ASHLAND PUBLIC SAFETY BUILDING
TOWN OF ASHLAND
12 UNION STREET; ASHLAND, MA

JANUARY 28, 2021
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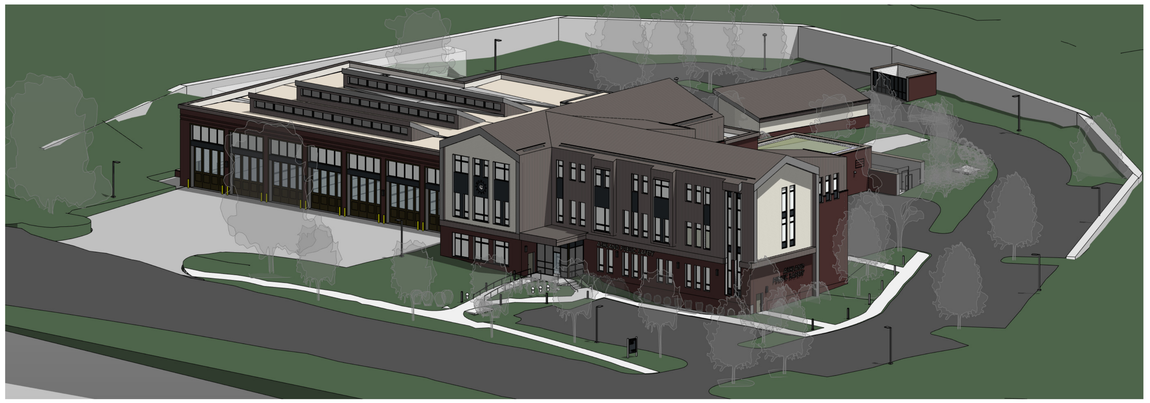
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ABBREVIATIONS

AB	AIR BARRIER
ABV	ABOVE
A/C	AIR CONDITIONING
ACC	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ADH	ADHESIVE
ADJ	ADJACENT
ADJT	ADJUSTABLE
ADMIN	ADMINISTRATIVE, ADMINISTRATION
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
∠	ANGLE
ANOD	ANODIZED
AP	ACCESS PANEL
APP	APPARATUS
APPROX	APPROXIMATE(LY)
@	AT
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
AVB, A/VB	AIR / VAPOR BARRIER
AVG	AVERAGE
BD	BOARD
BET	BETWEEN
BIT	BITUMINOUS
BKSPL	BACKSPLASH
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOD	BOTTOM OF DECKING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BOW	BOTTOM OF WALL
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BUR	BUILT UP ROOFING
CAB	CABINET
CB	CHALKBOARD
CBB	CEMENTITIOUS BACKER BOARD
CEM	CEMENT(ITIOUS)
CFMF	COLD FORMED METAL FRAMING
CIP	CAST-IN-PLACE (CONCRETE)
CIRC	CIRCULATION
CJ	CONTROL JOINT
CL	CENTERLINE
℄	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR(ANCE)
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACT(OR)
COP	COPPER
CPT	CARPET(ED)
CRS	COLD ROLLED STEEL
CSMU	CALCIUM SILICATE MASONRY UNIT
CT	CERAMIC TILE
CTR	CENTER
DBL	DOUBLE
DEG	DEGREE
°	DEGREE
DEPT	DEPARTMENT
DET	DETAIL
DH	DOUBLE HUNG
DIA	DIAMETER
Ø	DIAMETER
DIM	DIMENSION
DISP	DISPOSAL
DN	DOWN
DR	DOOR
DW	DISHWASHER
DWG	DRAWING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATION, ELEVATOR
EMER	EMERGENCY
ENC	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EVTR	ELEVATOR
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION, EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRICATED
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FIN	FINISHED
FIXT	FIXTURE
FLR	FLOOR(ING)
FLUOR	FLUORESCENT
FND	FOUNDATION
FR	FIRE RATED, FIRE RATING
FRT	FIRE RETARDANT TREATED
FSTN	FASTEN(ER)
FT	FOOT
FTG	FOOTING
FUR	FURRING
GA	GAGE, GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GBVP	GYPSUM BASE - VENEER PLASTER
GHM	GALVANIZED HOLLOW METAL
GL	GLASS, GLAZING
GMU	GLAZED MASONRY UNIT
GR	GRADE
GWB	GYPSUM WALLBOARD
HB	HOSE BIB
HC	HANDICAPPED
HDB	HARDBOARD
HDWE	HARDWARE
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HIGH POINT
HPC	HIGH PERFORMANCE COATING
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDED
INSUL	INSULATED, INSULATION
INT	INTERIOR
INV	INVERT(ED)
JAN	JANITOR
JST	JOIST
JT	JOINT
KIT	KITCHEN
LAM	LAMINAT(D)
LAV	LAVATORY
LB	POUND
LCC	LEAD COATED COPPER
LH	LEFT HAND
LIN	LINOLEUM
LOW	LIMIT OF WORK
LP	LOW POINT
LS	LIGHT SWITCH
LT	LIGHT
LVR	LOUVER
LWT	LIGHTWEIGHT
MACH	MACHINE
MAS	MASONRY
MAT	MATERIAL
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MB	MARKER BOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURE(R)
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MOD	MODULAR
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTL	METAL
N	NORTH
N/A	NOT APPLICABLE
NC	NEW CONSTRUCTION
NF	NO FINISH
NIC	NOT IN CONTRACT
NO	NUMBER
#	NUMBER
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPG	OPENING
OPH	OPPOSITE HAND
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OZ	OUNCE
PT	PAINT, PAINTED
PTD	PAINT, PAINTED
PR	PAIR
PNL	PANEL
PAN	PANTRY
PART	PARTITION
PBD	PARTICLE BOARD
d	PENNY
PERF	PERFORATED
⊥	PERPENDICULAR
PC	PIECE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PL	PLATE
±	PLUS OR MINUS
PLWD	PLYWOOD
PNT	POINT
PPT	PRESSURE TREATED
PREFAB	PREFABRICATED
PROP	PROPOSED
PROT	PROTECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
QTY	QUANTITY
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
REF	REFRIGERATOR
REFL	REFLECTED
REINF	REINFORCED
REM	REMOVE
RENO	RENOVATE(D)
REQD	REQUIRED
RES	RESINOUS FLOORING
REV	REVISION
RF	RESILIENT FLOORING
RFL	RESINOUS FLOORING
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RT	RESILIENT TILE
RTRF	RUBBER TREADS, RISERS AND FLOORING
RUB	RUBBER
RWC	RAINWATER CONDUCTOR
S	SOUTH
SATT	SOUND ATTENUATED (INSULATION)
SCH	SCHEDULE
SCW	SOLID CORE WOOD
SD	SOAP DISPENSER
SEC	SECTION
SECT	SECTION
SHLV	SHELVING
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SHT MTL	SHEET METAL
SIM	SIMILAR
SLT	SEALANT
SM	SURFACE MOUNTED
SOG	SLAB ON GRADE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURE, STRUCTURAL
SUSP	SUSPENDED
T	TREAD
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TB	TACK BOARD
TC	TERRA COTTA
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICKNESS
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOJ	TOP OF JOIST
TOS	TOP OF STEEL
TOW	TOB OF WALL
TYP	TYPICAL
TZ	TERRAZZO
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VHI	HIGH IMPACT GYPSUM WALLBOARD
VIF	VERIFY IN FIELD
VIN	VINYL
VLT	VINYL LUXURY TILE
VP	VENEER PLASTER
VR	VAPOR RETARDER
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
W/O	WITHOUT
WB	WEATHER BARRIER
WC	WATER CLOSET
WCPT	WALK-OFF CARPET
WD	WOOD
WH	WALL HYDRANT
WIN	WINDOW
WM	WIRE MESH
WP	WORK POINT
WPG	WATERPROOFING
WT	WEIGHT
WWF	WELDED WIRE FABRIC

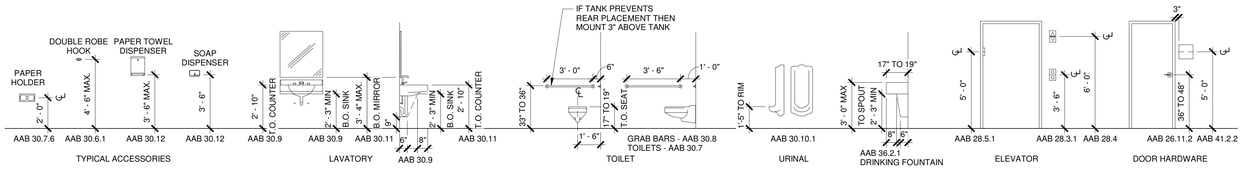
ARCHITECTURAL MATERIALS

- EARTH
- ROCK
- POROUS FILL (STONE, GRAVEL, ETC.)
- CONCRETE
- CONCRETE (PRECAST)
- BITUMINOUS CONCRETE
- PRE-MOLDED FILLER
- BRICK, COMMON OR FACE
- CONCRETE MASONRY UNIT
- STONE / MARBLE
- GLASS
- WOOD (FINISHED)
- WOOD (ROUGH)
- SHIM/ BLOCKING
- PLYWOOD (LARGE SCALE)
- PARTICLEBOARD
- INSULATION (LOOSE OR BATT)
- INSULATION (RIGID OR MINERAL WOOL)
- CERAMIC TILE
- GYPSUM WALLBOARD / SHEATHING, PLASTER, SAND, GROUT, MORTAR
- TERRAZZO
- PLASTIC LAMINATE
- RESILIENT FLOORING
- CARPET
- ACOUSTICAL TILE

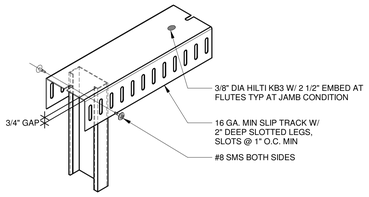
STANDARD SYMBOLS

- 0 — COLUMN REFERENCE LINE
- OFFICE 123 — ROOM NUMBER
- 101 — DOOR NUMBER
- 1i — BORROWED LIGHT NUMBER
- 1t — WINDOW TYPE
- 1 / A-301 — EXTERIOR ELEVATIONS
- 1 / A-701 — INTERIOR ELEVATIONS
- XX — PARTITION TYPE
- 1 — REVISION REFERENCE
- 00'- 00" — CEILING / SOFFIT HEIGHT (ABOVE FINISHED FLOOR)
- ℄ — CENTER LINE
- HIDDEN EDGES / PROJECTIONS ABOVE
- BREAK LINE
- 1 / A101 — BUILDING SECTION
- 1 / A101 — WALL SECTION
- 1 / A101 — REFERENCE DETAIL
- LEVEL X' - X" — ELEVATION
- ELEMENTS TO BE DEMOLISHED
- XX — KEYNOTE SYMBOL

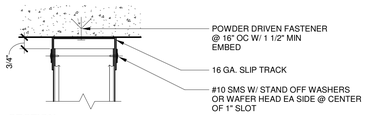
TYPICAL ACCESSIBLE MOUNTING HEIGHTS & CLEARANCES



NOTE: ACCESSIBLE BATHROOMS SHALL BE EQUIPPED WITH THE QUANTITY, STYLES, TYPES, MOUNTING HEIGHTS, LOADING REQUIREMENTS, AND BLOCKING FOR SAME, HANDRAILS, PLUMBING FIXTURES AND OTHER HARDWARE AS REQURIED BY THE MOST RECENT MASS. RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD.



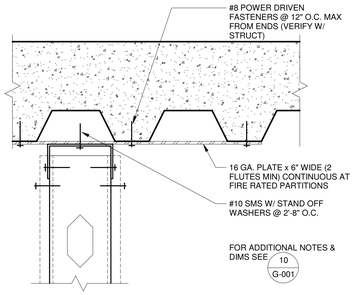
ISOMETRIC VIEW



SECTION

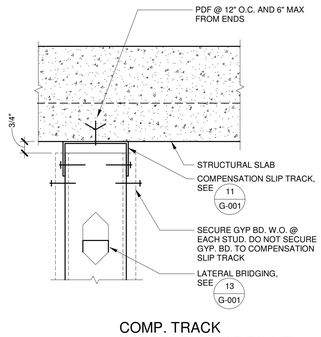
SLIP TRACK WITH DEFLECTION TYP — 11

3" = 1'-0"



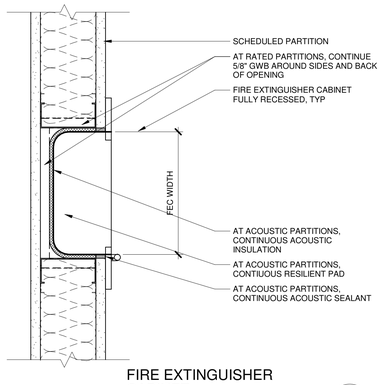
COMP. TRACK PARALLEL TO MTL DECK — 7

3" = 1'-0"



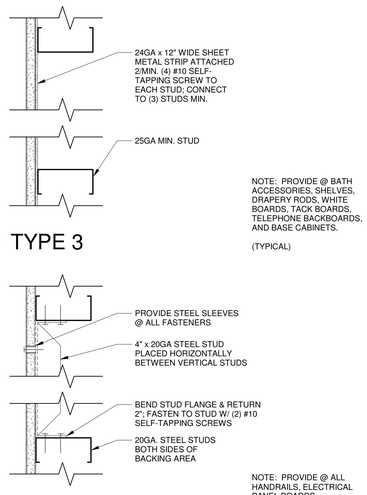
COMP. TRACK PERPENDICULAT TO MTL DECK — 10

3" = 1'-0"



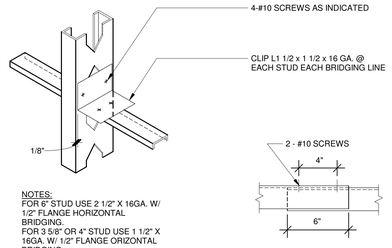
FIRE EXTINGUISHER CABINET — 6

3" = 1'-0"



TYP. WALL BACKING DETAILS — 2

3" = 1'-0"



NOTES:
FOR 6" STUD USE 2 1/2" X 16GA. W/ 1/2" FLANGE HORIZONTAL BRIDGING.
FOR 3 5/8" OR 4" STUD USE 1 1/2" X 16GA. W/ 1/2" FLANGE ORIZONTAL BRIDGING

TYP. BRIDGING SPLICE

LATERAL BRIDGING TYP — 13

3" = 1'-0"

INTERIOR PARTITION TYPES

TYPE	TYPE	FRAMING/ MASONRY UNIT				SHEATHING			INSULATION		FIRE RATING	FIRE TEST	STC	OVERALL DIMENSIONS		NOTES
		MATERIAL	SIZE	GA	SPACING	1ST SIDE	2ND SIDE	TYPE	TYPE	ACOUSTIC SEALANT @ PERIMETER				WIDTH	HEIGHT	
HKT_INT 1 - 3 5/8" WITH (1) XGWB, UD	1	MTL ST	3 5/8"	20	16"	5/8"	5/8"	XGWB	3 1/2" Batt	Yes	1 HR	U419	45	4 7/8"	UD	
HKT_INT 1B - 3 5/8" WITH (1) GWB, ONE SIDE, UD	1B	MTL ST	3 5/8"	20	16"	5/8"	-	GWB	3 1/2" BATT	No	-			4 1/4"	UD	
HKT_INT 2 - 3 5/8" WITH (2) GWB, UD	2	MTL ST	3 5/8"	20	16"	2@ 5/8"	2@ 5/8"	XGWB	3 1/2" BATT	Yes	2 HR	U419	54	6 1/8"	UD	
HKT_INT 3 - 6" WITH (1) GWB, UD	3	MTL ST	3 5/8"	20	16"	5/8"	5/8"	XGWB	5 1/2" BATT	Yes	1 HR	U419		7 1/4"	UD	
HKT_INT 4 - 18" CHASE WALL	4	MTL ST	2@ 2 1/2"	20	16"	5/8"	5/8"	GWB	2 1/2" Batt	Yes				1' - 6"	UD	
HKT_INT 6 - 8" CMU Wall	6	CMU	8"	-	-	-	-	-	-	Yes	2 HR			7 5/8"	UD	
HKT_INT 7 - 8" CMU Wall WITH 7/8" FURRING CHANNEL	7	CMU, FURRING	8"	20	16"	5/8"	-	GWB	-	Yes	2 HR			9 1/8"	UD	
HKT_INT - GLASS WALL SYSTEM	8	ALUM./GLASS	4"	-	-	-	-	-	-	Yes	-				AC	
HKT_INT 9 - 3 1/2" 2-HR RATED SHAFTWALL	9	MTL ST	2 1/2"	20	24"	1"	2@ 1/2"	XGWB	-	Yes	2 HR	U415		3 1/2"	UD	

FRAMING / MASONRY UNIT
MTL ST: METAL STUD
CMU: CONCRETE MASONRY UNIT

SHEATHING
GWB: GYPSUM WALL BOARD
XGWB: TYPE 'X' GYPSUM WALL BOARD

INSULATION
BATT: BATT INSULATION

OVERALL HEIGHT
UD: UNDERSIDE OF DECK
AC: AT CEILING

GENERAL NOTES
A. USE MOISTURE RESISTANT GWB AT ALL WET WALLS IN JANITOR'S CLOSETS, TOILET ROOMS, KITCHENS/ KITCHENETTES, DRINKING FOUNTAINS.
B. SEE SPECIFICATIONS FOR GAUGE OF STUDS AT DOOR AND WINDOW OPENINGS.

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

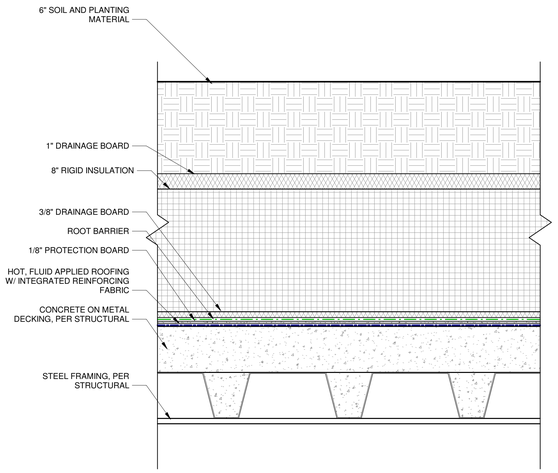
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

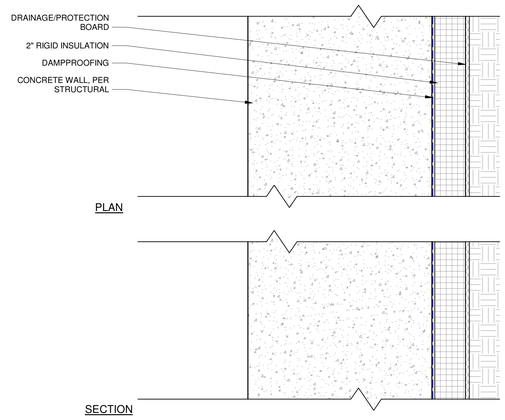
Drawing Title
STANDARD NOTES, TYPICAL INTERIOR PARTITIONS & MOUNTING HEIGHTS

PJC PJC
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
G-001



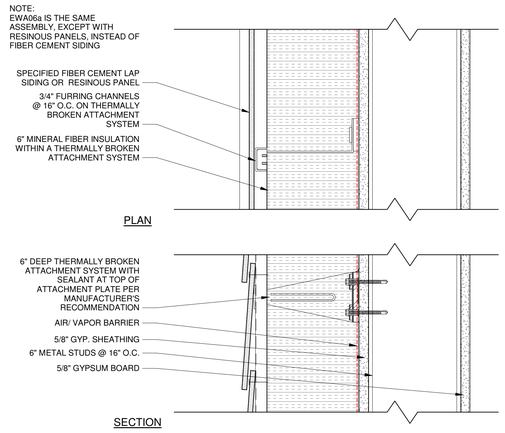
RFA03 GREEN ROOF ASSEMBLY 12

3" = 1'-0"



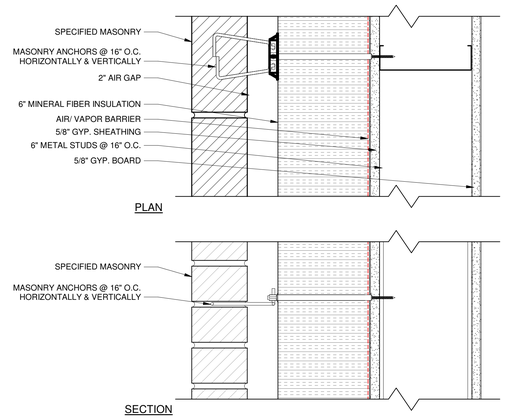
EWA09 CONCRETE WALL RETAINING WALL 9

3" = 1'-0"



EWA06 FIBER CEMENT SIDING ON METAL STUD 6

3" = 1'-0"



EWA03 BRICK ON METAL STUD 3

3" = 1'-0"

RFA02 SINGLE-PLY MEMBRANE ROOF 11

3" = 1'-0"

EWA08 FIBER CEMENT BOTH SIDES OF MTL STD 8

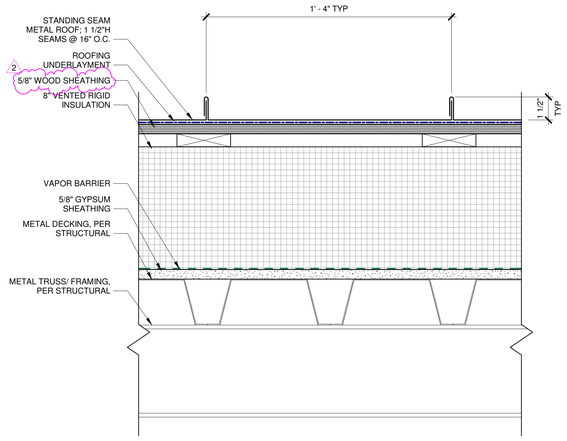
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EWA05 STANDING SEAM ON METAL STUD 5

3" = 1'-0"

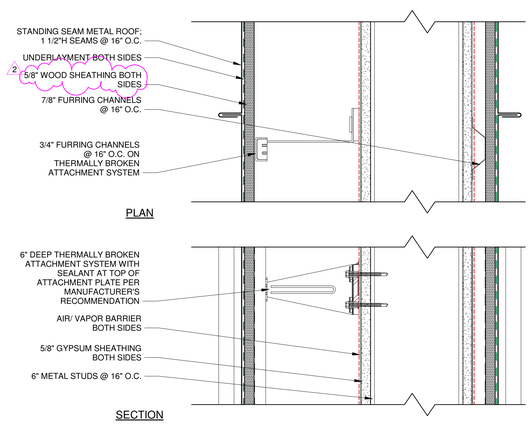
EWA02 BRICK ON CONCRETE WALL 2

3" = 1'-0"



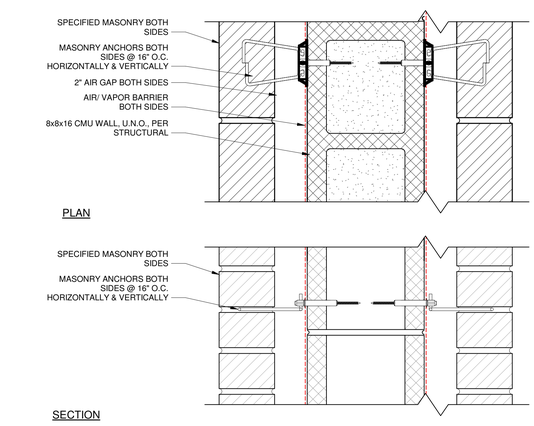
RFA01 STANDING SEAM ROOF 10

3" = 1'-0"



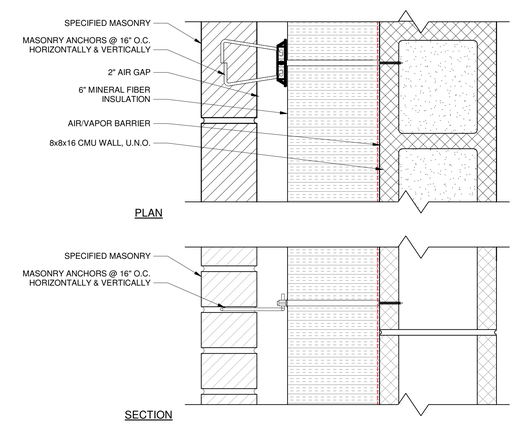
EWA07 STANDING SEAM BOTH SIDES OF MTL STD 7

3" = 1'-0"



EWA04 BRICK ON BOTH SIDES OF CMU 4

3" = 1'-0"



EWA01 BRICK ON CMU 1

3" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDEDNUM #4	12.02.20

Registrations

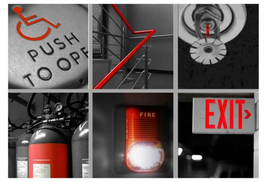
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
EXTERIOR ASSEMBLIES

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
G-002

AKF



Ashland Public Safety Building

Code Summary Report

12 Union Street

Ashland, MA 01721

AKF Project No.: 190897-000

November 6, 2020

Prepared By: Jonathan Mirabito & Mariah Seabolt, PE

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1. Introduction

HKT Architects, Inc. has retained AKF to provide code consulting services for the construction of the new Public Safety Building in Ashland, MA. The proposed 3-story building will be provided with a 7-lane apparatus bay. In addition, there will be a carport-type structure that is detached from the primary building. The carport-type structure is currently designed to be open on one side and will be evaluated herein as a private garage. A single-story detached gun range will also be located on the same site as the other two structures. The primary building is approximately 23,900 square feet; the private garage is approximately 867 square feet; and the proposed firing range is approximately 900 square feet.

The first floor of the public safety building includes apparatus bays, lunch rooms, assembly and office spaces, training rooms, detention rooms and a sally port, oxygen storage and filling rooms, a medical supply room, and numerous storage and utility spaces. The second floor of the building includes dorm spaces, a fitness space with associated locker rooms, and a dayroom with a kitchen. The third floor of the building is used for office and conference room space, with minimal storage and utility spaces.

This report provides an overview of the applicable code requirements for the architectural and fire/life safety features and is based upon our review of the Construction Documents dated October 23, 2020.

2. Quick Facts

Building Footprint: 23,908 SF

Building Aggregate Area: 42,001 SF

Number of Stories: 3 stories (with mezzanine)

Building Height: 42 Feet

Sprinkler Status: Sprinkled throughout per NFPA 13

Construction Type: Type IIB

Occupancy Classification: Use Groups A-3 (assembly spaces at or greater than 750 SF or 50 persons), B (offices, detention room, sally port, detached firing range), R-2 (sleeping rooms), S-1 (hazmat clean-up equipment, bulk storage, gear storage, repair operations etc.), S-2 (low hazard storage, utility spaces, enclosed garage), and Group U (detached carport/private garage)

3. Applicable Codes & Standards

- Massachusetts State Building Code (780 CMR), Ninth Edition, Base Volume (2015 International Building Code with amendments)
- MA Stretch Energy Code (International Energy Conservation Code, 2018 edition with amendments); Ashland is a Stretch Code community, however the building is under 100,000 sf and only subject to the base energy code.
- Massachusetts Board of State Examiners of Plumbers and Gas Fitters Regulations (248 CMR)
- Massachusetts Comprehensive Fire Safety Code (527 CMR 1.00 – 2015 NFPA 1: Fire Code with amendments)
- Massachusetts Electrical Code (527 CMR 12.00 – 2020 NFPA 70: National Electrical Code with amendments)
- Massachusetts Architectural Access Board Regulations (521 CMR)[1]
- Massachusetts Board of Elevator Regulations (524 CMR)
- Americans with Disabilities Act (ADA)
- M.G.L. Ch. 148 §26G

4. Proposed Uses

In accordance with IBC Chapter 3, the proposed public safety building includes the following uses and occupancies:

- A-3: Conference/ multipurpose spaces that exceed 750 SF and 50 people
- B: Offices, assembly-type spaces that are less than 750 SF or 50 people, detention rooms and holding rooms where no more than 5 occupants will be detained, and firing range (detached)
- R-2: Sleeping rooms
- S-1: Repair operations, moderate hazard storage
- S-2: Enclosed parking garage, low hazard storage, utility space
- U: Private garage (detached)

4.1 Detention Cells, Interrogation Room, Sally Port & Holding Room

If more than 5 occupants will be detained (i.e. in a secured location such that they are incapable of self-preservation), such spaces must be classified as a Group I-3 occupancy. If there are no more than 5 detainees, the space can be classified as part of the surrounding Group B occupancy, while still following the egress requirements for places of restraint. Note that Group I-3 occupancies must comply with the specialized requirements of 780 CMR 408, including requirements for smoke compartments.

[1] Changes to 521 CMR are currently being reviewed by the Building Code Coordinating Council (BCCC). The effective date of these changes is unknown.

Based on discussions with the design team, the intent is to limit the detention cells, interrogation room, sally port, and holding room to a combined maximum of 5 detainees at a time such that the space can be classified as a Group B occupancy.

4.2 Hazardous Materials

The proposed project includes an oxygen storage room on the first floor as well as an armory on the second floor. The quantity of hazardous materials in the buildings must be maintained below the maximum allowable quantity (MAQ) permitted by 780 CMR Sections 307.1 and 414 and 527 CMR Chapter 60. If the MAQ is exceeded, a Group H / high hazard occupancy classification is required.

Oxygen Storage Room

Oxygen is classified as an oxidizing gas. In fully sprinklered buildings, the first floor is permitted to have a maximum of 3,000 cubic feet of oxidizing gas (at standard temperature and pressure) per control area. A maximum of four control areas are permitted on the first floor (780 CMR Table 307.1(1) and 414). It is our understanding that the proposed quantity of oxygen storage is within these limits.

Armory

Ammunition is considered an explosive. There are six different categories of explosives (designated as Division 1.1 through 1.6). The applicable protection requirements for the armories depend on the quantity of ammunition and the explosive classification.

The amount of ammunition in the Armory will limit the amount of Division 1.4 explosives propellant to the maximum allowable quantity of 75 lbs prescribed by 780 CMR Table 307.1(1) and 527 CMR Table 60.A.2.1.1.3. In accordance with 780 CMR Table 415.6.2, where the quantity of Division 1.4 explosives exceeds the maximum allowable quantity, a detached building is required.

4.3 Carport/Private Garage

A carport-type structure is proposed adjacent to the main public safety building. The proposed structure is one story and open on one side. In order to be classified as a true carport, the structure must be open on at least two sides. Since the structure is not open on at least two sides, the structure will be designed comply with the requirements for a private garage (780 CMR 406.3.5). Note that both private garages and carports are classified as Group U occupancies (780 CMR 406.3.1).

Individual private garages are limited to 1,000 SF maximum and must be separated from other private garages by 1-hour fire barriers and horizontal assemblies (780 CMR 406.3.1). The proposed carport/garage structure is approximately 867 SF.

The proposed carport/garage structure is open on one side and will therefore be designed in accordance with the requirements for Group U private garages. The 867 SF structure is within the 1000 SF area limitation for private garages.

Note that the majority of this report provides requirements for the main public safety building. Some requirements for the detached carport/garage are noted where appropriate.

4.4 Firing Range

A fire range constructed of modular construction is also proposed on site. The single-story detached building will be located to the east of the public safety building.

The firing range is not currently expected to be used as an armory. Therefore, the firing range is classified as a Group B building. If future changes result in storing ammunition in the firing range, the code requirements must be reevaluated based on the quantity of ammunition stored.

Although the majority of this report provides requirements for the main public safety building, some requirements for the detached firing range are noted where appropriate.

5. Construction

5.1 Height and Area

The design team has chosen Type IIB as the preferred construction type classification due to its noncombustible nature. The main public safety building will be equipped throughout with a sprinkler system installed in accordance with NFPA 13. The occupancies will be non-separated, therefore the height and area allowances of the building shall be based on the most restrictive Use Group which is A-3 (780 CMR 508.3.2).

Height & Area Summary – Use Group A-3 in Sprinkled Type IIB Construction

Element	Proposed	Allowed	Status
Story Area (SF)	23,908	28,500	✓
Aggregate Area (SF)	42,001	85,500	✓
Height (ft)	42	75	✓
Stories	3	3	✓

Note that the table above evaluates the height and area for the main public safety building only. The single-story 867 SF garage structure is within the 1,000 SF limit for private garages.

It is AKF's understanding that the firing range will not be used for ammunition storage and is therefore analyzed as a Group B occupancy. The single-story 900 SF gun range is within the limitations of 780 CMR Chapter 5 for all construction types, regardless of sprinkler protection.

5.2 Mezzanine

Mezzanines are limited to 1/3 of the floor area of the room or space in which they are located (780 CMR 505.2.1). Mezzanines are not required to be open to the room in which they are located if the occupant load of the enclosed space is 10 or fewer (780 CMR 505.2.3(1)).

The mezzanine is approximately 1,310 SF, which is less than 1/3 of the floor area of the space the mezzanine is open to (9,983 SF) (i.e. the Apparatus Bays). This is permitted under 780 CMR 505.2.1.

5.3 Type of Construction

The table below describes fire-resistance rating requirements for the public safety building based on Type IIB construction.

780 CMR Table 601: Fire Resistance Rating Requirements for Building Elements (Hours)

Element	Type IIB
Primary Structural Frame	0[c]
Exterior Bearing Walls	0[c]
Interior Bearing Walls	0[c]
Exterior Nonbearing Walls and Partitions	See Table 602 below
Interior Nonbearing Walls and Partitions	0
Floor Construction and Secondary Members	0[c]
Roof Construction and Secondary Members	0

[c] Not less than the rating of the assemblies supported.

780 CMR Table 602: Required Fire-Resistance Ratings Exterior Walls Based on FSD

Fire Separation Distance (feet) = X	Type IIB Group S-1	Type IIB Group A-3, B, R-2, S-2, & U
X < 5	2	1
5 ≤ X < 10	1	1
X ≥ 10	0	0

Per footnote (g) of Table 602, where Table 705.8 permits unlimited unprotected openings (i.e. FSD ≥ 10 feet) the non-bearing exterior walls are permitted to be unrated.

Where Table 601 or 602 requires an exterior wall to be fire-resistance rated and the fire separation distance is less than or equal to ten feet, the wall must be rated for exposure to fire from both sides

(2015 IBC 705.5). The exterior walls are required to maintain their structural stability for the duration of the time indicated by the fire-resistance rating.

The public safety building is 12.5 feet from the shooting range and 5 feet from the private garage. As such, the exterior walls facing each adjacent structure will require a fire-resistance rating based on Table 602 above.

5.4 Fire Department Access Road

Fire department access roads must have an unobstructed vertical clearance of not less than 13 feet 6 inches, an unobstructed width of not less than 20 feet, and a minimum inside turning radius of 25 feet (527 CMR 18.2.3.4.1 & 18.2.3.4.3). The roads must be designed and maintained to support the imposed loads of fire apparatus and must be provided with an all-weather driving surface (527 CMR 18.2.3.4.2). The gradient for a fire department access road cannot exceed 10%, unless approved in writing by the AHJ (527 CMR 18.2.3.4.6).

6. Fire & Smoke Protected Features

This section provides requirements for fire-rated and smoke protected features in the building.

6.1 Exterior Walls and Opening Protectives

The allowable area of exterior wall openings is based on the fire separation distance of each wall. These opening limitations are summarized below. Note that 780 CMR 705.8.1 Exception 2 permits buildings whose exterior bearing wall, exterior nonbearing walls, and primary structural frames are not required to be fire-resistance rated to have unlimited unprotected openings.

780 CMR Table 705.8 Maximum Area of Exterior Wall Openings Based on FSD

Fire Separation Distance (feet) = X	Degree of Opening Protection	Allowable Area of Openings
X < 3	Unprotected, Sprinklered	Not Permitted
3 ≤ X < 5	Unprotected, Sprinklered	15%
5 ≤ X < 10	Unprotected, Sprinklered	25%
10 ≤ X	Unprotected, Sprinklered	No Limit

In the areas where the public safety building is in close proximity to the shooting range or private garage, the exterior walls facing the adjacent structure will be limited in the percentage of allowable unprotected openings in accordance with Table 705.8 above.

6.2 Shaft Enclosures

Stair Enclosures

Floor openings connecting three stories or less must be enclosed with 1-hour rated construction (780 CMR 713.4). This requirement is applicable to exit stairways, elevator shafts, mechanical shafts, and

other shafts that penetrate floor assemblies. All structural members supporting the shafts must be of an equivalent rating as the shaft which they support (780 CMR 707.5.1).

Firefighters' Pole

The proposed firefighters' pole connects the first and second stories with a floor opening in the second floor slab. While two-story floor openings typically don't require a rated enclosure, the opening for the pole cannot be open to a residential corridor (780 CMR 712.1.9). Therefore, the opening for the pole must be separated from the residential corridor by at least 30 minutes fire-resistance rated construction, or a compliant shutter must be provided at the floor opening.

Sheet A-102 indicates that the fire pole will be provided with a fire-rated closure at the upper landing and floor opening.

Fire Doors

Where fire doors are required, glazing in excess of 100 square inches is permitted in the doors if such glazing is classified as fire-resistance-rated glazing and complies with the requirements of 780 CMR 716.2.

6.3 Sleeping Unit Separations

In Type IIB construction, dwelling units must be separated from other parts of the building by ½-hour fire-resistance rated construction (780 CMR 420.2 & 420.3). This ½-hour separation applies to both wall and floor/ceiling assemblies. Wall assemblies separating dwelling units must comply with 780 CMR 708 for fire partitions. Floor assemblies must comply with 780 CMR 711 for horizontal assemblies. Note that the construction supporting the ½-hour fire partitions and floor/ceiling assemblies is not required to be rated in Type IIB buildings (780 CMR 708.4 & 711.2.3).

6.4 Corridor Construction

Corridors must be constructed as fire partitions in accordance with the most restrictive occupancy on the same floor in accordance with 780 CMR 1020.1. Corridor doors must meet the testing requirements of UL 1784 for smoke and draft control door assemblies (780 CMR 716.5.3.1). The table below describes corridor rating requirements for the floors.

Floor	Occupancies	Corridor Fire Rating Requirement (hrs)
1	A-3, B, S-1, S-2	0
Mezzanine	B, S-1, S-2	0
2	A-3, B, R-2, S-1, S-2	½
3	B, S-1 S-2	0

Note that the construction supporting the ½-hr corridor wall assemblies is not required to be fire-resistance rated in Type IIB buildings (780 CMR 708.4).

6.5 Separation of Incidental Accessory Occupancies

The following spaces are required to be rated based on the code sections identified.

Room or Area	Separation and/or Protection[2]	Code Section
Trash rooms over 100 SF	Smoke resistant construction with sprinkler protection	780 CMR Table 509 & Section 509.4.2
Laundry rooms over 100 SF	Smoke resistant construction with sprinkler protection	780 CMR Table 509 & Section 509.4.2
Elevator machine rooms	1 hr	780 CMR 3005.4
Furnace rooms with any equipment over 400,000 Btu/hr	Smoke resistant construction with sprinkler protection	780 CMR Table 509 & Section 509.4.2
Emergency electrical rooms	2-hr fire barrier or sprinkler protection[3]	527 CMR 700.10 & NEC 700.10(D)(2)
Emergency feeder circuit wiring	2-hr fire protection	NEC 700.10(D)(1)

[2] Where sprinkler protection is provided in lieu of fire-resistant construction, the incidental uses must be separated from the remainder of the building by construction capable of resisting the passage of smoke in accordance with 780 CMR 509.4.2 and must be provided with doors that are self- or automatic-closing upon detection of smoke.

7. Fire Protection Systems

The following fire protection systems are required to be incorporated into the project:

7.1 Automatic Sprinkler Systems

The building must be protected throughout with an automatic sprinkler system in accordance with 780 CMR 406.8.6 & Table 903.2, and MA General Law Chapter 148 Section 26G.

7.2 Standpipe System

The floor level of the highest story is located less than 30 feet above the lowest level of fire department access (approximately 28 feet between the third floor and first floor). Therefore, a standpipe system is not required (780 CMR 905.3.1).

7.3 Portable Fire Extinguishers

Portable fire extinguishers are required per 780 CMR 906.1. All fire extinguishers must be installed in accordance with NFPA 10.

7.4 Manual Fire Alarm System

A manual fire alarm system that activates the occupant notification system is required (780 CMR 907.2.2).

7.5 Smoke Alarms

Single- or multiple-station smoke alarms must be installed in the following locations per 780 CMR 907.2.11.2:

- In the immediate vicinity of bedrooms.
- In each room used for sleeping purposes.
- In each story within a dwelling unit.

7.6 Carbon Monoxide Protection

Carbon monoxide detection is required in sleeping units and every floor of the building where fossil fuel burning appliances are present (780 CMR 915.1 and 527 CMR 13.7.2.11.4).

7.7 Emergency Responder Radio Coverage

Emergency responder radio coverage is required in all new buildings per 780 CMR 916.1. The emergency responder radio coverage is required to be provided with standby emergency power per 780 CMR 2702.2.3. In addition, given the critical nature of the building, the standby power system should operate as a Critical Power Operations System (COPS) in accordance with NFPA 70 Article 708.

7.8 Gas Detection System

Where vehicles fueled by nonodorized gases are serviced, a gas detection system must be provided in accordance with 780 CMR 406.8.5 and 527 CMR 30.2.8.

8. Means of Egress

The applicable means of egress requirements for new construction are described below.

8.1 Egress Summary

The occupant loads and exit capacity throughout the building are calculated in accordance with 780 CMR Table 1004.1.1 & 1005.3. A floor diagram depicting the actual floor arrangement, exit locations, and room identification must be posted in a location and manner acceptable to the authority having jurisdiction (527 CMR 20.8.2.4.1). The table below summarizes the calculated occupant load and exit capacity for the building.

Occupant Load and Exit Capacity per Story

Floor	Occupant Load	Number of Exits Required	Number of Exits Provided	Exit Capacity
1	219	2	7	1,190
2	136	2	2	340
3	88	2	2	340

The mechanical room, electrical room, and training room on the mezzanine are each provided with an exit directly to the exterior. These spaces are each within the occupant load and common path of travel limitations for a space with a single means of egress. Therefore, the mezzanine is provided with compliant means of egress.

In accordance with the exception to 780 CMR 1004.1.1, the actual number of occupants for whom a space and/or floor is being designed can be used to determine the design occupant load, even where this is less than the calculated occupant load. Note that this approach requires approval from the building official.

8.2 Occupant Load Signs (Assembly)

Every room or space that is used as an assembly occupancy must have the occupant load of the room or space posted in a conspicuous place near the main exit or exit access doorway from the room or space (780 CMR 1004.3 & 527 CMR 20.1.5.10.3). This permanent and readily visible sign provides a means to confirm that the maximum approved occupant load is not exceeded. Signage must be designed and installed in accordance with accessibility requirements.

8.3 Exit Access Travel Distance

The exits located throughout the building are arranged to meet the maximum allowed travel distances shown in the table below.

780 CMR Table 1017.2: Travel Distances for Fully Sprinklered Building

Occupancy	Exit Access (Feet)
A-3, R-2, S-1	250
B	300
S-2	400

Based on our review of the drawings, the maximum travel distances are within the limits of 780 CMR Table 1017.2.

8.4 Number of Exits and Continuity

Two exits must be provided from all spaces where the occupant load or common path of travel distance exceeds the limitations of 780 CMR Table1006.2.1, as summarized below.

780 CMR Table 1006.2.1: Spaces with One Means of Egress

Occupancy	Max. Occupant Load	With Sprinkler System (Feet)
A-3	49	75
B	49	100
R-2	10	125
S	29	100

Where more than one means of egress is required, the exits must be separated by 1/3 of the overall diagonal distance of the space served (780 CMR 1007.1.1).

The Day Room & Kitchen will be posted with signage stating that the maximum occupant load is 49 people. Posted occupant loads are permitted to be used in lieu of the calculated occupant load where approved by the building official in accordance with 780 CMR 1004.1.2.

8.5 Door Swing and Hardware

All doors serving an occupant load of 50 or more people must swing in the direction of egress travel (780 CMR 1010.1.2.1). Additionally, where doors serve an assembly space with 50 or more people, the doors must be equipped with panic hardware (780 CMR 1010.1.10).

Doors cannot reduce the required means of egress width by more than 7 inches when fully open. Doors in any position cannot reduce the required width by more than one-half (780 CMR 1005.7.1).

The space between two doors in a series must be 48 inches minimum plus the width of a door swinging into the space (780 CMR 1010.1.8).

Doors for Places of Restraint

Although the detention, holding, and sally port area are permitted to be classified as part of the Group B occupancy, the means of egress provisions applicable to places of restraint can be used (IBC commentary to IBC 308.5). Several specialized requirements apply to doors serving places of restraint, including the following:

1. Swinging door assemblies are not required in places of detention (780 CMR 1010.1.2).
2. Locks and latches are permitted in places of detention or restraint (780 CMR 1010.1.9.3).
3. Unlatching of doors is permitted to include more than one operation in places of detention or restraint (780 CMR 1010.1.9.6).
4. Doors serving rooms or spaces occupied by persons whose movements are controlled for security reasons are permitted to be locked where equipped with egress control devices that unlock manually and by at least one of the following (780 CMR 1010.1.9.10):
   a. Activation of the automatic sprinkler system;
   b. Activation of a manual fire alarm pull station; or
   c. A signal from a constantly attended location.

Doors to Electrical Rooms – 1,000 Volts Nominal or Less

Where equipment contains overcurrent devices, switching devices, or control devices, there must be two egress doors (one at each end of the working space), where either of the following conditions is met:

1. The equipment is rated 1,200A or more and is over 6 feet wide; OR
2. For service disconnecting means installed in accordance with NEC 230.71, where the combined ampere rating is 1200A or more and over 6 feet wide.

The egress doorways must be at least 24 inches wide and 78 inches in height (NEC 110.26(C)(2)). The doors must be equipped with panic hardware and must swing in the direction of egress travel (780 CMR 1010.1.10). Open equipment doors must not impede the entry to or egress from the working space.

Note that a single means of egress is permitted where unobstructed egress or extra working space is provided, as follows (NEC 110.26(C)(2):

- A single door is permitted where the location of the door permits a continuous and unobstructed way of egress travel.
- A single exit is permitted where the depth of the working space is twice that required by NEC 110.26(A)(1). The exit must be located such that the distance from the equipment to the nearest edge of the exit is not less than the minimum clear distance specified in NEC Table 110.26(A)(1).

Where equipment is rated 800A or more and contains overcurrent devices, switching devices, or control devices and there is a door(s) located less than 25 ft from the nearest edge of the working space, the door(s) must swing in the direction of egress and be equipped with panic hardware (NEC 110.26(C)(3)).

8.6 Corridors

The minimum corridor width requirements per 780 CMR 1020.2 are as follows:

780 CMR Table 1020.2: Minimum Corridor Width

Occupancy	Minimum Width (inches)
Any facility not listed below	44
Access to and utilization of MEP systems or equipment	24
With an occupant load less than 50	36

Dead-end corridors serving Group A occupancies are limited to a maximum of 20 feet. Dead-end corridors serving other occupancies are limited to a maximum of 50 feet (780 CMR 1020.4).

8.7 Exit Discharge

The exit discharge is the portion of the means of egress from the termination of the exit to a public way. A path to the public way or safe dispersal area in accordance with 780 CMR Section 1028.5 must be provided with emergency lighting. The means of egress, including the exit discharge, must be illuminated at all times the building is occupied such that occupants can find the public way if an emergency occurs at night (780 CMR 1008.1).

Exits must discharge directly to the exterior of the building with a maximum of 50% of required exits permitted to discharge through areas of the building (780 CMR 1028.1 Exception 1). Both Stair 1 and Stair 2 discharge directly to the exterior of the building.

Interior exit stairs are not permitted to continue below the level of exit discharge unless an approved barrier is provided to prevent people from unintentionally continuing to the levels below (780 CMR 1023.8). Directional signage in accordance with 780 CMR Section 1013 must also be provided (780 CMR 1023.8).

Stair 1 discharges to grade on the second floor of the building. Sheet A-102indicates that a door or gate will be provided within the stairwell to prevent occupants from unintentionally continuing beyond the level of exit discharge.

8.8 Accessible Means of Egress

Two accessible means of egress must be provided from accessible space unless the space only requires one means of egress (780 CMR 1009.1). Where accessible spaces are only required to have one means of egress, only one accessible means of egress is required.

8.9 Ramps

Ramps used as part of a means of egress must have a running slope of not more than 1:12, which equates to 8.3% (780 CMR 1012.2). The maximum rise for any ramp is 30 inches and the maximum length of any ramp run between landings is 30 feet (521 CMR 24.2.4 & 24.4).

8.10 Maintenance of Exterior Stairs

Exterior stairways must be kept free of snow and maintained in a safe condition (780 CMR 1001.3.1).

8.11 Means of Egress Illumination

The means of egress, including the exit discharge, must be illuminated. Illumination of the means of egress must be continuous during the time that the conditions of occupancy require that the means of egress be available for use, unless automatic lighting control devices are used (780 CMR 1008.2). Means of egress illumination must be provided with emergency power for at least 90 minutes in the event of primary power failure (780 CMR 1008.3.4).

8.12 Exit Signage

Means of egress must be marked with internally or externally illuminated exit signs in accordance with 780 CMR 1013.1. Exit signs must be provided with an emergency power to ensure continued illumination for at least 90 minutes in the event of primary power failure (780 CMR 1013.6.3).

9. Interior Environment

9.1 Interior Finish

The interior finishes of the walls, ceilings, and floors of the building are governed by 780 CMR Chapter 8. This chapter outlines the testing requirements for different surfaces. The required tests and finish classifications are summarized in the tables below.

Finish Characteristics

Element	Test Method	Criteria
Wall & Ceiling Finishes	ASTM E84 or UL 723	Class A = FSI 0-25; SDI 0-450
		Class B = FSI 26-75; SDI 0-450
		Class C = FSI 76-200; SDI 0-450
Floor Finish	NFPA 253	Class I = 0.45 W/cm² or greater
		Class II = 0.22 W/cm² up to 0.45 W/cm²
	DOC FF-1	Pass

Notes: FSI = flame spread index; SDI = smoke-developed index

Table 803.1: Interior Finish Requirements by Occupancy – Sprinkled Buildings

Use Group	Walls & Ceilings			Floors	
	Exit Enclosures & Passageways	Corridors	Rooms & Enclosed Spaces	Exits & Corridors	Other Spaces
A-3	B	B	C	DOC FF-1	DOC FF-1
B	B	C	C	DOC FF-1	DOC FF-1
R-2, S	C	C	C	DOC FF-1	DOC FF-1

The tables above show the required interior finish classes throughout the building. Note that where corridors are shared by multiple occupancies, the most restrictive finish must be used. All floors throughout the building must pass the DOC FF-1 "pill test."

9.2 Ventilation

The building must be provided with natural or mechanical ventilation per 780 CMR 1203.

9.3 Apparatus Bays

The enclosed parking and repair areas require a mechanical ventilation system to be provided in accordance with the International Mechanical Code per 780 CMR 406.4.2. Where repair operations take place, the mechanical ventilation system must be controlled at the garage entrance (780 CMR 406.8.2). Ventilation, forced air heating, and air conditioning systems serving repair areas must not be interconnected with systems serving other portions of the building (527 CMR 30.2.9.1). Additionally, NFPA 1500 the Standard on Fire Department Occupational Safety and Health Section 9.1.5 requires that firefighters be protected from exposure to vehicle exhaust emissions. This is typically accomplished by localized exhaust snorkels in the apparatus bay such as a Plymovent system.

An oil/gas separator is required in the Apparatus Bays and other areas where vehicles will have work done on them (248 CMR 10.02(1)(t) and 527 CMR 30.2.5.2).

The floor surface in the parking and repair areas must be of concrete or a similar noncombustible and non-absorbent material (780 CMR 406.3.3 & 406.8.3). The surface must be liquid-tight and must be sloped towards the oil/gas separator drain (527 CMR 30.2.5.1).

9.4 Lighting

Every habitable room must be provided with natural or artificial lighting (780 CMR 1205.1). Natural lighting requires net glazed area of not less than 8% of the floor area of the room served (780 CMR 1205.2). Artificial lighting is required to provide an average illumination of 10 foot-candles over an area of the room at a height of 30 inches above the floor level (780 CMR 1205.3).

9.5 Room Size

Habitable rooms must have a net floor area of at least 70 SF (780 CMR 1208.3).

9.6 Ceiling Height

Minimum ceiling height requirements are as follows:

- 7'-6" for habitable spaces and corridors (780 CMR 1208.2).
- 7'-0" permitted for bathrooms, toilet rooms, kitchens, and storage rooms (780 CMR 1208.2).
- 7'-0" permitted for private garages and carports (780 CMR 406.3.2)

10. Plumbing Fixtures

Plumbing fixtures shall be constructed from product-accepted materials, have smooth and impervious surfaces, be free from defects, and be in accordance with 248 CMR 10.10. The Massachusetts State Plumbing Code (248 CMR) requires a minimum number of plumbing fixtures based on the use of the building and the occupant load. In Massachusetts, the actual expected population of the space, as

approved by the plumbing inspector, can be used to determine the required number of fixtures. The following table outlines the minimum number of plumbing fixtures required based on the occupancy classification:

Occupancy	Male Toilets	Female Toilets	Lavatories (each sex)	Others Fixtures
Dormitories (R-2)	1 per 8	1 per 6	1 per 8	1 bathtub/shower per 8; 1 service sink
Employee (non-industrial)	1 per 25	1 per 20	1 per 40	1 service sink;
Detention Facility (Detainee)	1 per 8	1 per 6	1 per 6	1 bathtub/shower per 6

The following table show the occupant load supported by the proposed fixtures. If the actual expected population is greater than the occupant load supported, additional plumbing fixtures are required.

Occupant Load Supported by Proposed Plumbing Fixtures

Floor	Occupancy Classification	Female Fixtures	Male Fixtures[4]	Lavatories (Each Sex)	Drinking Fountain	Service Sink	Supported Occupant Load
1	Employee (non-industrial)	3	2	2	1 per floor	1 per floor	80
	Detention Facility (Detainee)	1 per cell			N/A	N/A	5[5]
2	Dormitory	4	4	3	1 per floor	1 per floor	48
3	Employee (non-industrial)	1	1	1	1 per floor	1 per floor	40

[4] A percentage of the required male fixtures may be substituted for urinals.
[5] Based on the Group B occupancy classification

11. Energy Conservation

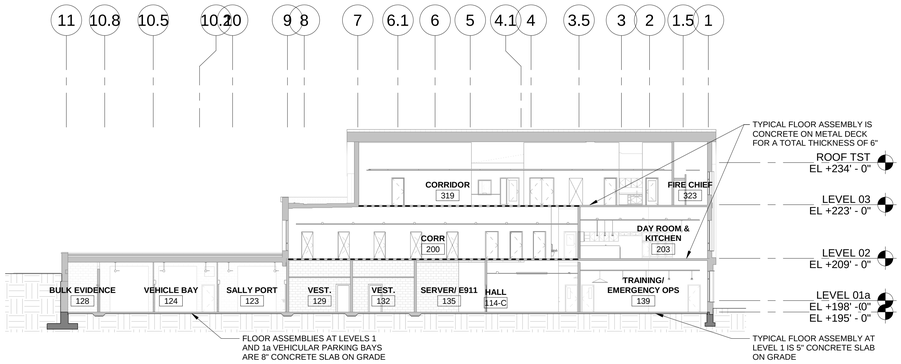
While the project is located in a Stretch Code Community, since the building is less than 100,000 sf in area it is not subject to the Stretch Code and need only comply with the base energy code provisions of the 2018 ECC with MA amendments based on the use and occupancy of the building. The building is located in climate zone **5A.**

Note that per IECC C401.2, commercial buildings may comply with either the 2018 IECC (with MA amendments) or ASHRAE 90.1-2016.

12. Roof Assemblies & Rooftop Structures

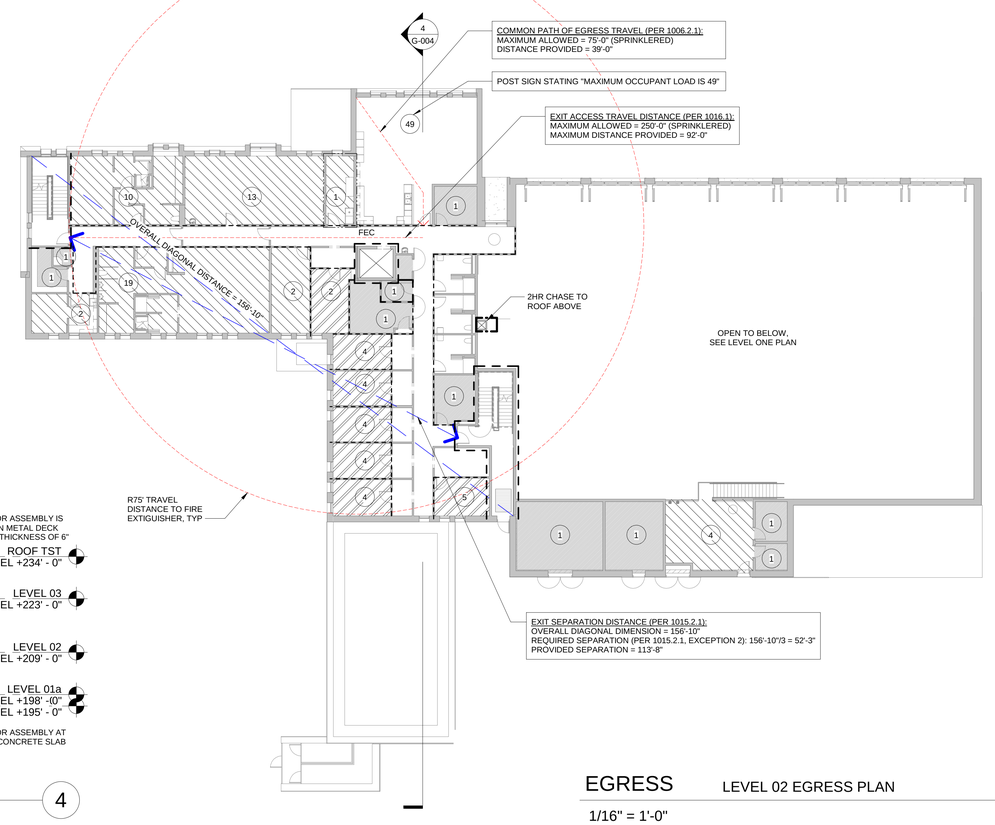
12.1 Roof Assembly

Roof assemblies must be defined as Class A, B, or C in accordance with ASTM E 108 or UL 790. Fire-retardant wood coverings must be tested in accordance with ASTM D 2898 (780 CMR 1505.1). Per 780 CMR Table 1505.1, Type IIB construction requires a Class C roof assembly. Per 780 CMR 1505.2-1505.4, Class C roof assemblies are effective against light



EGRESS EGRESS BUILDING SECTION D 4

1/16" = 1'-0"



EGRESS LEVEL 02 EGRESS PLAN 2

1/16" = 1'-0"

LEGEND

- 2 HOUR FIRE RATED
- 1 HOUR FIRE RATED
- 30 MINUTE FIRE RATED
- SMOKE RESISTANT CONSTRUCTION
- (#) MAXIMUM OCCUPANT LOAD
- ACCESSORY SPACES
- A3 OCCUPANCY
- B OCCUPANCY
- R2 OCCUPANCY
- S1 OCCUPANCY
- S2 OCCUPANCY
- FE FIRE EXTINGUISHER ON WALL BRACKET
- FEC FIRE EXTINGHER CABINET

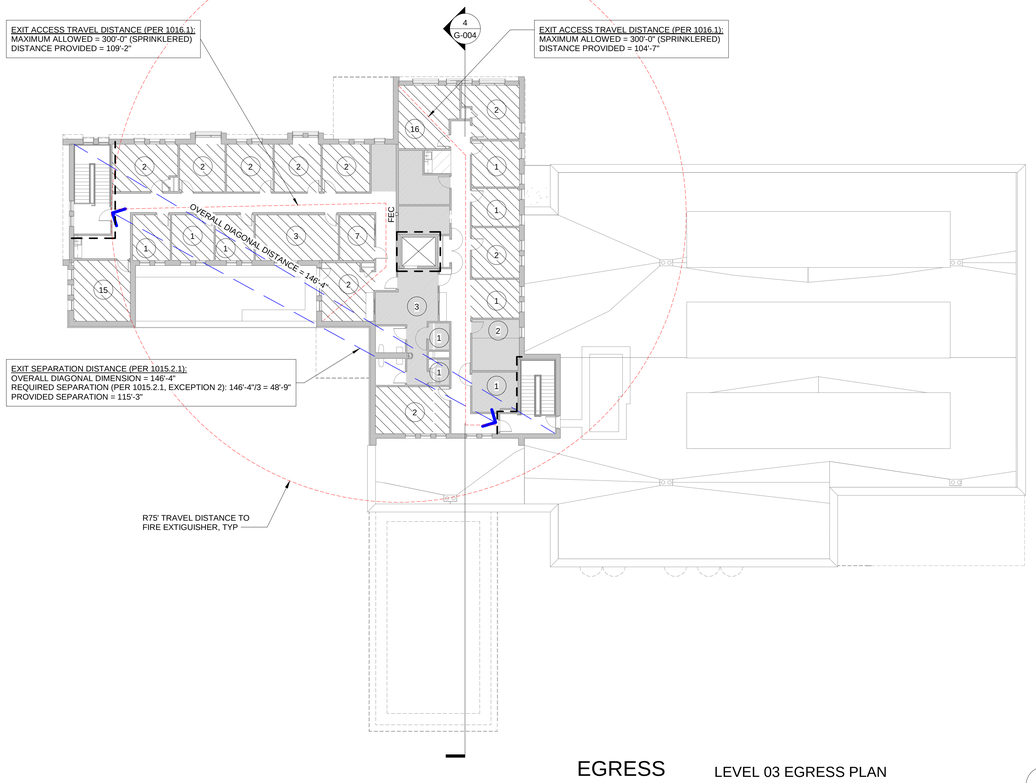
BUILDING GROSS AREA

LEVEL 01	23,908 SF
LEVEL 02	10,178 SF
LEVEL 02 (CARPORT)	965 SF
LEVEL 03	6,952 SF
TOTAL AREA	42,004 SF

6

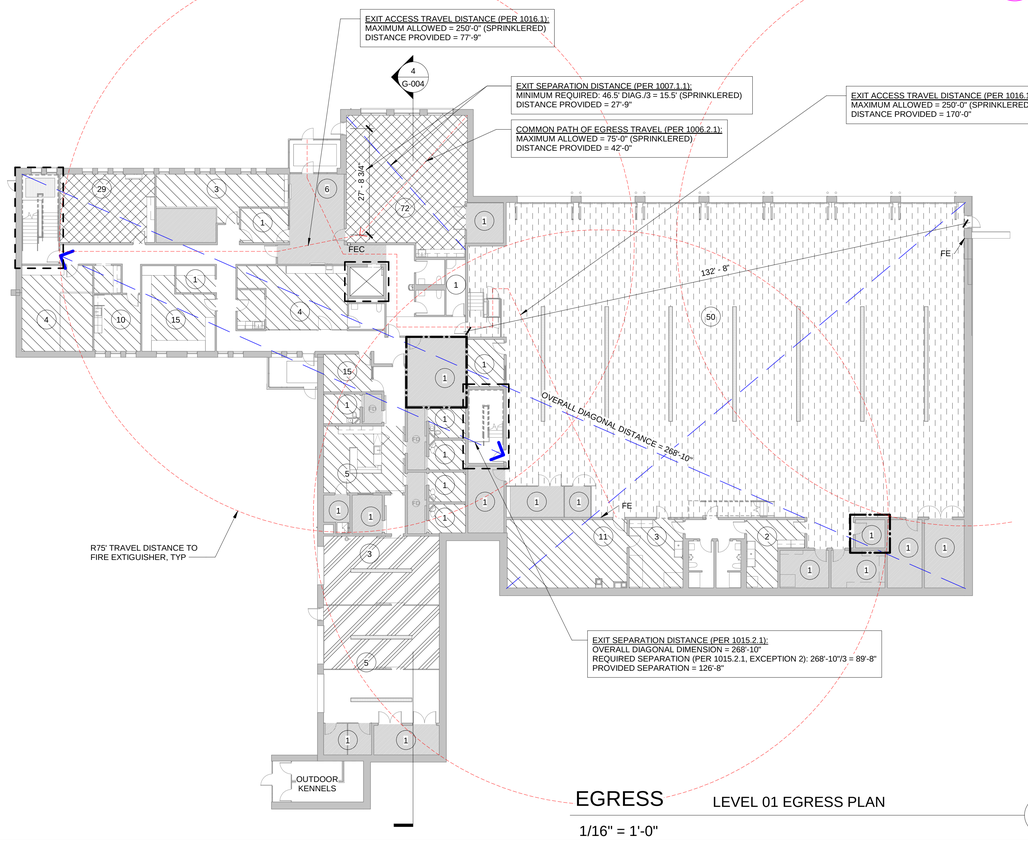
ENERGY COMPLIANCE

ASSEMBLY TYPE	PROPOSED FOR CLIMATE ZONE 5A	CODE MINIMUM FOR CLIMATE ZONE 5A
FENESTRATION CRITERIA		
FENESTRATION	U-FACTOR - .35	U-FACTOR - 0.38
FENESTRATION, METAL FRAMING	U-FACTOR - .45	
OPAQUE THERMAL ENVELOPE, (780 CMR CHAPTER 13 & IECC 2018 TABLE C402.1.3)		
ROOF	R-40ci (ENTIRELY ABOVE DECK)	R-30ci (ENTIRELY ABOVE DECK)
WALLS, ABOVE GRADE-METAL FRAMED	R-25.8ci	R-13+R-7.5ci
WALLS, BELOW GRADE	R-10ci	R-10 (@HEATED SLABS)
SLAB-ON-GRADE, UNHEATED	R-10 FOR 24" BELOW	R-10 FOR 24" BELOW
SLAB-ON-GRADE, HEATED	R-10ci	R-15 FOR 36" BELOW + R-5 UNDERSLAB
OPAQUE DOORS (NON-SWINGING)	R-17.4 (OVERHEAD); R-11 (BI-FOLD)	R-4.75



EGRESS LEVEL 03 EGRESS PLAN 3

1/16" = 1'-0"



EGRESS LEVEL 01 EGRESS PLAN 1

1/16" = 1'-0"

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Revision Schedule

Number	Revision	Date
6	PERMIT REVISIONS	01.XX.21

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
EGRESS PLANS

Drawn by	Checked by
PJC	PJC

Date
OCTOBER 23, 2020

Job number
21917

Drawing set
CONSTRUCTION DOCUMENTS

Drawing number
G-004

OCCUPANT LOADS & EGRESS

		OCCUPANT LOAD					EGRESS WIDTHS				
ROOM NO.	ROOM NAME	OCCUPANCY TYPE	FUNCTION	ROOM AREA	OCCUPANT LOAD FACTOR	MAXIMUM OCCUPANCY	EXITS REQUIRED	EXITS PROVIDED	EXIT WIDTH REQUIRED (INCHES, FOR STAIRWAYS)	EXIT WIDTH PROVIDED	EXITS PROVIDED PER STORY
LEVEL 01											
101	LOBBY	ACCESSORY TO B	BUSINESS AREA	409 SF	100	4	1	1	0.8	68	1
102	DISPATCH	B	BUSINESS AREA	430 SF	100	4	1	1	0.8		
104	DISPATCH SUPER.	B	BUSINESS AREA	44 SF	100	0	1	1	0		
105	SAFE HAVEN & PERMITTING	B	BUSINESS AREA	110 SF	100	1	1	1	0.2		
106	RECORDS CLERK	B	BUSINESS AREA	315 SF	100	3	1	1	0.6		
107	RECORDS ARCHIVE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	148 SF	300	0	1	1	0		
108	ROLL CALL	A3	ASSEMBLY, UNCONCENTRATED	438 SF	15	29	1	1	5.8		
109	EVIDENCE	B	BUSINESS AREA	412 SF	100	4	1	1	0.8		
110	EVIDENCE PREP.	B	BUSINESS AREA	50 SF	100	1	1	1	0.2		
111	LUNCH ROOM	B	ASSEMBLY, UNCONCENTRATED	153 SF	15	10	1	1	2		
112	REPORT WRITING	B	BUSINESS AREA	71 SF	100	1	1	1	0.2		
113	SERGEANTS	B	ASSEMBLY, UNCONCENTRATED	221 SF	15	15	1	1	3		
114-A	HALL			86 SF							
114-B	HALL			285 SF							
116	INTERROGATION ROOM	B	ASSEMBLY, UNCONCENTRATED	121 SF	15	8	1	2	1.6		
117	VEST.	ACCESSORY TO B	(NOT INCL. IN NET AREA)	39 SF	100	0	1	1	0	34	1
118	CELL 1	B	BUSINESS AREA	71 SF	100	1	1	1	0.2		
119	BOOKING	B	BUSINESS AREA	368 SF	100	4	1	1	0.8		
119-A	HALL			103 SF							
120	SHOWER	ACCESSORY TO B	(NOT INCL. IN NET AREA)	59 SF	100	1	1	1	0.2		
121	HOLDING 6	ACCESSORY TO B	(NOT INCL. IN NET AREA)	79 SF	100	1	1	1	0.2		
123	SALLY PORT	S2	PARKING GARAGE	540 SF	200	3	1	1	0.6		
124	VEHICLE BAY	S2	PARKING GARAGE	503 SF	200	3	1	1	0.6		
125	VEHICLE BAY			421 SF							
126	K9 INT. KENNEL	ACCESSORY TO B	(NOT INCL. IN NET AREA)	103 SF	100	1	1	1	0.2		
128	BULK EVIDENCE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	131 SF	300	0	1	1	0		
129	VEST.	ACCESSORY TO B	(NOT INCL. IN NET AREA)	80 SF	100	1	1	1	0.2		
130	CELL 5	B	BUSINESS AREA	70 SF	100	1	1	1	0.2		
131	CELL 4	B	BUSINESS AREA	72 SF	100	1	1	1	0.2		
132	VEST.	ACCESSORY TO B	(NOT INCL. IN NET AREA)	80 SF	100	1	1	1	0.2		
133	CELL 3	B	BUSINESS AREA	72 SF	100	1	1	1	0.2		
134	CELL 2	B	BUSINESS AREA	72 SF	100	1	1	1	0.2		
135	SERVER/ E911	ACCESSORY TO B	(NOT INCL. IN NET AREA)	268 SF	300	1	1	1	0.2		
136	JANITOR			73 SF							
139	TRAINING STORAGE	ACCESSORY TO A3	(NOT INCL. IN NET AREA)	101 SF	300	0	1	1	0		
139	TRAINING/ EMERGENCY OPS	A3	ASSEMBLY, UNCONCENTRATED	1,090 SF	15	73	2	2	14.6		
STAIR 2	STAIR 2			224 SF						34	1
						174			34.8	136	3
LEVEL 01a											
141	APPARATUS BAYS	S1	PARKING GARAGE	9,965 SF	200	50	1	2	10	68	2
141A	MAINTENANCE WORKSHOP	ACCESSORY TO B	(NOT INCL. IN NET AREA)	121 SF	100	1	1	1	0.2		
141B	TRAFFIC LIGHT WORKSHOP	ACCESSORY TO B	(NOT INCL. IN NET AREA)	55 SF	100	1	1	1	0.2		
142	WATCH RM	B	BUSINESS AREA	116 SF	100	1	1	1	0.2		
143	PLUMBING/ WATER ENTRY	ACCESSORY TO B	(NOT INCL. IN NET AREA)	163 SF	300	1	1	1	0.2		
144	GEAR STORAGE	B	LOCKER ROOM	546 SF	50	11	1	1	2.2		
145	TURNOUT GEAR/ EQUIP. DECON	B	BUSINESS AREA	249 SF	100	2	1	1	0.4		
149	MEDICAL DECON./ LAUNDRY	B	BUSINESS AREA	195 SF	100	2	1	1	0.4		
150	SCBA FILL ROOM	ACCESSORY TO B	(NOT INCL. IN NET AREA)	124 SF	300	0	1	1	0		
151	MEDICAL SUPPLIES	ACCESSORY TO B	(NOT INCL. IN NET AREA)	137 SF	300	0	1	1	0		
152	OXYGEN STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	57 SF	300	0	1	1	0		
153	HOSE STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	161 SF	300	1	1	1	0.2		
154	BULK STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	184 SF	300	1	1	1	0.2		
STAIR 1	STAIR 1			176 SF						34	1
						71			14.2	102	3
LEVEL 02											
202	MECHANICAL	ACCESSORY TO B	(NOT INCL. IN NET AREA)	110 SF	300	0	1	1	0		
203	DAY ROOM & KITCHEN	R2	ASSEMBLY, UNCONCENTRATED	918 SF	15	61	2	1	12.2		
204	JANITOR & LAUNDRY	B	BUSINESS AREA	129 SF	100	1	1	1	0.2		
205	FITNESS	B	EXERCISE	648 SF	50	13	1	1	2.6		
206	LOCKER ROOM WOMEN	B	LOCKER ROOM	507 SF	50	10	1	1	2		
207	JANITOR	ACCESSORY TO B	(NOT INCL. IN NET AREA)	22 SF	300	0	1	1	0		
208	PATROL STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	88 SF	300	0	1	1	0		
209	ARMORY	B	BUSINESS AREA	175 SF	100	2	1	1	0.4		
210	LOCKER ROOM MEN	B	LOCKER ROOM	967 SF	50	19	1	1	3.8		
211	REPORT WRITING	B	BUSINESS AREA	223 SF	100	2	1	1	0.4		
212	STUDY/FUTURE DORM	R2	DORMITORIES	169 SF	50	3	1	1	0.6		
212A	LOCKER			62 SF							
213	STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	27 SF	300	0	1	1	0		
214	EL. MACHINE ROOM	ACCESSORY TO B	(NOT INCL. IN NET AREA)	43 SF	300	0	1	1	0		
215	ELECTRICAL	ACCESSORY TO B	(NOT INCL. IN NET AREA)	167 SF	300	1	1	1	0.2		
216	SINGLE DORM	R2	DORMITORIES	138 SF	50	3	1	1	0.6		
216A	LOCKER			49 SF							
217	SINGLE DORM	R2	DORMITORIES	136 SF	50	3	1	1	0.6		
217A	LOCKER			49 SF							
218	SINGLE DORM	R2	DORMITORIES	135 SF	50	3	1	1	0.6		
218A	LOCKER			48 SF							
219	SINGLE DORM	R2	DORMITORIES	137 SF	50	3	1	1	0.6		
219A	LOCKER			49 SF							
220	LIEUTENANT DORM	R2	DORMITORIES	144 SF	50	3	1	1	0.6		
220A	LOCKER			51 SF							
221	DOUBLE DORM W/(8) LOCKERS	R2	DORMITORIES	144 SF	50	3	1	1	0.6		
221A	LOCKER			110 SF							
222	RECYCLING	ACCESSORY TO B	(NOT INCL. IN NET AREA)	133 SF	300	0	1	1	0		
227	MAIN MECHANICAL	ACCESSORY TO B	(NOT INCL. IN NET AREA)	409 SF	300	1	1	1	0.2		
228	MAIN ELECTRICAL	ACCESSORY TO B	(NOT INCL. IN NET AREA)	272 SF	300	1	1	1	0.2		
229	TRAINING MEZZANINE	B	BUSINESS AREA	411 SF	100	4	1	2	0.8		
230	AIR COMPRESSOR	ACCESSORY TO B	(NOT INCL. IN NET AREA)	59 SF	300	0	1	1	0		
231	HAZ-MAT SUPPLIES	ACCESSORY TO B	(NOT INCL. IN NET AREA)	86 SF	300	0	1	1	0		
STAIR 1	STAIR 1			307 SF						34	1
STAIR 2	STAIR 2			224 SF						34	1
						136			27.2	68	2
LEVEL 03											
300	LOBBY	ACCESSORY TO B	(NOT INCL. IN NET AREA)	282 SF	100	3	1	1	0.6		
301	TEL./ DATA	ACCESSORY TO B	(NOT INCL. IN NET AREA)	39 SF	300	0	1	1	0		
302	JANITOR	ACCESSORY TO B	(NOT INCL. IN NET AREA)	37 SF	300	0	1	1	0		
305	ADMIN. ASSISTANT	B	BUSINESS AREA	206 SF	100	2	1	1	0.4		
305A	CLO			3 SF							
306	INTERVIEW ROOM	B	ASSEMBLY, UNCONCENTRATED	107 SF	15	7	1	1	1.4		
307	DETECTIVES & DET. SERGEANT	B	BUSINESS AREA	257 SF	100	3	1	1	0.6		
308	COURT PROSECUTOR	B	BUSINESS AREA	119 SF	100	1	1	1	0.2		
309	COMMUNITY SERVICES	B	BUSINESS AREA	131 SF	100	1	1	1	0.2		
310	SCHOOL RESOURCE OFFICER	B	BUSINESS AREA	116 SF	100	1	1	1	0.2		
311	CONFERENCE ROOM	B	ASSEMBLY, UNCONCENTRATED	234 SF	15	16	1	1	3.2		
312	POLICE CHIEF	B	BUSINESS AREA	202 SF	100	2	1	1	0.4		
312A	CLO			8 SF							
313	DEPUTY POLICE CHIEF	B	BUSINESS AREA	158 SF	100	2	1	1	0.4		
314	LIEUTENANT OPERATIONS	B	BUSINESS AREA	150 SF	100	2	1	1	0.4		
315	LIEUTENANT ADMIN.	B	BUSINESS AREA	162 SF	100	2	1	1	0.4		
316	ADMIN. SERGEANT	B	BUSINESS AREA	153 SF	100	2	1	1	0.4		
317	COPIER	ACCESSORY TO B	BUSINESS AREA	80 SF	300	0	1	1	0		
320	COPIER	ACCESSORY TO B	BUSINESS AREA	99 SF	300	0	1	1	0		
321	PLAN STORAGE	ACCESSORY TO B	(NOT INCL. IN NET AREA)	143 SF	300	0	1	1	0		
322	CONFERENCE ROOM	B	ASSEMBLY, UNCONCENTRATED	241 SF	15	16	1	1	3.2		
323	FIRE CHIEF	B	BUSINESS AREA	187 SF	100	2	1	1	0.4		
323 A	CLO			8 SF							
324	DEPUTY FIRE CHIEF	B	BUSINESS AREA	148 SF	100	1	1	1	0.2		
325	CAPTAIN	B	BUSINESS AREA	122 SF	100	1	1	1	0.2		
326	LIEUTENANTS	B	BUSINESS AREA	162 SF	100	2	1	1	0.4		
327	ADMIN. ASSISTANT	B	BUSINESS AREA	127 SF	100	1	1	1	0.2		
328	ARCHIVE	ACCESSORY TO B	BUSINESS AREA	164 SF	100	2	1	1	0.4		
329	ELECT.	ACCESSORY TO B	(NOT INCL. IN NET AREA)	121 SF	300	0	1	1	0		
330	TRAINING OFFICER/ EMS	B	BUSINESS AREA	237 SF	100	2	1	1	0.4		
STAIR 1	STAIR 1			209 SF						34	1
STAIR 2	STAIR 2			224 SF						34	1
						71			14.2	68	2
TOTAL MAXIMUM OCCUPANTS AND TOTAL EGRESS						452			90.4	374	10

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Revision Schedule

Number	Revision	Date
6	PERMIT REVISIONS	01.XX.21

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
CODE REVIEW TABLES

PJC Drawn by | PJC Checked by

Date
OCTOBER 23, 2020

Job number
21917

Drawing set
CONSTRUCTION DOCUMENTS

Drawing number
G-005

REFERENCE

1. PROJECT LOCATION: 12-16 UNION STREET, ASHLAND, MA 01721
   ASSESSOR'S MAP 150, PORTIONS OF LOTS 76, 77, AND 78.
2. EXISTING CONDITIONS MAPPING TAKEN FROM PLAN ENTITLED "TOPOGRAPHIC PLAN OF LAND 1 EAST UNION STREET AND 12-16 UNION STREET (ROUTE 135) MIDDLESEX COUNTY ASHLAND, MASS. PREPARED BY GUERRIERE & HALNON, INC. DATED APRIL 7, 2020.
3. WETLAND FLAGS IDENTIFYING WETLAND RESOURCE AREAS WERE PLACED BY PARE CORPORATION ON SEPTEMBER 11, 2018 AND LOCATED BY GUERRIERE & HALNON, INC.

GENERAL NOTES

1. THE COMMONWEALTH OF MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE CONSTRUCTION, 2020 EDITION OR LATEST REVISION, AND THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION CONSTRUCTION STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. ALL WORK SHALL MEET OR EXCEED THE MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, WITH LATEST REVISIONS. THE LATEST REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION.
2. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS IN ACCORDANCE WITH OSHA FEDERAL, STATE, AND LOCAL REQUIREMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEERS APPROVAL.
5. IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND COORDINATE ANY DEVIATIONS WITH THE ENGINEER AND OWNER.
6. ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
7. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
8. ALL SIGNS SHALL BE REFLECTORIZED TYPE III SHEETING AND CONFORM WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST REVISION.
9. ALL UNDERGROUND UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY AND ALL DAMAGE TO EXISTING UTILITIES OR STRUCTURES, DEPICTED OR NOT DEPICTED ON THE PLANS SHALL BE THE CONTRACTORS RESPONSIBILITY. COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.
10. NO EXCAVATION SHALL BE DONE UNTIL COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.
11. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED NEW AND IN GOOD WORKING CONDITION. REUSED MATERIALS ON SITE SHALL ONLY BE AS SPECIFICALLY NOTED ON THE PLAN SET.

LAYOUT NOTES

1. ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. ACCESSIBLE RAMPS SHALL BE PER THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING BENCHMARKS ON SITE. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PERFORM BENCHMARK FIELD LEVEL VERIFICATION AND COORDINATE LAYOUT CHECK. THE CONTRACTOR SHALL CONTACT PARE CORPORATION IF ANY DISCREPANCIES ARE FOUND.
4. DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB. DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB.
5. ALIGN WALKWAYS ON DOORWAYS THEY SERVE TO PROVIDE MINIMUM REQUIRED MANEUVERING CLEARANCE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, GRADING, UTILITY, AND LANDSCAPING DRAWINGS.
2. ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. THE CONTRACTOR SHALL COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, OWNER AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
3. WATER, SEWER, DRAINAGE, GAS, AND ALL OTHER SITE UTILITIES SERVICING THE EXISTING FACILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION.
4. THERE SHALL BE NO INTERRUPTION OF UTILITY SERVICES DURING THE CONSTRUCTION OPERATION WITHOUT APPROVAL OF THE OWNER AND THE RESPECTIVE UTILITY OWNER/DEPARTMENT.

GRADING AND UTILITY NOTES

1. ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.
2. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
3. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
4. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.
5. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION SHALL BE PROVIDED ON A SKETCH TO SCALE OF THE EXISTING UTILITY WITH TIES TO KNOWN POINTS, PHOTOS AND FURNISHED TO THE ENGINEER FOR RESOLUTION.
6. THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS SHALL BE RESTORED TO ORIGINAL CONDITION.
7. PROPOSED GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.
8. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
9. ALL GRAVITY SANITARY PIPING SHALL BE SDR-35 PVC. ALL SEWER CONSTRUCTION SHALL CONFORM TO THE ASHLAND SEWER DEPARTMENT REGULATIONS.
10. ALL PROPOSED WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE ASHLAND WATER DEPARTMENT SPECIFICATIONS AND SHALL BE INSPECTED BEFORE, DURING, AND AFTER CONSTRUCTION PRIOR TO TAPPING THE SERVICE MAIN.
11. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
12. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT.
13. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5%, NO TOLERANCE, AS SHOWN ON CONSTRUCTION DETAILS AND GRADING PLAN.

CATCH BASINS WITH SUMPS INSPECTION, MAINTENANCE, AND REPAIR NOTES

1. INSPECTIONS SHALL BE PERFORMED A MINIMUM OF TWO TIMES PER YEAR (SPRING/FALL). UNITS SHALL BE CLEANED ANNUALLY AND WHENEVER THE DEPTH OF SEDIMENT IS GREATER THAN OR EQUAL TO HALF THE SUMP DEPTH.
2. THE INLET GRATE SHALL NOT BE WELDED TO THE FRAME OR PAVED OVER SO THAT THE SUMP CAN BE EASILY INSPECTED AND MAINTAINED.
3. CARE SHALL BE TAKEN TO AVOID DAMAGING AND DISPLACING HOODS PLACED ON HOODED OUTLETS DURING CLEANING.

EROSION AND SEDIMENTATION CONTROL NOTES – MASSACHUSETTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP) AND THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL PREPARE AND SUBMIT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL PREPARE AND SUBMIT AN ELECTRONIC NOTICE OF INTENT (eNOI) WITH THE EPA IN ACCORDANCE WITH THE NDPES PERMIT REQUIREMENTS PRIOR TO CONSTRUCTION.
4. SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS" AND THE NOTES AND DETAILS SHOWN IN THIS PLAN SET.
5. THE INTENT OF THE PLANS PROVIDED IS TO CONTROL EROSION ON THE SITE. THE CONTRACTOR SHALL UTILIZE THE PLANS PROVIDED, HOWEVER THE CONTRACTOR IS, AT ALL TIMES, RESPONSIBLE FOR THE CONTROL OF EROSION ON THE SITE. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
6. PERIMETER CONTROLS SHALL BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO INITIATING ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL REPRESENT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND THE LIMIT OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.
7. CONSTRUCTION SHALL BE PHASED TO LIMIT THE AREA OF EXPOSED SOIL AND THE DURATION OF EXPOSURE. ALL DISTURBED AREAS SHALL BE TEMPORARILY AND/OR PERMANENTLY STABILIZED WITHIN 14 DAYS FOLLOWING COMPLETION OF GRADING ACTIVITIES.
8. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
9. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND AFTER EACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT THE EROSION CONTROL BARRIERS ARE INTACT.
10. CLEAN AND MAINTAIN SEDIMENTATION CONTROL BARRIERS WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF THE BARRIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIER SHALL BE REMOVED AS NECESSARY AND DISPOSED IN AN UPLAND AREA.
11. THE CONTRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL TIMES FOR EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.
12. THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.
13. SOIL AND OTHER MATERIALS RESULTING FROM SITE CLEARING MAY BE RECYCLED AND/OR REUSED ON THE SITE AS APPROPRIATE. WASTE MATERIALS SHALL BE REMOVED FROM THE SITE, AT NO ADDITIONAL COST TO THE OWNER.
14. CRUSHED STONE CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS.
15. TEMPORARY DIVERSIONS (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIP PILES, COIR LOGS, OR SIMILAR MATERIALS.
16. TEMPORARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TS) SHALL BE SIZED BY THE CONTRACTOR USING THE PARAMETERS CONTAINED IN THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.
17. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
18. CATCH BASINS AND STORM DRAINS SHALL BE PROTECTED WITH INLET PROTECTION IN PAVED AREAS UNTIL CONTRIBUTING AREA IS PERMANENTLY STABILIZED.
19. DEWATERING WASTEWATER PUMPED FROM EXCAVATIONS SHALL BE CONVEYED BY HOSE TO AN UPLAND AREA AND DISCHARGED INTO A DEWATERING BASIN, HAY BALE CORRALS, OR SEDIMENTATION BAGS.
20. CONSTRUCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION IN ACCORDANCE WITH THE LOCAL AND STATE REGULATIONS, AT NO ADDITIONAL COST TO THE OWNER.
21. RIPRAP OR OTHER ENERGY DISSIPATERS SHALL BE USED WHERE NECESSARY TO CONTROL EROSION.
22. ANY EQUIPMENT THAT IS NOT READILY MOBILE (TRACK MACHINERY) SHALL BE PARKED WITHIN THE PROJECT LIMIT OF DISTURBANCE. LARGE AND/OR BULKY MATERIALS SHALL BE STORED SUCH THAT THEY DO NOT INTERFERE WITH THE ONGOING CONSTRUCTION ACTIVITIES OR EROSION CONTROL MEASURES.
23. NEWLY VEGETATED AREAS SHALL BE REGULARLY INSPECTED AND MAINTAINED TO ENSURE THE ESTABLISHMENT OF STABLE VEGETATED SURFACES.
24. THE CONTRACTOR SHALL NOT REMOVE ANY COMPOST FILTER SOCKS OR OTHER EROSION CONTROLS UNTIL THE CONTRIBUTING AREA IS PERMANENTLY STABILIZED.
25. ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF THE FINAL PROJECT.
26. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.

STORMWATER MANAGEMENT SYSTEM INSPECTION AND MAINTENANCE NOTES

DURING CONSTRUCTION (CONTRACTOR'S RESPONSIBILITY)

1. THE CONTRACTOR SHALL REMOVE SEDIMENT AND DEBRIS FROM ALL CATCH BASINS, MANHOLES, AND THE DRAINAGE SYSTEM ON A ROUTINE BASIS, IMMEDIATELY FOLLOWING SITE STABILIZATION, AND PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.
2. THE CLOSED DRAINAGE SYSTEM AND ASSOCIATED STRUCTURES SHALL BE CLEANED AND FLUSHED BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM UNTIL ACCEPTANCE OF THE SYSTEM BY THE ENGINEER AND THE TOWN OF ASHLAND. FOLLOWING ACCEPTANCE OF THE PROPOSED DRAINAGE SYSTEM, THE OWNER OF THE SITE SHALL BE RESPONSIBLE FOR THE LONG-TERM INSPECTION AND MAINTENANCE OF THE DRAINAGE SYSTEM.
3. ANY ACCUMULATION OF PONDING WATER IN AREAS WITHIN THE LIMITS OF DISTURBANCE, OTHER THAN DESIGNATED AREAS, SHALL BE REMOVED ACCORDINGLY AND PREVENTED IN THE FUTURE.

POST CONSTRUCTION (OWNER'S RESPONSIBILITY)

1. TRASH, LITTER, SEDIMENT AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER MANAGEMENT SYSTEM FACILITY (INCLUDING BUT NOT LIMITED TO CATCH BASINS, MANHOLES, INLETS, OUTLET STRUCTURES, AND STORMWATER BEST MANAGEMENT PRACTICES (BMPs)) AT LEAST TWICE A YEAR, ONCE IN THE SPRING AND ONCE IN THE FALL, AT THE COST OF THE OWNER.
2. THE PARKING LOT, ENTRY DRIVES, AND SIDEWALKS SHALL BE SWEPT BY THE OWNER AS EARLY AS POSSIBLE EVERY SPRING AND ONCE IN THE FALL TO REMOVE SEDIMENTS.
3. ALL CLEANING AND MAINTENANCE OF STORMWATER MANAGEMENT SYSTEMS POST-CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE OWNER.

UNDERGROUND INFILTRATION/DETENTION SYSTEM BASIN INSPECTION, MAINTENANCE, AND REPAIR NOTES

FOLLOWING ACCEPTANCE OF THE FACILITIES, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE OWNER.

1. THE SYSTEM SHALL BE MAINTAINED AS RECOMMENDED BY THE MANUFACTURER.
2. FOLLOWING STORM EVENTS WITH RAINFALL EXCEEDING 3.1"
   - INSPECT INFILTRATION/DETENTION SYSTEM FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY THE OWNER.
3. BI-ANNUALLY
   - INSPECTIONS SHALL BE PERFORMED A MINIMUM OF TWO TIMES PER YEAR ON THE INSPECTION PORTS AND DRAINAGE STRUCTURES AND OUTLET CONTROL STRUCTURES OF THE UNDERGROUND INFILTRATION/DETENTION SYSTEM TO ENSURE PROPER OPERATION OF THE SYSTEM.

TREE BOX FILTER INSPECTION, MAINTENANCE, AND REPAIR NOTES

FOLLOWING ACCEPTANCE OF THE FACILITIES, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE OWNER.

1. INSPECTIONS, MAINTENANCE, AND REPAIRS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. HYDRODYNAMIC SEPARATORS SHALL BE INSPECTED TWICE A YEAR TO MONITOR ACCUMULATED SEDIMENT.
3. THE STRUCTURE SHOULD BE CLEANED WHEN THE SEDIMENT HAS ACCUMULATED TO A DEPTH OF TWO FEET IN THE TREATMENT CHAMBER. THIS DETERMINATION CAN BE MADE BY TAKING TWO MEASUREMENTS WITH A STADIA ROD OR SIMILAR MEASURING DEVICE; ONE MEASUREMENT FROM THE MANHOLE OPENING TO THE TOP OF THE SEDIMENT PILE AND THE OTHER FROM THE MANHOLE OPENING TO THE WATER SURFACE.

TREE BOX FILTER INSPECTION, MAINTENANCE, AND REPAIR NOTES

FOLLOWING ACCEPTANCE OF THE FACILITIES, THE COMPLETION OF THE INSPECTION AND MAINTENANCE REQUIREMENTS BELOW SHALL BE THE RESPONSIBILITY OF THE OWNER.

1. THE TREE FILTER SHALL BE INSPECTED AFTER EVERY MAJOR STORM OF 3.1" OR GREATER FOR TRASH, DEBRIS, SEDIMENT, EROSION, STANDING WATER, AND OVERALL PERFORMANCE. DEFECTS SHALL BE REPAIRED BY THE OWNER.
2. OWNER SHALL RE-MULCH TREE BOX FILTERS IN SPRING EVERY YEAR.
3. REMOVE ACCUMULATED SEDIMENT FROM THE FILTER AREA ANNUALLY IN THE SPRING OR IF SEDIMENT EXCEEDS 1 INCH IN THE FILTER AREA. REMOVE ACCUMULATED SEDIMENT FROM THE SEDIMENT FOREBAY QUARTERLY OR IF SEDIMENT REACHES HALF THE DESIGN DEPTH OR MORE.
4. THE TREE BOX FILTERS SHALL BE INSPECTED AFTER THE FIRST TWO STORM EVENTS OF 1" OR MORE IN THE FIRST 6 MONTHS AFTER CONSTRUCTION.
5. IF PONDING EXCEEDS 48 HOURS, REMOVE AND REPLACE DISCOLORED SURFACE MATERIAL.
6. IF RUNOFF TAKES MORE THAN 36 HOURS TO FLOW FROM THE SEDIMENT FOREBAY TO THE TREE BOX FILTERS, THE SPILLWAY SHALL BE CLEANED.

LEGEND

LEGEND:

		EXISTING	PROPOSED
ATG	= ADJUST TO GRADE		
BOL	= BOLLARD		
CCW	= CEMENT CONCRETE WALK		
CFS	= COMPOST FILTER SOCK (SEE DETAIL)		
CM	= SAWCUT AND MATCH	X 407.5	
CP	= CONCRETE PAD		
CSTR	= CONCRETE STAIRS (SEE DETAIL)		
CTE	= CONNECT TO EXISTING		
CW	= CROSS WALK (SEE DETAIL)		
GC	= GRANITE CURB		
GTC	= GRANITE TRANSITION CURB		
GV	= GATE VALVE		
HMA	= HOT MIXED ASPHALT PAVEMENT (SEE DETAIL)		
HYD	= HYDRANT		
RTAD	= REFER TO ARCHITECTURAL DRAWINGS		
RTED	= REFER TO ELECTRICAL DRAWINGS		
RTLD	= REFER TO LANDSCAPE DRAWINGS		
RTPD	= REFER TO PLUMBING DRAWINGS		
R&D	= REMOVE AND DISPOSE		
R&R	= REMOVE AND RESET		
R&S	= REMOVE AND STOCKPILE		
SHP	= ACCESSIBLE PARKING PAVEMENT MARKING (SEE DETAIL)		
SRW	= SEGMENTAL RETAINING WALL		
TGP	= TREE GROUP PROTECTION		
TIP	= TEMPORARY INLET PROTECTION		
VCP	= VEHICULAR CONCRETE PAVEMENT		
WQS-X	= WATER QUALITY STRUCTURE		
4DY	= 4" DOUBLE YELLOW EPOXY RESIN PAVEMENT MARKING		
4W	= 4" SOLID WHITE EPOXY RESIN PAVEMENT MARKING		
6W	= 6" SOLID WHITE EPOXY RESIN PAVEMENT MARKING		
12W	= 12" SOLID WHITE EPOXY RESIN PAVEMENT MARKING		

	EXISTING	PROPOSED
PROPERTY LINE		
SETBACKS		
EASEMENT LINE		
MAJOR CONTOUR		
MINOR CONTOUR	255	252
SPOT ELEVATION		×281.5
DRAINAGE LINE	D D	D D
WATER LINE	W W	W W
SANITARY SEWER LINE	S S	S S
ELECTRIC	E E	E E
TELEPHONE LINE	T T	T T
OVERHEAD ELECTRIC LINE	OHW OHW	OHW
LIMIT OF DISTURBANCE/ COMPOST FILTER SOCK		LOD/CFS
LIMIT OF DISTURBANCE		LOD
CATCH BASIN		
HYDRANT		
DRAINAGE MANHOLE		
SEWER MANHOLE		
TELEPHONE MANHOLE		
UTILITY POLE		
GUY		
WATER VALVE	WV WV	WV
GAS GATE		
LIGHT POLE		
TREE LINE		
STONE WALL		
GUARDRAIL		
CURBING		
EDGE OF PAVEMENT		
SAWCUT LINE		
SIGN		
COMPOST FILTER SOCK		
NO. OF PARKING SPACES		#
WETLAND EDGE		
25' NO DISTURB ZONE		
100' BUFFER		
TREEBOX FILTER		
DETECTABLE WARNING PAD		
CURB STOP		
WALL HIDDEN		

CONSTRUCTION NOTES – MASSDOT STANDARDS

- (106.3.0) = METHOD OF SETTING VERTICAL CURB – M.A. STD. 106.3.0
- (107.2.0) = WHEELCHAIR RAMPS FOR LESS THAN 12'-4" SIDEWALK – M.A. STD. 107.2.0
- (107.6.0) = WHEELCHAIR RAMPS FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL – M.A. STD. 107.6.0
- (107.6.5) = DETECTABLE WARNING PANEL FOR WHEELCHAIR RAMPS – M.A. STD. 107.6.5
- (107.9.0) = CURB TRANSITION LENGTH FOR WHEELCHAIR RAMPS – M.A. STD. 107.9.0
- (201.4.0) = PRECAST CONCRETE CATCH BASIN – M.A. STD. 201.4.0
- (201.6.0) = CATCH BASIN FRAME – M.A. STD. 201.6.0
- (201.12.0) = CATCH BASIN HOOD – M.A. STD. 201.12.0
- (202.4.0) = PRECAST CONCRETE MANHOLES 9' OR LESS IN DEPTH – M.A. STD. 202.4.0
- (202.6.0) = MANHOLE FRAME AND COVER – A FRAME – M.A. STD. 202.6.0
- (202.8.0) = MANHOLE COVER DETAILS – M.A. STD. 202.8.0

ZONING TABLE			
EXISTING ZONE: WILDWOOD MIXED USE SPECIAL DISTRICT (WMUSD) MUNICIPAL BUILDINGS ARE ALLOWED BY RIGHT			
TOTAL LOT AREA* = 166,400 SF± (3.82 AC±)			
BUILDING AREA GROSS FLOOR AREA = 42,000 SF±			
	REQUIRED	EXISTING	PROPOSED
BUILDING SETBACK		NO EXIST. BLDG	
FRONT SETBACK	25 FT	N/A	56 FT
SIDE SETBACK	25 FT	N/A	57 FT (FIRING RANGE)
REAR SETBACK	50 FT	N/A	78 FT (CARPORT)
MINIMUM LOT AREA	40,000 SF	166,400 SF±	166,400 SF±
MINIMUM LOT WIDTH	150 FT	447 FT	447 FT
MAXIMUM NO. OF STORIES	5	N/A	3

* THE PARCEL WAS SUBDIVIDED IN 2019 THROUGH AN ANR PROCESS. THE PARCEL INCLUDES PORTIONS OF PARCELS PREVIOUSLY DESIGNATED ON THE TOWN OF ASHLAND ASSESSOR'S MAP 15, LOT 76 AND 77, AND THE ENTIRE PARCEL PREVIOUSLY DESIGNATED ON THE ASSESSOR'S MAP 15, LOT 78.

PARKING SUMMARY		
	REQUIRED	PROPOSED
STANDARD SPACES (9'x20')	**	66
ACCESSIBLE SPACES *	3	3
TOTAL SPACES	**	69

* ADA REQUIREMENT FOR PARKING LOT 51 TO 75 TOTAL SPACES = 3 SPACES

** PER SECTION 5.1.2 TABLE IN THE TOWN OF ASHLAND ZONING BY-LAWS, PARKING REQUIREMENTS FOR USES NOT LISTED INDICATED AS "OTHERS" ARE "INDIVIDUALLY DETERMINED BY THE BUILDING INSPECTOR UPON ADVISORY REPORT OF THE PLANNING BOARD WHERE REQUIRED IN COMPLIANCE WITH SECTION 9.4, SITE PLAN REVIEW".

ABBREVIATIONS

ADA = AMERICANS WITH DISABILITIES ACT
ASSF = AREA SUBJECT TO STORM FLOWAGE
BM = BENCHMARK
BMP = BEST MANAGEMENT PRACTICE
BIT. = BITUMINOUS
BOT. = BOTTOM
BC = BOTTOM OF CURB (FINISHED GRADE ON LOW SIDE OF CURB)
BS = BOTTOM OF STAIR (FINISHED GRADE AT BOTTOM STAIR)
BW = BOTTOM OF WALL (FINISHED GRADE ON LOW SIDE OF WALL)
CI = CAST IRON
CB = CATCH BASIN, 4' DIA. UNLESS OTHERWISE NOTED
CLDI = CEMENT-LINED DUCTILE IRON
CL. = CLASS
CO = CLEANOUT
CMR = CODE OF MASSACHUSETTS REGULATIONS
CONC. = CONCRETE
CC = CONCRETE CURB, VERTICAL
DEMO = DEMOLITION
DIA = DIAMETER
DIV = DIVERSION
DYL = DOUBLE YELLOW LINE
DMH = DRAIN MANHOLE
EOP = EDGE OF PAVEMENT
ELEV.£L = ELEVATION
EX, EXIST. = EXISTING
EXCB = EXISTING CATCH BASIN
EXDMH = EXISTING DRAIN MANHOLE
FFE = FINISH FLOOR ELEVATION
FT = FOOT
FND. = FOUND
GTD = GRADE TO DRAIN
GRAN. = GRANITE
HDPE = HIGH DENSITY POLYETHYLENE PIPE
HMA = HOT MIX ASPHALT
HYD = HYDRANT
I.D. = INNER DIAMETER
INV. = INVERT
LOD = LIMIT OF DISTURBANCE
LP = LOW POINT
MUTCD = MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
MAX. = MAXIMUM
MIN. = MINIMUM
MON. = MONITORING
NTS, N.T.S. = NOT TO SCALE
OWS = OIL WATER SEPARATOR
OCS = OUTLET CONTROL STRUCTURE
PERF. = PERFORATED
PE = POLYETHYLENE
PVC = POLYVINYL CHLORIDE
R=x' = RADIUS
RCP = REINFORCED CONCRETE PIPE
MASSDEP = MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION
MASSDOT = MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
MASSDOT STD. = MASSACHUSETTS STANDARD
SMH = SEWER MANHOLE
SWL = SINGLE SOLID WHITE LINE
SESC = SOIL EROSION AND SEDIMENT CONTROL

G-10190

APRIL 7, 2020

JEFFREY J. STEFANIK PLS DATE

COMMONWEALTH OF MASSACHUSETTS
JEFFREY J. STEFANIK No. 53070
REGISTERED PROFESSIONAL LAND SURVEYOR

MASSACHUSETTS STATE PLANE
COORDINATE SYSTEM (NAD83)

WAVERLEY STREET (ROUTE 135)
EAST UNION STREET (PUBLIC - VARIABLE WIDTH)
UNION STREET (ROUTE 135)
(PUBLIC - VARIABLE WIDTH)

LOT 7
AREA=20,853 SF

PROPOSED 20' TEMP. GRADING EASEMENT
PROPOSED 25' WIDE EASEMENT
PROPOSED 20' TEMP. GRADING EASEMENT

PARCEL "A"
AREA=2,564 SF

PARCEL "B"
AREA=46,302 SF

PARCEL "C"
AREA=99,255 SF

PARCEL "D"
AREA=369,737 SF

LOT B
AREA=166,410 SF
(3.82 ACRES)

LOT C
AREA=372,300 SF
(8.55 ACRES)

LOT 12

LOT "A", LOT 7 AND LOT 12
N/F
58 EXCHANGE ASHLAND, LLC
BOOK 66338 PAGE 298
LC BOOK 1480 PAGE 259
(NOVEMBER 4, 2015)
TOTAL AREA=538,710 SF
(12.37 ACRES)

NON REGISTERED LAND
"LOT A"

LOT 2 AND 3
N/F
COWERN
LC BK 1113 PG 57
HS 17

LOT4
N/F
NORRIS
LC BK 1293
PG 86
HS 11

LOT 5
N/F
GILMAN
LC BK 922
PG 165
HS 7

N/F
TOWN OF ASHLAND
HIGH SCHOOL
BK 31742 PG 168
65 EAST UNION STREET

N/F
COMMONWEALTH OF
MASSACHUSETTS

N/F
"WILDWOOD CEMETERY"

WETLANDS
BORDERING VEGETATED WETLANDS
ISOLATED VEGETATED WETLAND

BENCHMARK NAIL
SET IN BIT APRON
EL=197.55'

BENCHMARK DRILL HOLE
SET IN CURB
EL=185.23'

TRAFFIC LIGHTS

TRAFFIC LIGHT CONTROL BOX

SMH UNABLE TO BE OPENED
SMH
RIM=193.36'
INV=XXX.XX'

SMH
RIM=189.73'
INV=179.83'

SMH
RIM=190.59'
INV=181.27'

SMH
RIM=183.78'
INV=178.90'

SMH
RIM=180.6'
INV=177.85'

SMH
RIM=198.89'
INV=191.59'

DMH
RIM=205.69'
INV(a)=199.99'
INV(b)=200.04'
INV(c)=199.99'
INV(out)=199.89'

DMH
RIM=193.23'
INV(in)=187.13'
INV(out)=187.33'

CB
RIM=206.56'
INV=201.26'

CB
RIM=206.89'
INV=201.49'

CB
RIM=187.51'
INV=178.86'

CB
RIM=184.61'
INV=178.76'

3'X2' STONE BOX CULVERT
OUTFALL=178.53'

3'X2' STONE BOX CULVERT INLET
BURIED GROUND
ELEV=182.27

CONC. BOUND W/DH SET

DH (FOUND)

STONE BOUND (FOUND)

I.PIPE (FOUND 1.5' FROM CORNER)

N44°58'20"E 78.92'
N49°58'20"E 40.00'
N35°57'05"E 291.82'
S33°37'39"E 359.78'
S44°36'08"E 88.16'
S44°36'08"E 327.59'
S44°27'44"E 278.37'
N45°32'16"W 375.22'
S45°32'25"W 73.00'
S42°28'14"E 362.78'
S42°28'14"E 255.85'
S33°23'12"W 111.23'
S33°23'12"W 37.00'
S59°30'57"W 37.36'
S68°11'52"W 60.75'
S46°13'15"W 62.22'
S57°32'44"W 168.40'
N37°37'36"W 137.77'
N49°59'53"W 207.63'
N37°58'10"W 37.08'
N40°42'34"W 169.84'
N37°58'10"W 24.35'
N51°27'30"E 31.75'
S51°27'30"E 55.08'
N51°27'30"W 350.38'
S82°54'36"W 265.81'
S81°14'08"W 213.23'

LEGEND

STONE WALL
STONE BOUND
DRILL HOLE

NOTES

1) SEE THE FOLLOWING PLANS RECORDED AT THE MIDDLESEX DISTRICT REGISTRY OF DEEDS–

PLAN 934 OF 2000
LC PLAN 14371D 1995
LC PLAN 14737B 1948
LC PLAN 14371A 1931
STATE LAYOUT 4365 1955

2) THE FIELD SURVEY HAD A TOTAL LINEAR DISTANCE OF 3915.72' WITH A RAW CLOSURE OF 0.09' FOR AN ADJUSTMENT CALCULATED TO A PRECISION OF 1:43,508. THE TOTAL STATION USED WAS LEICA TS12.

3) I CERTIFY THAT THE LOTS SHOWN ON THIS PLAN HAVE FRONTAGE ON A PUBLIC WAY THAT WAS SHOWN ON PREVIOUS PLANS REFERENCED ABOVE, APPROVED IN ACCORDANCE WITH THE SUBDIVISION CONTROL LAW, OF AT LEAST SUCH DISTANCE, IF ANY, AS IS REQUIRED BY ORDINANCE OR BY-LAW OF SAID CITY OR TOWN FOR ERECTION OF A BUILDING ON SUCH LOT, AND IF NO DISTANCE IS SO REQUIRED, HAS SUCH FRONTAGE OF AT LEAST TWENTY FEET.

4) PLAN REFERS TO NAD 83 HORIZONTAL COORDINATE SYSTEM.

5) PLAN REFERS TO NAVD 88 VERTICAL DATUM.

6) WATER LINE SHOWN HEREON OWNED AND OPERATED BY THE TOWN OF ASHLAND.

LOT 7 AND LOT 12 ARE REGISTERED LAND
"LOT A" IS NON-REGISTERED LAND

PARCELS "B" AND "C" AND LOT 7 ARE TO BE COMBINED CREATING LOT B
CONSISTING OF 166,410 SQUARE FEET (3.82 ACRES)

PARCELS "A" AND "D" ARE TO BE COMBINED CREATING LOT C
CONSISTING OF 372,300 SQUARE FEET (8.55 ACRES)



OWNER:
58 EXCHANGE ASHLAND, LLC
120 QUARRY DRIVE
MILFORD MA 01757

TOPOGRAPHIC
PLAN OF LAND
1 EAST UNION STREET AND
12-16 UNION STREET (ROUTE 135)
MIDDLESEX COUNTY

ASHLAND, MASS.

SCALE: 1"=50'
DATE: APRIL 7, 2020

GRAPHIC SCALE: 1"=50'

0 10 20 30 40 50 75 100 150 FEET
0 5 10 15 20 30 40 METERS

Guerriere & Halnon, Inc.
ENGINEERING & LAND SURVEYING
333 WEST STREET
MILFORD, MA 01757
PH. (508) 473-6630
FX. (508) 473-8243
www.gandhengineering.com

SHEET 1 OF 1

G-10190

G:\C3DMilford\G-10190\DWG\G-10190 NAVD88 TOPO 2020-02-26.dwg

NOTES:

1. THE LATERAL EXTENT OF THE REMOVAL OF THE EXISTING FILL BEYOND THE FOOTPRINT OF THE PROPOSED BUILDING SHALL BE GOVERNED BY THE INFLUENCE ZONE OF THE PROPOSED PERIMETER FOOTINGS. THE INFLUENCE ZONE SHALL BE THE AREA BELOW A FOOTING DEFINED BY THE PROJECTION OF A LINE FROM TWO FOOT OUTSIDE OF EITHER EDGE OF THE FOOTING EXTENDING DOWNWARD AND OUTWARD AT A SLOPE OF 1V:1H.

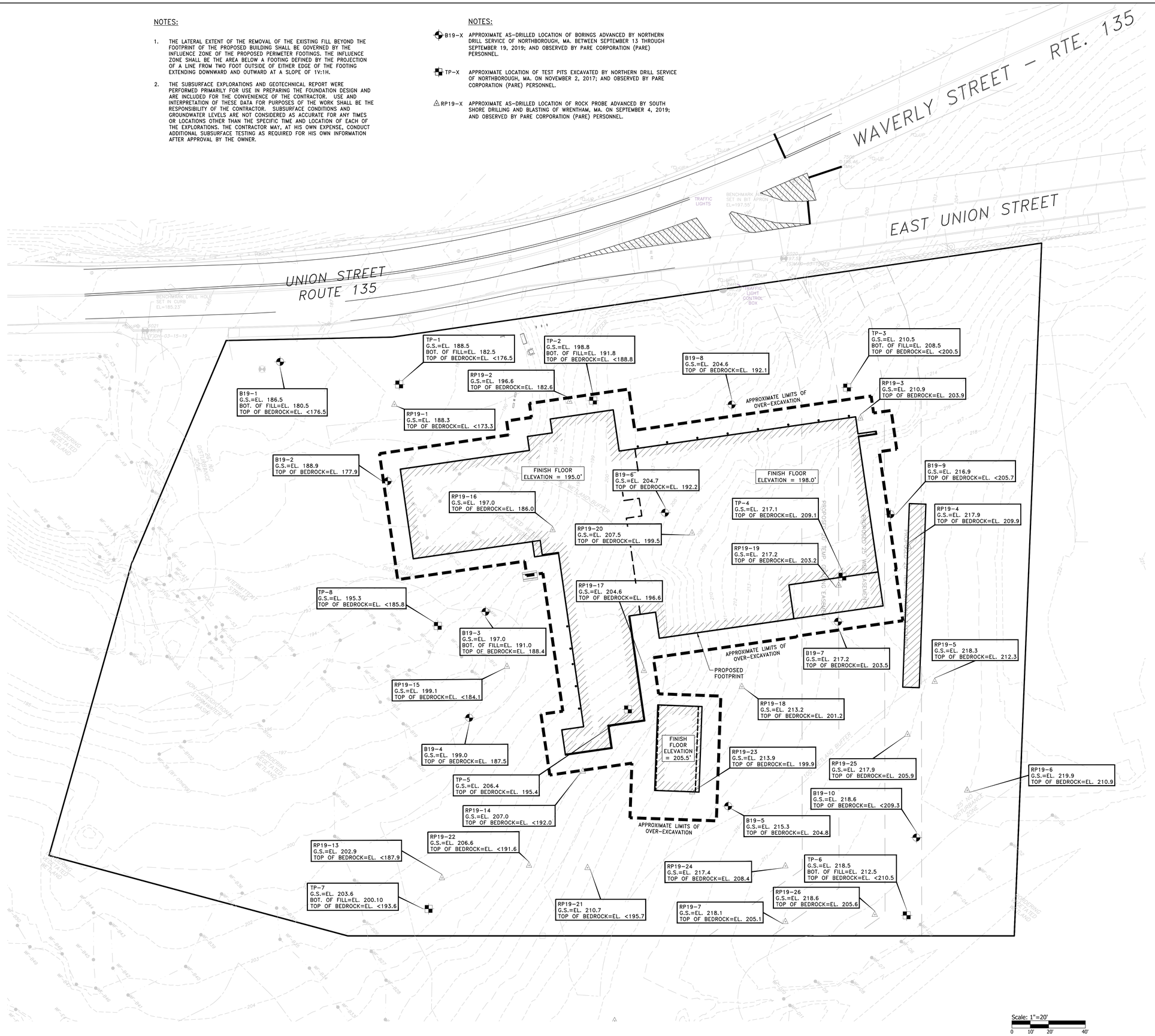
2. THE SUBSURFACE EXPLORATIONS AND GEOTECHNICAL REPORT WERE PERFORMED PRIMARILY FOR USE IN PREPARING THE FOUNDATION DESIGN AND ARE INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. USE AND INTERPRETATION OF THESE DATA FOR PURPOSES OF THE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSURFACE CONDITIONS AND GROUNDWATER LEVELS ARE NOT CONSIDERED AS ACCURATE FOR ANY TIMES OR LOCATIONS OTHER THAN THE SPECIFIC TIME AND LOCATION OF EACH OF THE EXPLORATIONS. THE CONTRACTOR MAY, AT HIS OWN EXPENSE, CONDUCT ADDITIONAL SUBSURFACE TESTING AS REQUIRED FOR HIS OWN INFORMATION AFTER APPROVAL BY THE OWNER.

NOTES:

B19-X APPROXIMATE AS-DRILLED LOCATION OF BORINGS ADVANCED BY NORTHERN DRILL SERVICE OF NORTHBOROUGH, MA. BETWEEN SEPTEMBER 13 THROUGH SEPTEMBER 19, 2019; AND OBSERVED BY PARE CORPORATION (PARE) PERSONNEL.

TP-X APPROXIMATE LOCATION OF TEST PITS EXCAVATED BY NORTHERN DRILL SERVICE OF NORTHBOROUGH, MA. ON NOVEMBER 2, 2017; AND OBSERVED BY PARE CORPORATION (PARE) PERSONNEL.

RP19-X APPROXIMATE AS-DRILLED LOCATION OF ROCK PROBE ADVANCED BY SOUTH SHORE DRILLING AND BLASTING OF WRENTHAM, MA. ON SEPTEMBER 4, 2019; AND OBSERVED BY PARE CORPORATION (PARE) PERSONNEL.



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Revision Schedule

Number	Revision	Date

Registrations

Consultants

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508-543-1755

Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

BUILDING PAD PREPARATION PLAN

AWB	LM
Drawn by	Checked by
OCTOBER 23, 2020	
Date	
17044.03	1" = 20'
Job number	
CONSTRUCTION DOCUMENTS	
Drawing set	

Drawing number

C-002

J:\2017 Jobs\17044.03 Ashland PS Complex Final Des & Eng\Arch\pro\C-002 Bldg Pad Prep Plan.dwg

EROSION AND SEDIMENT CONTROL NOTES:

1. THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM CONTROLS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SILT SACKS IN ALL EXISTING AND NEWLY INSTALLED CATCH BASINS UNTIL THE UPSTREAM AREA IS STABILIZED.
3. CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION ENTRANCES AT ALL POINTS OF EGRESS FROM THE SITE THROUGHOUT CONSTRUCTION.
4. THE CONTRACTOR SHALL MAINTAIN EROSION CONTROLS THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL REPLACE DAMAGED EROSION CONTROLS AT THE OWNER AND ENGINEER'S REQUEST AT NO ADDITIONAL EXPENSE TO THE OWNER.
5. THE CONTRACTOR SHALL NOT LEAVE DISTURBED AREAS UNSTABILIZED FOR PERIODS MORE THAN 14 DAYS. PROVIDE TEMPORARY SEED OR MULCH ON DISTURBED AREAS THAT WILL REMAIN EXPOSED FOR GREATER THAN 14 DAYS.
6. INSTALL EROSION CONTROLS DOWNSTREAM OF ANY DISTURBED AREAS TO REDUCE POTENTIAL FOR EROSION. CONTRACTOR SHALL INDICATE LOCATIONS OF EROSION CONTROLS FOR REVIEW WITH GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
7. REFER TO C-001 "NOTES AND LEGEND" FOR ADDITIONAL NOTES.

LEGEND:

TP1 — PRIOR TO COMMENCING WORK, CONTRACTOR SHALL EXCAVATE TEST PIT TO CONFIRM LOCATION, ELEVATION, AND SIZE OF UTILITY. CONTRACTOR SHALL CONFIRM EXISTING SUMP IN CATCH BASIN, CREATE A SUMP, OR INSTALL NEW SUMP. PROVIDE INFORMATION TO ENGINEER. CONTRACTOR SHALL SUBMIT PROPOSED CONNECTION INTO THE EXISTING CATCH BASIN/STONE BOX CULVERT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

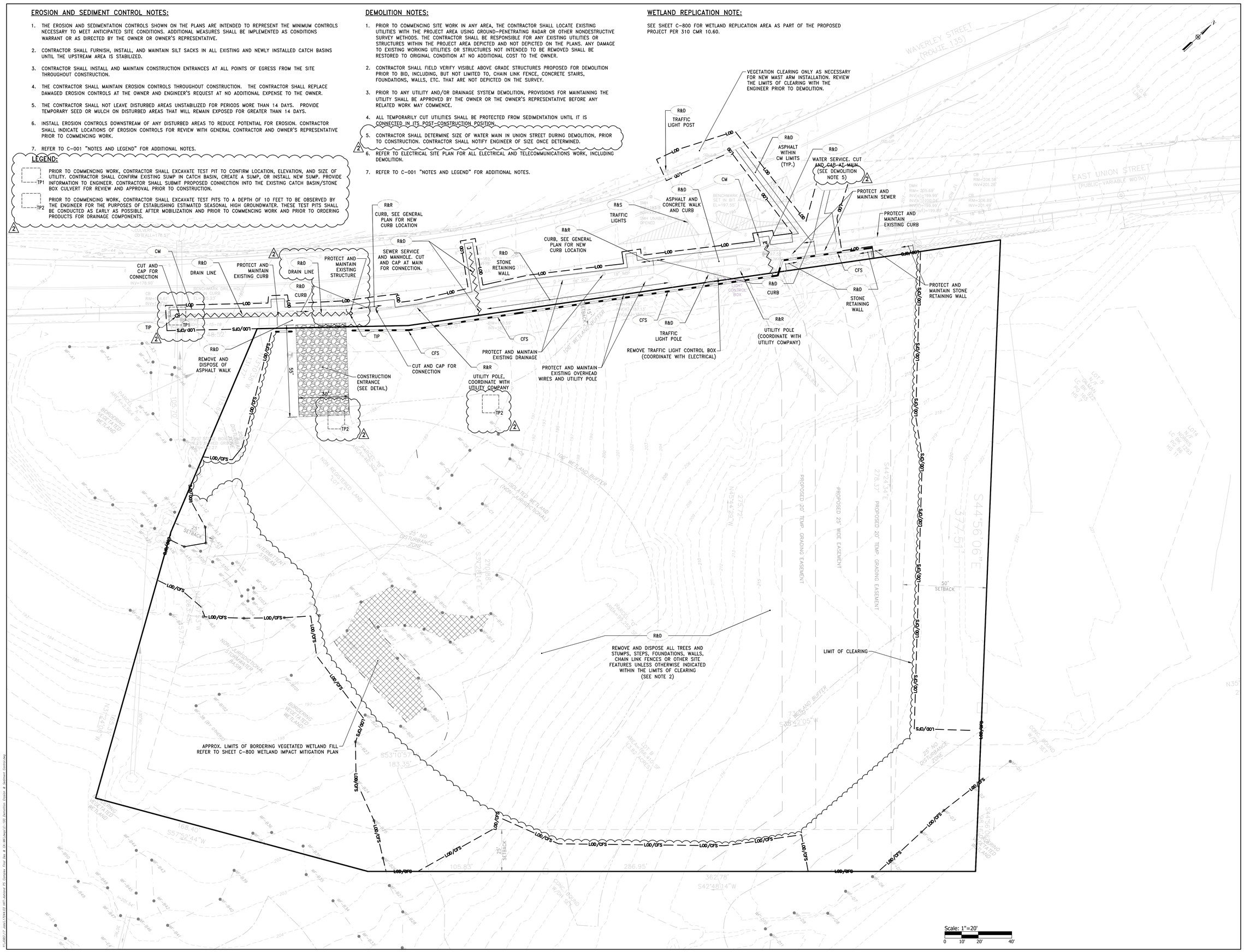
TP2 — PRIOR TO COMMENCING WORK, CONTRACTOR SHALL EXCAVATE TEST PITS TO A DEPTH OF 10 FEET TO BE OBSERVED BY THE ENGINEER FOR THE PURPOSES OF ESTABLISHING ESTIMATED SEASONAL HIGH GROUNDWATER. THESE TEST PITS SHALL BE CONDUCTED AS EARLY AS POSSIBLE AFTER MOBILIZATION AND PRIOR TO COMMENCING WORK AND PRIOR TO ORDERING PRODUCTS FOR DRAINAGE COMPONENTS.

DEMOLITION NOTES:

1. PRIOR TO COMMENCING SITE WORK IN ANY AREA, THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES WITH THE PROJECT AREA USING GROUND-PENETRATING RADAR OR OTHER NONDESTRUCTIVE SURVEY METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EXISTING UTILITIES OR STRUCTURES WITHIN THE PROJECT AREA DEPICTED AND NOT DEPICTED ON THE PLANS. ANY DAMAGE TO EXISTING WORKING UTILITIES OR STRUCTURES NOT INTENDED TO BE REMOVED SHALL BE RESTORED TO ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
2. CONTRACTOR SHALL FIELD VERIFY VISIBLE ABOVE GRADE STRUCTURES PROPOSED FOR DEMOLITION PRIOR TO BID, INCLUDING, BUT NOT LIMITED TO, CHAIN LINK FENCE, CONCRETE STAIRS, FOUNDATIONS, WALLS, ETC. THAT ARE NOT DEPICTED ON THE SURVEY.
3. PRIOR TO ANY UTILITY AND/OR DRAINAGE SYSTEM DEMOLITION, PROVISIONS FOR MAINTAINING THE UTILITY SHALL BE APPROVED BY THE OWNER OR THE OWNER'S REPRESENTATIVE BEFORE ANY RELATED WORK MAY COMMENCE.
4. ALL TEMPORARILY CUT UTILITIES SHALL BE PROTECTED FROM SEDIMENTATION UNTIL IT IS CONNECTED IN ITS POST-CONSTRUCTION POSITION.
5. CONTRACTOR SHALL DETERMINE SIZE OF WATER MAIN IN UNION STREET DURING DEMOLITION, PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF SIZE ONCE DETERMINED.
6. REFER TO ELECTRICAL SITE PLAN FOR ALL ELECTRICAL AND TELECOMMUNICATIONS WORK, INCLUDING DEMOLITION.
7. REFER TO C-001 "NOTES AND LEGEND" FOR ADDITIONAL NOTES.

WETLAND REPLICATION NOTE:

SEE SHEET C-800 FOR WETLAND REPLICATION AREA AS PART OF THE PROPOSED PROJECT PER 310 CMR 10.60.



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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

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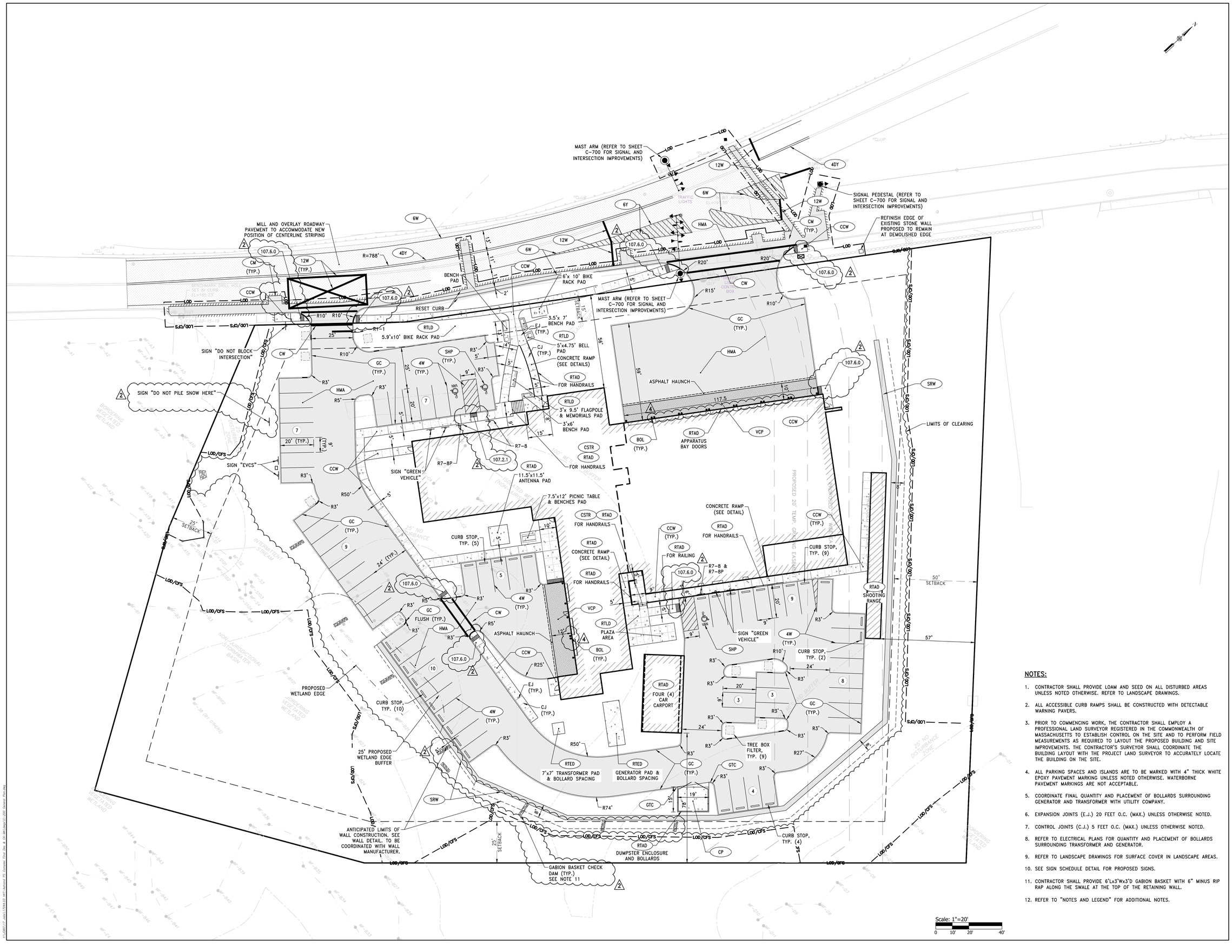
Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

DEMOLITION, EROSION, AND SEDIMENT CONTROL PLAN

AWB	LM
Drawn by	Checked by
OCTOBER 23, 2020	
Date	
17044.03	1" = 20'
Job number	
CONSTRUCTION DOCUMENTS	
Drawing set	

Drawing number
C-100

N:\2017\17044.03 HKT Ashland Fire Stations Final Des & Eng\Dwg\C-100 Demolition Erosion & Sediment Control.dwg



NOTES:

1. CONTRACTOR SHALL PROVIDE LOAM AND SEED ON ALL DISTURBED AREAS UNLESS NOTED OTHERWISE. REFER TO LANDSCAPE DRAWINGS.
2. ALL ACCESSIBLE CURB RAMPS SHALL BE CONSTRUCTED WITH DETECTABLE WARNING PAVERS.
3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL EMPLOY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS TO ESTABLISH CONTROL ON THE SITE AND TO PERFORM FIELD MEASUREMENTS AS REQUIRED TO LAYOUT THE PROPOSED BUILDING AND SITE IMPROVEMENTS. THE CONTRACTOR'S SURVEYOR SHALL COORDINATE THE BUILDING LAYOUT WITH THE PROJECT LAND SURVEYOR TO ACCURATELY LOCATE THE BUILDING ON THE SITE.
4. ALL PARKING SPACES AND ISLANDS ARE TO BE MARKED WITH 4" THICK WHITE EPOXY PAVEMENT MARKING UNLESS NOTED OTHERWISE. WATERBORNE PAVEMENT MARKINGS ARE NOT ACCEPTABLE.
5. COORDINATE FINAL QUANTITY AND PLACEMENT OF BOLLARDS SURROUNDING GENERATOR AND TRANSFORMER WITH UTILITY COMPANY.
6. EXPANSION JOINTS (E.J.) 20 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
7. CONTROL JOINTS (C.J.) 5 FEET O.C. (MAX.) UNLESS OTHERWISE NOTED.
8. REFER TO ELECTRICAL PLANS FOR QUANTITY AND PLACEMENT OF BOLLARDS SURROUNDING TRANSFORMER AND GENERATOR.
9. REFER TO LANDSCAPE DRAWINGS FOR SURFACE COVER IN LANDSCAPE AREAS.
10. SEE SIGN SCHEDULE DETAIL FOR PROPOSED SIGNS.
11. CONTRACTOR SHALL PROVIDE 6'Lx3'Wx3'D GABION BASKET WITH 6" MINUS RIP RAP ALONG THE SWALE AT THE TOP OF THE RETAINING WALL.
12. REFER TO "NOTES AND LEGEND" FOR ADDITIONAL NOTES.

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

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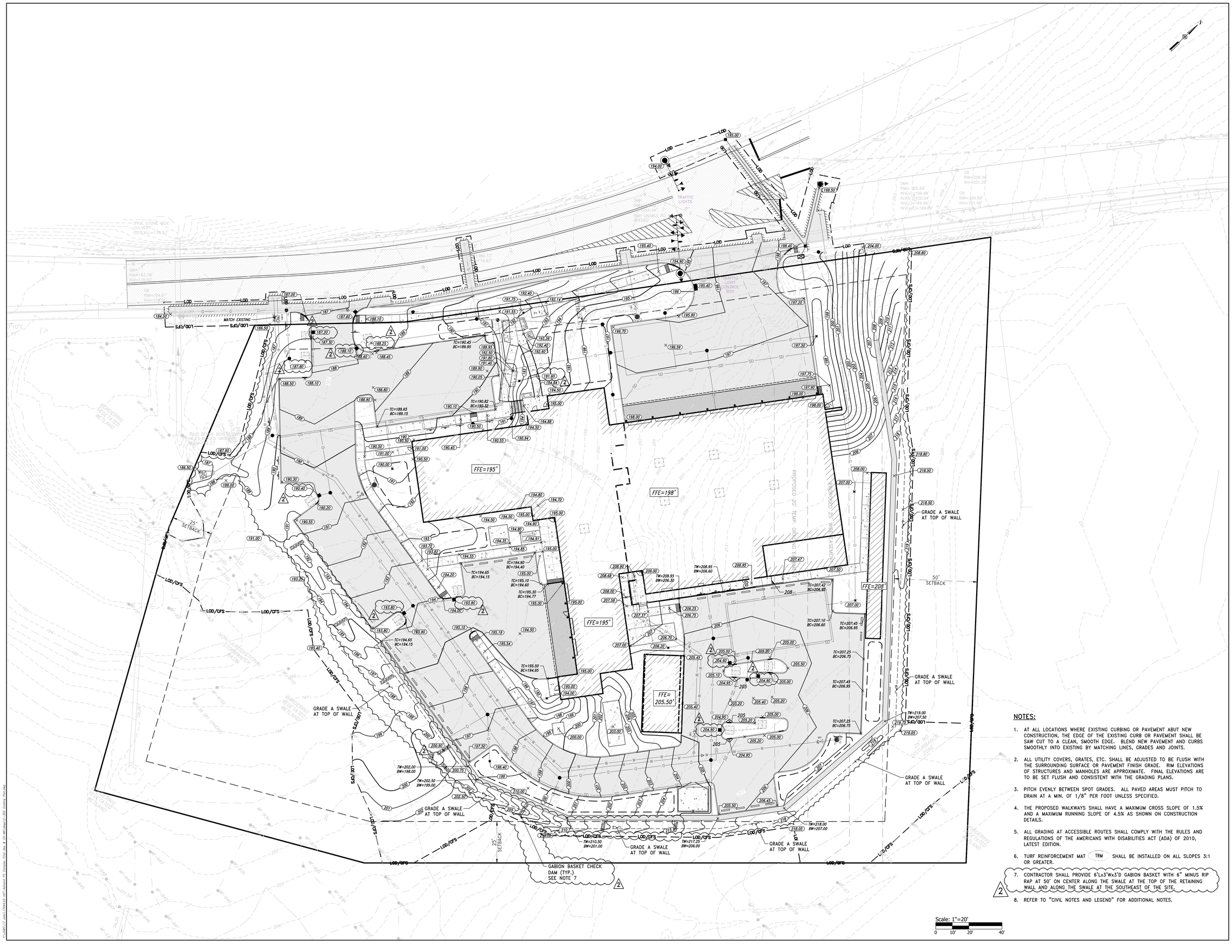
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Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

GENERAL PLAN

AWB Drawn by
LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number
1" = 20'
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-200



NOTES:

1. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.
2. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.
3. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.
4. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 1.5% AND A MAXIMUM RUNNING SLOPE OF 4.5% AS SHOWN ON CONSTRUCTION DETAILS.
5. ALL GRADING AT ACCESSIBLE ROUTES SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF 2010, LATEST EDITION.
6. TURF REINFORCEMENT MAT (TRM) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER.
7. CONTRACTOR SHALL PROVIDE 6'Lx3'Wx3'D GABION BASKET WITH 6" MINUS RIP RAP AT 50' ON CENTER ALONG THE SWALE AT THE TOP OF THE RETAINING WALL AND ALONG THE SWALE AT THE SOUTHEAST OF THE SITE.
8. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES.

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Registrations

Consultants

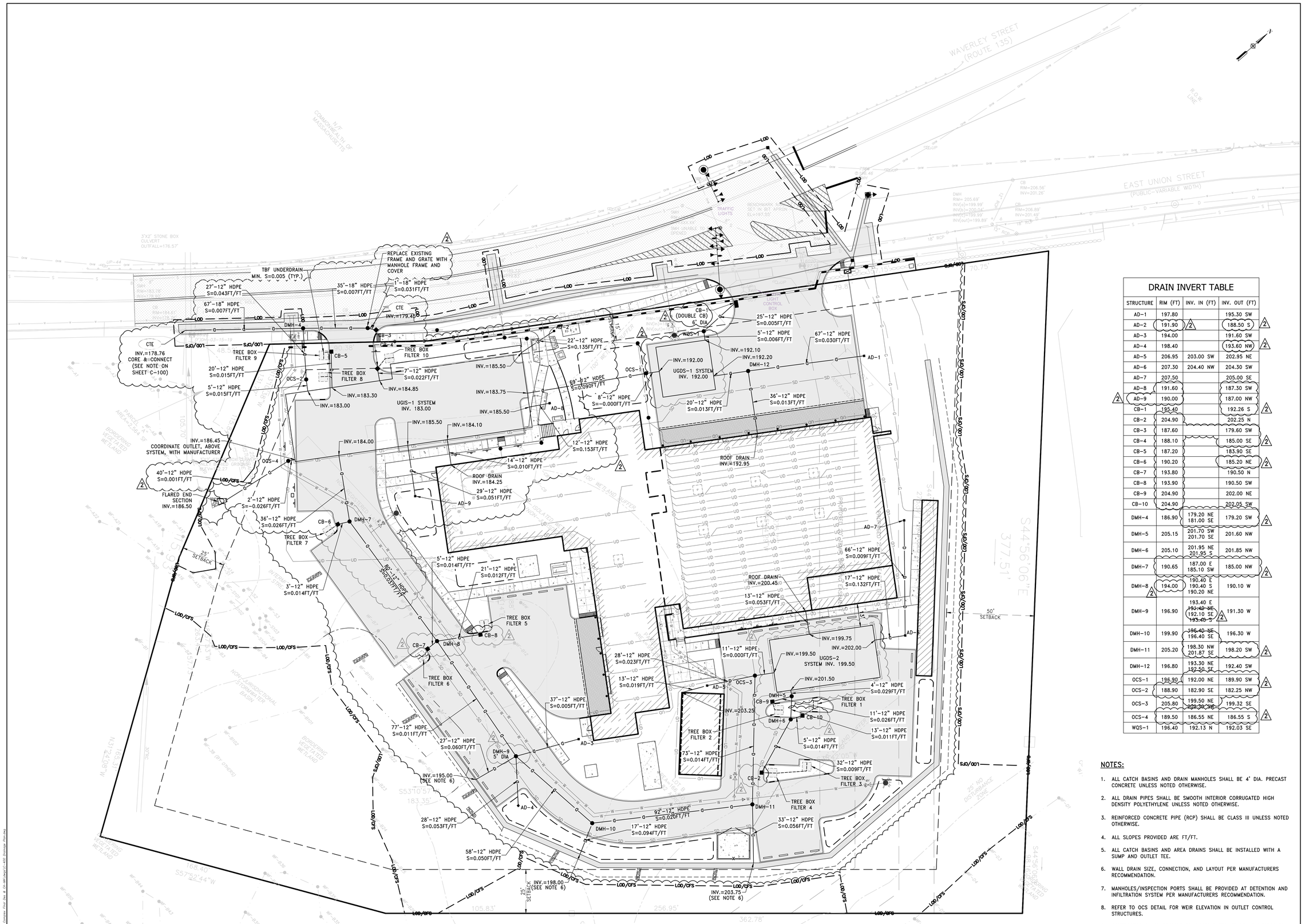
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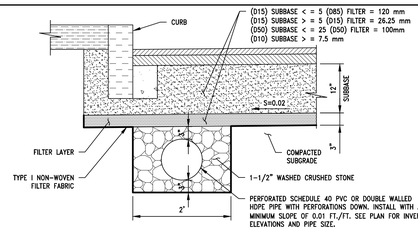
Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

GRADING PLAN

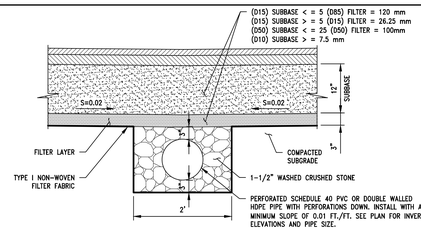
AWB Drawn by
LM Checked by
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17044.03 Job number
1" = 20'
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-300

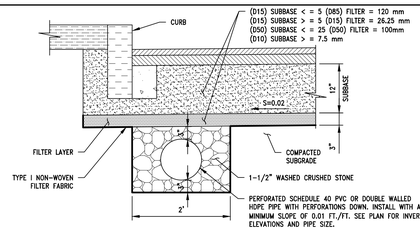

WAVERLEY STREET
(ROUTE 135)
EAST UNION STREET
(PUBLIC-VARIABLE WIDTH)
REPLACE EXISTING FRAME AND GRATE WITH MANHOLE FRAME AND COVER
TBF UNDERDRAIN MIN. S=0.005 (TYP.)
27'-12" HDPE S=0.043FT/FT
67'-18" HDPE S=0.007FT/FT
35'-18" HDPE S=0.007FT/FT
1'-18" HDPE S=0.031FT/FT
CTE INV.=179.40
CTE INV.=178.76 CORE & CONNECT (SEE NOTE ON SHEET C-100)
TREE BOX FILTER 9
TREE BOX FILTER 10
TREE BOX FILTER 8
20'-12" HDPE S=0.015FT/FT
5'-12" HDPE S=0.015FT/FT
7'-12" HDPE S=0.022FT/FT
22'-12" HDPE S=0.135FT/FT
69'-12" HDPE S=0.090FT/FT
8'-12" HDPE S=-0.000FT/FT
UGIS-1 SYSTEM INV. 183.00
INV.=183.00
INV.=183.30
INV.=184.85
INV.=185.50
INV.=183.75
INV.=185.50
INV.=185.50
INV.=184.10
INV.=184.00
INV.=186.45 COORDINATE OUTLET, ABOVE SYSTEM, WITH MANUFACTURER
40'-12" HDPE S=0.001FT/FT
FLARED END SECTION INV.=186.50
2'-12" HDPE S=-0.026FT/FT
36'-12" HDPE S=0.026FT/FT
14'-12" HDPE S=0.010FT/FT
12'-12" HDPE S=0.153FT/FT
ROOF DRAIN INV.=184.25
29'-12" HDPE S=0.051FT/FT
CB-1 (DOUBLE CB) 6' DIA
25'-12" HDPE S=0.005FT/FT
5'-12" HDPE S=0.006FT/FT
67'-12" HDPE S=0.030FT/FT
INV.=192.10
INV.=192.20
INV.=192.00
UGDS-1 SYSTEM INV. 192.00
20'-12" HDPE S=0.013FT/FT
36'-12" HDPE S=0.013FT/FT
ROOF DRAIN INV.=192.95
66'-12" HDPE S=0.009FT/FT
17'-12" HDPE S=0.132FT/FT
ROOF DRAIN INV.=200.45
13'-12" HDPE S=0.053FT/FT
INV.=199.75
INV.=202.00
11'-12" HDPE S=0.000FT/FT
INV.=199.50
UGDS-2 SYSTEM INV. 199.50
28'-12" HDPE S=0.023FT/FT
13'-12" HDPE S=0.019FT/FT
INV.=201.50
4'-12" HDPE S=0.029FT/FT
INV.=203.25
11'-12" HDPE S=0.026FT/FT
13'-12" HDPE S=0.011FT/FT
5'-12" HDPE S=0.014FT/FT
73'-12" HDPE S=0.014FT/FT
32'-12" HDPE S=0.009FT/FT
TREE BOX FILTER 1
TREE BOX FILTER 2
TREE BOX FILTER 3
TREE BOX FILTER 4
37'-12" HDPE S=0.005FT/FT
77'-12" HDPE S=0.011FT/FT
27'-12" HDPE S=0.060FT/FT
INV.=195.00 (SEE NOTE 6)
28'-12" HDPE S=0.053FT/FT
92'-12" HDPE S=0.020FT/FT
17'-12" HDPE S=0.094FT/FT
33'-12" HDPE S=0.056FT/FT
58'-12" HDPE S=0.050FT/FT
INV.=198.00 (SEE NOTE 6)
INV.=203.75 (SEE NOTE 6)
90'-12" HDPE S=0.035FT/FT
3'-12" HDPE S=0.014FT/FT
5'-12" HDPE S=0.014FT/FT
21'-12" HDPE S=0.012FT/FT
TREE BOX FILTER 5
TREE BOX FILTER 6
TREE BOX FILTER 7
25' SETBACK
50' SETBACK
3'X2' STONE BOX CULVERT OUTFALL=176.57'
BORDERING VEGETATED WETLAND
100' BUFFER ZONE
25' NO DISTURBANCE ZONE
LOD/CFS
S40/OFS
S40/UDS
S40/SDS
S40/WQS
S40/OCS
S40/UD
S40/W
S40/G
S40/D
S40/S
S40/T
S40/E
S40/OHW
S40/S



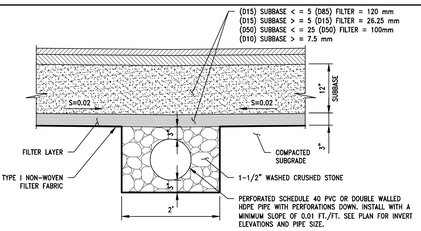
TYPICAL SUBDRAIN DRAIN DETAIL
(TYPICAL DRIVEWAY)
NOT TO SCALE



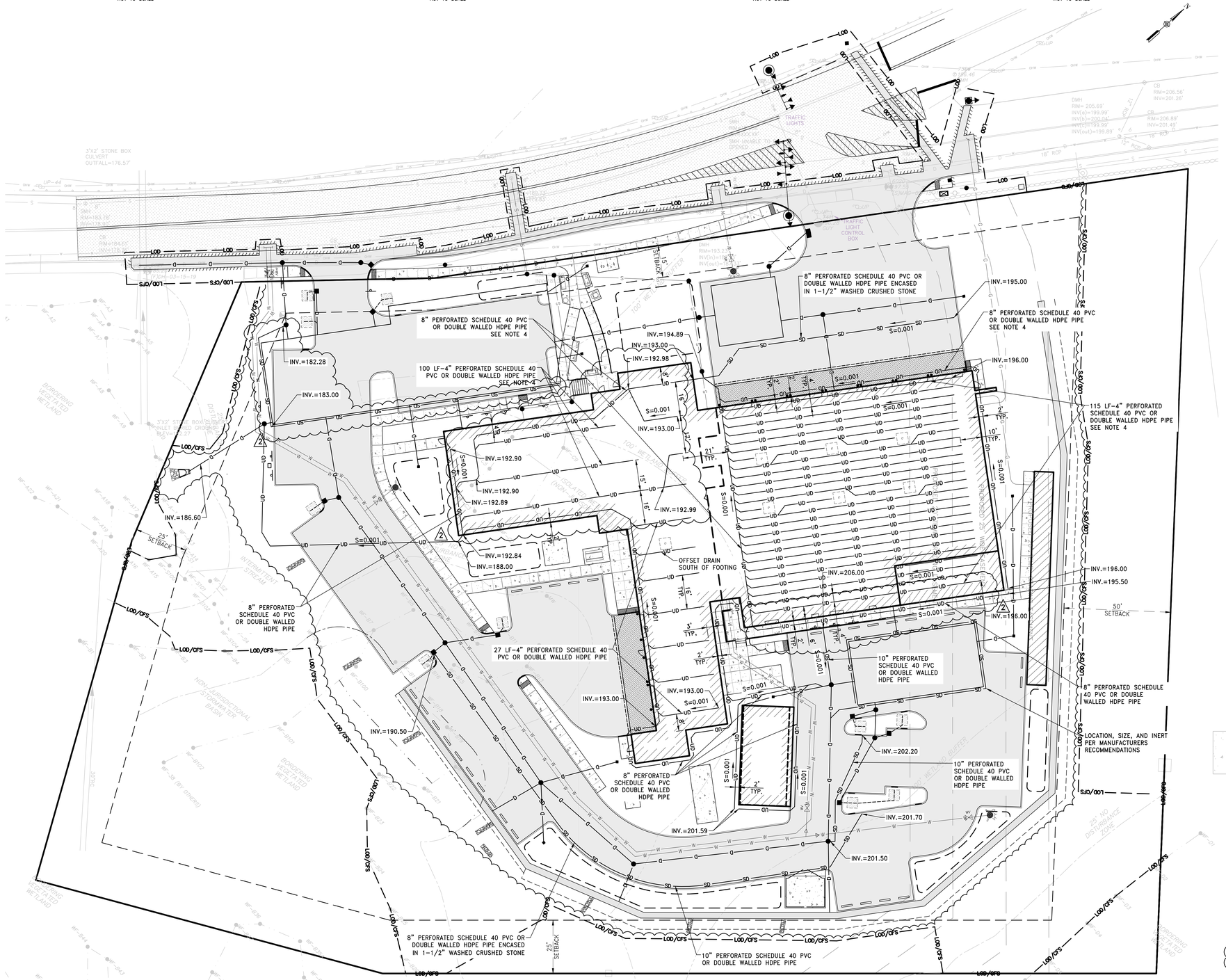
TYPICAL SUBDRAIN DRAIN DETAIL
(TYPICAL PARKING LOT)
NOT TO SCALE

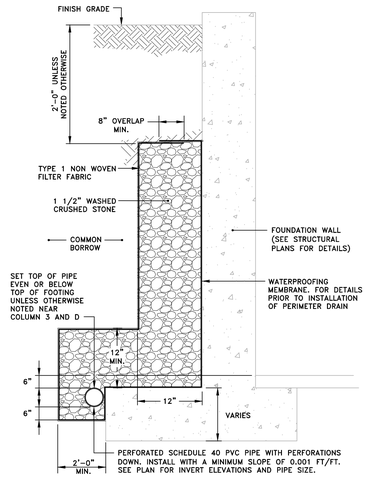


TYPICAL SUBDRAIN DRAIN DETAIL
(SOUTHWEST DRIVEWAY)
NOT TO SCALE

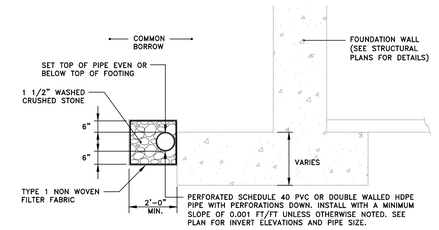


TYPICAL SUBDRAIN DRAIN DETAIL
(NORTHEAST PARKING LOT)
NOT TO SCALE

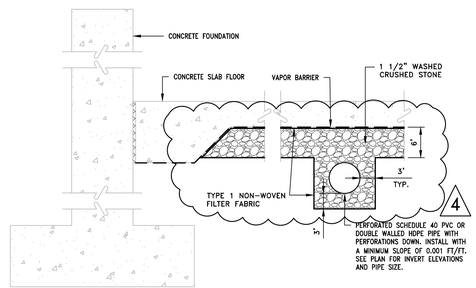




TYPICAL PERIMETER DRAIN DETAIL
(AREAS OF BUILDING THAT ARE RETAINING)
NOT TO SCALE



TYPICAL PERIMETER DRAIN DETAIL
(AREAS OF BUILDING THAT ARE NOT RETAINING AND THE CARPORT)
NOT TO SCALE



TYPICAL SLAB DRAIN DETAIL
NOT TO SCALE

NOTES:

1. ALL DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE UNLESS NOTED OTHERWISE.
2. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III UNLESS NOTED OTHERWISE.
3. ALL SLOPES PROVIDED ARE FT/FT.
4. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERDRAINS WITH PLUMBING PLAN TO ENSURE NO CONFLICTS WITH PROPOSED BUILDING PIPING. NOTIFY ENGINEERS IN WRITING SHOULD CONFLICT OCCUR.
5. CONTRACTOR SHALL CONFIRM INVERTS WHERE UNDER DRAINS TIE INTO DRAINAGE PLAN PRIOR TO CONSTRUCTION.
6. WHERE PROPOSED UTILITIES ARE BELOW SUBDRAINS AND UNDERDRAINS, CONTRACTOR SHALL COORDINATE WITH ENGINEER TO DETERMINE WHETHER CLAY DAMS ARE REQUIRED AND THE LOCATION. 2
7. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL DRAINAGE NOTES.

LEGEND:
2 SD = SUBDRAIN
UD = UNDERDRAIN

Scale: 1"=20'
0 10' 20' 40'

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

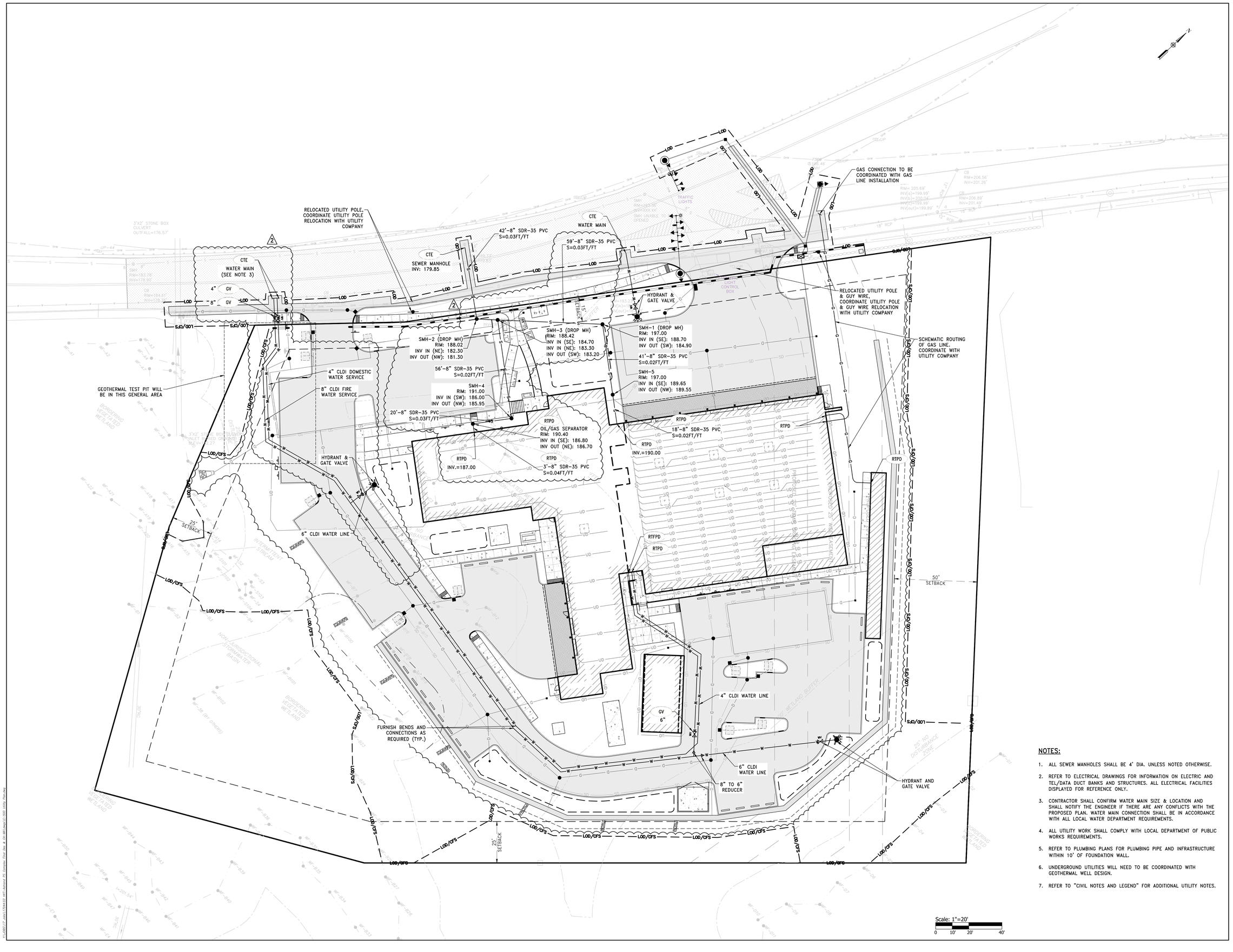
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Project
ASHLAND PUBLIC SAFETY COMPLEX
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UNDERDRAIN PLAN

AWB Drawn by
LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number
1" = 20'
CONSTRUCTION DOCUMENTS Drawing set
C-401 Drawing number



NOTES:

1. ALL SEWER MANHOLES SHALL BE 4' DIA. UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON ELECTRIC AND TEL/DATA DUCT BANKS AND STRUCTURES. ALL ELECTRICAL FACILITIES DISPLAYED FOR REFERENCE ONLY.
3. CONTRACTOR SHALL CONFIRM WATER MAIN SIZE & LOCATION AND SHALL NOTIFY THE ENGINEER IF THERE ARE ANY CONFLICTS WITH THE PROPOSED PLAN. WATER MAIN CONNECTION SHALL BE IN ACCORDANCE WITH ALL LOCAL WATER DEPARTMENT REQUIREMENTS.
4. ALL UTILITY WORK SHALL COMPLY WITH LOCAL DEPARTMENT OF PUBLIC WORKS REQUIREMENTS.
5. REFER TO PLUMBING PLANS FOR PLUMBING PIPE AND INFRASTRUCTURE WITHIN 10' OF FOUNDATION WALL.
6. UNDERGROUND UTILITIES WILL NEED TO BE COORDINATED WITH GEOTHERMAL WELL DESIGN.
7. REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL UTILITY NOTES.

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Revision Schedule

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2	ADDENDUM #4	12.02.20

Registrations

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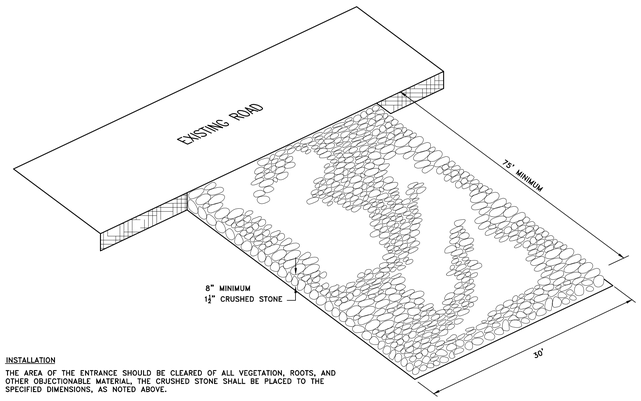
Project
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UTILITY PLAN

AWB Drawn by — LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number — 1" = 20'
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-500

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INSTALLATION

THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL, THE CRUSHED STONE SHALL BE PLACED TO THE SPECIFIED DIMENSIONS, AS NOTED ABOVE.

MAINTENANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAYS. THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, OR ADDITIONAL LENGTH, AS CONDITIONS DEMAND, AND REPAIR, AND / OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

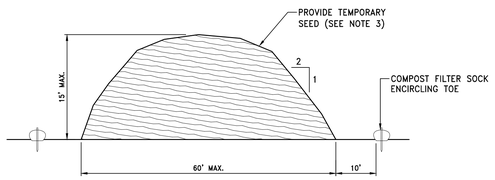
LOCATION

SEE PROJECT PLANS FOR LOCATION OF CONSTRUCTION ENTRANCE.

CONSTRUCTION ENTRANCE PROTECTION STONE STABILIZATION PAD
NOT TO SCALE

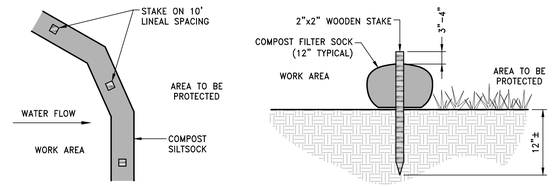
NOTES:
1. TREE GROUP PROTECTION SHALL BE INSTALLED AT THE DRIP LINE OF THE TREES TO BE PROTECTED.

TGP
TREE GROUP PROTECTION DETAIL
NOT TO SCALE



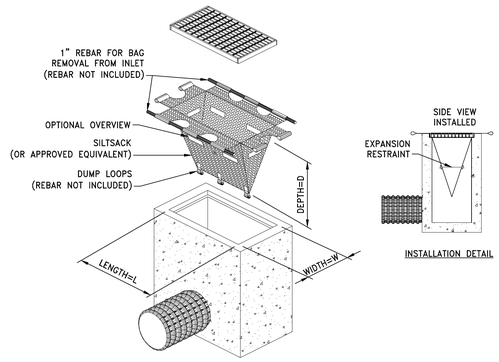
NOTES:
1. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL PREPARE A PLAN SHOWING THE PROPOSED LOCATION OF ALL STOCKPILE AREAS.
2. STOCKPILE AREA SHALL NOT EXCEED SPECIFIED DIMENSIONS WITHOUT APPROVAL FROM ENGINEER.
3. STOCKPILED ERODIBLE MATERIAL THAT WILL NOT BE USED FOR GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEED IMMEDIATELY FOLLOWING PLACEMENT.

ERODIBLE MATERIAL STOCKPILE
NOT TO SCALE



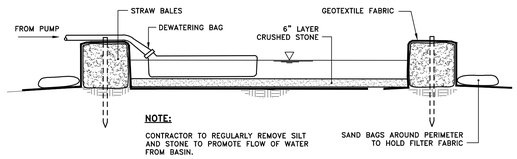
NOTES:
1. COMPOST/ SOIL/ ROCK/ SEED FILL TO MEET APPLICATION REQUIREMENTS.
2. COMPOST MATERIAL TO BE REMOVED OR DISPERSED ON SITE AS DETERMINED BY ENGINEER.
3. IF SOCK NETTING MUST BE JOINED, FIT BEGINNING OF NEW SOCK OVER END OF OLD SOCK, OVERLAPPING BY 2 FEET AND STACK OVERLAP. IF SOCK NETTING IS NOT JOINED, OVERLAP OLD SOCK WITH NEW ONE BY MINIMUM OF 2 FEET.

CFS
COMPOST FILTER SOCK DETAIL
NOT TO SCALE



NOTES:
1. INLET PROTECTION SHALL BE CLEANED OF SILT AND DEBRIS ON A REGULAR BASIS AS REQUIRED BY PROJECT SPECIFIC SWPPP.
2. INSPECTIONS SHALL BE DONE AFTER EACH RAIN EVENT AND AT A MINIMUM EVERY TWO WEEKS AND AS REQUIRED BY PROJECT SPECIFIC SWPPP.

TIP
TEMPORARY INLET PROTECTION
NOT TO SCALE



NOTE:
CONTRACTOR TO REGULARLY REMOVE SILT AND STONE TO PROMOTE FLOW OF WATER FROM BASIN.

FILTER FABRIC DEWATERING BASIN
NOT TO SCALE

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Revision Schedule

Number	Revision	Date

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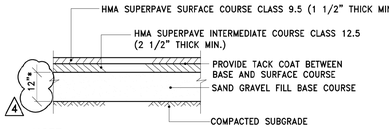
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Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

SITE DETAILS - 1

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17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
C-601

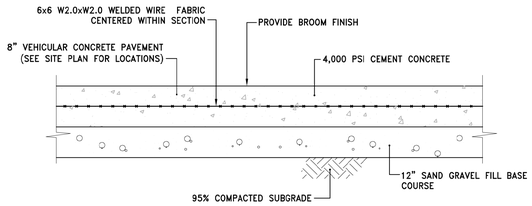
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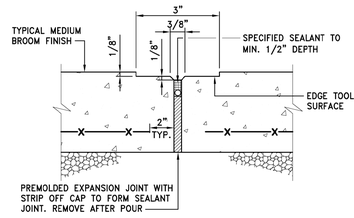
NOTE:
SUBMIT JOB MIX FORMULAS TO ENGINEER FOR APPROVAL PRIOR TO PLACEMENT.

*SEE C-401 FOR PAVEMENT BASE AT PAVEMENT UNDERDRAIN LOCATION. 4

HMA **TYPICAL PAVEMENT DETAIL**
NOT TO SCALE

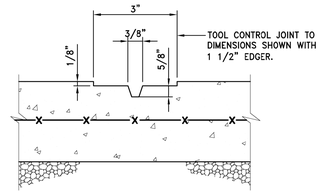


VCP **VEHICULAR CONCRETE PAVEMENT DETAIL**
NOT TO SCALE



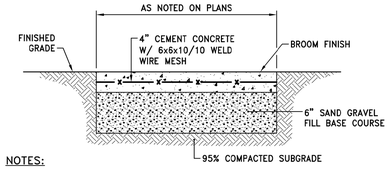
EXPANSION JOINT AT 20' O.C. (TYP)

NOTES:
1. EXPANSION JOINTS (E.J.) 20 FEET O.C. UNLESS OTHERWISE NOTED.
2. CONTROL JOINTS (C.J.) 5 FEET O.C. UNLESS OTHERWISE NOTED.
3. WHERE EXISTING AND NEW CONCRETE SIDEWALKS MEET, SAWCUT EXISTING WALK AND INSTALL EXPANSION JOINT AND DOWELS AS SHOWN. DRILL EXISTING CONCRETE WALK EDGE TO RECEIVE STEEL DOWELS AT EXPANSION JOINT.
4. REFER TO "GENERAL PLAN" FOR LOCATIONS.



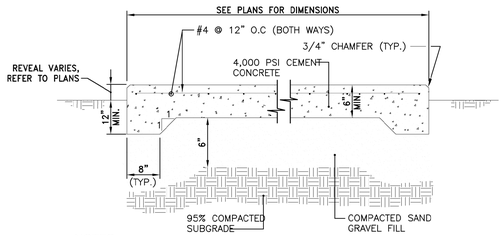
CONTROL JOINT AT 5' O.C. (TYP)

EXPANSION AND CONTROL JOINTS FOR SIDEWALK PAVING
NOT TO SCALE



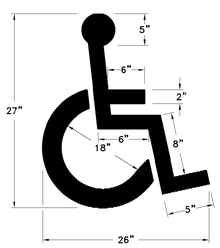
NOTES:
1. CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 701 OF THE MA STANDARD SPECIFICATIONS.
2. CEMENT CONCRETE FOR SIDEWALK SHALL ATTAIN COMPRESSIVE STRENGTH OF 4000 PSI (28 DAYS) WITH AIR ENTRAINED CONTENT OF 7%.
3. CONSTRUCTION JOINTS WITH 1/4" PREMOLDED EXPANSION JOINT FILLER SHALL BE PLACED EVERY 20 FEET.
4. IF SIDEWALK IS TO ABUT A SMOOTH WALL, FOUNDATION OR STATIONARY OBJECT, PLACE THE EXPANSION JOINT FILLER FULL DEPTH, BETWEEN SIDEWALK CONCRETE AND SURFACE OF WALL, FOUNDATION OR STATIONARY OBJECT.
5. IF SIDEWALK IS TO ABUT AN IRREGULAR WALL, FOUNDATION OR STATIONARY OBJECT, PLACE THE EXPANSION JOINT FILLER FULL DEPTH, FOUR (4) INCHES FROM IRREGULAR SURFACE, AND POUR CONCRETE BETWEEN THE ABOVE MENTIONED SURFACES AND THE EXPANSION JOINT MATERIAL.
6. THE FORCING OF PREMOLDED EXPANSION JOINT FILLER INTO FRESHLY PLACED CONCRETE WILL NOT BE ALLOWED.
7. THE MAXIMUM TOLERANCE FOR THE 4" CONCRETE THICKNESS IS ±1/2".
8. SAND GRAVEL FILL SHALL CONFORM TO MASSDOT STD. SPECIFICATION MATERIALS SECTION M1.03.0 (TYPE B).
9. SEE STRUCTURAL PLANS FOR WALKS ABUTTING BUILDINGS.

CCW **TYPICAL CEMENT CONCRETE SIDEWALK**
NOT TO SCALE



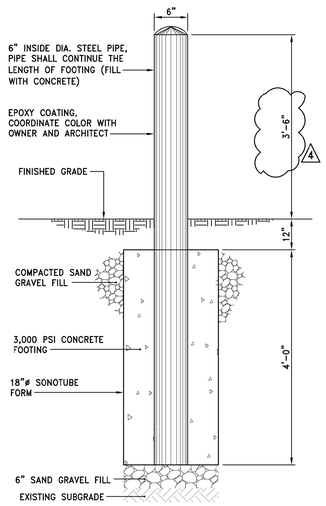
NOTES:
1. REINFORCING TO BE #4 GRADE 60 BARS AND SHALL CONFORM TO ASTM STANDARD A-615 OF THE LATEST DATA. REINFORCING RODS TO BE LOCATED IN THE CENTER OF THE SLAB, WITH A MINIMUM OF 2" CLEARANCE FROM FACE OF CONCRETE.
2. CONTRACTOR SHALL COORDINATE LOCATIONS OF OPENINGS, FENCE POSTS, OR OTHER FEATURES IN SLAB.
3. REFER TO ELECTRICAL PLANS FOR CONCRETE PADS FOR GENERATOR AND TRANSFORMER. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR CONCRETE PAD FOR ANTENNA.

CP **CEMENT CONCRETE DUMPSTER PAD**
NOT TO SCALE

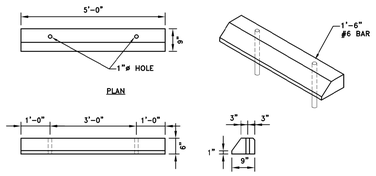


NOTE:
ACCESSIBLE PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.

SHP **ACCESSIBLE PAVEMENT MARKING**
NOT TO SCALE

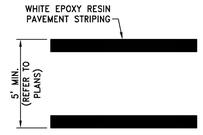


BOL **BOLLARD DETAIL**
NOT TO SCALE

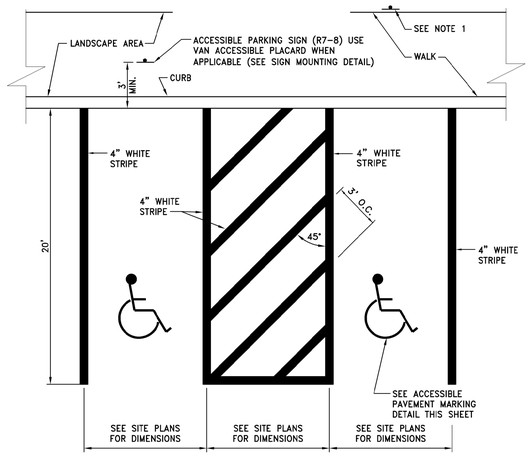


NOTES:
1. ALL EXPOSED EDGES TO HAVE A 3/4" CHAMFER.
2. ALL SURFACES TO HAVE A SPONGE FLOAT FINISH.

PRECAST CONCRETE CURB STOPS
NOT TO SCALE

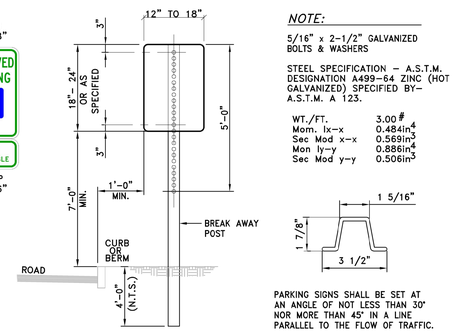


CW **TYPICAL CROSSWALK DETAIL**
NOT TO SCALE



NOTE:
1. WHERE STALLS ABUT SIDEWALK, PARKING SIGNS SHOULD BE PLACED AT BACK EDGE OF SIDEWALK, UNLESS NOTED OTHERWISE.
2. ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.

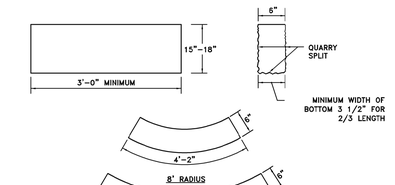
ACCESSIBLE PARKING STALLS @ 90°
NOT TO SCALE



PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° IN A LINE PARALLEL TO THE FLOW OF TRAFFIC.

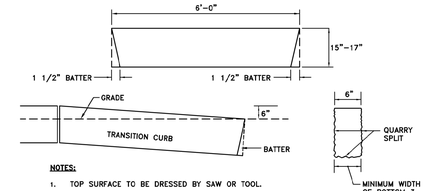
NOTES:
1. ALL LAG SCREWS, BOLTS AND WASHERS SHALL BE GALVANIZED 5/16"x2 1/2" LONG UNLESS OTHERWISE NOTED.
2. WASHERS SHALL BE 0.07" THICK.
3. ALL SIGN COLORS, RADII AND BORDERS AS SPECIFIED IN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
4. SHALL BE IN ACCORDANCE WITH SECTION T.15 OF THE STANDARD SPECIFICATIONS.
5. PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOT MORE THAN 45° WITH A LINE PARALLEL TO FLOW OF TRAFFIC, 1'-6" (1'-0" MIN.) FROM THE EDGE OF CURB FACE.
6. ALL ACCESSIBLE PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS AS SPECIFIED BY THE AMERICAN DISABILITIES ACT (ADA).
7. SIGN(S) SHALL BE LOCATED SO THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.
8. FOR ACCESSIBLE VAN SPACE USE SIGN AS DETAILED.
9. FOR ACCESSIBLE SPACE FOR AUTOMOBILES USE ONLY HANDICAPPED PARKING SIGN.

ACCESSIBLE SIGN MOUNTING
NOT TO SCALE



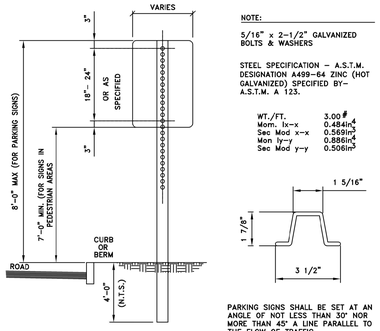
NOTES:
1. MAXIMUM LENGTHS USING 8' & 10' RADII, WITH 90° ANGLE, ARE 4'-2" AND 5'-3" RESPECTIVELY.
2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
3. TOP SURFACE TO BE DRESSED BY SAW.
4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 100' OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 100' RADIUS.
5. GRANITE CURB SHALL CONFORM TO MASSDOT STD. SPECIFICATION MATERIALS SECTION M9.04.1 GRANITE CURB, TYPE VA4.
6. 3000 PSI CONCRETE BACKFILL IS REQUIRED FOR ALL GRANITE CURB.

GC **GRANITE CURB QUARRY SPLIT**
NOT TO SCALE



NOTES:
1. TOP SURFACE TO BE DRESSED BY SAW OR TOOL.
2. GRANITE CURB SHALL CONFORM TO MASSDOT STD. SPECIFICATION MATERIALS SECTION M9.04.1 GRANITE CURB, TYPE VA4.

GTC **6' GRANITE TRANSITION CURB**
NOT TO SCALE



NOTE:
5/16" x 2-1/2" GALVANIZED BOLTS & WASHERS

STEEL SPECIFICATION – A.S.T.M. DESIGNATION A499-64 ZINC (HOT GALVANIZED) SPECIFIED BY- A.S.T.M. A 123.

WT./FT.	3.00 #
Mom. Ix-x	0.484in^4
Sec Mod x-x	0.569in^3
Mon Iy-y	0.886in^4
Sec Mod y-y	0.506in^3

PARKING SIGNS SHALL BE SET AT AN ANGLE OF NOT LESS THAN 30° NOR MORE THAN 45° A LINE PARALLEL TO THE FLOW OF TRAFFIC.

NOTES:
1. ALL LAG SCREWS, BOLTS AND WASHERS SHALL BE GALVANIZED 5/16"x2 1/2" LONG UNLESS OTHERWISE NOTED.
2. WASHERS SHALL BE 0.07" THICK. 3. ALL SIGN COLORS, RADII AND BORDERS AS SPECIFIED IN "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
3. ALL ACCESSIBLE PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS AS SPECIFIED BY THE AMERICAN DISABILITIES ACT (ADA)
4. SIGN(S) SHALL BE LOCATED SO THEY CANNOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE.

SIGN MOUNTING
NOT TO SCALE

LEGEND	DESIGNATION	SIZE
STOP	R1-1	(30" x 30")
EVCS	EVCS	(12" x 18")
CHARGING FOR VEHICLES ONLY	GREEN VEHICLE	(12" x 18")
DO NOT BLOCK INTERSECTION	DO NOT BLOCK INTERSECTION	(12" x 18")

NOTE:
1. SIGNS SHALL BE CONSTRUCTED OF TYPE III REFLECTORIZED SHEETING AND IN ACCORDANCE WITH MUTCD REQUIREMENTS, LATEST REVISION.
2. THE CONTRACTOR SHALL SUBMIT SAMPLE SIGNS TO THE OWNER FOR APPROVAL PRIOR TO FURNISHING.
3. LETTERS, COLOR, AND FONT FOR NON-STANDARD SIGNS SHALL BE SELECTED BY THE OWNER.
4. REFER TO ACCESSIBLE SIGN MOUNTING DETAIL FOR R7-8 AND R7-8P.

SIGN SCHEDULE

HKT architects inc.
24 Roland Street,
Suite 301
Charlestown, MA 02129
T: 617.776.6545
F: 617.776.6678
www.hktarchitects.com

Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

Consultants

PARE
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035
508-543-1755

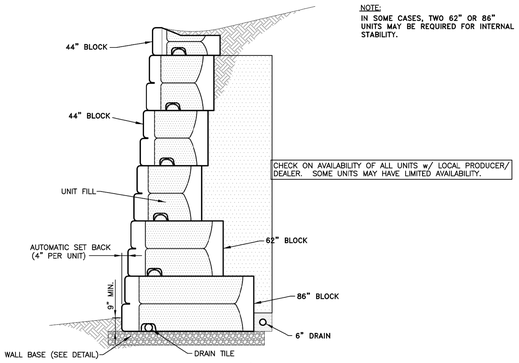
Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

SITE DETAILS - 2

AWB Drawn by | LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set

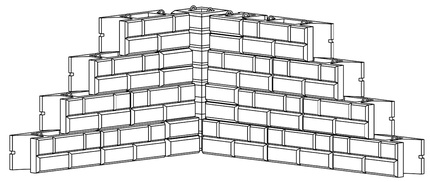
Drawing number
C-602

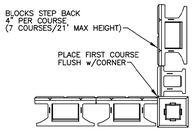
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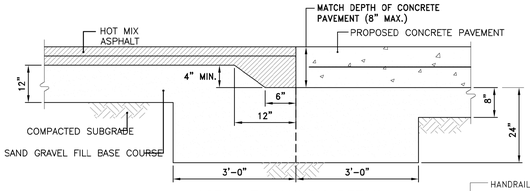
NOTE:
IN SOME CASES, TWO 62" OR 86" UNITS MAY BE REQUIRED FOR INTERNAL STABILITY.

GRAVITY WALL CROSS SECTION w/EXTENDED BASE UNITS
NOT TO SCALE

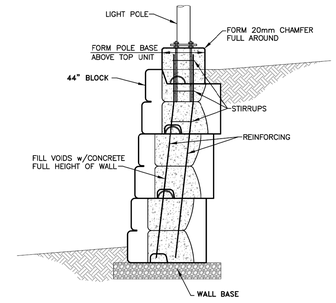


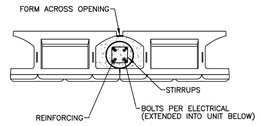


INSIDE 90° CORNER
NOT TO SCALE



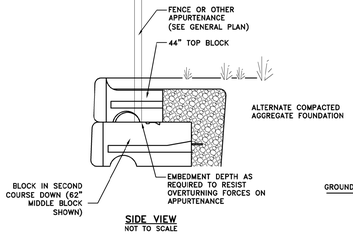
ASPHALT HAUNCH DETAIL
NOT TO SCALE



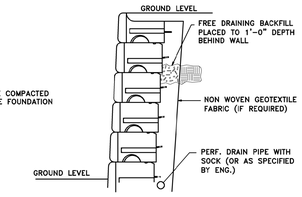


24 SF UNIT LIGHT POLE
NOT TO SCALE

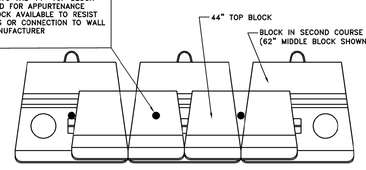
NOTE:
WALL UNIT FILL AND DRAIN SIZE AND LOCATION SHALL BE PER MANUFACTURERS RECOMMENDATIONS.



SIDE VIEW
NOT TO SCALE



CONNECTION OPTION #1, #2, AND #3
EXPANSION ANCHOR INTO THE 44" TOP BLOCK
- SPACING AS REQUIRED FOR APPURTENANCE
- MASS OF SINGLE BLOCK AVAILABLE TO RESIST OVERTURNING FORCES OR CONNECTION TO WALL AS REQUIRED BY MANUFACTURER



TOP VIEW
NOT TO SCALE

NOTES:

1. ANY MANUFACTURER'S NAMES AND/OR MODEL NUMBERS IDENTIFIED HEREIN ARE INTENDED TO ASSIST IN ESTABLISHING A GENERAL LEVEL OF QUALITY, CONFIGURATION, FUNCTIONALITY, AND APPEARANCE REQUIRED. THIS IS NOT A PROPRIETARY SPECIFICATION AND IT SHOULD BE NOTED THAT "OR APPROVED EQUIVALENT" APPLIES TO ALL PRODUCTS DENOTED HEREIN. IT IS UNDERSTOOD THAT ALL MANUFACTURES WILL HAVE MINOR VARIATIONS IN CONFIGURATION, APPEARANCE, AND PRODUCT SPECIFICATION TO ENCOURAGE OPEN AND COMPETITIVE INVOLVEMENT FROM MULTIPLE MANUFACTURERS THAT ARE ABLE TO SUPPLY SIMILAR PRODUCTS.
2. RETAINING WALLS SHALL BE STRONG STONE, REDI-ROCK, RE-CON RETAINING WALL SYSTEMS, INC., SERIES 50, NORTH SHORE GRANITE TEXTURE OR EQUIVALENT. SEE SPECIFICATIONS FOR WALL DESIGN REQUIREMENTS.
3. THESE DETAILS ARE FOR REFERENCE PURPOSES ONLY. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS COMPLETED AND STAMPED BY A MASSACHUSETTS REGISTERED STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION. SHOP DRAWINGS SHALL INCLUDE ALL DETAILS AND INFORMATION NECESSARY FOR CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE STRUCTURAL ENGINEER ALL APPURTENANT INFORMATION FOR THEIR DESIGN AND CALCULATIONS.

SRW **SEGMENTAL RETAINING WALL DETAILS**
NOT TO SCALE

CONCRETE STAIR DETAIL NOTES:

CAST-IN-PLACE CONCRETE:

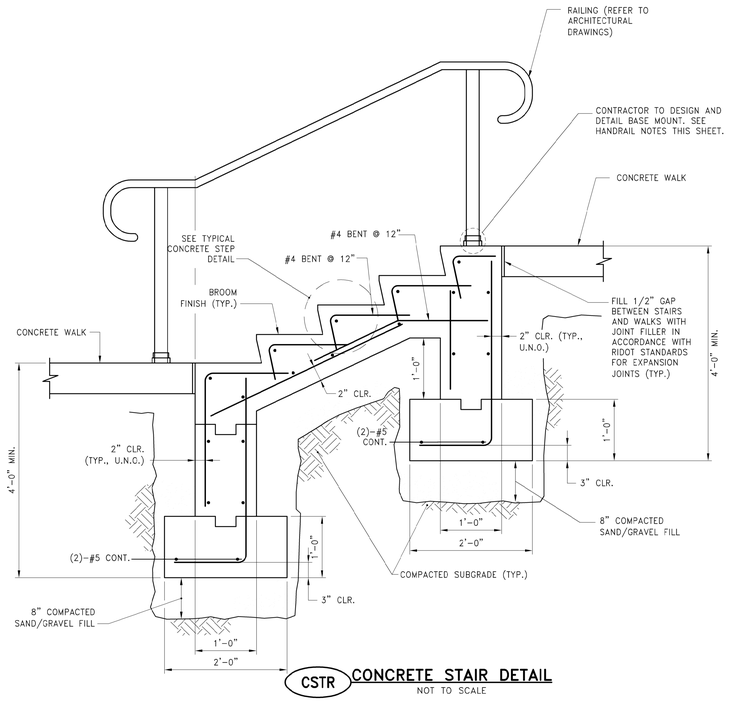
1. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) AND THE STATE CODE.
2. CONCRETE SHALL BE PROPORTIONED, MIXED, AND PLACED UNDER THE SUPERVISION OF THE APPROVED TESTING AGENCY.
3. UNLESS NOTED OTHERWISE, CONCRETE SHALL BE NORMAL WEIGHT, WITH TYPE II CEMENT, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS FOLLOWS:

   4,000 PSI 3/4" AGGREGATE-TYPICAL
4. ALL CONCRETE SHALL BE AIR-ENTRAINED WITH AN AIR CONTENT OF 6%± 1%. INTERIOR SLABS ON GRADE SHALL NOT BE AIR-ENTRAINED.
5. CALCIUM CHLORIDE SHALL NOT BE USED.
6. ALL SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED ITS SPECIFIED 28-DAY MINIMUM COMPRESSIVE STRENGTH.
7. ALL CONSTRUCTION JOINT LOCATIONS MUST BE SHOWN ON SHOP DRAWINGS AND APPROVED BY THE ENGINEER. CONSTRUCTION JOINTS NOT SHOWN ON THE DRAWINGS SHALL BE LOCATED SO AS TO LEAST IMPAIR THE STRENGTH OF THE STRUCTURE AND SHOULD GENERALLY BE LOCATED AT MIDSPAN OR AT POINTS OF MINIMUM SHEAR.
8. ALL TYPES OF SLABS AND WALLS SHALL BE PLACED WITHOUT HORIZONTAL CONSTRUCTION JOINTS UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER. ALL CONSTRUCTION JOINTS SHALL BE FORMED WITH A STANDARD KEY OR WITH A ROUGHENED SURFACE, UNLESS SHOWN OTHERWISE.
9. PROVIDE A SMOOTH RUBBED SURFACE, FREE FROM BURRS, TIE HOLES, HONEYCOMBING, ETC. ON EXPOSED CONCRETE SURFACES.
10. PROVIDE A BROOM FINISH FOR EXTERIOR SLABS.
11. ALL EXPOSED EDGES SHALL BE CHAMFERED 1" UNLESS NOTED OTHERWISE.
12. WHEN CONCRETE IS PLACED AGAINST PREVIOUSLY HARDENED CONCRETE, THE INTERFACE SHALL BE CLEAN, FREE OF LAITANCE, AND INTENTIONALLY ROUGHENED TO FULL AMPLITUDE OF APPROXIMATELY 1/4 INCH.
13. AT ALL CONSTRUCTION JOINTS NOT DESIGNATED TO BE CONTROL JOINTS, NEW CONCRETE SHALL BE EPOXY BONDED TO HARDENED CONCRETE WITH SIKADUR 32, HI-MOD LPL MANUFACTURED BY SIKA CORP. OR ENGINEER APPROVED EQUAL. APPLY PER MANUFACTURER'S RECOMMENDATIONS.
14. ELASTOMERIC JOINT FILLER (FOR WALLS) SHALL BE "SIKAFLEX 1CSL" AND SEMI-RIGID EPOXY JOINT FILLER (FOR SLABS) SHALL BE "SIKADUR 51 SL" AS MANUFACTURED BY SIKA CORP. OR ENGINEER APPROVED EQUAL.
15. ALL CONCRETE SHALL BE PLACED IN THE DRY.
16. PROVIDE POUR STOPS AT THE EDGES OF CONCRETE SLAB POURS WHERE NOT OTHERWISE CONTAINED.

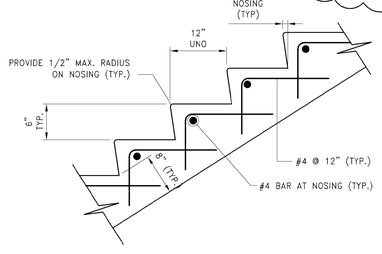
REINFORCING STEEL:

1. REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES AND THE STATE CODE.
2. COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL REINFORCING STEEL SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK. ALL ACCESSORIES MUST BE SHOWN ON THE SHOP DRAWINGS.
3. REINFORCING BARS SHALL CONFORM TO ASTM A615 OR A706 (WELDABLE) GRADE 60.
4. ALL REINFORCING STEEL SHALL BE UNCOATED. HOWEVER, ALL SUPPORTS SUCH AS CHAIRS, BOLSTERS, SPACERS, BLOCKS AND HANGERS SHALL BE OF NON-CORROSIVE MATERIAL. PROVIDE MINIMUM #5 SUPPORT BAR.
5. UNLESS NOTED ON THE DRAWINGS, THE MINIMUM CONCRETE PROTECTION (CLEAR COVER) FOR CAST-IN- PLACE CONCRETE COVER SHALL BE AS FOLLOWS:

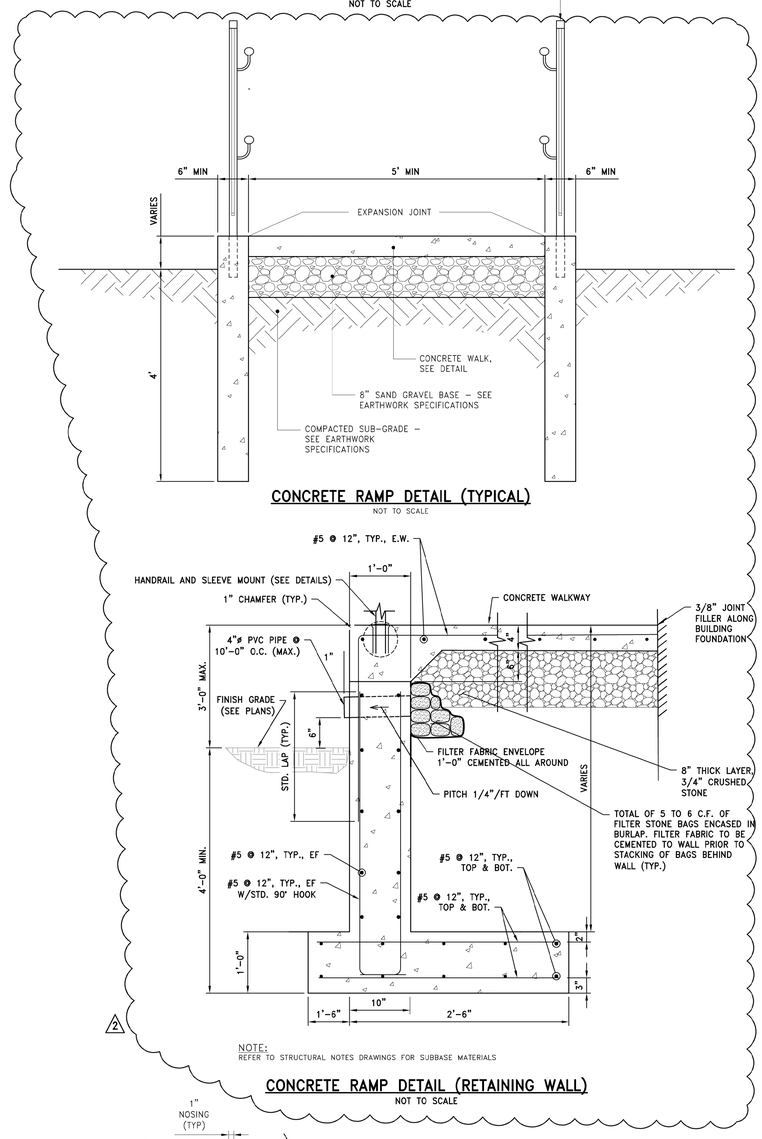
   CONCRETE PLACED AGAINST EARTH . . . . . 3"
   FORMED CONCRETE EXPOSED TO EARTH OR WATER . . . 2"
6. MINIMUM REINFORCEMENT DEVELOPMENT LENGTH AND LAP SPLICE LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318 FOR CLASS B LAPS UNLESS OTHERWISE NOTED ON THE DRAWINGS.



CSTR **CONCRETE STAIR DETAIL**
NOT TO SCALE



CONCRETE STEP DETAIL
NOT TO SCALE



CONCRETE RAMP DETAIL (TYPICAL)
NOT TO SCALE

2

NOTE:
REFER TO STRUCTURAL NOTES DRAWINGS FOR SUBBASE MATERIALS

CONCRETE RAMP DETAIL (RETAINING WALL)
NOT TO SCALE

HKT architects inc.
24 Roland Street,
Suite 301
Charlestown, MA 02129
T: 617.776.6545
F: 617.776.6678
www.hktarchitects.com

Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

Consultants

PARE
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035
508-543-1755

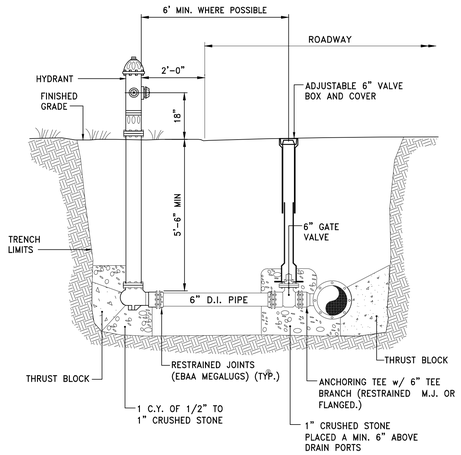
Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

SITE DETAILS - 3

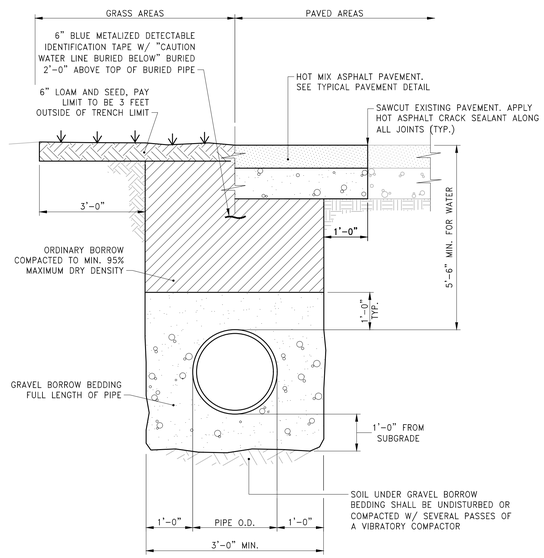
AWB Drawn by | LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-603

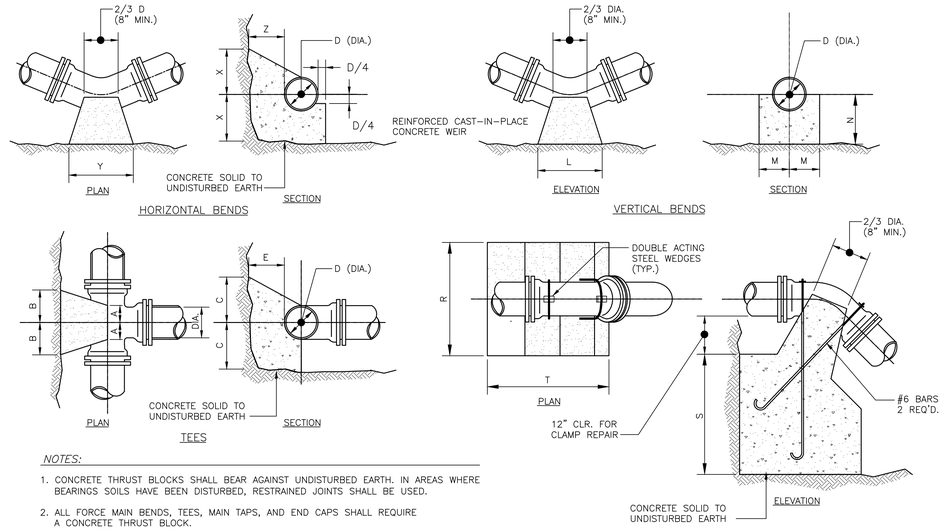
D:\2017\17-2043\17044.03 ash-Ashland PS Complex Final Plan & CA-MA\dwgs\C-600 Site Detailing



HYD **HYDRANT DETAIL**
NOT TO SCALE



WATER MAIN TRENCH DETAIL
NOT TO SCALE



NOTES:

1. CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH. IN AREAS WHERE BEARINGS SOILS HAVE BEEN DISTURBED, RESTRAINED JOINTS SHALL BE USED.
2. ALL FORCE MAIN BENDS, TEES, MAIN TAPS, AND END CAPS SHALL REQUIRE A CONCRETE THRUST BLOCK.

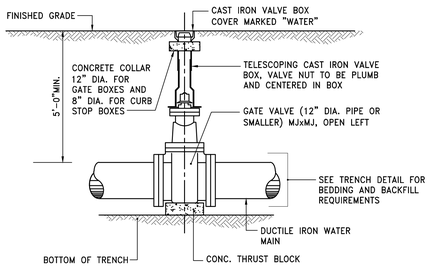
TEES						
		PIPE SIZE–D (DIA.)				
		6"	8"	12"	16"	20"
	A	8"	10"	1'-0"	1'-3"	1'-6"
	B	8"	10"	1'-2"	1'-4"	1'-6"
	C	10"	1'-0"	1'-3"	1'-6"	1'-8"
	E	8"	10"	1'-2"	1'-6"	1'-10"

HORTIZONTAL BENDS						
BEND		PIPE SIZE–D (DIA.)				
		6"	8"	12"	16"	20"
1/8	X	1'-0"	1'-0"	1'-0"	1'-3"	1'-6"
	Y	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"
	Z	8"	10"	1'-2"	1'-4"	1'-6"
1/16	X	1'-0"	1'-0"	1'-0"	1'-3"	1'-6"
	Y	1'-0"	1'-4"	1'-6"	1'-9"	2'-6"
	Z	8"	10"	1'-2"	1'-4"	1'-6"
1/32	X	1'-0"	1'-0"	1'-0"	1'-2"	1'-4"
	Y	1'-0"	1'-0"	1'-2"	1'-4"	1'-6"
	Z	8"	10"	1'-2"	1'-4"	1'-6"

VERTICAL BENDS						
BEND		PIPE SIZE–D (DIA.)				
		6"	8"	12"	16"	20"
1/8	L	1'-3"	1'-8"	2'-6"	3'-6"	4'-8"
	M	7"	8"	11"	1'-4"	1'-6"
	N	7"	8"	11"	1'-4"	1'-6"
1/16	L	9"	1'-0"	1'-9"	2'-6"	3'-0"
	M	7"	7"	10"	1'-0"	1'-2"
	N	7"	7"	8"	10"	1'-0"
1/32	L	6"	8"	1'-0"	1'-4"	1'-9"
	M	7"	7"	10"	1'-0"	1'-2"
	N	7"	7"	8"	10"	1'-0"

ANCHORAGES						
BEND		PIPE SIZE–D (DIA.)				
		6"	8"	12"	16"	20"
1/8	R	2'-6"	3'-0"	4'-6"	5'-4"	6'-0"
	S	2'-6"	2'-9"	3'-6"	4'-6"	5'-6"
	T	3'-0"	4'-0"	4'-9"	7'-0"	9'-6"
1/16	R	2'-0"	2'-8"	4'-0"	4'-6"	5'-0"
	S	1'-9"	2'-3"	2'-6"	3'-2"	3'-8"
	T	2'-6"	3'-4"	4'-0"	6'-0"	8'-6"
1/32	R	1'-6"	2'-0"	3'-0"	3'-8"	4'-3"
	S	1'-3"	1'-9"	2'-0"	2'-4"	2'-6"
	T	2'-0"	2'-6"	3'-0"	4'-6"	5'-9"

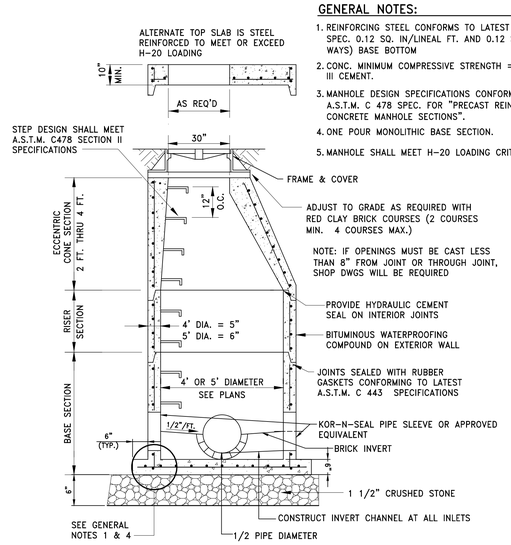
CONCRETE THRUST BLOCKS
NOT TO SCALE



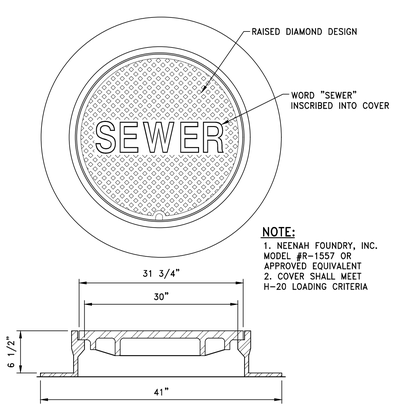
VALVE BOX DETAIL
NOT TO SCALE

GENERAL NOTES:

1. REINFORCING STEEL CONFORMS TO LATEST A.S.T.M. A 185 SPEC. 0.12 SQ. IN/LINEAL FT. AND 0.12 SQ. IN. (BOTH WAYS) BASE BOTTOM
2. CONC. MINIMUM COMPRESSIVE STRENGTH = 4000 PSI TYPE III CEMENT.
3. MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST A.S.T.M. C 478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
4. ONE POUR MONOLITHIC BASE SECTION.
5. MANHOLE SHALL MEET H–20 LOADING CRITERIA.

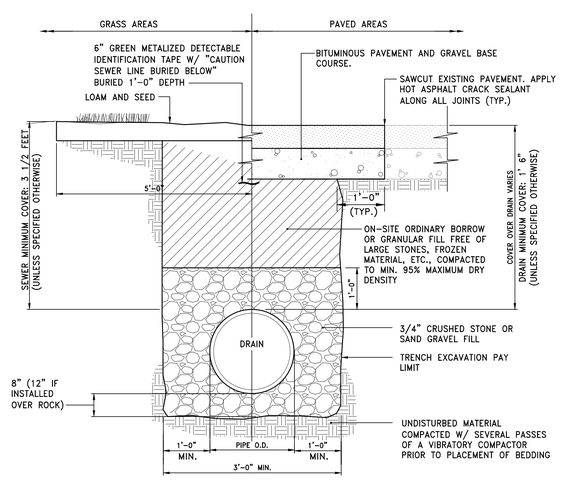


TYPICAL SEWER MANHOLE DETAIL
NOT TO SCALE



NOTE:
1. NEENAH FOUNDRY, INC. MODEL #R–1557 OR APPROVED EQUIVALENT
2. COVER SHALL MEET H–20 LOADING CRITERIA

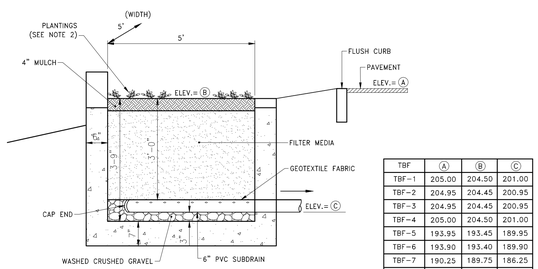
SANITARY MANHOLE FRAME & COVER
NOT TO SCALE



NOTES:

1. WHERE THE DISTANCE BETWEEN THE SAWCUT AND EDGE OF PAVEMENT IS 3' OR LESS, THE CONTRACTOR SHALL REPLACE THE PAVEMENT FROM THE TRENCH EDGE TO THE EXISTING EDGE OF PAVEMENT.
2. 3/4" DIA. CRUSHED STONE SHALL BE USED AS BEDDING WHERE TRENCH IS BELOW THE GROUND WATER TABLE.

DRAIN/SEWER TRENCH DETAIL
NOT TO SCALE



TBF	A	B	C
TBF–1	205.00	204.50	201.00
TBF–2	204.95	204.45	200.95
TBF–3	204.95	204.45	200.95
TBF–4	205.00	204.50	201.00
TBF–5	193.95	193.45	189.95
TBF–6	193.90	193.40	189.90
TBF–7	190.25	189.75	186.25
TBF–8	188.10	187.60	184.10
TBF–9	187.30	186.80	183.30
TBF–10	188.45	187.95	184.45

NOTES:

1. FILTER MEDIA SHALL BE 80% SAND AND 20% COMPOST.
2. REFER TO LANDSCAPE PLANS FOR VEGETATION.

TREE BOX FILTER
NOT TO SCALE

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Revision Schedule

Number	Revision	Date

Registrations

Consultants

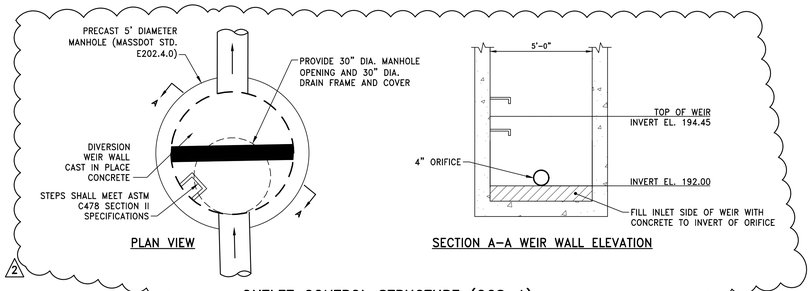
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FOXBORO, MA 02035
508-543-1755

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SITE DETAILS - 4

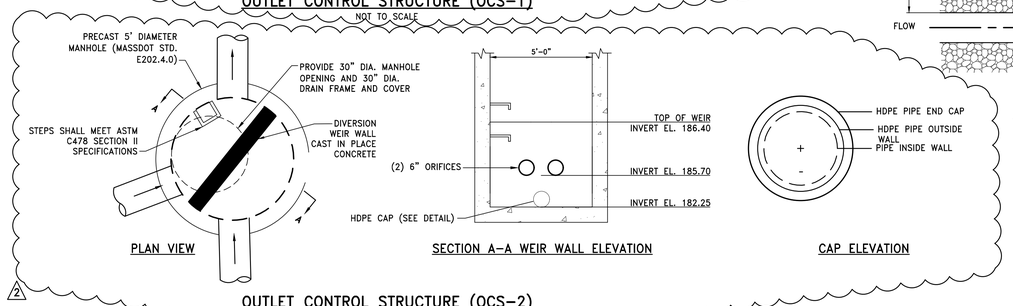
AWB Drawn by | LM Checked by
Date: OCTOBER 23, 2020
17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set
Drawing number: C-604

V:\2017\17044.03 ashland PS Complex Final Des & Eng\dwg\C-600 Site Details.dwg



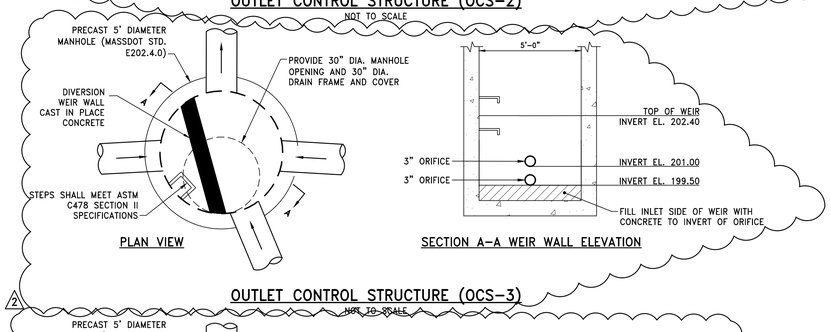
OUTLET CONTROL STRUCTURE (OCS-1)

NOT TO SCALE



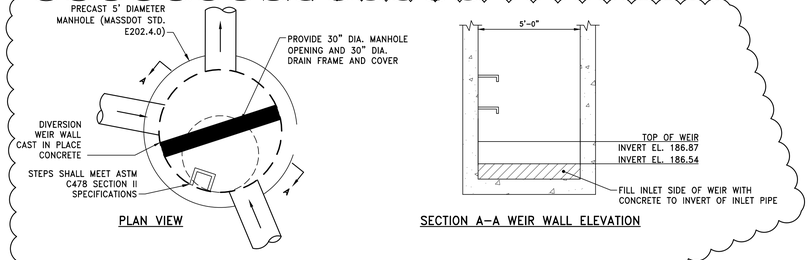
OUTLET CONTROL STRUCTURE (OCS-2)

NOT TO SCALE



OUTLET CONTROL STRUCTURE (OCS-3)

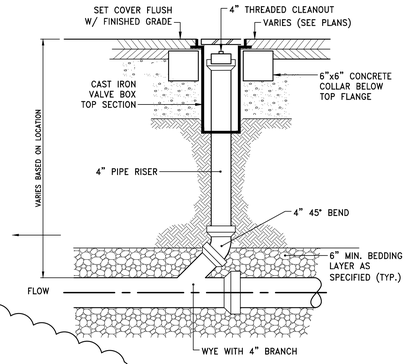
NOT TO SCALE



OUTLET CONTROL STRUCTURE (OCS-4)

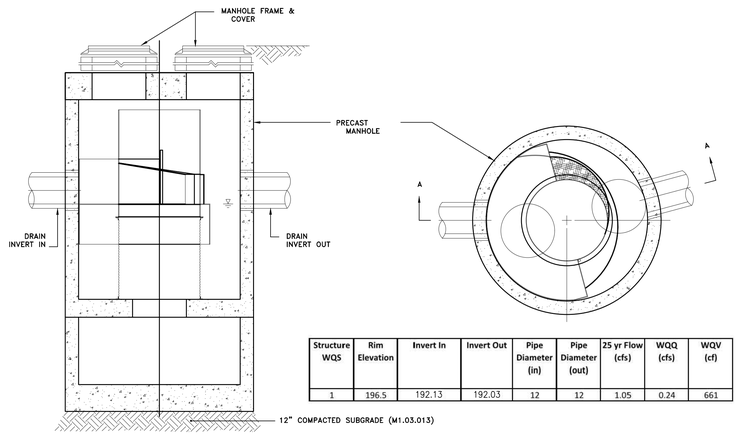
NOT TO SCALE

NOTES:
OUTLETCONTROL STRUCTURE DETAILS FOR WEIR WALL AND ORIFICE LOCATIONS, REFER TO DRAINAGE PLAN FOR INVERT LOCATIONS AND ELEVATIONS.



CLEANOUT DETAIL

NOT TO SCALE



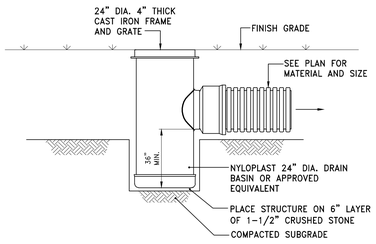
Structure WQS	Rim Elevation	Invert In	Invert Out	Pipe Diameter (in)	Pipe Diameter (out)	25 yr Flow (cfs)	WQQ (cfs)	WQV (cf)
1	196.5	192.13	192.03	12	12	1.05	0.24	661

NOTES:

1. MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS ARE SCHEMATIC DIMENSIONS. ACTUAL DIMENSIONS MAY VARY DEPENDING ON MANUFACTURER, DESIGN, AND STRUCTURE.
3. CONTRACTOR TO PROVIDE SHOP DRAWING AND CALCULATIONS FROM MANUFACTURER OF EACH HS
4. WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL CODES, LAWS, AND REGULATIONS OF MASSDEP, TOWN OF ASHLAND, AND ALL OTHER GOVERNING AGENCIES.
5. STRUCTURE AND CASTINGS SHALL MEET AASHTO HS20 LOAD RATING.
6. SEE TABLE FOR SIZING AND BASIS OF DESIGN DATA.

WQS-X WATER QUALITY STRUCTURE (HYDRODYNAMIC SEPARATOR)

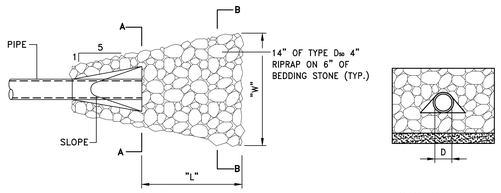
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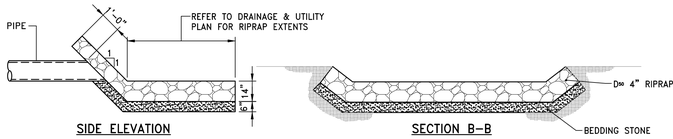
NOTES:
1. DRAIN BASIN SHALL BE CUSTOM MANUFACTURED FOR THE PROJECT WITH THE INLETS AND OUTLETS REQUIRED.
2. STRUCTURES SHALL BE CONSTRUCTED TO WITHSTAND LOADS IMPOSED BY CONSTRUCTION VEHICLES.
3. DRAIN BASIN SHALL BE CONSTRUCTED OF HIGH DENSITY POLYETHYLENE.
4. FRAME AND GRATE SHALL BE CONSTRUCTED OF DUCTILE IRON AND CONFORM TO ASTM A536 GRADE 70-50-05. PROVIDE NYLOPLAST 2499CGS OR APPROVED EQUIVALENT.

AREA DRAIN DETAIL

NOT TO SCALE

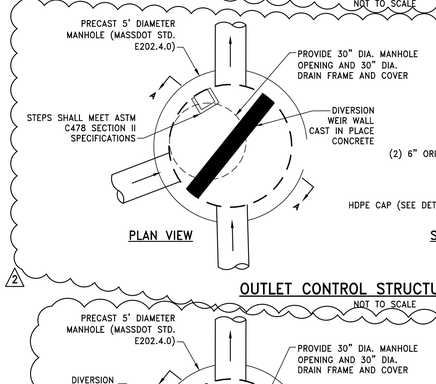


FES	L	W
1	4"	5.7'



RLS RIPRAP LEVEL SPREADER

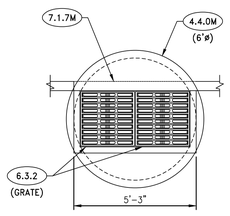
NOT TO SCALE



NOTE:
CONNECTION BETWEEN DOWNSPOUT AND HDPE PIPING SHALL BE CAPABLE OF DISCONNECTING SO ACCESS MAY BE GRANTED TO CLEAN AND MAINTAIN UNDERGROUND AND GUTTER PIPING.

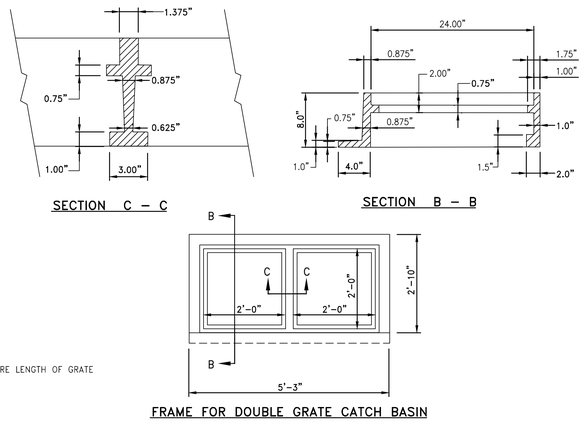
DOWNSPOUT DETAIL

NOT TO SCALE



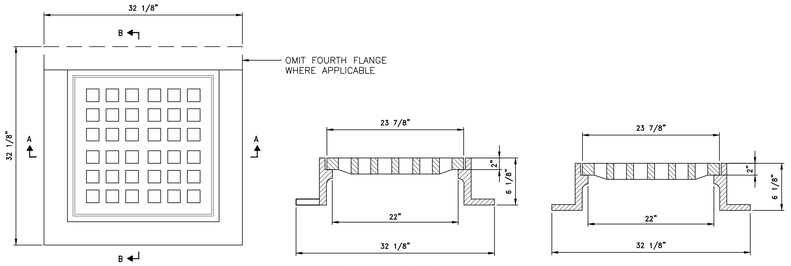
NOTE:
PROVIDE TYPE "F" CATCH BASIN ALONG ENTIRE LENGTH OF GRATE FOR CATCH BASINS PROPOSED ALONG CURB.

PLAN



DOUBLE GRATE CATCH BASIN

NOT TO SCALE



NOTES:
1. NEENAH FOUNDRY R-3405-A OR APPROVED EQUIVALENT.
2. FRAME AND GRATE SHALL MEET H-20 LOADING CRITERIA.

SQUARE CATCH BASIN FRAME & GRATE

NOT TO SCALE

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

Consultants

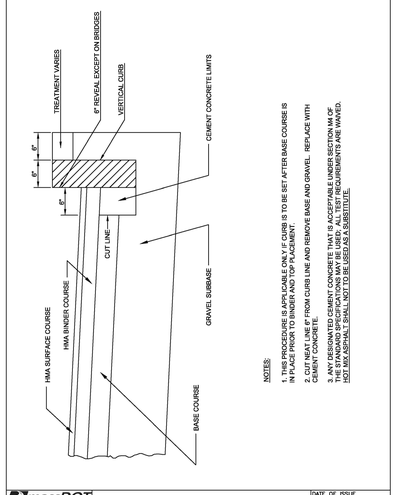
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508-543-1755

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SITE DETAILS - 5

Drawn by	Checked by
AWB	LM
Date	
OCTOBER 23, 2020	
Job number	
17044.03	AS NOTED
Drawing set	
CONSTRUCTION DOCUMENTS	
Drawing number	
C-605	

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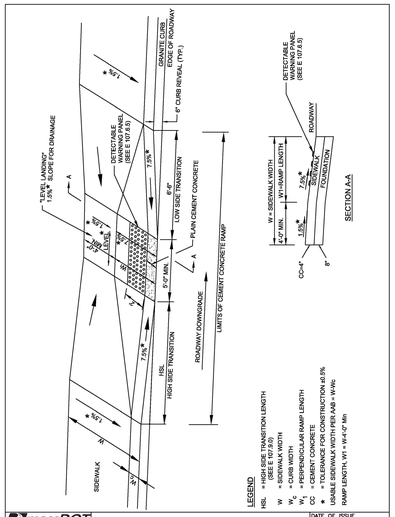
NOTES:

1. THIS PROCEDURE IS VERY LIKELY ONLY IF CURB IS TO BE SET AFTER BASE COURSE IS IN PLACE. PROPER HEIGHTS AND GRADES ARE CRITICAL.
2. CUT NEAT LINE 6" FROM CURB LINE AND REMOVE BASE AND GRAVEL. REPLACE WITH CEMENT CONCRETE.
3. ANY DESIGNATED CEMENT CONCRETE THAT IS ACCEPTABLE UNDER SECTION M4.02.1 OF THE STANDARD SPECIFICATIONS MAY BE USED. ALL SUBSTITUTIONS ARE WAIVED. HOT MIX ASPHALT SHALL NOT TO BE USED AS A SUBSTITUTE.

MassDOT Highway Division — CONSTRUCTION STANDARDS

METHOD OF SETTING VERTICAL CURB

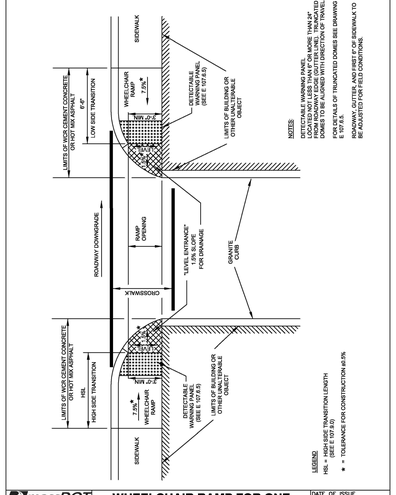
DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 106.3.0**



MassDOT Highway Division — CONSTRUCTION STANDARDS

WHEELCHAIR RAMPS LESS THAN 12'-4" SIDEWALK

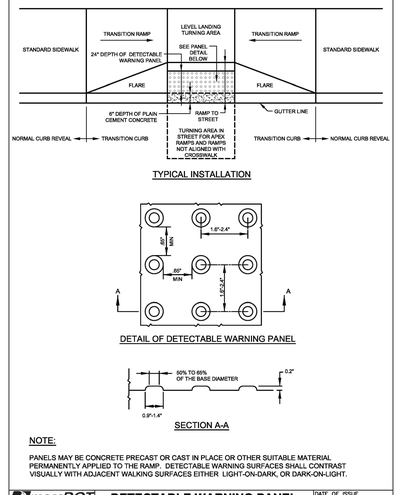
DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 107.2.0**



MassDOT Highway Division — CONSTRUCTION STANDARDS

WHEELCHAIR RAMP FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 107.6.0**



NOTE:

PANELS MAY BE CONCRETE PRECAST OR CAST IN PLACE OR OTHER SUITABLE MATERIAL PERMANENTLY APPLIED TO THE RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT.

MassDOT Highway Division — CONSTRUCTION STANDARDS

DETECTABLE WARNING PANEL FOR WHEELCHAIR RAMPS AND STANDARD RAMP TERMINOLOGY

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 107.6.5**

* HIGH SIDE TRANSITION LENGTH	ENGLISH UNITS
ROADWAY PROFILE GRADE %	
=0%	6'-6"
>0% TO 1%	7'-8"
>1% TO 2%	9'-0"
>2% TO 3%	11'-0"
>3% TO 4%	14'-0"
>4% TO 5%	15'-0" Max

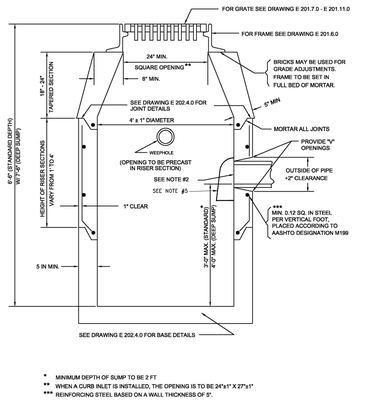
NOTE:

* BASED ON A DESIGN SLOPE OF 7.5% AND A REVEAL OF 6".

MassDOT Highway Division — CONSTRUCTION STANDARDS

CURB TRANSITION LENGTH FOR WHEELCHAIR RAMPS

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 107.9.0**



* MINIMUM DEPTH OF SUMP TO BE 2 FT
** WHEN A CURB INLET IS INSTALLED, THE OPENING IS TO BE 24"x1" X 27"x1"
*** REINFORCING STEEL BASED ON A WALL THICKNESS OF 5".

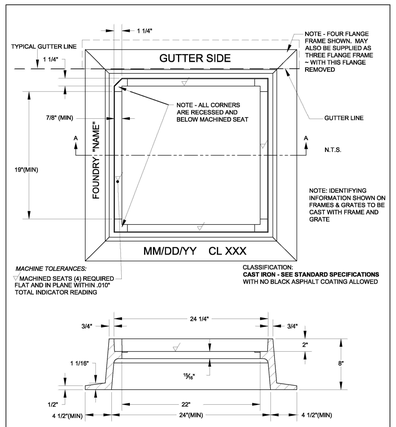
NOTES:

1. DETAILS NOT INDICATED ABOVE ARE TO BE SIMILAR TO THOSE SHOWN ON E 201.3.0
2. FACE OF PIPE FLUSH OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
3. FOR DESCRIPTION, MATERIALS AND CONSTRUCTION METHOD, SEE STANDARD SPECIFICATIONS.
4. ALL CONCRETE TO BE AIR ENTRAINED
5. THE ELIMINATOR AS MANUFACTURED BY GROUND WATER RESCUE, INC., THE SNOUT BY PEST MANAGEMENT PRACTICES, SNOUT BY LEBARON OR EQUAL SHALL BE EQUIPPED WITH AN ANTI SIPHON DEVICE.

MassDOT Highway Division — CONSTRUCTION STANDARDS

PRECAST CONCRETE CATCH BASIN

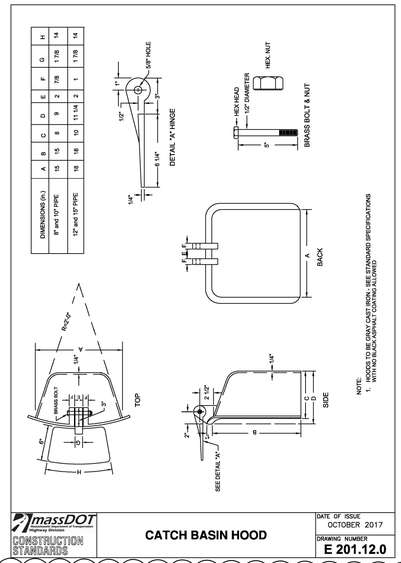
DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 201.4.0**



MassDOT Highway Division — CONSTRUCTION STANDARDS

CATCH BASIN FRAME

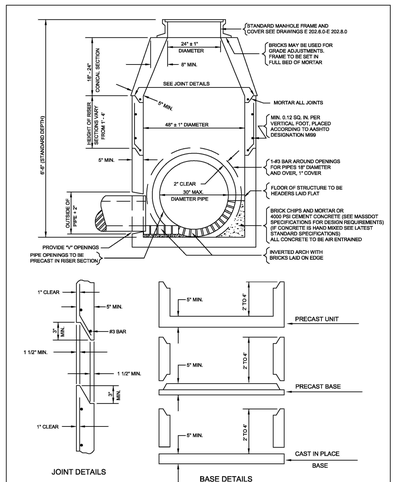
DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 201.6.0**



MassDOT Highway Division — CONSTRUCTION STANDARDS

CATCH BASIN HOOD

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 201.12.0**



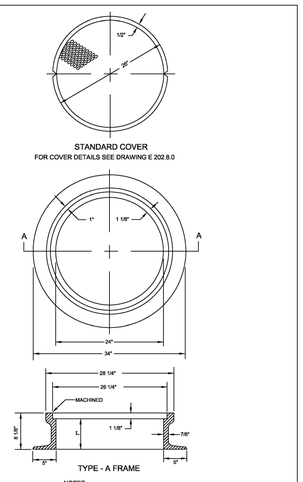
NOTE:

1. FOR DESCRIPTIONS, MATERIALS AND CONSTRUCTION METHODS, SEE LATEST STANDARD SPECIFICATIONS.

MassDOT Highway Division — CONSTRUCTION STANDARDS

PRECAST CONCRETE MANHOLES 9' OR LESS IN DEPTH

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 202.4.0**



TYPE - A FRAME

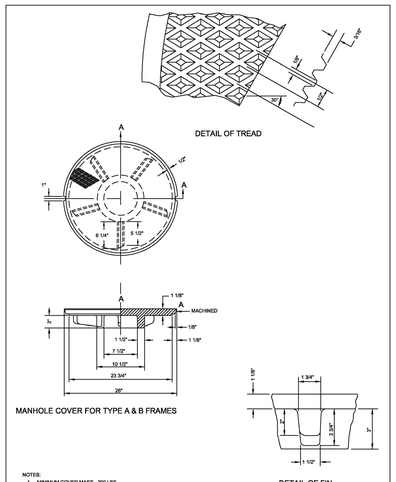
NOTES:

1. MINIMUM MASS - 265 LBS.
2. MATERIAL - CAST IRON - SEE STANDARD SPECIFICATIONS WITH NO BLACK ASPHALT COATING ALLOWED

MassDOT Highway Division — CONSTRUCTION STANDARDS

MANHOLE FRAME AND COVER - A FRAME

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 202.6.0**



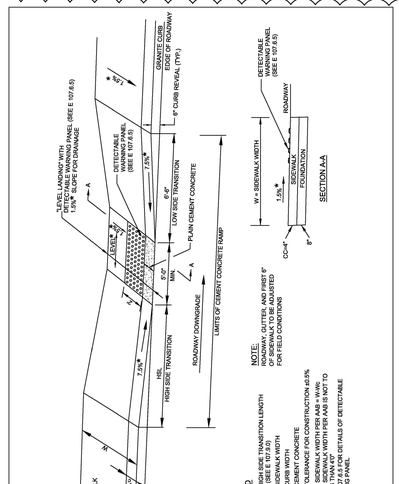
NOTES:

1. MINIMUM COVER MASS - 200 LBS.
2. MATERIAL - CAST IRON - SEE STANDARD SPECIFICATIONS WITH NO BLACK ASPHALT COATING ALLOWED

MassDOT Highway Division — CONSTRUCTION STANDARDS

MANHOLE COVER DETAILS

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 202.8.0**



MassDOT Highway Division — CONSTRUCTION STANDARDS

WHEELCHAIR RAMP ON NARROW SIDEWALK WITH DETECTABLE WARNING PANEL

DATE OF ISSUE: OCTOBER 2017
DRAWING NUMBER: **E 107.2.1**

2

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

Consultants

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Project
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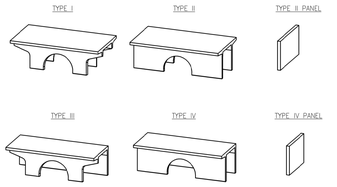
SITE DETAILS - 6

AWB Drawn by — LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number — AS NOTED
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-606

H:\2020\17_Ashl\17044.03 Ashland PS Complex Final Site & Ut Mstr\CAD\C-600 Site Details.dwg

NOTE:
"ANY MANUFACTURER'S NAMES AND/OR MODEL NUMBERS IDENTIFIED HEREIN ARE INTENDED TO ASSIST IN ESTABLISHING A GENERAL LEVEL OF QUALITY, CONFIGURATION, FUNCTIONALITY, AND APPEARANCE REQUIRED. THIS IS NOT A PROPRIETARY SPECIFICATION AND IT SHOULD BE NOTED THAT "OR APPROVED EQUIVALENT" APPLIES TO ALL PRODUCTS DENOTED HEREIN. IT IS UNDERSTOOD THAT ALL MANUFACTURES WILL HAVE MINOR VARIATIONS IN CONFIGURATION, APPEARANCE, AND PRODUCT SPECIFICATION TO ENCOURAGE OPEN AND COMPETITIVE INVOLVEMENT FROM MULTIPLE MANUFACTURERS THAT ARE ABLE TO SUPPLY SIMILAR PRODUCTS."



UNDERGROUND DETENTION SYSTEM UNIT TYPES
NOT TO SCALE
(CONCRETE VAULT SYSTEM)

INSTALLATION SPECIFICATIONS

1. MODULES SHALL BE MANUFACTURED ACCORDING TO SHOP DRAWINGS APPROVED BY THE INSTALLING CONTRACTOR AND ENGINEER. THE SHOP DRAWINGS SHALL INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET/ OUTLET PIPE OPENINGS.
2. SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C891–09, STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRE–CAST CONCRETE UTILITY STRUCTURES. THE FOLLOWING ADDITIONS AND/OR EXCEPTIONS SHALL APPLY:

A. THE MODULES SHALL BE PLACED ON LEVEL FOUNDATION WITH A 1"–0" OVERHANG ON ALL SIDES THAT SHALL BE POURED IN PLACE BY INSTALLING CONTRACTOR.

B. THE MODULES SHALL BE PLACED SUCH THAT THE MAXIMUM SPACE BETWEEN ADJACENT MODULES DOES NOT EXCEED 3/4" IF THE SPACE EXCEEDS 3/4", THE MODULES SHALL BE RESET WITH APPROPRIATE ADJUSTMENT MADE TO LINE AND GRADE TO BRING THE SPACE INTO SPECIFICATION.

C. THE PERIMETER HORIZONTAL JOINT OF THE MODULES SHALL BE SEALED TO THE FOUNDATION WITH PREFORMED MASTIC JOINT SEALER ACCORDING TO ASTM C891–09, 8.8 AND 8.12. SEE DETAIL "A".

D. ALL EXTERIOR JOINTS BETWEEN ADJACENT MODULES SHALL BE SEALED WITH PRE–FORMED, COLD–APPLIED, SELF–ADHERING ELASTOMERIC RESIN BONDED TO A WOVEN HIGHLY PUNCTURE RESISTANT POLYMER WRAP CONFORMING TO ASTM C891–09 AND SHALL BE 0'–8" INTEGRATED PRIMER SEALANT AS APPROVED BY MANUFACTURER. THE ADHESIVE EXTERIOR JOINT WRAP SHALL BE INSTALLED ACCORDING TO THE FOLLOWING INSTALLATION INSTRUCTIONS:

- USE A BRUSH OR WET CLOTH TO THOROUGHLY CLEAN THE OUTSIDE SURFACE AT THE POINT WHERE THE JOINT WRAP IS TO BE APPLIED.
- A RELEASE PAPER PROTECTS THE ADHESIVE SIDE OF THE JOINT WRAP. PLACE THE ADHESIVE TAPE (BUTYL SIDE DOWN) AROUND THE STRUCTURE, REMOVING THE RELEASE PAPER AS YOU GO. PRESS THE JOINT WRAP FIRMLY AGAINST THE MODULE SURFACE WHEN APPLYING.

E. THE FILL PLACED AROUND THE UNITS MUST BE DEPOSITED ON BOTH SIDES AT THE SAME TIME AND TO APPROXIMATELY THE SAME ELEVATION. AT NO TIME SHALL THE FILL BEHIND ONE SIDE WALL BE MORE THAN 2'–0" HIGHER THAN THE FILL ON THE OPPOSITE SIDE. BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY OR OTHERWISE SPECIFIED BY ENGINEER. CARE SHALL BE TAKEN TO PREVENT ANY WEDGING ACTION AGAINST THE STRUCTURE, AND ALL SLOPES BOUNDING OR WITHIN THE AREA TO BE BACKFILLED MUST BE STEPPED OR SERRATED TO PREVENT WEDGE ACTION. (REFERENCE ARTICLE 502.10 I.D.0.T. S.S.R.B.C.) CARE SHALL ALSO BE TAKEN AS NOT TO DISRUPT THE JOINT WRAP FROM THE JOINT DURING THE BACKFILL PROCESS. BACKFILL MATERIAL SHALL BE CLEAN, CRUSHED, ANGULAR No.5 (AASHTO M43) AGGREGATE.

F. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE SELECTED WATER TIGHT SOLUTION PERFORMS AS SPECIFIED BY THE MANUFACTURER.

G. CONTRACTOR SHALL SUBMIT BUOYANCY CALCULATIONS INDICATING BUOYANCY FORCES ARE ACCOUNTED FOR AND WILL BE COUNTERACTED BY INSTALLED CONDITIONS FOR THE LINED DETENTION SYSTEMS.

ACCESS OPENING SPECIFICATION

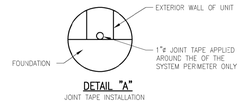
1. TYPICAL ACCESS OPENINGS FOR THE SYSTEM ARE 2'–0" IN DIAMETER. ALL OPENINGS MUST RETAIN AT LEAST 1'–0" OF CLEARANCE IN ALL DIRECTIONS FROM THE EDGE OF THE UNITS.
2. THE HIGHEST STEP IN THE UNIT S TO BE PLACED A DISTANCE OF 1'–0" FROM THE INSIDE EDGE OF THE UNITS. ALL ENSUING STEPS SHALL BE PLACED WITH A MAXIMUM DISTANCE OF 1'–4" BETWEEN THEM. STEPS MAY BE MOVED OR ALTERED TO AVOID OPENINGS OR OTHER IRREGULARITIES IN THE UNIT.
3. ACCESS OPENINGS MAY BE RELOCATED TO AVOID INTERFERENCE WITH INLET AND/OR OUTLET PIPE OPENINGS SO PLACEMENT OF STEPS IS ATTAINABLE.
4. ACCESS OPENINGS SHOULD BE LOCATED IN ORDER MEET THE APPROPRIATE MUNICIPAL REQUIREMENTS. AT LEAST ONE ACCESS SHALL BE PROVIDED OPENING PER SYSTEM FOR ACCESS AND INSPECTION.

PIPE OPENING SPECIFICATION

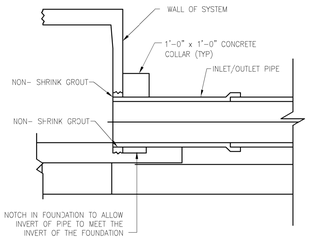
1. PIPE OPENINGS SHALL MAINTAIN A MINIMUM 1'–0" OF CLEARANCE FROM A VERTICAL EDGE OF THE UNIT.
2. CONNECTING PIPES SHALL BE INSTALLED WITH A 1'–0" CONCRETE COLLAR, AND A AGGREGATE CRADLE FOR AT LEAST ONE PIPE LENGTH, AS SHOWN. A STRUCTURAL GRADE CONCRETE OR GROUT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI SHALL BE USED.
3. THE ANNULAR SPACE BETWEEN THE PIPE AND THE HOLE SHALL BE FILLED WITH NON–SHRINK GROUT.

PIPE INSTALLATION INSTRUCTIONS

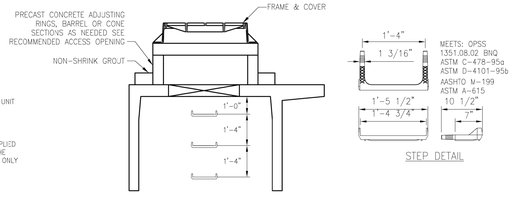
1. CLEAN AND LIGHTLY LUBRICATE ALL OF PIPE TO BE INSERTED.
2. IF PIPE IS CUT, CARE SHOULD BE TAKEN TO ALLOW NO SHARP EDGES. BEVEL AND LUBRICATE LEAD END OF PIPE.
3. ALIGN CENTER OF PIPE TO CORRECT ELEVATION AND INSERT INTO OPENING.



DETAIL "A"
JOINT TAPE INSTALLATION

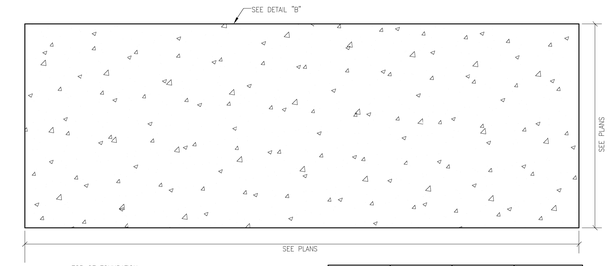


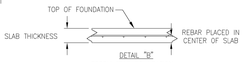
FOUNDATION PIPE CONNECTION



STEP DETAIL

RISER / STAIR DETAIL
NOT TO SCALE
(CONCRETE VAULT SYSTEM)





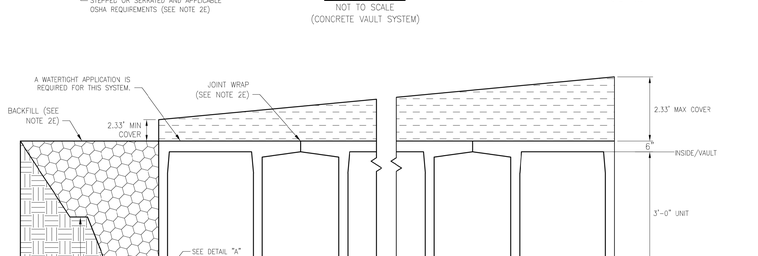
STORM TRAP FOUNDATION

MAXIMUM SYSTEM COVER	SLAB THICKNESS	CONCRETE STRENGTH	REINFORCEMENT (BOTH DIRECTIONS)
6" – 1'–0"	8"	4000 psi	#4 @ 18" o.c.
>1'–0" – 2'–0"	8"	4000 psi	#4 @ 16" o.c.
>2'–0" – 3'–0"	8"	4000 psi	#4 @ 12" o.c.
>3'–0" – 4'–0"	8"	4000 psi	#4 @ 12" o.c.
>4'–0" – 5'–0"	8"	4000 psi	#5 @ 18" o.c.
>5'–0" – 6'–0"	8"	4000 psi	#5 @ 16" o.c.
>6'–0" – 7'–0"	8"	4000 psi	#5 @ 16" o.c.
>7'–0" – 8'–0"	9"	4000 psi	#5 @ 12" o.c.
>8'–0" – 9'–0"	10"	4000 psi	#5 @ 12" o.c.
>9'–0" – 10'–0"	10"	4500 psi	#5 @ 12" o.c.

NOTES:

1. CONCRETE STRENGTH @ 28 DAYS, 5%–8% ENTRAINED AIR, 4" MAX. SLUMP.
2. NET ALLOWABLE SOIL PRESSURE GREATER THAN OR EQUAL TO 4000 PSF.
3. SOIL CONDITIONS TO BE VERIFIED ON SITE.
4. 1'–0" OVERHANG AROUND OUTSIDE OF SYSTEM.
5. REBAR: ASTM A–615 GRADE 60, BLACK BAR.
6. DIMENSION OF FOUNDATION MUST HAVE 1'–0" OVERHANG BEYOND EXTERNAL FACE OF UNITS.
7. DIMENSION OF SYSTEM ALLOW FOR A 3/4" GAP BETWEEN EACH UNIT.
8. ALL DIMENSIONS TO BE VERIFIED IN THE FIELD.
9. THE CONTROL JOINTS CAN BE 16'–0" TO 24'–0" MAX APART.

CONCRETE FOUNDATION PLAN
NOT TO SCALE
(CONCRETE VAULT SYSTEM)



2'=6" UNIT
NOT TO SCALE
(CONCRETE VAULT SYSTEM)

SYSTEM SPECIFICATION

1. MANUFACTURER SHALL BE STORMTRAP, LLC, UNITED CONCRETE PRODUCTS, CONCRETE SYSTEMS INC, OR APPROVED EQUIVALENT.
2. CONTRACTOR SHALL SUBMIT MANUFACTURERS SHOP DRAWINGS, INCLUDING PLANS, ELEVATIONS, SECTIONS, AND DETAILS, INDICATING LAYOUT, DIMENSIONS, FOUNDATION. COVER, AND JOINTS. INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET AND OUTLET PIPE OPENINGS.
3. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS INCLUDING STORMWATER VOLUME SIZING, STRUCTURAL CALCULATIONS, AND BUOYANCY CALCULATIONS.
4. TOTAL COVER: REFER TO DETAILS AND CONSULT MANUFACTURER FOR ADDITIONAL COVER OPTIONS AND REQUIREMENTS.
5. THE SYSTEM SHALL BE WATER TIGHT.
6. CONCRETE CHAMBER SHAL, BE DESIGNED FOR AASHTO HS–20 HIGHWAY LOADING. MIN. SOIL PRESSURE 4000 PSF.
7. ALL DIMENSIONS AND SOIL CONDITIONS, INCLUDING BUT NOT LIMITED TO GROUNDWATER AND SOIL BEARING CAPACITY ARE TO BE VERIFIED IN THE FIELD BY OTHERS PRIOR TO UNIT INSTALLATION.
8. FOR STRUCTURAL CALCULATIONS THE GROUND WATER TABLE SHALL BE ASSUMED TO BE AT ELEVATION 194.6 FT.
9. FOR STRUCTURAL CALCULATIONS THE SOIL DENSITY IS ASSUMED TO BE 120 PCF.
10. FOR FLOTATION CALCULATIONS THE GROUND WATER TABLE SHALL BE ASSUMED TO BE AT ELEVATION 194.6 FT.
11. SYSTEM VOLUME = 1,880 CF.
12. MANHOLE/INSPECTION PORTS SHALL BE PROVIDED PER MANUFACTURERS RECOMMENDATIONS FOR INSPECTION AND MAINTENANCE PURPOSES.

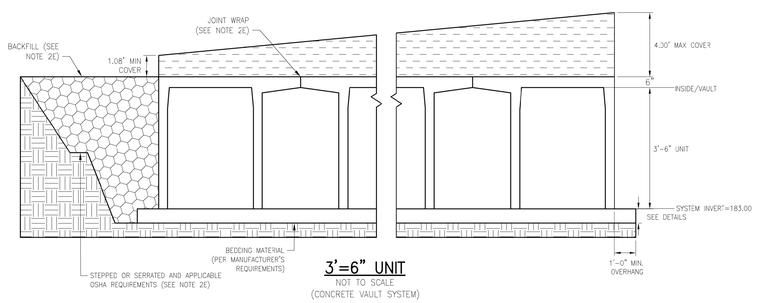
UNDERGROUND CONCRETE VAULT DETENTION SYSTEM (UGDS–1)
NOT TO SCALE

3'=0" UNIT
NOT TO SCALE
(CONCRETE VAULT SYSTEM)

SYSTEM SPECIFICATION

1. MANUFACTURER SHALL BE STORMTRAP, LLC, UNITED CONCRETE PRODUCTS, CONCRETE SYSTEMS INC, OR APPROVED EQUIVALENT.
2. CONTRACTOR SHALL SUBMIT MANUFACTURERS SHOP DRAWINGS, INCLUDING PLANS, ELEVATIONS, SECTIONS, AND DETAILS, INDICATING LAYOUT, DIMENSIONS, FOUNDATION. COVER, AND JOINTS. INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET AND OUTLET PIPE OPENINGS.
3. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS INCLUDING STORMWATER VOLUME SIZING, STRUCTURAL CALCULATIONS, AND BUOYANCY CALCULATIONS.
4. TOTAL COVER: REFER TO DETAILS AND CONSULT MANUFACTURER FOR ADDITIONAL COVER OPTIONS AND REQUIREMENTS.
5. CONCRETE CHAMBER SHAL, BE DESIGNED FOR AASHTO HS–20 HIGHWAY LOADING. MIN. SOIL PRESSURE 4000 PSF.
6. ALL DIMENSIONS AND SOIL CONDITIONS, INCLUDING BUT NOT LIMITED TO GROUNDWATER AND SOIL BEARING CAPACITY ARE TO BE VERIFIED IN THE FIELD BY OTHERS PRIOR TO UNIT INSTALLATION.
7. FOR STRUCTURAL CALCULATIONS THE GROUND WATER TABLE SHALL BE ASSUMED TO BE BELOW INVERT OF THE SYSTEM. REFER TO SHEET C–100 FOR REQUIREMENTS TO CONDUCT TEST PITS WITHIN THE FOOTPRINT OF THE SYSTEM FOR CONFIRMATION OF GROUNDWATER ELEVATION. SYSTEM SHALL MAINTAIN A MINIMUM OF 2' CLEAR TO THE ESTIMATED SEASONAL HIGH GROUNDWATER TABLE.
8. SYSTEM VOLUME = 17,789 CF.
9. MANHOLE/INSPECTION PORTS SHALL BE PROVIDED PER MANUFACTURERS RECOMMENDATIONS FOR INSPECTION AND MAINTENANCE PURPOSES.

UNDERGROUND CONCRETE VAULT DETENTION SYSTEM (UGDS–2)
NOT TO SCALE



3'=6" UNIT
NOT TO SCALE
(CONCRETE VAULT SYSTEM)

SYSTEM SPECIFICATION

1. MANUFACTURER SHALL BE STORMTRAP, LLC, UNITED CONCRETE PRODUCTS, CONCRETE SYSTEMS INC, OR APPROVED EQUIVALENT.
2. CONTRACTOR SHALL SUBMIT MANUFACTURERS SHOP DRAWINGS, INCLUDING PLANS, ELEVATIONS, SECTIONS, AND DETAILS, INDICATING LAYOUT, DIMENSIONS, FOUNDATION. COVER, AND JOINTS. INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET AND OUTLET PIPE OPENINGS.
3. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS INCLUDING STORMWATER VOLUME SIZING, STRUCTURAL CALCULATIONS, AND BUOYANCY CALCULATIONS.
4. TOTAL COVER: REFER TO DETAILS AND CONSULT MANUFACTURER FOR ADDITIONAL COVER OPTIONS AND REQUIREMENTS.
5. CONCRETE CHAMBER SHAL, BE DESIGNED FOR AASHTO HS–20 HIGHWAY LOADING. MIN. SOIL PRESSURE 4000 PSF.
6. ALL DIMENSIONS AND SOIL CONDITIONS, INCLUDING BUT NOT LIMITED TO GROUNDWATER AND SOIL BEARING CAPACITY ARE TO BE VERIFIED IN THE FIELD BY OTHERS PRIOR TO UNIT INSTALLATION.
7. MANHOLE/INSPECTION PORTS SHALL BE PROVIDED PER MANUFACTURERS RECOMMENDATIONS FOR INSPECTION AND MAINTENANCE PURPOSES.

UNDERGROUND CONCRETE VAULT INFILTRATION SYSTEM (UGIS–1)
NOT TO SCALE

2

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

Consultants

PARE
PARE CORPORATION
ENGINEERS - SCIENTISTS - PLANNERS
10 LINCOLN ROAD, SUITE 210
FOXBORO, MA 02035
508-543-1755

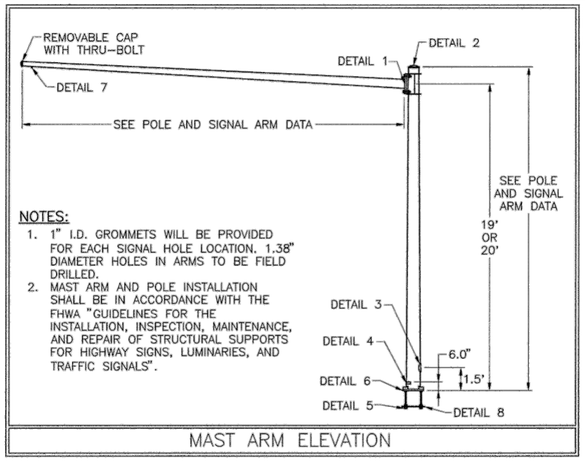
Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

SITE DETAILS - 7

AWB Drawn by | LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
C-607

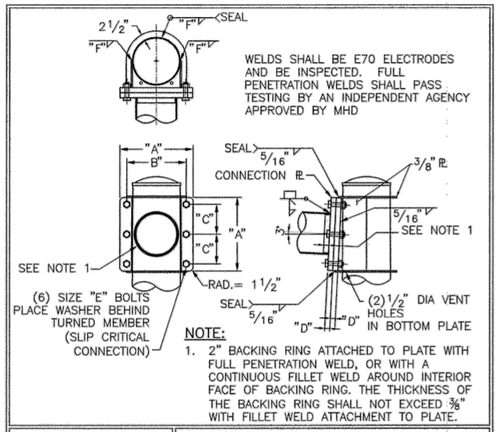
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NOTES:

1. 1" I.D. GROMMETS WILL BE PROVIDED FOR EACH SIGNAL HOLE LOCATION. 1.38" DIAMETER HOLES IN ARMS TO BE FIELD DRILLED.
2. MAST ARM AND POLE INSTALLATION SHALL BE IN ACCORDANCE WITH THE FHWA "GUIDELINES FOR THE INSTALLATION, INSPECTION, MAINTENANCE, AND REPAIR OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS".

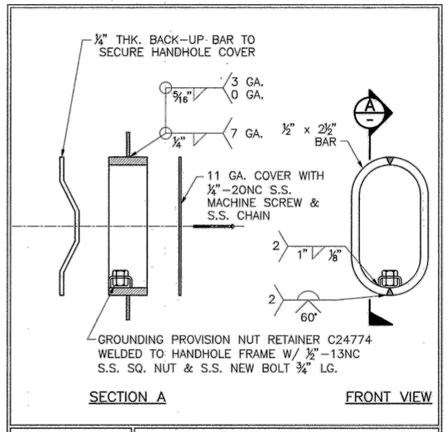
MAST ARM ELEVATION



NOTE:

1. 2" BACKING RING ATTACHED TO PLATE WITH FULL PENETRATION WELD, OR WITH A CONTINUOUS FILLET WELD AROUND INTERIOR FACE OF BACKING RING. THE THICKNESS OF THE BACKING RING SHALL NOT EXCEED 3/8" WITH FILLET WELD ATTACHMENT TO PLATE.

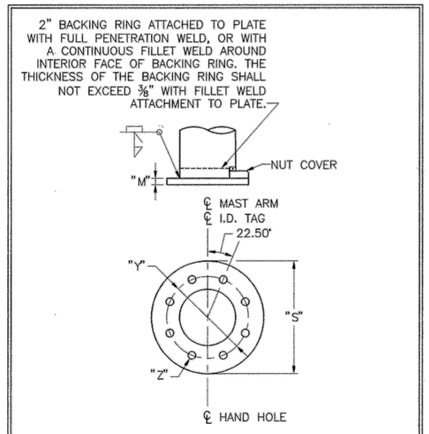
DETAIL 1 | SIGNAL ARM ATTACHMENT



DETAIL 3 | 4"x8" HANDHOLE

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA			
PROJECT FILE NO. XXXXXX			

STANDARD DRAWINGS
TYPE II MAST ARMS

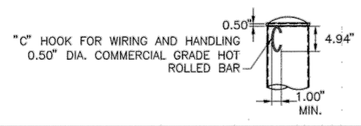


DETAIL 6 | POLE BASE

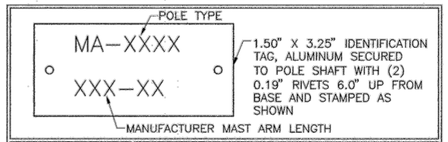
MATERIAL DATA

COMPONENT	DESIGNATION	YIELD (KSI)	COMPONENT	DESIGNATION	YIELD (KSI)
POLE TUBE	ASTM A595 GR. A	55	ARM TUBE	ASTM A595 GR. A	55
POLE BASE PLATE	AASHTO M270	50	ARM CONNECTION PLATE	AASHTO M270	50
ANCHOR BOLTS	AASHTO M314	55	ARM CONNECTING BOLTS	AASHTO M164 **	
GALVANIZING	AASHTO M111 OR M232				

** BOLTS WHICH ACCUMULATE RUST OR DIRT SHALL BE DISCARDED.



DETAIL 2 | POLE TOP



DETAIL 4 | I.D. TAG

POLE AND SIGNAL ARM DATA – LIGHT LOADS

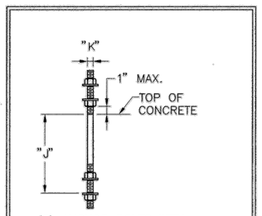
LOCATIONS	SIGNAL ARM TUBE				POLE TUBE				POLE BASE				ANCHOR BOLT		SIGNAL ARM ATTACHMENT DATA					
	SPAN (FT)	FIXED END DIA. (IN)	FREE END DIA. (IN)	WALL THK.	BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	WALL THK.	PLATE CIRCLE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE "Z" (IN)	DIA. "K" (IN)	EMBED. LENGTH "J" (IN)	"A" (IN)	"B" (IN)	"C" (IN)	"D" (IN)	"E" (IN)	"F" (IN)
	15.00	9.00	6.90	7 GA.	12.00	9.06	21.00	7 GA.	29.50	24.00	1.50	1.813	1.50	36.00	19.00	15.00	7.50	1.00	1.00	0.188
	20.00	9.00	6.20	7 GA.	12.00	9.06	21.00	7 GA.	29.50	24.00	1.50	1.813	1.50	36.00	19.00	15.00	7.50	1.00	1.00	0.188
	25.00	10.00	6.50	7 GA.	13.00	10.06	21.00	7 GA.	29.50	24.00	1.50	1.813	1.50	36.00	20.00	16.00	8.00	1.00	1.00	0.188
	30.00	12.50	8.30	3 GA.	15.50	12.56	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	23.50	19.00	9.50	1.25	1.25	0.250
	35.00	13.00	8.10	3 GA.	16.00	13.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	24.50	20.00	10.00	1.25	1.25	0.250
	40.00	13.00	7.40	3 GA.	16.00	13.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	24.50	20.00	10.00	1.25	1.25	0.250
	45.00	13.50	7.20	3 GA.	16.50	13.56	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	27.50	22.00	11.00	1.50	1.50	0.313

POLE AND SIGNAL ARM DATA – MEDIUM LOADS

LOCATIONS	SIGNAL ARM TUBE				POLE TUBE				POLE BASE				ANCHOR BOLT		SIGNAL ARM ATTACHMENT DATA					
	SPAN (FT)	FIXED END DIA. (IN)	FREE END DIA. (IN)	WALL THK.	BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	WALL THK.	PLATE CIRCLE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE "Z" (IN)	DIA. "K" (IN)	EMBED. LENGTH "J" (IN)	"A" (IN)	"B" (IN)	"C" (IN)	"D" (IN)	"E" (IN)	"F" (IN)
	15.00	9.00	6.90	7 GA.	12.00	9.06	21.00	7 GA.	29.50	24.00	1.50	1.813	1.50	36.00	19.00	15.00	7.50	1.00	1.00	0.188
	20.00	10.00	7.20	3 GA.	13.00	10.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	20.00	16.00	8.00	1.00	1.00	0.250
	25.00	11.00	7.50	3 GA.	14.00	11.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	23.50	19.00	9.50	1.25	1.25	0.250
	30.00	13.00	8.80	3 GA.	16.00	13.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	23.50	19.00	9.50	1.25	1.25	0.250
	35.00	14.00	9.10	3 GA.	17.00	14.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	27.50	22.00	11.00	1.50	1.50	0.250
	40.00	15.00	9.40	3 GA.	18.00	15.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	27.50	22.00	11.00	1.50	1.50	0.250
	45.00	16.00	9.70	0 GA.	19.00	16.06	21.00	0 GA.	29.50	24.00	1.50	1.813	1.50	36.00	29.50	24.00	12.00	1.75	1.50	0.313

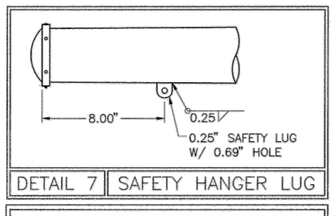
POLE AND SIGNAL ARM DATA – HEAVY LOADS

LOCATIONS	SIGNAL ARM TUBE				POLE TUBE				POLE BASE				ANCHOR BOLT		SIGNAL ARM ATTACHMENT DATA					
	SPAN (FT)	FIXED END DIA. (IN)	FREE END DIA. (IN)	WALL THK.	BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	WALL THK.	PLATE CIRCLE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	HOLE "Z" (IN)	DIA. "K" (IN)	EMBED. LENGTH "J" (IN)	"A" (IN)	"B" (IN)	"C" (IN)	"D" (IN)	"E" (IN)	"F" (IN)
	15.00	9.00	6.90	7 GA.	12.00	9.06	21.00	7 GA.	29.50	24.00	1.50	1.813	1.50	36.00	19.00	15.00	7.50	1.00	1.00	0.188
	20.00	12.50	9.70	3 GA.	15.50	12.56	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	24.00	19.00	9.50	1.25	1.25	0.250
	25.00	14.00	10.50	3 GA.	17.00	14.06	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	27.50	22.00	11.00	1.50	1.50	0.250
	30.00	15.50	11.30	3 GA.	18.50	15.56	21.00	3 GA.	29.50	24.00	1.50	1.813	1.50	36.00	27.50	22.00	11.00	1.50	1.50	0.250
	35.00	16.50	11.60	0 GA.	19.50	16.56	21.00	0 GA.	34.50	28.00	1.75	2.063	1.75	36.00	29.50	24.00	12.00	1.75	1.50	0.313
	40.00	17.50	11.90	0 GA.	20.50	17.56	21.00	0 GA.	34.50	28.00	1.75	2.063	1.75	36.00	29.50	24.00	12.00	1.75	1.50	0.313
	45.00	18.50	12.20	0 GA.	21.50	18.56	21.00	0 GA.	34.50	28.00	1.75	2.063	1.75	36.00	31.50	26.00	13.00	2.00	1.50	0.313

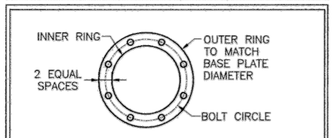


(8) ANCHOR BOLTS WITH (4) HEX NUTS, (4) FLAT WASHERS, AND (1) LOCK-WASHER PER BOLT.

DETAIL 5 | ANCHOR BOLT



DETAIL 7 | SAFETY HANGER LUG



DETAIL 8 | ANCHOR PLATE

MONTH_DD,_YYYY	ISSUED FOR CONSTRUCTION

Moving Massachusetts Forward
massDOT Highway

STANDARD DRAWINGS

TYPE II MAST ARMS
DETAILS

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION
10 PARK PLAZA BOSTON, MASS

CHIEF ENGINEER 2/24/2011
BRIDGE ENGINEER
TRAFFIC ENGINEER

SHEET 4 OF 5 SHEETS

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Revision Schedule

Number	Revision	Date

Registrations

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Project
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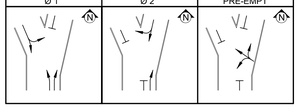
SITE DETAILS - 8

AWB Drawn by | LM Checked by
OCTOBER 23, 2020 Date
17044.03 Job number | AS NOTED
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
C-608

N:\2017\17044.03 ASHLAND PS Complex Final Des & Eng\Working\C-608 Site Details.dwg

SIGNAL SEQUENCE AND TIMING

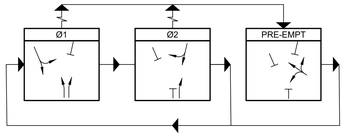
APPROACH	DIRECTION	HOUSING	PHASE 1			PHASE 2			PRE-EMPT			FLASHING OPERATION
MINIMUM INTERVAL			5			5			15			
VEHICLE EXTENSION			3			3						
MAXIMUM 1			29			21			40			
MAXIMUM 2												
YELLOW CLEARANCE				4			4			3		
RED CLEARANCE					1			1			2	
UNION STREET	NB	C,D	G	Y	R	R	R	R	R	R	R	FY
UNION STREET	NB	E	⊘	↗	↗	⊘	↗	↗	↗	↗	↗	FY
WAVERLY STREET	SB	A,B	G	Y	R	R	R	R	R	R	R	FY
E UNION STREET	SWB	F,G,H	R	R	R	G	Y	R	R	R	R	FR
FIRE STATION	NWB	J,K	R	R	R	R	R	R	G	Y	R	FR
DETECTOR			LOCK			NON-LOCK						
RECALL			MIN.			OFF						
			Ø 1			Ø 2			PRE-EMPT			



NOTE:

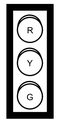
SIGNAL E SHALL REMAIN GREEN UNTIL A PRE-EMPTION CALL.

PREFERENTIAL PHASE SEQUENCE



SIGNAL HEAD DATA

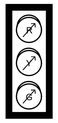
A, B, C, D, F, G, H, J, K



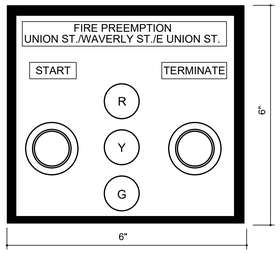
ALL 12" LENS

SIGNAL HEAD DATA

E



ALL 12" LENS



CONSTRUCTION NOTES:

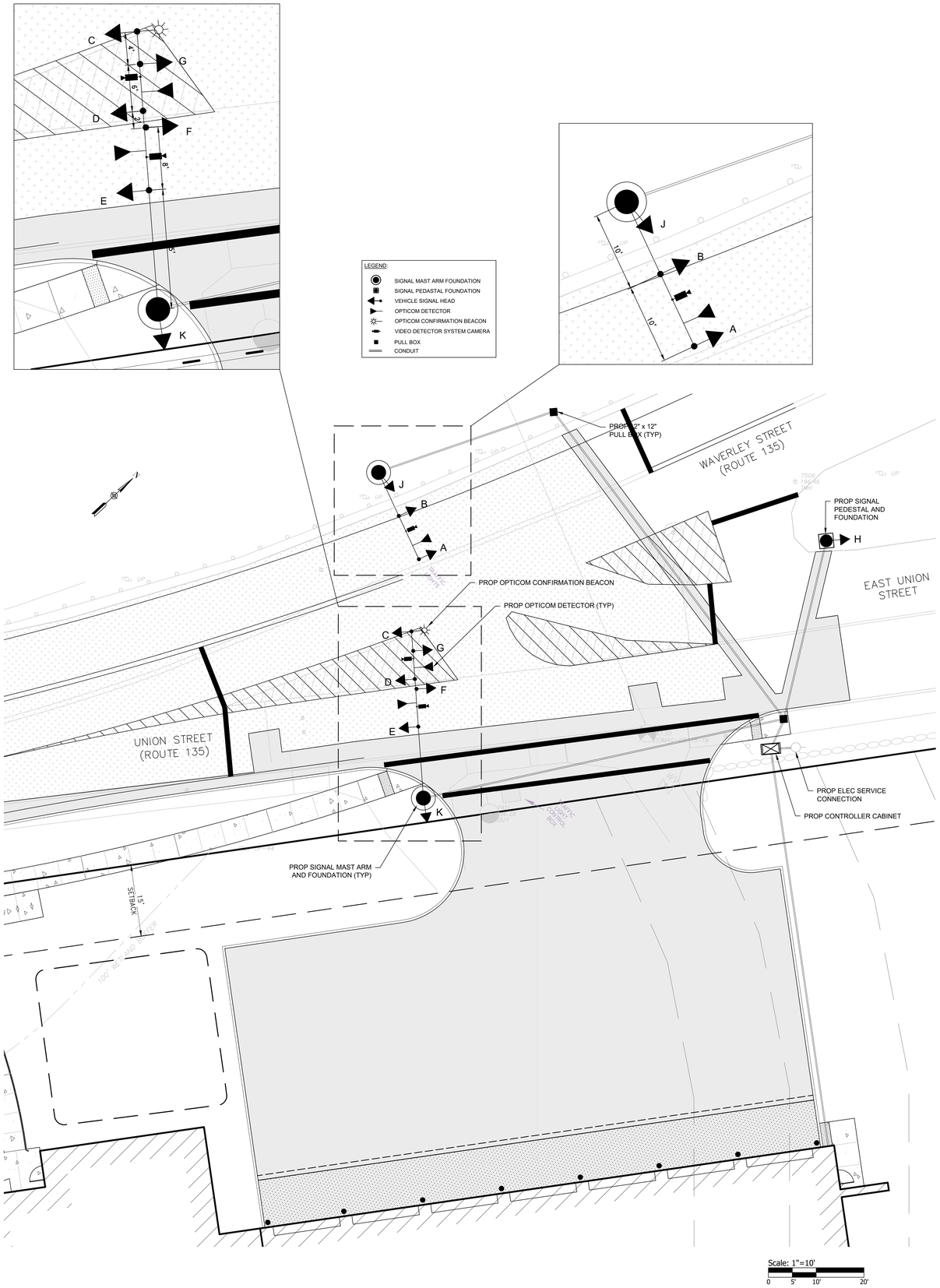
1. TRAFFIC SIGNAL WORK SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES SECTION 800 - TRAFFIC CONTROL DEVICES.
2. THE CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.
3. ALL TRAFFIC CONTROL SIGNAL EQUIPMENT USED SHALL BE ON THE MASSDOT TRAFFIC SIGNAL APPROVED PRODUCTS LIST.
4. ALL RED, YELLOW, AND GREEN SIGNAL DISPLAYS SHALL BE EQUIPPED WITH LED MODULES.
5. ALL TRAFFIC SIGNAL HEADS SHALL BE BLACK IN COLOR AND FURNISHED WITH LOUVERED BACK PLATES AND SIGNAL VISORS AS SHOWN. BACK PLATES SHALL BE EQUIPPED WITH A 3" YELLOW RETROREFLECTIVE STRIP IN ACCORDANCE WITH SECTION 4D.12 OF THE MUTCD 2009 EDITION.
6. CONTRACTOR SHALL ADJUST PREEMPTION RECEIVERS AND PREEMPTION TIMINGS AS REQUESTED BY THE TOWN OF ASHLAND TO ALLOW FOR OPTIMAL RECEPTION OF THE PREEMPTION SIGNALS.
7. MANUAL PREEMPTION SWITCHES SHALL BE PLACED ADJACENT TO THE EASTERN GARAGE BAY AND IN THE DISPATCH ROOM.
8. THE FOUNDATION FOR THE 20 FOOT MAST ARM SHALL BE DESIGNED TO ACCOMMODATE POTENTIAL FUTURE LOADING AS DEPICTED IN THE SPECIFICATIONS.

EMERGENCY VEHICLE PREEMPTION OPERATION:

1. EMERGENCY VEHICLE PREEMPTION SHALL BE ACTUATED BY AN OPTICAL SIGNAL FROM AN OPTICAL EMITTER MOUNTED ON AN EMERGENCY VEHICLE AND RECEIVED BY AN OPTICAL DETECTOR LOCATED AT INTERSECTION. A SEPARATE RECEIVING DETECTOR IS REQUIRED FOR EACH DETECTED APPROACH.
2. PREEMPTION SIGNALS FROM MULTIPLE APPROACHES SHALL BE SERVICED ON A FIRST DETECTED FIRST SERVED BASIS.
3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR, THE CONTROLLER SHALL TIME THE CLEARANCE INTERVALS OF THE ACTIVE PHASE (IF DIFFERENT THAT TO BE SERVICED) AND ADVANCE TO AND/OR HOLD IN EMERGENCY VEHICLE PREEMPTION PHASE UNTIL PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME CLEARANCES AND SIMILARLY SERVICE OTHER EMERGENCY VEHICLE PREEMPTION SEQUENCES IN THE ORDER RECEIVED (IF RECEIVED) OTHERWISE, RESUME NORMAL PREFERENTIAL PHASE SEQUENCE.
4. PREEMPTION MINIMUM GREENS SHALL BE SIX SECONDS.
5. NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PREEMPTION DEMAND.
6. ACTUAL TIMING FOR PREEMPTION SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FIRE DEPARTMENT AND SHALL BE APPROVED BY MASSDOT PRIOR TO OPERATION.

MAJOR ITEMS REQUIRED

QUANTITY	DESCRIPTION
1	20 FOOT GALV. STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION
1	35 FOOT GALV. STEEL MAST ARM TRAFFIC SIGNAL POST AND FOUNDATION
10	SIGNAL HEAD 1 WAY - 3 SECTION
1	PEDESTAL FOUNDATION
1	SIGNAL POST AND BASE STANDARD - 10 FOOT
3	OPTICOM DETECTOR
1	OPTICOM CONFIRMATION BEACON
200'	3 INCH SCHEDULE 80 ELECTRICAL CONDUIT
130'	3 INCH SCHEDULE 40 ELECTRICAL CONDUIT
2	PULL BOX 12" X 12"
1	TRAFFIC SIGNAL CABINET AND CONTROLLER WITH VIDEO DETECTION SYSTEM HARDWARE UNIT
3	VIDEO DETECTOR SYSTEM CAMERA
1	OPTICOM PROCESSOR
2	MANUAL PREEMPTION SWITCH
1	SERVICE CONNECTION
	PLUS ALL WIRE, CABLE, MOUNTING HARDWARE, EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION OF A COMPLETE OPERATING TRAFFIC CONTROL SIGNAL



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508-543-1755

Project
ASHLAND PUBLIC SAFETY COMPLEX
12-16 UNION STREET, ASHLAND, MA

SIGNAL PLAN

AWB — Drawn by
LM — Checked by
OCTOBER 23, 2020 — Date
17044.03 — Job number
1" = 20'
CONSTRUCTION DOCUMENTS — Drawing set

Drawing number
C-700

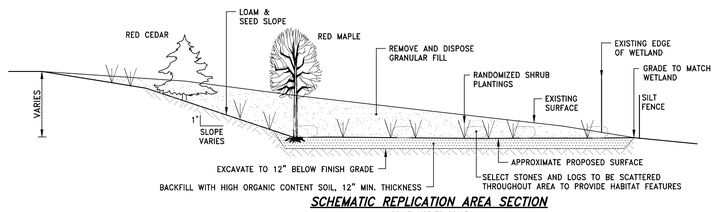
H:\2017 Jobs\17044.03 Ashland PS Complex Final Des & Eng\Working\C-700 Signal Plan.dwg



Scale: 1"=15'
0 7.5 15' 30'

WETLAND REPLICATION PLAN

SCALE: 1"=20'



SCHEMATIC REPLICATION AREA SECTION

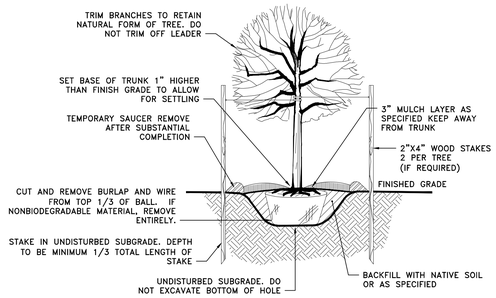
SCALE: NOT TO SCALE

GENERAL NOTES:

1. THE PURPOSE OF THIS PLAN IS TO PROVIDE 1:1 MITIGATION FOR UNAVOIDABLE PERMANENT IMPACTS TO 2,742 SF OF BORDERING VEGETATED WETLANDS (BVW) AND 7,550 SF OF 25-FOOT NO DISTURB ZONE (NDZ) ASSOCIATED WITH THE ASHLAND PUBLIC SAFETY COMPLEX PROJECT.
2. THE PROPOSED MITIGATION SITE IS A DISTURBED SLOPE ADJACENT TO THE PROJECT LIMITS OF DISTURBANCE COLONIZED BY EARLY SUCCESSIONAL VEGETATION INCLUDING SEVERAL INVASIVE SPECIES. THE AREA WILL BE GRADED TO THE ELEVATION OF THE ADJACENT BVW WILL PROVIDE UP TO 2,840 SF OF REPLACEMENT BVW. THREE AREAS OF 25' NDZ ON THE PROPERTY TOTALLING 8,036 SF WILL BE IMPROVED BY REMOVING INVASIVE VEGETATION AND PLANTING THE AREAS WITH NATIVE VEGETATION.
3. CONSTRUCTION PHASE EROSION CONTROL IS TO BE INSTALLED AS SHOWN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF THE MITIGATION AREA AND SHALL REMAIN IN PLACE UNTIL ALL EXPOSED SOIL WITHIN AND ADJACENT TO THE MITIGATION AREA HAS BEEN STABILIZED. SILTATION FENCE ALONE IS TO BE USED AT THE CONTACT BETWEEN THE EXISTING WETLANDS AND THE MITIGATION AREA.
4. NO TREE CLEARING WILL OCCUR DURING MITIGATION AREA CONSTRUCTION. IF TREES ARE IDENTIFIED WITHIN THE VICINITY OF THE AREA, THEY SHALL BE FLAGGED WITH A READILY IDENTIFIABLE MARKING AND PROTECTED FROM DAMAGE. GRADING AND EXCAVATION AROUND TREES SHALL BE UNDERTAKEN WITH CARE TO AVOID DAMAGE TO ROOT SYSTEMS.
5. THE BOTTOM OF THE WETLAND MITIGATION AREA IS TO BE EXCAVATED TO 1' BELOW FINISH GRADE AND BACKFILLED TO GRADE WITH A 1:1 MIX OF LOAM AND ORGANIC COMPOST TO PROVIDE A SUITABLE MEDIUM FOR THE PROPOSED WETLAND PLANTINGS.
6. SUBGRADE ELEVATION IS TO BE ESTABLISHED IN THE FIELD AT THE TIME OF CONSTRUCTION AND OBSERVED BY A WETLAND SCIENTIST. THE SUBGRADE WILL POSSESS SUBTLE VARIATION TO MIMIC NATURAL WETLAND CONDITIONS. THE INTENT IS TO MATCH EXISTING GRADES AT THE WETLAND EDGE TO PROVIDE A SEASONALLY FLOODED HYDROLOGY.
7. PLANTINGS WITHIN THE REPLICATED BVW AND NDZ ARE TO BE COMPLETED IN ACCORDANCE WITH THE TABLE SHOWN HEREIN. PLANTINGS SHOULD BE ARRANGED AT A RANDOM SPACING TO MIMIC NATURAL CONDITIONS. APPROPRIATE SUBSTITUTIONS MAY BE ALLOWED WITH THE APPROVAL OF THE TOWN AND WETLAND SCIENTIST.
8. ANY WOODY DEBRIS OR BOULDERS ENCOUNTERED DURING THE EXCAVATION MAY REMAIN WITHIN THE AREA TO ENHANCE HABITAT VALUE. LOGS OR OTHER WOODY DEBRIS MAY BE SALVAGED FOR REUSE AS HABITAT FEATURES WITHIN THE RESTORATION AREA.
9. AFTER FINISH GRADING AND PLANTING, THE BOTTOM OF THE RESTORED WETLAND SHALL BE SEEDED WITH WETLAND SEED MIX AS SPECIFIED IN THE PLANTING TABLE.
10. SIDE SLOPES WITHIN THE 25' NDZ ARE TO BE COVERED WITH A MINIMUM OF 4" LOAM, PLANTED IN ACCORDANCE WITH THE PLANTING TABLE, AND HAND SEEDED OR HYDROSEEDED WITH AN APPROPRIATE UPLAND SEED MIX CONTAINING NATIVE GRASSES AND LEGUMES.

GENERAL CONSTRUCTION SEQUENCE:

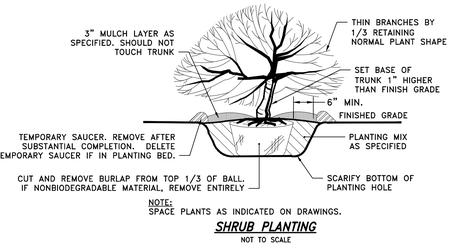
1. REPLACE ANY MISSING WETLAND FLAGS IN THE LOCATION OF THE MITIGATION AREA. MARK LIMIT OF DISTURBANCE AND LIMIT OF REPLICATED BVW.
2. INSTALL CONSTRUCTION PHASE EROSION AND SEDIMENTATION CONTROL BETWEEN EXISTING WETLAND AND MITIGATION AREA.
3. REMOVE EXISTING VEGETATION FROM THE REPLICATED WETLAND TO BE EXCAVATED. SALVAGE SELECT LOGS OR WOODY DEBRIS AND SET ASIDE FOR REUSE AS HABITAT FEATURES. REMOVE ALL INVASIVE VEGETATION, INCLUDING ROOT SYSTEMS, FROM THE UPLAND AREA WITHIN 25 FEET OF THE REPLICATED WETLAND.
4. EXCAVATE REPLICATED WETLAND AREA, SHAPE TO SUBGRADE, AND INSTALL SUPPLEMENTAL WETLAND SOILS TO FINISH GRADE. PLACE SALVAGED BOULDERS AND WOODY MATERIAL AT RANDOM SPACING WITHIN THE AREA. PLACE LOAM ALONG THE UPLAND SIDE SLOPES.
5. INSTALL SAPLING AND SHRUB PLANTINGS PER PLANTING TABLE. SPRING TREE AND SHRUB PLANTINGS SHOULD TAKE PLACE BETWEEN MARCH 1 AND JUNE 15. FALL TREE AND SHRUB PLANTINGS SHOULD OCCUR BETWEEN SEPTEMBER 1 AND DECEMBER 1.
6. INSTALL SEED MIXES IN BVW AND NDZ IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
7. WATER AS NECESSARY TO PRODUCE VIGOROUS GROWTH.



NOTES:
1. DO NOT DAMAGE MAIN ROOTS OR ROOT BALL WHEN INSTALLING TREE STAKE.
2. WATER THOROUGHLY AFTER INSTALLATION.
3. REMOVE SAUCER AND STAKES TWO YEARS OR LESS AFTER INSTALLATION.
4. PROVIDE DRAINAGE FOR PLANTING PIT IF IN IMPERMEABLE SOIL.

TREE PLANTING

NOT TO SCALE



NOTE:
SPACE PLANTS AS INDICATED ON DRAWINGS.

SHRUB PLANTING

NOT TO SCALE

PLANTING TABLE

SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY	SPACING	PLACEMENT
	RED MAPLE	ACER RUBRUM	4' MIN.	17	20' O.C. ±	PERIMETER OF BVW, NDZ
	EASTERN RED CEDAR	JUNIPERUS VIRGINIANA	3' MIN.	11	20' O.C. ±	UPPER HALF OF NDZ
	GRAY BIRCH	BETULA POPULIFOLIA	4' MIN.	13	RANDOM (6'-8' O.C.)	BVW, LOWER HALF OF NDZ
	SPECKLED ALDER	ALNUS RUGOSA	1-3'	68	RANDOM (6'-8' O.C.)	BVW, LOWER HALF OF NDZ
	SILKY DOGWOOD	CORNUS SERICEA	1-3'	62	RANDOM (6'-8' O.C.)	BVW, LOWER HALF OF NDZ
	SWEETFERN	COMPTONIA PEREGRINA	1-3'	52	RANDOM (8'-10' O.C.)	UPPER HALF OF NDZ
	NATIVE WETLAND SEED MIX*	----	----	----	THROUGHOUT	BVW
	NATIVE UPLAND SEED MIX**	----	----	----	THROUGHOUT	NDZ

* NEW ENGLAND WETLAND PLANTS WETMIX OR APPROVED EQUIVALENT.

** NEW ENGLAND WETLAND PLANTS CONSERVATION/WILDLIFE SEED MIX OR APPROVED EQUIVALENT.

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Revision Schedule

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2	ADDENDUM #4	12.02.20

Registrations

Consultants

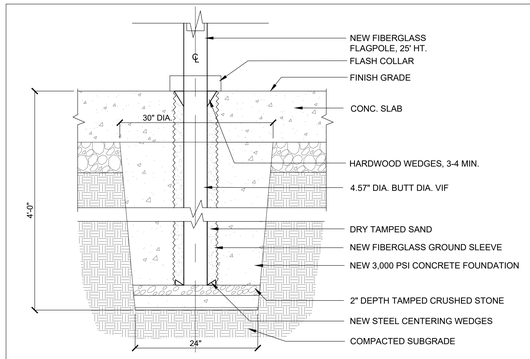
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WETLAND IMPACT MITIGATION PLAN

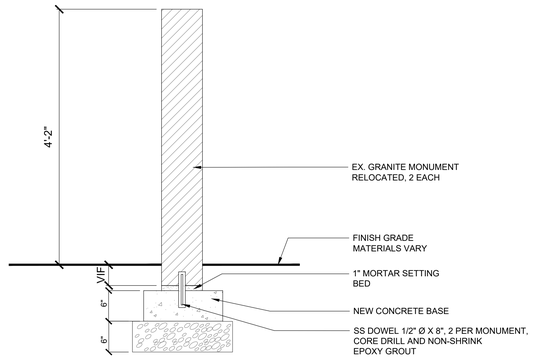
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LM Checked by
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17044.03 AS NOTED Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
C-800

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4 FLAGPOLE FOOTING - SECTION

SCALE: 1" = 1'-0"



5 RESET EX. MONUMENT - SECTION

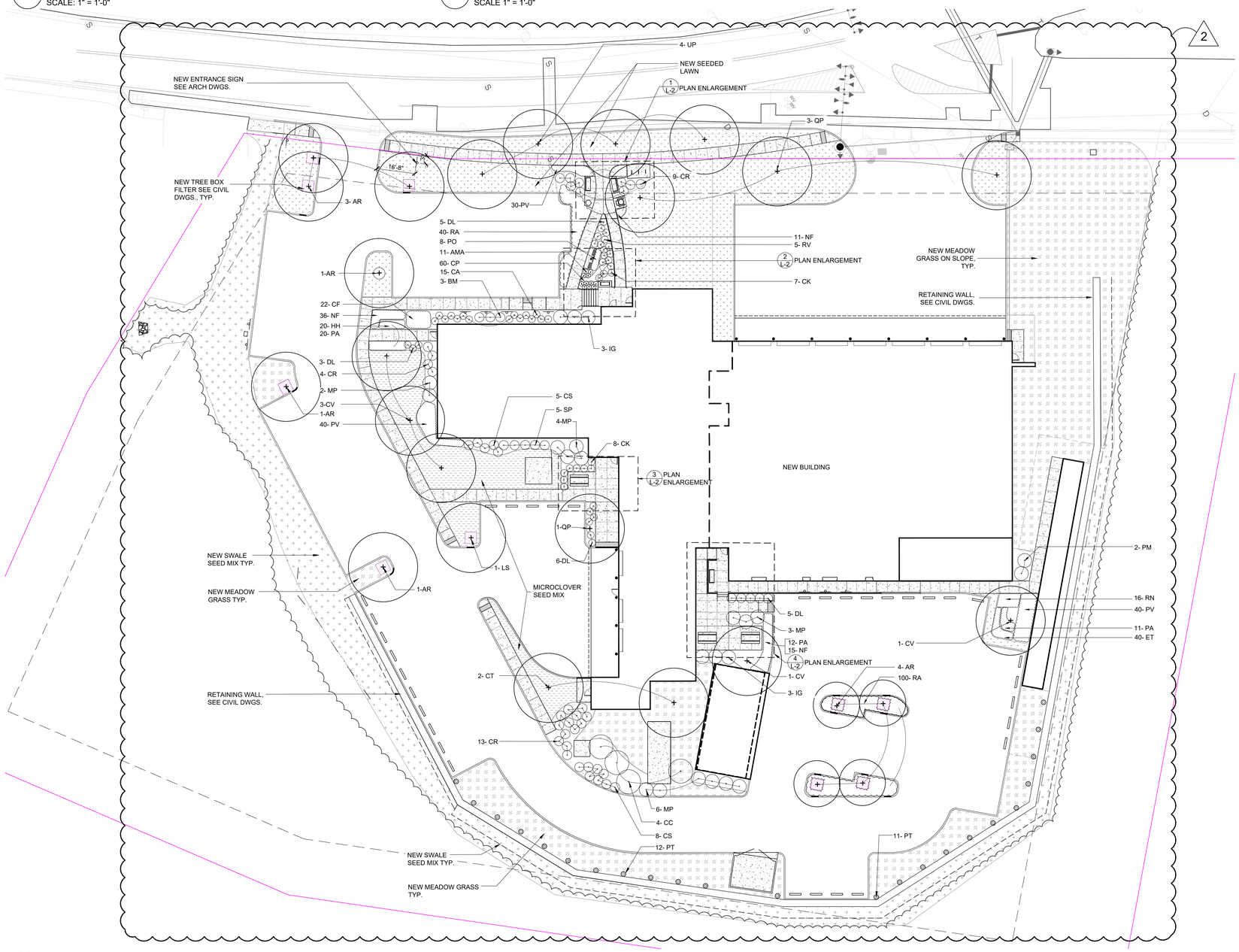
SCALE 1" = 1'-0"

PLANTING NOTES:

1. ALL NEW TREES SHALL BE MULCHED WITH SAUCERS OF 2" MIN. DEPTH OF MULCH.
2. SEED ALL DISTURBED AREAS.
3. FOR LIMIT OF WORK, REFER TO CIVIL DRAWINGS

PLANT LIST

QTY	KEY	BOTANICAL NAME	COMMON NAME	MIN. SIZE/ SPACING	REMARKS
TREES					
10	AR	ACER RUBRUM 'AUTUMN SPIRE'	AUTUMN SPIRE RED MAPLE	3" CAL	
4	CC	COTINUS COGGYGRIA 'ROYAL PURPLE'	SMOKETREE	10' HT, MULTI-STEM	
2	CT	CORYLUS COLURNA	TURKISH FILBERT	3" CAL	
5	CV	CRATAEGUS VIRIDIS 'WINTER KING'	WINTER KING HAWTHORNE	3" CAL	
1	LS	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	3" CAL	
4	UP	ULMUS PARVIFOLIA 'ALEE'	ALLEE CHINESE ELM	3" CAL	
4	QP	QUERCUS PALUSTRIS	PIN OAK	3 " CAL	
SHRUBS					
19	AMA	ARONIA MELAN. 'UCONNAM165'	LOWSCAPE MOUND CHOKEBERRY	#2 CONT.	
3	BM	BUXUS 'GREEN GEM'	GREEN GEM BOXWOOD	18" HT B&B	
15	CA	CLETHRA ALNIFOLIA 'SIXTEEN CANDLES'	SIXTEEN CANDLES SUMMERSWEET	#3 CONTAINER	
15	CK	CORNUS 'KELSEYI'	KELSEY DOGWOOD	#3 CONTAINER	
13	CS	CORNUS SERICEA 'ISANTI'	ISANTI DOGWOOD	#3 CONTAINER	
26	CR	CORNUS RACEMOSA 'EMERALD'	SNOW LACE GRAY DOGWOOD	#7 CONTAINER	
19	DL	DIERVILLA LONICERA	BUSH HONEYSUCKLE	#3 CONTAINER	
6	IG	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY	#5 CONTAINER	
15	MP	MYRICA PENSYLVANICA	BAYBERRY	#7 CONTAINER	
2	PM	PRUNUS MARITIMA	BEACH PLUM	#5 CONTAINER	
140	RA	RHUS AROMATICA 'GRO LOW'	GRO LOW SUMAC	#2 CONTAINER	
5	RV	ROSA VIRGINIANA	VIRGINIA ROSE	#3 CONT.	
5	SP	SYRINGA PATULA 'MISS KIM'	MISS KIM LILAC	#5 CONTAINER	
GRASSES, PERENNIALS AND VINES					
22	CF	CALAMAGROSTIS 'KARL FOERSTER'	FEATHER REED GRASS	#3 AT 24" OC	
60	CP	CERATOSTIGMA PLUMBAGINOIDES	LEADWORT	#1 @15-18" OC	
40	ET	ECHINACEA 'TWILIGHT'	TWILIGHT PURPLE CONEFLOWER	#1 @15" OC	
42	HH	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	#2 AT 18" OC	
77	NF	NEPETA FASS. 'WALKERS LOW'	CATMINT	#2 AT 24" OC	
43	PA	PEROVSKIA ATRIP. 'BLUE JEAN BABY'	RUSSIAN SAGE	#2 AT 24" OC	
8	PO	PENNISETUM ALOPEC. 'HAMELN'	HAMELN FOUNTAIN GRASS	#2 AT 24" OC	
25	PT	PARTHENOCISSUS QUINQUEFOLIA	VIRGINIA CREEPER	#3 CONT.	
110	PV	PANICUM 'NORTH WIND'	SWITCH GRASS	#3 AT 30" OC	
16	RN	RUDBECKIA NITIDA 'AUTUMN SUN'	AUTUMN SUN CONEFLOWER	#2 @ 24" OC	

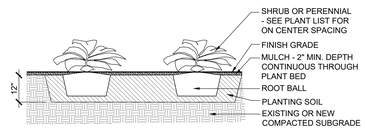


1 PLANTING PLAN

SCALE: 1" = 20'-0"

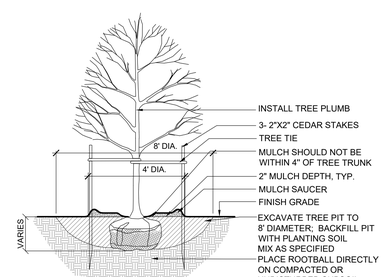
LEGEND





2 SHRUB PLANTING- SECTION

NOT TO SCALE



3 TREE PLANTING- SECTION

NOT TO SCALE

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REVISION SCHEDULE

2	ADDENDUM #4	12.02.20

Registrations

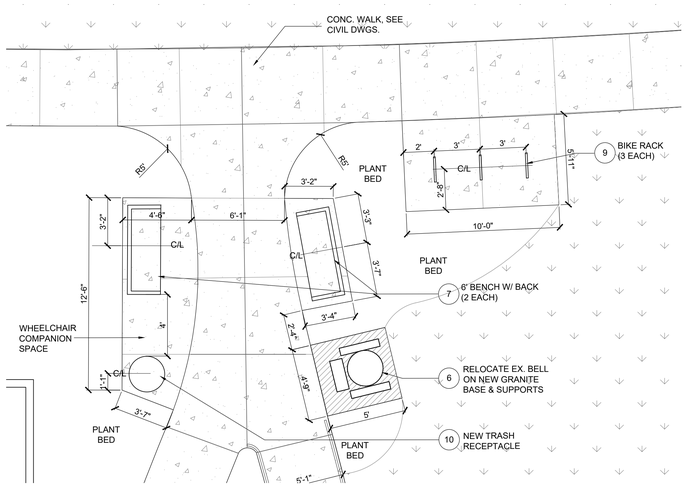
Consultants

RAY DUNETZ LANDSCAPE ARCHITECTURE

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET, ASHLAND, MA

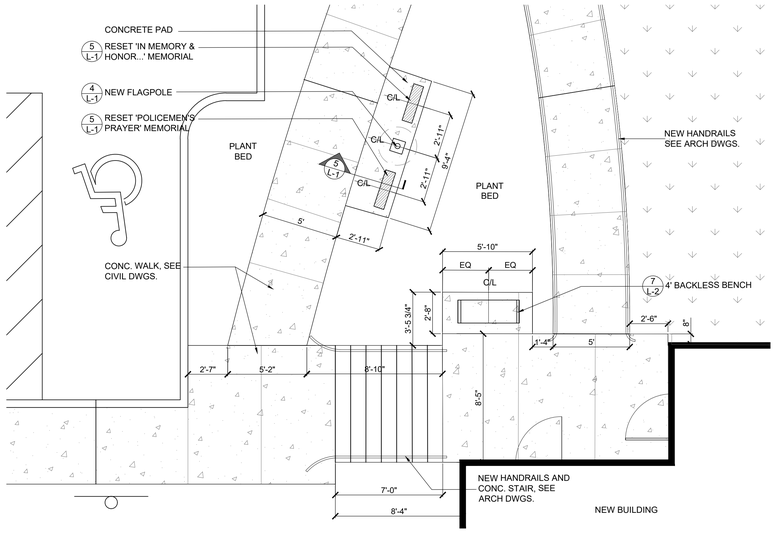
Drawing Title
LANDSCAPE PLAN

NL — Drawn by
RD — Checked by
OCTOBER 23, 2020 — Date
Job number
CONSTRUCTION DOCUMENTS — Drawing set
Drawing number
L-1



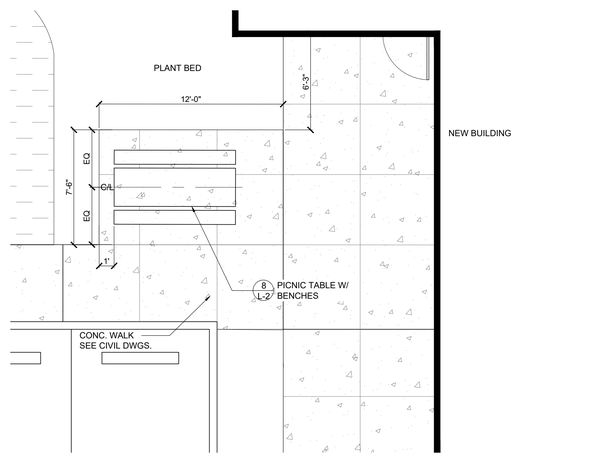
1 PLAN ENLARGEMENT

SCALE: 1/4" = 1'-0"



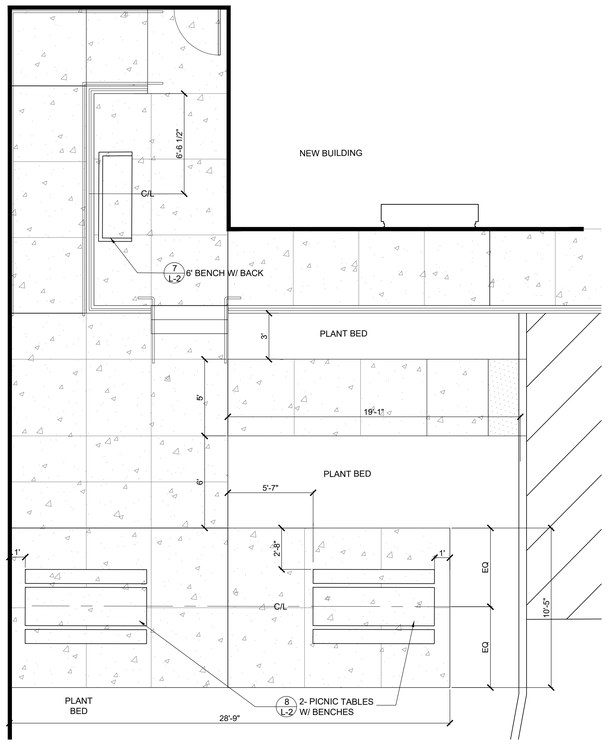
2 PLAN ENLARGEMENT

SCALE: 1/4" = 1'-0"



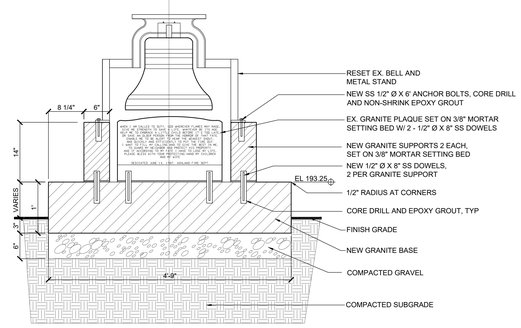
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SCALE: 1/4" = 1'-0"



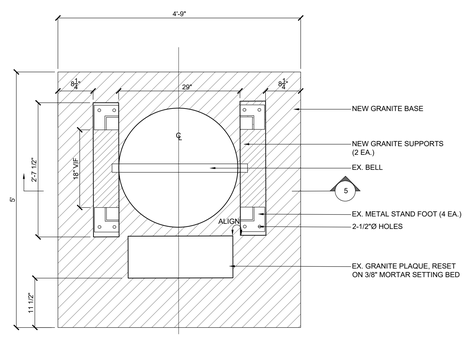
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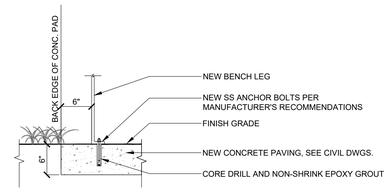
5 RESET EX. BELL - SECTION

SCALE: 1" = 1'-0"



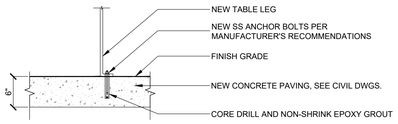
6 RESET EX.BELL - PLAN

SCALE: 1" = 1'-0"



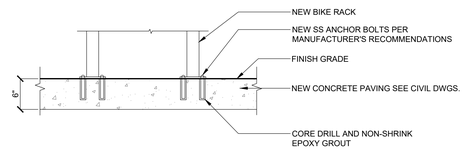
7 BENCH ATTACHMENT- SECTION

SCALE: 1" = 1'-0"



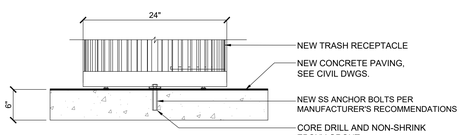
8 PICNIC TABLE ATTACHMENT- SECTION

SCALE: 1" = 1'-0"



9 BIKE RACK ATTACHMENT- SECTION

SCALE: 1" = 1'-0"



10 TRASH RECEPTACLE ATTACHMENT- SECTION

SCALE: 1" = 1'-0"

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Registrations

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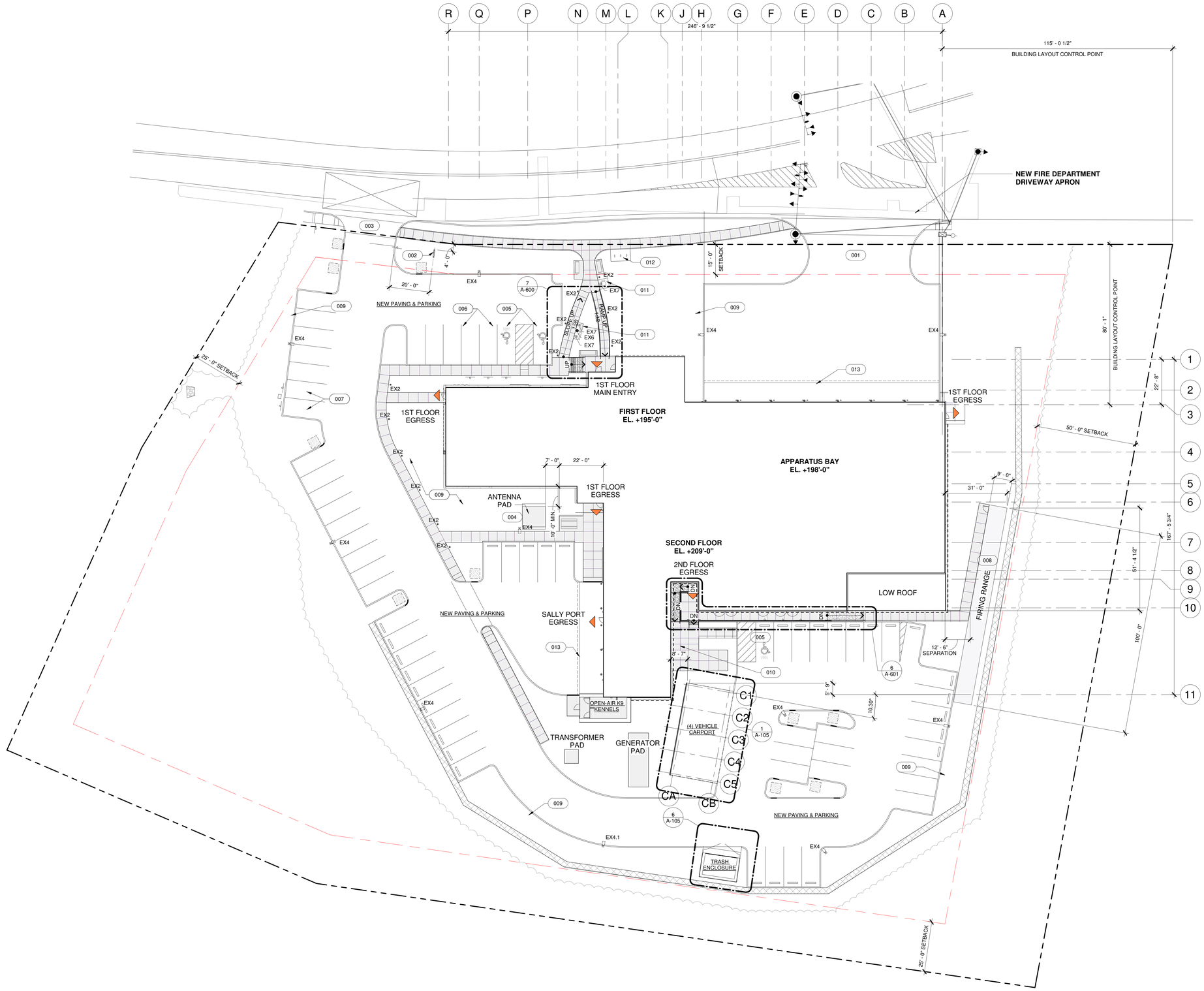
Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET, ASHLAND, MA

Drawing Title
SITE DETAILS

NL Drawn by | RD Checked by
OCTOBER 23, 2020 Date

Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
L-2



SHEET NOTES

1. REFER TO CIVIL PLANS FOR ALL GRADING, VEHICULAR PAVING, SITE ACCESS AND SITE UTILITY INFORMATION.
2. REFER TO LANDSCAPE PLANS FOR PLANTING, SITE FURNISHINGS AND WALKWAY LAYOUTS.
3. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING SPECIFICATIONS. SEE REFLECTED CEILING PLANS FOR BUILDING MOUNTED LIGHTING.
4. GC TO PROVIDE CAST IN PLACE CONCRETE SHALLOW MAT FOUNDATON AND ANCHOR BOLTS FOR ANTENNA TOWER TO BE INSTALLED BY THE OWNER'S COMMUNICATIONS VENDOR. FINAL ANTENNA TOWER FOUNDATION DESIGN SHALL BE PROVIDED BY OWNER'S COMMUNICATION VENDOR PRIOR TO CONSTRUCTION. FOR BIDDING PURPOSES, GC SHALL ASSUME THE FOLLOWING:
   - ASSUME ANTENNA'S MAT FOUNDATION TO BE 11'-6"L X 11'-6"W X 6'-6"D CIP CONCRETE WITH 4500 PSI AT 28 DAYS.
   - ASSUME #7 HORIZONTAL REBAR 11' LONG WITH 17 BARS EACH WAY AT TOP AND BOTTOM OF MAT FOUNDATION.
   - ASSUME (6) 1-3/4" DIA X 60" LONG ANCHOR BOLTS TO BE CAST INTO MAT ACCORDING TO ANTENNA MANUFACTURER'S TEMPLATE.
   - ASSUME NON-SHRINK STRUCTURAL GROUT WITH COMPRESSIVE STRENGTH OF 8,000 PSI @ 28 DAYS TO BE PACKED UNDER FLANGE AFTER LEVELING TOWER.
   - EXACT DESIGN REQUIREMENTS WILL BE DETERMINED IN THE FIELD BASED ON TOWER MANUFACTURER'S ENGINEERED DESIGN DRAWINGS.

LEGEND

- PROPERTY LINE
- SETBACK LINE
- BUILDING ENTRY/ EGRESS
- CONCRETE PAVING
- LOCATION OF SUB SURFACE PERFORATED DRAIN
- EX2 BOLLARD LIGHT FIXTURE
- EX4 / EX4.1 POLE LIGHT FIXTURE (SINGLE HEAD) SEE ELECTRICAL FOR DISTINCTION
- EX6 SPOT LIGHT FIXTURE FOR FLAGPOLE
- EX7 SPOT LIGHT FOR MONUMENTS
- 12" CONCRETE MOW STRIP
- RETAINING WALL, SEE CIVIL

KEYNOTES

001 FIRE DEPARTMENT APPARATUS DRIVEWAY APRON; SEE CIVIL FOR LAYOUT AND SCOPE OF WORK AT INTERSECTION
002 SITE SIGN; SEE SHEET A-711 FOR MORE INFORMATION
003 NEW PARKING LOT APRON; SEE CIVIL
004 SEE SHEET NOTES FOR ANTENNA PAD SCOPE OF WORK
005 ACCESSIBLE PARKING SPACES; SEE CIVIL FOR SIGNAGE AND DIMENSIONS
006 GREEN VEHICLE PARKING SPACES; SEE CIVIL FOR SIGNAGE
007 ELECTRIC VEHICLE CHARGING SPACES; SEE CIVIL FOR SIGNAGE AND ELECTRICAL FOR CHARGING STATION DETAIL
008 MODULAR FIRING RANGE; SEE STRUCTURAL FOR FOUNDATION PLAN; G.C. TO COORDINATE WITH FIRING RANGE MANUFACTURER
009 SNOW STORAGE AREA; SEE CIVIL FOR MORE INFORMATION
010 FIRE DEPARTMENT PATIO AREA WITH GAS CONNECTION FOR OWNER PROVIDED BBQ
011 RELOCATED MEMORIALS FROM EXISTING POLICE AND FIRE STATIONS ON MAIN STREET; SEE LANDSCAPE PLAN FOR LAYOUT AND ELECTRICAL FOR LIGHTING
012 3-BIKE BIKE RACK; SEE LANDSCAPE PLANS
013 HEATED CONCRETE PORTION OF VEHICULAR APRON, TYP; SEE ELECTRICAL AND CIVIL

SITE SITE PLAN 1
1" = 20'-0"

N
PROJECT
TRUE

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Revision Schedule

Number	Revision	Date

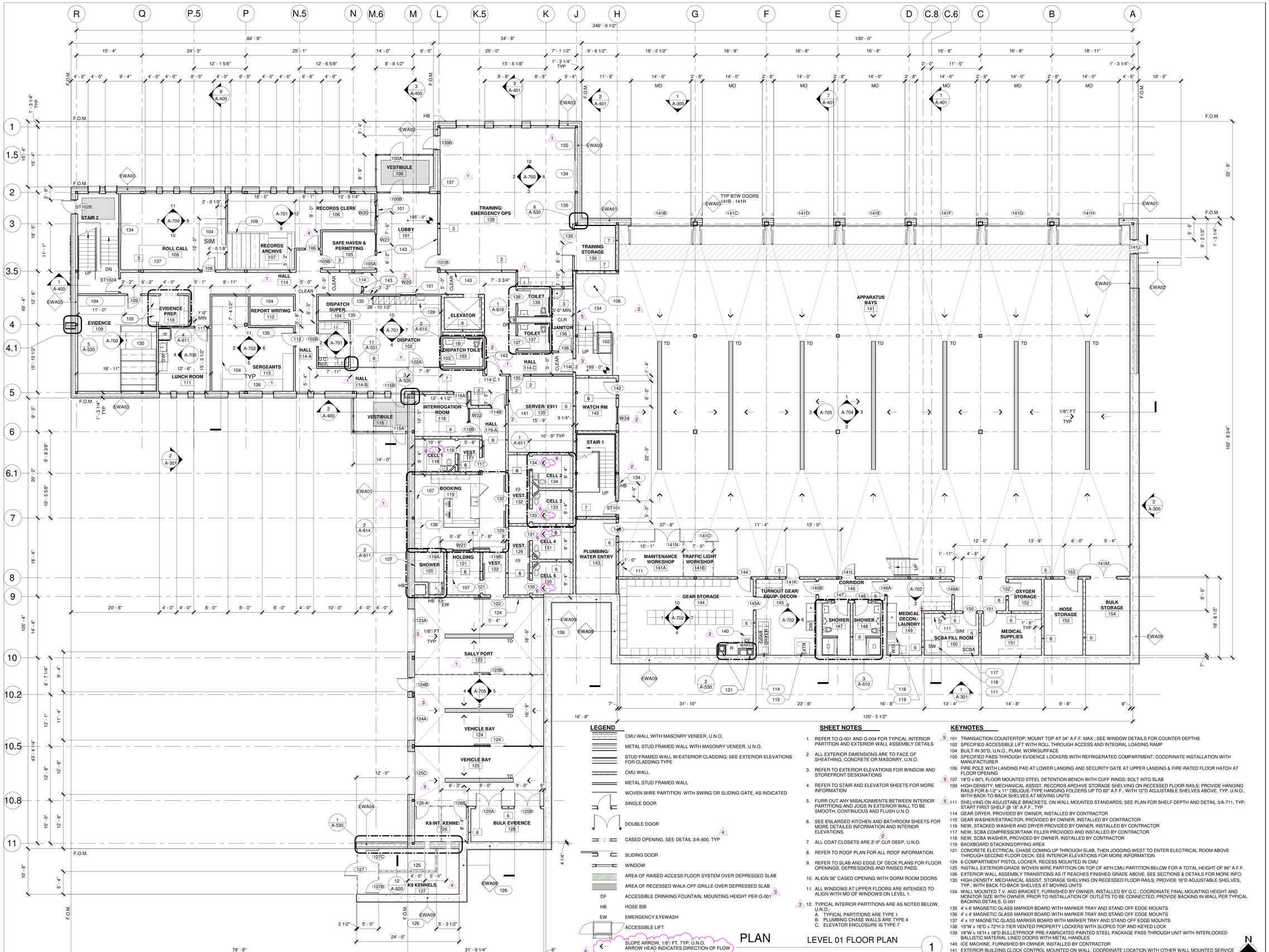
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ARCHITECTURAL SITE PLAN

PJC Drawn by | PJC Checked by
Date: OCTOBER 23, 2020
Job number: 21917
Drawing set: CONSTRUCTION DOCUMENTS
Drawing number: A-100



LEGEND

- CMU WALL WITH MASONRY VENEER, U.N.O.
- METAL STUD FRAMED WALL WITH MASONRY VENEER, U.N.O.
- STUD FRAMED WALL W/EXTERIOR CLADDING; SEE EXTERIOR ELEVATIONS FOR CLADDING TYPE
- CMU WALL
- METAL STUD FRAMED WALL
- WOVEN WIRE PARTITION WITH SWING OR SLIDING GATE, AS INDICATED
- SINGLE DOOR
- DOUBLE DOOR
- CASED OPENING, SEE DETAIL 3/A-800, TYP
- SLIDING DOOR
- WINDOW
- AREA OF RAISED ACCESS FLOOR SYSTEM OVER DEPRESSED SLAB
- AREA OF RECESSED WALK-OFF GRILLE OVER DEPRESSED SLAB
- DF ACCESSIBLE DRINKING FOUNTAIN, MOUNTING HEIGHT PER G-001
- HB HOSE BIB
- EW EMERGENCY EYEWASH
- ACCESSIBLE LIFT
- SLOPE ARROW, 1/8", FT, TYP, U.N.O. ARROW HEAD INDICATES DIRECTION OF FLOW

SHEET NOTES

1. REFER TO G-001 AND G-004 FOR TYPICAL INTERIOR PARTITION AND EXTERIOR WALL ASSEMBLY DETAILS
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, CONCRETE OR MASONRY, U.N.O.
3. REFER TO EXTERIOR ELEVATIONS FOR WINDOW AND STOREFRONT DESIGNATIONS
4. REFER TO STAIR AND ELEVATOR SHEETS FOR MORE INFORMATION
5. FURR OUT ANY MISALIGNMENTS BETWEEN INTERIOR PARTITIONS AND JOGS IN EXTERIOR WALL TO BE SMOOTH, CONTINUOUS AND FLUSH U.N.O.
6. SEE ENLARGED KITCHEN AND BATHROOM SHEETS FOR MORE DETAILED INFORMATION AND INTERIOR ELEVATIONS.
7. ALL COAT CLOSETS ARE 2'-0" CLR DEEP, U.N.O.
8. REFER TO ROOF PLAN FOR ALL ROOF INFORMATION.
9. REFER TO SLAB AND EDGE OF DECK PLANS FOR FLOOR OPENINGS, DEPRESSIONS AND RAISED PADS.
10. ALIGN 36" CASED OPENING WITH DORM ROOM DOORS
11. ALL WINDOWS AT UPPER FLOORS ARE INTENDED TO ALIGN WITH MO OF WINDOWS ON LEVEL 1.
12. TYPICAL INTERIOR PARTITIONS ARE AS NOTED BELOW, U.N.O.:
    - A. TYPICAL PARTITIONS ARE TYPE 1
    - B. PLUMBING CHASE WALLS ARE TYPE 4
    - C. ELEVATOR ENCLOSURE IS TYPE 7

KEYNOTES

- 101 TRANSACTION COUNTERTOP; MOUNT TOP AT 34" A.F.F. MAX.; SEE WINDOW DETAILS FOR COUNTER DEPTHS
- 102 SPECIFIED ACCESSIBLE LIFT WITH ROLL THROUGH ACCESS AND INTEGRAL LOADING RAMP
- 104 BUILT-IN 30"D, U.N.O., PLAM. WORKSURFACE
- 105 SPECIFIED PASS-THROUGH EVIDENCE LOCKERS WITH REFRIGERATED COMPARTMENT; COODRINATE INSTALLATION WITH MANUFACTURER
- 106 FIRE POLE WITH LANDING PAD AT LOWER LANDING AND SECURITY GATE AT UPPER LANDING & FIRE-RATED FLOOR HATCH AT FLOOR OPENING
- 107 18"D x 60"L FLOOR MOUNTED STEEL DETENTION BENCH WITH CUFF RINGS; BOLT INTO SLAB
- 109 HIGH-DENSITY, MECHANICAL ASSIST, RECORDS ARCHIVE STORAGE SHELVING ON RECESSED FLOOR RAILS; PROVIDE HANGING RAILS FOR 8-1/2" x 11" OBLIQUE-TYPE HANGING FOLDERS UP TO 60" A.F.F., WITH 12"D ADJUSTABLE SHELVES ABOVE, TYP. U.N.O., WITH BACK-TO-BACK SHELVES AT MOVING UNITS
- 111 SHELVING ON ADJUSTABLE BRACKETS, ON WALL MOUNTED STANDARDS; SEE PLAN FOR SHELF DEPTH AND DETAIL 3/A-711, TYP; START FIRST SHELF @ 18" A.F.F., TYP
- 114 GEAR DRYER, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- 115 GEAR WASHER/EXTRACTOR, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- 116 NEW, STACKED WASHER AND DRYER PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- 117 NEW, SCBA COMPRESSOR/TANK FILLER PROVIDED AND INSTALLED BY CONTRACTOR
- 118 NEW, SCBA WASHER, PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- 119 BACKBOARD STACKING/DRYING AREA
- 121 CONCRETE ELECTRICAL CHASE COMING UP THROUGH SLAB, THEN JOGGING WEST TO ENTER ELECTRICAL ROOM ABOVE THROUGH SECOND FLOOR DECK; SEE INTERIOR ELEVATIONS FOR MORE INFORMATION
- 124 6-COMPARTMENT PISTOL LOCKER, RECESS MOUNTED IN CMU
- 125 INSTALL EXTERIOR-GRADE WOVEN WIRE PARTITION ON TOP OF 48"H CMU PARTITION BELOW FOR A TOTAL HEIGHT OF 96" A.F.F.
- 126 EXTERIOR WALL ASSEMBLY TRANSITIONS AS IT REACHES FINISHED GRADE ABOVE, SEE SECTIONS & DETAILS FOR MORE INFO.
- 130 HIGH-DENSITY, MECHANICAL ASSIST, STORAGE SHELVING ON RECESSED FLOOR RAILS; PROVIDE 16"D ADJUSTABLE SHELVES, TYP., WITH BACK-TO-BACK SHELVES AT MOVING UNITS
- 134 WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT AND MONITOR SIZE WITH OWNER, PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYPICAL BACKING DETAILS, G-001
- 135 4' x 6' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
- 136 4' x 4' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
- 137 4' x 10' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
- 138 15"W x 18"D x 72"H 2-TIER VENTED PROPERTY LOCKERS WITH SLOPED TOP AND KEYED LOCK
- 139 18"W x 18"H x 18"D BULLETPROOF PRE-FABRICATED PAINTED STEEL PACKAGE PASS THROUGH UNIT WITH INTERLOCKED BALLISTIC MATERIAL LINED DOORS WITH METAL HANDLES
- 140 ICE MACHINE, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
- 141 EXTERIOR BUILDING CLOCK CONTROL MOUNTED ON WALL; COORDINATE LOCATION WITH OTHER WALL MOUNTED SERVICE PANELS/CONTROLS
- 143 ADD (1) LAYER OF 7/16" BULLET RESISTANT FIBERGLASS PANEL UNDER GYP. BOARD LAYER ON PUBLIC SIDE OF PARTITION.

PLAN

LEVEL 01 FLOOR PLAN

1/8" = 1'-0"

1

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
3	ADDENDUM #5	12.07.20
4	ADDENDUM #7	12.16.20
5	ADDENDUM #8	12.18.20
6	PERMIT REVISIONS	01.XX.21

Registrations

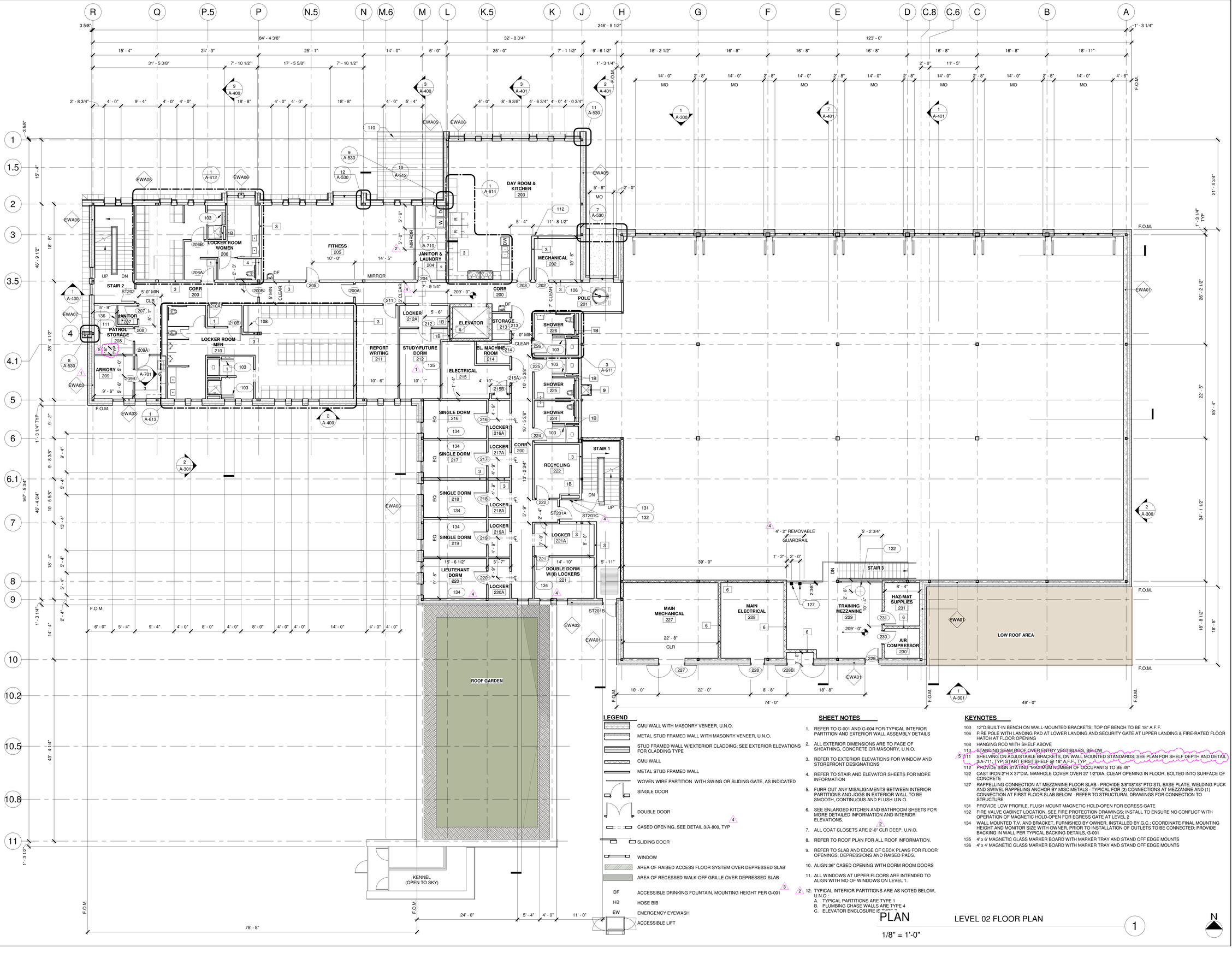
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 1 FLOOR PLAN

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number 2
A-101

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LEGEND

- CMU WALL WITH MASONRY VENEER, U.N.O.
- METAL STUD FRAMED WALL WITH MASONRY VENEER, U.N.O.
- STUD FRAMED WALL W/EXTERIOR CLADDING; SEE EXTERIOR ELEVATIONS FOR CLADDING TYPE
- CMU WALL
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- WOVEN WIRE PARTITION WITH SWING OR SLIDING GATE, AS INDICATED
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- DOUBLE DOOR
- CASED OPENING, SEE DETAIL 3/A-800, TYP
- SLIDING DOOR
- WINDOW
- AREA OF RAISED ACCESS FLOOR SYSTEM OVER DEPRESSED SLAB
- AREA OF RECESSED WALK-OFF GRILLE OVER DEPRESSED SLAB
- DF — ACCESSIBLE DRINKING FOUNTAIN, MOUNTING HEIGHT PER G-001
- HB — HOSE BIB
- EW — EMERGENCY EYEWASH
- ACCESSIBLE LIFT

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6. SEE ENLARGED KITCHEN AND BATHROOM SHEETS FOR MORE DETAILED INFORMATION AND INTERIOR ELEVATIONS.
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    C. ELEVATOR ENCLOSURE IS TYPE 2

KEYNOTES

- 103 12"D BUILT-IN BENCH ON WALL-MOUNTED BRACKETS; TOP OF BENCH TO BE 18" A.F.F.
- 106 FIRE POLE WITH LANDING PAD AT LOWER LANDING AND SECURITY GATE AT UPPER LANDING & FIRE-RATED FLOOR HATCH AT FLOOR OPENING
- 108 HANGING ROD WITH SHELF ABOVE
- 110 STANDING SEAM ROOF OVER ENTRY VESTIBULES, BELOW
- 111 SHELVING ON ADJUSTABLE BRACKETS, ON WALL MOUNTED STANDARDS; SEE PLAN FOR SHELF DEPTH AND DETAIL 3/A-711, TYP; START FIRST SHELF @ 18" A.F.F., TYP
- 112 PROVIDE SIGN STATING "MAXIMUM NUMBER OF OCCUPANTS TO BE 49"
- 122 CAST IRON 21"H X 37"DIA. MANHOLE COVER OVER 27 1/2"DIA. CLEAR OPENING IN FLOOR, BOLTED INTO SURFACE OF CONCRETE
- 127 RAPPELLING CONNECTION AT MEZZANINE FLOOR SLAB - PROVIDE 3/8"X8"X8" PTD STL BASE PLATE, WELDING PUCK AND SWIVEL RAPPELING ANCHOR BY MSC METALS - TYPICAL FOR (2) CONNECTIONS AT MEZZANINE AND (1) CONNECTION AT FIRST FLOOR SLAB BELOW - REFER TO STRUCTURAL DRAWINGS FOR CONNECTION TO STRUCTURE
- 131 PROVIDE LOW PROFILE, FLUSH MOUNT MAGNETIC HOLD-OPEN FOR EGRESS GATE
- 132 FIRE VALVE CABINET LOCATION, SEE FIRE PROTECTION DRAWINGS; INSTALL TO ENSURE NO CONFLICT WITH OPERATION OF MAGNETIC HOLD-OPEN FOR EGRESS GATE AT LEVEL 2
- 134 WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT AND MONITOR SIZE WITH OWNER. PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYPICAL BACKING DETAILS, G-001
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PLAN — LEVEL 02 FLOOR PLAN — 1

1/8" = 1'-0"

N

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20
5	ADDENDUM #8	12.18.20

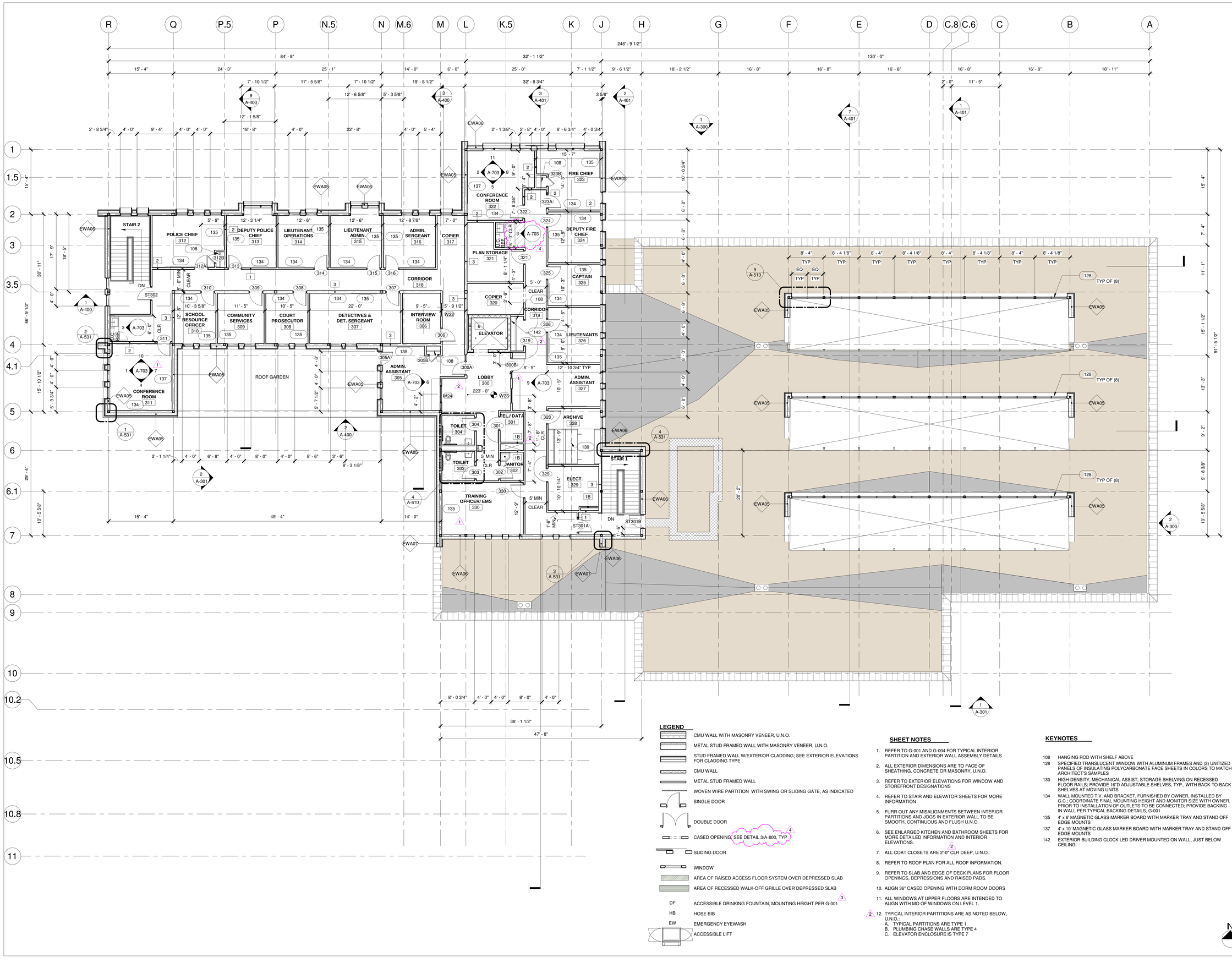
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 2 FLOOR PLAN

PJC — Drawn by — PJC — Checked by
OCTOBER 23, 2020 — Date
21917 — Job number
CONSTRUCTION DOCUMENTS — Drawing set
Drawing number — 2
A-102



LEGEND

- CMU WALL WITH MASONRY VENEER, U.N.O.
- METAL STUD FRAMED WALL WITH MASONRY VENEER, U.N.O.
- STUD FRAMED WALL W/EXTERIOR CLADDING; SEE EXTERIOR ELEVATIONS FOR CLADDING TYPE
- CMU WALL
- METAL STUD FRAMED WALL
- WOVEN WIRE PARTITION WITH SWING OR SLIDING GATE, AS INDICATED
- SINGLE DOOR
- DOUBLE DOOR
- CASED OPENING, SEE DETAIL 3/A-800, TYP
- SLIDING DOOR
- WINDOW
- AREA OF RAISED ACCESS FLOOR SYSTEM OVER DEPRESSED SLAB
- AREA OF RECESSED WALK-OFF GRILLE OVER DEPRESSED SLAB
- DF — ACCESSIBLE DRINKING FOUNTAIN, MOUNTING HEIGHT PER G-001
- HB — HOSE BIB
- EW — EMERGENCY EYEWASH
- ACCESSIBLE LIFT

SHEET NOTES

1. REFER TO G-001 AND G-004 FOR TYPICAL INTERIOR PARTITION AND EXTERIOR WALL ASSEMBLY DETAILS
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, CONCRETE OR MASONRY, U.N.O.
3. REFER TO EXTERIOR ELEVATIONS FOR WINDOW AND STOREFRONT DESIGNATIONS
4. REFER TO STAIR AND ELEVATOR SHEETS FOR MORE INFORMATION
5. FURR OUT ANY MISALIGNMENTS BETWEEN INTERIOR PARTITIONS AND JOGS IN EXTERIOR WALL TO BE SMOOTH, CONTINUOUS AND FLUSH U.N.O.
6. SEE ENLARGED KITCHEN AND BATHROOM SHEETS FOR MORE DETAILED INFORMATION AND INTERIOR ELEVATIONS.
7. ALL COAT CLOSETS ARE 2'-0" CLR DEEP, U.N.O.
8. REFER TO ROOF PLAN FOR ALL ROOF INFORMATION.
9. REFER TO SLAB AND EDGE OF DECK PLANS FOR FLOOR OPENINGS, DEPRESSIONS AND RAISED PADS.
10. ALIGN 36" CASED OPENING WITH DORM ROOM DOORS
11. ALL WINDOWS AT UPPER FLOORS ARE INTENDED TO ALIGN WITH MO OF WINDOWS ON LEVEL 1.
12. TYPICAL INTERIOR PARTITIONS ARE AS NOTED BELOW, U.N.O.:
    A. TYPICAL PARTITIONS ARE TYPE 1
    B. PLUMBING CHASE WALLS ARE TYPE 4
    C. ELEVATOR ENCLOSURE IS TYPE 7

KEYNOTES

108	HANGING ROD WITH SHELF ABOVE
128	SPECIFIED TRANSLUCENT WINDOW WITH ALUMINUM FRAMES AND (2) UNITIZED PANELS OF INSULATING POLYCARBONATE FACE SHEETS IN COLORS TO MATCH ARCHITECTS SAMPLES
130	HIGH-DENSITY, MECHANICAL ASSIST, STORAGE SHELVING ON RECESSED FLOOR RAILS; PROVIDE 16"D ADJUSTABLE SHELVES, TYP., WITH BACK-TO-BACK SHELVES AT MOVING UNITS
134	WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT AND MONITOR SIZE WITH OWNER, PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYPICAL BACKING DETAILS, G-001
135	4' x 6' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
137	4' x 10' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
142	EXTERIOR BUILDING CLOCK LED DRIVER MOUNTED ON WALL, JUST BELOW CEILING

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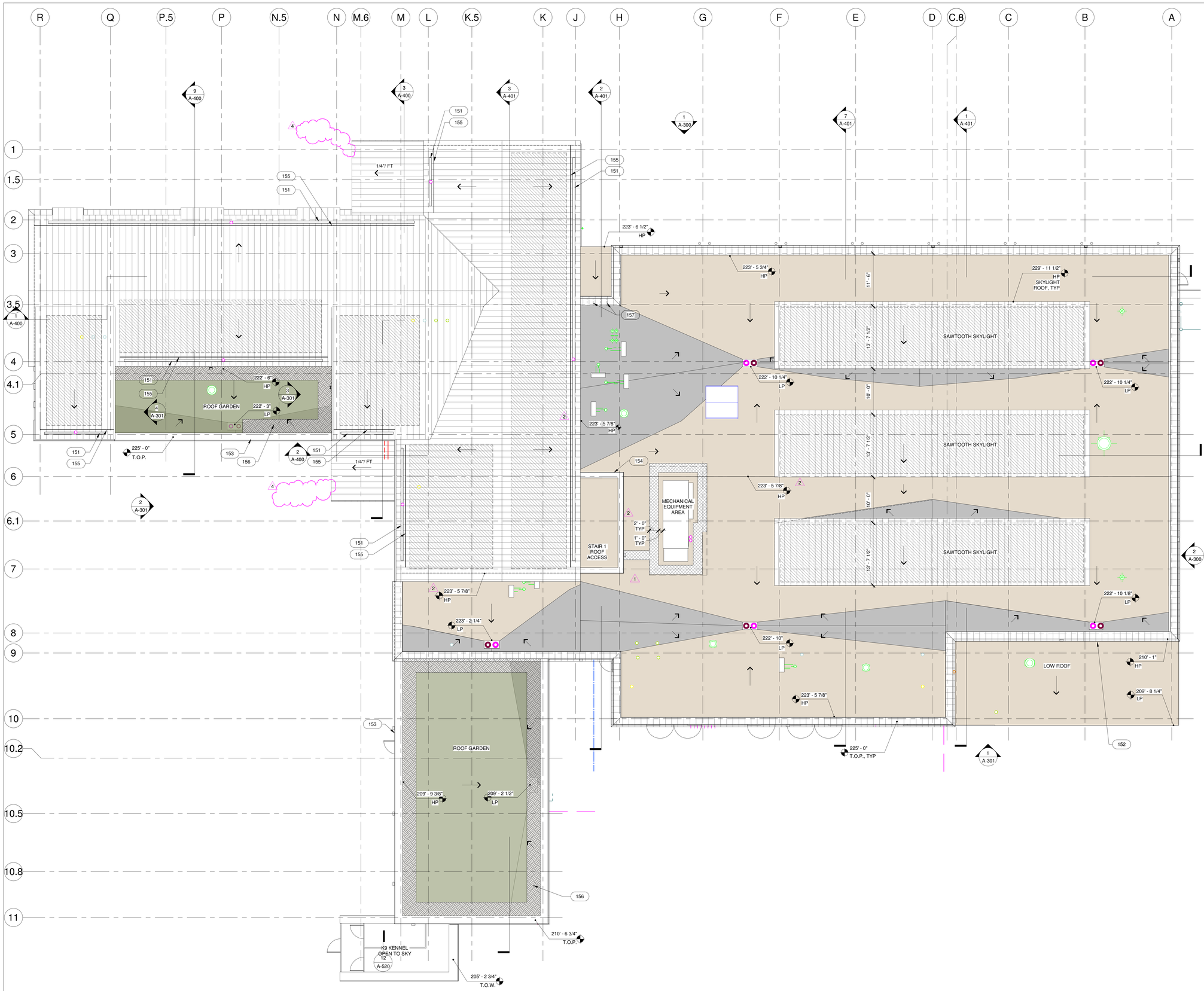
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 3 FLOOR PLAN

PJC Drawn by — PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number A-103 (2)



SHEET NOTES

1. REFER TO G-000 SERIES SHEETS FOR TYPICAL ROOF ASSEMBLY.
2. ROOFING IS TO BE SINGLE PLY MEMBRANE, PER SPEC'S
3. PARAPET COPING & AND ALL ROOF EDGE FLASHING TO BE PRE-FINISHED ALUMINUM.
4. ALL FLAT ROOF SLOPES TO BE 1/4" PER FOOT MINIMUM, TYPICAL, U.N.O.
5. PROVIDE WALKWAY PADS BY ROOFING MANUFACTURER TO ACCESS MECHANICAL EQUIPMENT.
6. AT ROOF PENETRATIONS, USE STANDARD BOOTS AND FLASHING BY ROOFING MANUFACTURER.
7. REFER TO MEP DRAWINGS FOR EQUIPMENT LAYOUT AND ROOF PENETRATION LOCATIONS.
8. ALL SPOT ELEVATION HEIGHTS ARE FOR TOP OF PROTECTION BOARD OVER INSULATION.
9. PROVIDE VENTED RIDGE FLASHING AT GABLED ROOFS.

LEGEND

- ROOF CRICKET AREA (SLOPED 1/2"/FOOT)
- ROOF WALKWAY PADS
- STANDING SEAM METAL ROOF *(5:12 SLOPE, TYP, U.N.O.)*
- GREEN ROOF
- POSSIBLE FUTURE LOCATION FOR PHOTOVOLTAIC PANELS
- CONCEALED GUTTER LOCATION
- ROOF DRAINS AND OVERFLOW
- MECHANICAL EQUIPMENT - SEE MECHANICAL FOR ACTUAL SIZES AND DESIGNATIONS
- SLOPE ARROW - ARROW HEAD INDICATES DIRECTION OF FLOW
- HP — HIGH POINT, ABOVE TOP OF ROOF SHEATHING
- LP — LOW POINT, ABOVE TOP OF ROOF SHEATHING

KEYNOTES

151 CONCEALED GUTTERS WITH LEAF GUARDS AT PITCHED ROOF, DRAIN TO INTERIOR LEADERS; SEE PLUMBING

152 PARAPET COPING TO BE FORMED FROM SAME STANDING SEAM MATERIAL AS PEAKED ROOF

153 PRE-CAST STONE PARAPET CAP; SEE TYPICAL ROOF DETAIL

154 PRE-FINISHED METAL COPING

155 STANDING SEAM MOUNTED SNOW GUARD BARS, TYP; PROVIDE CLEAR, SELF-ADHERED SNOW TABS FOR 24" ON UPSLOPE SIDE OF SNOW GUARDS, SPACED AND INSTALLED PER MANUFACTURER RECOMMENDATIONS

156 GRAVEL WALKWAY AT ROOF GARDENS, SEPARATED FROM PLANTINGS WITH METAL EDGING, INSTALLED PER MANUFACTURER'S RECOMMEDATIONS, TYP

157 PROVIDE (2) 4"H x 16"W SCUPPERS AT PARAPET WALL TO ALLOW DRAINAGE TO MAIN ROOF AND ROOF DRAINS; FULLY FLASH SCUPPERS WITH ROOF FLASHING, HOT-AIR WELDED TO ROOF MEMBRANE

PLAN ROOF PLAN 1

1/8" = 1'-0"

N

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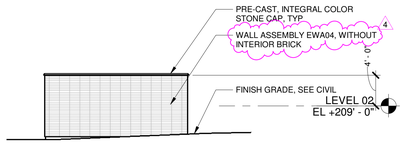
Registrations

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Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

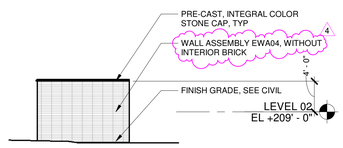
Drawing Title
ROOF PLAN

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
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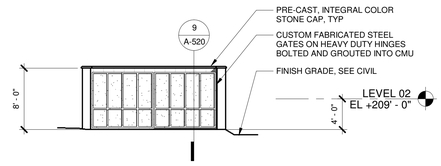
ELEV. TRASH ENCLOSURE-SOUTH 12

1/8" = 1'-0"



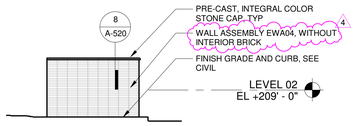
ELEV. TRASH ENCLOSURE-EAST 11

1/8" = 1'-0"



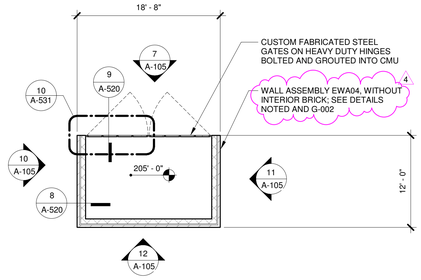
ELEV. TRASH ENCLOSURE-NORTH 7

1/8" = 1'-0"



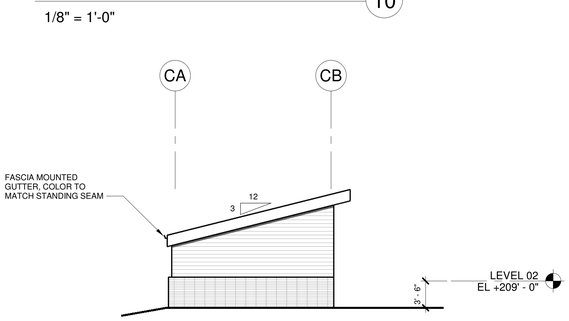
ELEV. TRASH ENCLOSURE-WEST 10

1/8" = 1'-0"



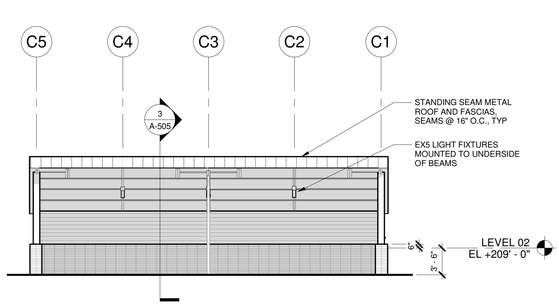
PLAN TRASH ENCLOSURE 6

1/8" = 1'-0"



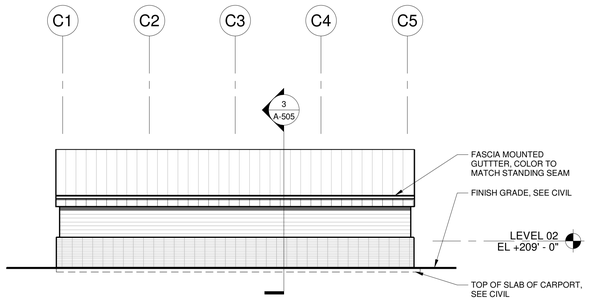
ELEV. CARPORT SOUTH ELEVATION 9

1/8" = 1'-0"



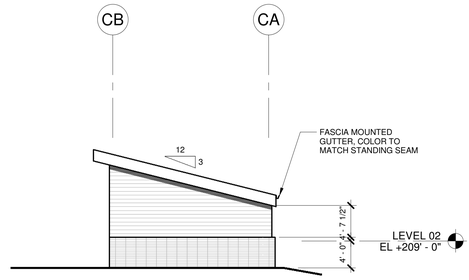
ELEV. CARPORT EAST ELEVATION 5

1/8" = 1'-0"



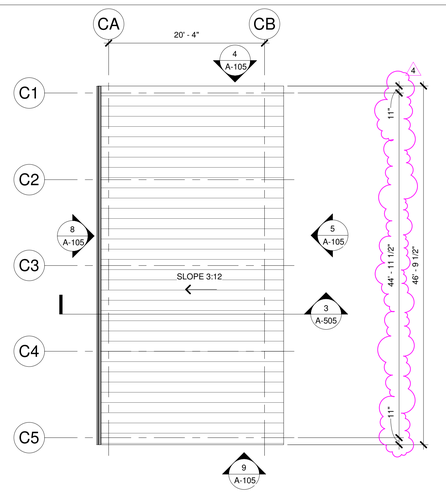
ELEV. CARPORT WEST ELEVATION 8

1/8" = 1'-0"



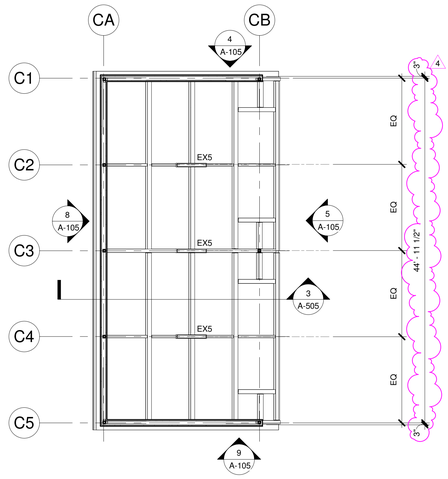
ELEV. CARPORT NORTH ELEVATION 4

1/8" = 1'-0"



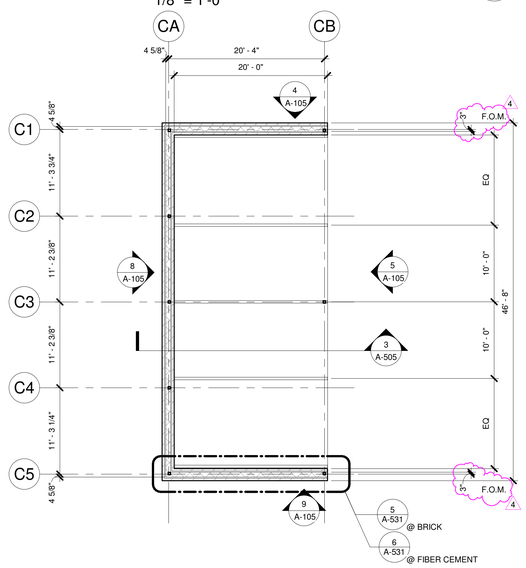
PLAN CARPORT ROOF PLAN 3

1/8" = 1'-0"



PLAN CARPORT RCP 2

1/8" = 1'-0"



PLAN CARPORT PLAN 1

1/8" = 1'-0"

SHEET NOTES

1. REFER TO G-001 AND G-004 FOR TYPICAL INTERIOR PARTITION AND EXTERIOR WALL ASSEMBLY DETAILS
2. ALL DIMENSIONS ARE TO FACE OF SHEATHING, CONCRETE OR MASONRY, U.N.O.
3. SEE CIVIL DRAWINGS FOR SLAB ELEVATIONS FOR BOTH CARPORT AND TRASH ENCLOSURE.

LEGEND

- MAS-1 MASONRY, TYPICAL
- MAS-2 MASONRY, ACCENT
- MT-1 STANDING SEAM METAL CLADDING
- RS-1 FIBER CEMENT LAP SIDING
- FASCIA MOUNTED ROOF GUTTER
- SLOPE ARROW - ARROW HEAD INDICATES DIRECTION OF FLOW
- HP HIGH POINT
- LP LOW POINT
- EX5 EXTERIOR SURFACE MOUNTED FIXTURE

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

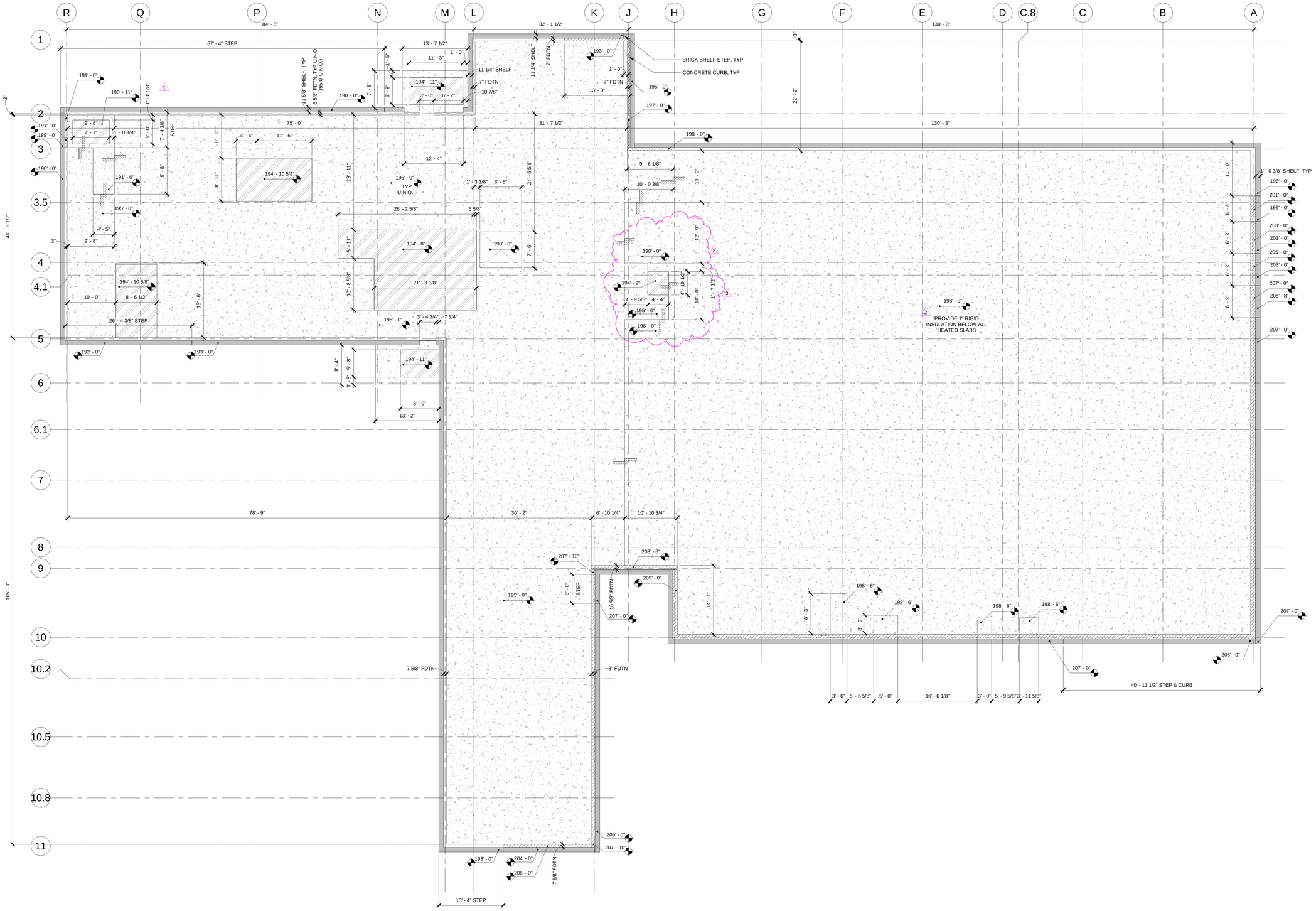
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
CARPORT & TRASH ENCLOSURE DRAWINGS

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
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Revision Schedule

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1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
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Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
LEVEL 1 SLAB PLAN

Drawn by	Checked by
PJC	PJC

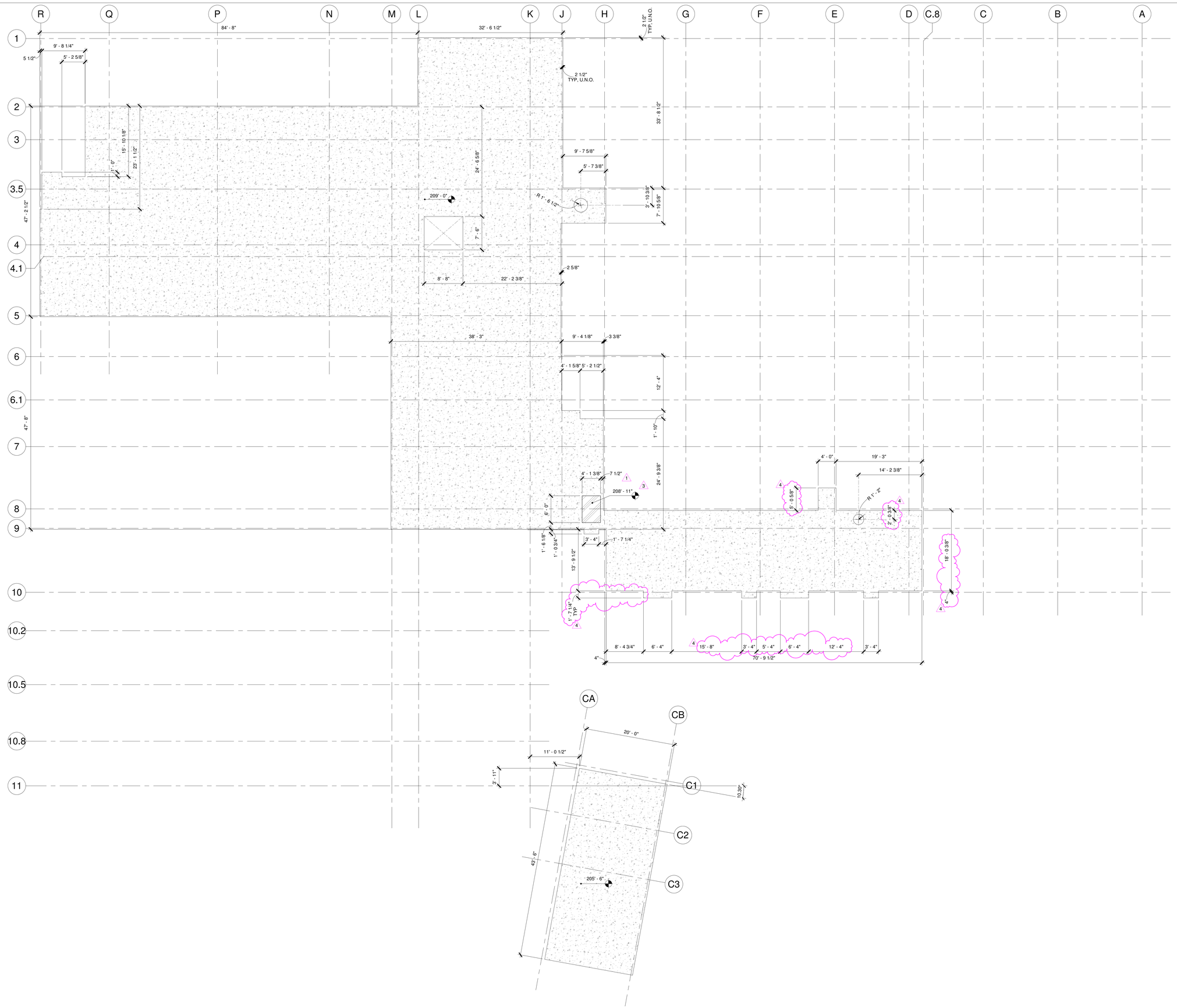
Date
OCTOBER 23, 2020

Job number
21917

Drawing set
CONSTRUCTION DOCUMENTS

Drawing number
A-111

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Registrations

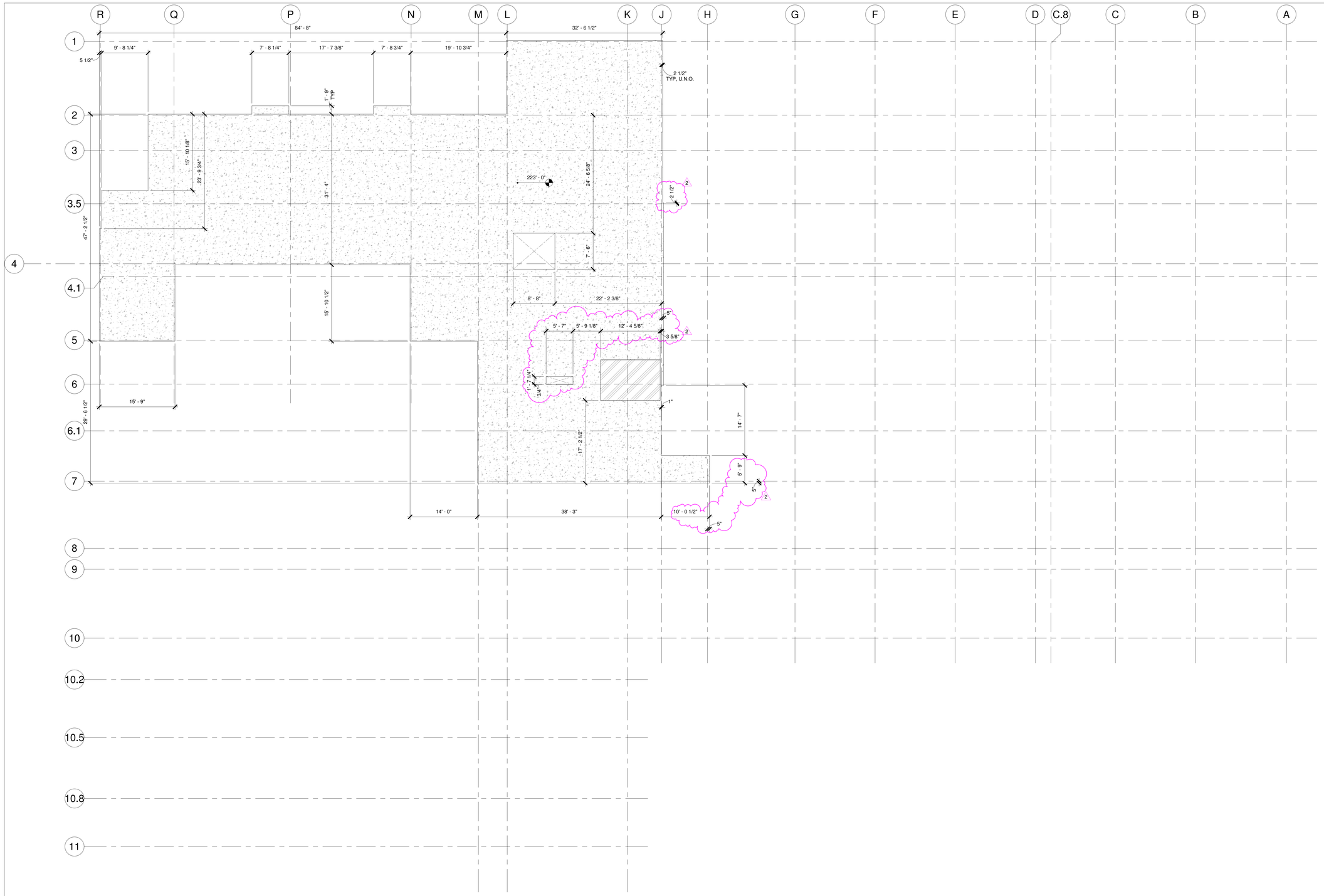
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Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
LEVEL 2 EDGE OF DECK PLAN

PJC Drawn by
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Drawing number
A-112



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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
LEVEL 3 EDGE OF DECK PLAN

PJC — Drawn by
PJC — Checked by
OCTOBER 23, 2020 — Date
21917 — Job number
CONSTRUCTION DOCUMENTS — Drawing set
Drawing number
A-113

N



PLAN — LEVEL 01 REFLECTED CEILING PLAN (1)

1/8" = 1'-0"

SHEET NOTES

1. WHERE A SINGLE FIXTURE OCCURS IN A ROOM OR AREA, CENTER THE FIXTURE WITHIN THE SPACE AS SHOWN.
2. WHERE A SINGLE FIXTURE OCCURS IN A SUSPENDED CEILING PANEL, CENTER IN THE PANEL, BOTH DIRECTIONS, U.N.O.
3. ARCHITECTURAL PLANS GOVERN FOR FIXTURE LOCATION AND TYPE. SEE ELECTRICAL FOR FIXTURE SPECIFICATIONS AND SWITCHING.
4. ALL GYPSUM BOARD CEILINGS TO HAVE SMOOTH TEXTURE AND PAINT FINISH AS SCHEDULED.
5. USE WATER RESISTANT GYPSUM BOARD IN BATHROOMS AND SHOWER AREAS, U.N.O.
6. CEILING HEIGHTS ARE FROM TOP OF FLOOR ASSEMBLY DIRECTLY BELOW, U.N.O.
7. EXTERIOR SITE FIXTURES ARE NOTED ON ARCHITECTURAL SITE PLAN. BUILDING MOUNTED LIGHTING IS SHOWN ON ARHITECTURAL REFLECTED CEILING PLANS.
8. SEE SHEET A-204 FOR TYPICAL CEILING DETAILS
9. CENTER CEILING GRID IN ROOM, BOTH DIRECTIONS, UON
10. NOT ALL CEILING DEVICES ARE SHOWN ON REFLECTED CEILING PLAN. GC TO COORDINATE LOCATION OF ALL DEVICES
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF SUPPLY AND RETURN DUCTWORK/GRILLES TO KEEP DUST FROM ENTERING THE BUILDING AIR SYSTEM
12. CONTRACTOR IS TO AVOID PLACEMENT OF DUCTS, CONDUITS AND PIPING THAT MAY INTERFERE WITH THE LIGHTING PLACEMENT SHOWN. COORDINATE THE SPACING OF ALL HANGERS. CARRY CHANNELS, RUNNERS, AND MOLDING WITH THE LOCATION OF ELECTRICAL FIXTURES OCCURRING IN OR ON THE CEILING
13. IF CEILING DIFFUSERS, LIGHT FIXTURES, OR OTHER ASSEMBLIES ON OR ABOVE THE CEILING CAN NOT BE LOCATED AS SHOWN, SUCH INTERFERENCE SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT FOR REVIEW
14. CEILING COMPATIBILITY FOR ALL RECESSED FIXTURES TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO ORDERING. ALL LAMPS SHALL BE OF THE SAME MANUFACTURER. ARCHITECT MUST APPROVE ALL FIXTURE SUBSTITUTIONS
15. LOCATE ALL DEVICES AND EQUIPMENT THAT REQUIRES ACCESS ABOVE THE ACCESSIBLE CEILING SYSTEMS. SEE SPECIFICATION FOR ACCESS PANEL MODEL. COORDINATE LOCATION WITH TRADES AND SUBMIT SHOP DRAWING SHOWING ALL LOCATIONS FOR ARCHITECT REVIEW AND APPROVAL
16. IN ALL GYP BOARD CEILING AREAS COORDINATE LOCATION OF ALL MEP ELEMENTS REQUIRING ACCESS PRIOR TO ROUGH IN TO MINIMIZE ACCESS PANEL OPENINGS. REVIEW ALL PROPOSED ACCESS LOCATIONS W/ ARCHITECT AND ENGINEERS
17. CEILINGS UNDER EXTENTS OF FITNESS ROOM ARE TO HAVE ACOUSTIC ISOLATING HANGERS.

LEGEND

- AC-1 24" x 24" SUSPENDED CEILING SYSTEM
- AC-2 24" x 24" SUSPENDED CEILING SYSTEM, DAMP AREA
- AC-3 SUSPENDED INDOOR/OUTDOOR LINEAR WOOD PLANK CEILING SYSTEM
- AC-4 24" SUSPENDED DETENTION CEILING
- GYPSUM BOARD CEILING
- UD EXPOSED TO UNDERSIDE OF STRUCTURE ABOVE
- EX1 EXTERIOR WALL SCONCE *MOUNT B.O. FIXTURE @ 96" A.F.F., U.N.O.*
- EX2 EXTERIOR BOLLARD LIGHT FIXTURE (SEE SITE PLAN)
- EX3 EXTERIOR UTILITY WALL SCONCE *MOUNT B.O. FIXTURE @ 96" A.F.F., U.N.O.*
- P1 LINEAR PENDANT FIXTURE *(X.4 = 4'L, X.6 = 6'L, X.8 = 8'L) MOUNT B.O. FIXTURE @ 96" A.F.F.*
- P2 84"L LINEAR HIGH BAY PENDANT *MOUNT B.O. FIXTURE @ 18'-2" A.F.F.*
- P3 48" X 48" DECORATIVE PENDANT *MOUNT B.O. FIXTURE @ 96" A.F.F.*
- P4 52"L DECORATIVE PENDANT *MOUNT B.O. FIXTURE @ 68" A.F.F.*
- P5 5"Ø DECORATIVE SPOT PENDANT *MOUNT B.O. FIXTURE @ 72" A.F.F.*
- R1 24" X 24" RECESSED INDIRECT LED FIXTURE
- R2 6"Ø RECESSED LED DOWNLIGHT
- R3 8"Ø RECESSED WET LOCATION LED DOWNLIGHT
- R4 LINEAR RECESSED LED *(X.4 = 4'L, X.5 = 5'L, X.6 = 6'L, X.8 = 8'L)*
- R5 PERIMETER RECESSED LED *(X.2 = 2'L, X.4 = 4'L, X.6 = 6'L, X.8 = 8'L)*
- SM1 48"L LED LINEAR SURFACE MOUNT
- SM2 12"Ø SURFACE MOUNT LED
- W1 48"L LED LINEAR WALL MOUNT *MOUNT B.O. FIXTURE @ 96" A.F.F.*
- W2 48"L WET LOCATION LED WALL MOUNT *MOUNT B.O. FIXTURE @ 96" A.F.F.*
- W3 LED VANITY FIXTURE *MOUNT B.O. FIXTURE @ 90" A.F.F.*
- W4 48"L LINEAR CONFINEMENT LED W/SPEAKER
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXHAUST GRILLE
- FAN COIL UNIT
- RADIANT HEAT PANELS
- SPRINKLERS
- EXIT SIGN, DARK QUADRANT INDICATES SIGN FACE
- SECURITY CAMERA, SEE ELECTRICAL DWGS. V.I.F FINAL LOCATIONS

N

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4	ADDENDUM #7	12.16.20

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 1 REFLECTED CEILING PLAN

PJC Drawn by — PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-201



SHEET NOTES

1. WHERE A SINGLE FIXTURE OCCURS IN A ROOM OR AREA, CENTER THE FIXTURE WITHIN THE SPACE AS SHOWN.
2. WHERE A SINGLE FIXTURE OCCURS IN A SUSPENDED CEILING PANEL, CENTER IN THE PANEL, BOTH DIRECTIONS, U.N.O.
3. ARCHITECTURAL PLANS GOVERN FOR FIXTURE LOCATION AND TYPE. SEE ELECTRICAL FOR FIXTURE SPECIFICATIONS AND SWITCHING.
4. ALL GYPSUM BOARD CEILINGS TO HAVE SMOOTH TEXTURE AND PAINT FINISH AS SCHEDULED.
5. USE WATER RESISTANT GYPSUM BOARD IN BATHROOMS AND SHOWER AREAS, U.N.O.
6. CEILING HEIGHTS ARE FROM TOP OF FLOOR ASSEMBLY DIRECTLY BELOW, U.N.O.
7. EXTERIOR SITE FIXTURES ARE NOTED ON ARCHITECTURAL SITE PLAN. BUILDING MOUNTED LIGHTING IS SHOWN ON ARHITECTURAL REFLECTED CEILING PLANS.
8. ARCHITECTURAL PLANS GOVERN FOR CEILING FIXTURE LOCATIONS. MECHANICAL AND ELECTRICAL GOVERN FOR PRODUCT SIZE, CONNECTIONS AND ROUTING, TYP
9. REFER TO SHEET A-000 FOR ARCHITECTURAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS.
10. SEE SHEET A-204 FOR TYPICAL CEILING DETAILS
11. CENTER CEILING GRID IN ROOM, BOTH DIRECTIONS, UON
12. NOT ALL CEILING DEVICES ARE SHOWN ON REFLECTED CEILING PLAN. GC TO COORDINATE LOCATION OF ALL DEVICES
13. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR BLOCKING OFF SUPPLY AND RETURN DUCTWORK/GRILLES TO KEEP DUST FROM ENTERING THE BUILDING AIR SYSTEM
14. CONTRACTOR IS TO AVOID PLACEMENT OF DUCTS, CONDUITS AND PIPING THAT MAY INTERFERE WITH THE LIGHTING PLACEMENT SHOWN. COORDINATE THE SPACING OF ALL HANGERS. CARRY CHANNELS, RUNNERS, AND MOLDING WITH THE LOCATION OF ELECTRICAL FIXTURES OCCURRING IN OR ON THE CEILING
15. IF CEILING DIFFUSERS, LIGHT FIXTURES, OR OTHER ASSEMBLIES ON OR ABOVE THE CEILING CAN NOT BE LOCATED AS SHOWN, SUCH INTERFERENCE SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT FOR REVIEW
16. CEILING COMPATIBILITY FOR ALL RECESSED FIXTURES TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO ORDERING. ALL LAMPS SHALL BE OF THE SAME MANUFACTURER. ARCHITECT MUST APPROVE ALL FIXTURE SUBSTITUTIONS
17. LOCATE ALL DEVICES AND EQUIPMENT THAT REQUIRES ACCESS ABOVE THE ACCESSIBLE CEILING SYSTEMS. SEE SPECIFICATION FOR ACCESS PANEL MODEL. COORDINATE LOCATION WITH TRADES AND SUBMIT SHOP DRAWING SHOWING ALL LOCATIONS FOR ARCHITECT REVIEW AND APPROVAL
18. IN ALL GYP BOARD CEILING AREAS COORDINATE LOCATION OF ALL MEP ELEMENTS REQUIRING ACCESS PRIOR TO ROUGH IN TO MINIMIZE ACCESS PANEL OPENINGS. REVIEW ALL PROPOSED ACCESS LOCATIONS W/ ARCHITECT AND ENGINEERS
19. CEILINGS UNDER EXTENTS OF FITNESS ROOM ARE TO HAVE ACOUSTIC ISOLATING HANGERS.

LEGEND

- **AC-1** 24" x 24" SUSPENDED CEILING SYSTEM
- **AC-2** 24" x 24" SUSPENDED CEILING SYSTEM, DAMP AREA
- **AC-3** SUSPENDED INDOOR/OUTDOOR LINEAR WOOD PLANK CEILING SYSTEM
- **AC-4** 24" SUSPENDED DETENTION CEILING
- GYPSUM BOARD CEILING
- **UD** EXPOSED TO UNDERSIDE OF STRUCTURE ABOVE
- **EX1** EXTERIOR WALL SCONCE *MOUNT B.O. FIXTURE @ 96" A.F.F., U.N.O.*
- **EX2** EXTERIOR BOLLARD LIGHT FIXTURE (SEE SITE PLAN)
- **EX3** EXTERIOR UTILITY WALL SCONCE *MOUNT B.O. FIXTURE @ 96" A.F.F., U.N.O.*
- **P1** LINEAR PENDANT FIXTURE *(X.4 = 4'L, X.6 = 6'L, X.8 = 8'L) MOUNT B.O. FIXTURE @ 96" A.F.F.*
- **P2** 84"L LINEAR HIGH BAY PENDANT *MOUNT B.O. FIXTURE @ 18'-2" A.F.F.*
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- **P4** 52"L DECORATIVE PENDANT *MOUNT B.O. FIXTURE @ 68" A.F.F.*
- **P5** 5"Ø DECORATIVE SPOT PENDANT *MOUNT B.O. FIXTURE @ 72" A.F.F.*
- **R1** 24" X 24" RECESSED INDIRECT LED FIXTURE
- **R2** 6"Ø RECESSED LED DOWNLIGHT
- **R3** 8"Ø RECESSED WET LOCATION LED DOWNLIGHT
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- **SM1** 48"L LED LINEAR SURFACE MOUNT
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- FAN COIL UNIT
- RADIANT HEAT PANELS
- SPRINKLERS
- EXIT SIGN, DARK QUADRANT INDICATES SIGN FACE
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PLAN — LEVEL 02 REFLECTED CEILING PLAN — 1

1/8" = 1'-0"

N

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20

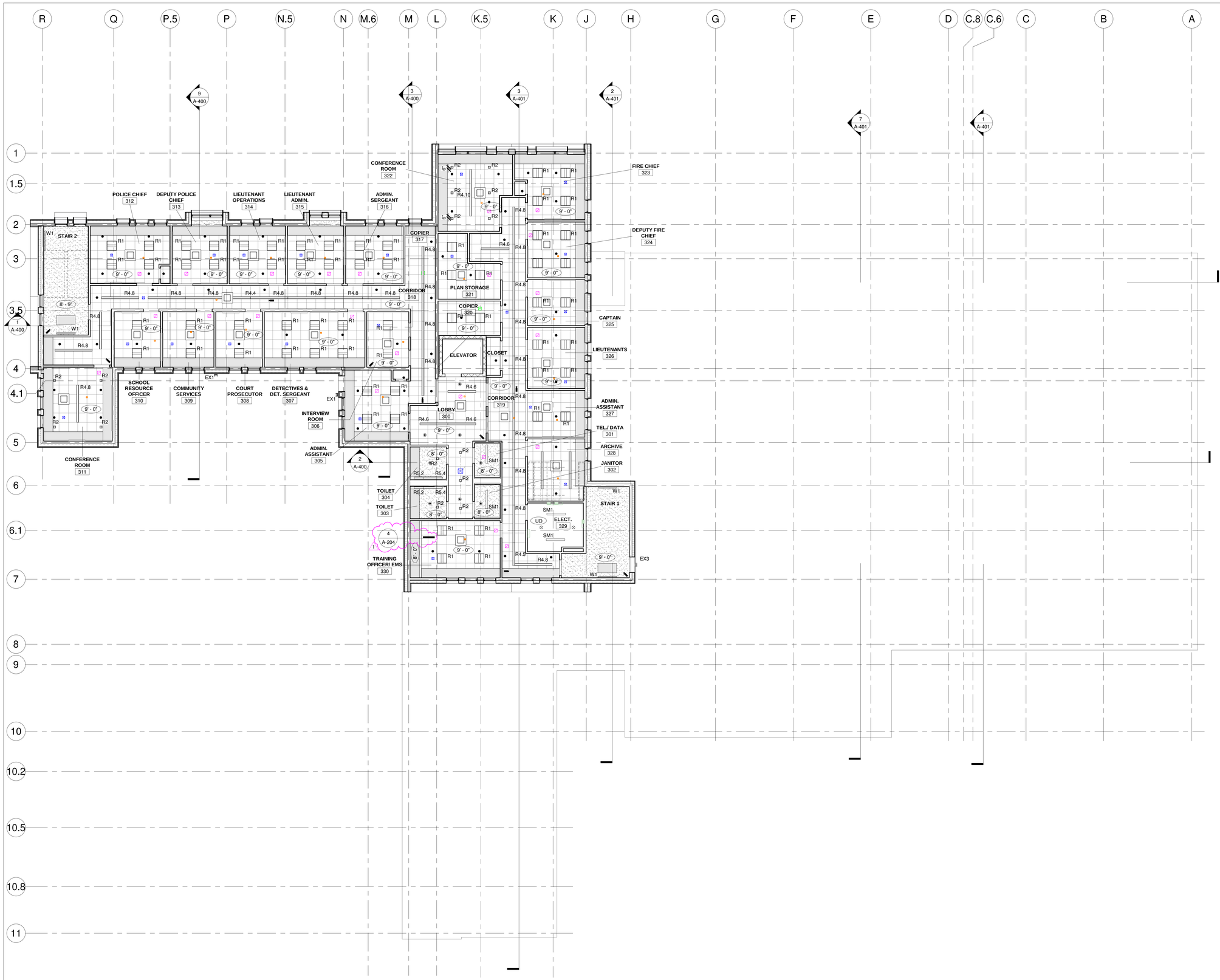
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 2 REFLECTED CEILING PLAN

PJC — Drawn by
PJC — Checked by
OCTOBER 23, 2020 — Date
21917 — Job number
CONSTRUCTION DOCUMENTS — Drawing set
A-202 — Drawing number



SHEET NOTES

1. WHERE A SINGLE FIXTURE OCCURS IN A ROOM OR AREA, CENTER THE FIXTURE WITHIN THE SPACE AS SHOWN.
2. WHERE A SINGLE FIXTURE OCCURS IN A SUSPENDED CEILING PANEL, CENTER IN THE PANEL, BOTH DIRECTIONS, U.N.O.
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- **AC-2** 24" x 24" SUSPENDED CEILING SYSTEM, DAMP AREA
- **AC-3** SUSPENDED INDOOR/OUTDOOR LINEAR WOOD PLANK CEILING SYSTEM
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- **UD** EXPOSED TO UNDERSIDE OF STRUCTURE ABOVE
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- FAN COIL UNIT
- RADIANT HEAT PANELS
- SPRINKLERS
- EXIT SIGN, DARK QUADRANT INDICATES SIGN FACE
- SECURITY CAMERA, SEE ELECTRICAL DWGS. V.I.F FINAL LOCATIONS

PLAN — LEVEL 03 REFLECTED CEILING PLAN (1)

1/8" = 1'-0"

N

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20

Registrations

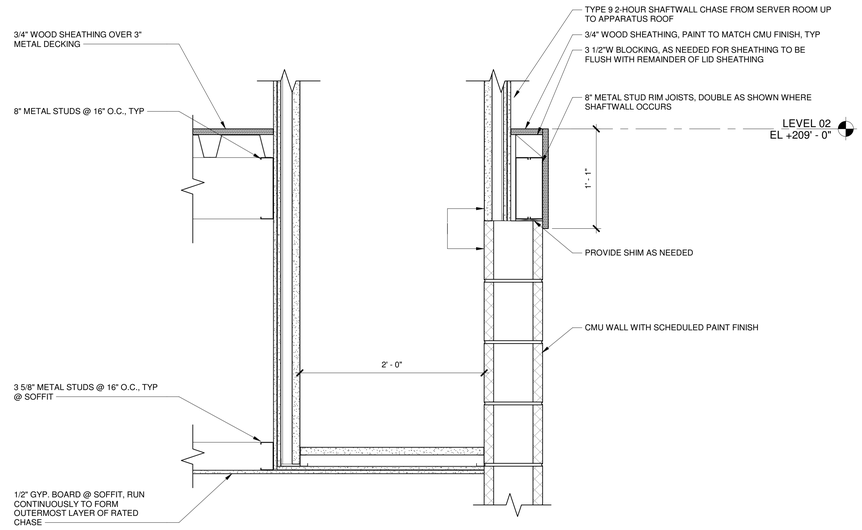
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 3 REFLECTED CEILING PLAN

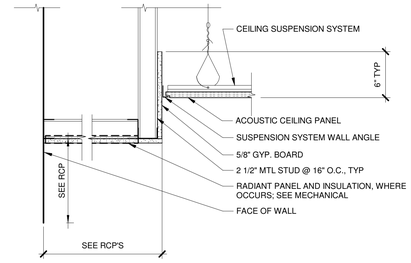
PJC — Drawn by
PJC — Checked by
OCTOBER 23, 2020 — Date
21917 — Job number
CONSTRUCTION DOCUMENTS — Drawing set

Drawing number
A-203



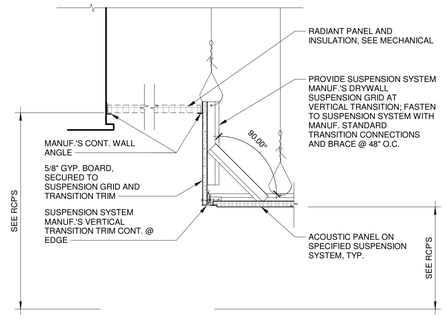
DET. WATCH ROOM LID @ CHASE 7

1 1/2" = 1'-0"



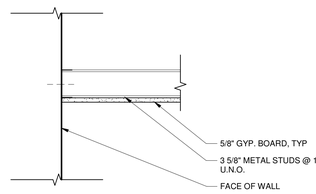
DET TYP GYP. BOARD SOFFIT 4

1 1/2" = 1'-0"



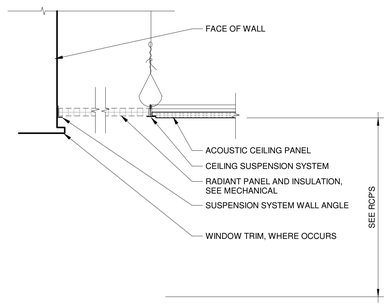
DET ACOUSTIC CLG @ OFFSET RADIANT PANEL 3

1 1/2" = 1'-0"



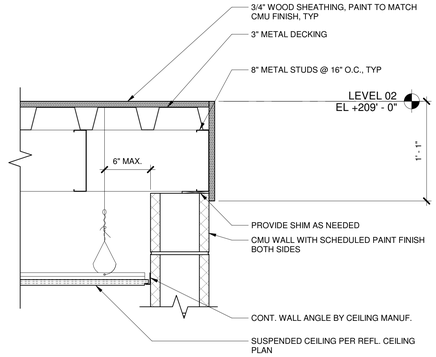
DET TYP. GYP. BOARD CEILING 6

1 1/2" = 1'-0"



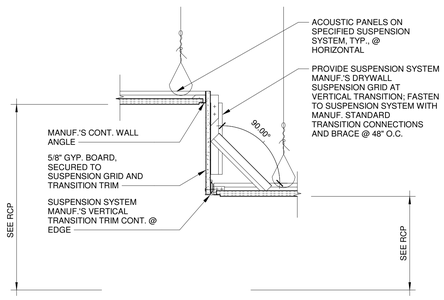
DET ACOUSTIC CLG @ FLUSH RADIANT PANEL 2

1 1/2" = 1'-0"



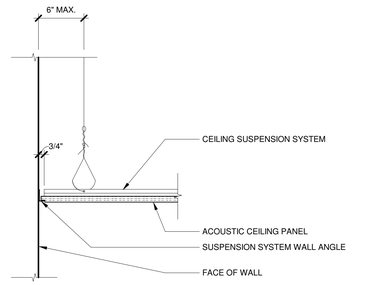
DET. WATCH ROOM LID TYP 9

1 1/2" = 1'-0"



DET TYP. ACOUSTIC CLG HEIGHT TRANSITION 5

1 1/2" = 1'-0"



DET TYP ACOUSTIC CLG @ WALL 1

1 1/2" = 1'-0"

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Revision Schedule

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1	ADDENDUM #2	11.13.20

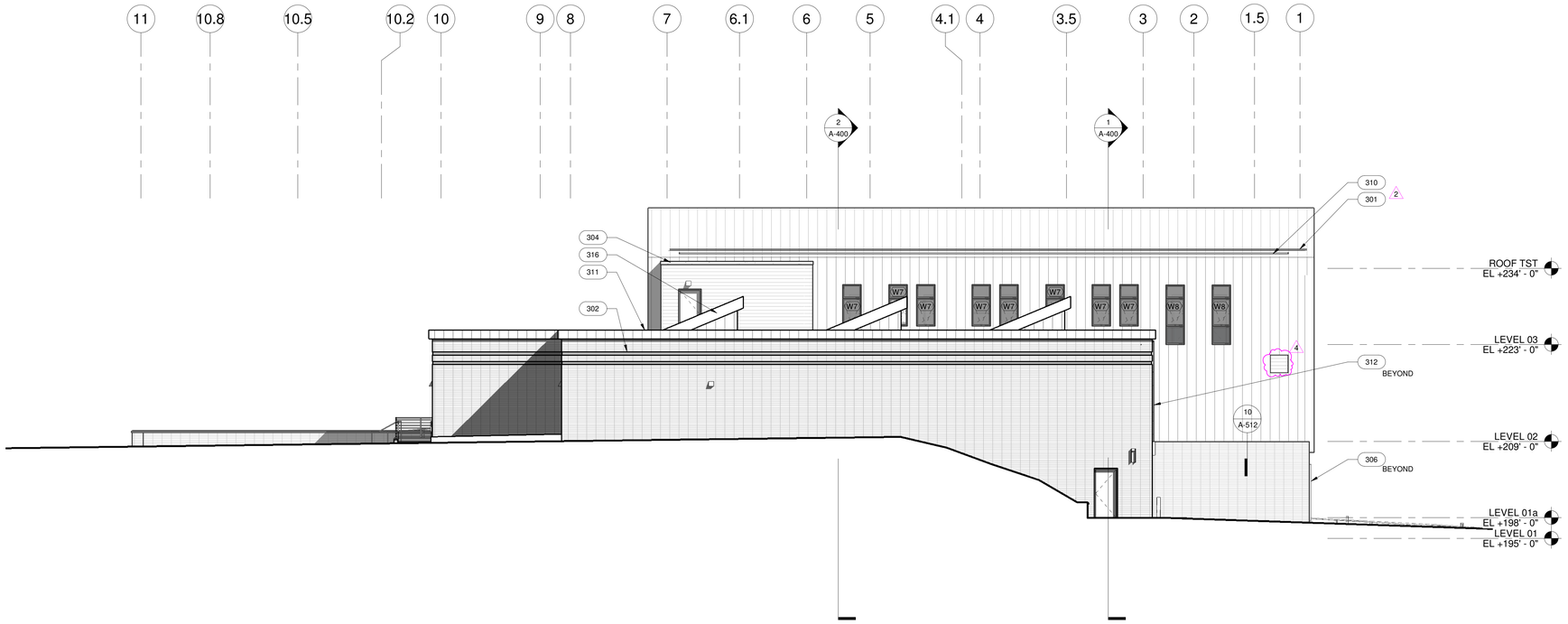
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

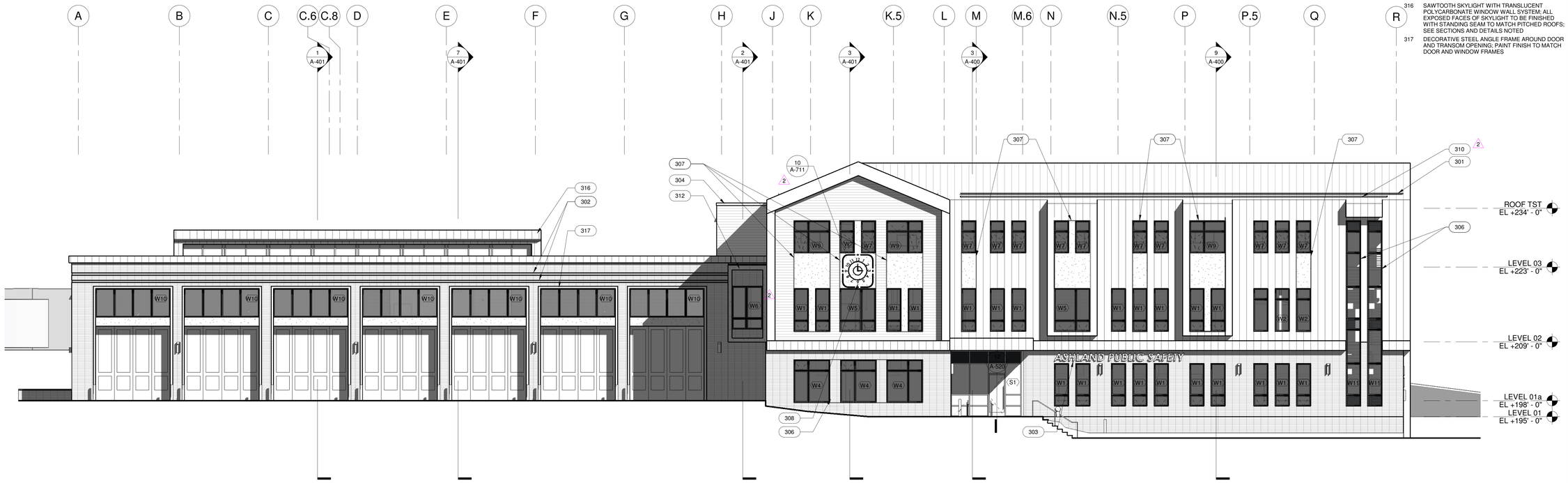
Drawing Title
CEILING DETAILS

WP Drawn by
WP Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-204



ELEVATION EAST ELEVATION 2

1/8" = 1'-0"



ELEVATION NORTH ELEVATION 1

1/8" = 1'-0"

SHEET NOTES

1. REFER TO MATERIALS LEGEND FOR EXTERIOR FINISH DESIGNATIONS.
2. REFER TO WINDOW SCHEDULE FOR WINDOW INFORMATION.
3. ALL EXTERIOR RAILINGS ARE TO BE GALV. AND RECEIVE SPECIFIED PAINT FINISH.
4. ALL METAL TRIMS AND FASCIAS ARE TO HAVE A FACTORY FINISH.

LEGEND

- **MAS-1** MASONRY, TYPICAL
- **MAS-1** MASONRY REVEAL
- **MT-1** STANDING SEAM METAL CLADDING
- **RS-1** FIBER CEMENT LAP SIDING
- **RS-2** RESINOUS FIBER ACCENT PANELS
- **EX1** EXTERIOR WALL SCONCE (SIDE / FRONT)
- **EX2** EXTERIOR BOLLARD FIXTURE (SIDE / FRONT)
- **EX3** EXTERIOR UTILITY SCONCE (SIDE / FRONT)

KEYNOTES

301 STANDING SEAM MOUNTED SNOW GUARD BARS, TYP; PROVIDE CLEAR, SELF-ADHERED SNOW TABS FOR 24" ON UPSLOPE SIDE OF SNOW GUARDS, SPACED AND INSTALLED PER MANUFACTURER RECOMMENDATIONS

302 1/2" RECESSED ACCENT MASONRY BANDS, TYP - 2 COURSES HIGH

303 18"H x 3'D PAINTED ALUMINUM DIMENSIONAL BUILDING SIGNAGE WITH INTEGRAL BACK LIGHTING, MOUNTED ON PINS

304 5/4" x 6"H FIBER CEMENT CORNICE TRIM

306 BRAKE METAL FRAME AROUND WINDOW, TYP WHERE NOTED; POWDER COAT FINISH TO MATCH ARCHITECT'S SAMPLE COLOR

307 BRAKE METAL FRAME AROUND WINDOWS & RS-2 ACCENT PANEL, TYP WHERE NOTED; POWDER COAT FINISH TO MATCH ARCHITECT'S SAMPLE COLOR

308 BUILDING MOUNTED CLOCK WITH ILLUMINATED DIAL MARKINGS, HANDS AND RING; BACKING TO BE SECURED TO THE CLADDING ATTACHMENT SYSTEM AND WIRING TO BE RUN TO J-BOX AT LEVEL 3; EXTERIOR ENVELOPE CONTRACTOR TO COORDINATE WITH CLOCK MANUFACTURER/INSTALLER

310 CONCEALED GUTTER WITH LEAF GUARD INTEGRATED INTO STANDING SEAM ROOFING, TYP; SEE SECTIONS AND DETAILS

311 CUSTOM FORMED STANDING SEAM PARAPET COPING, TYP, IN MT-1 FINISH; ALL TRANSITIONS TO BE SMOOTH AND CONTINUOUS, AND APPEAR AS SEAMLESS AS POSSIBLE

312 RS-2 PANELS TO CLAD DEEP PROJECTION AT RECESSED WINDOW, TYP; MAINTAIN 1/4" GAP BETWEEN PANELS TO ALLOW FOR DRAINAGE DOWN TO DRAINAGE PLANE; SEE SECTIONS AND DETAILS

316 SAWTOOTH SKYLIGHT WITH TRANSLUCENT POLYCARBONATE WINDOW WALL SYSTEM; ALL EXPOSED FACES OF SKYLIGHT TO BE FINISHED WITH STANDING SEAM TO MATCH PITCHED ROOFS; SEE SECTIONS AND DETAILS NOTED

317 DECORATIVE STEEL ANGLE FRAME AROUND DOOR AND TRANSOM OPENING; PAINT FINISH TO MATCH DOOR AND WINDOW FRAMES

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

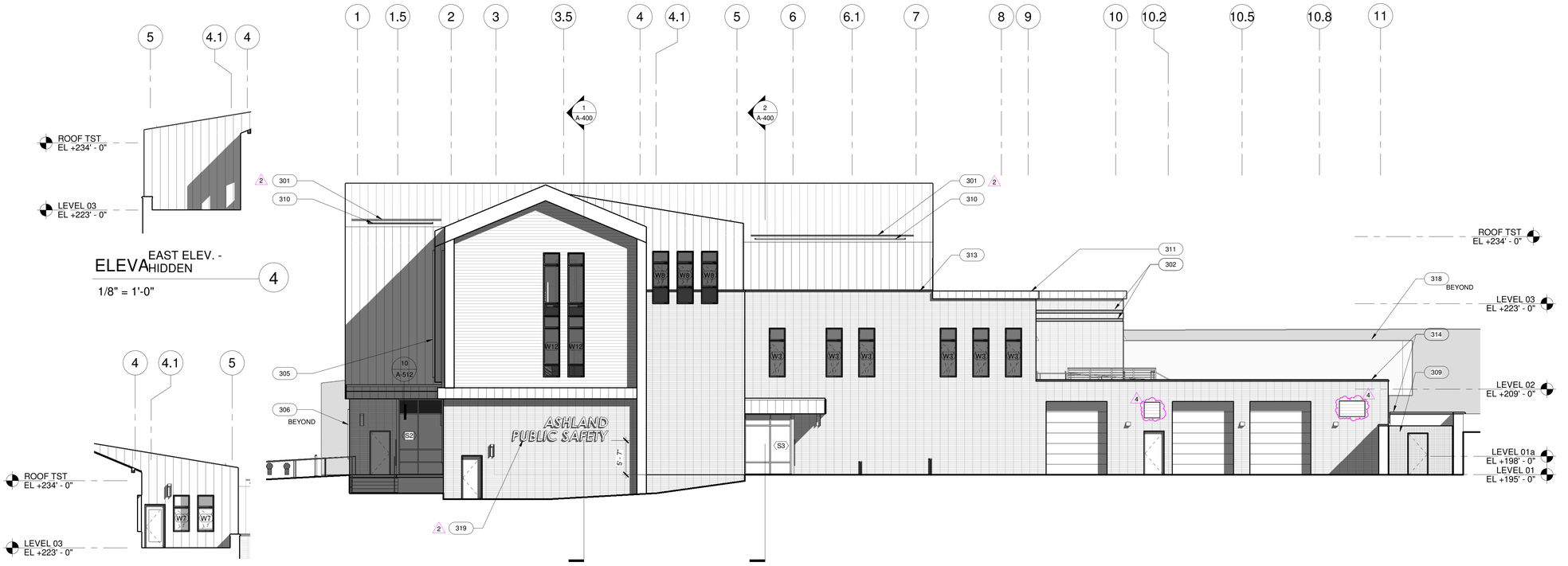
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
EXTERIOR ELEVATIONS

PJC Drawn by / PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-300



ELEVATION EAST ELEV. - HIDDEN

1/8" = 1'-0"

4

ELEVATION WEST ELEV. - HIDDEN

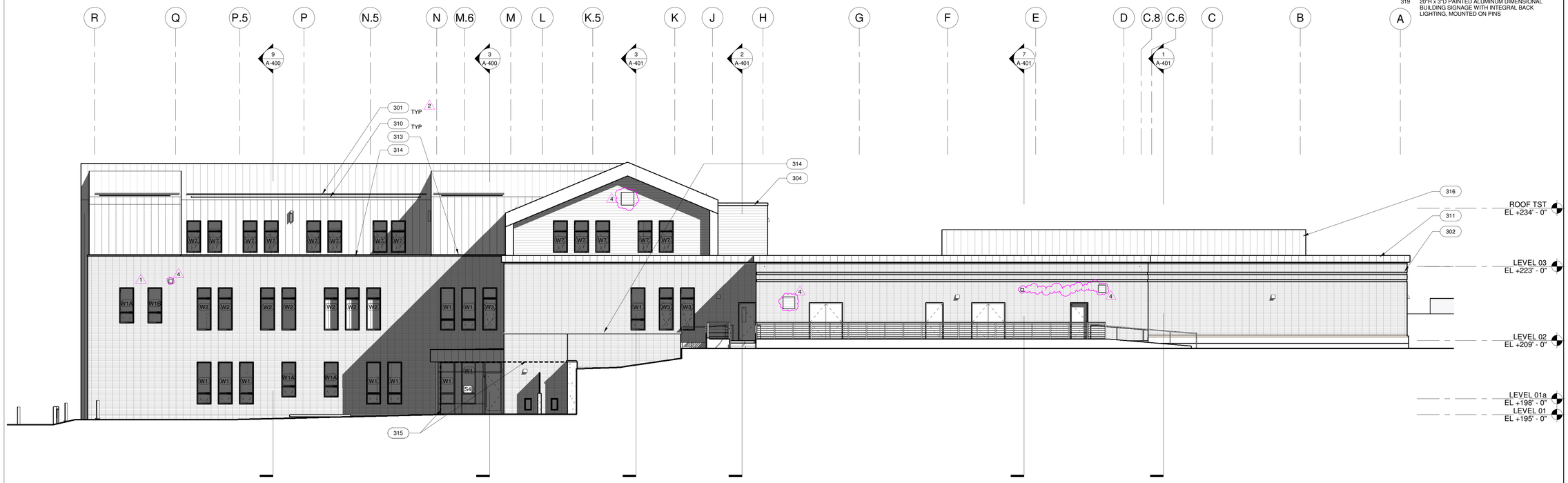
1/8" = 1'-0"

3

ELEVATION WEST ELEVATION

1/8" = 1'-0"

2



ELEVATION SOUTH ELEVATION

1/8" = 1'-0"

1

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309 WEATHER-RESISTANT WOVEN WIRE PARTITIONS AND GATES AT K9 KENNELS; INSTALL PER MANUFACTURER'S RECOMMENDATIONS

310 CONCEALED GUTTER WITH LEAF GUARD INTEGRATED INTO STANDING SEAM ROOFING, TYP; SEE SECTIONS AND DETAILS

311 CUSTOM FORMED STANDING SEAM PARAPET COPING, TYP, IN MT-1 FINISH; ALL TRANSITIONS TO BE SMOOTH AND CONTINUOUS, AND APPEAR AS SEAMLESS AS POSSIBLE

313 PRE-CAST STONE CAP AT TRANSITION FROM MASONRY VENEER TO SIDING, TYP; SEE DETAILS

314 PRE-CAST STONE COPING, TYP; SEE DETAILS

315 RETAINING WALL AT KENNELS AND GRADE ARE SHOWN DASHED SO ELEVATION BEYOND CAN BE SEEN

316 SAWTOOTH SKYLIGHT WITH TRANSLUCENT POLYCARBONATE WINDOW WALL SYSTEM; ALL EXPOSED FACES OF SKYLIGHT TO BE FINISHED WITH STANDING SEAM TO MATCH PITCHED ROOFS; SEE SECTIONS AND DETAILS NOTED

318 PRE-FABRICATED FIRING RANGE

319 20"H x 3"D PAINTED ALUMINUM DIMENSIONAL BUILDING SIGNAGE WITH INTEGRAL BACK LIGHTING, MOUNTED ON PINS

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

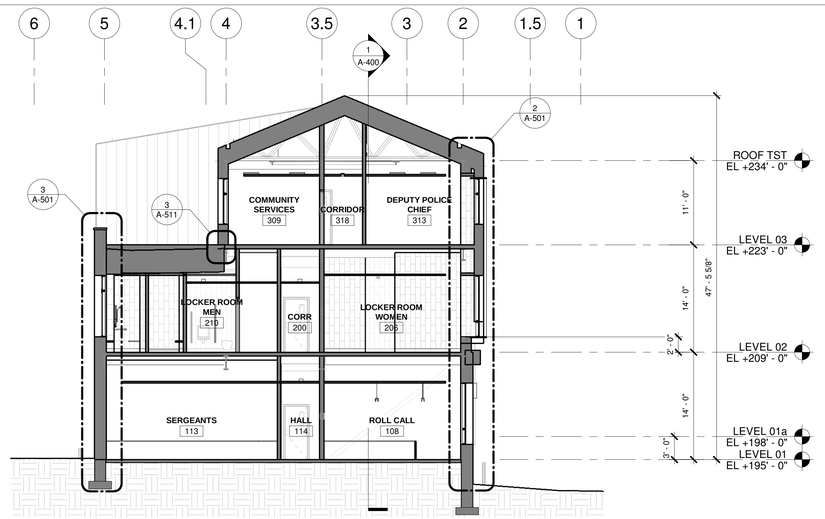
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
EXTERIOR ELEVATIONS

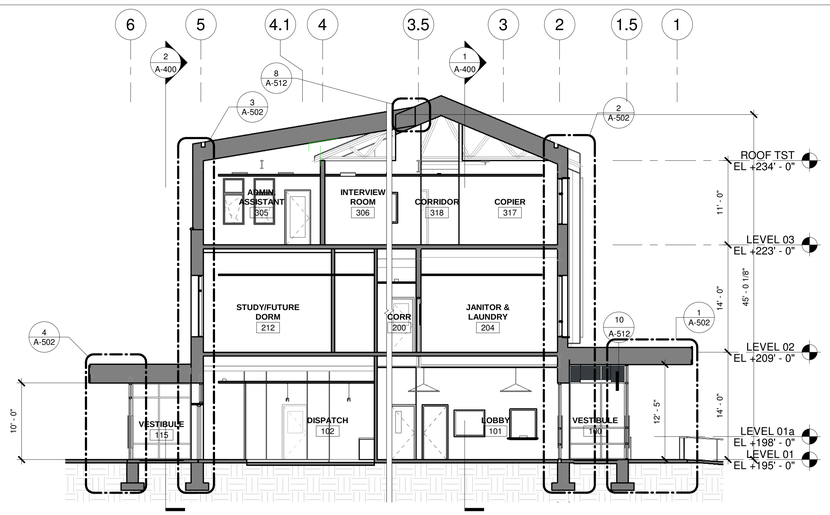
PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-301



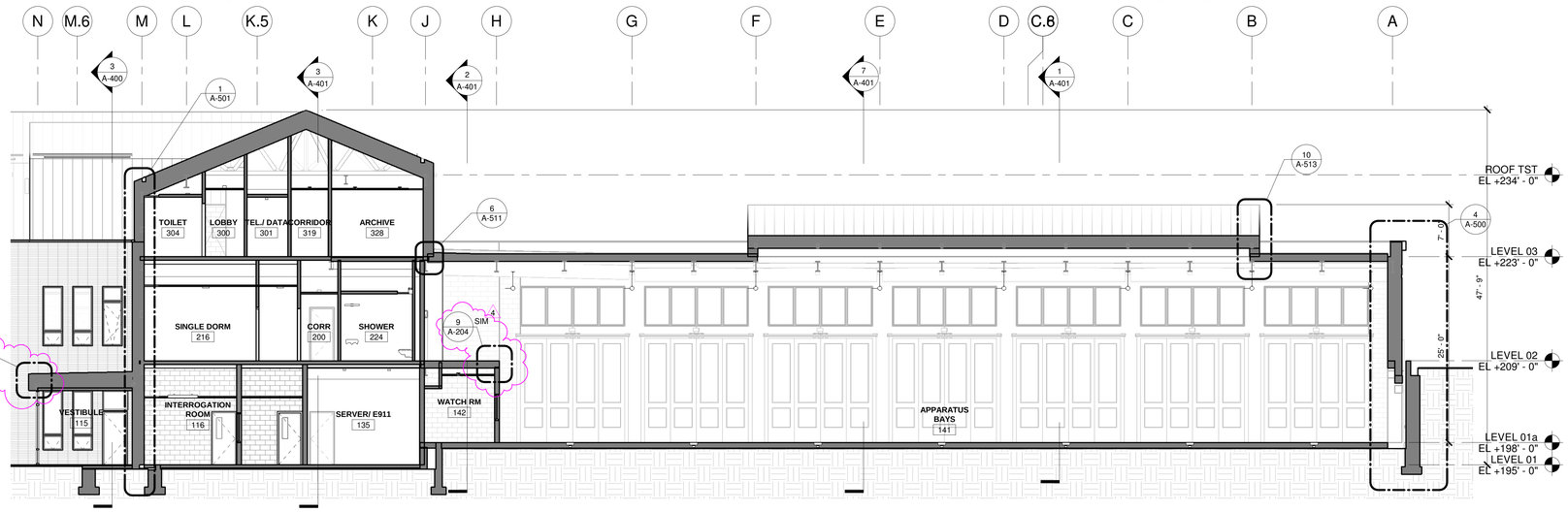
SECTION BUILDING SECTION F 9

1/8" = 1'-0"



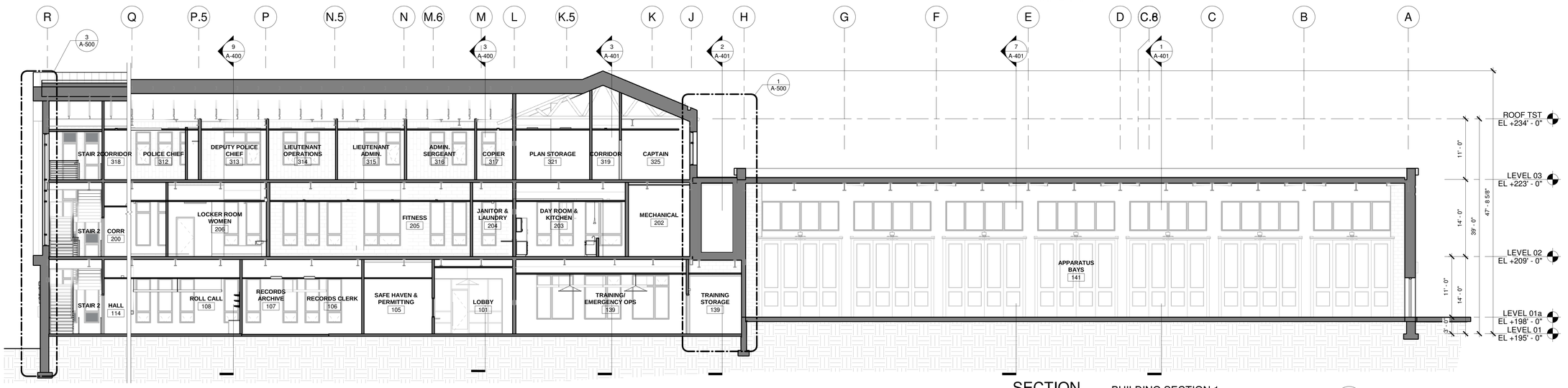
SECTION BUILDING SECTION E 3

1/8" = 1'-0"



SECTION BUILDING SECTION 2 2

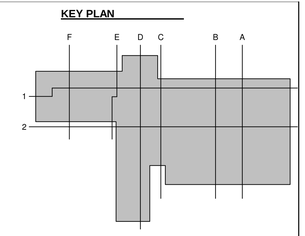
1/8" = 1'-0"



SECTION BUILDING SECTION 1 1

1/8" = 1'-0"

KEY PLAN



SHEET NOTES

1. REFER TO G-000 SERIES SHEETS FOR TYPICAL PARTITION TYPES, EXTERIOR WALL AND HORIZONTAL ASSEMBLIES.
2. REFER TO CODE REVIEW SHEET FOR FIRE RATING SECTION DIAGRAM FOR HORIZONTAL SEPARATIONS REQUIRED.

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

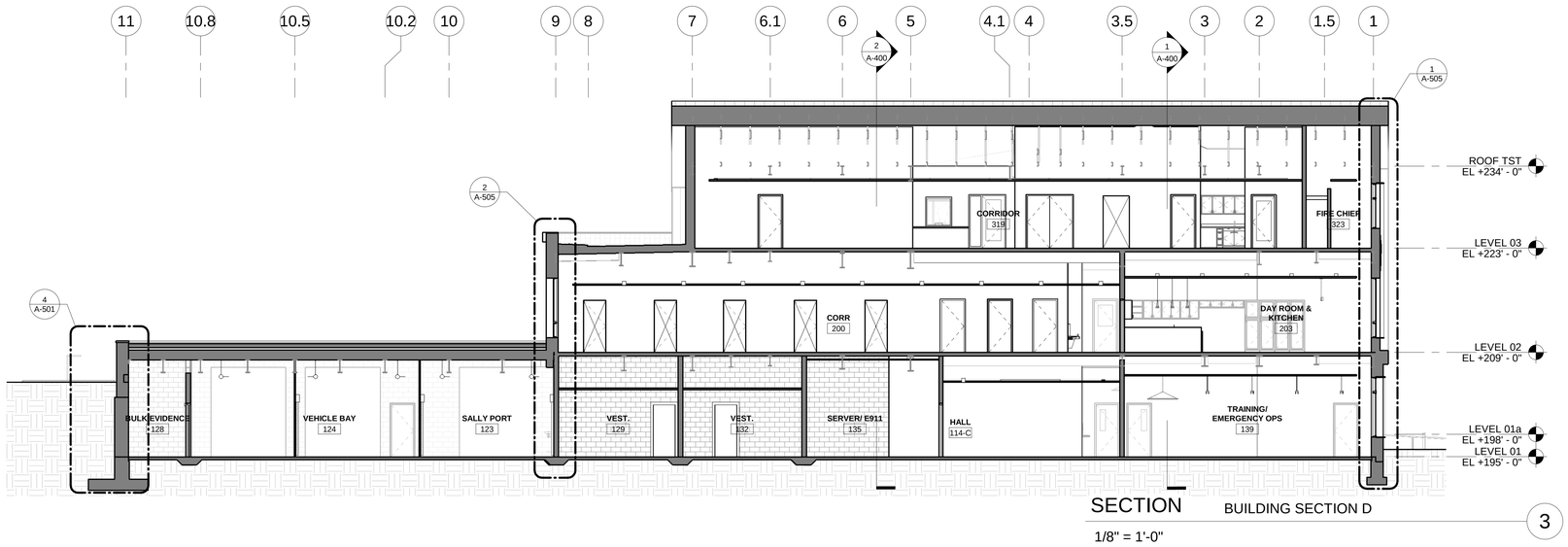
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
BUILDING SECTIONS

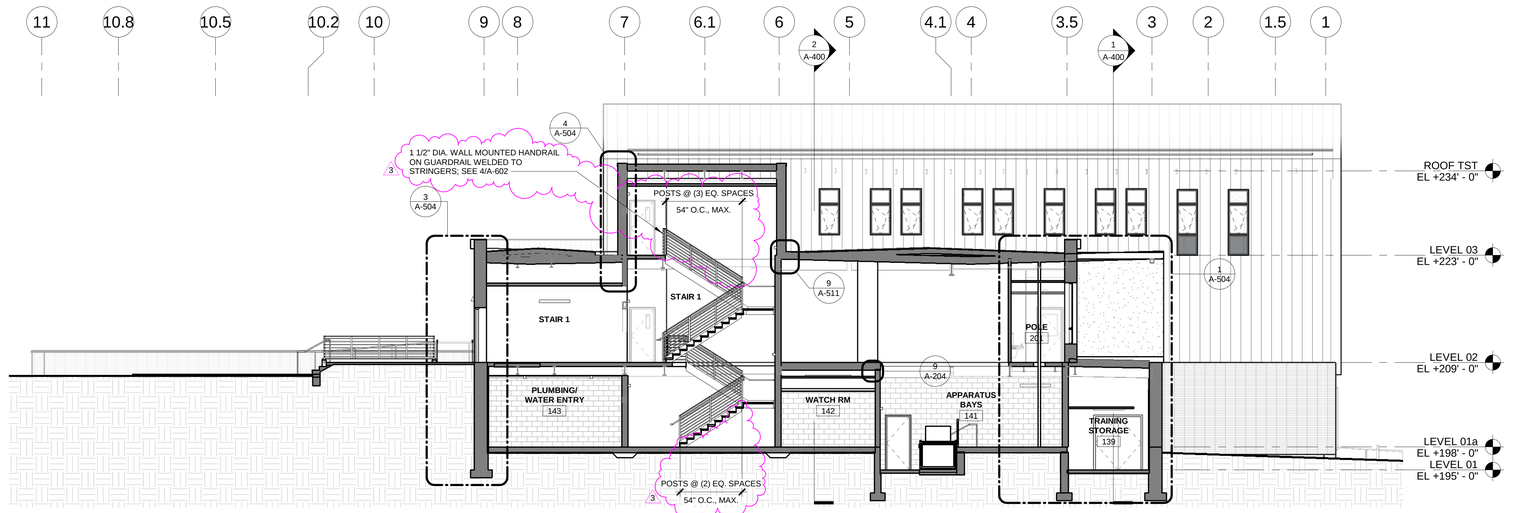
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21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-400



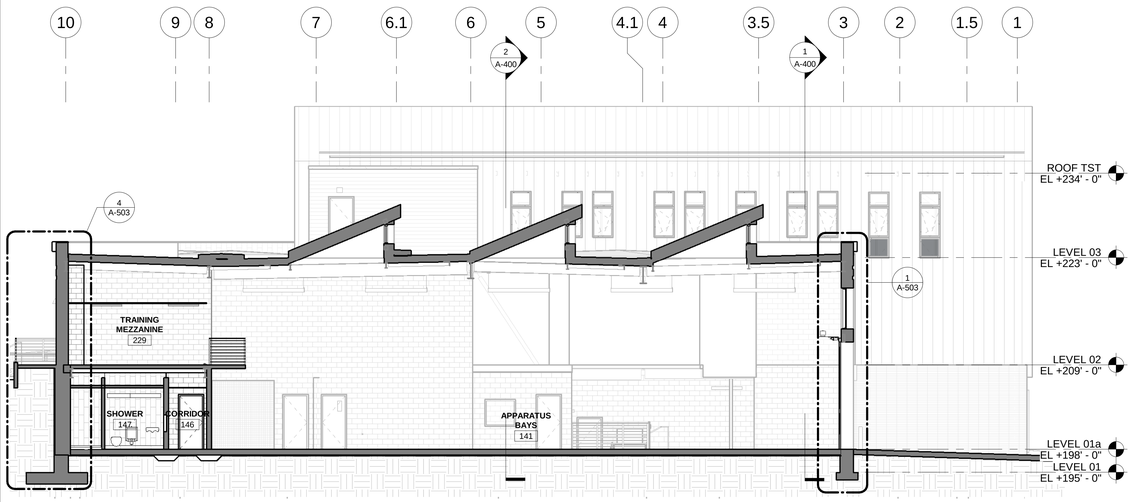
SECTION BUILDING SECTION D 3

1/8" = 1'-0"



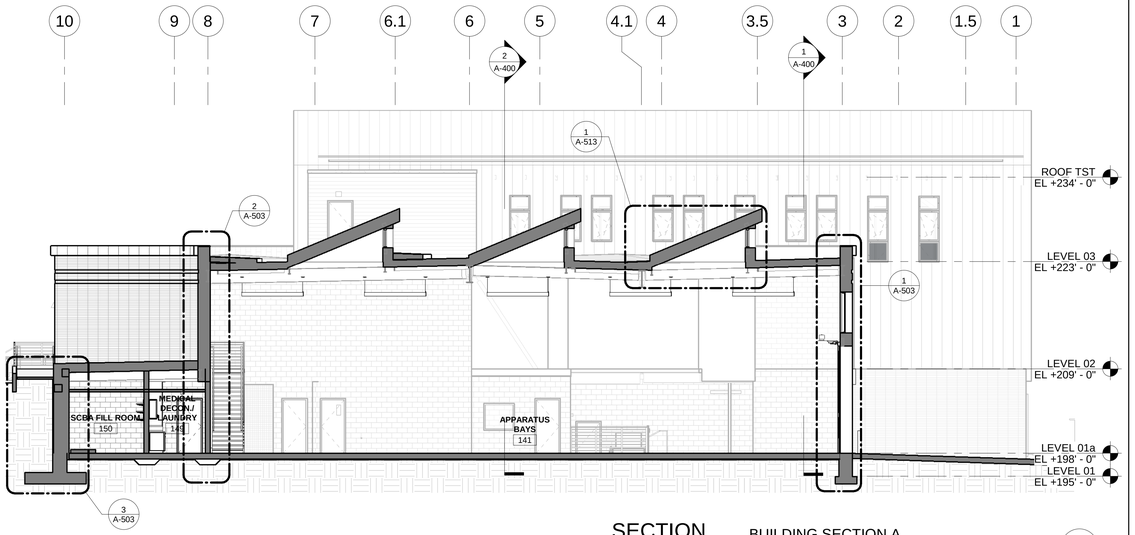
SECTION BUILDING SECTION C 2

1/8" = 1'-0"



SECTION BUILDING SECTION B 7

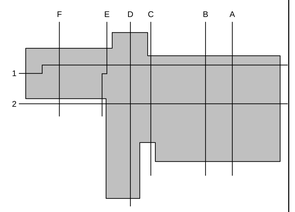
1/8" = 1'-0"



SECTION BUILDING SECTION A 1

1/8" = 1'-0"

KEY PLAN



SHEET NOTES

1. REFER TO G-000 SERIES SHEETS FOR TYPICAL PARTITION TYPES, EXTERIOR WALL AND HORIZONTAL ASSEMBLIES.
2. REFER TO CODE REVIEW SHEET FOR FIRE RATING SECTION DIAGRAM FOR HORIZONTAL SEPARATIONS REQUIRED.

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Revision Schedule

Number	Revision	Date
3	ADDENDUM #5	12.07.20

Registrations

Consultants

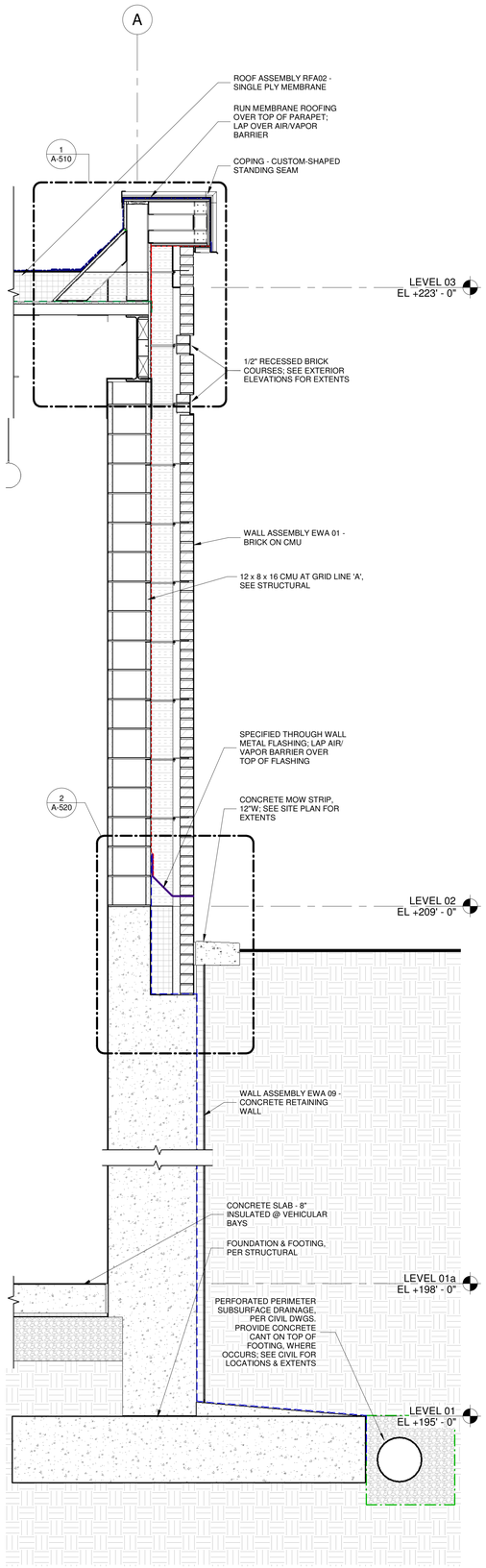
Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
BUILDING SECTIONS

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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

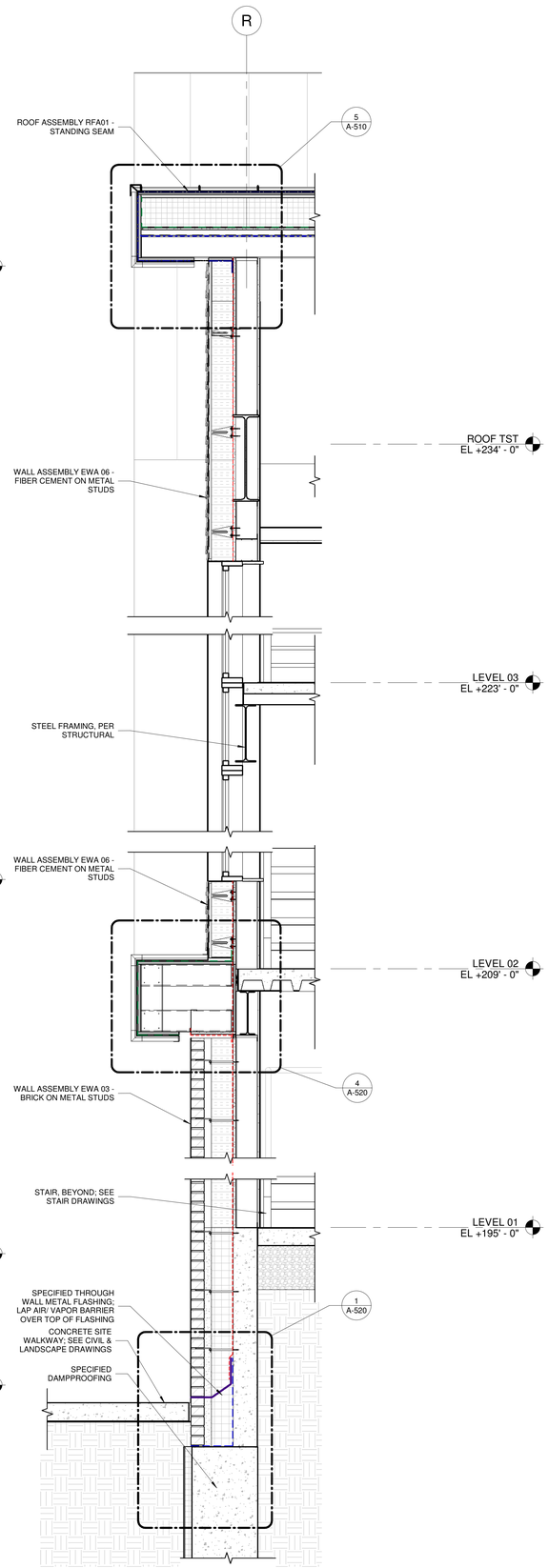
Drawing number
A-401



SECTION WALL SECTION @ GRID A

3/4" = 1'-0"

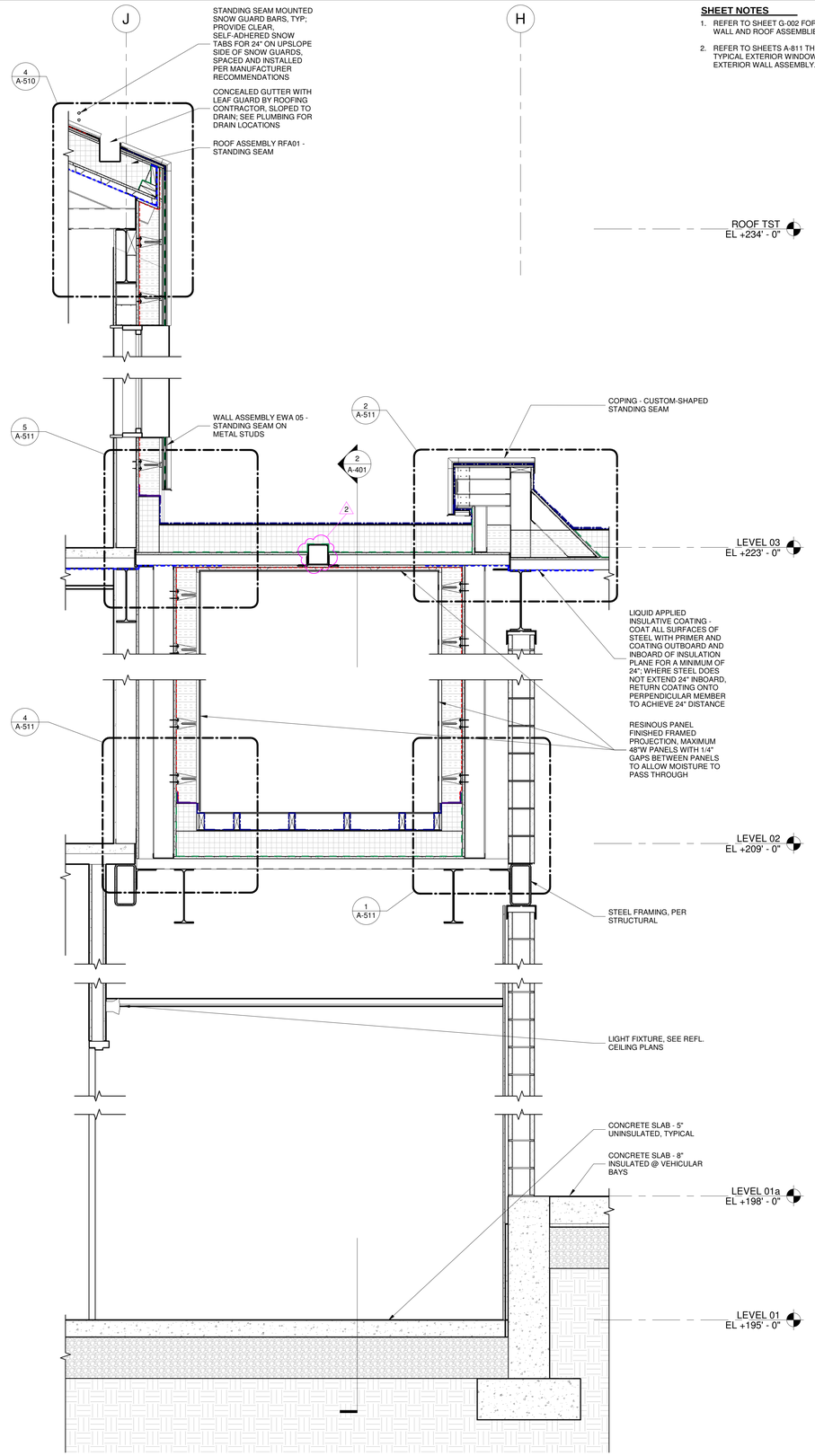
4



SECTION WALL SECTION @ GRID Q

3/4" = 1'-0"

3



SECTION WALL SECTION @ GRID H

3/4" = 1'-0"

1

SHEET NOTES

1. REFER TO SHEET G-002 FOR ALL TYPICAL EXTERIOR WALL AND ROOF ASSEMBLIES.
2. REFER TO SHEETS A-811 THRU A-813 FOR ALL TYPICAL EXTERIOR WINDOW DETAILS, BASED ON EXTERIOR WALL ASSEMBLY.

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

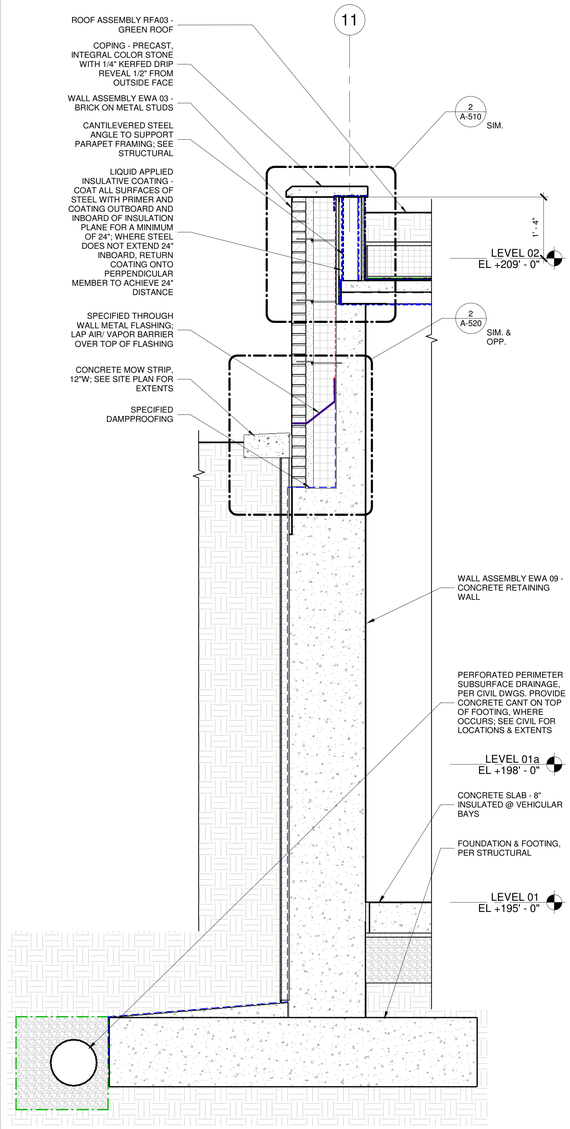
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

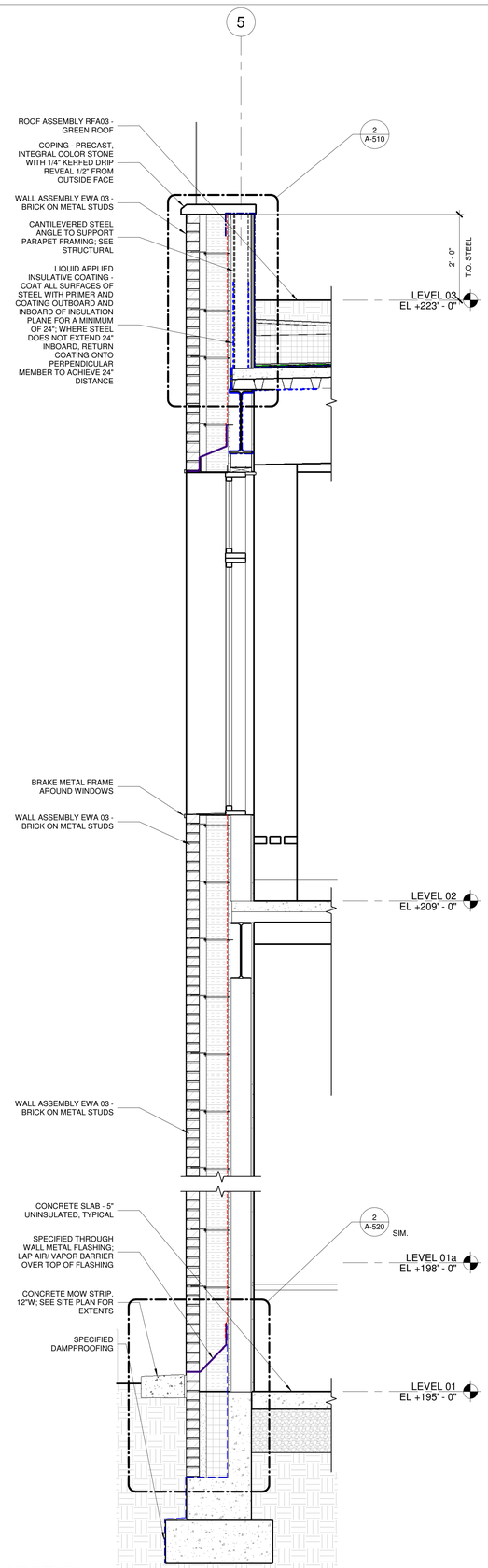
Drawing Title
WALL SECTIONS

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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-500



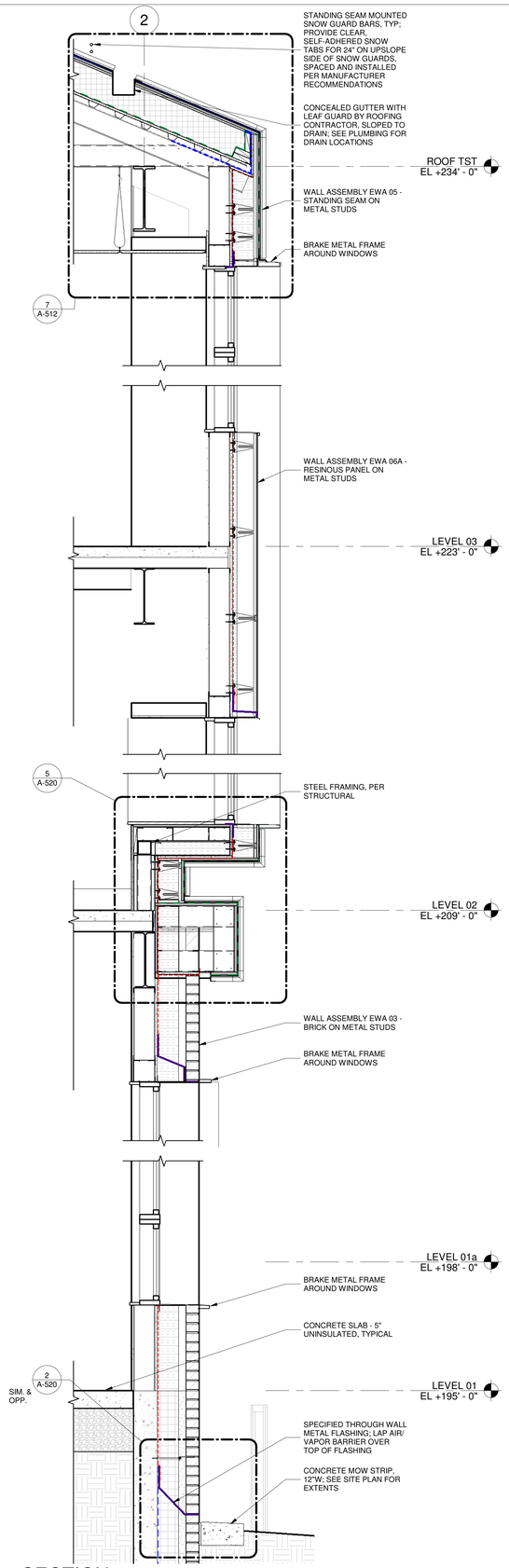
SECTION WALL SECTION @ GRID 11 — 4

3/4" = 1'-0"



SECTION WALL SECTION @ GRID 5 ROOF GARDEN — 3

3/4" = 1'-0"

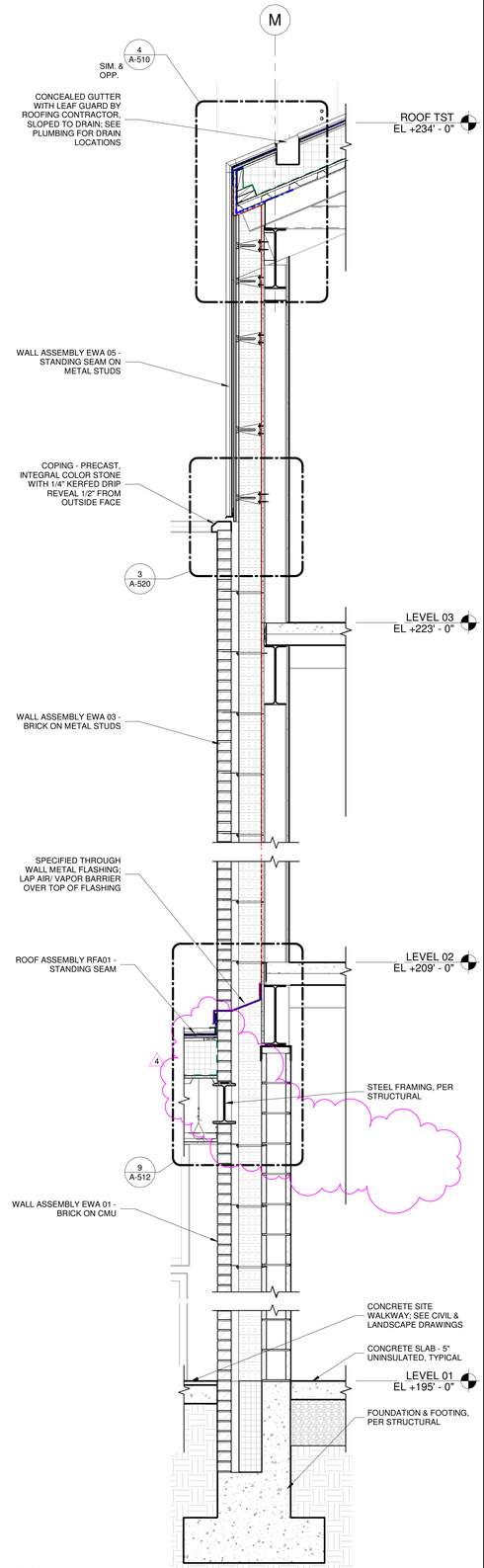


SECTION WALL SECTION @ GRID 2 PROJECTION — 2

3/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET G-002 FOR ALL TYPICAL EXTERIOR WALL AND ROOF ASSEMBLIES.
2. REFER TO SHEETS A-811 THRU A-813 FOR ALL TYPICAL EXTERIOR WINDOW DETAILS, BASED ON EXTERIOR WALL ASSEMBLY.



SECTION WALL SECTION @ GRID M — 1

3/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

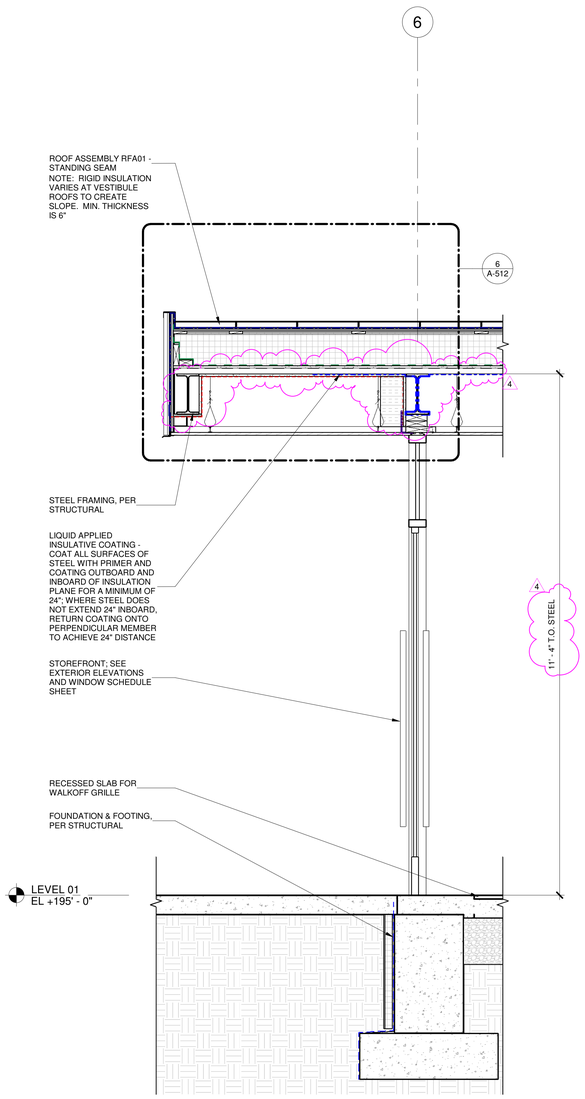
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Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WALL SECTIONS

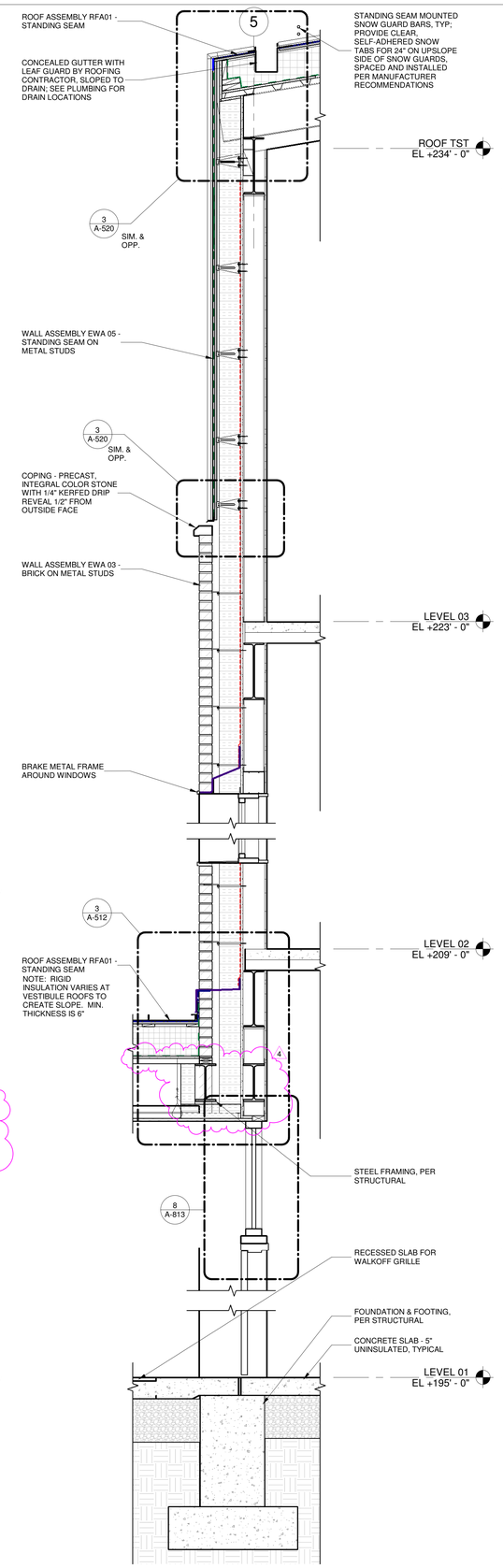
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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-501



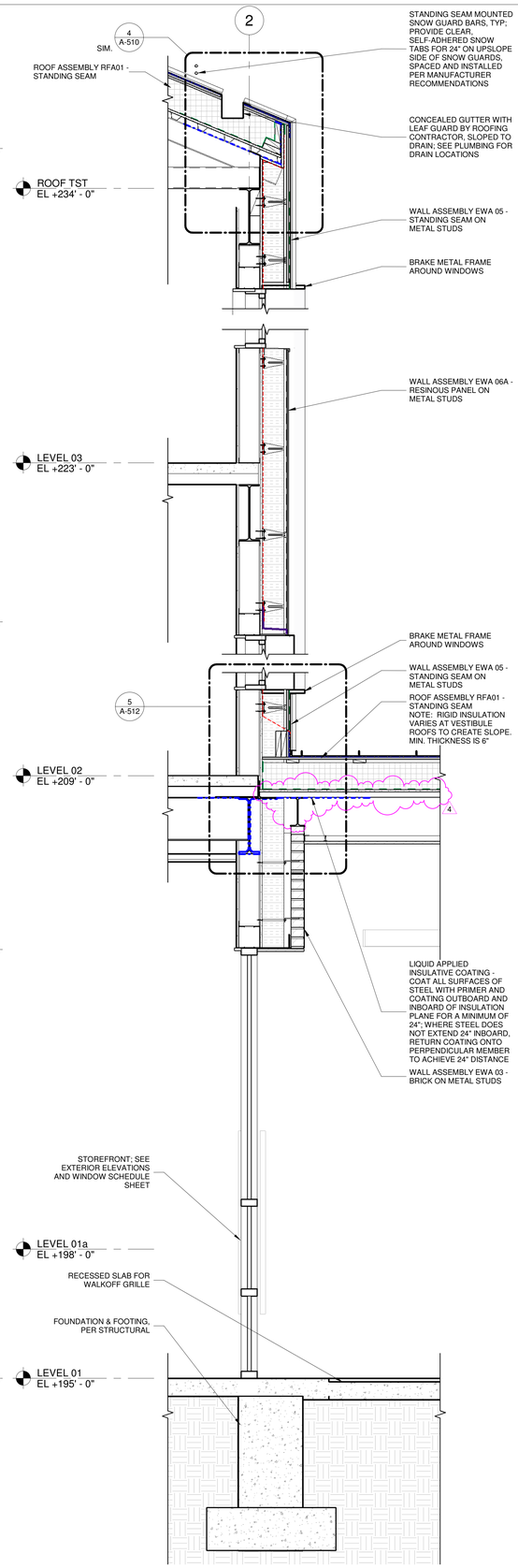
SECTION WALL SECTION @ GRID 6 — 4

3/4" = 1'-0"



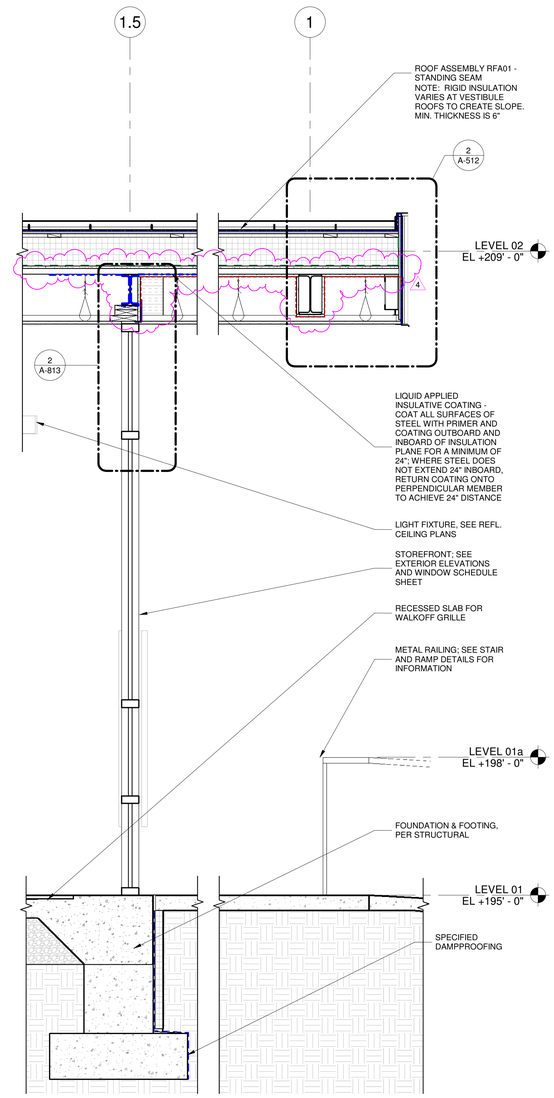
SECTION WALL SECTION @ GRID 5 — 3

3/4" = 1'-0"



SECTION WALL SECTION @ GRID 2 — 2

3/4" = 1'-0"



SECTION WALL SECTION @ GRID 1 — 1

3/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

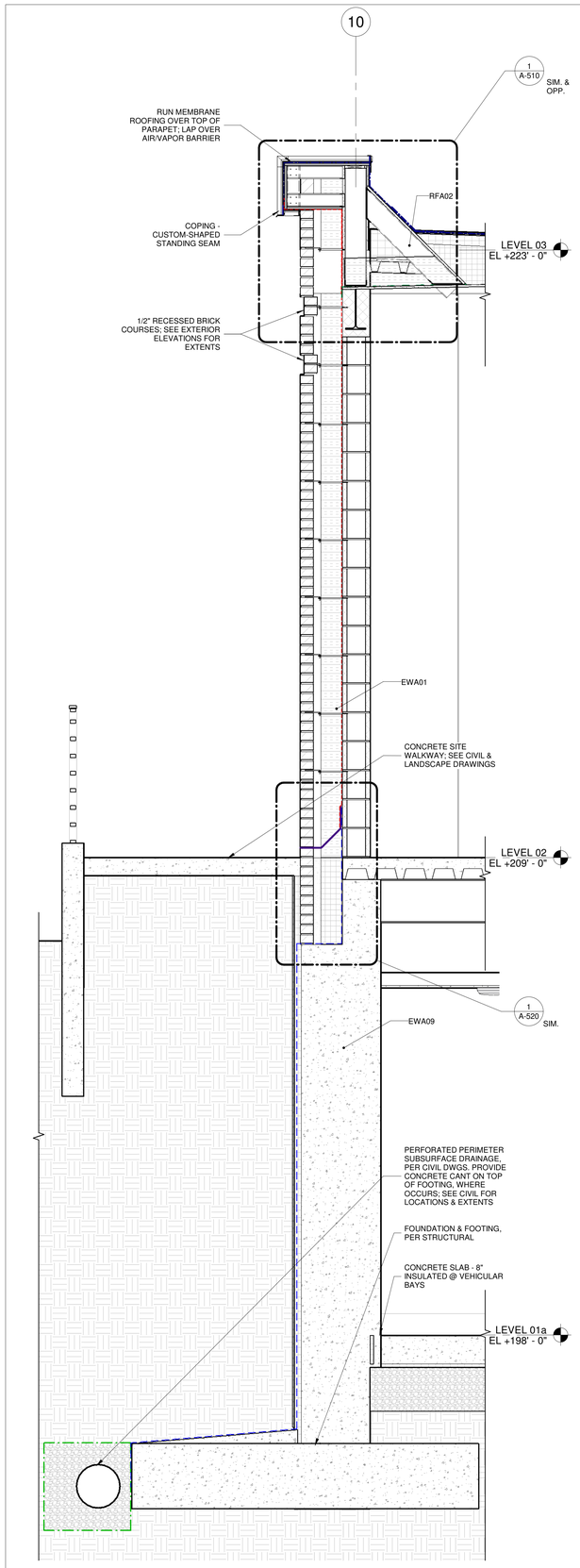
Registrations

Consultants

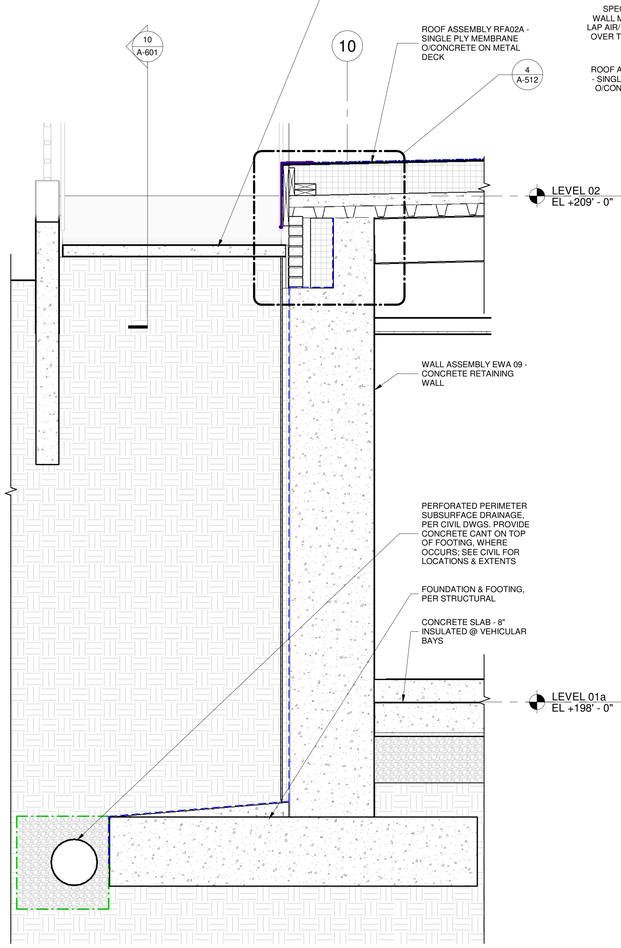
Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WALL SECTIONS

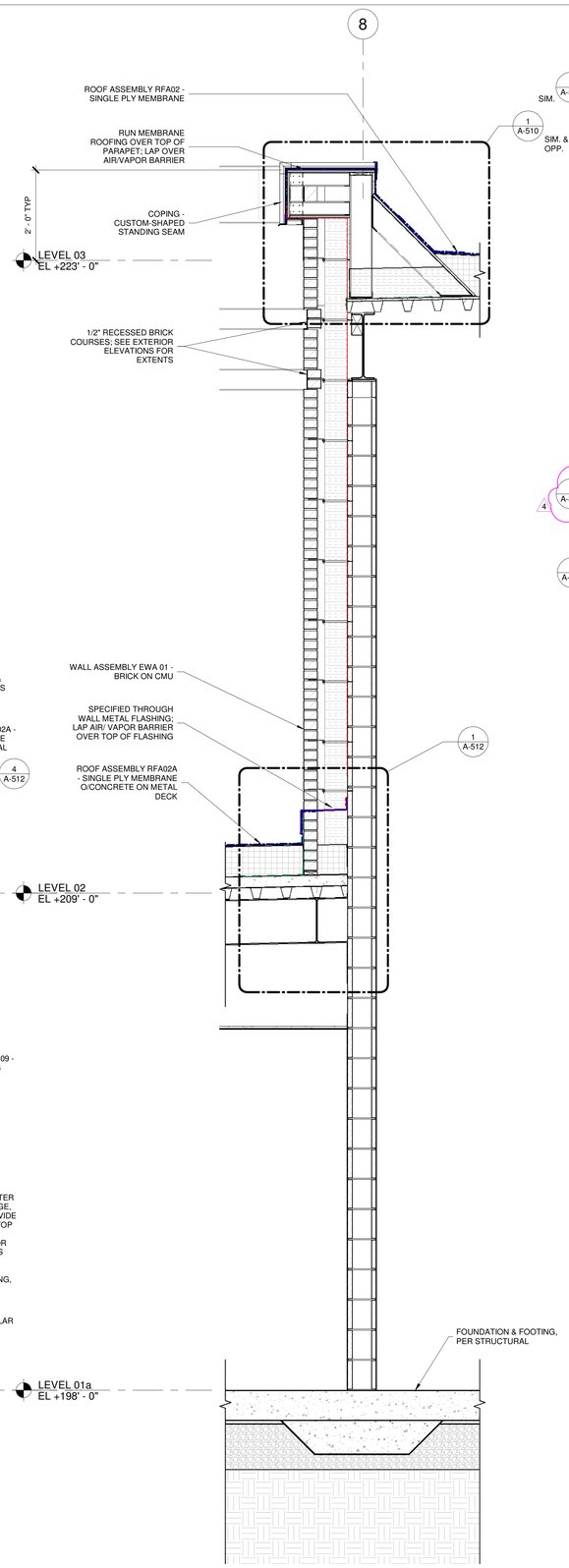
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21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-502



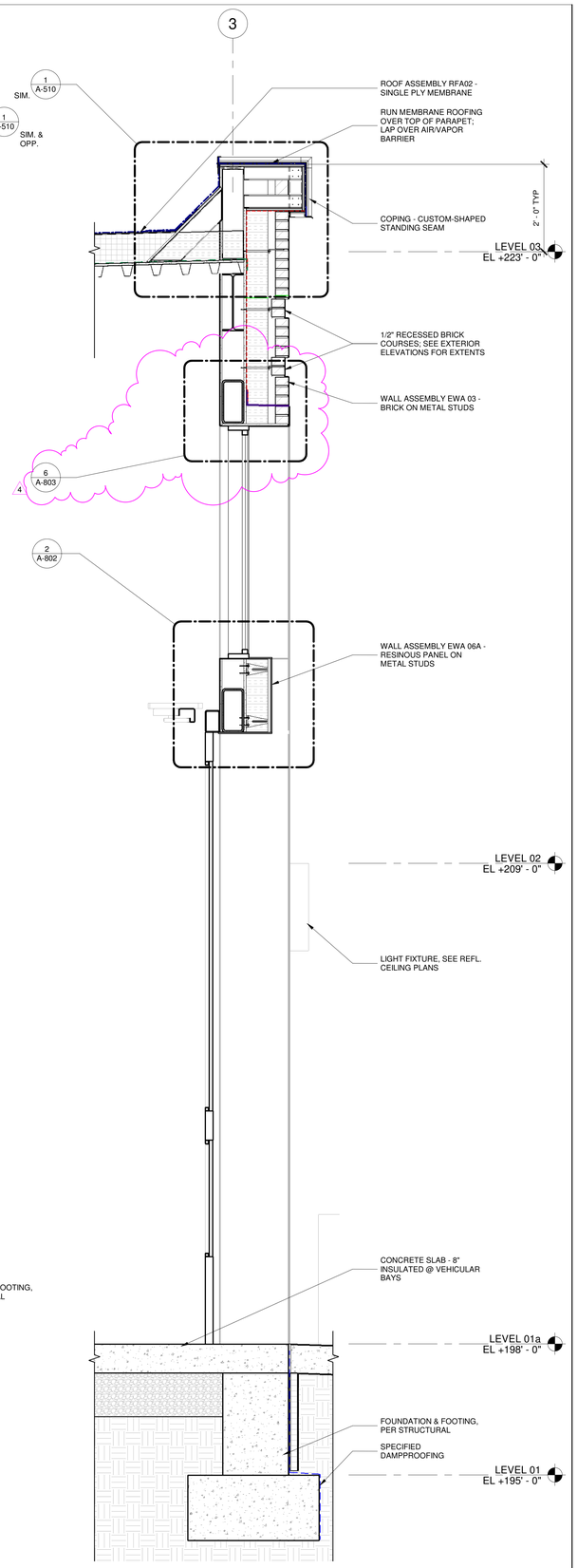
SECTION WALL SECTION @ GRID 10 — 4
3/4" = 1'-0"



SECTION WALL SECTION @ GRID 10 RETAINING WALL — 3
3/4" = 1'-0"



SECTION WALL SECTION @ GRID 8 — 2
3/4" = 1'-0"



SECTION WALL SECTION @ GRID 3 — 1
3/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

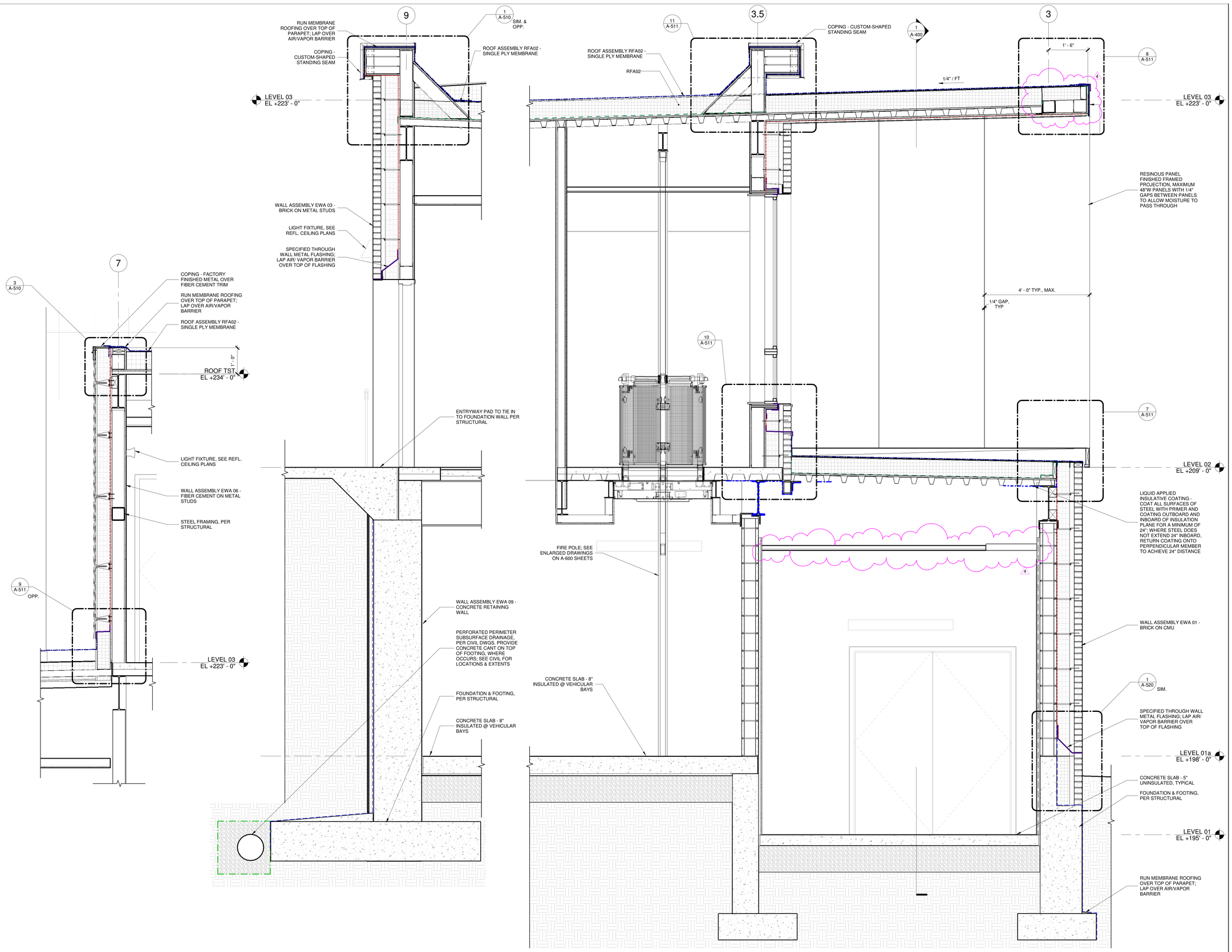
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WALL SECTIONS

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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-503



SECTION WALL SECTION @ GRID 7 — 4
3/4" = 1'-0"

SECTION WALL SECTION @ GRID 9 — 3
3/4" = 1'-0"

SECTION WALL SECTION @ GRID 3.5 — 1
3/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

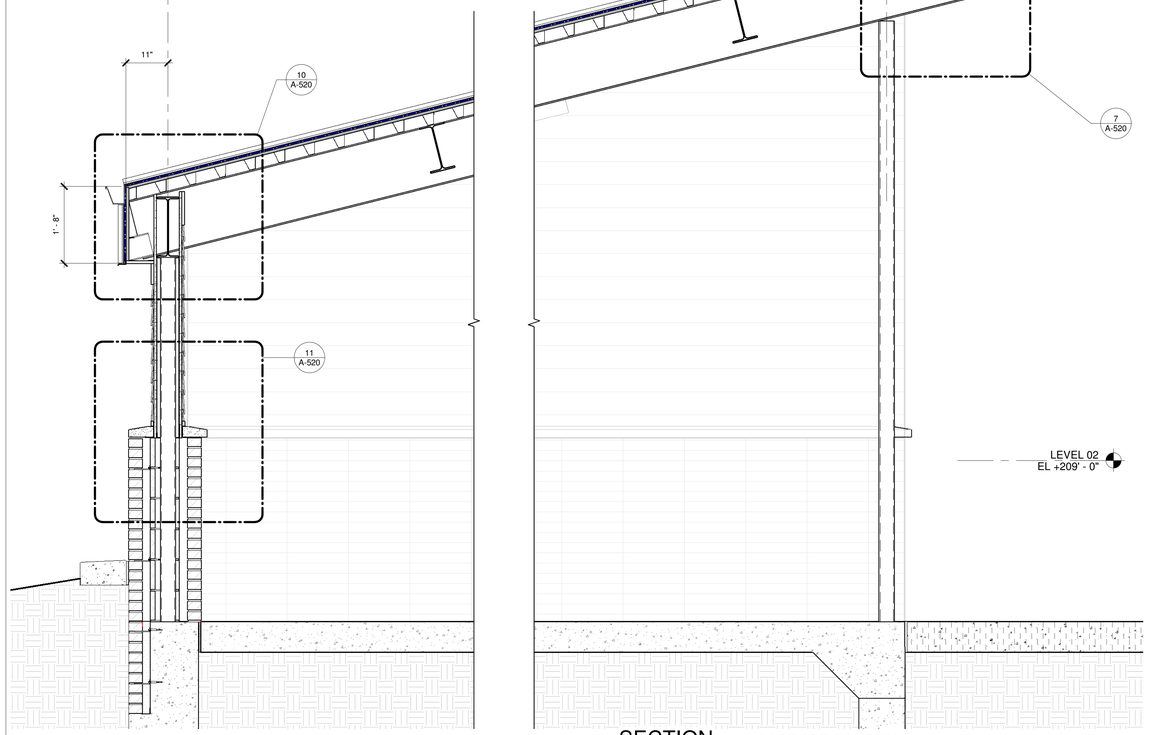
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

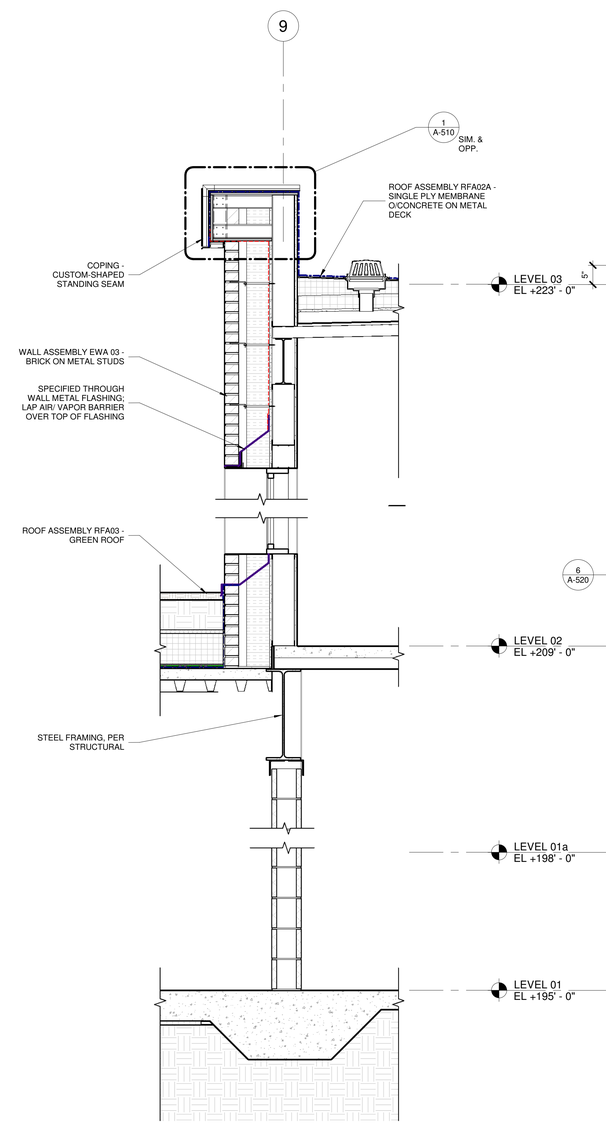
Drawing Title
WALL SECTIONS

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PJC Checked by
Date
OCTOBER 23, 2020
Job number
21917
Drawing set
CONSTRUCTION DOCUMENTS
Drawing number
A-504



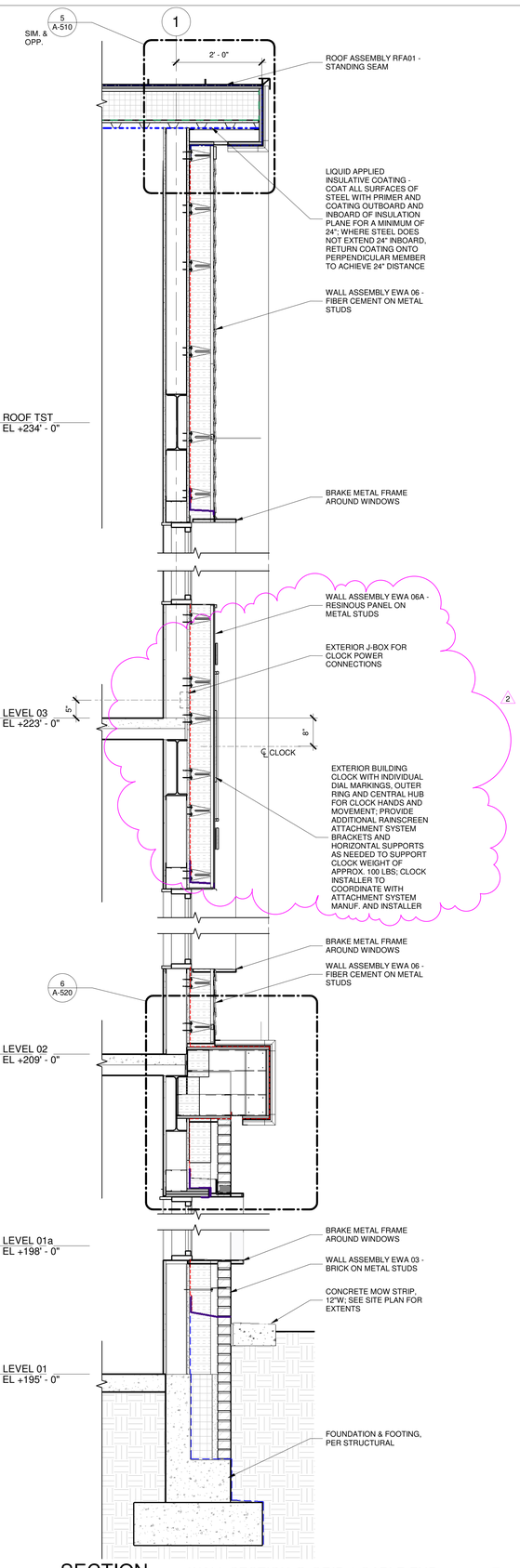
SECTION CARPORT SECTION 3

3/4" = 1'-0"



SECTION WALL SECTION @ GRID 9 ROOF GARDEN 2

3/4" = 1'-0"



SECTION WALL SECTION @ GRID 1 GABLE END 1

3/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

Registrations

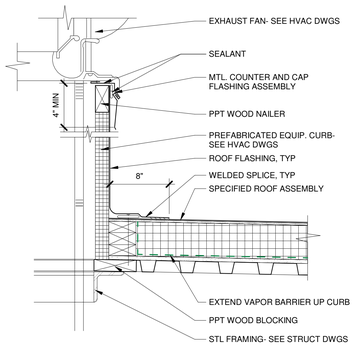
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WALL SECTIONS

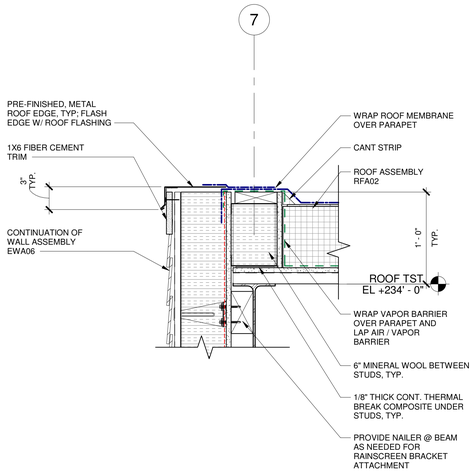
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21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-505



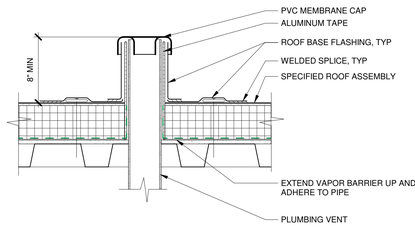
DET. ROOF CURB @ EXHAUST FAN 9

1 1/2" = 1'-0"



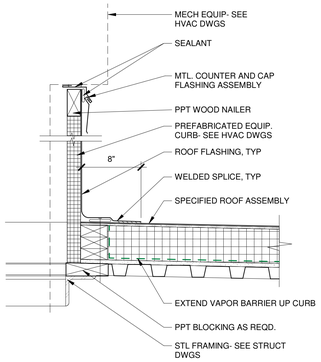
DET. COPING @ FIBER CEMENT TRIM 3

1 1/2" = 1'-0"



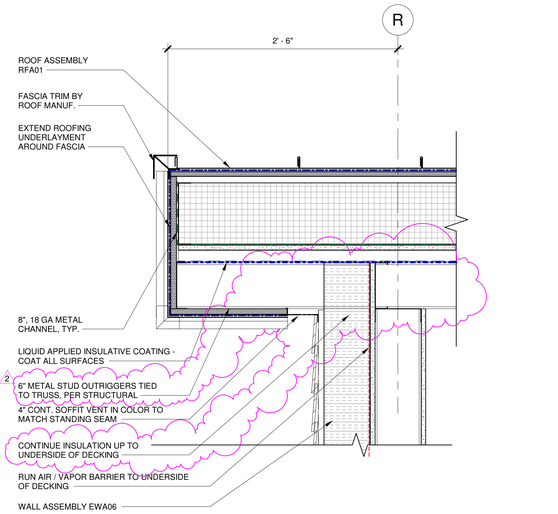
DET. ROOF VENT PIPE 11

1 1/2" = 1'-0"



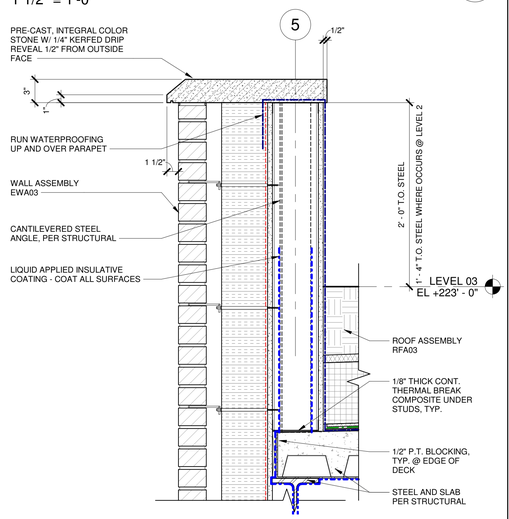
DET. ROOF CURB @ RTU 8

1 1/2" = 1'-0"



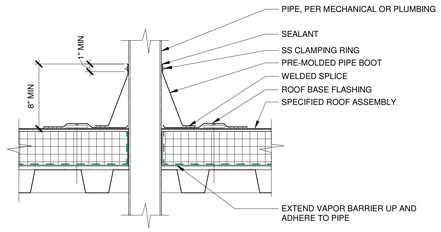
DET. ROOF @ STANDING SEAM GABLE FASCIA 5

1 1/2" = 1'-0"



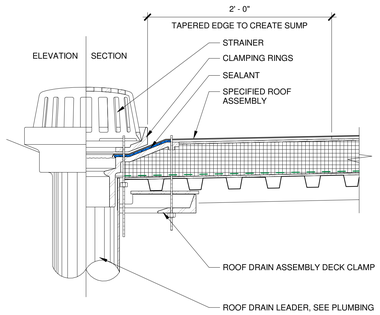
DET. COPING - PRE-CAST STONE 2

1 1/2" = 1'-0"



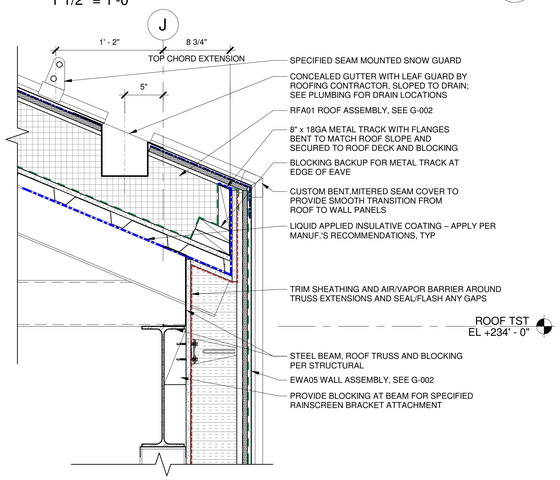
DET. ROOF PIPE PENETRATION 10

1 1/2" = 1'-0"



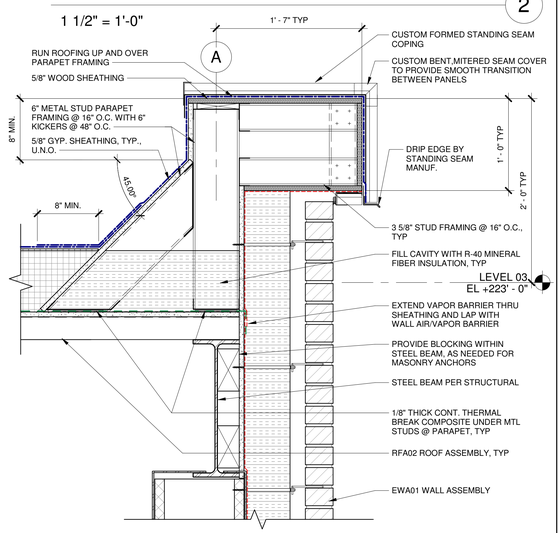
DET. ROOF DRAIN, TYP 7

1 1/2" = 1'-0"



DET. ROOF @ STANDING SEAM EAVE & GUTTER 4

1 1/2" = 1'-0"



DET. COPING - STANDING SEAM 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20

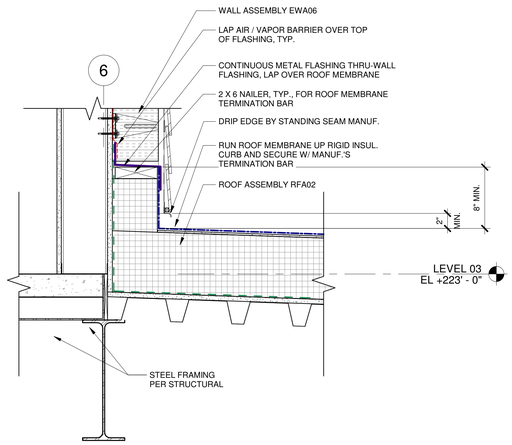
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

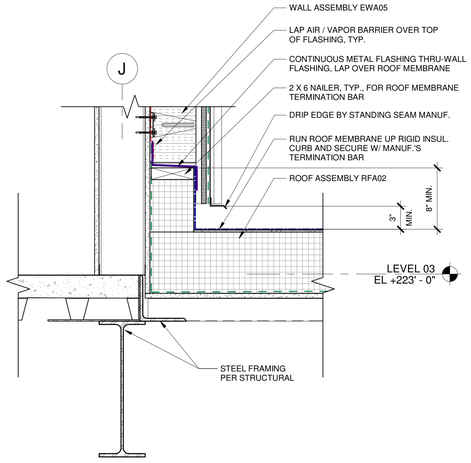
Drawing Title
ROOF DETAILS

PJC Drawn by
PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-510



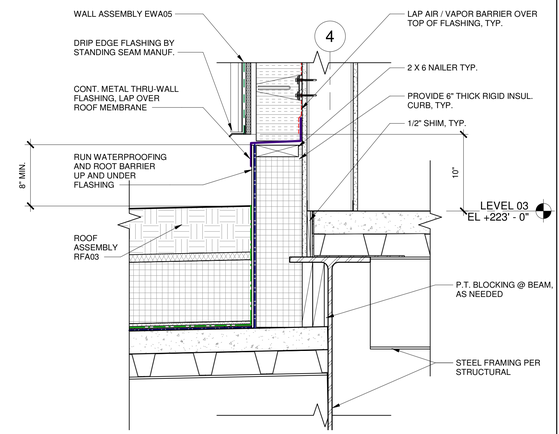
DET. ROOF @ FIBER CEMENT 9

1 1/2" = 1'-0"



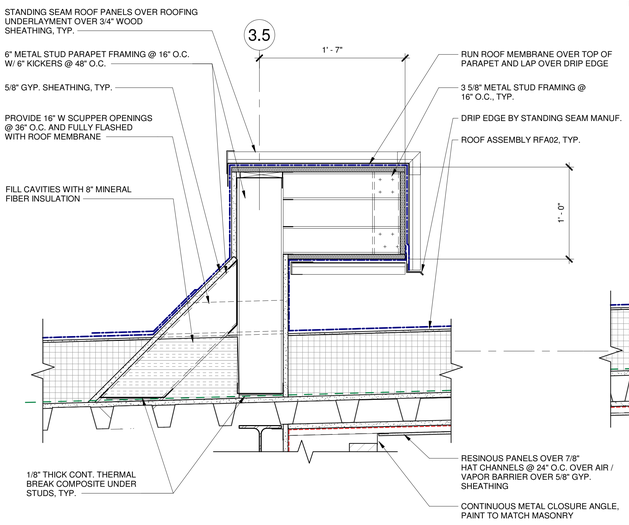
DET. ROOF @ STANDING SEAM 6

1 1/2" = 1'-0"



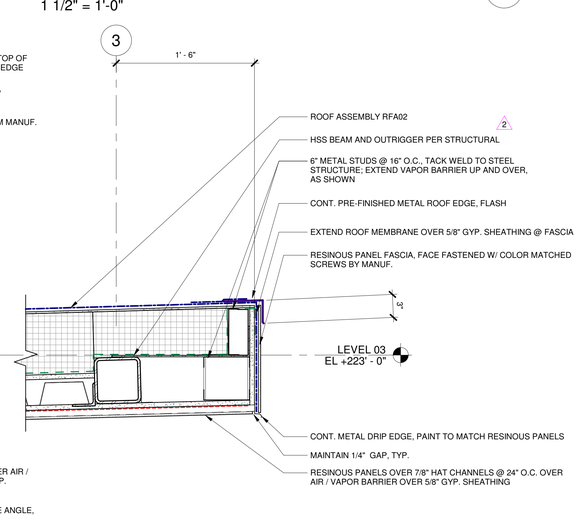
DET. ROOF GARDEN @ STANDING SEAM 3

1 1/2" = 1'-0"



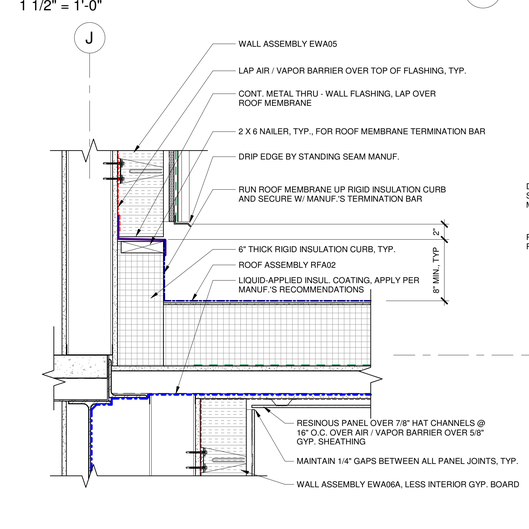
DET. PROJECTION @ TOP HEAD WALL 11

1 1/2" = 1'-0"



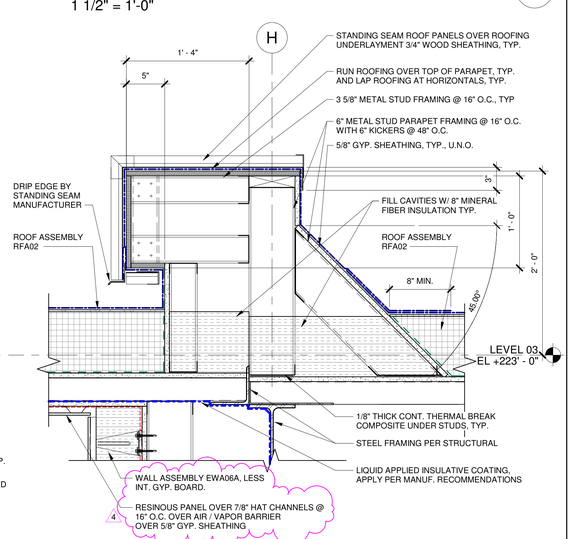
DET. PROJECTION @ TOP FASCIA 8

1 1/2" = 1'-0"



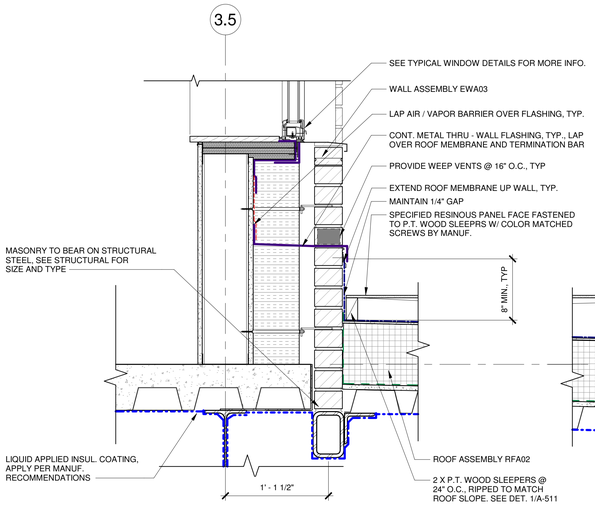
DET. PROJECTION @ TOP WEST 5

1 1/2" = 1'-0"



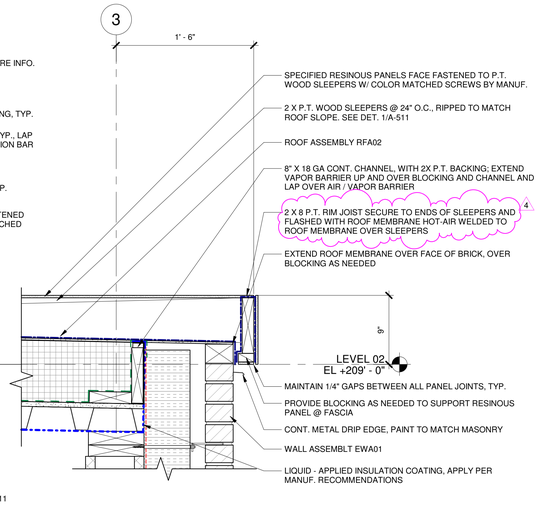
DET. PROJECTION @ TOP EAST 2

1 1/2" = 1'-0"



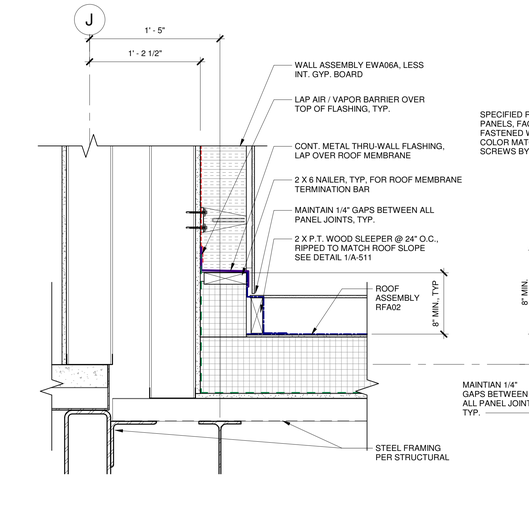
DET. PROJECTION @ BASE HEAD WALL 10

1 1/2" = 1'-0"



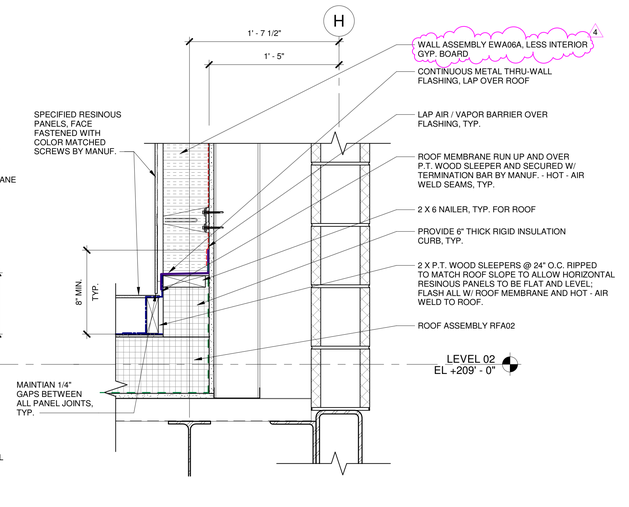
DET. PROJECTION @ BASE FASCIA 7

1 1/2" = 1'-0"



DET. PROJECTION @ BASE WEST 4

1 1/2" = 1'-0"



DET. PROJECTION @ BASE EAST 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

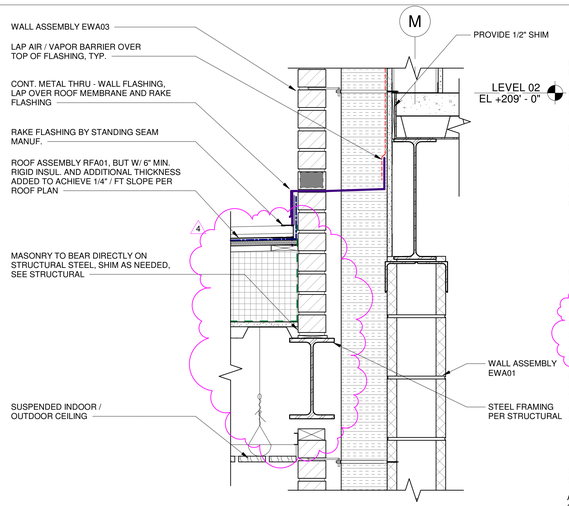
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ROOF DETAILS

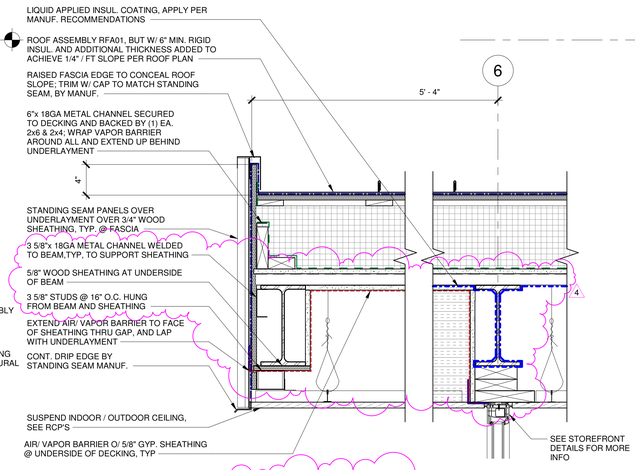
PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-511



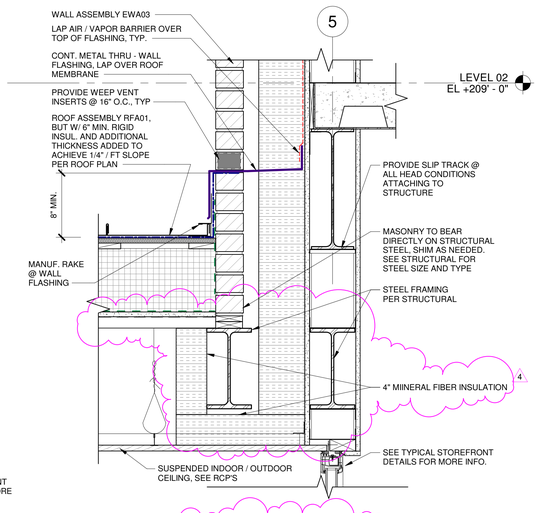
DET. SOUTH ENTRY @ RAKE 9

1 1/2" = 1'-0"



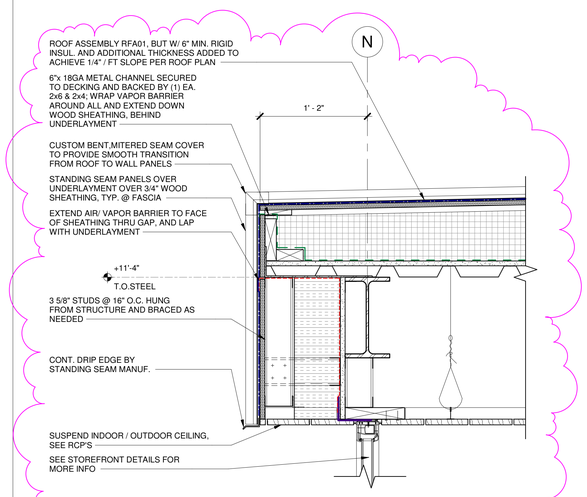
DET. VESTIBULE 115 @ FASCIA 6

1 1/2" = 1'-0"



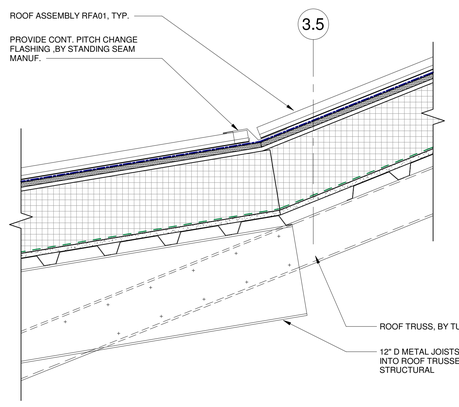
DET. VESTIBULE 115 @ HEAD WALL 3

1 1/2" = 1'-0"



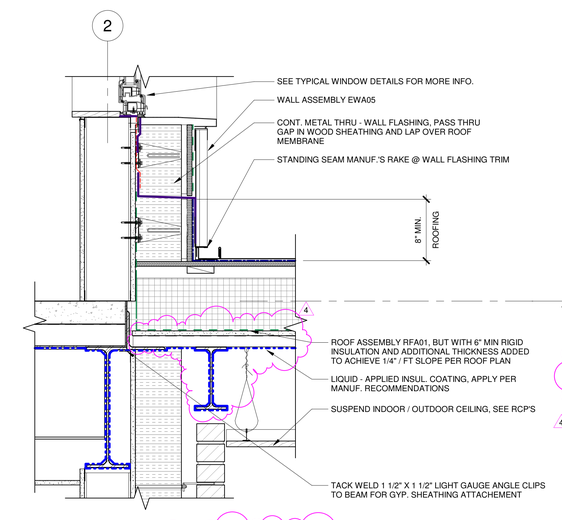
DET. ROOF FASCIA @ VESTIBULE 115 11

1 1/2" = 1'-0"



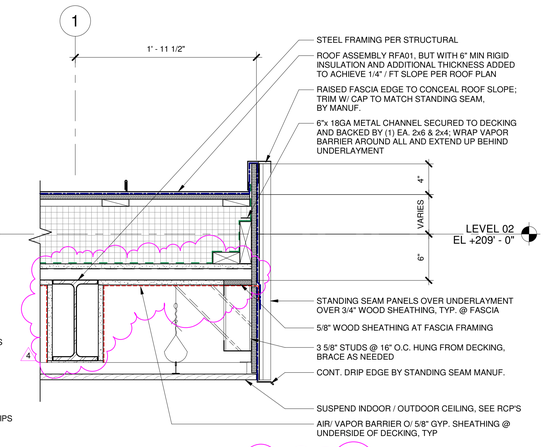
DET. ROOF SLOPE TRANSITION 8

1 1/2" = 1'-0"



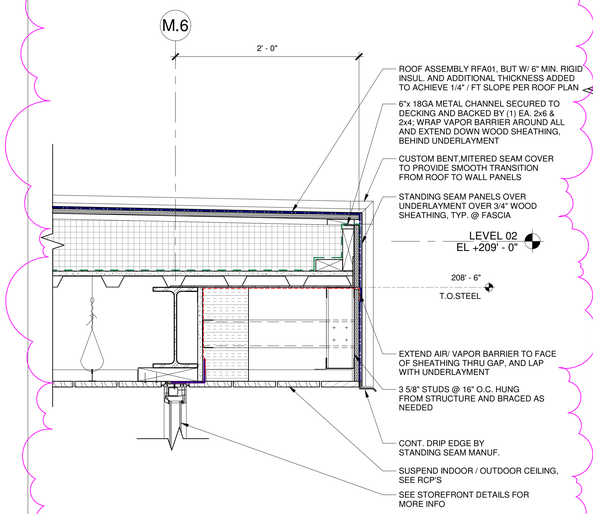
DET. VESTIBULE 100 @ HEAD WALL 5

1 1/2" = 1'-0"



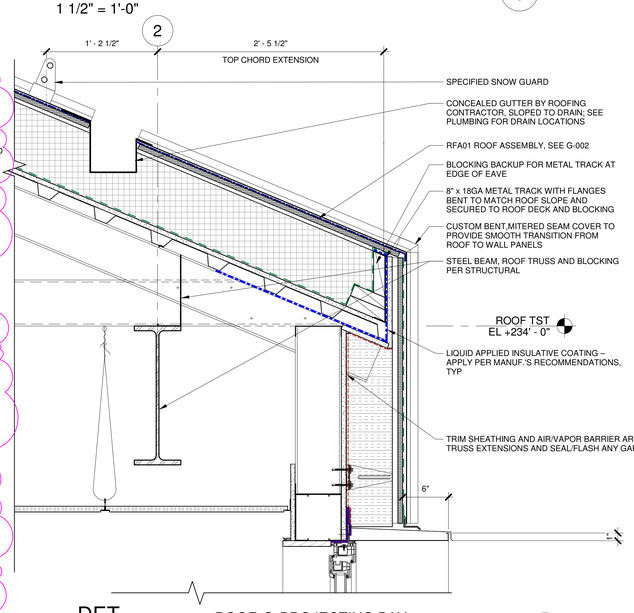
DET. VESTIBULE 100 @ FASCIA 2

1 1/2" = 1'-0"



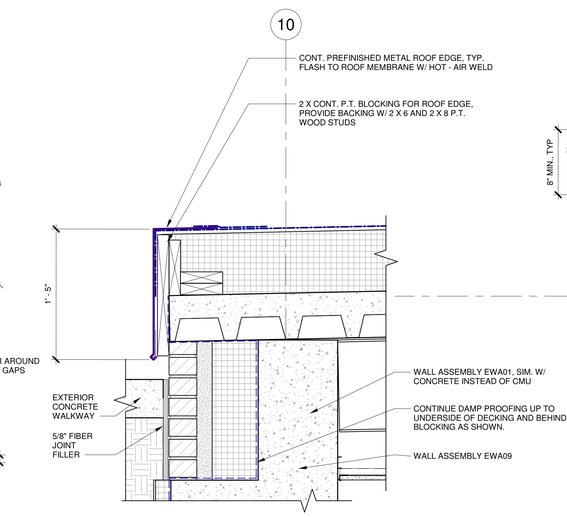
DET. ROOF FASCIA @ VESTIBULE 100 10

1 1/2" = 1'-0"



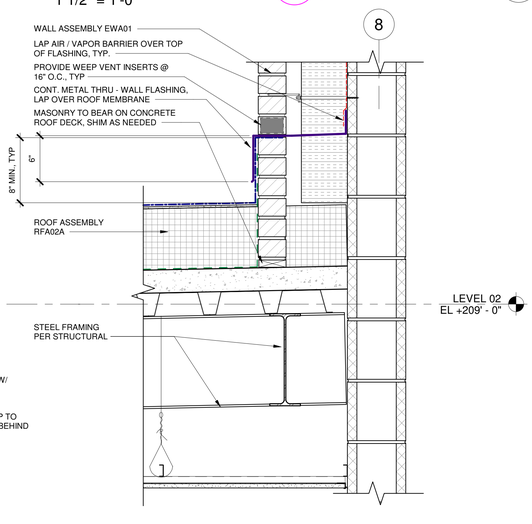
DET. ROOF @ PROJECTING BAY 7

1 1/2" = 1'-0"



DET. LOW ROOF @ FASCIA 4

1 1/2" = 1'-0"



DET. LOW ROOF @ HEAD WALL 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

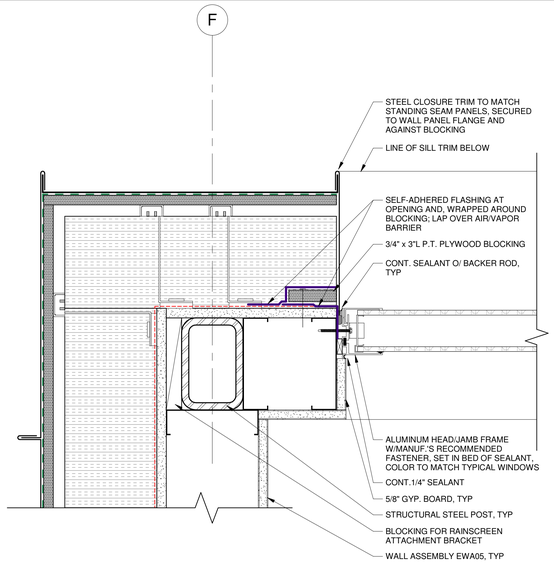
Consultants

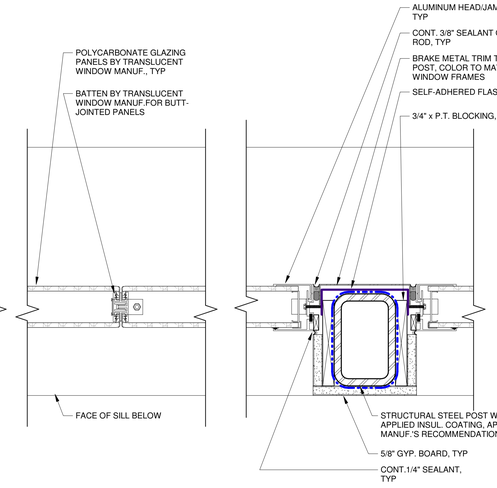
Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ROOF DETAILS

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

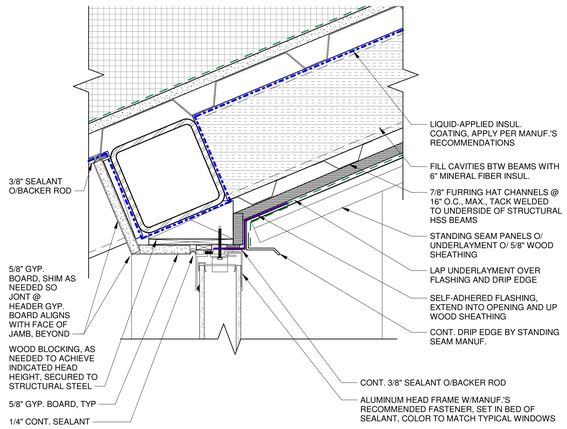
Drawing number
A-512





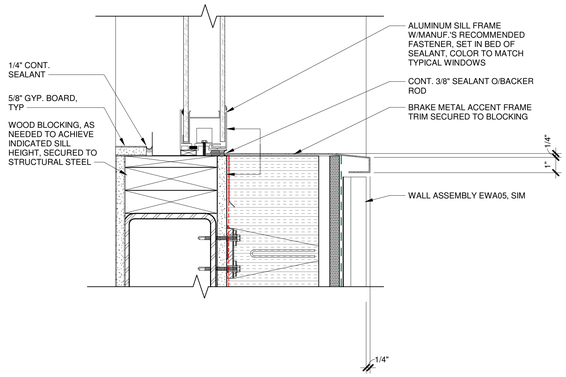
DET. TRANSLUCENT WINDOW JAMBS 9

3" = 1'-0"



DET. TRANSLUCENT WINDOW @ HEAD 6

3" = 1'-0"



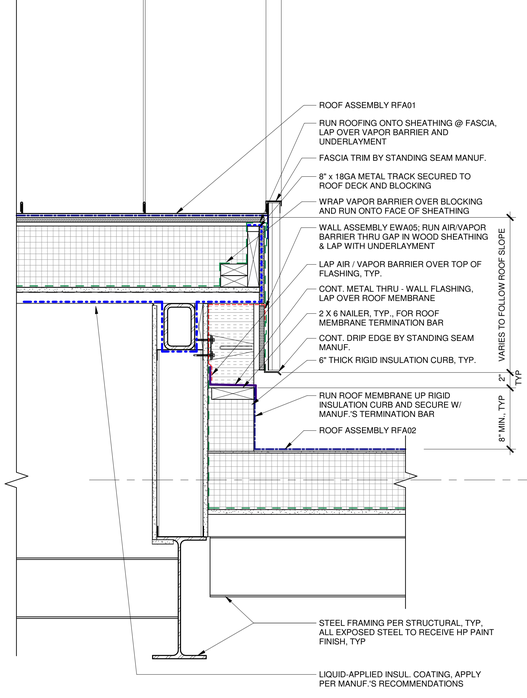
DET. TRANSLUCENT WINDOW SILL 3

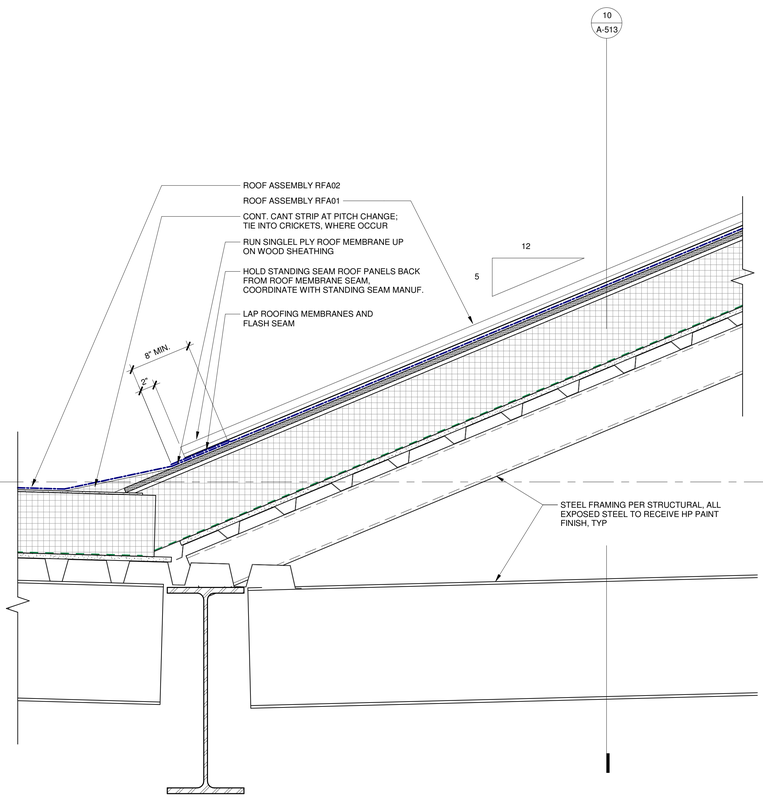
3" = 1'-0"

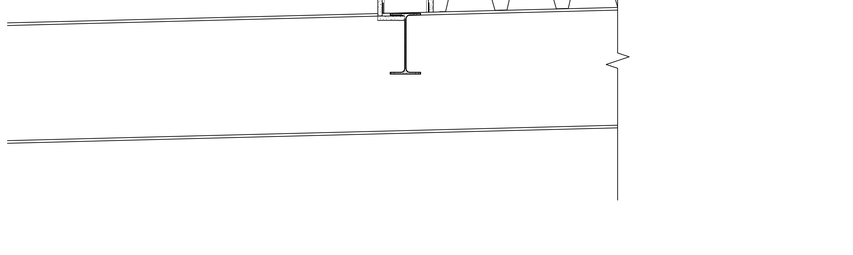
B

4.1

4







DET. SKYLIGHT END WALL, TYP. 10

1 1/2" = 1'-0"

DET. SKYLIGHT DETAIL, TYP. 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date

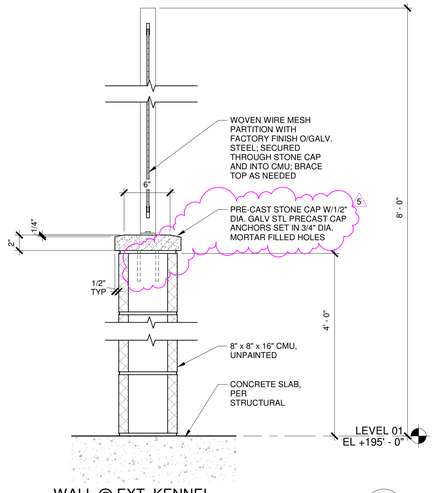
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

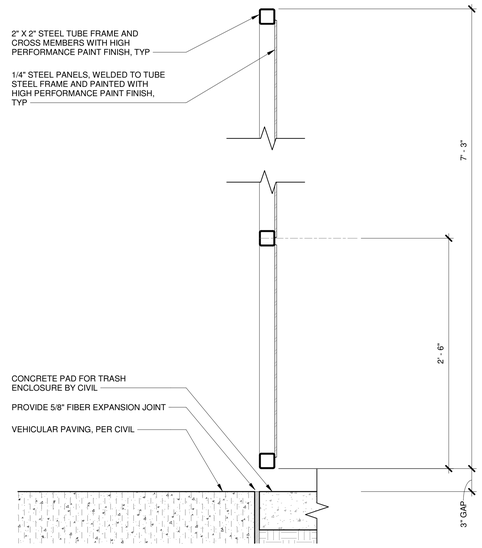
Drawing Title
SKYLIGHT DETAILS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-513



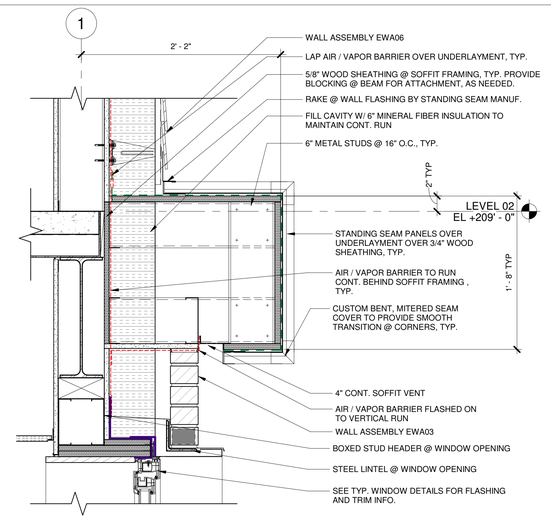
DET. WALL @ EXT. KENNEL 12

1 1/2" = 1'-0"



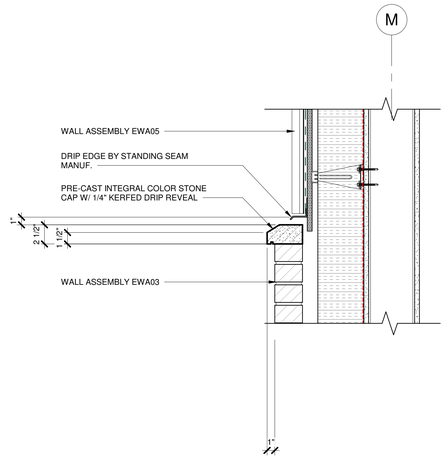
DET. TRASH ENCLOSURE-GATE DETAIL 9

1 1/2" = 1'-0"



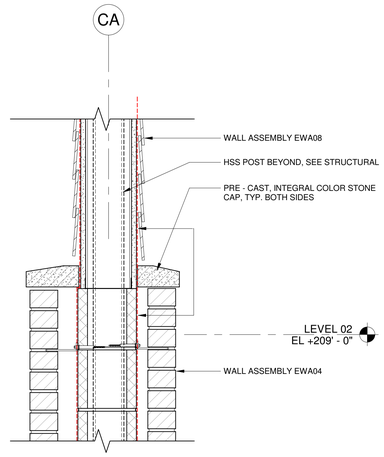
DET. EYEBROW @ TRAINING ROOM 6

1 1/2" = 1'-0"



DET. BRICK TRANSITION TO STANDING SEAM 3

1 1/2" = 1'-0"

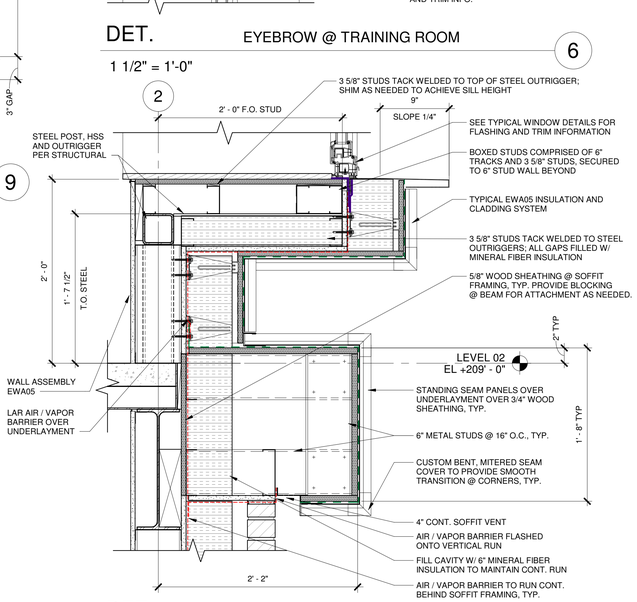


DET. CARPORT WALL TRANSITION 11

1 1/2" = 1'-0"

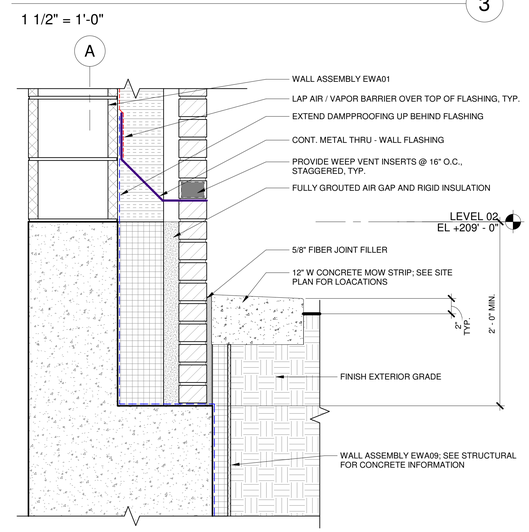
DET. TRASH ENCLOSURE-WALL CAP 8

1 1/2" = 1'-0"



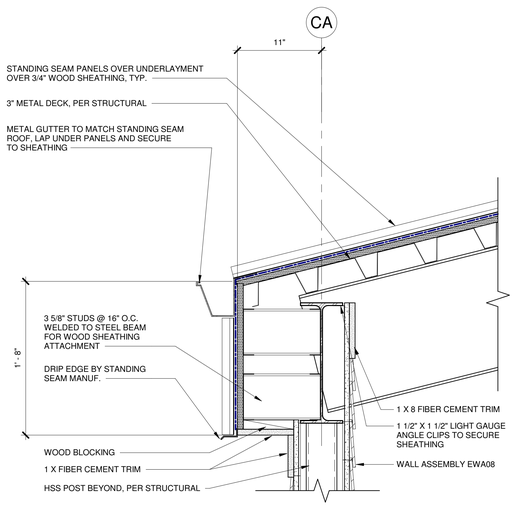
DET. EYEBROW @ PROJECTING BAY 5

1 1/2" = 1'-0"



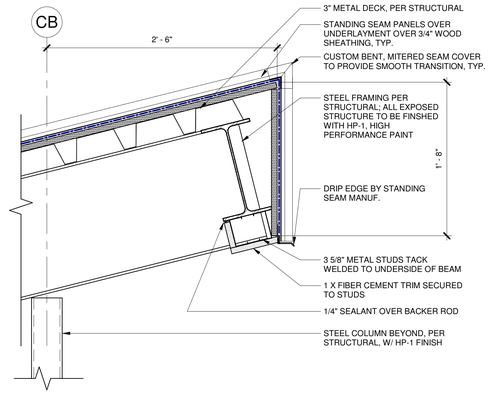
DET. BRICK SHELF @ MOW STRIP 2

1 1/2" = 1'-0"



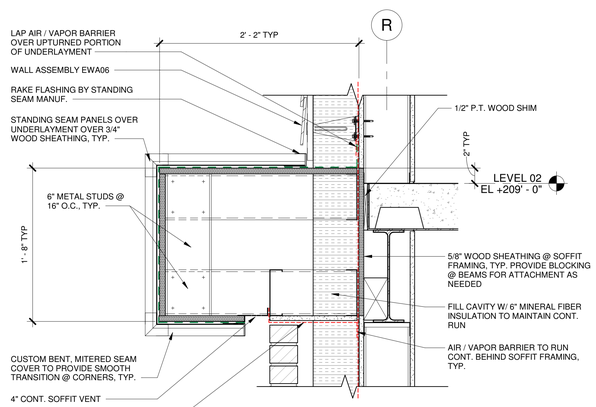
DET. CARPORT LOWER EAVE 10

1 1/2" = 1'-0"



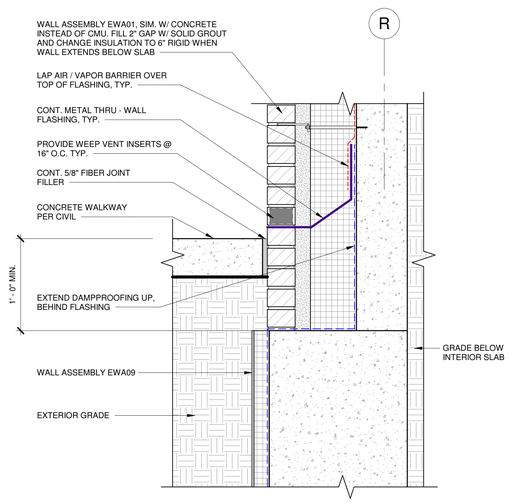
DET. CARPORT UPPER EAVE 7

1 1/2" = 1'-0"



DET. EYEBROW @ STAIR 2 4

1 1/2" = 1'-0"



DET. BRICK SHELF @ WALKWAY 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20
5	ADDEDUM #8	12.18.20

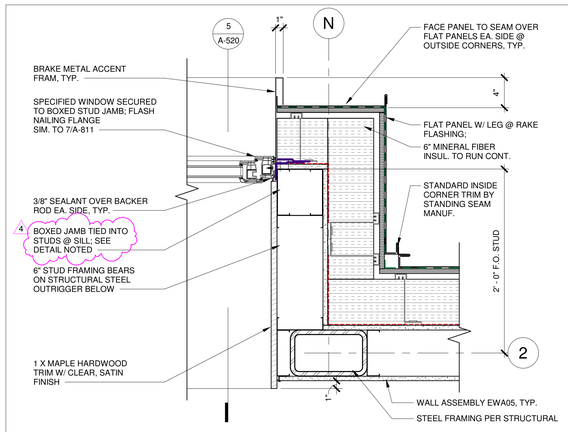
Registrations

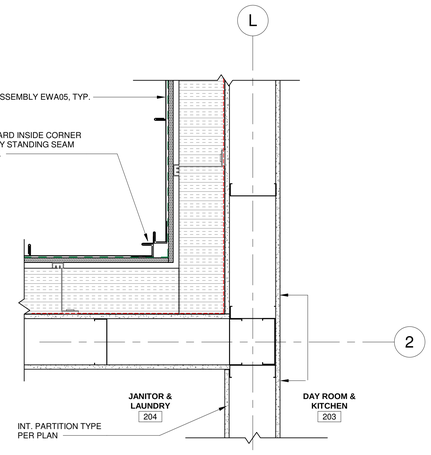
Consultants

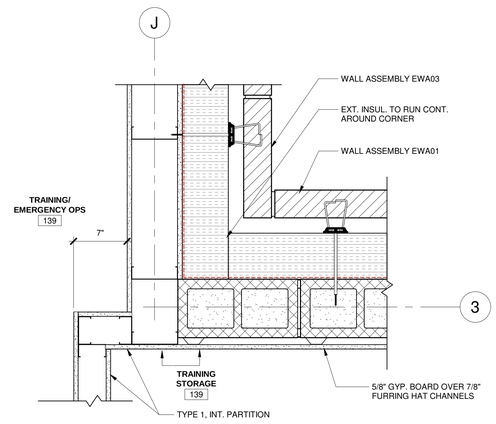
Project
ASHLAND PUBLIC SAFETY BUILDING
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TOWN OF ASHLAND

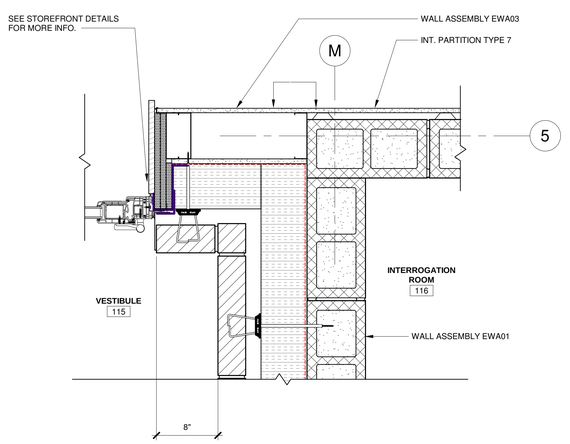
Drawing Title
SECTION DETAILS

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-520



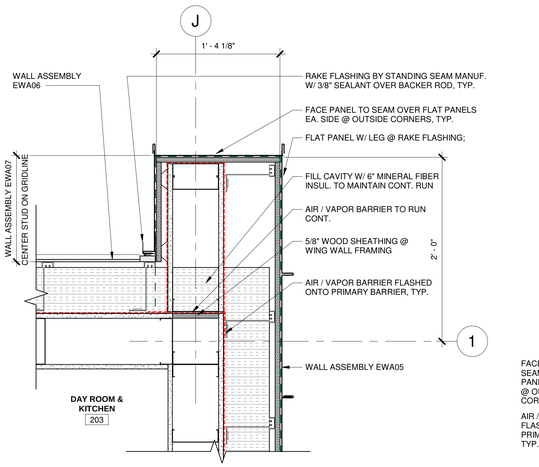






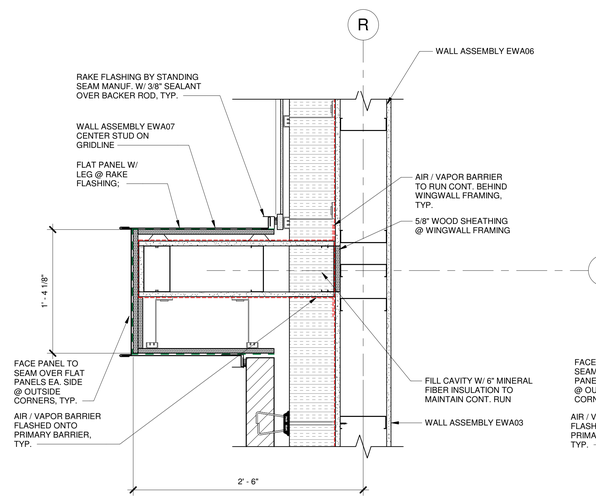
DET. PROJECTING BAY LEVEL 2 — 12

1 1/2" = 1'-0"



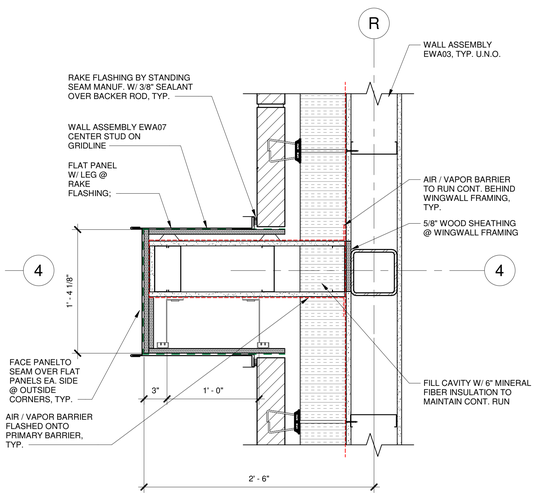
DET. STANDING SEAM INSIDE CORNER, TYP — 9

1 1/2" = 1'-0"



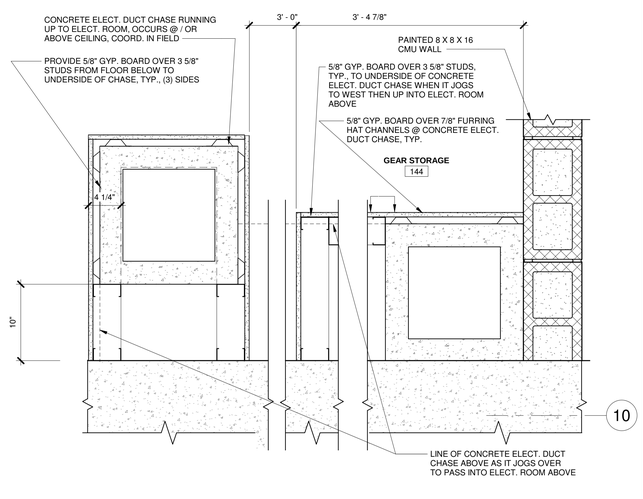
DET. METAL STUD @ CMU LEVEL 1 — 6

1 1/2" = 1'-0"



DET. METAL STUDS TO CMU LEVEL 1 — 3

1 1/2" = 1'-0"



DET. WING WALL @ LEVEL 2 — 11

1 1/2" = 1'-0"

DET. WING WALL LEVEL 2 — 8

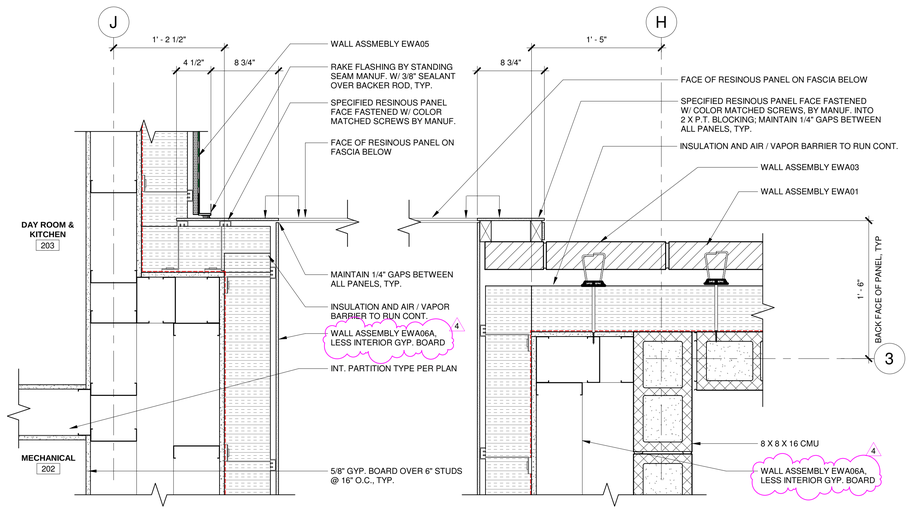
1 1/2" = 1'-0"

DET. WING WALL LEVEL 1 — 5

1 1/2" = 1'-0"

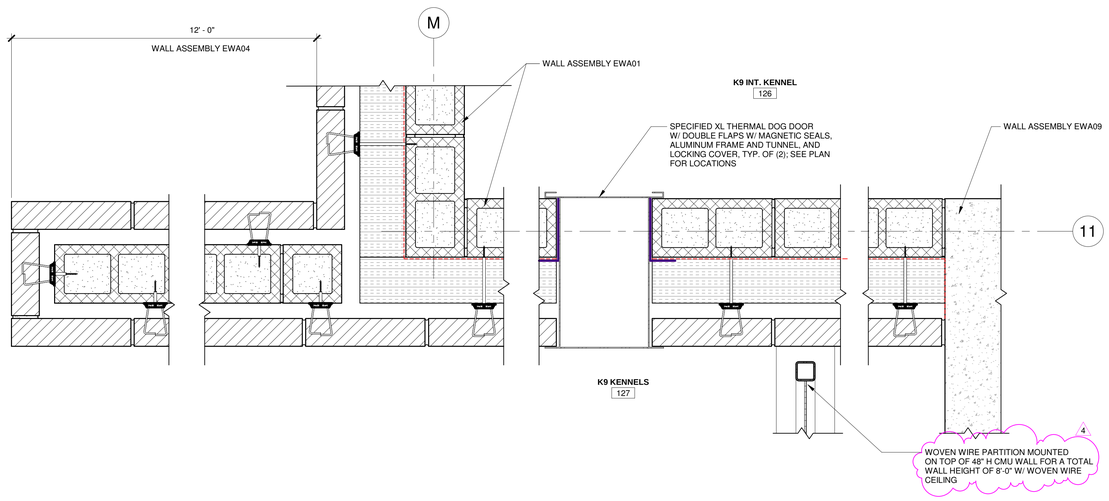
DET. ELECTRICAL CHASES LEVEL 1a — 2

1 1/2" = 1'-0"



DET. FRAMED PROJECTION PLAN DETAIL — 7

1 1/2" = 1'-0"



DET. BRICK CONDITIONS @ KENNELS — 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

Registrations

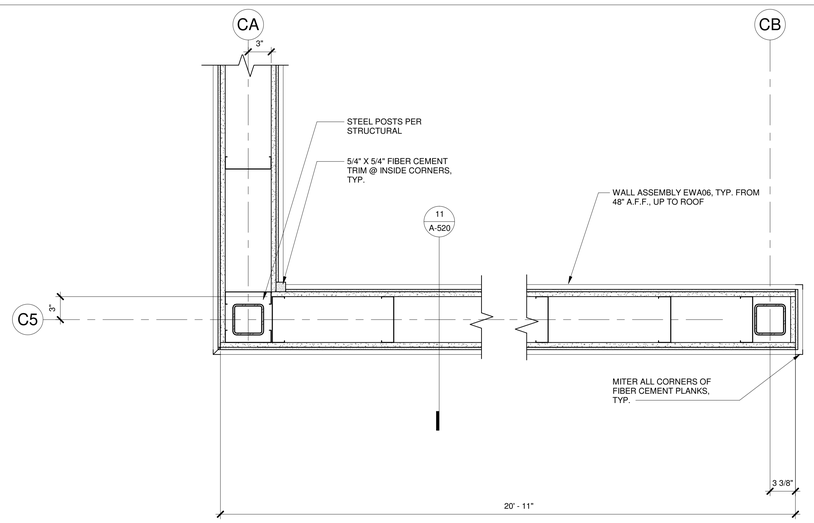
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
PLAN DETAILS

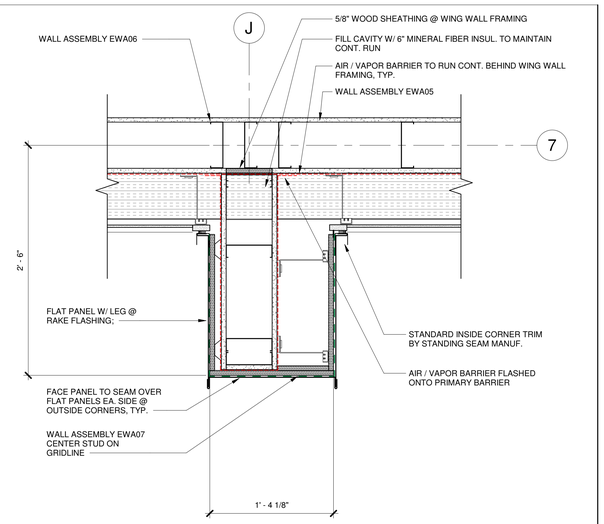
PJC Drawn by — PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-530



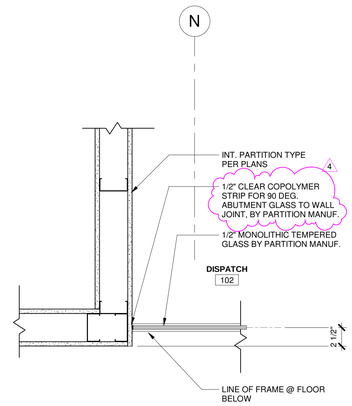
DET. CARPORT DETAIL @ EWA08 — 6

1 1/2" = 1'-0"



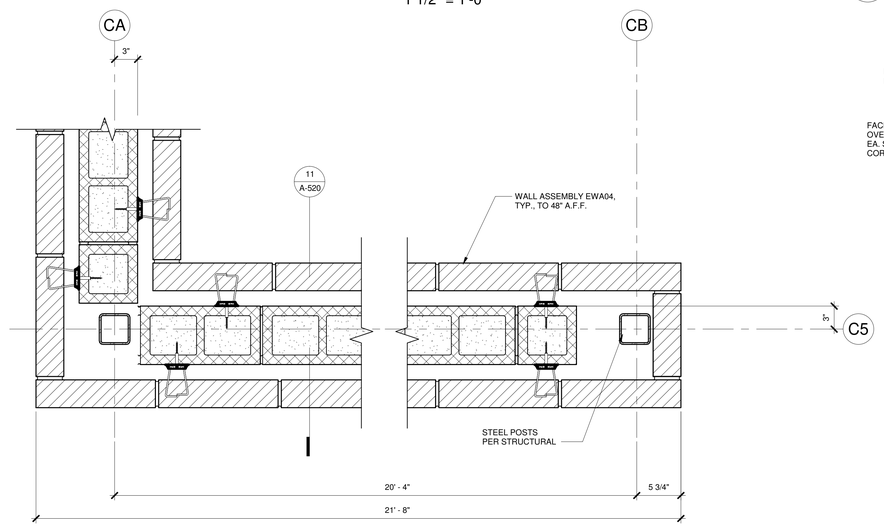
DET. EWA07 WING WALL-LEVEL 3 SOUTH — 3

1 1/2" = 1'-0"



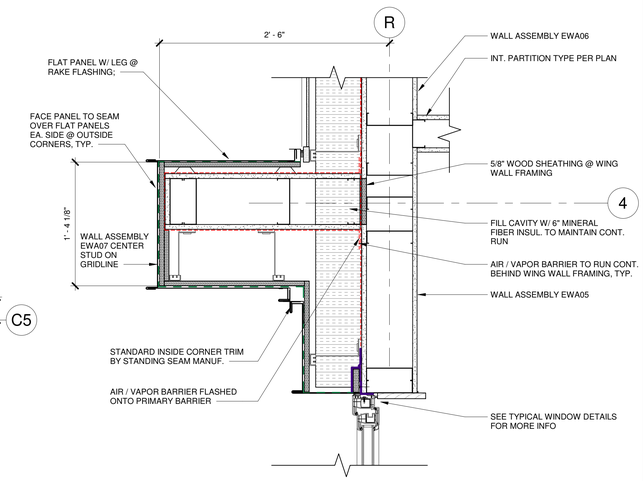
DET. TYPE 8- GLASS PARTITION JAMB, TYP — 11

1 1/2" = 1'-0"



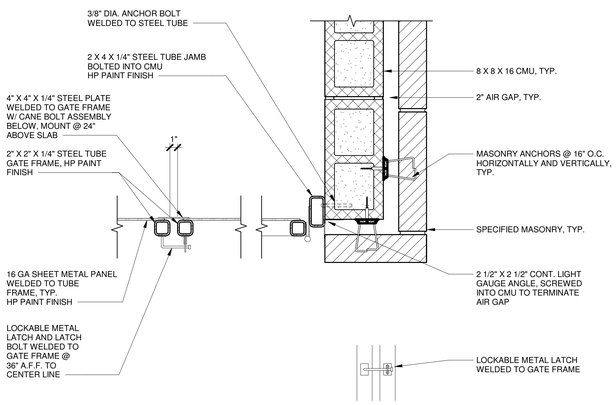
DET. CARPORT DETAIL @ EWA04 — 5

1 1/2" = 1'-0"



DET. EWA07 WING WALL-LEVEL 3 WEST — 2

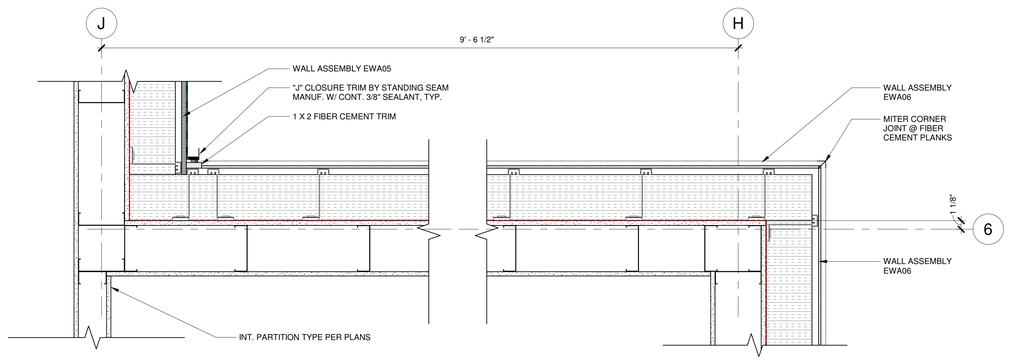
1 1/2" = 1'-0"



LATCH ELEVATION

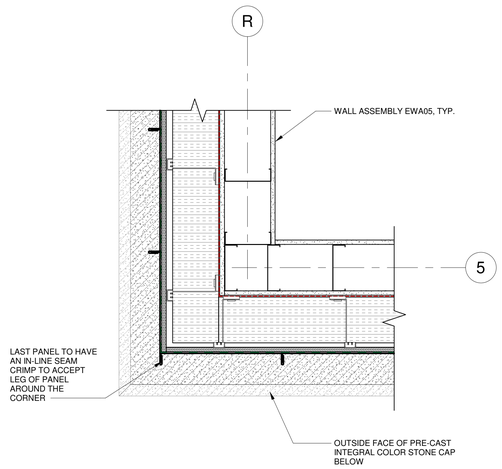
DET. TRASH ENCLOSURE GATE HASP & JAMB — 10

1 1/2" = 1'-0"



DET. OUTSIDE CORNER @ EWA06 LEVEL 3 — 4

1 1/2" = 1'-0"



DET. EWA05 OUTSIDE CORNER, TYP — 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

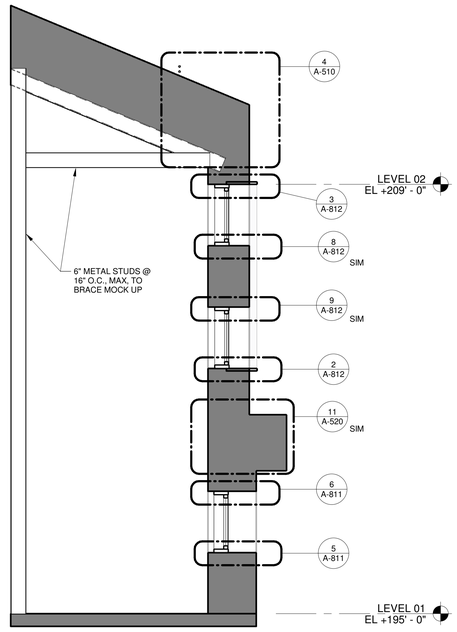
Registrations

Consultants

Project
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TOWN OF ASHLAND

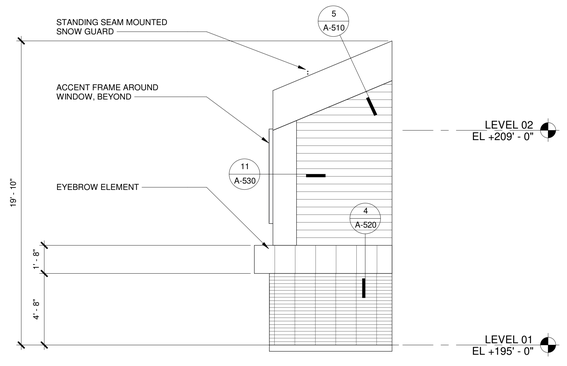
Drawing Title
PLAN DETAILS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-531



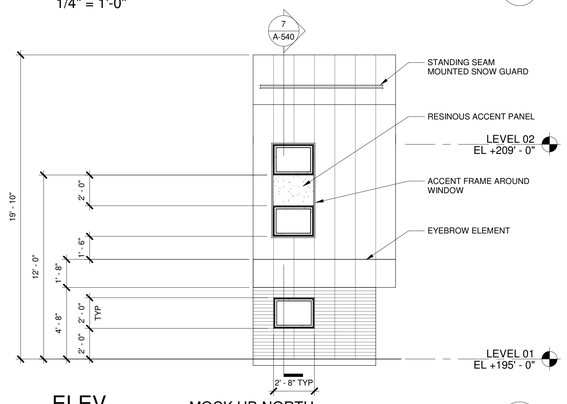
SECTION MOCK UP-WALL SECTION 7

1/2" = 1'-0"



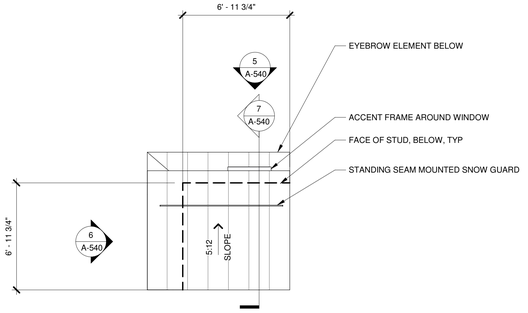
ELEV. MOCK UP-WEST 6

1/4" = 1'-0"



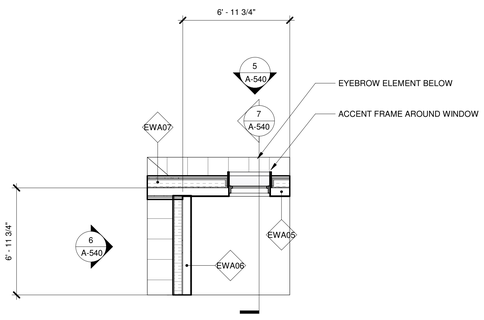
ELEV. MOCK UP-NORTH 5

1/4" = 1'-0"



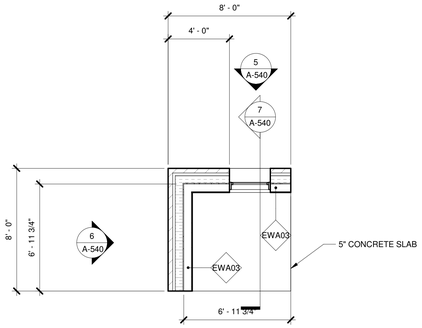
PLAN MOCK UP ROOF PLAN 3

1/4" = 1'-0"



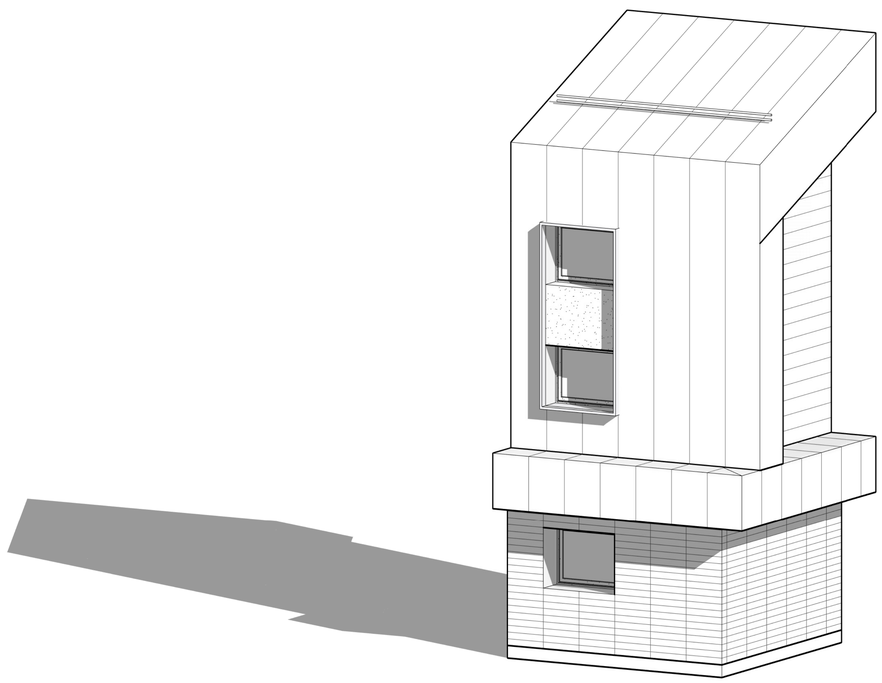
PLAN MOCK UP UPPER PLAN 2

1/4" = 1'-0"



PLAN MOCK UP LOWER PLAN 1

1/4" = 1'-0"



ELEVATION MOCK UP - NORTHWEST 9

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Revision Schedule

Number	Revision	Date
3	ADDENDUM #5	12.07.20

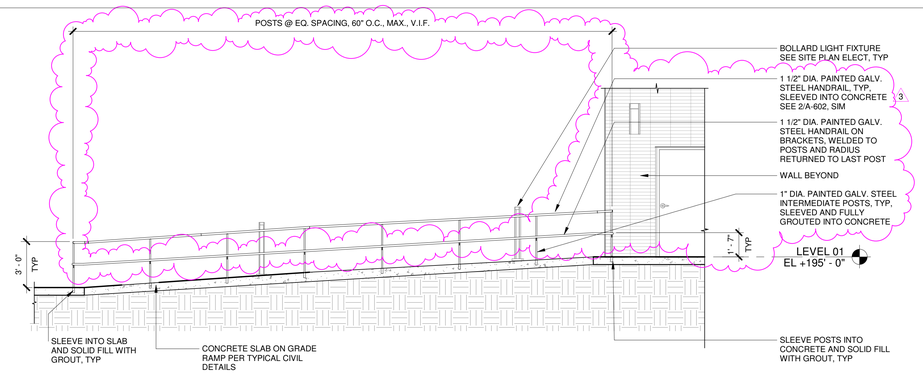
Registrations

Consultants

Project
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TOWN OF ASHLAND

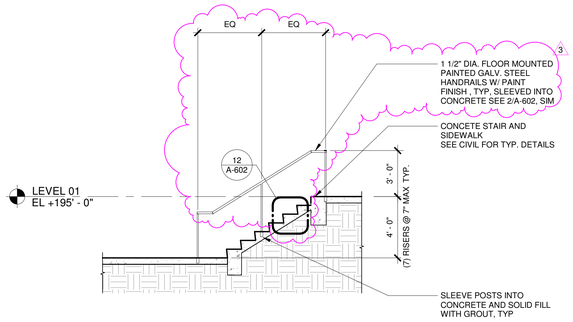
Drawing Title
MOCK UP DRAWING

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number 3
A-540



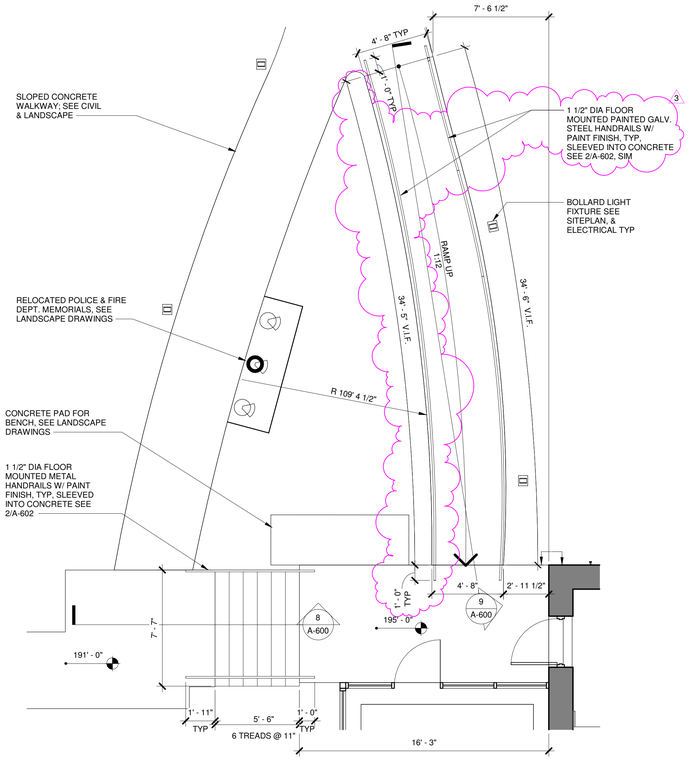
SECTION RAMP_MAIN ENTRY 9

1/4" = 1'-0"



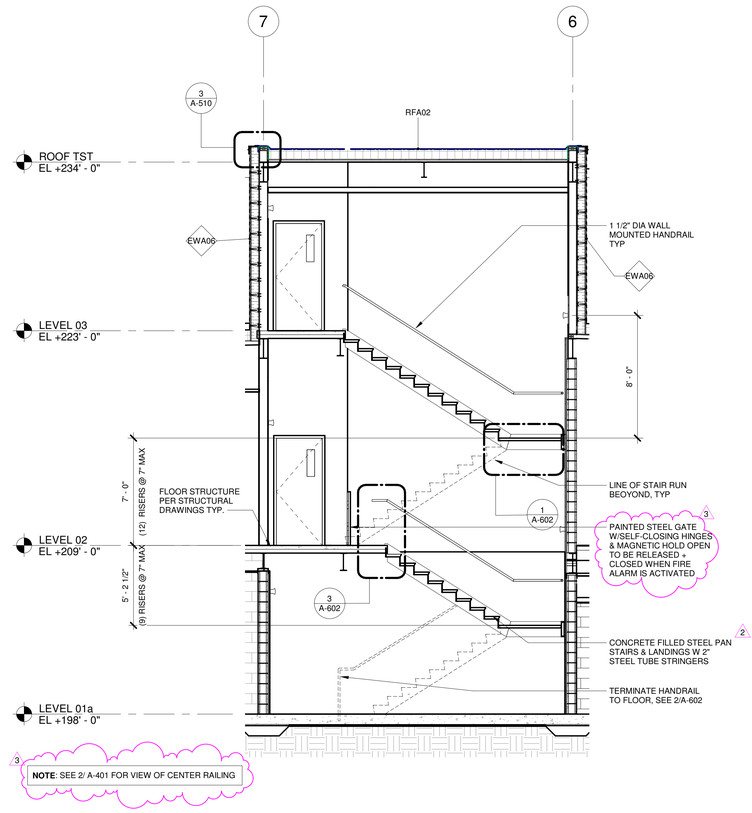
SECTION STAIR SECTION_NORTH ENTRY 8

1/4" = 1'-0"



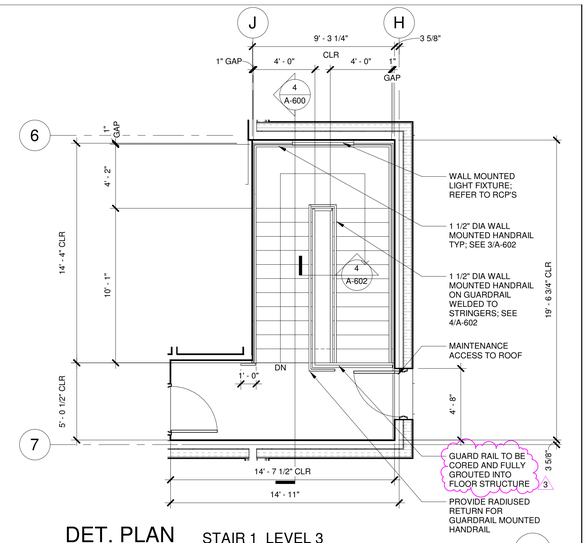
DET. PLAN RAMP+STAIR_NORTH ENTRY 7

1/4" = 1'-0"



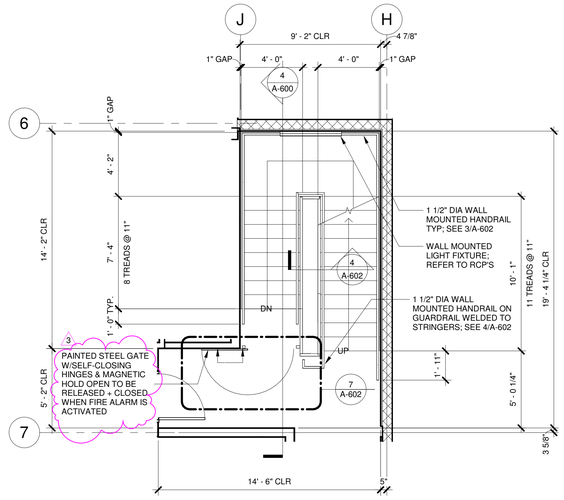
SECTION STAIR 1_SECTION 4

1/4" = 1'-0"



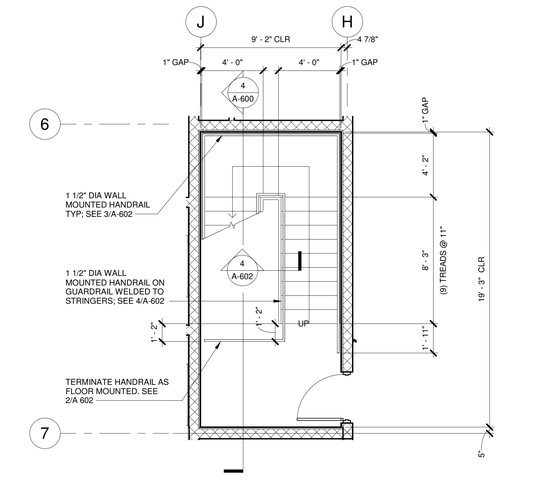
DET. PLAN STAIR 1_LEVEL 3 3

1/4" = 1'-0"



DET. PLAN STAIR 1_LEVEL 2 2

1/4" = 1'-0"



DET. PLAN STAIR 1_LEVEL1a 1

1/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
3	ADDENDUM #5	12.07.20

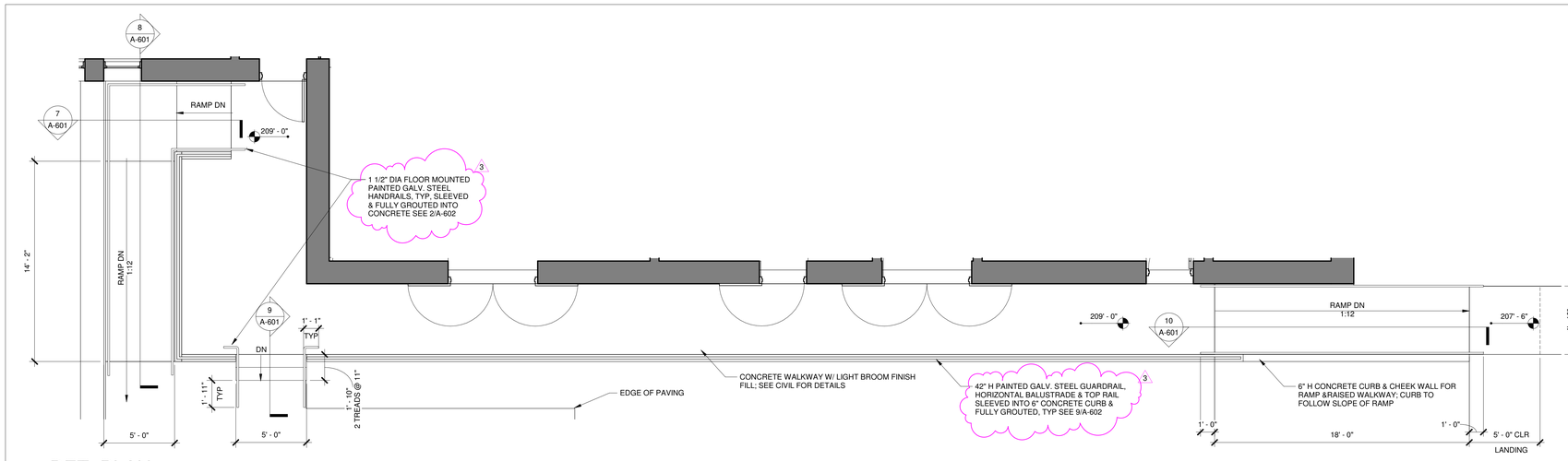
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

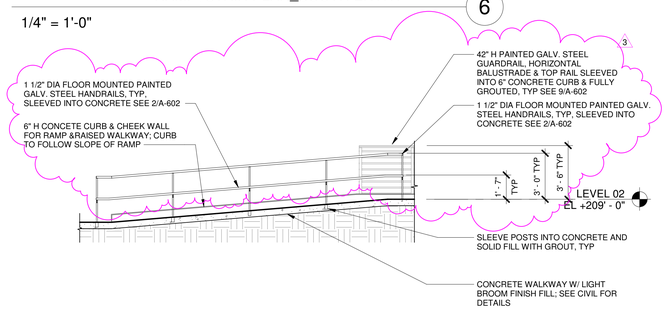
Drawing Title
STAIR 1 DRAWINGS

PJC Drawn by | PJC Checked by
Date: OCTOBER 23, 2020
Job number: 21917
Drawing set: CONSTRUCTION DOCUMENTS
Drawing number: A-600



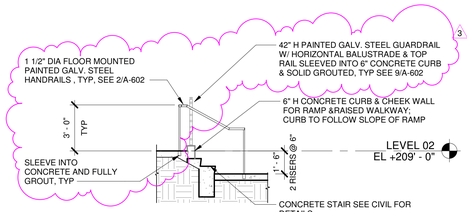
DET. PLAN RAMP+STAIR PLAN_SOUTH ENTRY 6

1/4" = 1'-0"



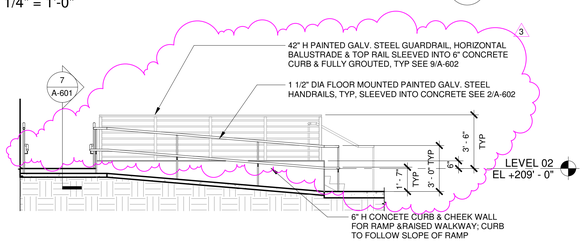
SECTION RAMP C_SOUTH ENTRY 10

1/4" = 1'-0"



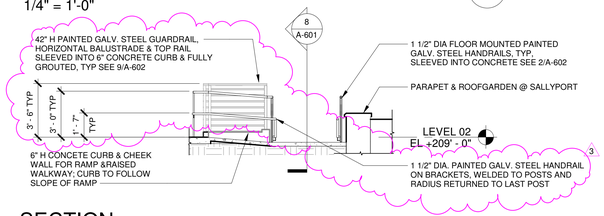
SECTION STAIR SECTION_SOUTH ENTRY, TYP 9

1/4" = 1'-0"



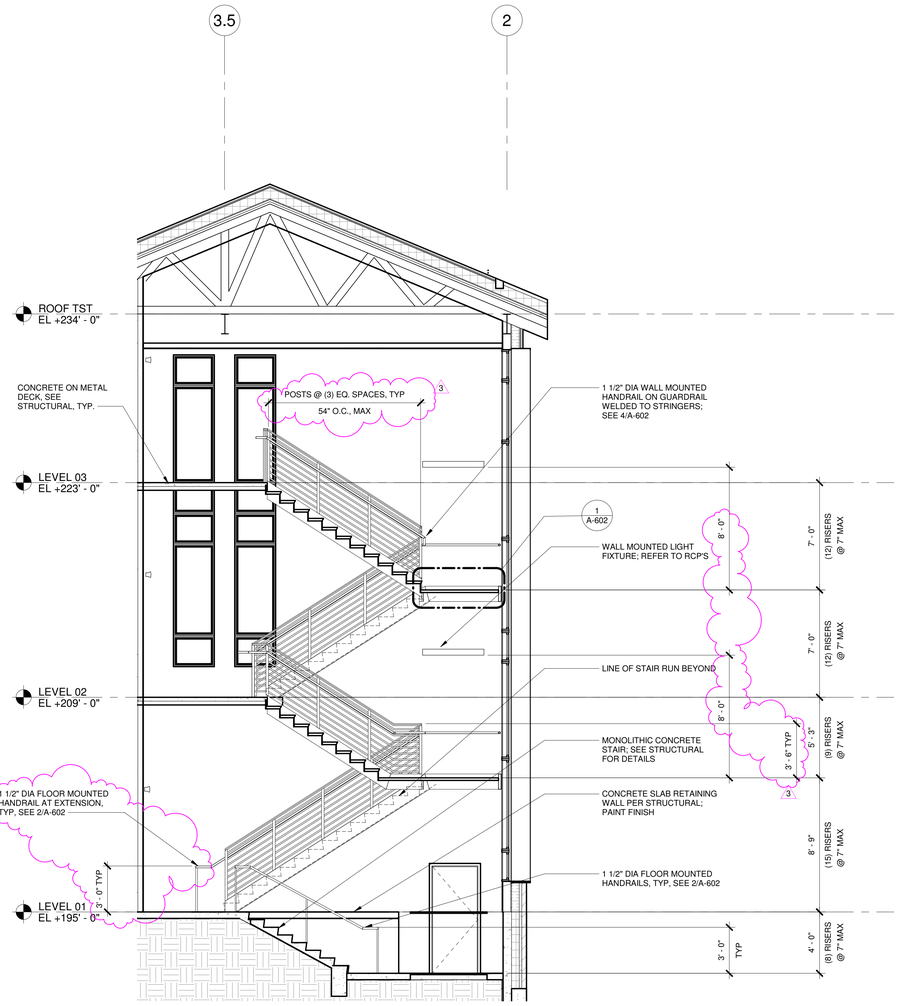
SECTION RAMP B_SOUTH ENTRY 8

1/4" = 1'-0"



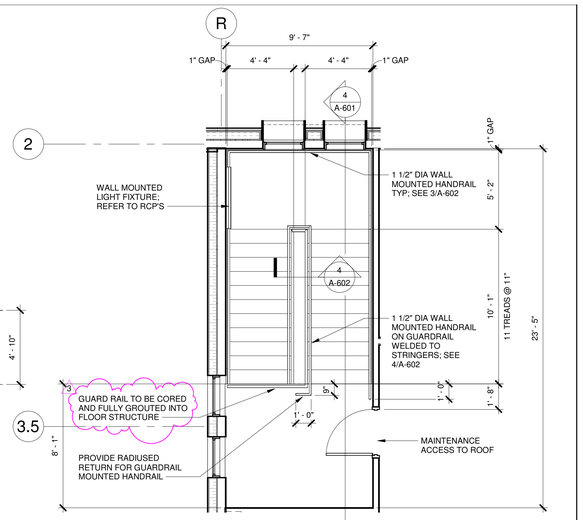
SECTION RAMP A_SOUTH ENTRY 7

1/4" = 1'-0"



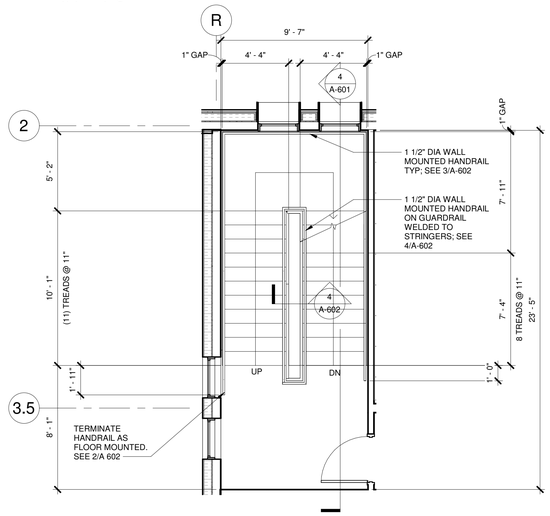
SECTION STAIR 2_ SECTION 4

1/4" = 1'-0"



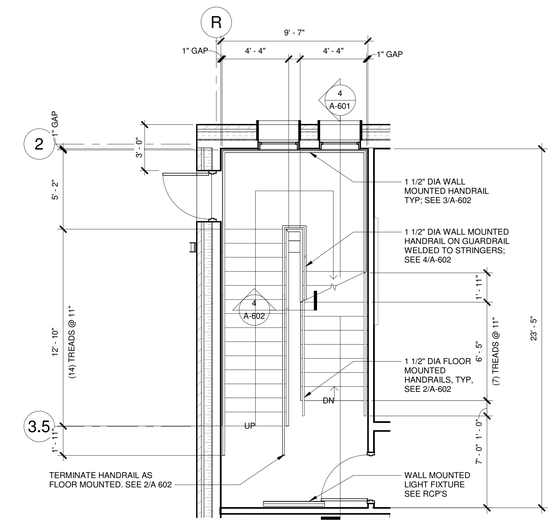
DET. PLAN STAIR 2_LEVEL 3 3

1/4" = 1'-0"



DET. PLAN STAIR 2_LEVEL 2 2

1/4" = 1'-0"



DET. PLAN STAIR 2_LEVEL 1 1

1/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
3	ADDENDUM #5	12.07.20

Registrations

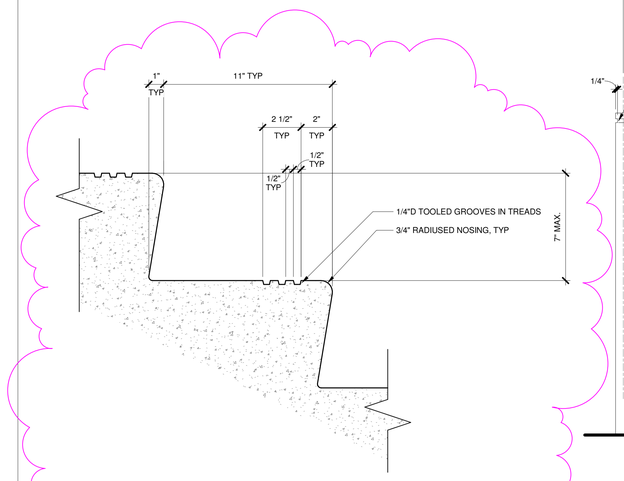
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
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Drawing Title
STAIR 2 DRAWINGS

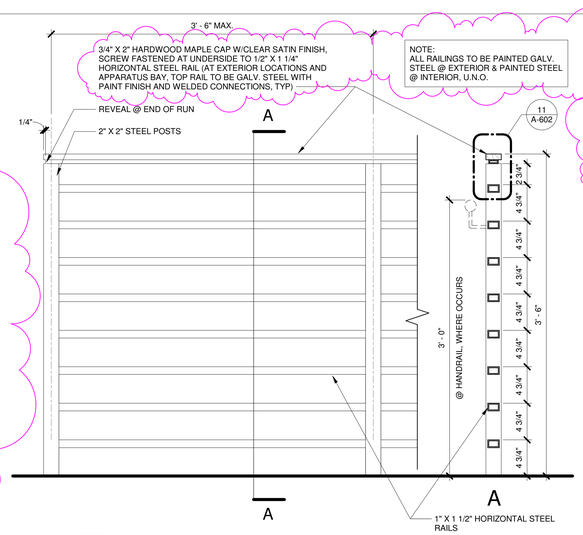
PJC Drawn by
PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-601



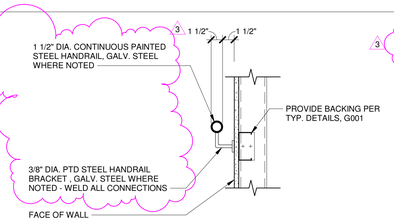
DET. TYPICAL CONCRETE NOSING 12

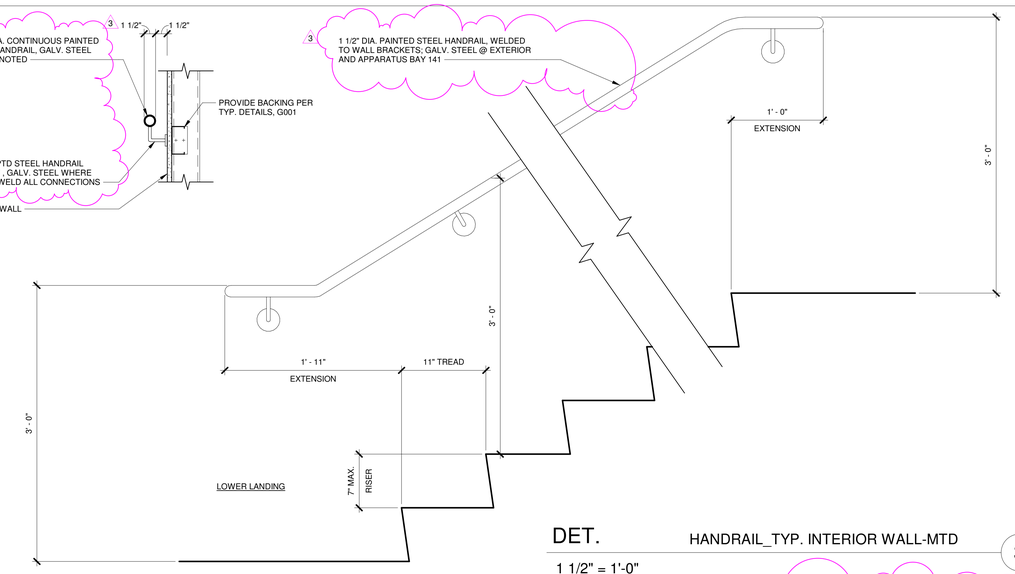
3" = 1'-0"



DET. GUARDRAIL, TYPICAL 9

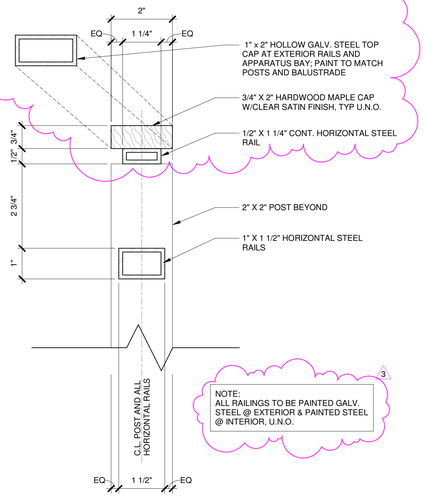
1 1/2" = 1'-0"





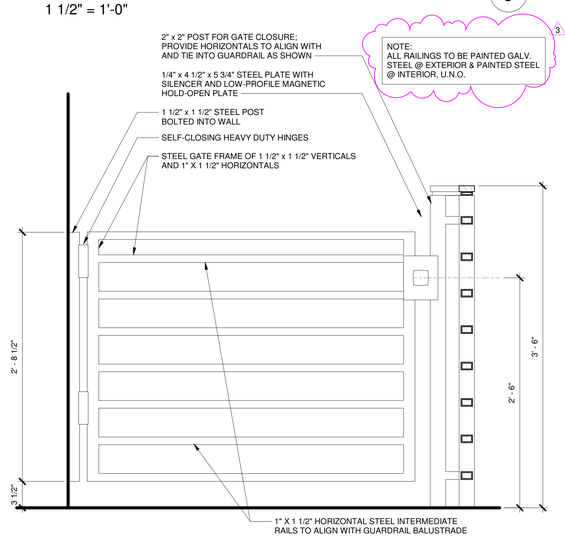
DET. HANDRAIL_TYP. INTERIOR WALL-MTD 3

1 1/2" = 1'-0"



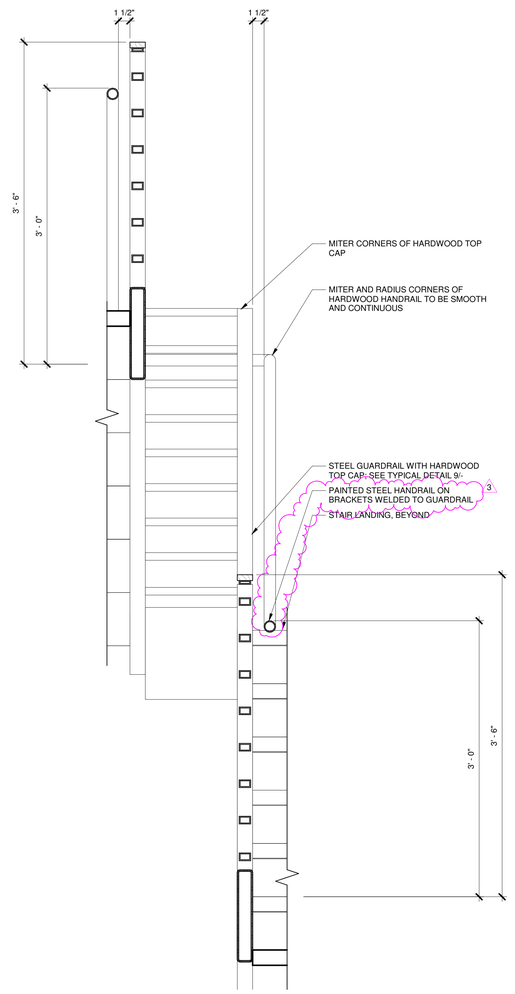
DET. GUARDRAIL TOP CAP 11

6" = 1'-0"



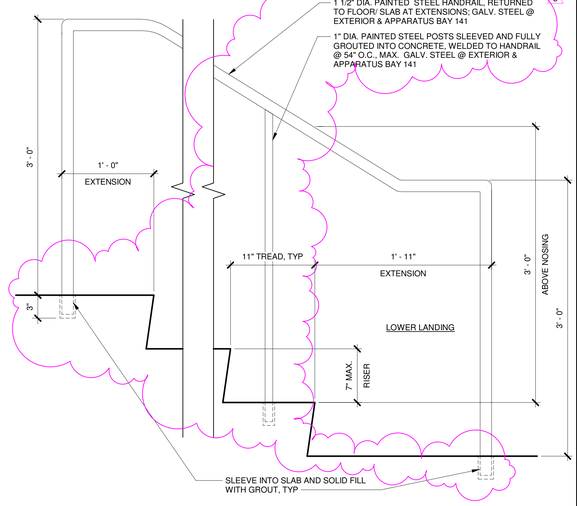
DET. STAIR 1 GATE ELEVATION 8

1 1/2" = 1'-0"



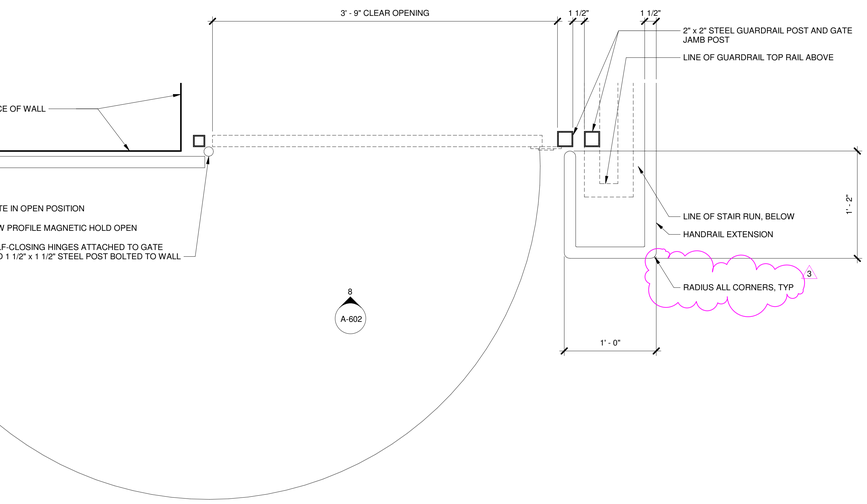
SECTION CENTER GUARDRAIL SECTION 4

1 1/2" = 1'-0"



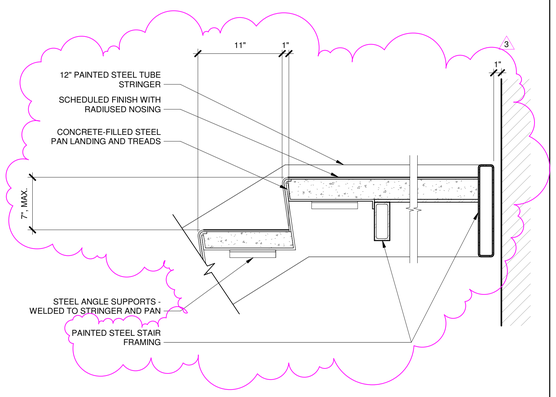
DET. HANDRAIL_FLOOR-MTD 2

1 1/2" = 1'-0"



DET. STAIR 1 GATE PLAN 7

1 1/2" = 1'-0"



DET. STAIR TREAD_TYPICAL 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
3	ADDENDUM #5	12.07.20

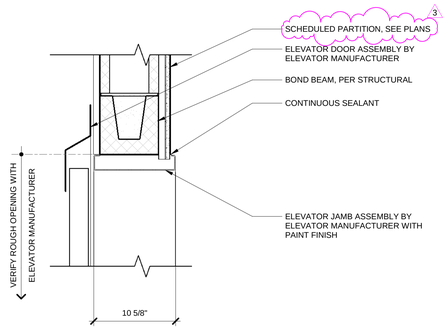
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

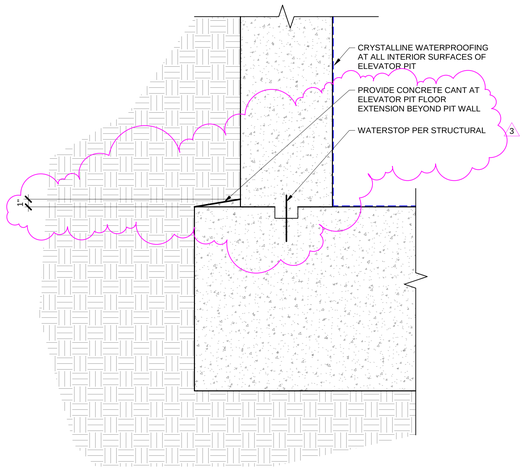
Drawing Title
STAIR DETAILS

Author
Checker
Drawn by
Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-602



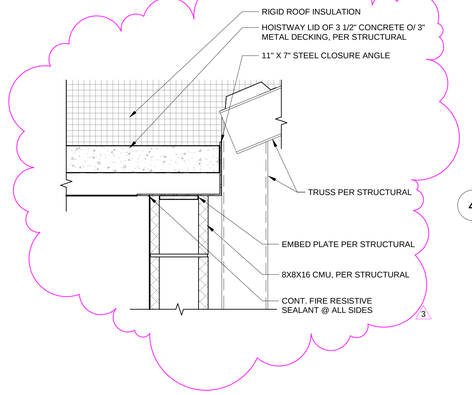
DET. ELEVATOR_TYP. OPENING HEADER 12

1 1/2" = 1'-0"



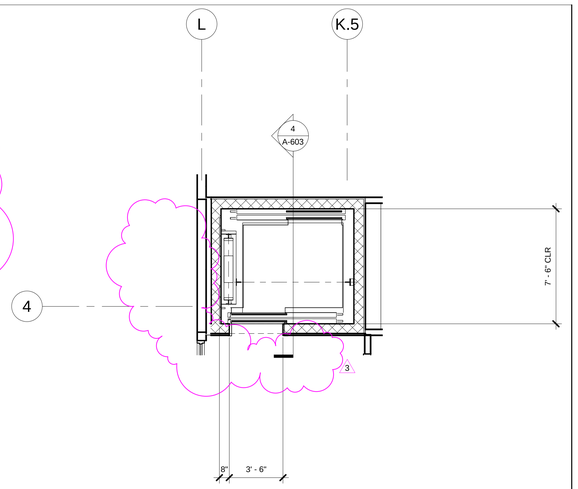
DET. ELEVATOR PIT WATERPROOFING 9

1 1/2" = 1'-0"



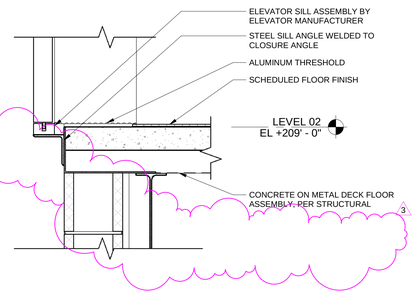
SECTION ELEVATOR_RATED LID 6

1 1/2" = 1'-0"



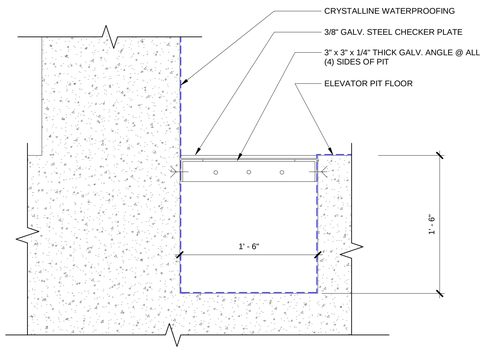
DET. PLAN ELEVATOR_LEVEL 3 3

1/4" = 1'-0"



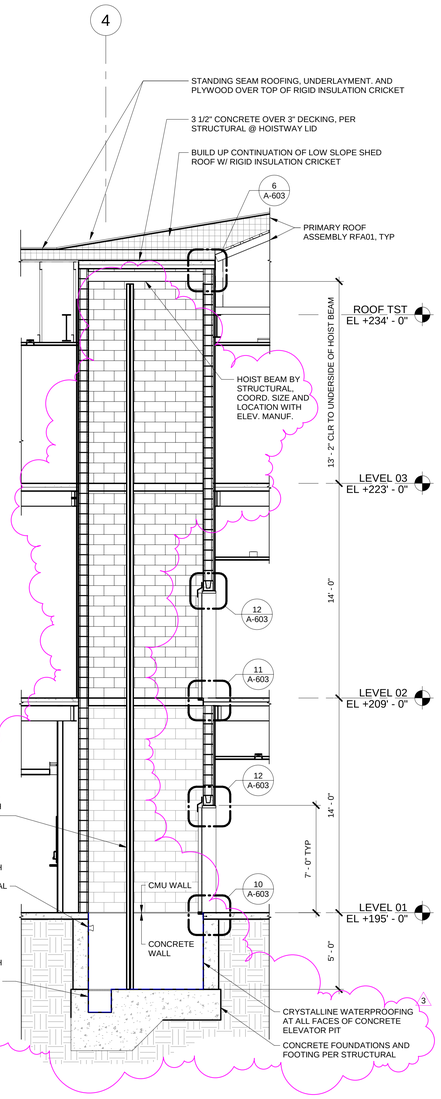
DET. ELEVATOR_THRESHOLD@SLAB ON DECK 11

1 1/2" = 1'-0"



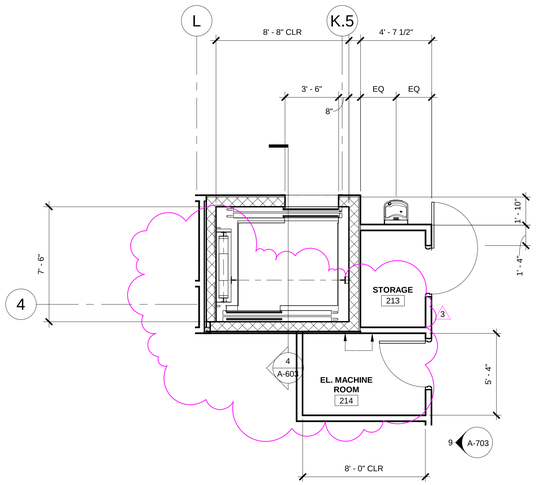
DET. ELEVATOR SUMP PIT 8

1 1/2" = 1'-0"



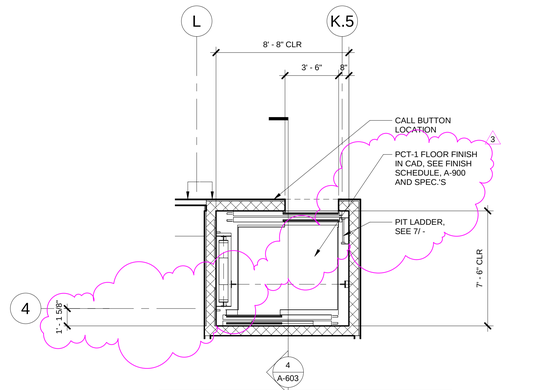
SECTION ELEVATOR_SECTION 4

1/4" = 1'-0"



DET. PLAN ELEVATOR_LEVEL 2 2

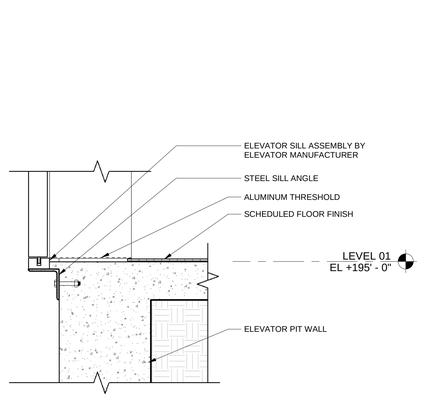
1/4" = 1'-0"



NOTE: COORDINATE ALL HOISTWAY DIMENSIONS, RAIL LOCATIONS & OPENINGS WITH ELEVATOR MANUFACTURER PRIOR TO CONSTRUCTION, TYP

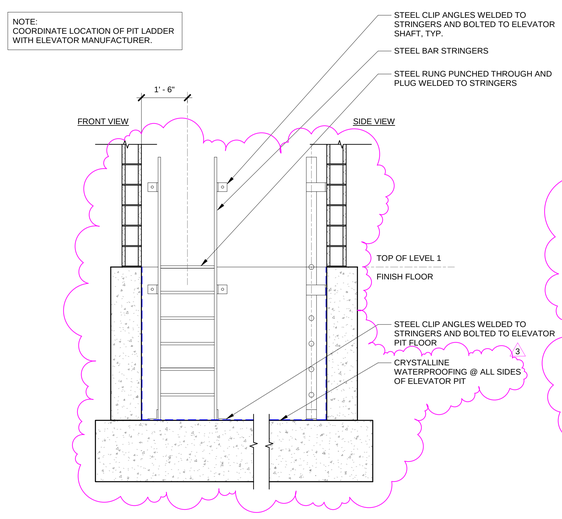
DET. PLAN ELEVATOR_LEVEL 1 1

1/4" = 1'-0"



DET. ELEVATOR_THRESHOLD@SLAB ON GRADE 10

1 1/2" = 1'-0"



ELEVATOR PIT DETAIL WITH LADDER 7

1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
3	ADDENDUM #5	12.07.20

Registrations

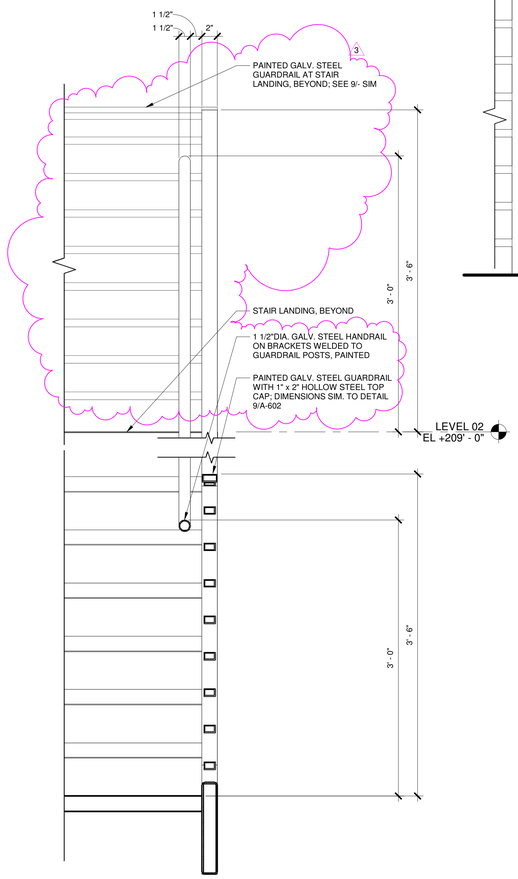
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ELEVATOR DRAWINGS

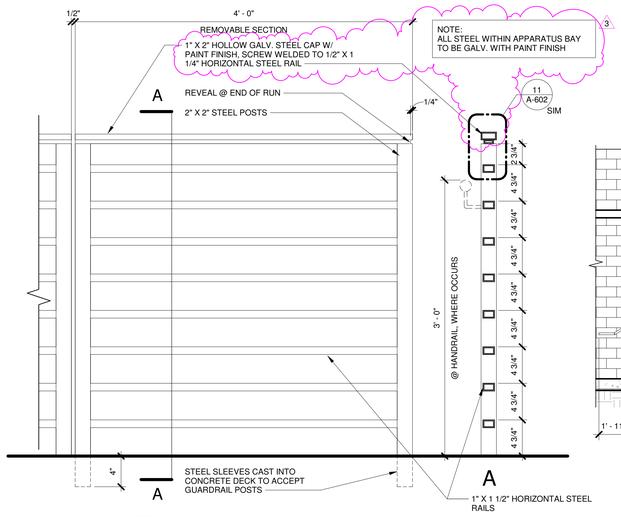
PJC Drawn by
PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-603



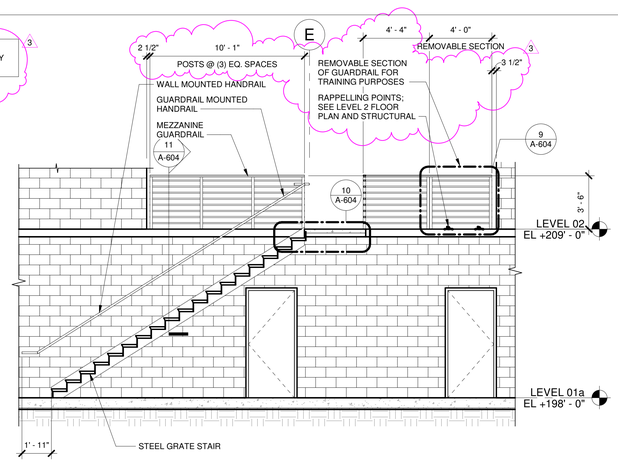
DET. STAIR MEZZ_GUARDRAIL 11

1 1/2" = 1'-0"



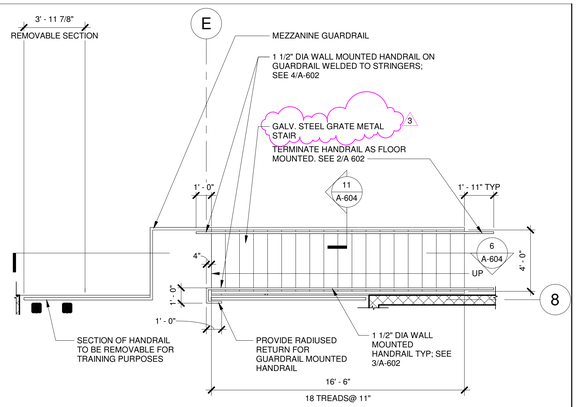
DET GUARDRAIL, REMOVABLE 9

1 1/2" = 1'-0"



SECTION STAIR SECTION_MEZZANINE 6

1/4" = 1'-0"

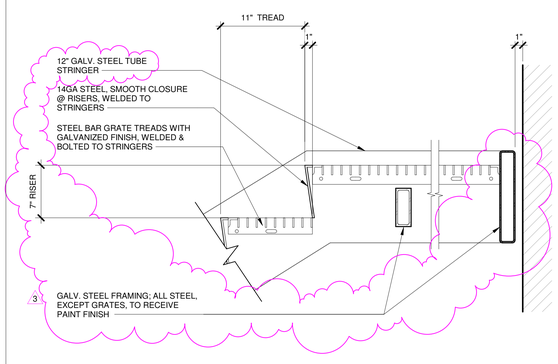


DET. PLAN STAIR_MEZZANINE 3

1/4" = 1'-0"

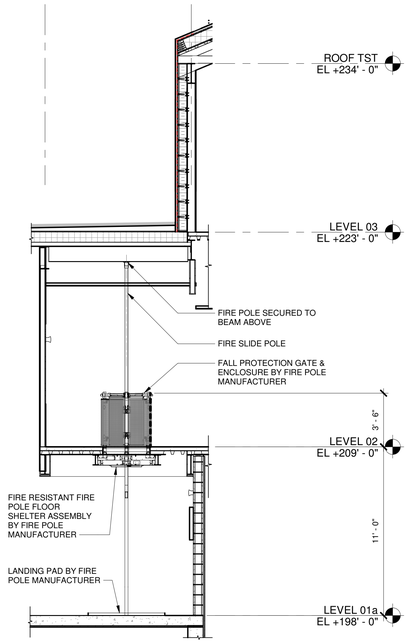
DET. PLAN FIRE POLE_LEVEL 2

1/4" = 1'-0"



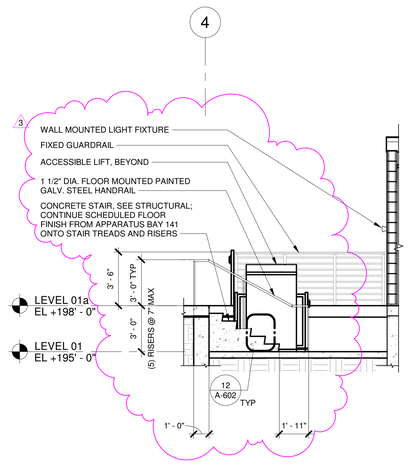
DET STAIR TREAD_BAR GRATE 10

1 1/2" = 1'-0"



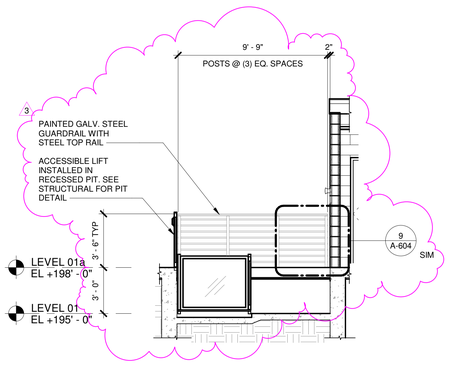
SECTION FIRE POLE_SECTION 7

1/4" = 1'-0"



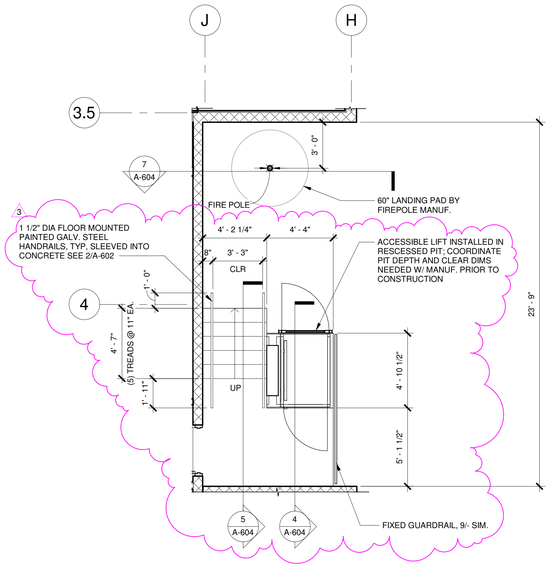
SECTION STAIR SECTION_APPARATUS BAY 5

1/4" = 1'-0"



SECTION ACCESSIBLE LIFT_SECTION 4

1/4" = 1'-0"



DET. PLAN FIRE POLE, STAIR & LIFT_LEVEL 1a 1

1/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
3	ADDENDUM #5	12.07.20

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ACCESSIBLE LIFT, STAIR & FIRE POLE DRAWINGS

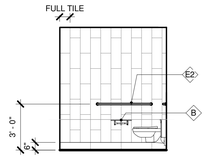
Drawn by	Checked by
PJC	PJC

Date
OCTOBER 23, 2020

Job number
21917

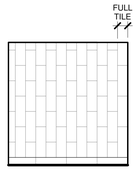
Drawing set
CONSTRUCTION DOCUMENTS

Drawing number
A-604



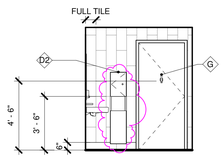
INT. TOILET 303_WEST 4D

1/4" = 1'-0"



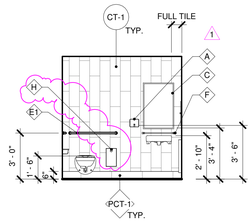
INT. TOILET 303_SOUTH 4C

1/4" = 1'-0"



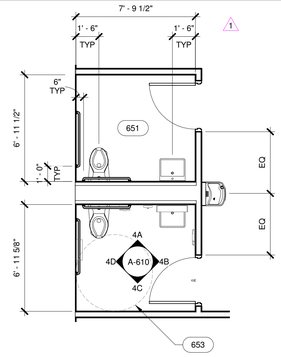
INT. TOILET 303_EAST 4B

1/4" = 1'-0"



INT. TOILET 303_NORTH 4A

1/4" = 1'-0"



DET. PLAN TOILETS_LEVEL 3 4

1/4" = 1'-0"

SHEET NOTES

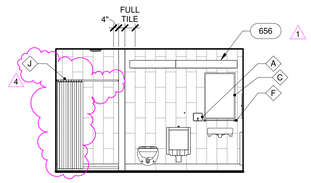
1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

PT-1	WALL FINISH
RB-1	WALL BASE
CNT-1	SPECIALTY FINISH
XX	TOILET ACCESSORY

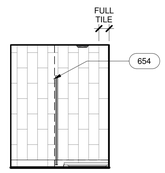
KEYNOTES

651	INTERIOR ELEVATIONS FOR THIS ROOM ARE SIMILAR AND OPPOSITE OF ADJACENT ROOM
653	60" DIA. ACCESSIBLE TURNING CIRCLE
654	LINE OF WALL BEYOND
656	LIGHT FIXTURE; SEE REFLECTED CEILING PLANS FOR TYPE AND MOUNTING HEIGHT



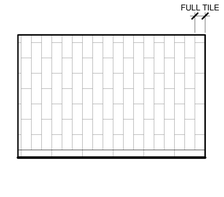
INT. DECON SHOWER 147_WEST 3D

1/4" = 1'-0"



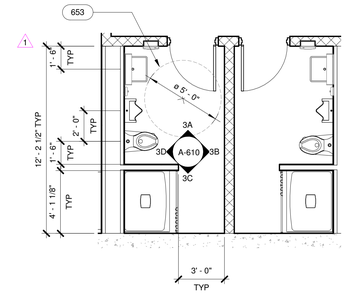
INT. DECON SHOWER 147_SOUTH 3C

1/4" = 1'-0"



INT. DECON SHOWER 147_EAST 3B

1/4" = 1'-0"

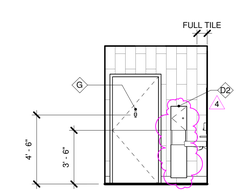


DET. PLAN SHOWER_DECON 3

1/4" = 1'-0"

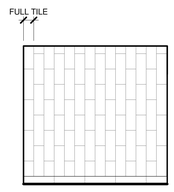
INT. DECON SHOWER 147_NORTH 3A

1/4" = 1'-0"



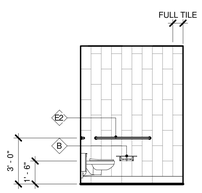
INT. DISPATCH TOILET_WEST 2D

1/4" = 1'-0"



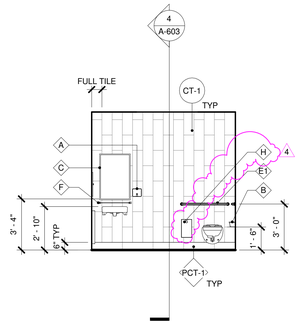
INT. DISPATCH TOILET_SOUTH 2C

1/4" = 1'-0"



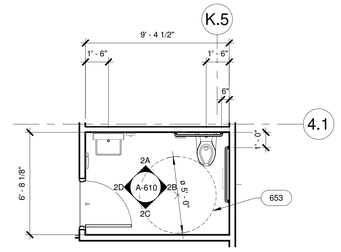
INT. DISPATCH TOILET_EAST 2B

1/4" = 1'-0"



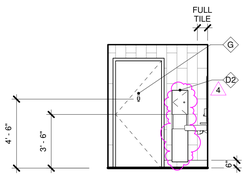
INT. DISPATCH TOILET_NORTH 2A

1/4" = 1'-0"



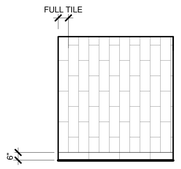
DET. PLAN TOILET_DISPATCH 2

1/4" = 1'-0"



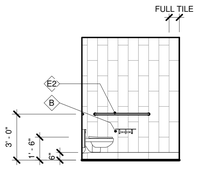
INT. TOILET 137_WEST 1D

1/4" = 1'-0"



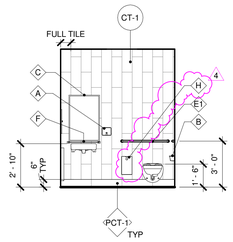
INT. TOILET 137_SOUTH 1C

1/4" = 1'-0"



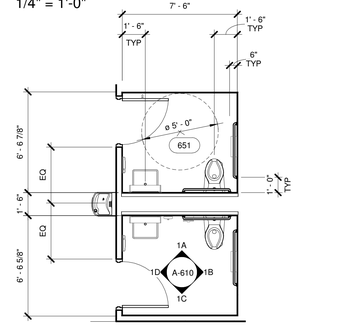
INT. TOILET 137_EAST 1B

1/4" = 1'-0"



INT. TOILET 137_NORTH 1A

1/4" = 1'-0"



DET. PLAN TOILETS_LEVEL 1 1

1/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
4	ADDENDUM #7	12.16.20

Registrations

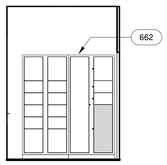
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ENLARGED BATHROOM DRAWINGS

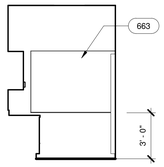
PJC Drawn by
PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-610



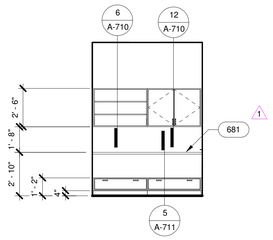
INT. EVIDENCE PREP_WEST 4D

1/4" = 1'-0"



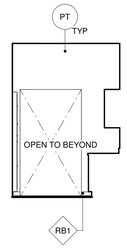
INT. EVIDENCE PREP_SOUTH 4C

1/4" = 1'-0"



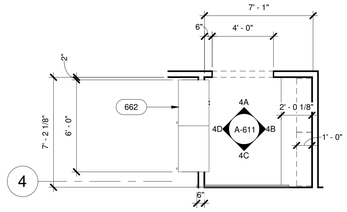
INT. EVIDENCE PREP_EAST 4B

1/4" = 1'-0"



INT. EVIDENCE PREP_NORTH 4A

1/4" = 1'-0"



DET. PLAN EVIDENCE PREP 4

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

655 WALL FINISH TO ALIGN WITH AND MATCH ADJACENT WALLS

656 LIGHT FIXTURE; SEE REFLECTED CEILING PLANS FOR TYPE AND MOUNTING HEIGHT

5 657 33"W STEEL DETENTION SINGLE BUNK TO FIT WIDTH OF CELL, BOLTED TO FLOOR, AND WITH CONTINUOUS PAINTED STEEL SKIRT FROM UNDERSIDE OF BUNK TO FLOOR AND SHALL MEET ALL REQUIREMENTS OF MASSACHUSETTS DEPT. OF PUBLIC HEALTH LOCK-UP FACILITIES, TYP. @ ALL CELLS

658 STAINLESS STEEL DETENTION COMBINATION TOILET UNIT, TYP. @ ALL CELLS, U.N.O.

659 FLOOR MOUNTED STEEL DETENTION BENCH WITH CUFF RINGS; BOLT INTO SLAB

660 STAINLESS STEEL UNITIZED DETENTION SHOWER, SEE PLUMBING DRAWINGS FOR CONNECTIONS; PROVIDE STAINLESS STEEL TRIMS BY MANUF. TO CLOSE ANY GAPS TO WALLS

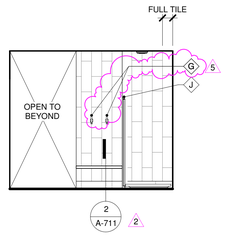
661 STAINLESS STEEL ACCESSIBLE DETENTION COMBINATION TOILET UNIT WITH INTEGRAL GRAB BARS

662 EVIDENCE PASS-THROUGH LOCKERS - HATCHED PORTION INDICATES REFRIGERATED COMPARTMENT; BASED ON SPACESAVER UNITS #EDS-P-03 AND #EDS-P-10, OR EQUAL; RECESSED MOUNTED

663 4' x 6' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS

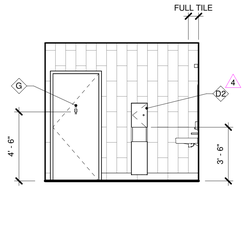
681 STAINLESS STEEL COUNTERTOP WITH INTEGRAL BACKSPLASH

5 690 SPECIFIED DETENTION CLOTHES HOOK LOCATION



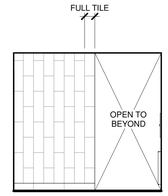
INT. DORM SHOWERS _NORTH-2 3E

1/4" = 1'-0"



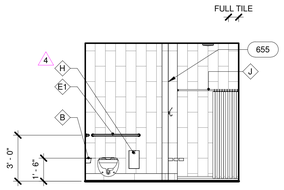
INT. DORM SHOWERS WEST 3D

1/4" = 1'-0"



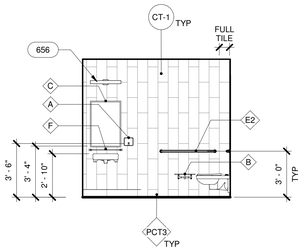
INT. DORM SHOWERS _SOUTH-1 3C

1/4" = 1'-0"



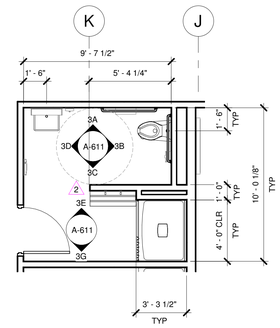
INT. DORM SHOWERS_EAST 3B

1/4" = 1'-0"



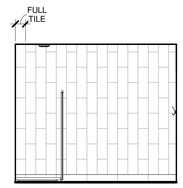
INT. DORM SHOWERS _NORTH-1 3A

1/4" = 1'-0"



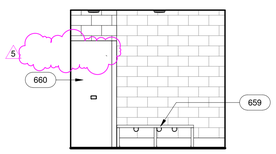
DET. PLAN SHOWER_DORMS 3

1/4" = 1'-0"



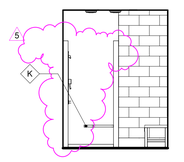
INT. DORM SHOWERS _SOUTH-2 3G

1/4" = 1'-0"



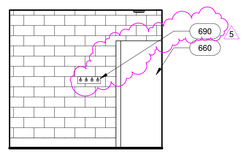
INT. DETENTION SHOWER_WEST 2D

1/4" = 1'-0"



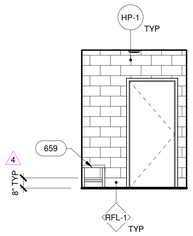
INT. DETENTION SHOWER_SOUTH 2C

1/4" = 1'-0"



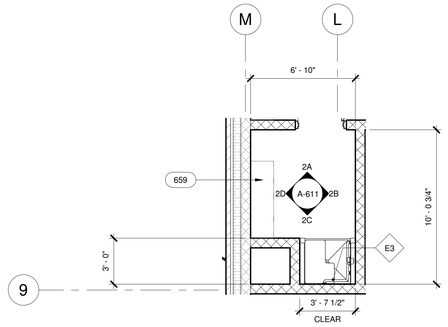
INT. DETENTION SHOWER_EAST 2B

1/4" = 1'-0"



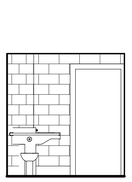
INT. DETENTION SHOWER_NORTH 2A

1/4" = 1'-0"



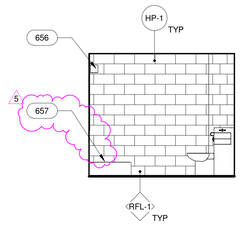
DET. PLAN DETENTION_SHOWER 2

1/4" = 1'-0"



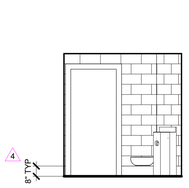
INT. DETENTION ADA COMBO_WEST 1D

1/4" = 1'-0"



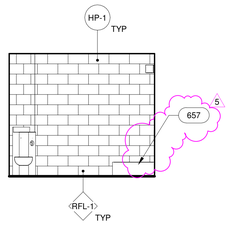
INT. DETENTION ADA COMBO_SOUTH 1C

1/4" = 1'-0"



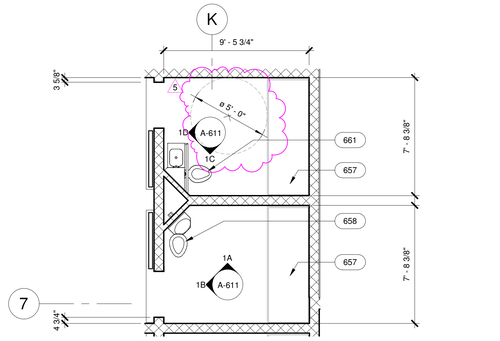
INT. DETENTION COMBO_WEST 1B

1/4" = 1'-0"



INT. DETENTION COMBO_NORTH 1A

1/4" = 1'-0"



DET. PLAN DETENTION_TYPICAL CELLS 1

1/4" = 1'-0"

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Revision Schedule

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1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
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Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ENLARGED PLAN DRAWINGS

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-611

SHEET NOTES

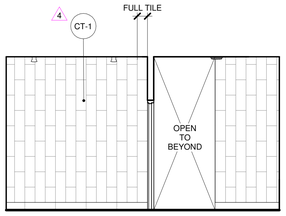
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LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

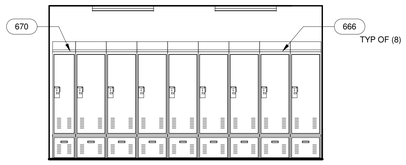
KEYNOTES

- 652 DRINKING FOUNTAIN WITH INTEGRAL CANE DETECTION APRON & BOTTLE FILLER
- 655 WALL FINISH TO ALIGN WITH AND MATCH ADJACENT WALLS
- 656 LIGHT FIXTURE; SEE REFLECTED CEILING PLANS FOR TYPE AND MOUNTING HEIGHT
- 664 FRAMELESS FLOAT GLASS MIRROR, ADHERED TO WALL
- 2 665 CLOTHES HANGING ROD WITH PLASTIC LAMINATE FINISHED SHELF ABOVE
- 666 24"x24"x84" METAL PERSONAL STORAGE LOCKERS WITH SLOPED TOPS, VENTED DOORS AND INTERIOR DUPLEX POWER OUTLET AND INTEGRAL MAPLE-TOPPED BENCH WITH BOOT DRAWER
- 668 TRANSLUCENT PRIVACY FILM APPLIED TO THIS LITE OF WINDOW
- 669 FLOOR MOUNTED OVERHEAD BRACED TOILET PARTITIONS
- 670 18"x24"x84" METAL PERSONAL STORAGE LOCKERS WITH SLOPED TOPS, VENTED DOORS AND INTERIOR DUPLEX POWER OUTLET AND INTEGRAL MAPLE-TOPPED BENCH WITH BOOT DRAWER



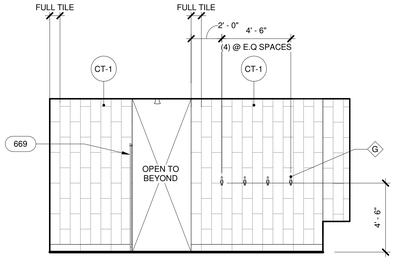
INT. WOMENS LOCKER _WEST 3 — 1L

1/4" = 1'-0"



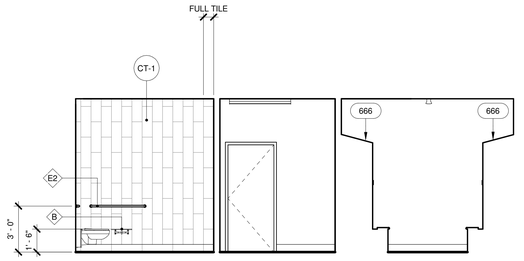
INT. WOMENS LOCKER _WEST 2 — 1K

1/4" = 1'-0"



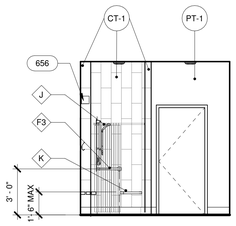
INT. WOMENS LOCKER _WEST 1 — 1J

1/4" = 1'-0"



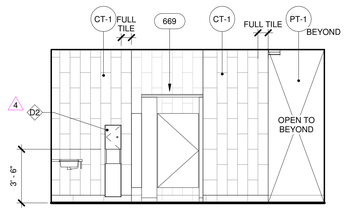
INT. WOMENS LOCKER _SOUTH 2 — 1H

1/4" = 1'-0"



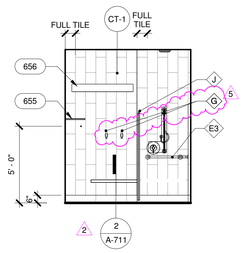
INT. WOMENS LOCKER _SOUTH 3 — 1G

1/4" = 1'-0"



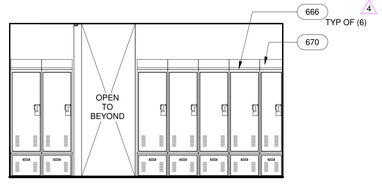
INT. WOMENS LOCKER _SOUTH 1 — 1F

1/4" = 1'-0"



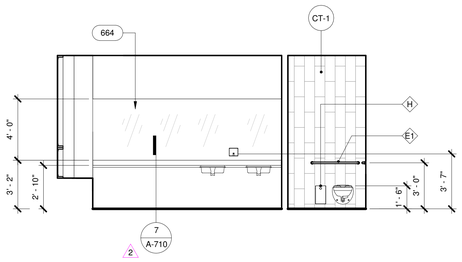
INT. WOMENS LOCKER _EAST 3 — 1E

1/4" = 1'-0"



INT. WOMENS LOCKER _EAST 2 — 1D

1/4" = 1'-0"



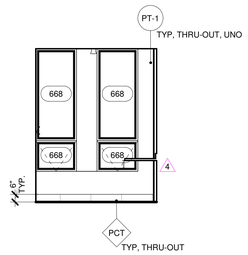
INT. WOMENS LOCKER _EAST 1 — 1C

1/4" = 1'-0"



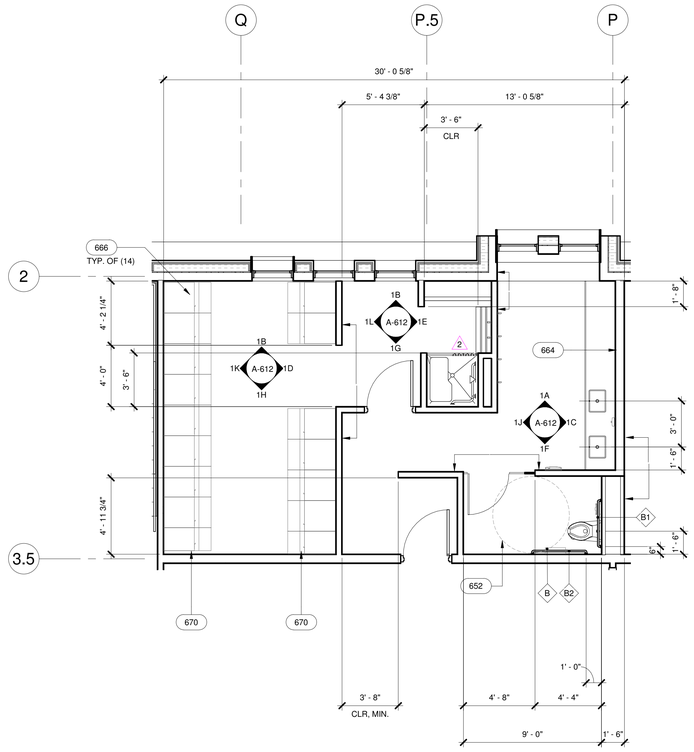
INT. WOMENS LOCKER _NORTH 2 — 1B

1/4" = 1'-0"



INT. WOMENS LOCKER _NORTH 1 — 1A

1/4" = 1'-0"



DET. PLAN LOCKER ROOM_WOMEN — 1

1/4" = 1'-0"

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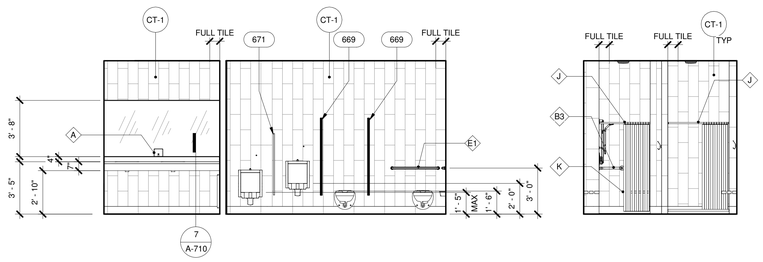
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WOMENS LOCKER ROOM

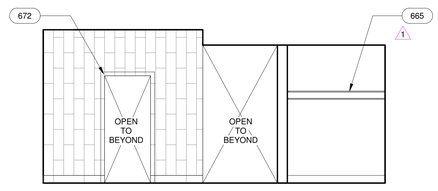
PJC Drawn by — PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-612



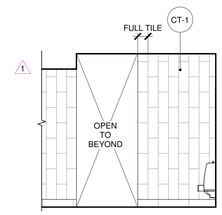
INT. MENS LOCKER _WEST 3 — 1N

1/4" = 1'-0"



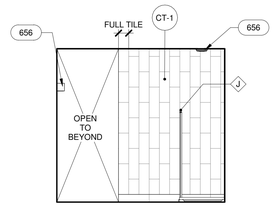
INT. MENS LOCKER _WEST 2 — 1M

1/4" = 1'-0"



INT. MENS LOCKER _WEST 1 — 1L

1/4" = 1'-0"

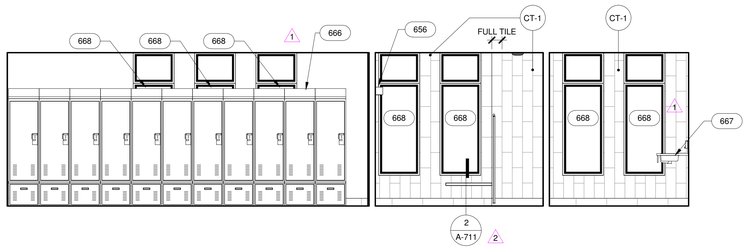


INT. MENS LOCKER _SOUTH 3 — 1K

1/4" = 1'-0"

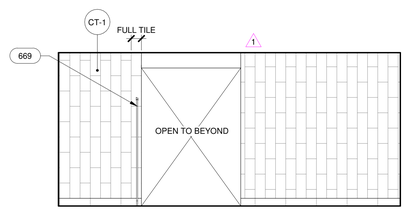
INT. MENS LOCKER _SOUTH 2 — 1J

1/4" = 1'-0"



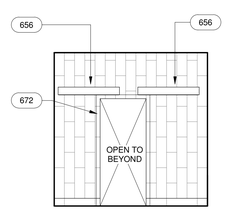
INT. MENS LOCKER _SOUTH 1 — 1H

1/4" = 1'-0"



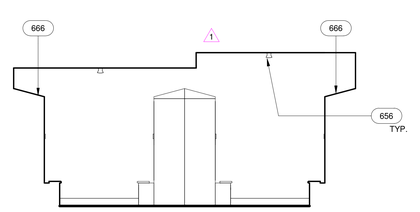
INT. MENS LOCKER _EAST 3 — 1G

1/4" = 1'-0"



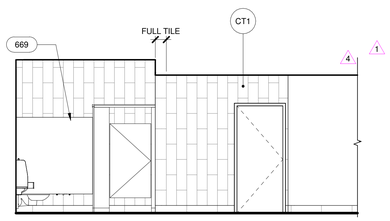
INT. MENS LOCKER _EAST 2 — 1F

1/4" = 1'-0"



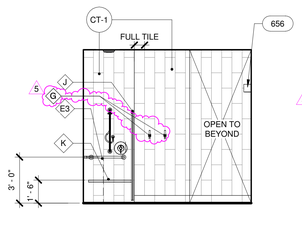
INT. MENS LOCKER _EAST 1 — 1E

1/4" = 1'-0"



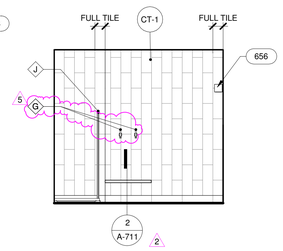
INT. MENS LOCKER _NORTH 3 — 1D

1/4" = 1'-0"



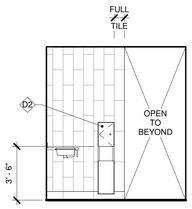
INT. MENS LOCKER _NORTH 2A — 1C

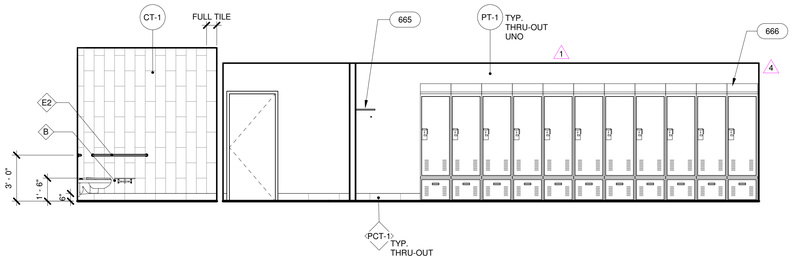
1/4" = 1'-0"



INT. MENS LOCKER _NORTH 2 — 1B

1/4" = 1'-0"





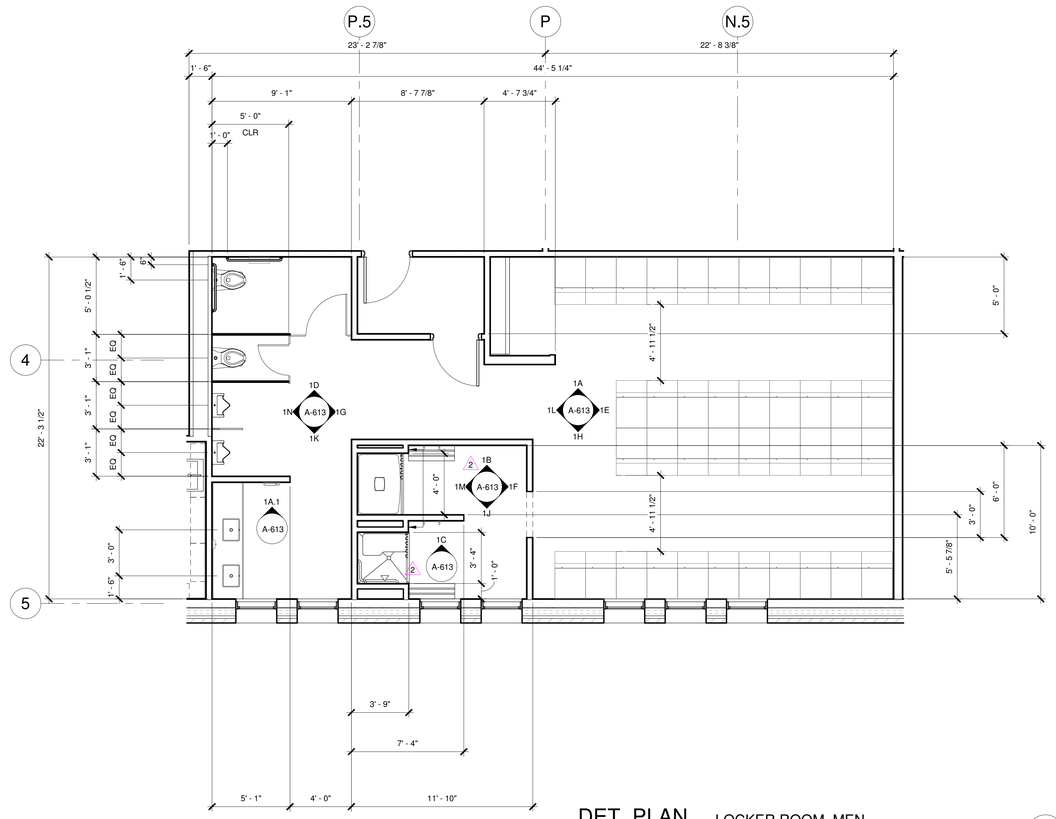
INT. MENS LOCKER _NORTH LAVS — 1A.1

1/4" = 1'-0"

4

INT. MENS LOCKER _NORTH 1 — 1A

1/4" = 1'-0"



DET. PLAN LOCKER ROOM_MEN — 1

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

- 656 LIGHT FIXTURE; SEE REFLECTED CEILING PLANS FOR TYPE AND MOUNTING HEIGHT
- 2 665 CLOTHES HANGING ROD WITH PLASTIC LAMINATE FINISHED SHELF ABOVE
- 666 24"x24"x84" METAL PERSONAL STORAGE LOCKERS WITH SLOPED TOPS, VENTED DOORS AND INTERIOR DUPLEX POWER OUTLET AND INTEGRAL MAPLE-TOPPED BENCH WITH BOOT DRAWER
- 667 QUARTZ COUNTER TOP WITH INTEGRAL BACKSPLASH AND FRONT APRON, TYP
- 668 TRANSLUCENT PRIVACY FILM APPLIED TO THIS LITE OF WINDOW
- 669 FLOOR MOUNTED OVERHEAD BRACED TOILET PARTITIONS
- 671 24"x48" WALL MOUNTED URINAL SCREEN
- 672 1x4 MAPLE TRIM WITH EASED EDGES AND CLEAR SEALED FINISH @ CASED OPENING

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20
5	ADDEDUM #8	12.18.20

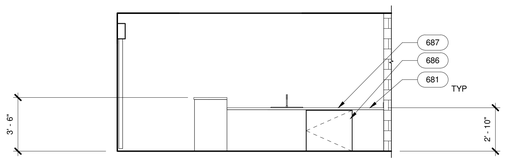
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

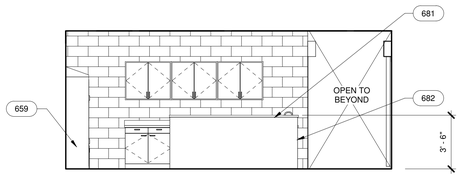
Drawing Title
MENS LOCKER ROOM

PJC Drawn by — PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-613



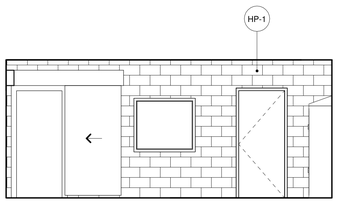
INT. BOOKING MILLWORK EAST EXT. 2G

1/4" = 1'-0"



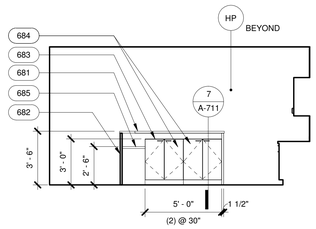
INT. BOOKING MILLWORK SOUTH EXT. 2F

1/4" = 1'-0"



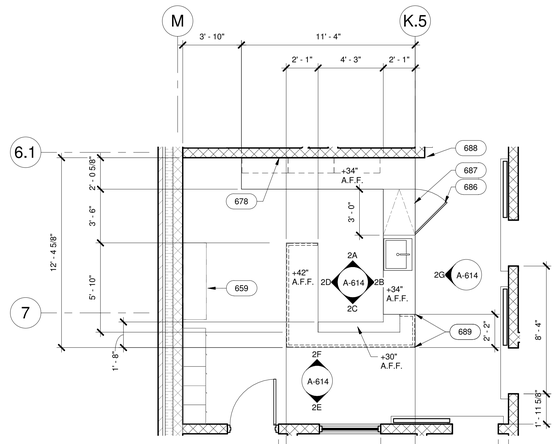
INT. BOOKING SOUTH WALL 2E

1/4" = 1'-0"



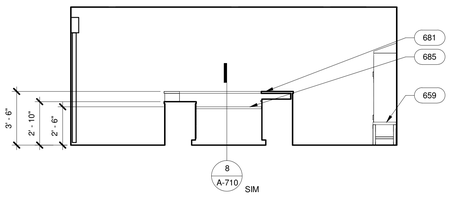
INT. BOOKING_WEST 2D

1/4" = 1'-0"



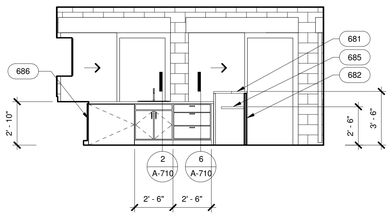
DET. PLAN DETENTION_BOOKING 2

1/4" = 1'-0"



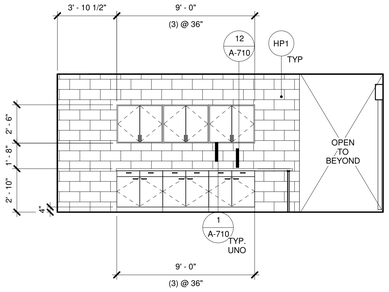
INT. BOOKING_SOUTH 2C

1/4" = 1'-0"



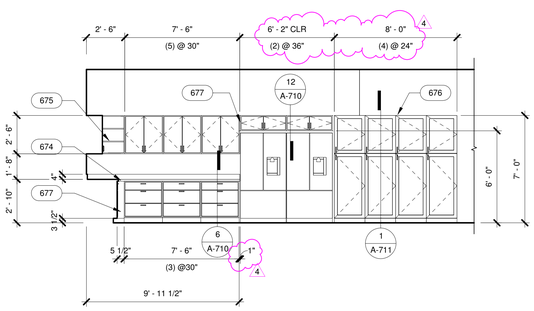
INT. BOOKING_EAST 2B

1/4" = 1'-0"



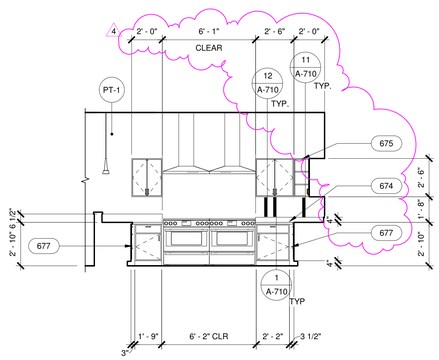
INT. BOOKING_NORTH 2A

1/4" = 1'-0"



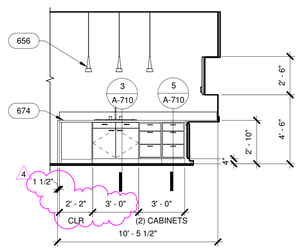
INT. KITCHEN_WEST 1C

1/4" = 1'-0"



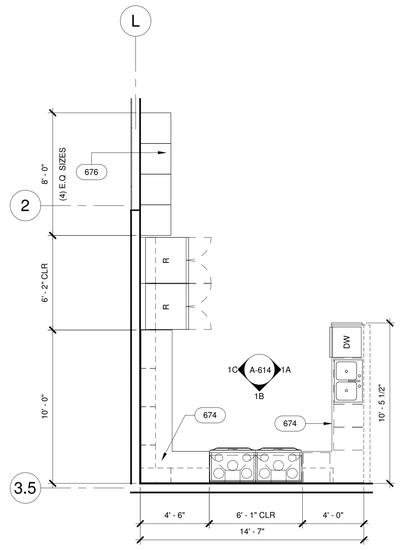
INT. KITCHEN_SOUTH 1B

1/4" = 1'-0"



INT. KITCHEN_EAST 1A

1/4" = 1'-0"



DET. PLAN KITCHEN_DAY ROOM 1

1/4" = 1'-0"

SHEET NOTES

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LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

656 LIGHT FIXTURE; SEE REFLECTED CEILING PLANS FOR TYPE AND MOUNTING HEIGHT
659 FLOOR MOUNTED STEEL DETENTION BENCH WITH CUFF RINGS; BOLT INTO SLAB
674 QUARTZ COUNTER TOP WITH INTEGRAL BACKSPLASH AND WATERFALL EDGE @ PENINSULA COUNTER & 1/2" OVERHANG AT ALL OTHER ENDS OF CABINETS
675 OPEN SHELF CORNER CABINET WITH CONTINUOUS SHELVING TURNING 90 DEG. WITH NO EXPOSED VERTICAL SUPPORT @ CORNER
676 PANTRY CABINETS WITH ADJUSTABLE SHELVES; FINISH TO MATCH BASE CABINETS, TYP
677 FILLER PANEL FINISHED TO MATCH ADJACENT CABINETS, TYP
678 20 GA. STAINLESS STEEL BACKSPLASH WITH GROUND EDGES ADHERED TO WALL
681 STAINLESS STEEL COUNTERTOP WITH INTEGRAL BACKSPLASH
682 1 1/2" THICK MILLWORK PANEL IN FINISH TO MATCH BASE CABINETS
683 PROVIDE SLIDE-OUT KEYBOARD TRAY @ OPENING BETWEEN BASE CABINET AND COUNTERTOP
684 PROVIDE CHASE AT BACK OF CABINETS TO ALLOW POWER AND COMMUNICATION CONNECTIONS TO ROUTE FROM FLOOR CONNECTIONS UP TO COUNTERTOP THROUGH GROMMETED HOLES
685 LAMINATE FINISHED WORKSURFACE, TO MATCH CABINET FINISH
686 MILLWORK PANEL ON HEAVY-DUTY, SELF-CLOSING HINGES WITH MILLWORK STOP WITH SILENCER; ALL SURFACES FINISHED TO MATCH BASE CABINETS
687 FLIP-UP SECTION OF COUNTER TOP ON CONTINUOUS HINGE WITH MILLWORK STOP WITH SILENCERS; ALL SURFACES TO BE FINISHED TO MATCH COUNTER TOP
688 RADIUS CORNER OF WALL TO UNDERSIDE OF CEILING, TRANSITION SMOOTHLY TO EACH PERPENDICULAR FACE
689 PROVIDE 1/2" MIN. RADIUS @ ALL CORNERS OF COUNTER TOPS

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
4	ADDENDUM #7	12.16.20

Registrations

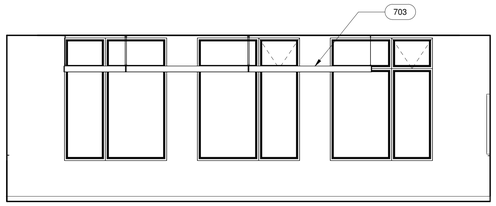
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ENLARGED KITCHEN & BOOKING DRAWINGS

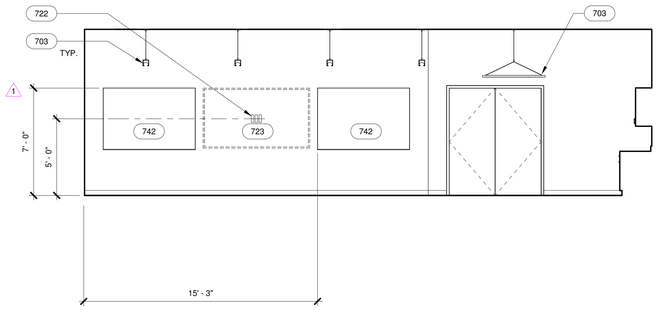
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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-614



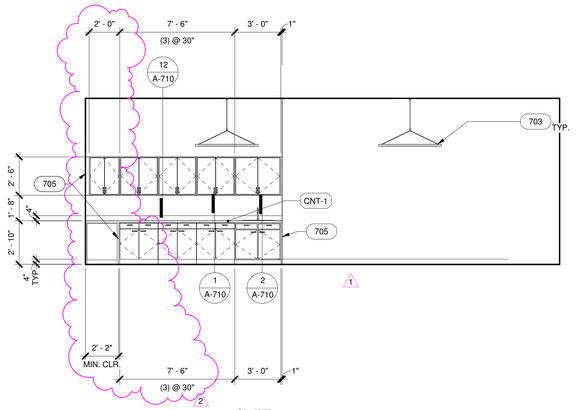
INT. TRAINING_NORTH 12

1/4" = 1'-0"



INT. TRAINING_EAST 6

1/4" = 1'-0"



INT. TRAINING_SOUTH 3

1/4" = 1'-0"

SHEET NOTES

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LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

701 HIGH-DENSITY, MECHANICAL ASSIST, EVIDENCE STORAGE SHELVING ON RECESSED FLOOR RAILS; PROVIDE 16"D ADJUSTABLE SHELVES, TYP., WITH BACK-TO-BACK SHELVES AT MOVING UNITS

702 EVIDENCE PASS-THROUGH LOCKERS WITH (1) REFRIGERATED COMPARTMENT; BASED ON SPACESAVER UNITS #ED3-P-03 AND #EDS-P-10, OR EQUAL; RECESSED MOUNTED

703 LIGHT FIXTURE; SEE RCP'S FOR TYPE AND MOUNTING HEIGHT

704 1 1/2" MILLWORK PANELS; FINISH TO MATCH ADJACENT CABINETS

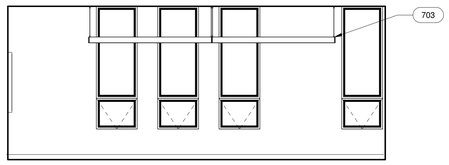
705 PROVIDE FILLER PANEL TO WALL, AS NEEDED, FINISHED TO MATCH ADJACENT CABINET

707 4' x 10' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS

722 COORDINATE MOUNTING HEIGHT OF CABLE, COMMUNICATION AND POWER OUTLETS WITH OWNER, PRIOR TO INSTALLATION

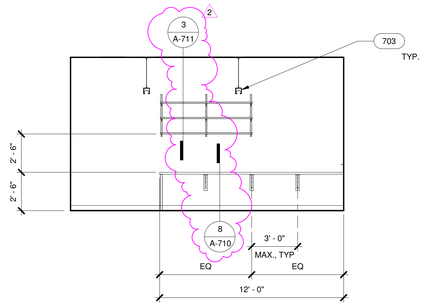
723 WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYP/CAL BACKING DETAILS, G-001

742 4' x 6' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS



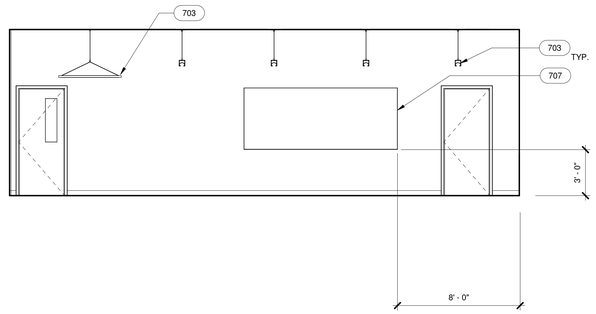
INT. ROLL CALL_NORTH ELEV. 11

1/4" = 1'-0"



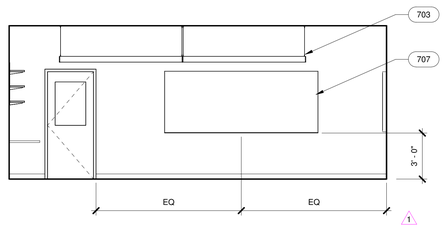
INT. ROLL CALL_EAST ELEV. 8

1/4" = 1'-0"



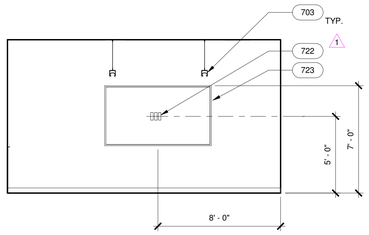
INT. TRAINING_WEST 2

1/4" = 1'-0"



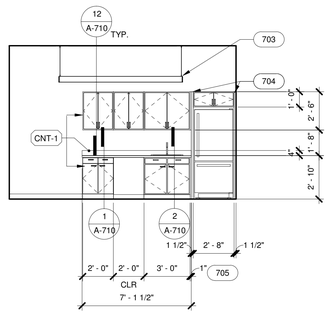
INT. ROLL CALL SOUTH_ELEV. 10

1/4" = 1'-0"



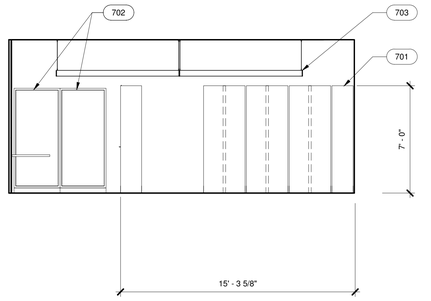
INT. ROLL CALL_WEST ELEV. 7

1/4" = 1'-0"



INT. LUNCH ROOM_WEST 4

1/4" = 1'-0"



INT. EVIDENCE_EAST 1

1/4" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20

Registrations

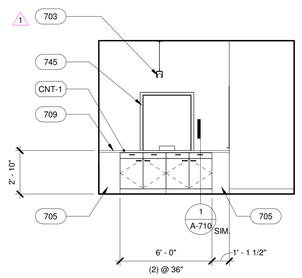
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
INTERIOR ELEVATIONS

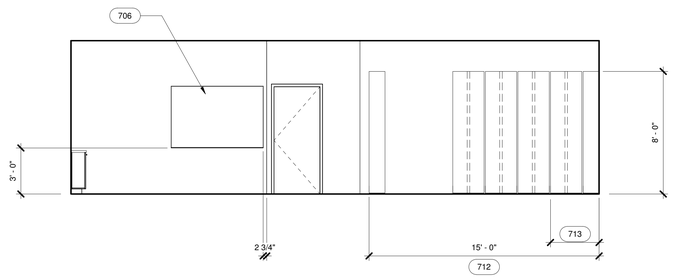
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OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-700



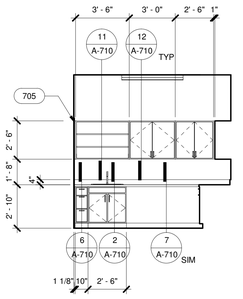
INT. RECORDS CLERK/ARCHIVES_EAST 12

1/4" = 1'-0"



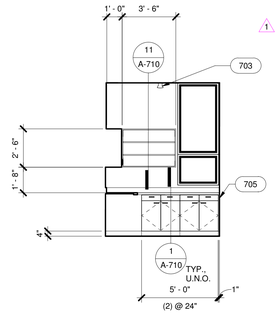
INT. RECORDS CLERK/ARCHIVES_SOUTH 9

1/4" = 1'-0"



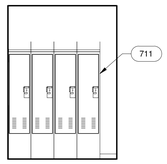
INT. ARMORY_EAST 6

1/4" = 1'-0"



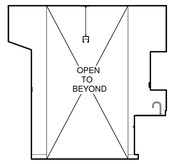
INT. ARMORY_SOUTH 3

1/4" = 1'-0"



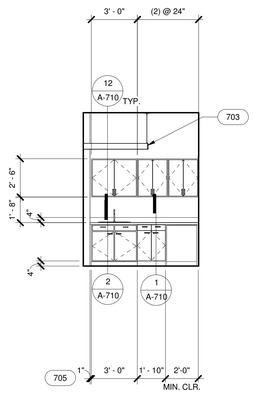
INT. DISPATCH KITCHENETTE_NORTH 11

1/4" = 1'-0"



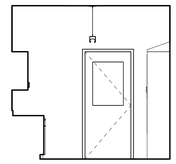
INT. DISPATCH KITCHENETTE_EAST 8

1/4" = 1'-0"



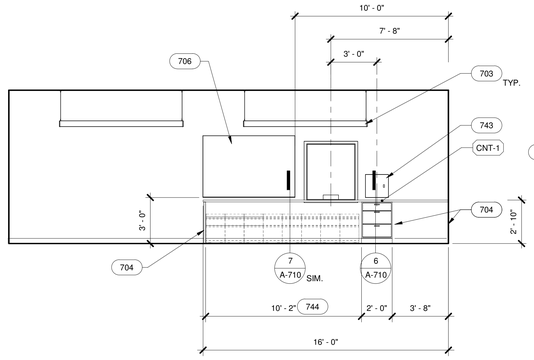
INT. DISPATCH KITCHENETTE_SOUTH 5

1/4" = 1'-0"



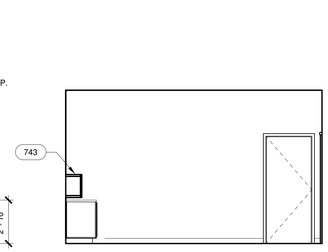
INT. DISPATCH KITCHENETTE_WEST 2

1/4" = 1'-0"



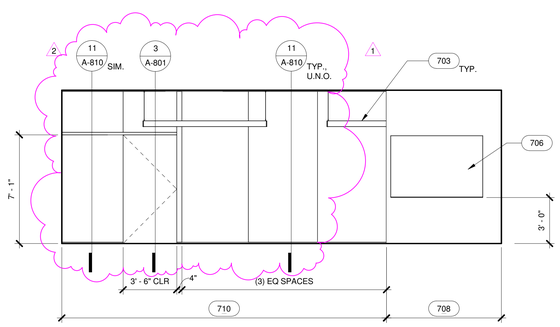
INT. DISPATCH_NORTH 10

1/4" = 1'-0"



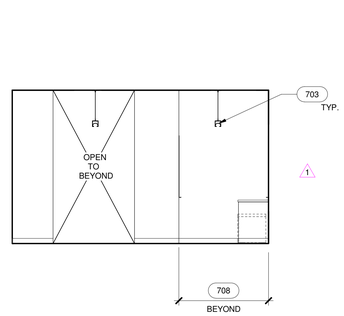
INT. DISPATCH_EAST 7

1/4" = 1'-0"



INT. DISPATCH_SOUTH 4

1/4" = 1'-0"



INT. DISPATCH_WEST 1

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP. U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP. U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

703 LIGHT FIXTURE; SEE RCP'S FOR TYPE AND MOUNTING HEIGHT
704 1 1/2" MILLWORK PANELS; FINISH TO MATCH ADJACENT CABINETS
705 PROVIDE FILLER PANEL TO WALL, AS NEEDED, FINISHED TO MATCH ADJACENT CABINET
706 3' x 4' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS
708 DISPATCH SUPERVISOR DESK AREA
709 12"D TRANSACTION COUNTER TOP WITH NO BACKSPLASH OR APRON, SUPPORTED WITH STEEL ANGLES SECURED TO STUDS AND BACKING; SCRIBE TIGHT TO WALL AND PROVIDE CONTINUOUS SEALANT
710 TYPE 8 GLASS PARTITION WITH SLIDING DOOR BY PARTITION MANUFACTURER; SEE G-001 FOR TYPICAL INTERIOR PARTITION TYPES
711 18"W x 18"D x 84"H PERSONAL STORAGE LOCKERS WITH VENTED DOORS AND SLOPED TOPS
712 HIGH-DENSITY, MECHANICAL ASSIST, RECORDS ARCHIVE STORAGE SHELVING ON RECESSED FLOOR RAILS; PROVIDE HANGING RAILS FOR 9-1/2" x 11" OBLIQUE-TYPE HANGING FOLDERS UP TO 60" A.F.F., WITH 12"D ADJUSTABLE SHELVES ABOVE, TYP. U.N.O., WITH BACK-TO-BACK SHELVES AT MOVING UNITS
713 PROVIDE 16"D ADJUSTABLE SHELVES FOR FULL HEIGHT OF INDICATED UNITS FOR STORAGE OF TYPICAL BANKER'S-SIZE CARDBOARD BOXES
743 18"W x 18"H x 18"D BULLETPROOF PRE-FABRICATED PAINTED STEEL PACKAGE PASS THROUGH UNIT WITH INTERLOCKED BALLISTIC MATERIAL LINED DOORS WITH METAL HANDLES
744 STAGING AREA FOR 15"W x 21"H x 22"D MOBILE PEDESTAL FURNITURE UNITS TO BE PROVIDED BY OWNER
745 BULLETPROOF PRE-FABRICATED TRANSACTION WINDOW WITH INTEGRAL VOICE RAILS AND POLYCARBONATE GLAZING

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1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20

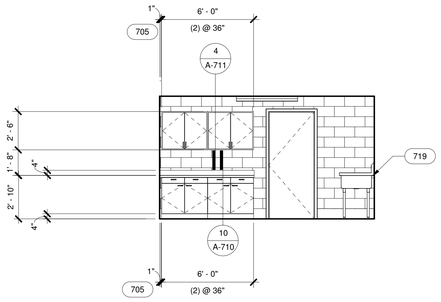
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

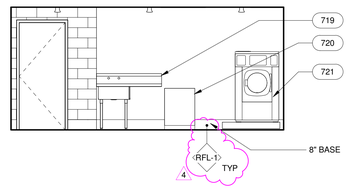
Drawing Title
INTERIOR ELEVATIONS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-701



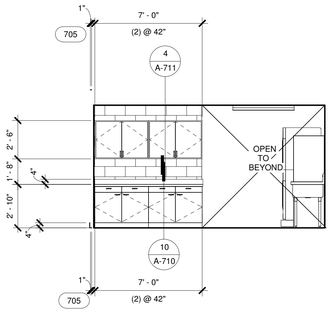
INT. TURNOUT/DECON_NORTH 9

1/4" = 1'-0"



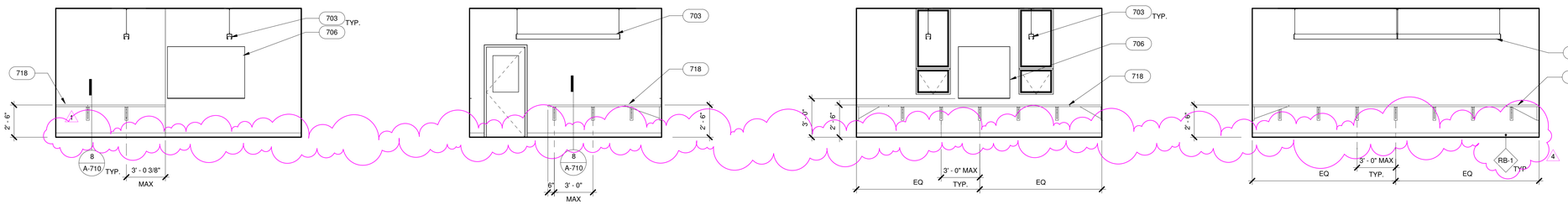
INT. TURNOUT/DECON_EAST 6

1/4" = 1'-0"



INT. MEDICAL DECON_SOUTH 3

1/4" = 1'-0"



INT. SEARGANTS_NORTH 11

1/4" = 1'-0"

INT. SEARGANTS_EAST 8

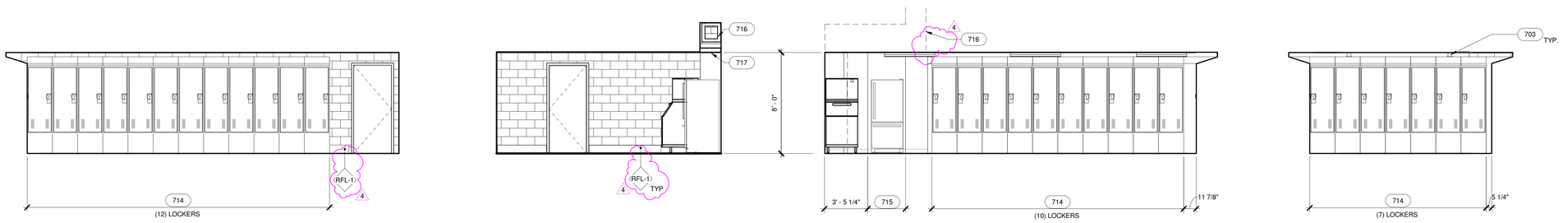
1/4" = 1'-0"

INT. SEARGANTS_SOUTH 5

1/4" = 1'-0"

INT. SEARGANTS_WEST 2

1/4" = 1'-0"



INT. GEAR STORAGE__NORTH 10

1/4" = 1'-0"

INT. GEAR STORAGE_EAST 7

1/4" = 1'-0"

INT. GEAR STORAGE_SOUTH 4

1/4" = 1'-0"

INT. GEAR STORAGE_WEST 1

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

703 LIGHT FIXTURE; SEE RCP'S FOR TYPE AND MOUNTING HEIGHT
705 PROVIDE FILLER PANEL TO WALL, AS NEEDED, FINISHED TO MATCH ADJACENT CABINET
706 MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS, SEE PLANS FOR SIZE
713 PROVIDE 16"D ADJUSTABLE SHELVES FOR FULL HEIGHT OF INDICATED UNITS FOR STORAGE OF TYPICAL BANKER'S-SIZE CARDBOARD BOXES
714 24"W x 24"D x 84"H METAL GEAR LOCKERS WITH VENTED DOORS AND SLOPED TOPS; PROVIDE INTEGRAL DUPLEX POWER OUTLETS AT INTERIOR AND FILLER PANELS TO MATCH LOCKER FINISH @ ANY GAPS TO WALLS OR ADJACENT LOCKERS
715 REFRIGERATOR NICHE CREATED FROM FURRING AROUND ELECTRICAL CONDUIT DUCT JOGGING UP TO MEZZANINE ELECTRICAL ROOM FROM BELOW SLAB; SEE ELECTRICAL DRAWINGS
716 CONCRETE ELECTRICAL CONDUIT DUCT, PER ELECTRICAL, RUNNING UP FROM UNDER SLAB, TURNING 90 DEG. ALONG UNDERSIDE OF MEZZANINE DECK ABOVE, THEN TURNING UP 90 DEG. AGAIN TO ENTER ELECTRICAL ROOM AT MEZZANINE
717 5/8" GYP. BOARD OVER 7/8" FURRING HAT CHANNELS AT ALL EXPOSED FACES OF CONCRETE CONDUIT DUCT
718 BUILT-IN PLAM. WORKSURFACE WITH WOOD EDGE AND MILLWORK WALL SUPPORTS
719 FREESTANDING STAINLESS STEEL SINK, PER PLUMBING DRAWINGS
720 NEW COMMERCIAL DISHWASHER BY G.C.
721 RELOCATED, EXISTING GEAR WASHER/EXTRACTOR ON CONCRETE PAD; FURNISHED BY OWNER, INSTALLED BY G.C.

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
4	ADDENDUM #7	12.16.20

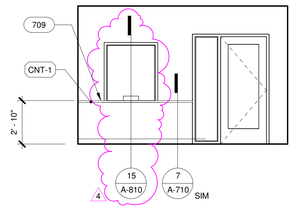
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

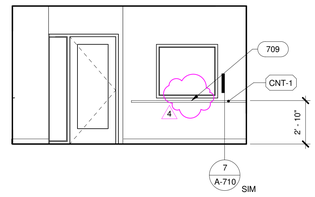
Drawing Title
INTERIOR ELEVATIONS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-702



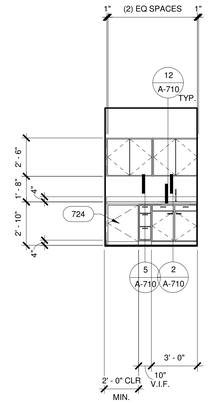
INT. ADMIN. 327 WEST ELEV. 9

1/4" = 1'-0"



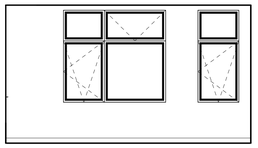
INT. ADMIN. 305_EAST ELEV. 6

1/4" = 1'-0"



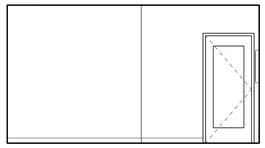
INT. TYP. COFFEE POINT 3

1/4" = 1'-0"



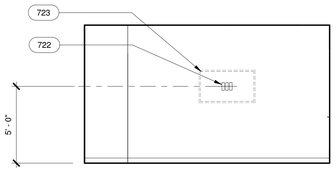
INT. CONFERENCE 322_NORTH 11

1/4" = 1'-0"



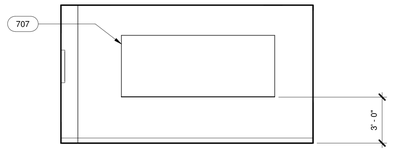
INT. CONFERENCE 322_EAST 8

1/4" = 1'-0"



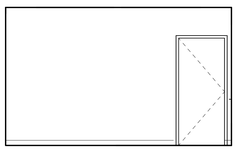
INT. CONFERENCE 322_SOUTH 5

1/4" = 1'-0"



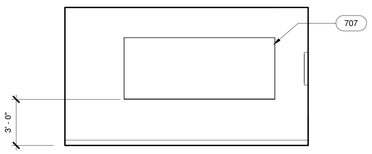
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1/4" = 1'-0"



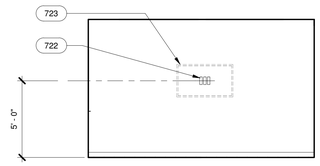
INT. CONFERENCE 311_NORTH 10

1/4" = 1'-0"



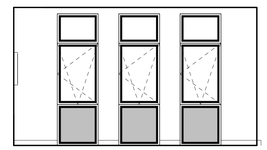
INT. CONFERENCE 311_EAST 7

1/4" = 1'-0"



INT. CONFERENCE 311_SOUTH 4

1/4" = 1'-0"



INT. CONFERENCE 311_WEST 1

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

707 4' x 10' MAGNETIC GLASS MARKER BOARD WITH MARKER TRAY AND STAND OFF EDGE MOUNTS

709 12"D TRANSACTION COUNTER TOP WITH NO BACKSPLASH OR APRON, SUPPORTED WITH STEEL ANGLES SECURED TO STUDS AND BACKING; SCRIBE TIGHT TO WALL AND PROVIDE CONTINUOUS SEALANT

722 COORDINATE MOUNTING HEIGHT OF CABLE, COMMUNICATION AND POWER OUTLETS WITH OWNER, PRIOR TO INSTALLATION

723 WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYPICAL BACKING DETAILS, G-001

724 NEW UNDERCOUNTER REFRIGERATOR PROVIDED BY G.C.

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Revision Schedule

Number	Revision	Date
4	ADDENDUM #7	12.16.20

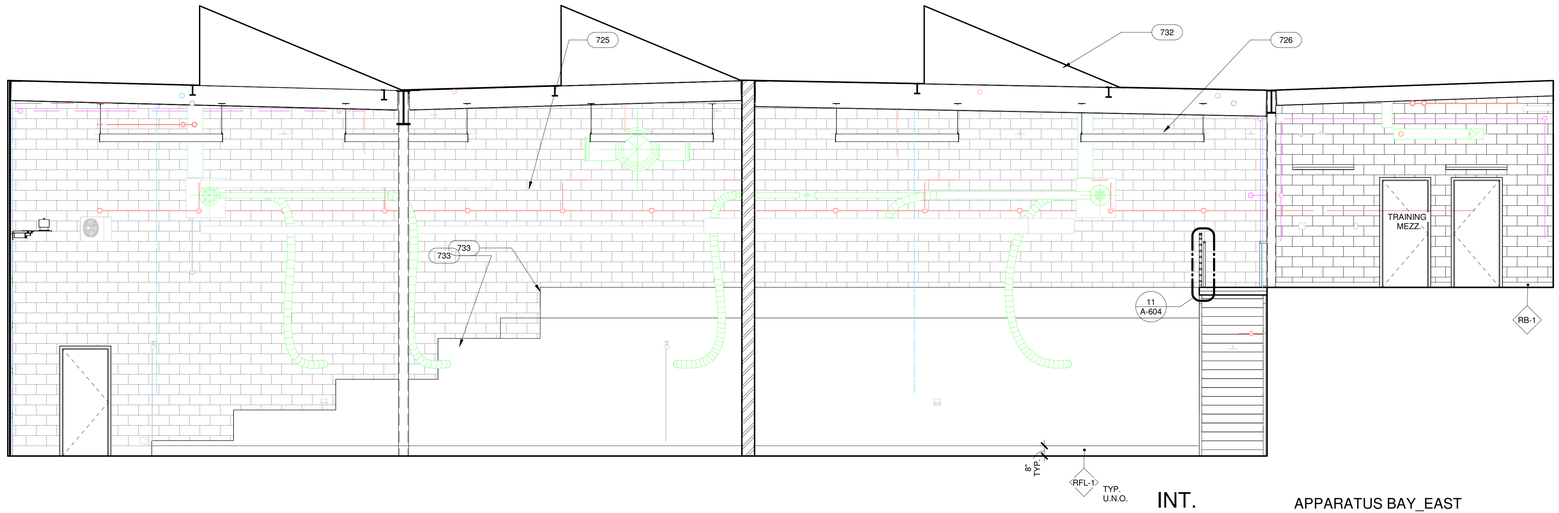
Registrations

Consultants

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ASHLAND PUBLIC SAFETY BUILDING
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TOWN OF ASHLAND

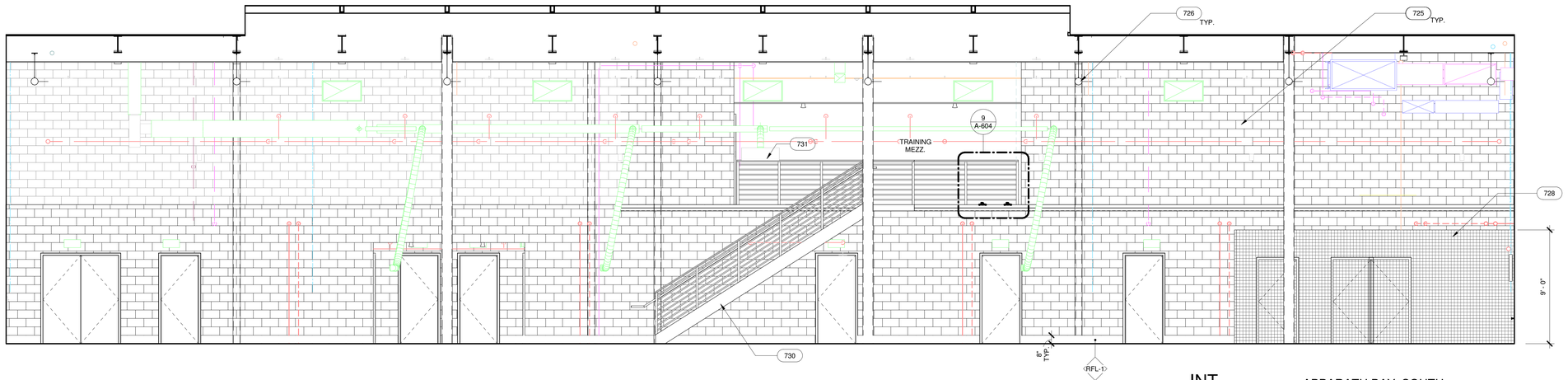
Drawing Title
INTERIOR ELEVATIONS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-703



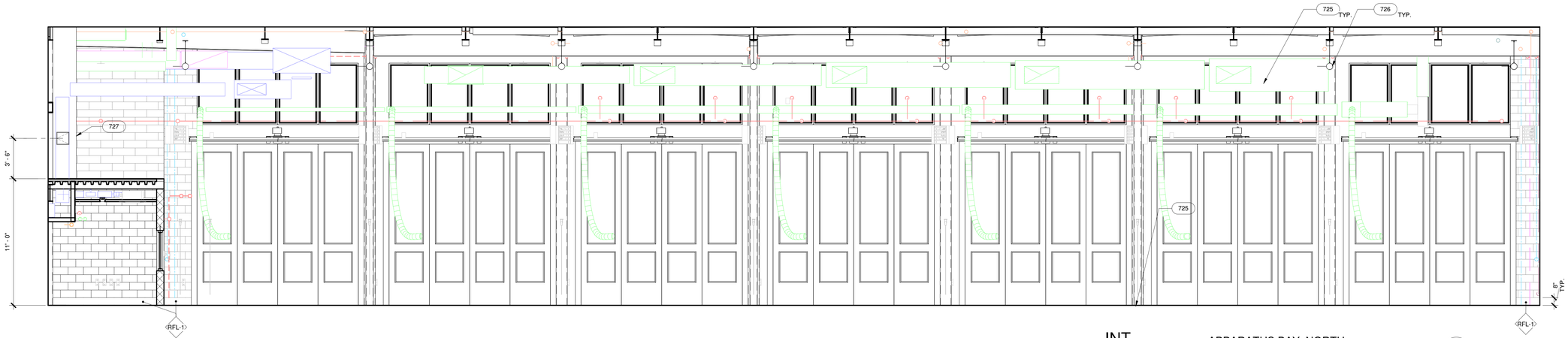
INT. APPARATUS BAY_EAST 3

1/4" = 1'-0"



INT. APPARATU BAY_SOUTH 2

1/4" = 1'-0"



INT. APPARATUS BAY_NORTH 1

1/4" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISHES SCHEDULE AND TOILET ACCESSORY SCHEDULE.
2. REFER TO FINISH PLANS FOR FLOOR FINISHES AND EXTENTS OF WALL FINISHES.
3. ALL INTERIOR RAILINGS ARE TO RECEIVE POWDER COAT FINISH.
4. PAINT FINISH @ ALL INTERIOR GYP. BOARD WALLS IS PT-1, TYP, U.N.O. PAINT FINISH @ WALLS IN APPARATUS BAYS, DETENTION AREAS AND SALLY PORT ARE HP-1, TYP, U.N.O.
5. ALL NEW APPLIANCES AND EQUIPMENT ARE TO BE PROVIDED BY G.C., U.N.O.
6. ALL RELOCATED, EXISTING APPLIANCES AND EQUIPMENT ARE FURNISHED BY OWNER AND INSTALLED BY G.C.

LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

725 SEE MEP+FP DRAWINGS FOR EQUIPMENT TYPES, SIZES AND ROUTING, TYP.

726 SPECIFIED PENDANT LIGHT FIXTURES TO BE MOUNTED TO UNDERSIDE OF STRUCTURE WITH SUSPENSION CABLES ADJUSTED AS NEEDED TO MAINTAIN BOTTOM OF FIXTURE HEIGHT INDICATED ON RCP'S

727 2-HOUR RATED CONDUIT CHASE FROM SERVER ROOM PLENUM AREA, UP TO UNDERSIDE OF APPARATUS BAY ROOF. SEE PLANS; PROVIDE 12" x 12" 2-HOUR RATED ACCESS PANEL WHERE SHOWN AND COORDINATED WITH SWITCHING ON ELECTRICAL DRAWINGS; PROVIDE FIRE-RESISTIVE SEALANT @ ALL JOINTS AND FIRE PROTECTION @ ALL PENETRATIONS TO MAINTAIN RATING

728 WOVEN WIRE MESH PARTITIONS WITH LOCKABLE SWINGING GATES AND GATE HARDWARE BY PARTITION MANUF.; SECURE TO SLAB AND BRACE OVERHEAD PER MANUF.'S RECOMMENDATIONS

730 LOUVERS OVER DOORS, SEE MECHANICAL, TYP

731 STEEL GUARDRAIL WITH REOVABLE SECTION FOR FIRE DEPARTMENT TRAINING

732 AREA OF SAWTOOTH SKYLIGHTS, TYP. OF (3); EXPOSED UNDERSIDE OF DECK AND GYP. BOARD FINISHED VERTICAL ENCLOSURE, TYP

733 CONCRETE RETAINING WALL WITH SCHEDULED PAINT FINISH

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Revision Schedule

Number	Revision	Date

Registrations

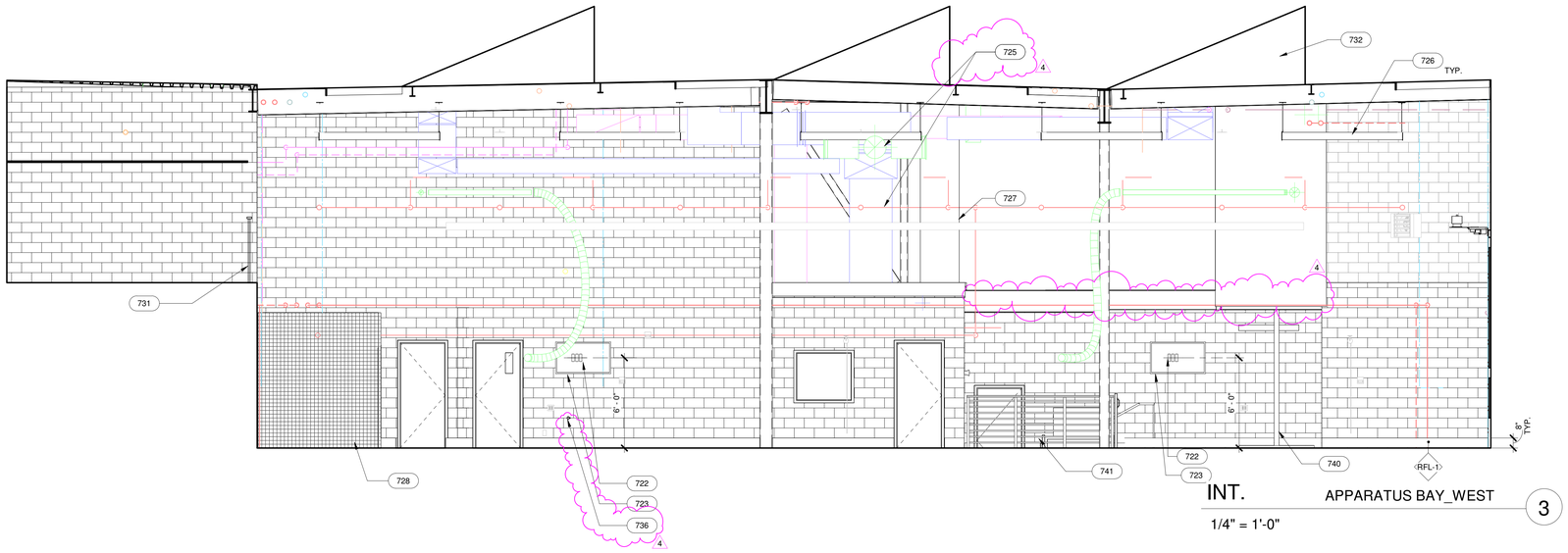
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
INTERIOR ELEVATIONS

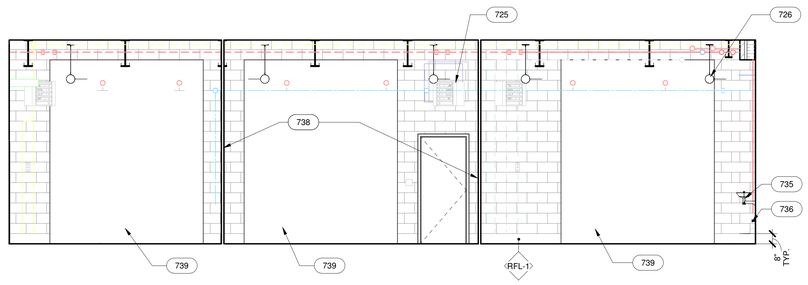
Author — Checker
Drawn by — Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set

Drawing number
A-704



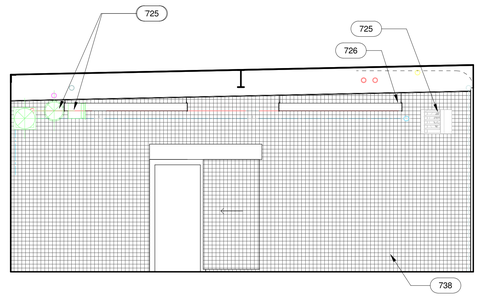
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1/4" = 1'-0"



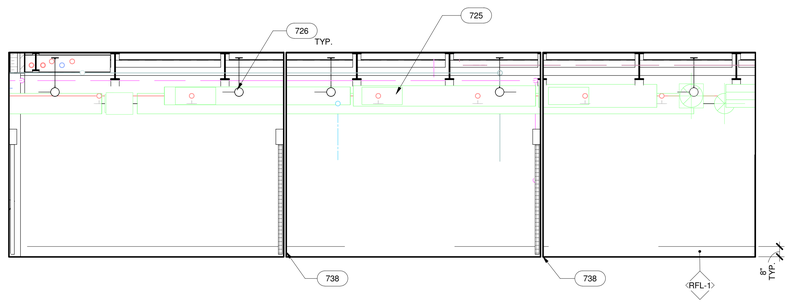
INT. SALLY PORT_WEST 4

1/4" = 1'-0"



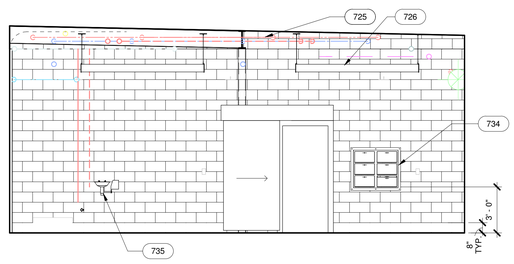
INT. SALLY PORT_SOUTH 2

1/4" = 1'-0"



INT. SALLY PORT_EAST 5

1/4" = 1'-0"



INT. SALLY PORT_NORTH 1

1/4" = 1'-0"

SHEET NOTES

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LEGEND

- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- XX — TOILET ACCESSORY

KEYNOTES

722 COORDINATE MOUNTING HEIGHT OF CABLE, COMMUNICATION AND POWER OUTLETS WITH OWNER, PRIOR TO INSTALLATION

723 WALL MOUNTED T.V. AND BRACKET, FURNISHED BY OWNER, INSTALLED BY G.C.; COORDINATE FINAL MOUNTING HEIGHT WITH OWNER, PRIOR TO INSTALLATION OF OUTLETS TO BE CONNECTED; PROVIDE BACKING IN WALL PER TYPICAL BACKING DETAILS, G-001

725 SEE MEP+FP DRAWINGS FOR EQUIPMENT TYPES, SIZES AND ROUTING, TYP.

726 SPECIFIED PENDANT LIGHT FIXTURES TO BE MOUNTED TO UNDERSIDE OF STRUCTURE WITH SUSPENSION CABLES ADJUSTED AS NEEDED TO MAINTAIN BOTTOM OF FIXTURE HEIGHT INDICATED ON RCP'S

727 2-HOUR RATED CONDUIT CHASE FROM SERVER ROOM PLENUM AREA, UP TO UNDERSIDE OF APPARATUS BAY ROOF. SEE PLANS; PROVIDE 12" x 12" 2-HOUR RATED ACCESS PANEL WHERE SHOWN AND COORDINATED WITH SWITCHING ON ELECTRICAL DRAWINGS; PROVIDE FIRE-RESISTIVE SEALANT @ ALL JOINTS AND FIRE PROTECTION @ ALL PENETRATIONS TO MAINTAIN RATING

728 WOVEN WIRE MESH PARTITIONS WITH LOCKABLE SWINGING GATES AND GATE HARDWARE BY PARTITION MANUF.; SECURE TO SLAB AND BRACE OVERHEAD PER MANUF.'S RECOMMENDATIONS

731 STEEL GUARDRAIL WITH REMOVABLE SECTION FOR FIRE DEPARTMENT TRAINING

732 AREA OF SAWTOOTH SKYLIGHTS, TYP. OF (3); EXPOSED UNDERSIDE OF DECK AND GYP. BOARD FINISHED VERTICAL ENCLOSURE. TYP

734 SPECIFIED PISTOL LOCKER RECESS MOUNTED IN CMU; COORDINATE INSTALLATION WITH MANUF. RECOMMENDATIONS

735 EMERGENCY EYE WASH; SEE PLUMBING DRAWINGS

736 HOSE BIB LOCATION; SEE PLUMBING DRAWINGS

738 WOVEN WIRE MESH PARTITIONS WITH LOCKABLE SLIDING GATE AND GATE HARDWARE BY PARTITION MANUF.; SECURE TO SLAB AND UNDERSIDE OF ROOF DECK ABOVE PER MANUF.'S RECOMMENDATIONS

739 SCHEDULE OVERHEAD DOOR BEYOND, TYP

740 FIRE POLE AND LANDING PAD BY FIRE POLE MANUFACTURER.

741 STEEL GUARDRAIL AND HANDRAIL PER STAIR DRAWINGS, A-604

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

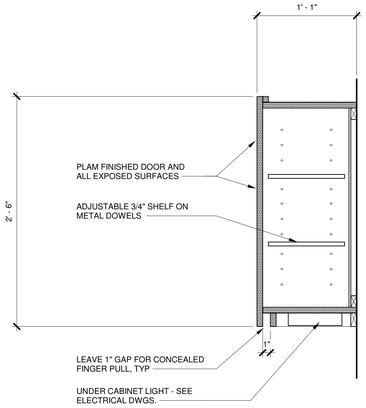
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

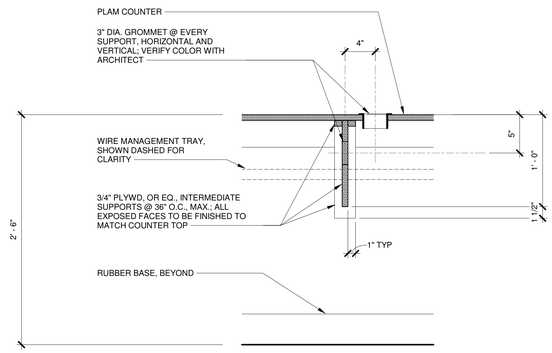
Drawing Title
INTERIOR ELEVATIONS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-705



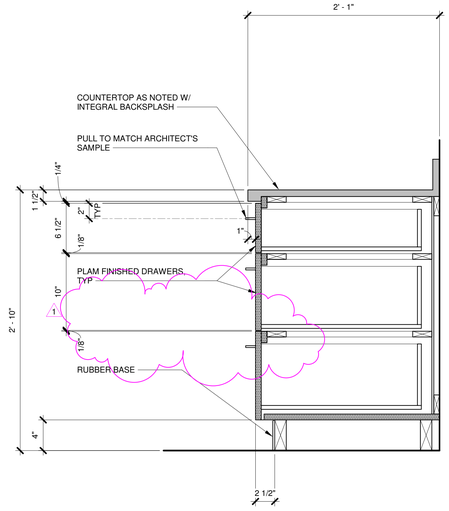
DET. UPPER CABINET 12

1 1/2" = 1'-0"



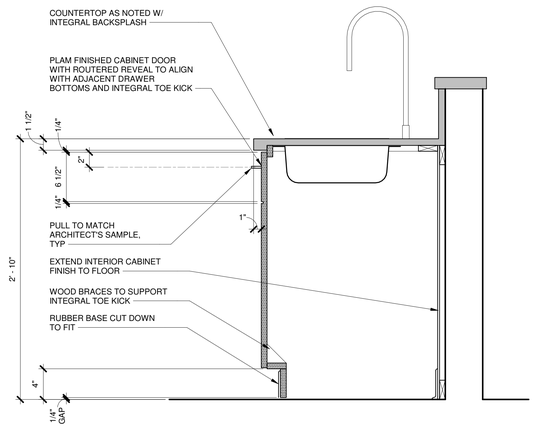
DET. WORK SURFACE SUPPORT 9

1 1/2" = 1'-0"



DET. BASE CABINET 3-DRAWER 6

1 1/2" = 1'-0"



DET. SINK BASE CABINET, @ PENINSULA 3

1 1/2" = 1'-0"

DET. UPPER OPEN CABINET 11

1 1/2" = 1'-0"

DET. WORK SURFACE 8

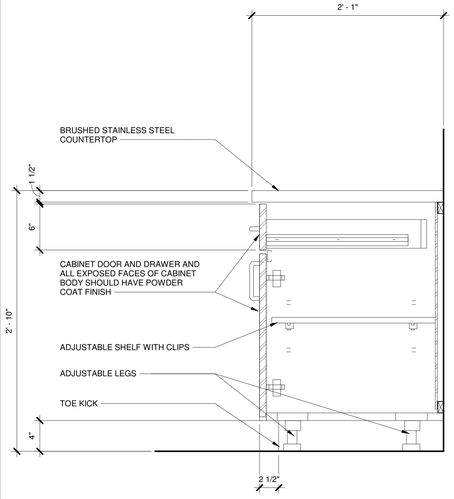
1 1/2" = 1'-0"

DET. BASE CABINET 3-DRAWER @ PENINSULA 5

1 1/2" = 1'-0"

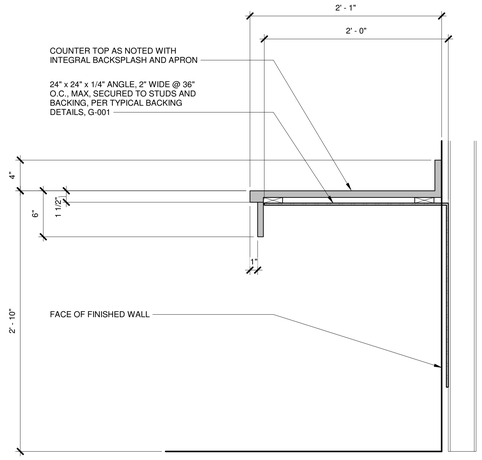
DET. SINK BASE CABINET 2

1 1/2" = 1'-0"



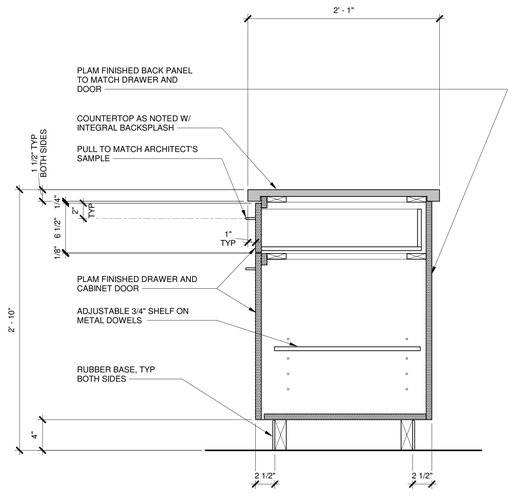
DET. METAL BASE CABINET 10

1 1/2" = 1'-0"



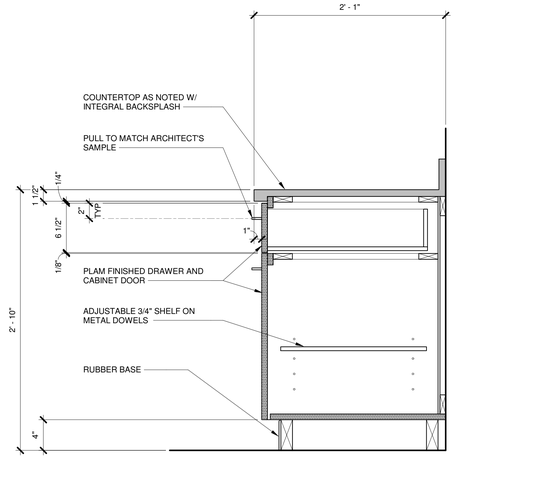
DET. COUNTER TOP ONLY 7

1 1/2" = 1'-0"



DET. ISLAND/PENINSULA CABINET 4

1 1/2" = 1'-0"



DET. BASE CABINET W/DRAWER 1

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20

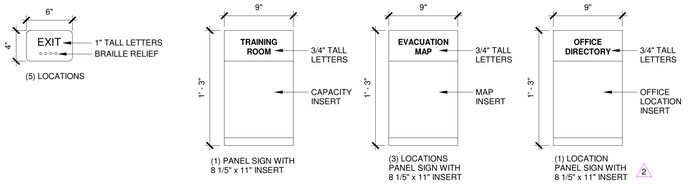
Registrations

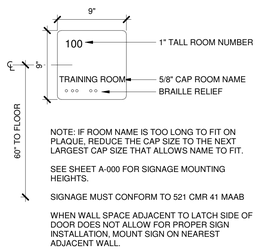
Consultants

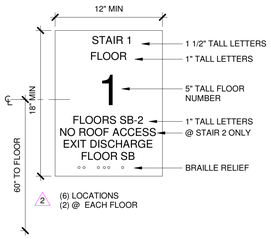
Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
MILLWORK DETAILS

PJC Drawn by | PJC Checked by
Date: OCTOBER 23, 2020
Job number: 21917
Drawing set: CONSTRUCTION DOCUMENTS
Drawing number: A-710

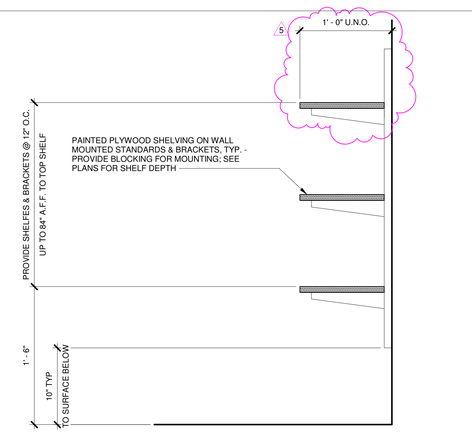






PLAQUE SCHEDULE

PLAQUE TYPE	DESCRIPTION	PLAQUE TYPE	DESCRIPTION
A 555 ROOM NAME	ROOM NAME SIGN	E MEN STAFF	MEN STAFF
B WOMEN	WOMEN H/C	F WOMEN STAFF	WOMEN STAFF
C MEN	MEN H/C	G	IN CASE OF FIRE...
D EXIT STAIR	STAIR		

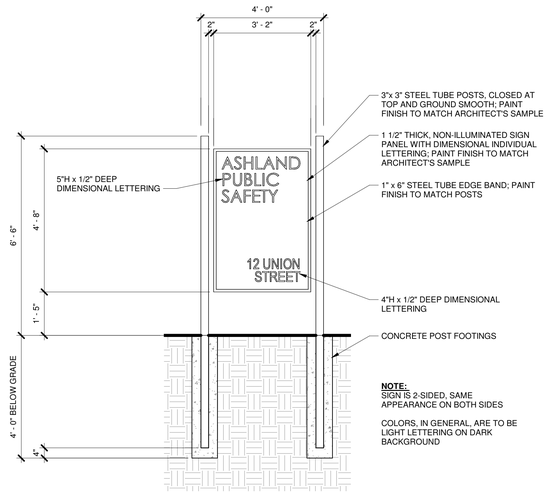


DET. SHELVES ON BRACKETS 3

1 1/2" = 1'-0"

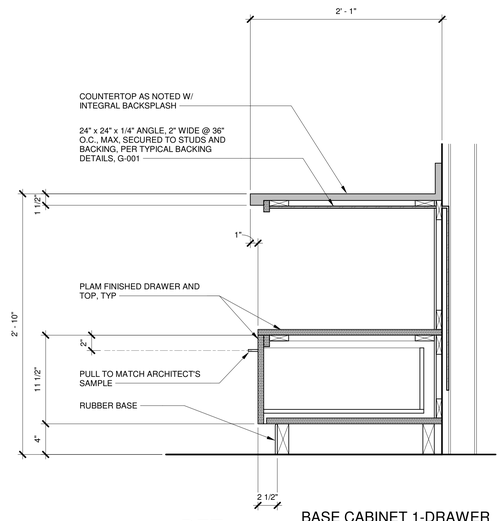
SIGN TYP. INTERIOR SIGNAGE DETAILS 6

1 1/2" = 1'-0"



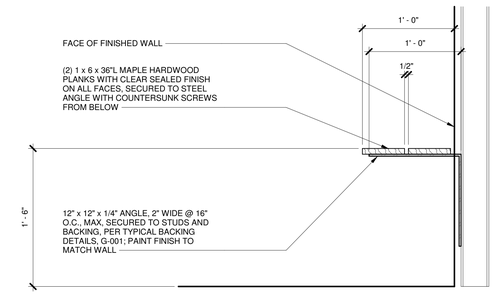
SIGN SITE SIGN 8

1/2" = 1'-0"



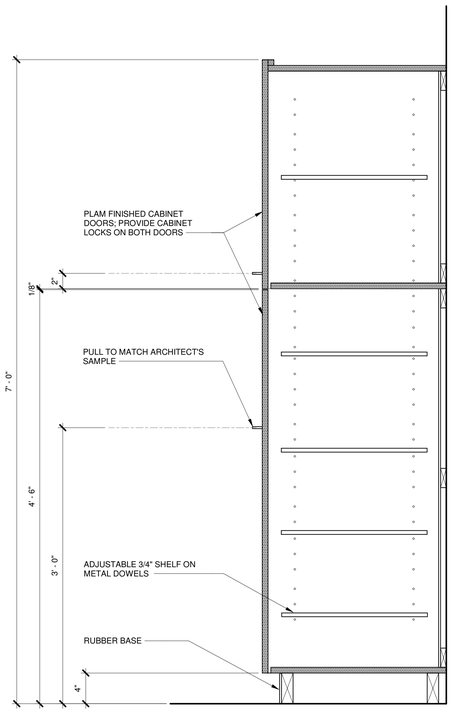
DET. BASE CABINET 1-DRAWER LOW 5

1 1/2" = 1'-0"



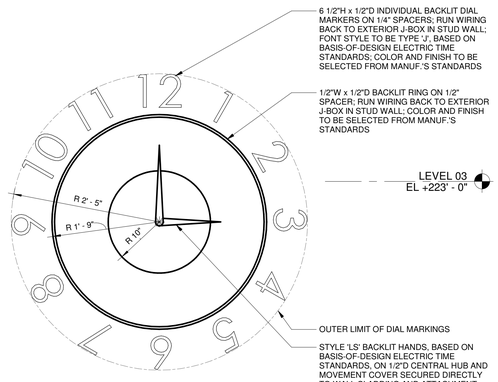
DET. BUILT-IN BENCH 2

1 1/2" = 1'-0"



DET. PANTRY CABINET 1

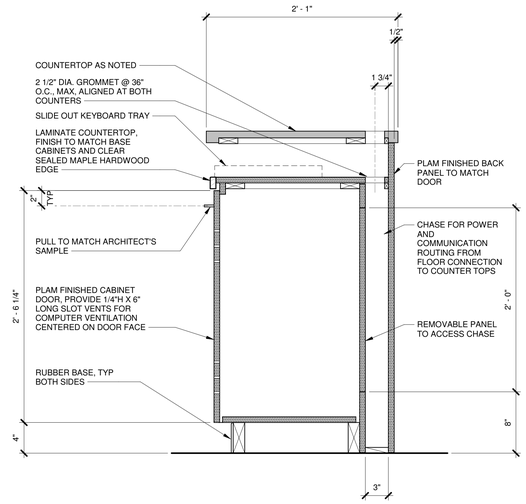
1 1/2" = 1'-0"



DET. CLOCK FACE DETAIL 10

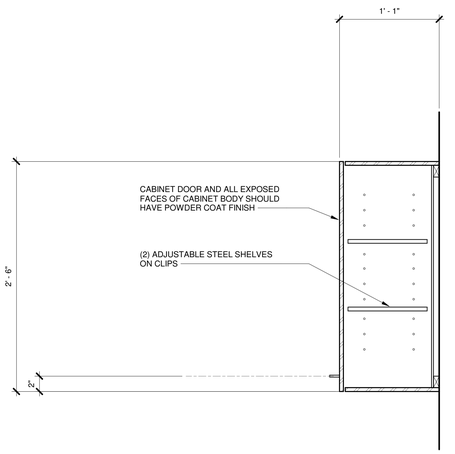
1" = 1'-0"

2



DET. BASE COMPUTER CABINET 7 1

1 1/2" = 1'-0"



DET. METAL UPPER CABINET 4

1 1/2" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
5	ADDEDUM #8	12.18.20

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

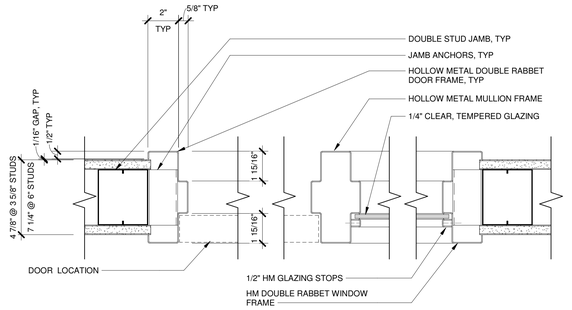
Drawing Title
MILLWORK, SIGNAGE & MISC. DETAILS
5

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number
A-711

DOOR SCHEDULE

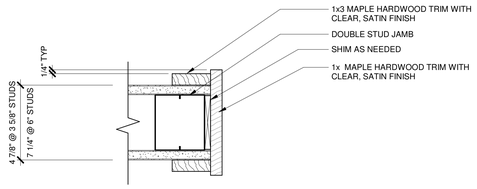
DOOR #	LOCATION FROM ROOM	LOCATION TO ROOM	DOOR TYPE	DOOR MAT'L	DOOR FINISH	DOOR WIDTH	DOOR HEIGHT	FRAME TYPE	FRAME MAT'L	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS THRESH	HDWR SET	FIRE RATING	NOTES
225	200	225	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32	20 MIN.	
226	200	226	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32	20 MIN.	
227	EXT	227	FD	HM	MFR	6' - 0"	7' - 0"	B	HM	PTD	6/A-801	5/A-801	4/A-803	55		
228	228	EXT	F	HM	MFR	3' - 0"	7' - 0"	B	HM	PTD	6/A-801	5/A-801	4/A-803	18		
228B	EXT	CLOSET	FD	HM	MFR	6' - 0"	7' - 0"	B	HM	PTD	6/A-801	5/A-801	4/A-803	27		
229	EXT	229	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	6/A-801	5/A-801 SIM	4/A-803	25		
230	229	230	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/-A801	1/A-801	9/A-900	42		
231	229	231	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/-A801	1/A-801	9/A-900	43		
ST201A	200	STAIR 1	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-803 SIM	57	60 MIN.	
ST201B	STAIR 1	EXT	N	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	9/A-801	8/A-801	4/A-803	06		
ST201C	STAIR 1	STAIR 1	-	STEEL	PTD	3' - 0"	3' -6"	-	STEEL	PTD	N/A	7/A-602	N/A	53		STAIR 1 EGRESS GATE BY RAILING CONTRACTOR; SEE A-600 AND A-602
ST202	200	STAIR 2	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-803 SIM	57	60 MIN.	
LEVEL 03																
300A	318	300	FG	WD	CLR	3' - 0"	7' - 0"	C	HM	PTD	2/A-800	4/A-800	-	38		
300B	319	300	FG	WD	CLR	3' - 0"	7' - 0"	C	HM	PTD	2/A-800	4/A-800	-	38		
301	301	300	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	40		
302	300	302	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	11		
303	300	303	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32		
304	300	304	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32		
305A	EXT	305	FG	POLYMER	PTD	3' - 0"	7' - 0"	A	POLYMER	PTD	10/A-801	7/A-801	9/A-813 SIM	20		
305B	305	305	F	WD	CLR	2' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	08		
306	306	318	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40.1		
307	318	307	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
308	318	308	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
309	318	309	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
310	318	310	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
311	318	311	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
312A	318	312	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
312B	312A	312	F	WD	CLR	2' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	08		
313	318	313	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
314	318	314	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
315	318	315	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
316	318	316	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
319	319	CLOSET	FD	WD	CLR	6' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	19		
321	319	321	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	40		
322	319	322	FG	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
323A	319	323	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
323B	323 A	323	F	WD	CLR	2' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	08		
324	319	324	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
325	319	325	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
326	319	326	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	29		
328	319	328	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	40		
329	329	319	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	45		
330	319	330	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	33		
ST301A	319	STAIR 1	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-803 SIM	57	60 MIN.	
ST301B	ROOF	STAIR 1	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	8/A-802	7/A802	5/A-803	20		
ST302	318	STAIR 2	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-803 SIM	57	60 MIN.	

DOOR #	LOCATION FROM ROOM	LOCATION TO ROOM	DOOR TYPE	DOOR MAT'L	DOOR FINISH	DOOR WIDTH	DOOR HEIGHT	FRAME TYPE	FRAME MAT'L	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS THRESH	HDWR SET	FIRE RATING	NOTES
LEVEL 01																
100A	EXT	100	S	ALUM	PTD	3' - 0"	8' - 0"	-	POLYMER	PTD	2/A-813	4/A-813	3/A-813	26		
100B	100	101	S	ALUM	PTD	3' - 0"	8' - 0"	-	POLYMER	PTD	8/A-813	7/A-813	-	03		
101B	139	101	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	11/A-900	37		
102A	102	114-B	B	GLASS	N/A	3' - 6"	7' - 1"	-	ALUM	BRUSHED	3/A-801	3/A-803	3/A-801	56		
102B	114-A	102	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-900	37		
103	102	103	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900 SIM	32		
105A	101	105	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	11/A-900	39		
105B	114	105	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	37		
106	114	106	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	37		
108	114	108	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	31		
109	114	109	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	5/A-900	40.1		
111	114	111	FG	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	31		
113	114-A	113	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	33		
114	101	114	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	3/A-900	44		
114C.1	114-B	114-C	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	3/A-900	13		
114B	119-A	114-B	N	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	5/A-900	36		
114C.2	141	114-C	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	3/A-900 SIM	40		
115A	EXT	115	S	ALUM	PTD	3' - 0"	8' - 0"	-	ALUM	PTD	2/A-813 SIM	6/A-813	3/A-813	01		
115B	114-B	115	S	ALUM	PTD	3' - 0"	7' - 0"	A	ALUM	PTD	8/A-813	7/A-813	3/A-900	03.1		
116A	114-B	116	N	WD	CLR	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	5/A-900	36.1		
116B	116	119-A	N	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	-	36.1		
117	119-A	117	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
118	117	118	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
119A	120	119	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	36.1		
119B	122	119	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
121	122	121	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
122	123	122	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	9/A-900	51		
123A	123	EXT	O	STEEL	MANUF.	10' - 0"	12' - 0"		STEEL	MANUF.	6/A-802	9/A-802	-	50		
123B	123	124	WW	WOVEN WIRE	MANUF.	3' - 0"	7' - 0"	-	STEEL	MANUF.	BY MANUF.	BY MANUF.	-	51		MANUF.'S VERTICAL LEVER HANDLES
124	124	125	WW	WOVEN WIRE	MANUF.	3' - 0"	7' - 0"	-	STEEL	MANUF.	BY MANUF.	BY MANUF.	-	54	4	MANUF.'S VERTICAL LEVER HANDLES
124A	124	EXT	O	STEEL	MANUF.	10' - 0"	12' - 0"		STEEL	MANUF.	6/A-802	9/A-802	-	50		
124B	124	EXT	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	6/A-801	5/A-801	4/A-803	02		
125A	125	128	FD	HM	MANUF.	6' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	48		
125B	125	128	FD	HM	MANUF.	6' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	48		
125C	125	EXT	O	STEEL	MANUF.	10' - 0"	12' - 0"		STEEL	MANUF.	6/A-802	9/ A-802	-	50		
126-A	125	126	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		MANUF. STANDARD HARDWARE
126B	125	126	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		MANUF. STANDARD HARDWARE
127	127	EXT	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		MANUF. STANDARD HARDWARE
127B	127	127	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		MANUF. STANDARD HARDWARE
127C	127	127	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		MANUF. STANDARD HARDWARE
129	119	129	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
130	130	129	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
131	129	131	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
132	119	132	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
133	133	132	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
134	132	134	D	STEEL	PTD	3' - 0"	7' - 0"	-	STEEL	PTD	2/A-803	1/A-803	-	51		
135	114-C	135	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800 SIM	1/A-800 SIM	3/A-900	11	90 MIN.	
136	114-C	136	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	12		
137	114-C	137	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32.1		
138	114-C	138	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32.1		
139	139	139	FD	WD	CLR	6' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	47		
139B	139	EXT	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	9/A-801	8/A-801	4/A-803	04		
ST102A	114	STAIR 2	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-803 SIM	44.1	60 MIN.	
ST102B	STAIR 2	EXT	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	9/A-801	8A-801	4/A-803	02		
LEVEL 01a																
141B	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141C	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141D	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141E	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141F	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141G	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141H	EXT	141	BF	STEEL	MANUF.	14' - 0"	14' - 0"	-	STEEL	PTD	2/A-802	1/A-802	9/A-900	50		
141J	141	EXT	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	6/A-801	5/A-801	4/A-803	06		
141K	145	141	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	28		
141L	146	141	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	28		
141M	141	154	FD	HM	PTD	6' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	46		
141N	141A	141	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		LEVER HANDLES & KEYED LOCKS
141O	141B	141	F	WOVEN WIRE	MANUF.	3' - 0"	6' - 8"	A	HM	MANUF.	BY MANUF.	BY MANUF.	-	54		LEVER HANDLES & KEYED LOCKS
142	141	142	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	-	09		
143	141	143	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	-	11		
144	141	144	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	28		
145A	144	145	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	28		
145B	146	145	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	-	28		
146A	149	146	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-801	1/A-801	-	28		
147	146	147	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	2/A-900 SIM	32		
148	146	148	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	32		
149A	141	149	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	28		
150	141	150	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	43		
151	141	151	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	40		
152	141	152	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	40	90 MIN.	
153	141	153	F	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	-	30		
ST101	141	STAIR 1	N	HM	PTD	3' - 0"	7' - 0"	B	HM	PTD	2/A-801	1/A-801	4/A-804 SIM	44.1	60 MIN.	
LEVEL 02																
200A	200	200	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40.2	20 MIN.	
200B	200	200	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40.2	20 MIN.	
202	200	202	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	41	20 MIN.	
203	200	203	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	31	20 MIN.	
204	200	204	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	31	20 MIN.	
205	200	205	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	4/A-900	31	20 MIN.	
206A	200	206	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	40	20 MIN.	
206B	206	206	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900 SIM	07		
207	200	207	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	41	20 MIN.	
208	200	208	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40	20 MIN.	
209A	200	209	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40.1	20 MIN.	
209B	209	209	N	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40.1		
210A	200	210	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	40	20 MIN.	
210B	210	210	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900 SIM	07		
211	200	211	G	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	40	20 MIN.	
212	212A	212	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
213	213	200	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	41	20 MIN.	
214	200	214	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	42	20 MIN.	
215A	215	200	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	45	20 MIN.	
215B	CLOSET	215	F	HM	PTD	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	-	12		
216	216A	216	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
217	217A	217	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
218	218A	218	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
219	219A	219	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
220	220A	220	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
221	221A	221	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	6/A-900	21	20 MIN.	
222	200	222	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	5/A-900	31	20 MIN.	
224	200	224	F	WD	CLR	3' - 0"	7' - 0"	A	HM	PTD	2/A-800	1/A-800	2/A-900	32	20 MIN.	



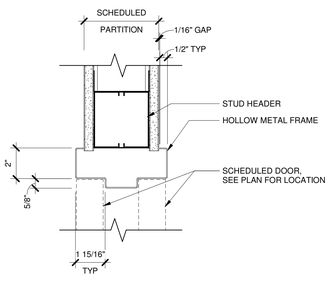
DET. HM WITH SIDELITE JAMB @ METAL STUDS — 4

3" = 1'-0"



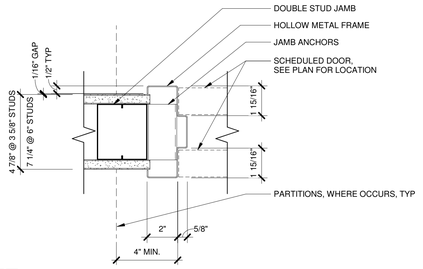
DET. CASED OPENING JAMB (HEAD SIM.) — 3

3" = 1'-0"



DET. HM HEAD @ METAL STUDS — 2

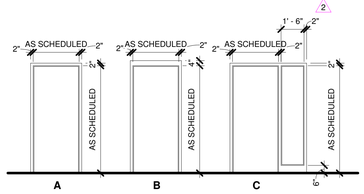
3" = 1'-0"



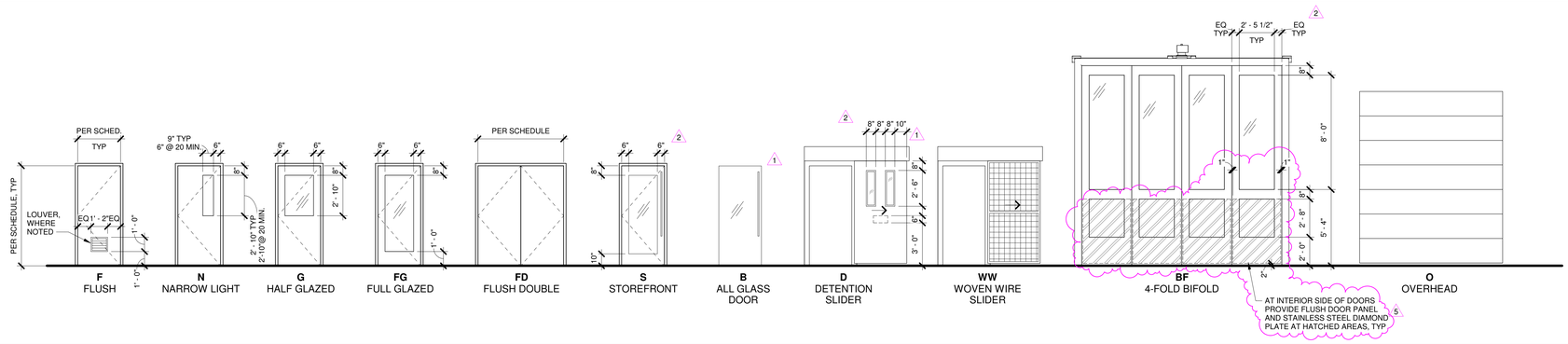
DET. HM JAMB @ METAL STUDS — 1

3" = 1'-0"

FRAME TYPES



DOOR TYPES



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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20
5	ADDEDUM #8	12.18.20

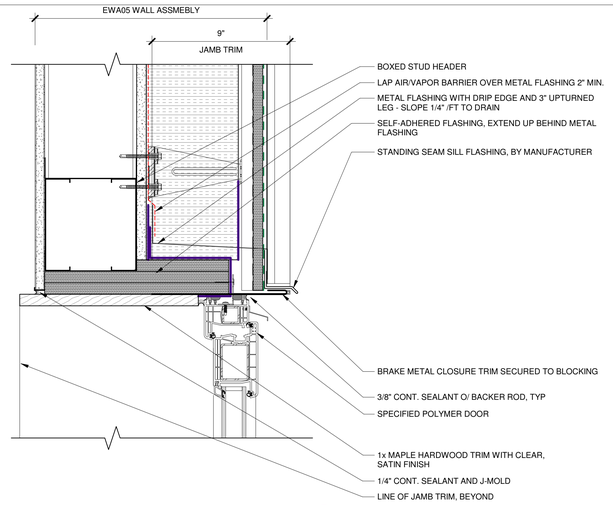
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

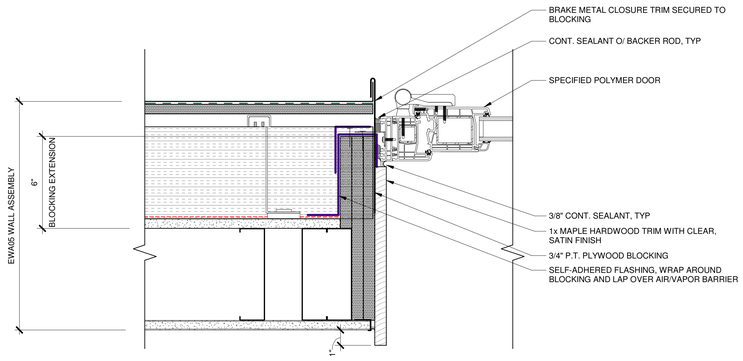
Drawing Title
DOOR SCHEDULE

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-800



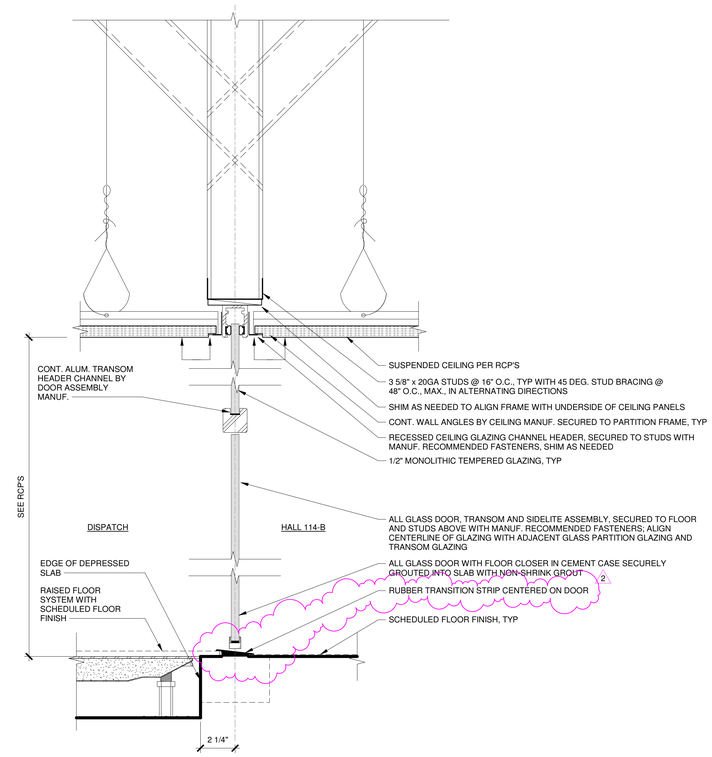
DET. DOOR HEAD @ EWA05 10

3" = 1'-0"



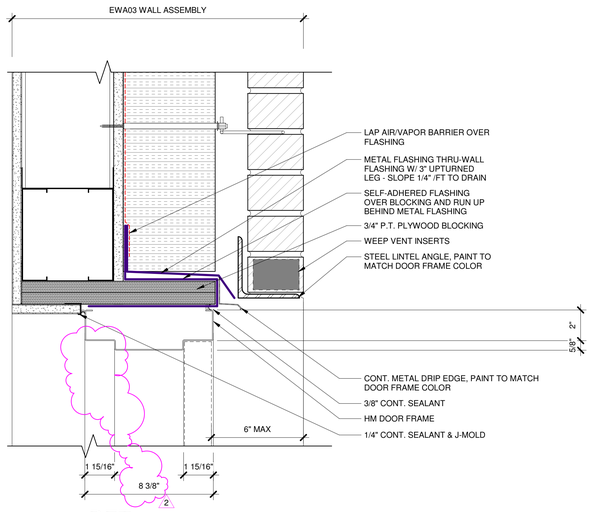
DET. DOOR JAMB @ EWA05 7

3" = 1'-0"



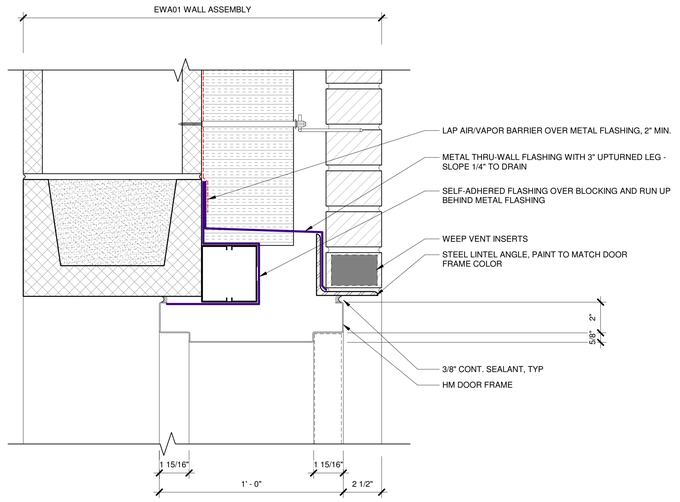
DET. GLASS PARTITION DOOR HEAD/SILL 3

3" = 1'-0"



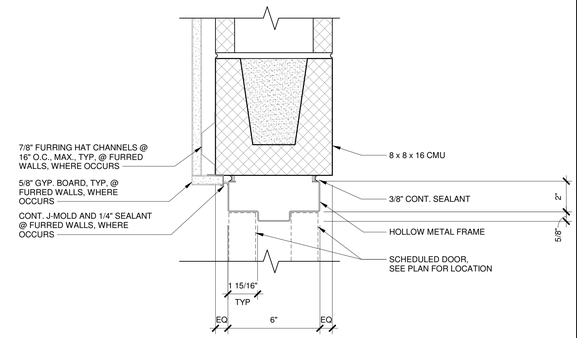
DET. HM DOOR HEAD @ EWA03 9

3" = 1'-0"



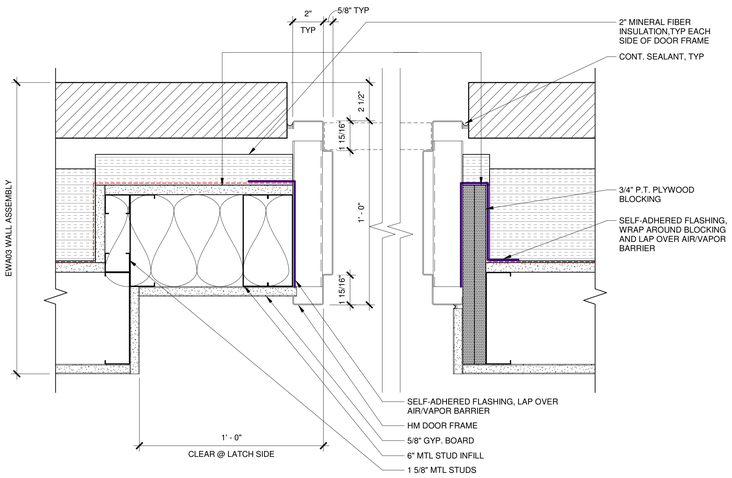
DET. HM DOOR HEAD @ EWA01 6

3" = 1'-0"



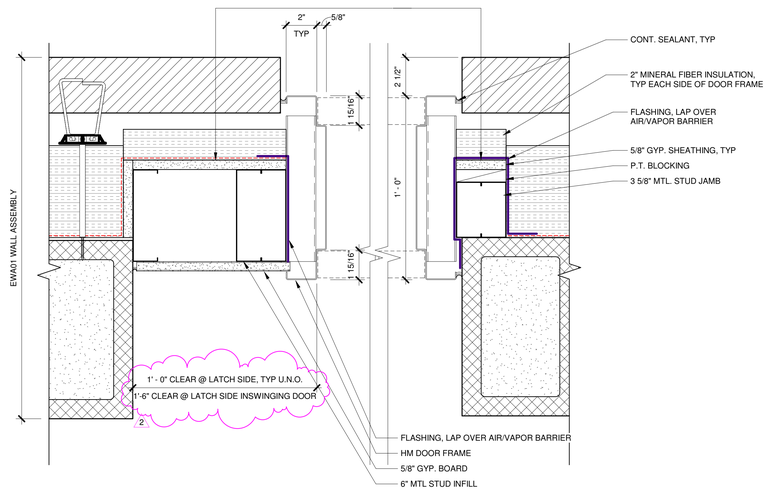
DET. HM HEAD @ CMU 2

3" = 1'-0"



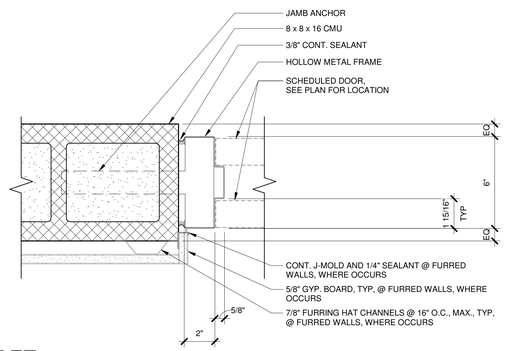
DET. HM DOOR JAMB @ EWA03 8

3" = 1'-0"



DET. HM DOOR JAMB @ EWA01 5

3" = 1'-0"



DET. HM JAMB @ CMU 1

3" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20

Registrations

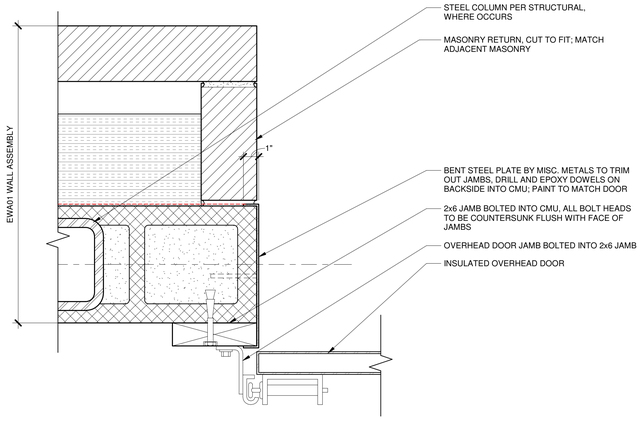
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
DOOR DETAILS

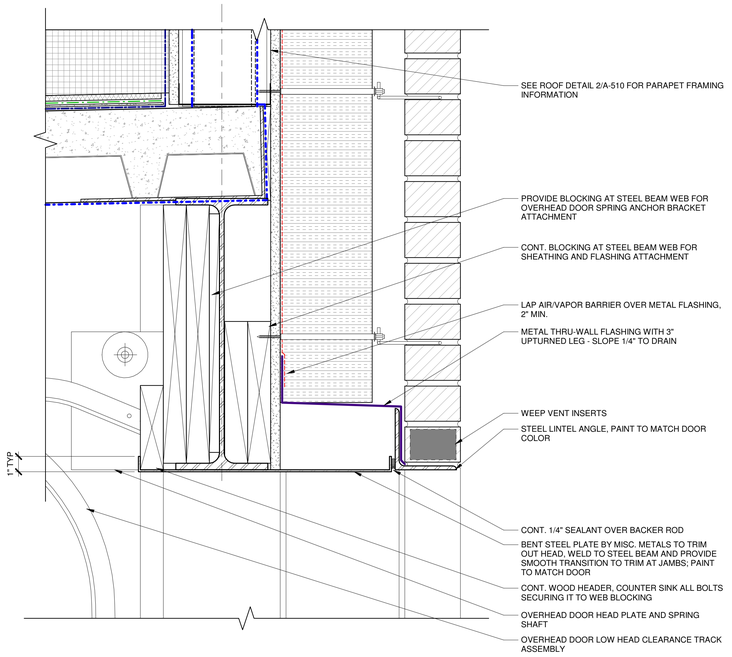
PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-801



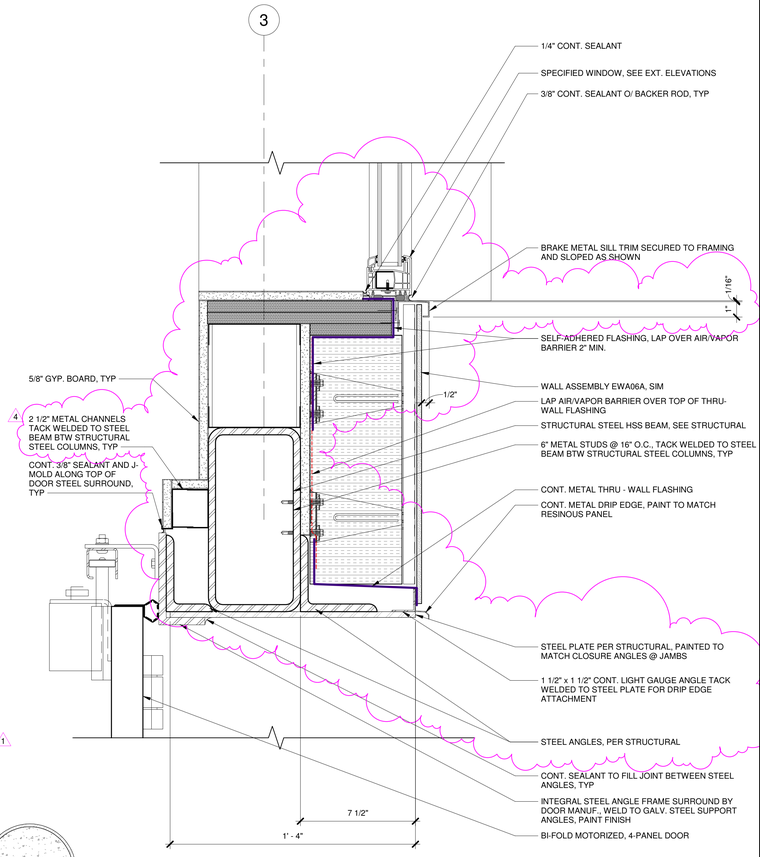
DET. OVERHEAD DOOR JAMB @ EWA01 — 9

3" = 1'-0"



DET. OVERHEAD DOOR HEAD @ EWA01 — 6

3" = 1'-0"

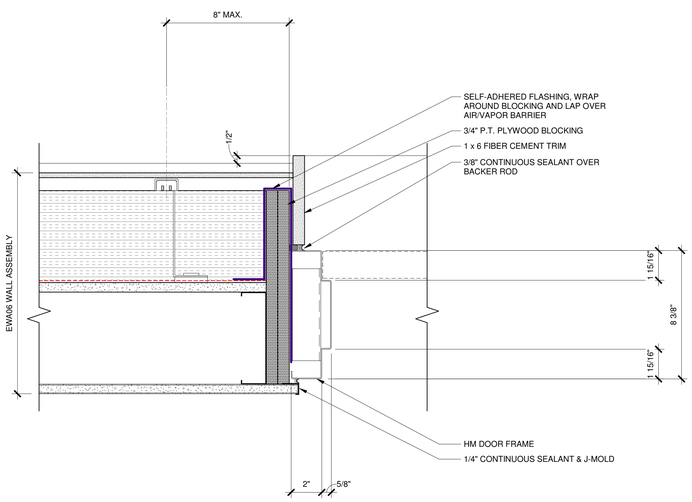


DET. BIFOLD DOOR HEAD — 2

3" = 1'-0"

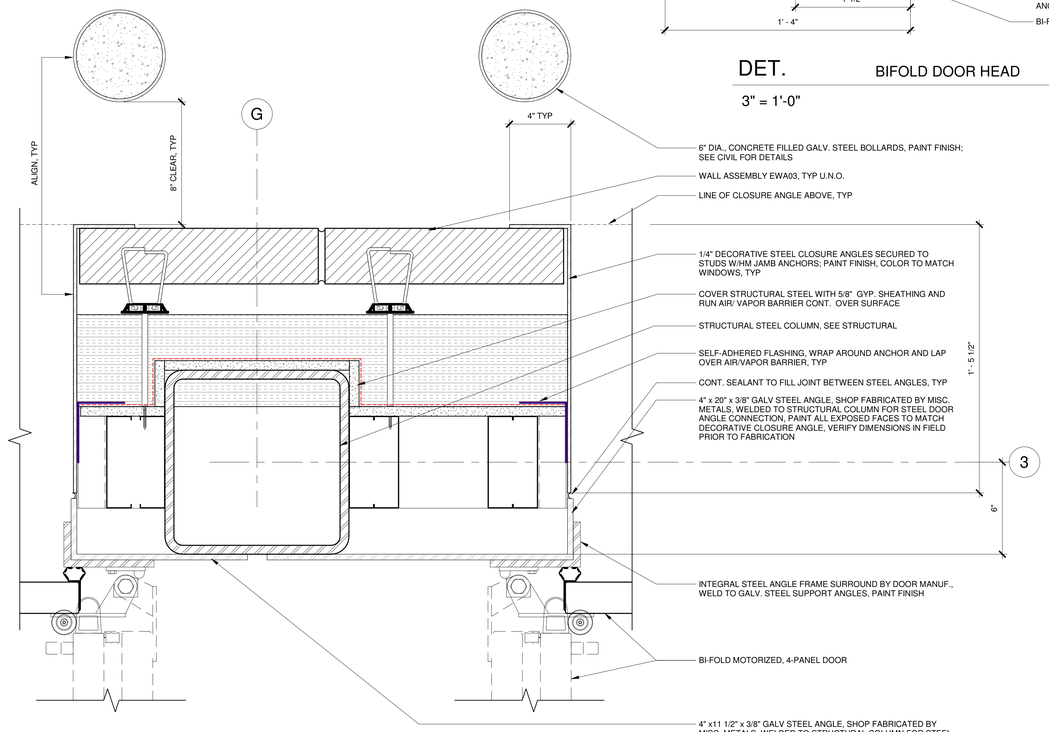
DET. HM DOOR HEAD @ EWA06 — 8

3" = 1'-0"



DET. HM DOOR JAMB @ EWA06 — 7

3" = 1'-0"



DET. BIFOLD DOOR JAMB — 1

3" = 1'-0"

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Revision Schedule

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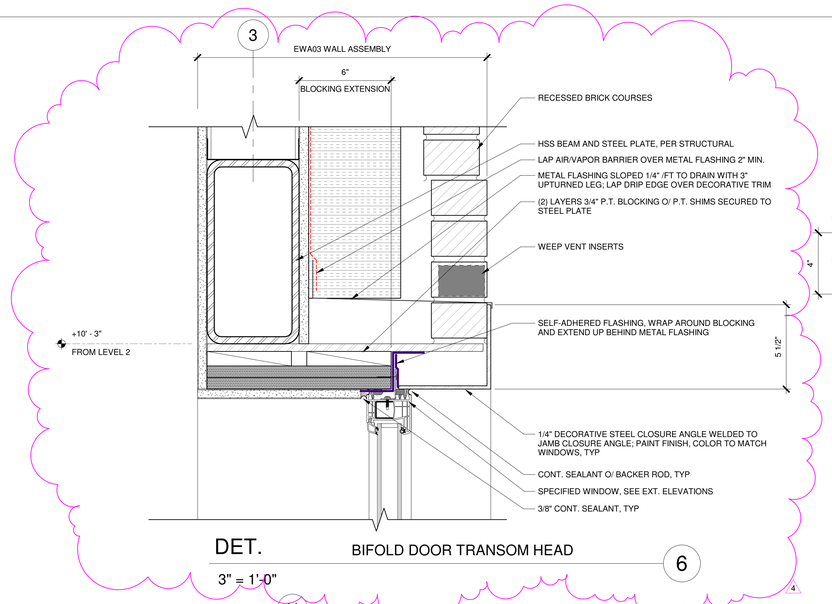
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

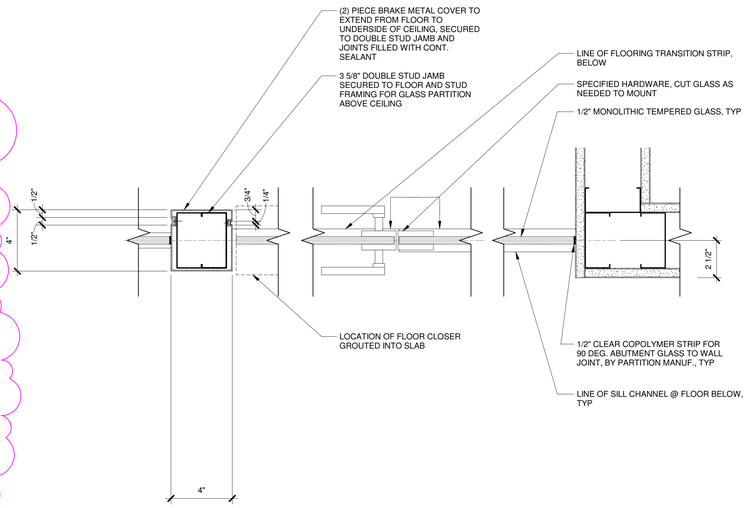
Drawing Title
DOOR DETAILS

PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set
Drawing number
A-802



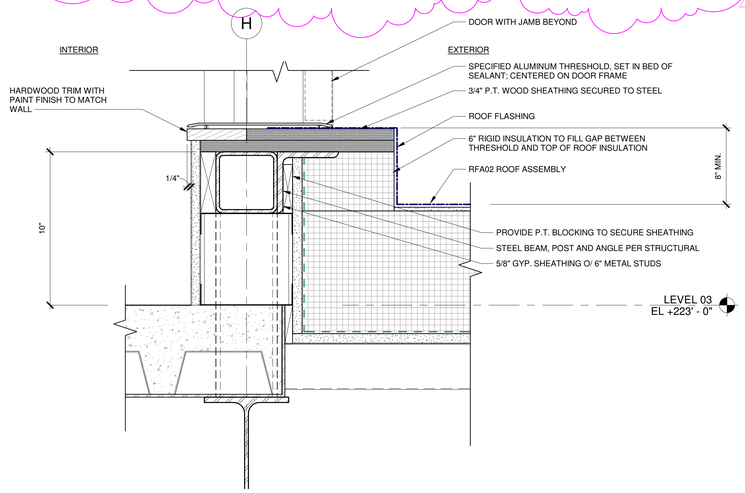
DET. BIFOLD DOOR TRANSOM HEAD 6

3" = 1'-0"



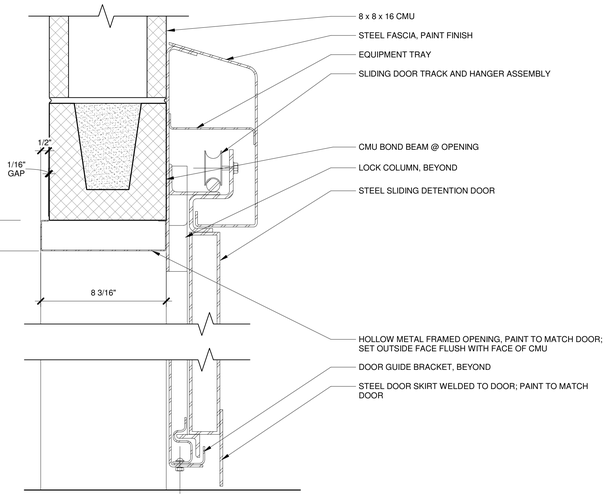
DET. GLASS DOOR PLAN 3

3" = 1'-0"



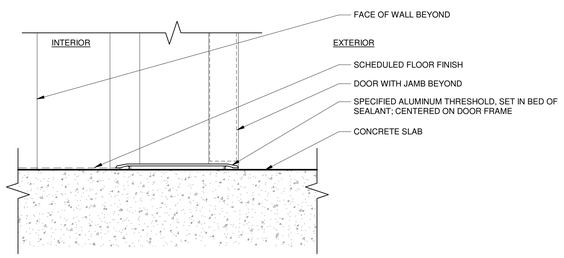
DET. DOOR TO ROOF THRESHOLD 5

3" = 1'-0"



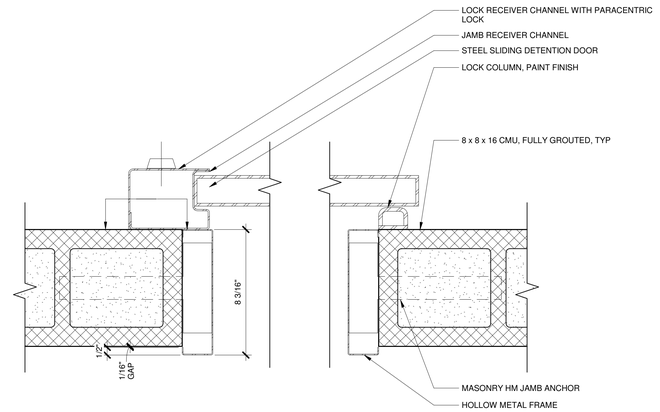
DET. DETENTION HEAD, TYP 2

3" = 1'-0"



DET. HM DOOR THRESHOLD 4

3" = 1'-0"



DET. DETENTION JAMB, TYP 1

3" = 1'-0"

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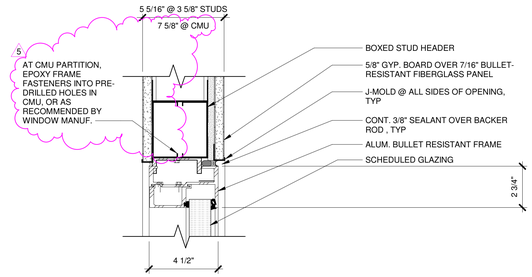
Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

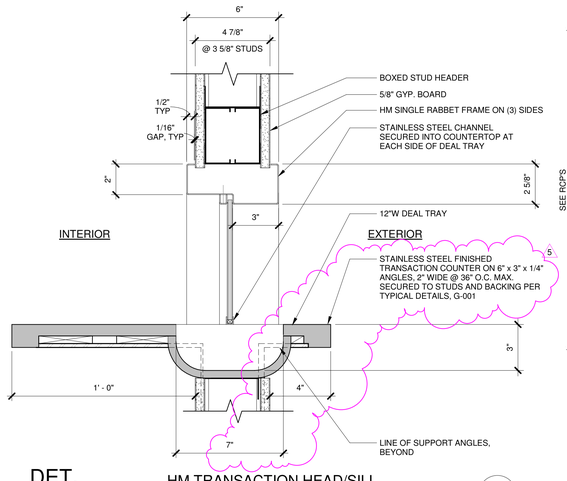
Drawing Title
DOOR & TRANSOM DETAILS

Author Checker
Drawn by Checked by
OCTOBER 23, 2020
Date
21917
Job number
CONSTRUCTION DOCUMENTS
Drawing set
Drawing number 1
A-803



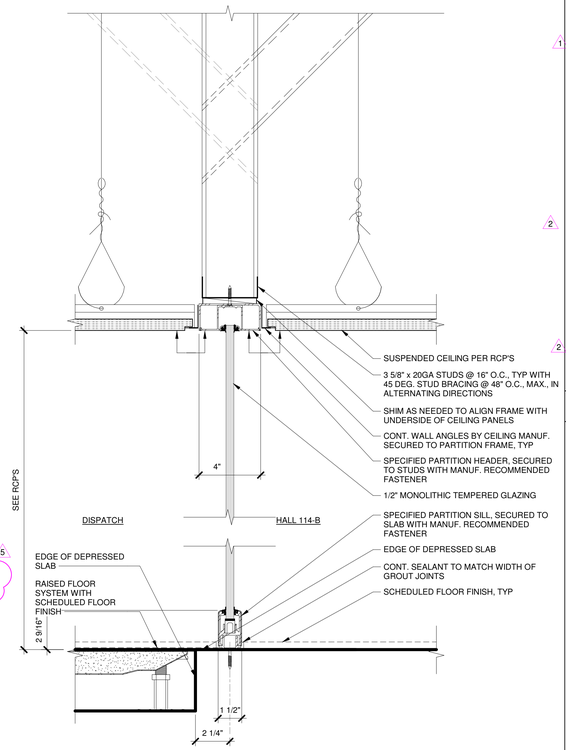
DET. BULLETPROOF VISION JAMB (HEAD SIM.) 16

3" = 1'-0"



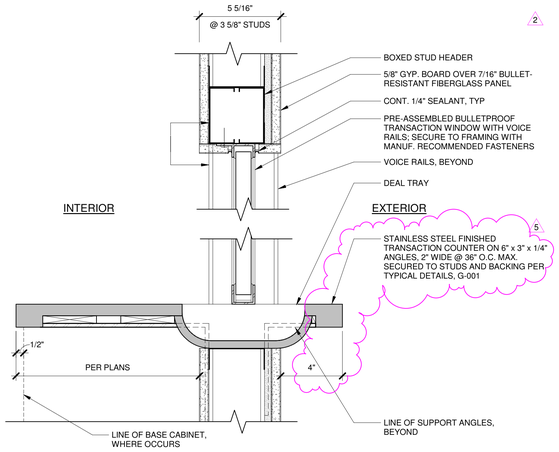
DET. HM TRANSACTION HEAD/SILL 15

3" = 1'-0"



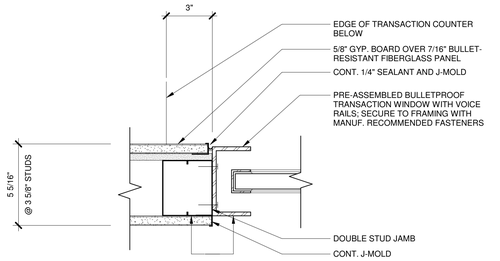
DET. GLASS PARTITION HEAD/SILL 11

3" = 1'-0"



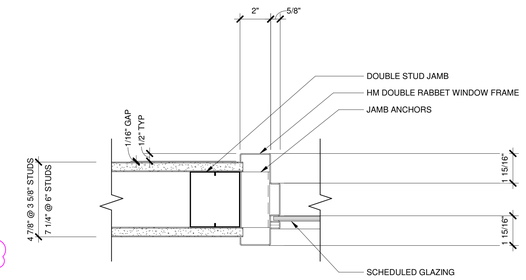
DET. BULLETPROOF TRANSACTION HEAD/SILL 14

3" = 1'-0"



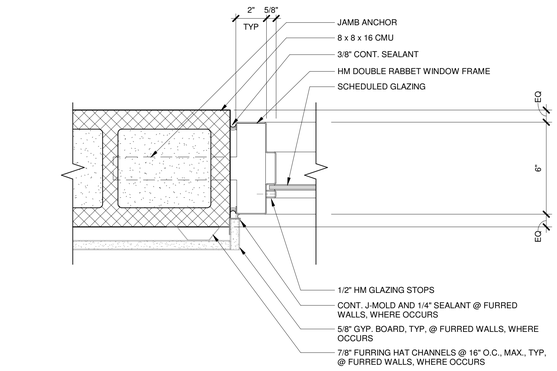
DET. BULLETPROOF TRANSACTION JAMB 13

3" = 1'-0"



DET. HM WDW JAMB @ METAL STUDS (HEAD SIM.) 10

3" = 1'-0"



DET. HM WDW JAMB @ CMU (HEAD SIM.) 9

3" = 1'-0"

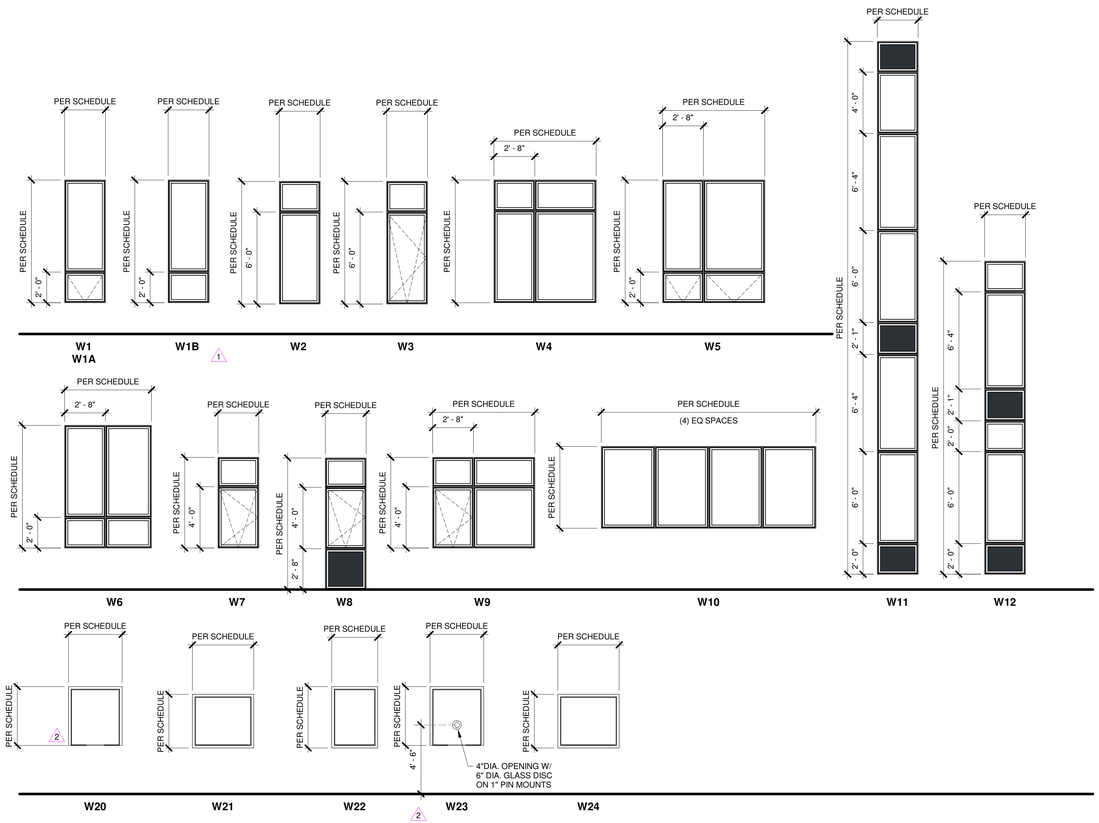
WINDOW SCHEDULE

TYPE	OVERALL WIDTH	OVERALL HEIGHT	SILL HEIGHT	FRAME MATERIAL	FRAME FINISH	GLAZING	OPERATION	DETAILS JAMB	DETAILS HEAD	DETAILS SILL	NOTES
W1	2' - 8"	8' - 0"	2'-0"	POLYMER	DARK BRONZE	GL-1	FIXED/ HOPPER	1,4,7/ A-811 & A-812	3,6,9/ A-811 & A-812	3,6,9/ A-811 & A-812	SEE EXTERIOR ELEVATIONS FOR CONDITION @ SPECIFIC LOCATION
W1A	2' - 8"	6' - 8"	3'-4"	POLYMER	DARK BRONZE	GL-1	FIXED/ HOPPER	4/ A-811	6/ A-811	9/ A-811	
W1B	2' - 8"	6' - 8"	3'-4"	POLYMER	DARK BRONZE	GL-1	FIXED	4/ A-811	6/ A-811	9/ A-811	
W2	2' - 8"	8' - 0"	2'-0"	POLYMER	DARK BRONZE	GL-1	FIXED	4,7/ A-811 & 1/ A-812	6,9/ A-811 & 3/ A-812	5,8/ A-811 & 2/ A-812	PROVIDE PRIVACY FILM AT INTERIOR OF LOWER LITE
W3	2' - 8"	8' - 0"	2'-0"	POLYMER	DARK BRONZE	GL-1	FIXED/ CASEMENT+HOPPER	4/ A-811	6/ A-811	5/ A-811	
W4	6' - 8"	8' - 0"	3'-4"	POLYMER	DARK BRONZE	GL-1	FIXED/ HOPPER	1,4/ A-811	3/ A-811	2/ A-811	SEE EXTERIOR ELEVATIONS FOR CONDITION @ SPECIFIC LOCATION
W5	6' - 8"	8' - 0"	2'-0"	POLYMER	DARK BRONZE	GL-1	FIXED/ HOPPER	1,4/ A-812	9/ A-812	5/ A-812	SEE EXTERIOR ELEVATIONS FOR CONDITION @ SPECIFIC LOCATION
W6	5' - 8"	8' - 0"	2'-5"	POLYMER	DARK BRONZE	GL-1	FIXED	7/ A-812 SIM	6/ A-811	5/ A-811	
W7	2' - 8"	6' - 0"	2'-8"	POLYMER	DARK BRONZE	GL-1	FIXED/ CASEMENT+HOPPER	7/ A-811 & 1,4,7/ A-812	9/ A-811 & 3,6,9/ A-812	8/ A-811 & 2,5,8/ A-812	SEE EXTERIOR ELEVATIONS FOR CONDITION @ SPECIFIC LOCATION
W8	2' - 8"	8' - 8"	0'-0"	POLYMER	DARK BRONZE	GL-1	FIXED/ CASEMENT+HOPPER	4,7/ A-811	9/ A-811	5,8/ A-811	SPANDREL @ LOWER LITE; SEE EXT. ELEV.'S FOR CONDITION @ SPECIFIC LOCATION
W9	6' - 8"	6' - 0"	2'-8"	POLYMER	DARK BRONZE	GL-1	FIXED/ CASEMENT+HOPPER	1,4/ A-812	3,6/ A-812	8/ A-812	SEE EXTERIOR ELEVATIONS FOR CONDITION @ SPECIFIC LOCATION
W10	14' - 0"	5' - 4"	15'-8"	POLYMER	DARK BRONZE	GL-1	FIXED	9/ A-513	6/ A-513	3/ A-513	
W11	2' - 8"	34' - 8"	2'-0"	POLYMER	DARK BRONZE	GL-1	FIXED	1/ A-811 & A-812	3/ A-812	2/ A-811	SPANDREL LITES AS SHOWN; SEE EXT. ELEV.'S FOR CONDITION @ SPECIFIC LOCATION
W12	2' - 8"	20' - 6"	16'-0"	POLYMER	DARK BRONZE	GL-1	FIXED	7/ A-812	9/ A-812	8/ A-812	SPANDREL LITES AS SHOWN
W20	3' - 6"	4' - 0"	2'-10"	ALUM./ SS	MANUF.	GL-3	FIXED TRANSACTION	13/ A-810	14/ A-810	14/ A-810	BULLETPROOF TRANSACTION WINDOW WITH INTEGRAL VOICE RAILS
W21	4' - 0"	3' - 6"	3'- 0"	ALUM.	MANUF.	GL-3	FIXED	16/ A-810	16/ A-810 SIM	16/ A-810 SIM	BULLETPROOF VISION, SEE PLANS FOR PARTITION TYPE
W22	3' - 0"	4' - 0"	3'-4" 5	ALUM.	PTD	GL-3	FIXED	16/ A-810	16/ A-810 SIM	16/ A-810 SIM	BULLETPROOF ONE-WAY FILM APPLIED TO INTERIOR FACE OF GLAZING; SEE PLANS FOR PARTITION TYPE
W23	3' - 6"	4' - 0"	2'-10"	HM	PTD	GL-2	FIXED TRANSACTION	15/ A-810 SIM	15/ A-810	15/ A-810	TRANSACTION WINDOW
W24	4' - 0"	3' - 6"	3'- 4" 5	HM	PTD	GL-2	FIXED	9, 10/ A-810	9,10/ A-810 SIM	9,10/ A-810 SIM	SEE PLANS FOR PARTITION TYPE

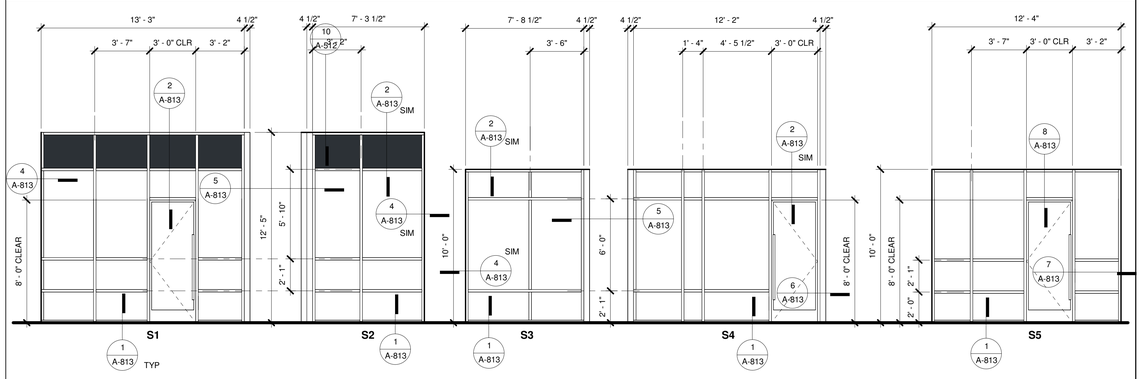
GLAZING LEGEND

GL-1 - DOUBLE PANE INSULATED UNIT
GL-2 - TEMPERED GLASS
GL-3 - POLYCARBONATE, BULLET RESISTANT GLASS

WINDOW TYPES



STOREFRONT TYPES



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Revision Schedule

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1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
5	ADDEDUM #8	12.18.20

Registrations

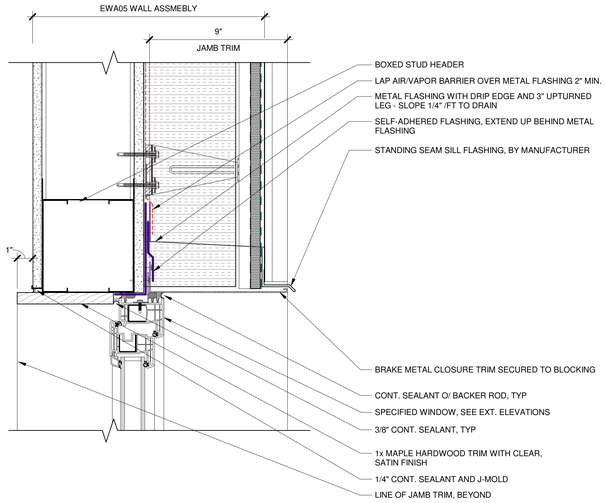
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WINDOW SCHEDULE AND DETAILS

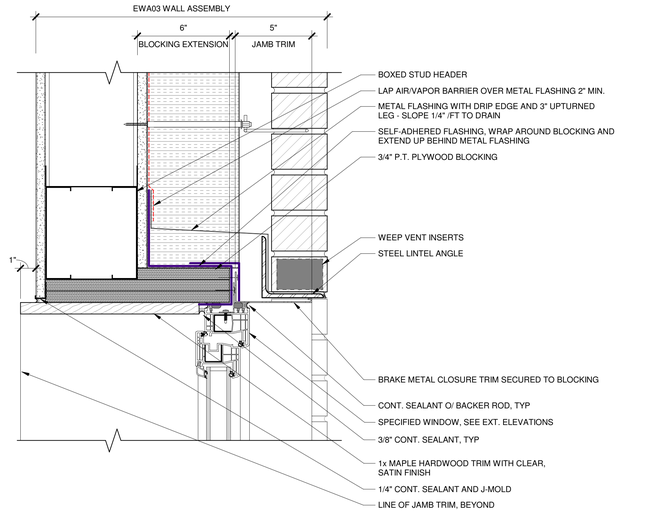
PJC Drawn by | PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-810



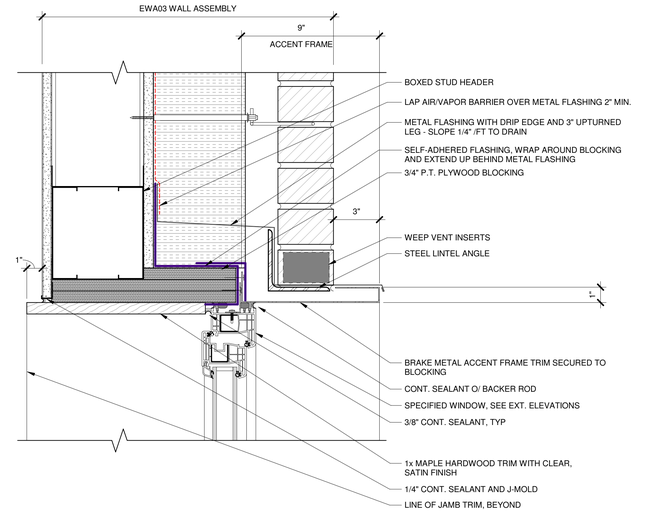
DET. WDW HEAD @ EWA05 — 9

3" = 1'-0"



DET. WDW HEAD @ EWA03 — 6

3" = 1'-0"



DET. WDW HEAD @ EWA03 WITH FRAME — 3

3" = 1'-0"

DET. WDW SILL @ EWA05 — 8

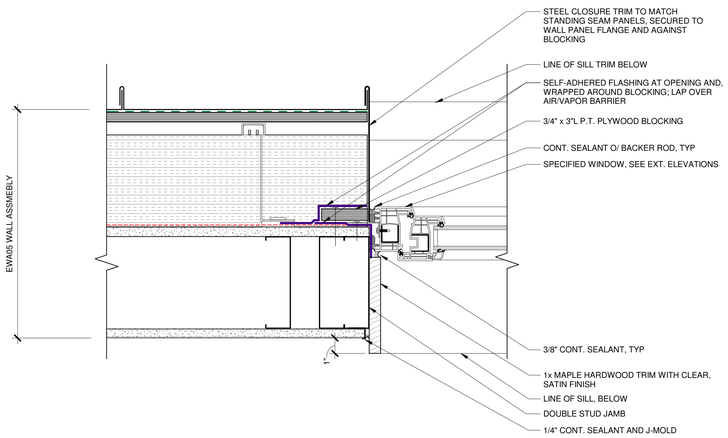
3" = 1'-0"

DET. WDW SILL @ EWA03 — 5

3" = 1'-0"

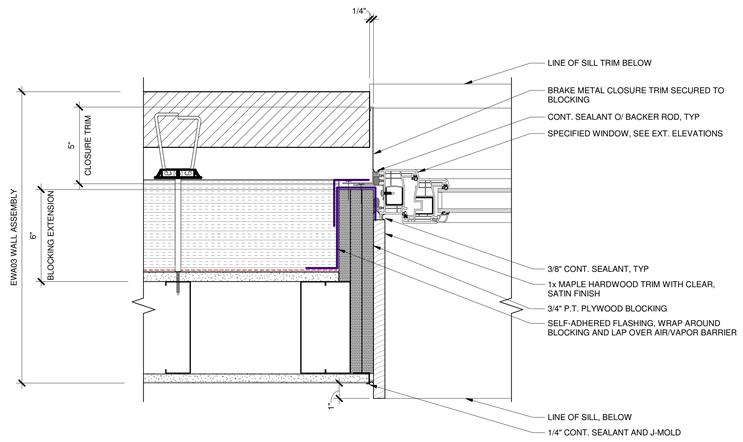
DET. WDW SILL @ EWA03 WITH FRAME — 2

3" = 1'-0"



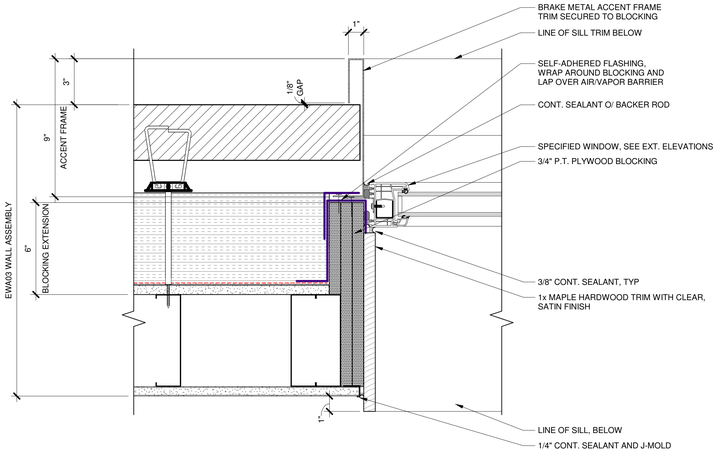
DET. WDW JAMB @ EWA05 — 7

3" = 1'-0"



DET. WDW JAMB @ EWA03 — 4

3" = 1'-0"



DET. WDW JAMB @ EWA03 WITH FRAME — 1

3" = 1'-0"

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Revision Schedule

Number	Revision	Date

Registrations

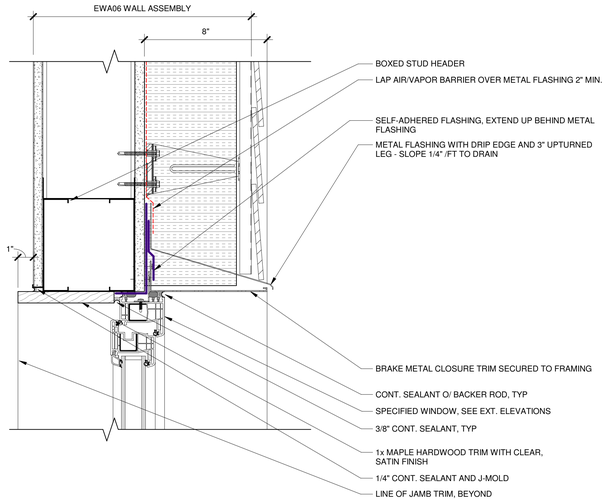
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
WINDOW DETAILS

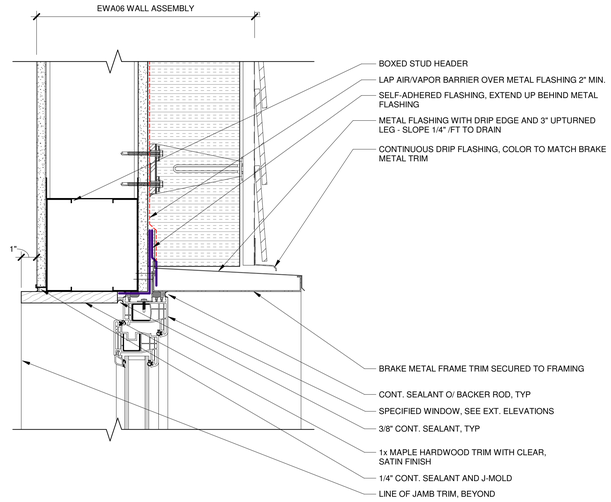
PJC — Drawn by
PJC — Checked by
OCTOBER 23, 2020 — Date
21917 — Job number
CONSTRUCTION DOCUMENTS — Drawing set

Drawing number
A-811



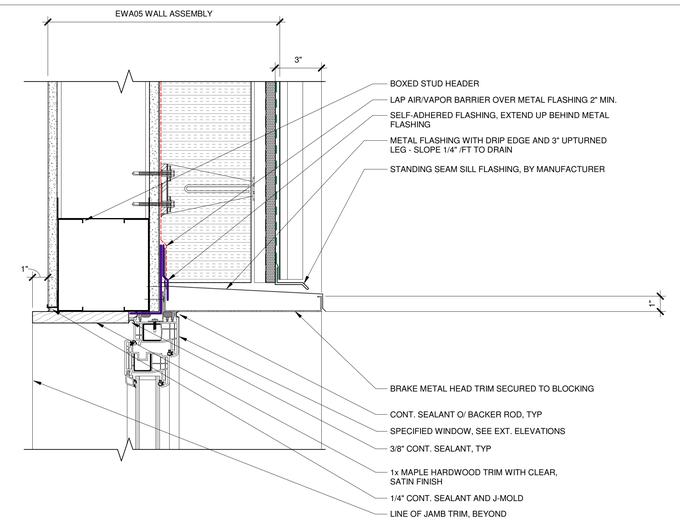
DET. WDW HEAD @ EWA06 — 9

3" = 1'-0"



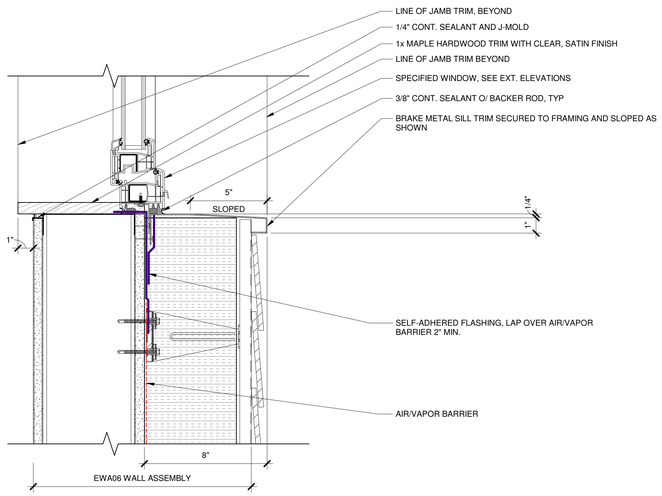
DET. WDW HEAD @ EWA06 WITH FRAME — 6

3" = 1'-0"



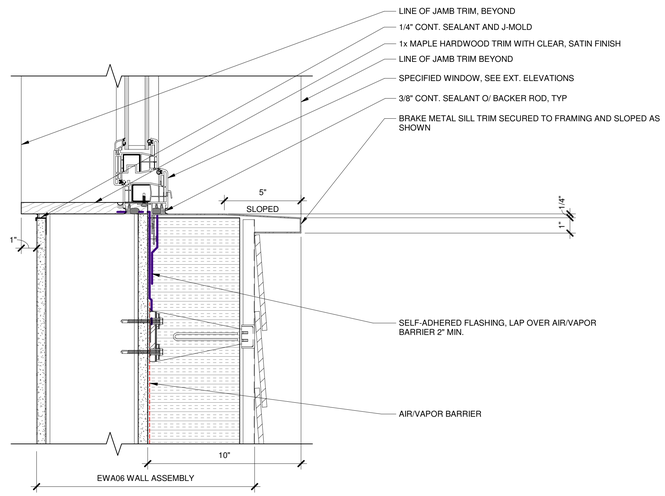
DET. WDW HEAD @ EWA05 WITH FRAME — 3

3" = 1'-0"



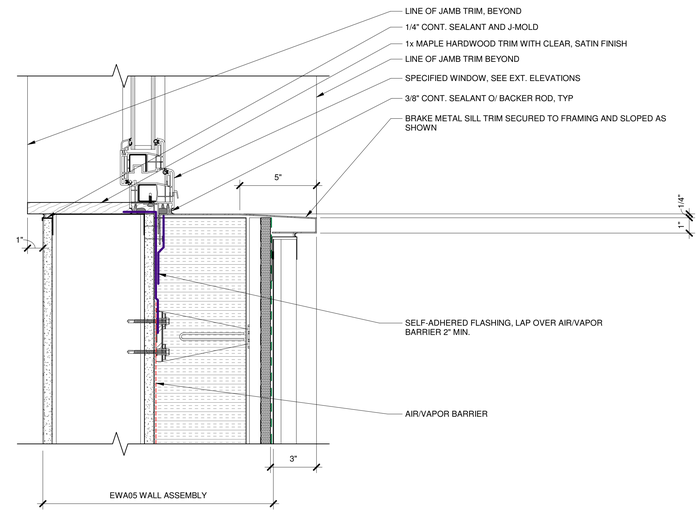
DET. WDW SILL @ EWA06 — 8

3" = 1'-0"



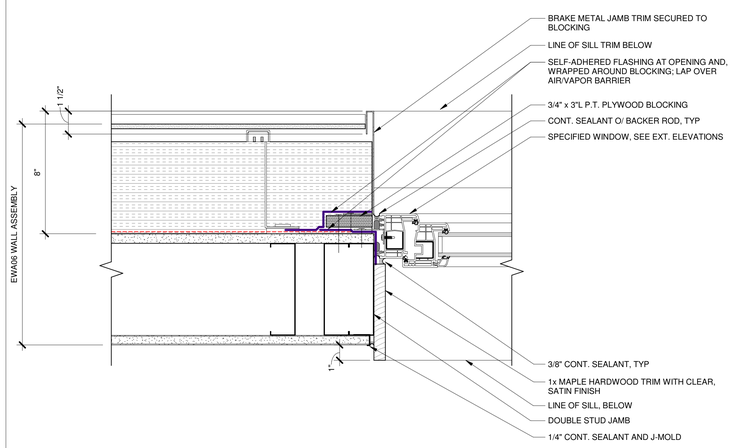
DET. WDW SILL @ EWA06 WITH FRAME — 5

3" = 1'-0"



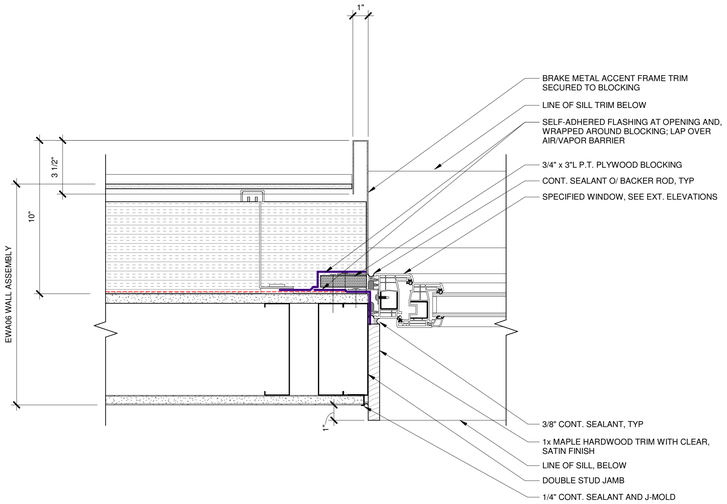
DET. WDW SILL @ EWA05 WITH FRAME — 2

3" = 1'-0"



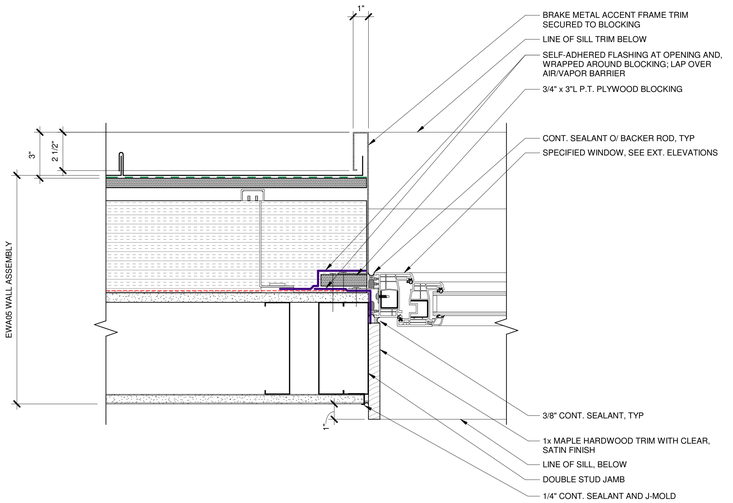
DET. WDW JAMB @ EWA06 — 7

3" = 1'-0"



DET. WDW JAMB @ EWA06 WITH FRAME — 4

3" = 1'-0"



DET. WDW JAMB @ EWA05 WITH FRAME — 1

3" = 1'-0"

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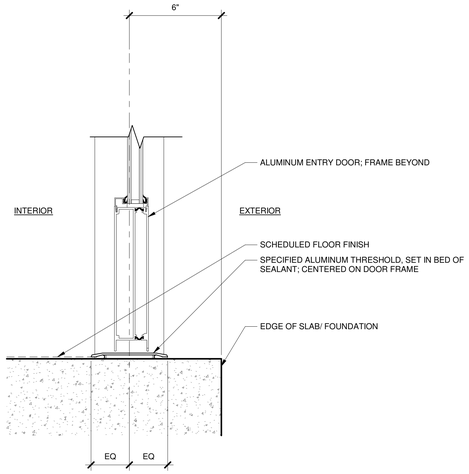
Consultants

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Drawing Title
WINDOW DETAILS

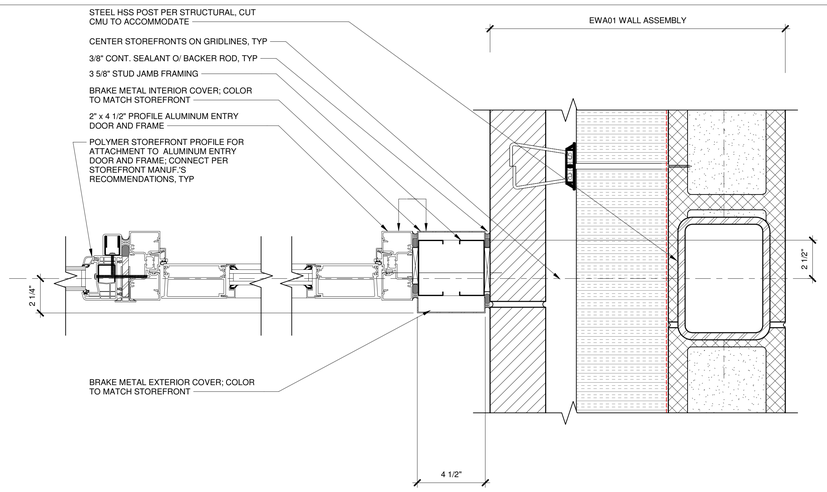
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Drawn by — Checked by
OCTOBER 23, 2020
Date
21917
Job number
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Drawing set

Drawing number
A-812



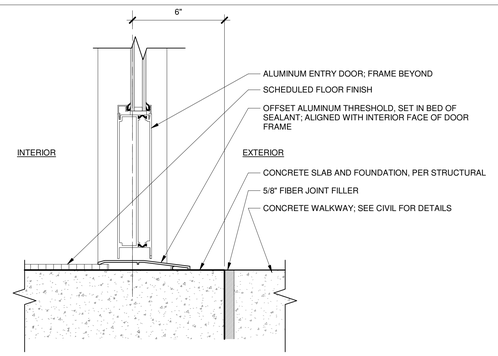
DET. STOREFRONT SADDLE THRESHOLD 9

3" = 1'-0"



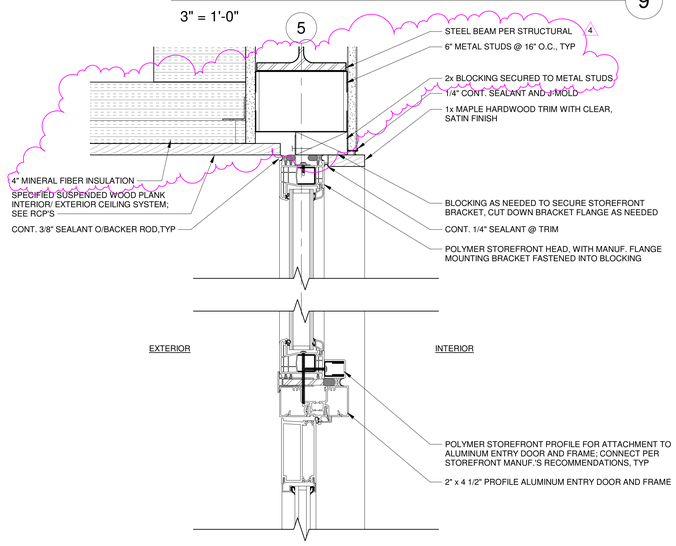
DET. STOREFRONT DOOR PERP. TO WALL 6

3" = 1'-0"



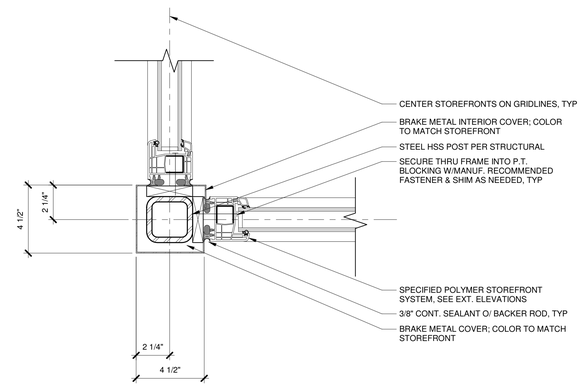
DET. STOREFRONT OFFSET THRESHOLD 3 2

3" = 1'-0"



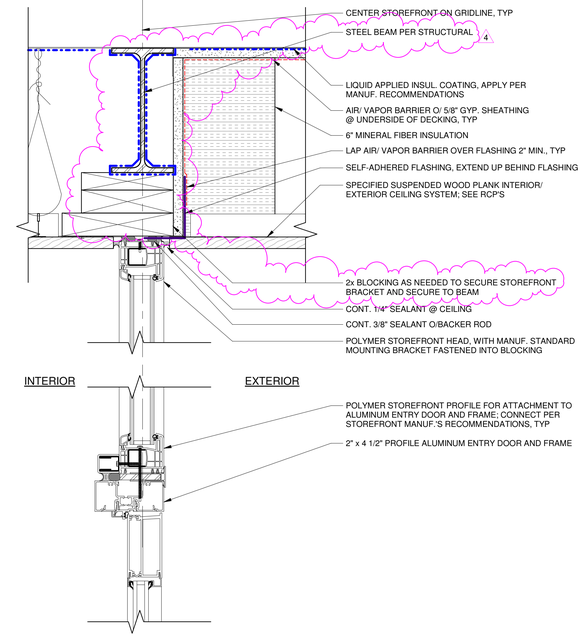
DET. STOREFRONT INTERIOR TRANSOM 8

3" = 1'-0"



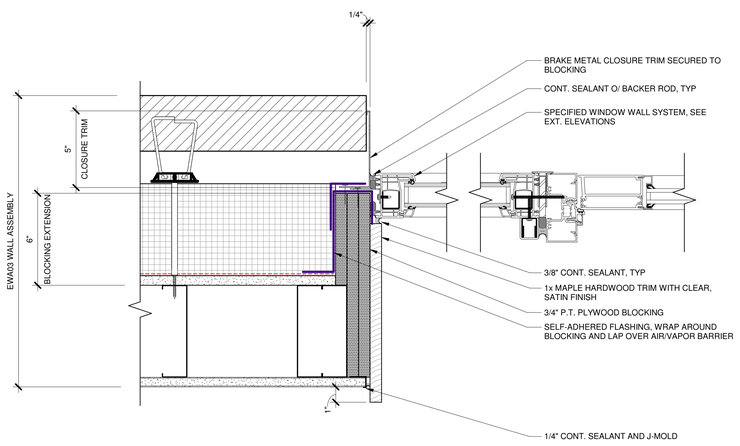
DET. STOREFRONT CORNER 5

3" = 1'-0"



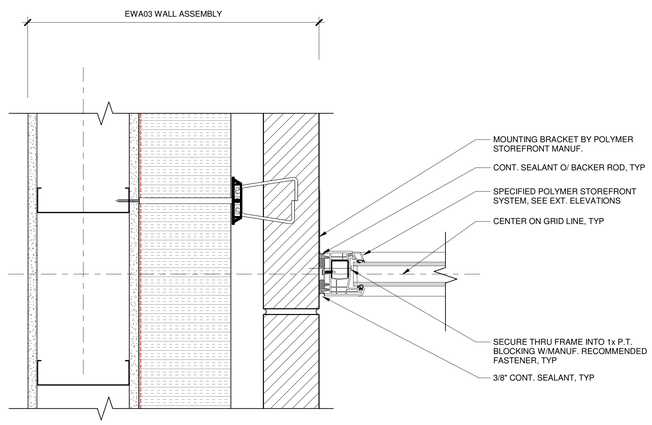
DET. STOREFRONT HEAD AND TRANSOM 2

3" = 1'-0"



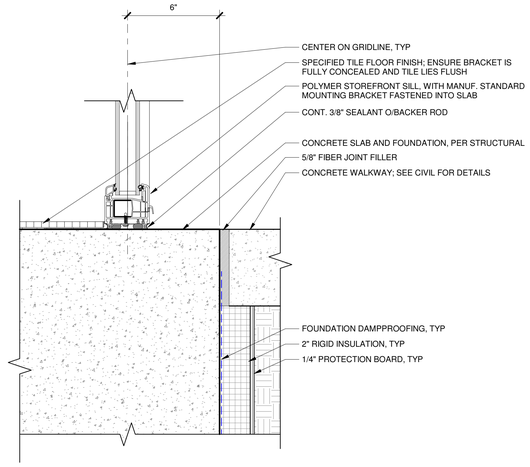
DET. STOREFRONT JAMB @ EWA03 7

3" = 1'-0"



DET. STOREFRONT PERPENDICULAR TO WALL 4

3" = 1'-0"



DET. STOREFRONT SILL, TYP 1

3" = 1'-0"

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Revision Schedule

Number	Revision	Date
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

Consultants

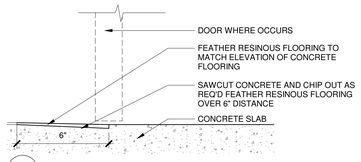
Project
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Drawing Title
STOREFRONT DETAILS

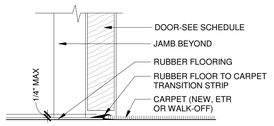
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21917
Job number
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Drawing set

Drawing number
A-813

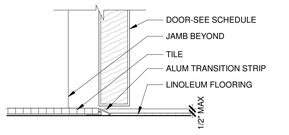
TYPICAL FLOOR TRANSITION DETAILS



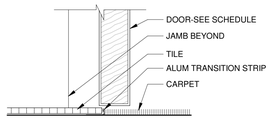
9 **FLOORING- RESINOUS / CONCRETE**



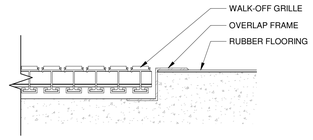
6 **FLOORING- LINOLEUM / CARPET**



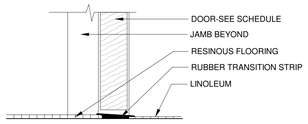
3 **FLOORING - PORCELAIN TILE TO LINOLEUM**



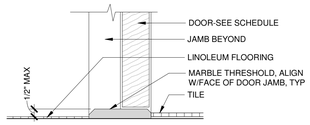
11 **FLOORING - PORCELAIN TILE TO LINOLEUM**



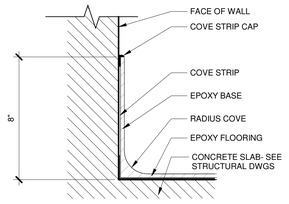
8 **FLOORING - WALK-OFF GRILLE TO RUBBER**



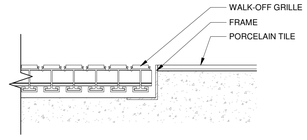
5 **FLOORING- LINOLEUM / RESINOUS**



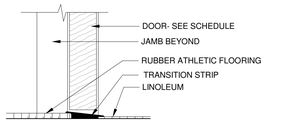
2 **FLOORING- LINOLEUM / TILE**



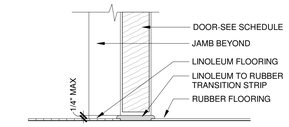
10 **FLOORING- RESINOUS BASE**



7 **FLOORING - WALK-OFF GRILLE TO PORCELAIN TILE**



4 **FLOORING- LINOLEUM / ATHLETIC RUBBER**



1 **FLOORING- LINOLEUM / RUBBER**

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MOUNTING TYPE	MODEL NO.	NOTES
A	SOAP DISPENSER	S	B-4112	
B	TOILET PAPER DISPENSER	S	B-2840	
C	FRAMED MIRROR	S	B-290 2436	
D2	PAPER TOWEL-WASTE COMBO UNIT	SR	B-43944	
E1	GRAB BAR, 36"	S	B-5806.99 x 36	
E2	GRAB BAR, 42"	S	B-5806.99 x 42	
E3	CONTINUOUS SHOWER GRAB BAR	S	B-58616	
F	STAINLESS STEEL SHELF	S	B-683	
G	ROBE HOOK	S	B-6827	
H	SANITARY NAPKIN DISPOSAL	S	B-270	
J	SHOWER CURTAIN AND ROD	S	B-204-1/ B-204-2/ B-6047	
K	FOLD-DOWN SHOWER SEAT	S	B-5181	
L	MOP AND BROOM HOLDER	S	B-239x34	MOUNT CENTERLINE @ 60" A.F.F. IN EACH JANITOR ROOM

FLOORING:
CONC: CONCRETE
PCONC: POLISHED CONCRETE
CPT: CARPET
LIN: LINOLEUM
PCT: PORCELAIN TILE
RFL: RESINOUS FLOORING
RAF: RESILIENT ATHLETIC FLOORING
RTRF: RUBBER TREADS, RISERS & FLOORING
WG: WALK-OFF GRILLE

WALL BASES:
RB: RUBBER BASE
PCT: PORCELAIN TILE
RFL: RESINOUS FLOORING
NF: NO FINISH

WALLS:
PCT: PORCELAIN TILE
HP: HIGH PERFORMANCE PAINT
PT: PAINT
FRP: FIBERGLASS REINFORCED PLASTIC
NF: NO FINISH

CEILINGS:
ACP: SUSPENDED ACOUSTIC PANEL
HP: HIGH PERFORMANCE PAINT
PT: PAINT
NF: NO FINISH

NOTES:
1. PROVIDE ROLLER SHADES AT ALL WINDOWS, U.N.O. PROVIDE BLACK-OUT SHADES AT DORM ROOMS, TRAINING ROOM AND CONFERENCE ROOMS.
2. PROVIDE COAT/ ROBE HOOKS AT BACKS OF ALL DORM AND OFFICE DOORS.
3. ELEVATOR CAB FINISHES TO BE INSTALLED BY ELEVATOR SUBCONTRACTOR
4. ALL ELEMENTS OF STAIR ASSEMBLIES AT STAIRS 1 AND 2, EXPOSED TO VIEW, ARE TO BE PAINTED.

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	NOTES
LEVEL 01						
100	VESTIBULE	WG / PCT-1	PCT-1	PT	AC-3	SEE DETAIL 7/ - FOR FLOOR FINISH TRANSITION
101	LOBBY	PCT-1	PCT-1	PT	AC-1	
102	DISPATCH	RAF-2	RB	PT	AC-1	
103	DISPATCH TOILET	PCT-1	PCT-1	CT-1	PT	
104	DISPATCH SUPER.	RAF-2	RB	PT	AC-1	
105	SAFE HAVEN & PERMITTING	CPT-1	RB	PT	AC-1	
106	RECORDS CLERK	CPT-1	RB	PT	AC-1	
107	RECORDS ARCHIVE	LIN	RB	PT	AC-1	
108	ROLL CALL	LIN	RB	PT	AC-1	
109	EVIDENCE	RFL	RB	PT	PT	
110	EVIDENCE PREP.	LIN	RB	PT	AC-1	
111	LUNCH ROOM	LIN	RB	PT	AC-1	
112	REPORT WRITING	LIN	RB	PT	AC-1	
113	SERGEANTS	CPT-1	RB	PT	AC-1	
114	HALL	LIN	RB	PT	AC-1	
114-A	HALL	LIN	RB	PT	AC-1	
114-B	HALL	LIN	RB	PT	AC-1	
114-C	HALL	PCT-1	PCT-1	PT	AC-1	
115	VESTIBULE	WG / PCT-1	PCT-1	N/A	AC-3	SEE DETAIL 7/ - FOR FLOOR FINISH TRANSITION
116	INTERROGATION ROOM	RFL	RFL	HP	AC-1	
117	VEST.	RFL	RFL	HP	AC-1	
118	CELL 1	RFL	RFL	HP	AC-4	
119	BOOKING	RFL	RFL	HP	AC-1	
119-A	HALL	RFL	RFL	HP	AC-1	
120	SHOWER	RFL	RFL	HP	PT	
121	HOLDING	RFL	RFL	HP	AC-1	
122	VEST.	RFL	RFL	HP	AC-1	
123	SALLY PORT	CONC	HP	HP	HP	
124	VEHICLE BAY	CONC	HP	HP	HP	
125	VEHICLE BAY	CONC	HP	HP	HP	
126	K9 INT. KENNEL	CONC	HP	HP	HP	
127	K9 KENNELS	CONC	N/A	N/A	N/A	
128	BULK EVIDENCE	CONC	HP	HP	HP	
129	VEST.	RFL	RFL	HP	AC-1	
130	CELL 5	RFL	RFL	HP	AC-4	
131	CELL 4	RFL	RFL	HP	AC-4	
132	VEST.	RFL	RFL	HP	AC-1	
133	CELL 3	RFL	RFL	HP	AC-4	
134	CELL 2	RFL	RFL	HP	AC-4	
135	SERVER/ E911	LIN	RB	PT	PT	
136	JANITOR	LIN	RB	HP/ FRP	PT	FRP TO EXTEND 12" BEYOND EDGE OF SINK AT BACK AND SIDE WALLS AND TO 48" A.F.F.
137	TOILET	PCT-1	PCT-1	CT-1	PT	
138	TOILET	PCT-1	PCT-1	CT-1	PT	
139	TRAINING STORAGE	LIN	RB	PT	AC-1	
139	TRAINING/ EMERGENCY OPS	CPT-2	RB	PT	AC-1	
STAIR 2	STAIR 2	WG/ RTRF	RB	PT	PT	SEE DETAIL 8/ - FOR FLOOR FINISH TRANSITION
LEVEL 01a						
141	APPARATUS BAYS	RFL	RFL	HP	HP	
141A	MAINTENANCE WORKSHOP	RFL	RFL	HP	HP	
141B	TRAFFIC LIGHT WORKSHOP	RFL	RFL	HP	HP	
142	WATCH RM	RFL	RFL	PT	AC-1	
143	PLUMBING/ WATER ENTRY	RFL	RFL	HP	PT	
144	GEAR STORAGE	RFL	RFL	HP	AC-1	
145	TURNOUT GEAR/ EQUIP. DECON	RFL	RFL	HP	HP	
146	CORRIDOR	RFL	RFL	HP	HP	
147	SHOWER	PCT-1	PCT-1	CT-1	PT	
148	SHOWER	PCT-1	PCT-1	CT-1	PT	
149	MEDICAL DECON./ LAUNDRY	RFL	RFL	HP	HP	
150	SCBA FILL ROOM	RFL	RFL	HP	HP	
151	MEDICAL SUPPLIES	RFL	RFL	HP	HP	
152	OXYGEN STORAGE	RFL	RFL	HP	HP	
153	HOSE STORAGE	RFL	RFL	HP	HP	
154	BULK STORAGE	RFL	RFL	HP	HP	
STAIR 1	STAIR 1	RTRF	RB	PT	PT	
LEVEL 02						
200	CORR	LIN	RB	PT	AC-1	
201	POLE	LIN	RB	PT	AC-1	
202	MECHANICAL	LIN	RB	PT	PT	
203	DAY ROOM & KITCHEN	LIN	RB	PT	AC-1	
204	JANITOR & LAUNDRY	LIN	RB	HP/ FRP	AC-1	FRP TO EXTEND 12" BEYOND EDGE OF SINK AT BACK AND SIDE WALLS AND TO 48" A.F.F.
205	FITNESS	RAF-1	RB	PT	AC-1	
206	LOCKER ROOM WOMEN	PCT-1	PCT-1	CT-1/ PT	AC-2	NO WINDOW SHADES NEEDED
207	JANITOR	LIN	RB	HP/ FRP	AC-1	FRP TO EXTEND 12" BEYOND EDGE OF SINK AT BACK AND SIDE WALLS AND TO 48" A.F.F.
208	PATROL STORAGE	LIN	RB	PT	AC-1	
209	ARMORY	LIN	RB	PT/ FRP	AC-1	
210	LOCKER ROOM MEN	PCT-1	PCT-1	CT-1/ PT	AC-2	NO WINDOW SHADES NEEDED
211	REPORT WRITING	LIN	RB	PT	AC-1	
212	STUDY/FUTURE DORM	CPT-3	RB	PT	AC-1	
212A	LOCKER	LIN	RB	PT	AC-1	
213	STORAGE	LIN	RB	PT	AC-1	
214	EL. MACHINE ROOM	LIN	RB	PT	AC-1	
215	ELECTRICAL	LIN	RB	PT	AC-1	
216	SINGLE DORM	CPT-3	RB	PT	AC-1	
216A	LOCKER	LIN	RB	PT	AC-1	
217	SINGLE DORM	CPT-3	RB	PT	AC-1	
217A	LOCKER	LIN	RB	PT	AC-1	
218	SINGLE DORM	CPT-3	RB	PT	AC-1	
218A	LOCKER	LIN	RB	PT	AC-1	
219	SINGLE DORM	CPT-3	RB	PT	AC-1	
219A	LOCKER	LIN	RB	PT	AC-1	
220	LIEUTENANT DORM	CPT-3	RB	PT	AC-1	
220A	LOCKER	LIN	RB	PT	AC-1	
221	DOUBLE DORM W/(8) LOCKERS	CPT-3	RB	PT	AC-1	
221A	LOCKER	LIN	RB	PT	AC-1	
222	RECYCLING	RFL	RFL	HP	AC-1	
224	SHOWER	PCT-2	PCT-2	CT-1	PT	
225	SHOWER	PCT-2	PCT-2	CT-1	PT	
226	SHOWER	PCT-2	PCT-2	CT-1	PT	
227	MAIN MECHANICAL	LIN	RB	PT	PT	
228	MAIN ELECTRICAL	LIN	RB	PT	PT	
229	TRAINING MEZZANINE	CONC	RB	HP	HP	
230	AIR COMPRESSOR	RFL	RFL	HP	HP	
231	HAZ-MAT SUPPLIES	RFL	RFL	HP	HP	
STAIR 1	STAIR 1	WG/ RTRF	RB	PT	PT	SEE DETAIL 8/ - FOR FLOOR FINISH TRANSITION
STAIR 2	STAIR 2	RTRF	RB	PT	PT	NO WINDOW SHADES NEEDED
LEVEL 03						
300	LOBBY	CPT-2	RB	PT	PT	
301	TEL./ DATA	LIN	RB	PT	PT	
302	JANITOR	LIN	RB	HP/ FRP	HP	FRP TO EXTEND 12" BEYOND EDGE OF SINK AT BACK AND SIDE WALLS AND TO 48" A.F.F.
303	TOILET	PCT-1	PCT-1	CT-1	PT	
304	TOILET	PCT-1	PCT-1	CT-1	PT	
305	ADMIN. ASSISTANT	CPT-1	RB	PT	AC-1	
305A	CLO	CPT-1	RB	PT	AC-1	
306	INTERVIEW ROOM	CPT-1	RB	PT	AC-1	
307	DETECTIVES & DET. SERGEANT	CPT-1	RB	PT	AC-1	
308	COURT PROSECUTOR	CPT-1	RB	PT	AC-1	
309	COMMUNITY SERVICES	CPT-1	RB	PT	AC-1	
310	SCHOOL RESOURCE OFFICER	CPT-1	RB	PT	AC-1	
311	CONFERENCE ROOM	CPT-2	RB	PT	AC-1	
312	POLICE CHIEF	CPT-1	RB	PT	AC-1	
312A	CLO	CPT-1	RB	PT	AC-1	
313	DEPUTY POLICE CHIEF	CPT-1	RB	PT	AC-1	
314	LIEUTENANT OPERATIONS	CPT-1	RB	PT	AC-1	
315	LIEUTENANT ADMIN.	CPT-1	RB	PT	AC-1	
316	ADMIN. SERGEANT	CPT-1	RB	PT	AC-1	
317	COPIER	LIN	RB	PT	AC-1	
318	CORRIDOR	CPT-1 / LIN	RB	PT	AC-1	
319	CORRIDOR	CPT-1 / LIN	RB	PT	AC-1	
320	COPIER	LIN	RB	PT	AC-1	
321	PLAN STORAGE	LIN	RB	PT	AC-1	
322	CONFERENCE ROOM	CPT-2	RB	PT	AC-1	
323	FIRE CHIEF	CPT-1	RB	PT	AC-1	
323 A	CLO	CPT-1	RB	PT	AC-1	
324	DEPUTY FIRE CHIEF	CPT-1	RB	PT	AC-1	
325	CAPTAIN	CPT-1	RB	PT	AC-1	
326	LIEUTENANTS	CPT-1	RB	PT	AC-1	
327	ADMIN. ASSISTANT	CPT-1	RB	PT	AC-1	
328	ARCHIVE	LIN	RB	PT	AC-1	
329	ELECT.	LIN	RB	PT	AC-1	
330	TRAINING OFFICER/ EMS	LIN	RB	PT	AC-1	
STAIR 1	STAIR 1	RTRF	RB	PT	PT	
STAIR 2	STAIR 2	RTRF	RB	PT	PT	NO WINDOW SHADES NEEDED

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20
5	ADDEDUM #8	12.18.20

Registrations

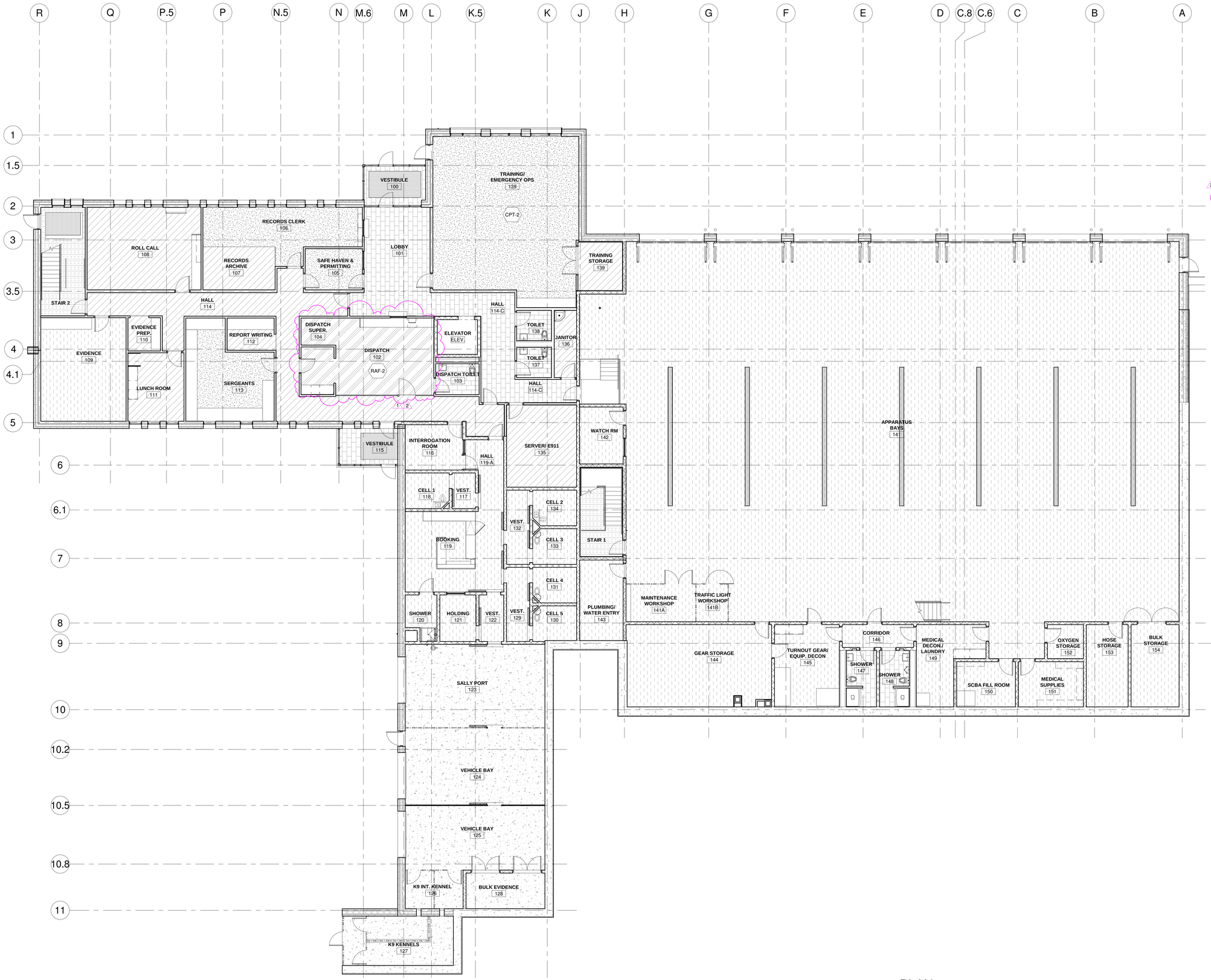
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
ROOM FINISH SCHEDULE, DETAILS AND TOILET ACCESSORY SCHEDULE

PJC Drawn by
PJC Checked by
OCTOBER 23, 2020 Date
21917 Job number
CONSTRUCTION DOCUMENTS Drawing set

Drawing number
A-900



PLAN — LEVEL 01 FINISH FLOOR PLAN

1/8" = 1'-0"

1

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISH SCHEDULE AND TYPICAL TRANSITIONS BETWEEN FLOOR MATERIALS.
2. FLOOR MATERIAL TRANSITIONS ARE TO OCCUR UNDER THE CENTERLINE OF OPENING OR DOOR IN THE CLOSED POSITION.
3. TYPICAL CARPET IS TO BE CPT-1, U.N.O.
4. TYPICAL FLOOR TILE IS TO BE PCT-1, U.N.O.
5. TYPICAL WALL TILE, WHERE OCCURS, IS TO BE CT-1, U.N.O.
6. TYPICAL WALL BASE IS TO BE RB-1, U.N.O. USE COVE BASE AT ALL RESILIENT MATERIALS AND STRAIGHT BASE AT ALL CARPETED AREAS.
7. WALL BASE AT TILED AREAS SHOULD MATCH FLOOR TILE, U.N.O.
8. FLOOR FINISH IN CLOSETS ARE TO BE THE SAME AS THE ROOM TO WHICH THEY OPEN, U.N.O.
9. EXTEND FLOOR FINISH UNDER ALL OPEN COUNTER TOPS, WORK SURFACES, WITHIN SINK BASE CABINETS AND WALL-MOUNTED FIXTURES. FLOOR FINISHES DO NOT EXTEND BENEATH FLOOR MOUNTED MILLWORK CABINETS.
10. TYPICAL PAINT FINISH ON WALLS IS PT-1, U.N.O.
11. ALL PAINT COLORS WILL BE DETERMINED AFTER FLOOR FINISH MATERIALS HAVE BEEN SUBMITTED AND SELECTED.
12. TYPICAL RUBBER ATHLETIC FLOOR IS RAF-1, U.N.O.
13. PROVIDE CORNER PROTECTION AT ALL CORNERS IN HALLS AND CORRIDORS

LEGEND

- CPT-1 — FLOOR FINISH
- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- CARPET
- LINOLEUM
- PORCELAIN TILE
- RESINOUS FLOORING
- RESILIENT ATHLETIC FLOORING
- RUBBER TREADS, RISERS & FLOORING
- WALK-OFF GRILLE

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Revision Schedule

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1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20

Registrations

Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA

TOWN OF ASHLAND

Drawing Title
LEVEL 1 FINISH PLAN

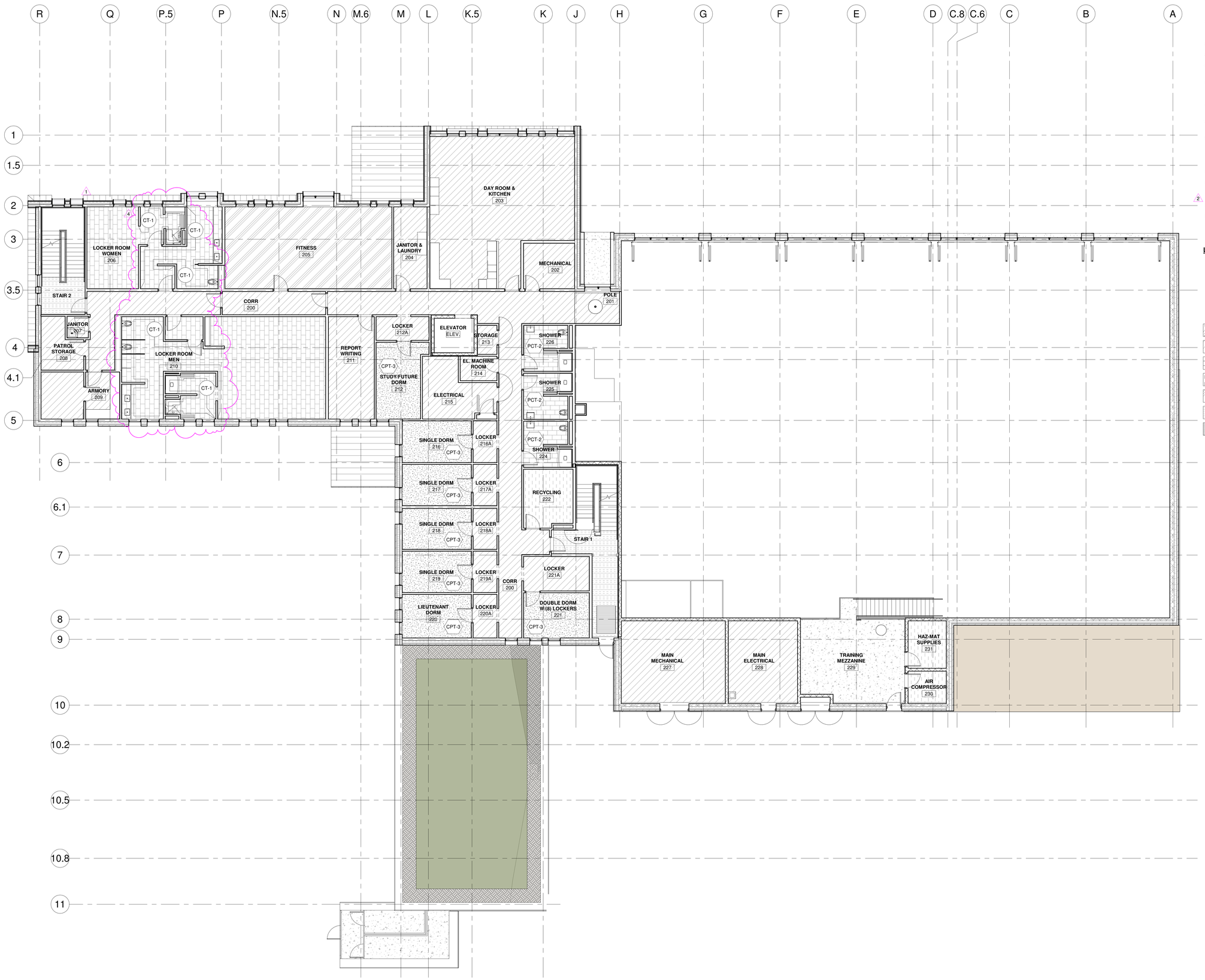
PJC	PJC
Drawn by	Checked by

OCTOBER 23, 2020
Date

21917
Job number

CONSTRUCTION DOCUMENTS
Drawing set

Drawing number
A-901



PLAN — LEVEL 02 FINISH FLOOR PLAN (1)

1/8" = 1'-0"

SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISH SCHEDULE AND TYPICAL TRANSITIONS BETWEEN FLOOR MATERIALS.
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13. PROVIDE CORNER PROTECTION AT ALL CORNERS IN HALLS AND CORRIDORS

LEGEND

- CPT-1 — FLOOR FINISH
- PT-1 — WALL FINISH
- RB-1 — WALL BASE
- CNT-1 — SPECIALTY FINISH
- CARPET
- LINOLEUM
- PORCELAIN TILE
- RESINOUS FLOORING
- RESILIENT ATHLETIC FLOORING
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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20
2	ADDENDUM #4	12.02.20
4	ADDENDUM #7	12.16.20

Registrations

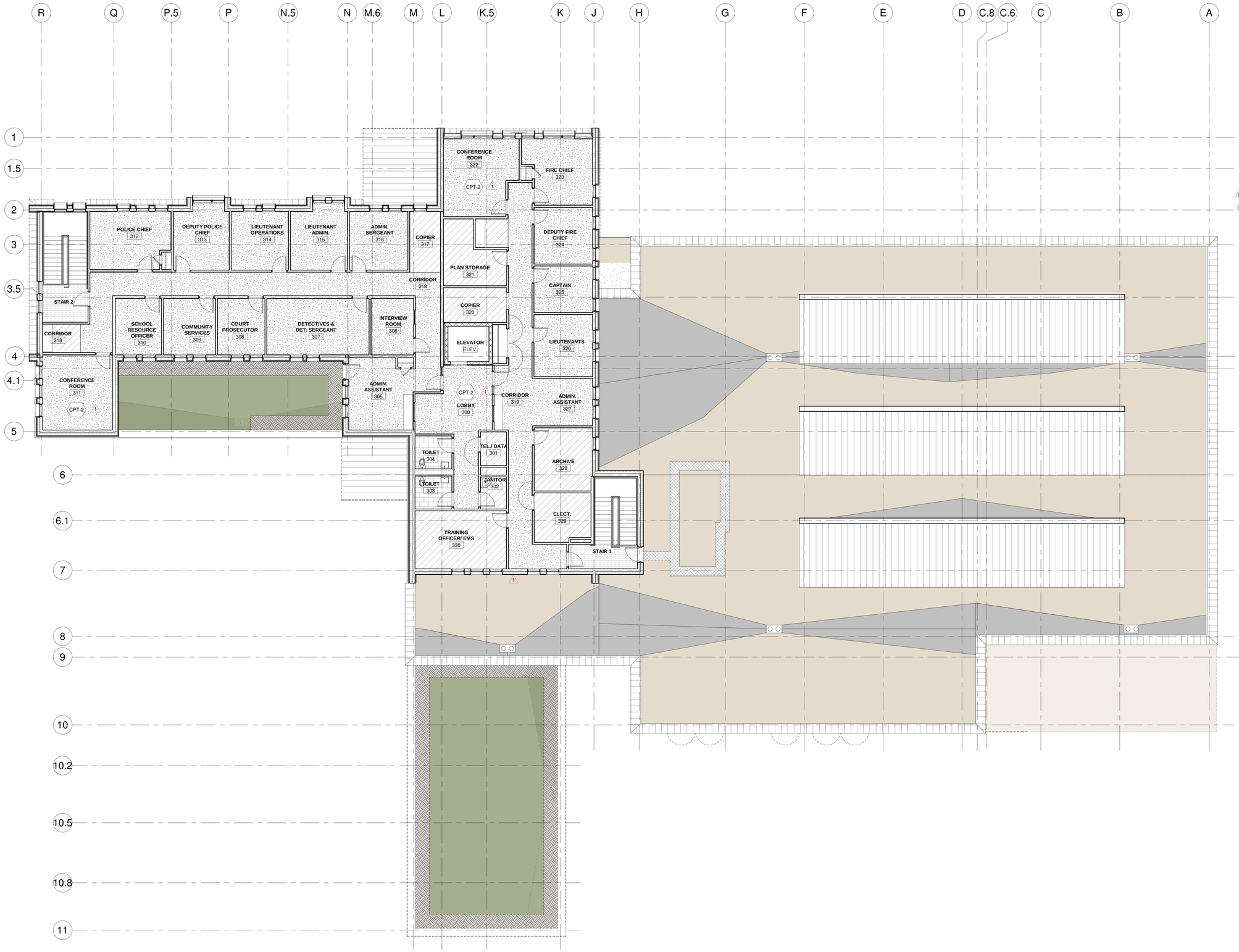
Consultants

Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 2 FINISH PLAN

Drawn by	Checked by
PJC	PJC

Date: OCTOBER 23, 2020
Job number: 21917
Drawing set: CONSTRUCTION DOCUMENTS
Drawing number: A-902



SHEET NOTES

1. REFER TO SHEET A-900 FOR ROOM FINISH SCHEDULE AND TYPICAL TRANSITIONS BETWEEN FLOOR MATERIALS.
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LEGEND

- CPT-1 FLOOR FINISH
- PT-1 WALL FINISH
- RB-1 WALL BASE
- CNT-1 SPECIALTY FINISH
- CARPET
- LINOLEUM
- PORCELAIN TILE
- RESINOUS FLOORING
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PLAN — LEVEL 03 FINISH FLOOR PLAN — 1

1/8" = 1'-0"

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Revision Schedule

Number	Revision	Date
1	ADDENDUM #2	11.13.20

Registrations

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Project
ASHLAND PUBLIC SAFETY BUILDING
12 UNION STREET; ASHLAND, MA
TOWN OF ASHLAND

Drawing Title
LEVEL 3 FINISH PLAN

Drawn by	Checked by
PJC	PJC

Date: OCTOBER 23, 2020
Job number: 21917
Drawing set: CONSTRUCTION DOCUMENTS
Drawing number: A-903