Town of Colchester
Colchester Senior Center

VOLUME 1 of 2

15 Louis Lane
Colchester, Connecticut 06415

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ISSUED FOR BID

September 9, 2022

ABBREVIATIONS

A.C.T.	ACOUSTICAL CEILING TILE
ADJ.	ADJUSTABLE
ALUM.	ALUMINUM
A.B.	ANCHOR BOLT
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
A.C.P.	ASBESTOS CEMENT PIPE
ASPH.	ASPHALT
AVG.	AVERAGE
BSMT.	BASEMENT
BRG.	BEARING
BIT.	BITUMINOUS
BLK.	BLOCK
BD.	BOARD
B.S.	BOTH SIDES
BRK.	BRICK
BLDG.	BUILDING
C.I.	CAST IRON
C.I.P.	CAST IN PLACE CONCRETE
C.B.	CATCH BASIN
C.B.R.	CATCH BASIN TO BE REMOVED
CLG.	CEILING
℄	CENTER LINE
C. BD.	CHALK BOARD
C.O.	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
CONF.	CONFERENCE
CONT.	CONTINUOUS, CONTINUE
CONTR.	CONTRACTOR
C.J.	CONTROL JOINT
C.C.	CURB CUT
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DR.	DOOR
DN.	DOWN
DWG.	DRAWING
EA.	EACH
E.F. / E.W.	EACH FACE / EACH WAY
ED.	EDUCATION
E / ELEC.	ELECTRICAL
EL. / ELEV.	ELEVATION
EMER.	EMERGENCY
ENCL.	ENCLOSURE
ENT.	ENTRANCE
EP.	EPOXY PAINT
EQ.	EQUAL
EXAM.	EXAMINATION
EXIST.	EXISTING
EXP.	EXPANSION
E.J.	EXPANSION JOINT
EXT.	EXTERIOR
F.S.	FAR SIDE
FIN.	FINISH, FINISHED
F.F.	FINISHED FLOOR
FIXT.	FIXTURE
FL.	FLOOR
F.P.	FOLDING PARTITION
FT.	FOOT
FTG.	FOOTING
FDN.	FOUNDATION
G.	GAS
GA.	GAUGE
GEN.	GENERAL
G.C.	GENERAL CONTRACTOR
GYP.	GYPSUM
GYP. BD.	GYPSUM BOARD
H.C.	HANDICAPPED
HDWR.	HARDWARE
HD.	HEADED
HGT.	HEIGHT
H.P.	HIGH POINT
H.M.	HOLLOW METAL
HORZ.	HORIZONTAL, HORIZONTALLY
H.B.	HOSE BIB
HR.	HOUR
HYD.	HYDRANT
INSUL.	INSULATION, INSULATED
INT.	INTERIOR
INV.	INVERTED
JAN.	JANITOR
K.P.	KICK PLATE
LAM.	LAMINATE
L.F.	LINEAR FOOT
LG.	LONG
LOC.	LOCATION
L.P.	LOW POINT
LTG.	LIGHTING
M.H.	MANHOLE
MAS.	MASONRY
M.O.	MASONRY OPENING
MAX.	MAXIMUM
MECH.	MECHANICAL
MIN.	MINIMUM
M.	MINUTE
MISC.	MISCELLANEOUS
MTD.	MOUNTED
N.S.	NEAR SIDE
NOM.	NOMINAL
N.A.	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO.	NUMBER
OCC.	OCCUPANT
O.C.	ON CENTER
OPNG.	OPENING
O.D.	OUTSIDE DIMENSION
PTD.	PAINTED
P.C.B.	PAINTED CONCRETE BLOCK
P.G.B.	PAINTED GYPSUM BOARD
PL.	PLATE
PLUMB.	PLUMBING
PREP.	PREPARATION, PREPARE
P.T.	PRESSURE TREATED
PROJ. MAN	PROJECT MANUAL
P.V.C.	POLYVINYL CHLORIDE
RAD.	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
RCP	REFLECTED CEILING PLAN
REINF.	REINFORCEMENT
REQD.	REQUIRED
R.	RISER
R.D.	ROOF DRAIN
R.H.	ROOF HATCH
R.L.	ROOF LEADER
RM.	ROOM
SAN.	SANITARY
SCHED.	SCHEDULE
S.C.	SEALED CONCRETE
SECT.	SECTION
S.W.	SHEAR WALL
S.W.F.	SHEAR WALL FOOTING
SIM.	SIMILAR
S.O.G.	SLAB ON GRADE
SPEC.	SPECIFICATIONS
SQ.	SQUARE
SQ. FT.	SQUARE FEET
STL.	STEEL
S.F.	STEP FOOTING
S.	STORM
S.S.	SOLID SURFACE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED, SUSPENSION
TECH.	TECHNOLOGY
T.	TELEPHONE
T&B	TOP AND BOTTOM
T.O.	TOP OF
T.O.F.	TOP OF FRAME
T/S	TOP OF SLAB
T.O.S.	TOP OF STEEL
T/W	TOP OF WALL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD
VERT.	VERTICAL
V.B.	VINYL BASE
V.C.T.	VINYL COMPOSITE TILE
W.	WATER
W.C.J.	WALL CONTROL JOINT
W.W.F.	WELDED WIRE FABRIC
W.W.M.	WELDED WIRE MESH
W/	WITH
WD.	WOOD
@	AT

SYMBOL LEGEND

- 101 / A — DOOR NUMBER
- ? — WINDOW TYPE
- ? — ROOM NAME / ? — ROOM NUMBER
- ? — PARTITION TYPE
- — CONSTRUCTION NOTE
- X — GLAZING TYPE
- 2 / A101 — EXTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 / A101 — INTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 / A101 — BUILDING SECTION NUMBER / SHEET NUMBER
- 2 / A101 — WALL SECTION NUMBER / SHEET NUMBER
- — REFERENCE POINT
- X — REVISION MARK

GRAPHIC LEGEND

- CONCRETE
- CONCRETE MASONRY UNITS
- BRICK
- STONE
- METALS
- COMPACTED GRAVEL
- EARTH
- PLYWOOD
- ACOUSTICAL TILE
- WOOD FRAMING - THROUGH MEMBER
- WOOD FRAMING - INTERRUPTED MEMBER
- FINISHED WOOD
- BATT INSULATION
- RIGID INSULATION
- GYPSUM BOARD

- NEW SINGLE DOOR
- NEW DOUBLE DOOR

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO FABRICATION, FURNISHING AND INSTALLATION OF ANY MATERIALS, EQUIPMENT AND WORK.
2. ALL MATERIALS & EQUIPMENT SHOWN ARE NEW TO BE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED.
3. ALL EXISTING UTILITIES & EQUIPMENT LOCATIONS ARE APPROXIMATE - CONTRACTOR SHALL FIELD VERIFY AND/OR COORDINATE EXACT LOCATIONS.
4. CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING CONSTRUCTION TO PROTECT MATERIALS AND EQUIPMENT. ANY & ALL DAMAGED ITEMS & EQUIPMENT DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
5. ALL DOOR HARDWARE SHALL BE PROVIDED TO COMPLY WITH ADA, ANSI AND ALL OTHER APPLICABLE CODES.
6. ALL NEW EXPOSED/VISIBLE DECKING, BEAMS, COLUMNS, JOISTS AND OTHER STRUCTURAL COMPONENTS SHALL BE PAINTED UNLESS OTHERWISE NOTED.
7. ALL CONTRACTORS SHALL REVIEW DRAWINGS AND PROJECT MANUAL. IF THERE IS A DISCREPANCY BETWEEN THE TWO OR ANY OTHER PARTS OF THE DOCUMENTS, THE HIGHER VALUE (IN DOLLARS) SHALL PREVAIL AS THE SCOPE OF WORK THAT WILL BE PRICED UNLESS OTHERWISE DIRECTED IN WRITING BY THE ARCHITECT DURING THE BIDDING PERIOD.

LIST OF DRAWINGS

VOLUME 1

GENERAL INFO AND CODE DRAWINGS

G000	COVER SHEET - VOLUME 1
G001	GENERAL INFORMATION AND DRAWING LIST
G002	BUILDING CODE PLANS & INFORMATION

CIVIL DRAWINGS

C001	SITE PLAN - EXISTING CONDITIONS
C002	SITE PLAN - LAYOUT AND MATERIALS
C003	SITE PLAN - LANDSCAPING
C004 (GU)	SITE PLAN - GRADING
C005	SITE PLAN - UTILITIES
C006	SITE PLAN - SIGNAGE AND PAVEMENT MARKINGS
C007	SITE PLAN - SEDIMENT AND EROSION CONTROL
C008	SITE PLAN - SEDIMENT AND EROSION CONTROL DETAILS
C009	SITE DETAILS
C010	SITE DETAILS
C011	SITE DETAILS
C012	SITE DETAILS
C013	SITE DETAILS
C014	SITE DETAILS

ARCHITECTURAL DRAWINGS

A110	MAIN LEVEL FLOOR PLAN
A120	ATTIC LEVEL FLOOR PLAN
A150	ROOF PLAN
A155	TYPICAL ROOF DETAILS (BASE BID)
A160	ENLARGED PLANS
A210	MAIN LEVEL RCP
A250	CEILING DETAILS
A280	MAIN LEVEL FLOOR PATTERN & FINISH PLAN
A280	ENLARGED CORRIDOR FLOOR PATTERN PLAN W WAINSCOT PLACEMENT
A300	EXTERIOR ELEVATIONS
A400	BUILDING SECTIONS
A401	BUILDING SECTIONS
A402	BUILDING SECTIONS
A403	BUILDING SECTIONS
A500	WALL SECTIONS
A501	WALL SECTIONS
A502	WALL SECTIONS
A503	WALL SECTIONS
A504	WALL SECTIONS
A550	SECTION DETAILS
A551	SECTION DETAILS
A552	SECTION DETAILS
A553	SECTION DETAILS
A600	WINDOW ELEVATIONS
A650	WINDOW DETAILS
A700	INTERIOR TOILET ELEVATIONS
A701	INTERIOR TOILET ELEVATIONS
A710	INTERIOR ELEVATIONS
A711	INTERIOR ELEVATIONS
A712	INTERIOR ELEVATIONS
A713	INTERIOR ELEVATIONS
A714	INTERIOR ELEVATIONS
A800	CASEWORK DETAILS-RECEPTION DESK
A801	CASEWORK DETAIL- RECEPTION DESK
A802	CASEWORK DETAILS- BENCH & KIOSK
A803	CASEWORK DETAILS
A910	DOOR SCHEDULE, ELEVATIONS AND DETAILS
A920	SIGNAGE DETAILS

STRUCTURAL DRAWINGS

S000	ISOMETRIC VIEWS
S001	STRUCTURAL NOTES
S002	STRUCTURAL NOTES
S003	ROOF LOADING PLANS
S100	FOUNDATION PLAN
S101	ATTIC AND ROOF PLAN
S102	TOWER ROOF AND OVERBUILD PLAN
S200	STRUCTURAL SECTIONS
S201	STRUCTURAL SECTIONS
S202	STRUCTURAL SECTIONS
S300	STRUCTURAL DETAILS
S301	STRUCTURAL DETAILS
S302	STRUCTURAL DETAILS
S303	STRUCTURAL DETAILS
S304	TRUSS PROFILES
S400	GRAPHICAL COLUMN SCHEDULE

WALL PARTITION NOTES

1. AT SMOKE RATED WALLS, SEAL ALL DUCT, PIPE AND OTHER PENETRATIONS WITH SAFING INSULATION/PUTTY ASSEMBLY TO RESIST PASSAGE OF SMOKE AND TO MAINTAIN MINIMUM STC RATING INDICATED. SEE ALSO CODE PLANS, M/E/P/FP DRAWINGS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION
2. AT WALLS NOT REQUIRED TO BE SMOKE RATED, SEAL ALL DUCT, PIPE AND OTHER PENETRATIONS WITH ACOUSTICAL MINERAL WOOL AND PROVIDE NON-COMBUSTIBLE SEALANT AT PERIMETER OF PENETRATION ON BOTH FACES OF WALL AS REQUIRED TO MAINTAIN STC RATING INDICATED
3. USE MOLD AND MOISTURE RESISTANT DRYWALL AT ALL TOILET ROOM WALLS AND BEHIND FRP
4. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND GAUGES OF ALL STRUCTURAL STEEL AND COLD FORMED METAL FRAMED WALLS. REFER TO DIVISION 9 SPECIFICATIONS FOR ALL NON-STRUCTURAL METAL FRAMING GAUGES.

VOLUME 2

GENERAL INFO DRAWINGS

G000	COVER SHEET - VOLUME 2
G001	GENERAL INFORMATION AND DRAWING LIST

FIRE PROTECTION DRAWINGS

FP001	GENERAL NOTES - FIRE PROTECTION
FP100	FLOOR PLAN - FIRE PROTECTION
FP101	ATTIC PLAN - FIRE PROTECTION
FP200	SECTIONS - FIRE PROTECTION
FP201	SECTIONS - FIRE PROTECTION
FP202	SECTIONS -FIRE PROTECTION
FP203	ISOMETRIC PLAN - FIRE PROTECTION
FP300	SCHEDULES - FIRE PROTECTION
FP400	DETAILS - FIRE PROTECTION

PLUMBING DRAWINGS

P001	GENERAL NOTES - PLUMBING
P101	OVERALL PLANS - PLUMBING
P102	ATTIC PLAN - PLUMBING
P201	PARTIAL PLANS - PLUMBING
P202	KITCHEN PLAN - PLUMBING
P300	SCHEDULES - PLUMBING
P400	DETAILS - PLUMBING
P401	DETAILS - PLUMBING

MECHANICAL DRAWINGS

M000	MECHANICAL GENERAL NOTES
M100	MAIN LEVEL MECHANICAL PLAN
M101	ATTIC LEVEL MECHANICAL PLAN
M500	MECHANICAL DETAILS
M501	MECHANICAL DETAILS
M900	MECHANICAL SCHEDULES

ELECTRICAL DRAWINGS

E001	SYMBOLS, NOTES & ABBREVIATIONS - ELECTRICAL
E002	LIGHT FIXTURE SCHEDULE
E101	FLOOR PLAN - LIGHTING
E102	ATTIC PLAN - LIGHTING
E201	FLOOR PLAN - POWER
E202	ATTIC PLAN - POWER
E301	SITE PLAN - ELECTRICAL
E401	ONE LINE DIAGRAM - ELECTRICAL & FIRE ALARM
E501	PANEL SCHEDULES - ELECTRICAL
E502	PANEL SCHEDULES - ELECTRICAL
E601	DETAILS - ELECTRICAL
E602	DETAILS - ELECTRICAL

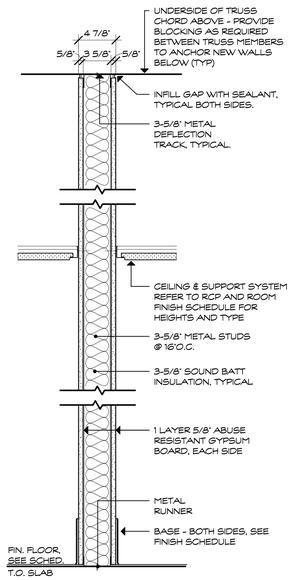
TECHNOLOGY DRAWINGS

T001	SYMBOLS, NOTES & ABBREVIATIONS - TECHNOLOGY
T101	FLOOR PLAN - TECHNOLOGY
T102	ATTIC PLAN - TECHNOLOGY

FOOD SERVICE DRAWINGS

FS000	FOODSERVICE EQUIPMENT SCHEDULE
FS001	GENERAL NOTES
FS002	ELECTRICAL NOTES
FS003	PLUMBING NOTES
FS004	MECHANICAL NOTES
FS100	FOODSERVICE EQUIPMENT PLAN & SCHEDULE
FS200	FOODSERVICE EQUIPMENT ELECTRICAL PLAN & SCHEDULE
FS300	FOODSERVICE EQUIPMENT PLUMBING PLAN & SCHEDULE
FS400	FOODSERVICE EQUIPMENT LIFE SAFETY PLAN
FS500	FOODSERVICE EQUIPMENT ELEVATIONS REFERENCE PLAN
FS501	FOODSERVICE EQUIPMENT ELEVATIONS
FS600	FOODSERVICE EQUIPMENT SPECIAL CONDITIONS PLAN
FS601	FOODSERVICE EQUIPMENT SLAB PENETRATIONS PLAN
FS700	FOODSERVICE EQUIPMENT CFM PLAN
FS800	FOODSERVICE EQUIPMENT HOOD DETAILS
FS801	FOODSERVICE EQUIPMENT HOOD DETAILS
FS802	FOODSERVICE EQUIPMENT HOOD DETAILS
FS803	FOODSERVICE EQUIPMENT HOOD DETAILS
FS804	FOODSERVICE EQUIPMENT HOOD DETAILS
FS805	FOODSERVICE EQUIPMENT HOOD DETAILS
FS806	FOODSERVICE EQUIPMENT HOOD DETAILS

PARTITION TYPES

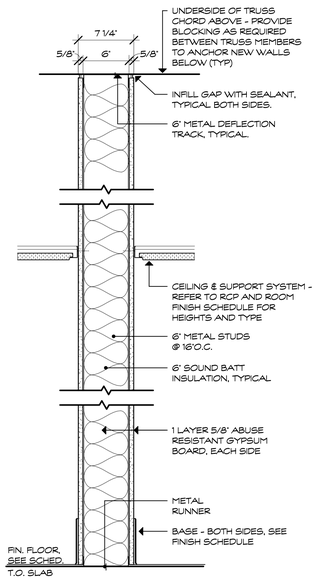


TYPE 1A — SEE WALL PARTITION NOTES ON THIS SHEET

STC RATING: 47 MINIMUM

TYPE 1B — SEE WALL PARTITION NOTES ON THIS SHEET

OMIT ONE LAYER OF GWB ON CHASE SIDE



TYPE 2A — SEE WALL PARTITION NOTES ON THIS SHEET

STC RATING: 50 MINIMUM

TYPE 2B — SEE WALL PARTITION NOTES ON THIS SHEET

OMIT ONE LAYER OF GWB ON CHASE SIDE

TYPE 2C — SEE WALL PARTITION NOTES ON THIS SHEET

WALL EXTENDS UP TO ROOF STRUCTURE ABOVE
STC RATING: 50 MINIMUM

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Revision:	Description:	Date:	Revised By:
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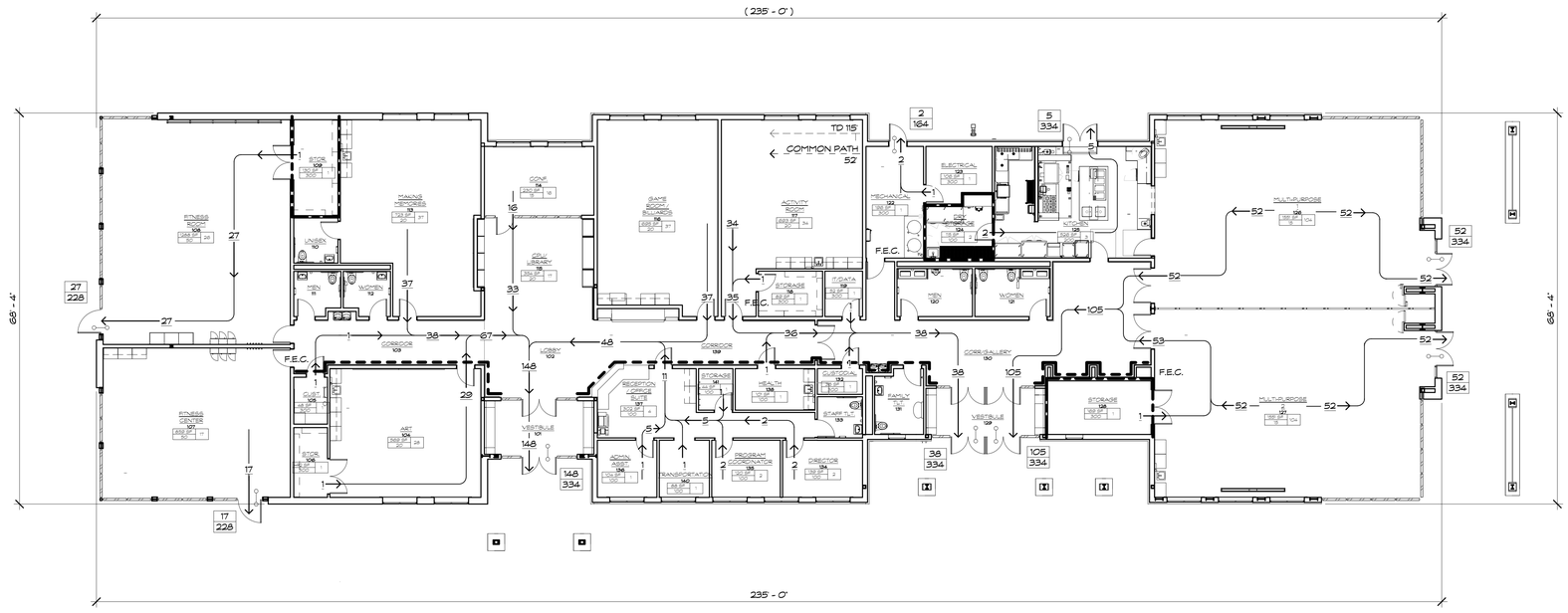
Drawing Title:
GENERAL INFORMATION AND DRAWING LIST

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: C. NARDI
Project Number: 20.003
Drawing Number: G001



1 MAIN LEVEL EGRESS PLAN

3/32" = 1'-0"

PROJECT NORTH

CODE INFORMATION

PROPOSED DATE OF CONSTRUCTION: 2022

1. GROUP CLASSIFICATION (Chapter 3)
   - (Primary): A-2 / A-3
   - (Accessory): B

2. CONSTRUCTION TYPE (Chapter 6)
   - Minimum Type Required: VB
   - Actual Type Provided: VB

3. BUILDING HEIGHT (Chapter 5)
   - Allowable Height (story/feet): 2/60'-0"
   - Actual Height (story/feet): 1/40'-0"
   - (Stories Above Grade): 1

4. BUILDING AREA (Chapter 5)

   1) Building Area
   - Main Level: 14,210 sq.ft.
   - Attic Level (non-occupiable): 1,498 sq.ft.
   - Total Area: 15,708 sq.ft.

5. AREA MODIFICATIONS TO TABLE 506.2

	N	E	S	W
Total Perimeter =	235 ft.	68.33 ft.	235 ft.	68.33 ft.
Open Perimeter =	0 ft.	68.33 ft.	235 ft.	68.33 ft.

Total Frontage (F) 371.66 ft. (building perimeter which fronts on a public way or open space having 20 feet open min.)

Perimeter (P) 606.66 ft. (perimeter of the entire building)

(Equation 5-4)
W = (L1 x W1 + L2 x W2...)/F
W = (235 x 0 + 68.33 x 30 + 235 x 30 + 68.33 x 30)/371.66

Width of open space (W) = 30'

(Equation 5-5)
If = [F/P-0.25]W/30
If = [371.66/606.66 - 0.25] 30/30=

% Frontage increase (If) = 36.2

6. CASE 1 - NONSEPERATED OCCUPANCIES (508.3)
   USE GROUPS A and B & S-1 (E is most stringent)

   a) ALLOWABLE AREA per floor (Aa)
   1.362 (conversion factor) x 24,000 (tabular area, Table 506.2) = 32,688 sq. ft.

   b) ACTUAL BUILDING AREA: 14,210 sq. ft.

7. CASE 2 - SEPARATED OCCUPANCIES (508.4)
   (NOT USED)

8. FIRE-RESISTANCE RATED REQUIREMENTS FOR BUILDING ELEMENTS
   (Table 601, See Code Plans for specific designations)

1 Structural frame: including columns, girders, trusses	0 Hr(s)
2 Bearing walls: Exterior (Table 602)	0* Hr(s)
Interior	0 Hr(s)
3 Nonbearing walls & partitions Exterior (Table 602)	0* Hr(s)
4 Nonbearing walls & partitions Interior	0 Hr(s)
5 Floor Construction (including supporting beams & joists)	0 Hr(s)
6 Roof Construction (including supporting beams & joists)	0 Hr(s)

* All exterior walls have a minimum 10' Fire Separation Distance from nearest lot line

9. OCCUPANCY LOAD
   - Design Total: 446
   - Total Exit Capacity: 2,624

CODE LEGEND

AREA IN SF 840 / OCC. LOAD FACTOR 20 = 42 ROOM OCCUPANCY LOAD

ACTUAL EGRESS OCC. OF DOOR 42 / MAX. ALLOWABLE EGRESS OCC. OF DOOR 168 EXIT CAPACITY

C216 — ROOM NUMBER

1227 → — DIRECTION OF TRAVEL W/ ACCUMULATED OCC. LOAD

TD 145' - - - → — MAXIMUM TRAVEL DISTANCE FROM FURTHEST POINT

198' - - - - → — COMMON PATH OF TRAVEL

▬▬▬ — SMOKE BARRIER

▬ ▬ ▬ — LUMINOUS EGRESS PATH MARKINGS (REFER TO PROJECT MANUAL) PURSUANT TO 2015 IBC PORTION OF THE 2018 CT BUILDING CODE. SECTION 1025 - SUBSECTION 1025.6)

o—o — DENOTES ACCESSIBLE THRESHOLD 1/2" MAX STEP W/BEVELED THRESHOLD OR 1/2" STEP W/OUT BEVELED THRESHOLD

60.66' — - DIMENSION OF OPEN PERIMETER ALONG ENTIRE LONGITUDINAL FACE

(60.66) — - DIMENSION OF NON-OPEN PERIMETER ALONG ENTIRE LONGITUDINAL FACE

F.E.C. — - RECESSED FIRE EXTINGUISHER CABINET TYPICAL OF (4). REFER TO PROJECT MANUAL

10. MODIFICATIONS

	Approved	Not Approved
n/a		

11. ACCESSIBLE BUILDING: X Designated; Non Designated

12. MINIMUM PLUMBING FIXTURE COUNT (I.P.C. Chapter 4)
For each type of occupancy per entire facility

BUSINESS (B) Group occupancy:
TOTAL Occupancy Load (Use B) : (Design Load = 12)

	Required
W/C Male	.24
W/C Female	.24
Lavs Male	.15
Lavs Female	.15
D/F	.06
Service Sink	0

ASSEMBLY (A-2) Group occupancy (Banquet Hall)
TOTAL Occupancy Load (Use A-2) : (Design Load = 213)

	Required
W/C Male	1.42
W/C Female	1.42
Lavs Male	.53
Lavs Female	.53
D/F	.43
Service Sink	1

ASSEMBLY (A-3) Group occupancy
TOTAL Occupancy Load (Use A-3) : (Design Load = 221)

	Required
W/C Male	.89
W/C Female	1.7
Lavs Male	.55
Lavs Female	.55
D/F	.44
Service Sink	1

TOTAL REQUIRED AND PROVIDED QUANTITY OF PLUMBING FIXTURES:
Use of unisex, staff and family toilets and lavs shall be evenly proportioned and count towards total fixtures provided per IBC 2902.1.2

	Required	Provided
W/C Male	2.55 (3)	4
W/C Female	3.36 (4)	5
Lavs Male	1.23 (2)	4
Lavs Female	1.23 (2)	5
D/F	.93 (1)	4
Service Sink	2	3

13. ENTIRE BUILDING SPRINKLERED: Yes X / No

14. THRESHOLD BUILDING CONDITIONS: Yes / No X

15. CODES TO WHICH THIS PROJECT WAS DESIGNED

State Building Code	2015 EIBC/2018 CT Amendments
State Fire Code	2015 IFC/2018 CT Amendments
State Building Code	2015 IBC/2018 CT Amendments
State Mechanical Code	2015 IMC/2018 CT Amendments
State Plumbing Code	2015 IPC/2018 CT Amendments
State Energy Conservation Code	2015 IEC/2018 CT Amendments
State Electrical Code	2017 NFPA 70/2018 CT Amend.
State Health Code	most current
OSHA	most current
Section 504	current
ADA	2010
ANSI 117.1	2009 ICC A117.1

1. CLASSIFICATION OF OCCUPANCY	ASSEMBLY
2. MINIMUM CONSTRUCTION REQUIRED	VB
ACTUAL CONSTRUCTION PROVIDED	VB
3. NOTIFICATION / ALARMS (CFSC 2005, NFPA 72, NATIONAL FIRE ALARM CODE 2002)	YES X NO
4. DETECTION (CFSC 2005, NFPA 72, NATIONAL FIRE ALARM CODE 2002)	YES X NO
5. EXTINGUISHMENT REQUIREMENTS (NFPA 13, 2002)	YES X NO

MEANS OF EGRESS
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
IBC TABLE 1004.1.2

USE	FLOOR AREA IN S.F. PER OCCUPANT
1. CLASSROOMS/ACTIVITY ROOMS	20 S.F. NET
2. EXERCISE ROOMS	50 S.F. NET
3. ASSEMBLY	
TABLES AND CHAIRS	15 S.F. NET
4. KITCHEN	200 S.F. GROSS
5. MECHANICAL AREAS	300 S.F. GROSS
6. STORAGE	300 S.F. GROSS
7. BUSINESS AREAS	100 S.F. GROSS

MAXIMUM LENGTH OF EXIT TRAVEL
1. I.B.C. TABLE 1017.2: 250 feet

PURSUANT TO IBC SECTION 1025.6 AND CGS 29-256d, APPROVED LUMINOUS EGRESS PATH MARKINGS SHALL BE PROVIDED IN EXIT ACCESS CORRIDORS

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Drawing Number: G002

Test Pit: 1
00"-24" TOPSOIL
24"-48" MIXTURE OF LIGHT BROWN VERY FINE SAND WITH SOME SILT AND GRAY SAND AND SILT
48"-60" COARSE SAND WITH GRAVEL AND SOME COBBLES

MOTTLING - 33"
GROUNDWATER - 49"
WATER WEEPING - 47"
LEDGE-N/A
ROOTS - 24"

Test Pit: 2
00"-25" TOPSOIL
25"-34" DARK BROWN VERY FINE SAND WITH SILT
34"-47" LIGHT BROWN VERY FINE SAND WITH SOME SILT
47"-77" COARSE SAND WITH GRAVEL AND COBBLES, HEAVILY MOTTLED

MOTTLING - 32"
GROUNDWATER - 60"
WATER WEEPING - N/A
LEDGE-N/A
ROOTS - 27"

Test Pit: 3
00"-15" TOPSOIL
15"-32" ORANGE BROWN FINE SAND WITH SOME SILT
32"-43" GRAY FINE SAND, SOME SILT
43"-75" COARSE SAND WITH GRAVEL, HEAVILY MOTTLED

MOTTLING - 29"
GROUNDWATER - 54"
WATER WEEPING - N/A
LEDGE-N/A
ROOTS - 25"

Test Pit: 4
00"-19" TOPSOIL
19"-39" LIGHT BROWN VERY FINE SAND WITH SOME SILT
39"-79" GRAY SAND AND SILT, HEAVILY MOTTLED

MOTTLING - 30"
GROUNDWATER - 59"
WATER WEEPING - 39"
LEDGE-N/A
ROOTS - 24"

Test Pit: 5
00"-22" TOPSOIL
22"-38" LIGHT BROWN FINE SAND,TRACE SILT
38"-48" GRAY FINE SAND WITH SOME SILT
48"-83" COARSE SAND WITH GRAVEL AND COBBLES, FIRM, HEAVILY MOTTLED

MOTTLING - 35"
GROUNDWATER - 61"
WATER WEEPING - N/A
LEDGE-N/A
ROOTS - 40"

Test Pit: 6
00"-15" TOPSOIL
15"-33" LIGHT BROWN FINE SAND WITH SOME SILT
33"-37" GRAY FINE SAND AND SILT
37"-82" MEDIUM BROWN COARSE SAND WITH TRACE COBBLES, HEAVILY MOTTLED

MOTTLING - 24"
GROUNDWATER - 60"
WATER WEEPING - N/A
LEDGE-N/A
ROOTS - 29"

Test Pit: 7
00"-13" TOPSOIL
13"-34" ORANGE BROWN FINE SAND, SOME SILT, SOME COBBLES
34"-38" GRAY FINE SAND WITH SILT
38"-74" NOT VISIBLE DUE TO WATER, MOST LIKELY COARSE SAND WITH GRAVEL AND COBBLES, WELL-GRADED

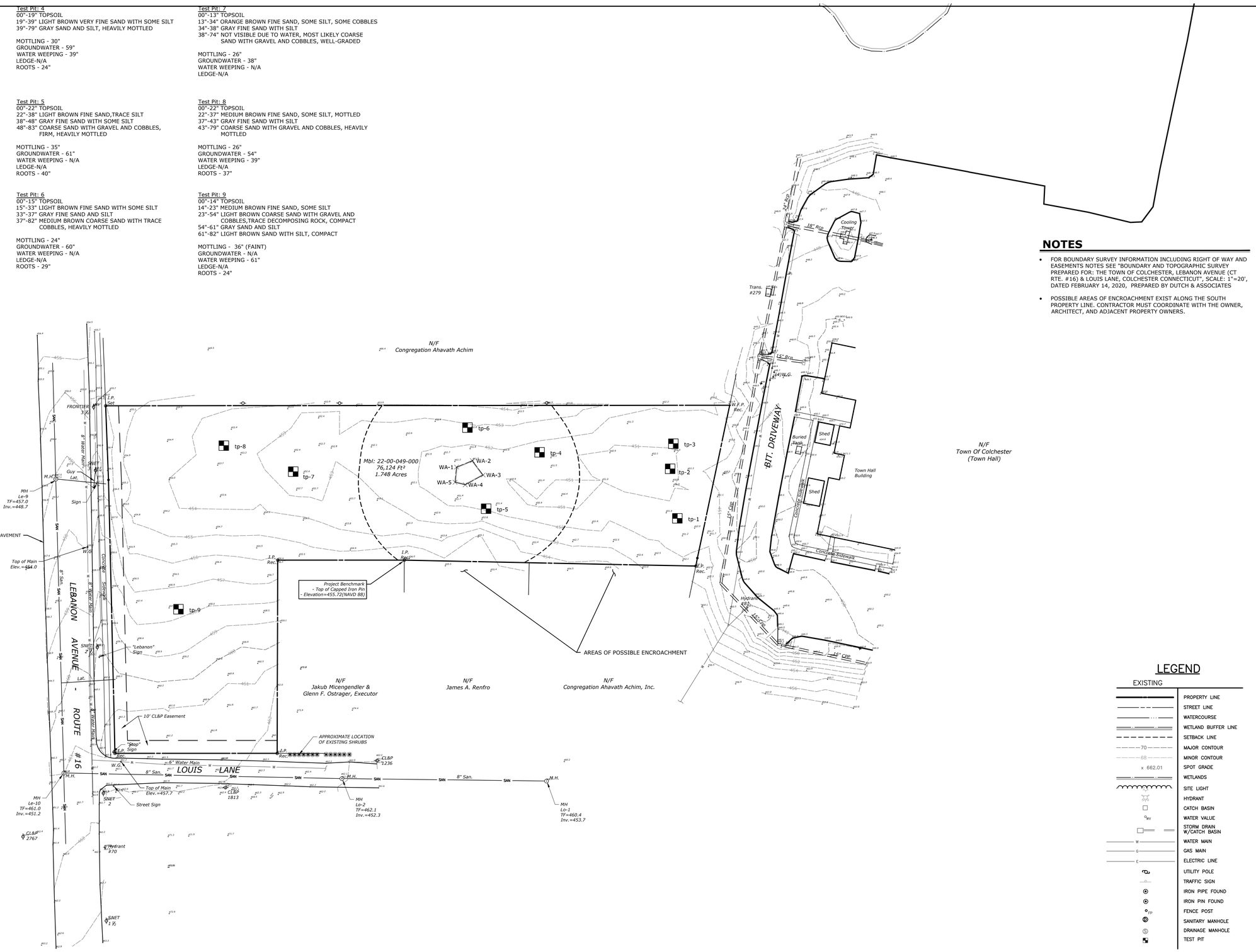
MOTTLING - 26"
GROUNDWATER - 38"
WATER WEEPING - N/A
LEDGE-N/A

Test Pit: 8
00"-22" TOPSOIL
22"-37" MEDIUM BROWN FINE SAND, SOME SILT, MOTTLED
37"-43" GRAY FINE SAND WITH SILT
43"-79" COARSE SAND WITH GRAVEL AND COBBLES, HEAVILY MOTTLED

MOTTLING - 26"
GROUNDWATER - 54"
WATER WEEPING - 39"
LEDGE-N/A
ROOTS - 37"

Test Pit: 9
00"-14" TOPSOIL
14"-23" MEDIUM BROWN FINE SAND, SOME SILT
23"-54" LIGHT BROWN COARSE SAND WITH GRAVEL AND COBBLES,TRACE DECOMPOSING ROCK, COMPACT
54"-61" GRAY SAND AND SILT
61"-82" LIGHT BROWN SAND WITH SILT, COMPACT

MOTTLING - 36" (FAINT)
GROUNDWATER - N/A
WATER WEEPING - 61"
LEDGE-N/A
ROOTS - 24"



NOTES

- FOR BOUNDARY SURVEY INFORMATION INCLUDING RIGHT OF WAY AND EASEMENTS NOTES SEE "BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED FOR: THE TOWN OF COLCHESTER, LEBANON AVENUE (CT RTE. #16) & LOUIS LANE, COLCHESTER CONNECTICUT", SCALE: 1"=20', DATED FEBRUARY 14, 2020, PREPARED BY DUTCH & ASSOCIATES
- POSSIBLE AREAS OF ENCROACHMENT EXIST ALONG THE SOUTH PROPERTY LINE. CONTRACTOR MUST COORDINATE WITH THE OWNER, ARCHITECT, AND ADJACENT PROPERTY OWNERS.

LEGEND

EXISTING

- PROPERTY LINE
- STREET LINE
- WATERCOURSE
- WETLAND BUFFER LINE
- SETBACK LINE
- MAJOR CONTOUR
- MINOR CONTOUR
- x 662.01 SPOT GRADE
- WETLANDS
- SITE LIGHT
- HYDRANT
- CATCH BASIN
- WATER VALVE
- STORM DRAIN W/CATCH BASIN
- WATER MAIN
- GAS MAIN
- ELECTRIC LINE
- UTILITY POLE
- TRAFFIC SIGN
- IRON PIPE FOUND
- IRON PIN FOUND
- FENCE POST
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- TEST PIT

Project Title:
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Town of Colchester
15 Louis Lane
Colchester, CT 06415

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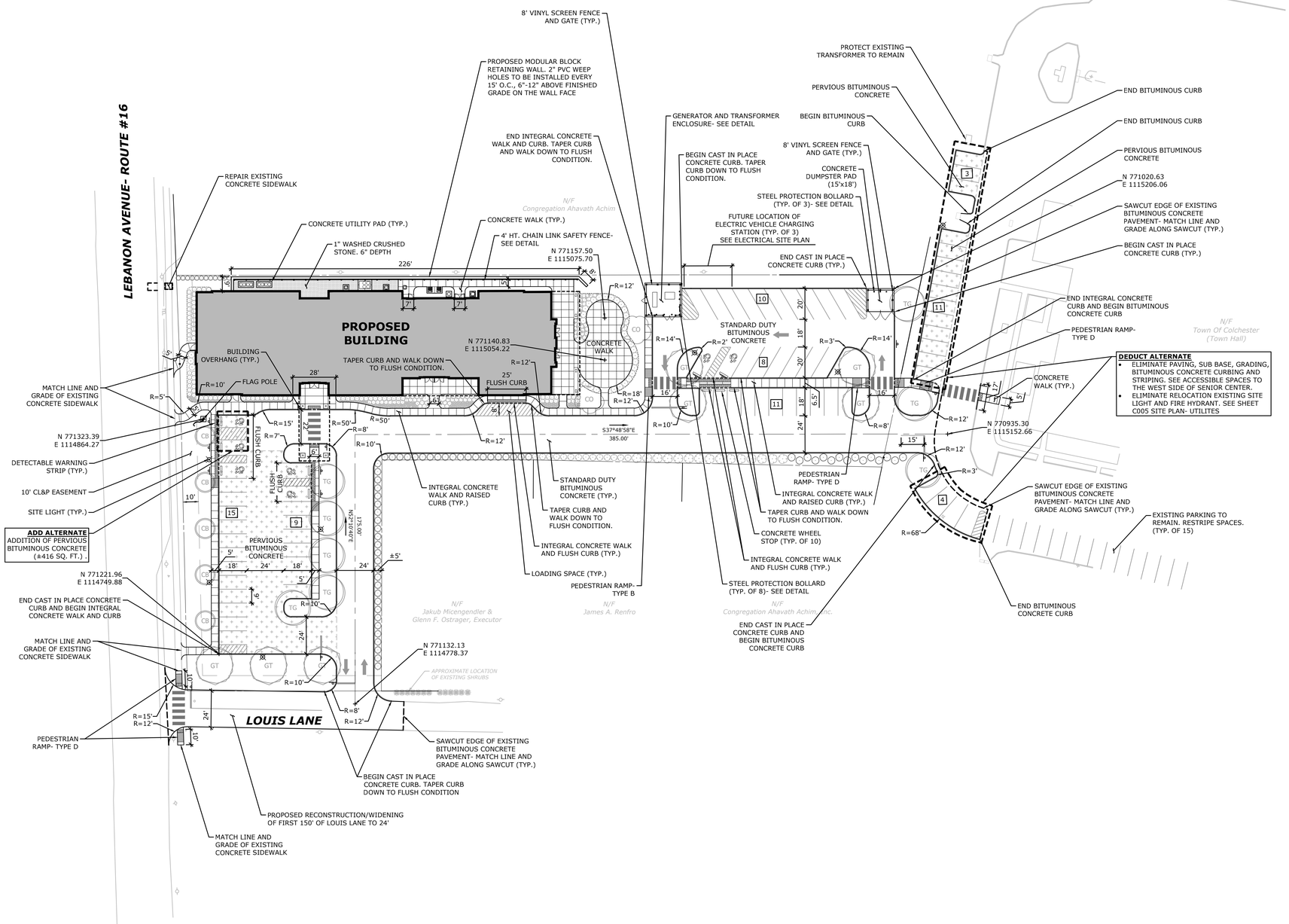
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
SITE PLAN - EXISTING CONDITIONS

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: ---
Project Number: 20.003

Drawing Number: C001



LAYOUT NOTES

1. ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
2. LAYOUT CRITERIA AND DIMENSIONS FOR BUILDINGS ARE NOT SHOWN ON THIS PLAN. ALL BUILDINGS SHALL BE LOCATED BY A CONNECTICUT LICENSED SURVEYOR AND COORDINATED WITH THE FOUNDATION PLANS SUPPLIED BY THE ARCHITECT OR THEIR CONSULTANT. ALL FOUNDATION PLANS SHALL BE PROVIDED TO THE SURVEYOR AND THE ENGINEER AT THE TIME OF STAKE-OUT REQUEST.
3. CONCRETE SIDEWALKS, ENTRY AREAS, AND TERRACES SHALL INCORPORATE EXPANSION JOINTS, SCORE JOINTS, AND CONSTRUCTION JOINTS PER THE SPECIFICATIONS AND DETAILS, TYPICALLY NO MORE THAN 144 SQUARE FEET SHALL CONSTITUTE A CONTIGUOUS SLAB. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR JOINTING PERTAINING TO THESE DISCIPLINES.
4. ALL CURBS RADII SHALL BE 5' UNLESS SPECIFIED OTHERWISE.
5. ALL CURBING SHALL BE CONCRETE UNLESS OTHERWISE NOTED. WHERE SIDEWALKS ABUTS CONCRETE CURB USE INTEGRAL CONCRETE WALK AND CURB (SEE DETAILS). IN ALL OTHER CASES USE FULL DEPTH CAST IN PLACE CONCRETE CURB.
6. WHERE WALK AND PAVED DRIVE ARE SPECIFIED TO BE FLUSH, A FLUSH (FULL DEPTH) CONCRETE CURB SHALL ALSO BE INSTALLED. SEE DETAIL.
7. ALL SIDEWALKS ARE TO BE CONCRETE.

LEGEND

- PERVIOUS BITUMINOUS CONCRETE
- BITUMINOUS CONCRETE
- CONCRETE WALK WITH SCORE JOINT
- SITE LIGHT
- CONCRETE CURB
- FLUSH CONCRETE CURB
- CHAIN LINK FENCE
- VINYL FENCE

PARKING SUMMARY

EXISTING PARKING	
TOWN HALL SITE	128 SPACES
PROPOSED PARKING	
TOWN HALL SITE	18 SPACES
SENIOR CENTER SITE	53 SPACES
TOTAL PARKING	199 SPACES

Project Title:
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Town of Colchester
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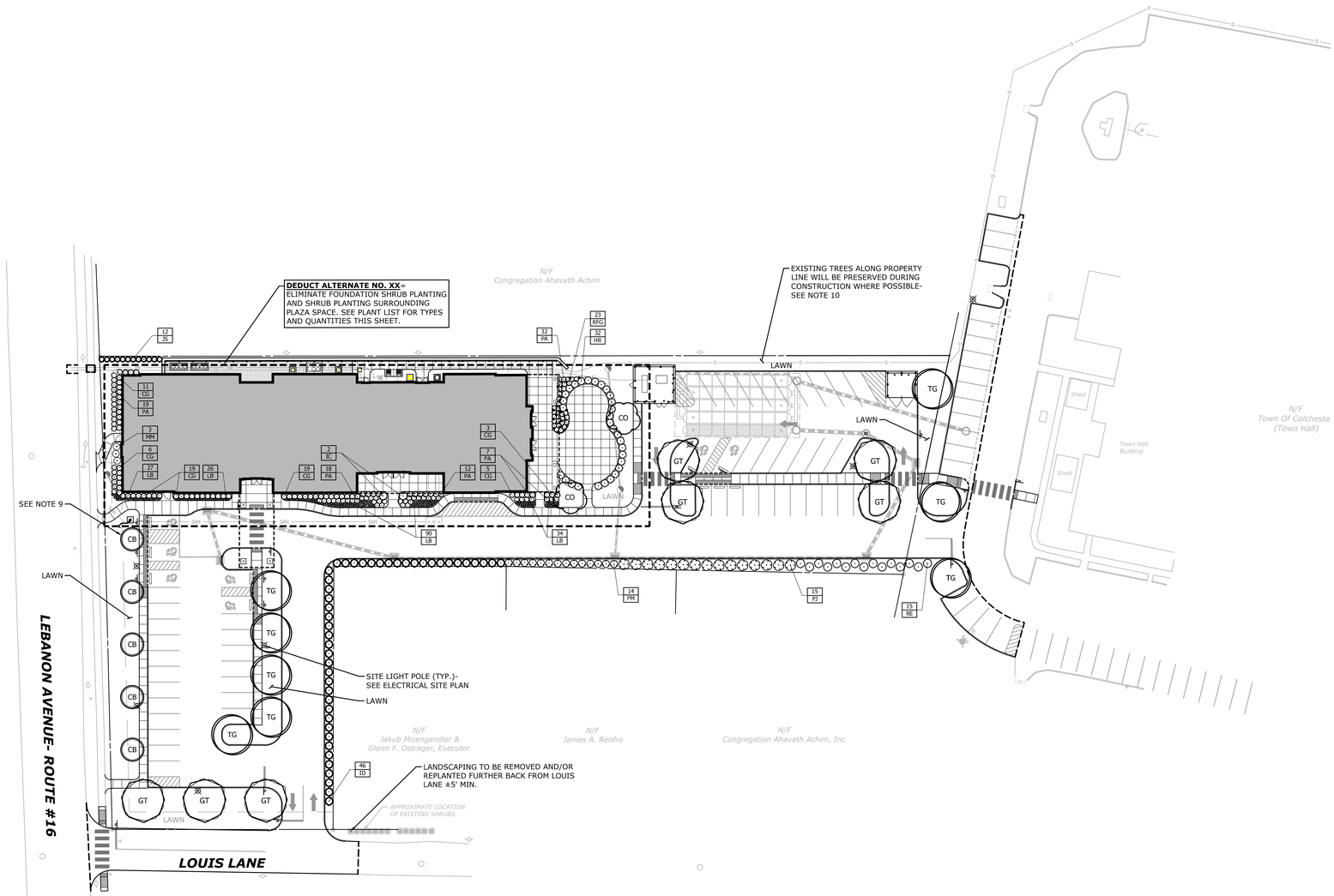
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
SITE PLAN - LAYOUT AND MATERIALS

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: JJM
Project Number: 20.003

Drawing Number: C002



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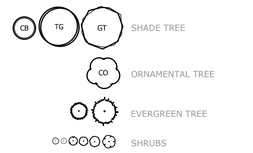

PLANTING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT PITS.
2. SEED ALL DISTURBED AREAS TO LAWN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE A 6" MINIMUM DEPTH OF SCREENED TOPSOIL, AS SPECIFIED, FOR ALL LAWN AREAS. AS NOTED ON THE DETAILS, SUBGRADE BENEATH PROPOSED LAWN AREAS SHALL BE LOOSENED OR SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES.
3. ALL PLANTING BEDS SHALL HAVE 12" MINIMUM DEPTH OF TOPSOIL.
4. THE CONTRACTOR SHALL PROVIDE A 4" MIN. DEPTH OF SHREDDED BARK MULCH OVER ALL PLANTING BEDS AND TREE PLANTINGS. MULCHED PLANT BEDS SHALL EXTEND 12" FURTHER THAN THE ADJACENT PLANTINGS. NO DYED MULCH.
5. ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO AND AFTER PLANTING.
6. PLANT SPECIES MAY BE ADJUSTED BASED ON AVAILABILITY AT TIME OF PLANTING. ALL PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT.
7. ALL PLANT MATERIALS SHALL CARRY A FULL GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE, TO INCLUDE PROMPT TREATMENT OR REMOVAL AND REPLACEMENT OF ANY PLANTS FOUND TO BE IN AN UNHEALTHY CONDITION BY THE LANDSCAPE ARCHITECT. ALL REPLACEMENTS SHALL BE OF THE SAME KIND AND SIZE OF PLANTS SPECIFIED IN THE PLANT LIST.
8. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT AT THE END OF THE WARRANTY PERIOD. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, TIGHTENING & REPLACING OF GUYS, REPLACEMENT OF SICK OR DEAD PLANTS, RESETTING PLANTS TO PROPER GRADE OR UPRIGHT (PLUMB) POSITION, RESTORATION OF SAUCERS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
9. HORNBEAM TREES SHOULD NOT BE PRUNED IN ORDER TO ACHIEVE A MINIMUM BRANCH HEIGHT AT 5'. STREET TREE VARIETY IS EXPECTED.
10. CONTRACTOR SHALL STAKE THE LIMITS OF CLEARING AND CONTACT THE LANDSCAPE ARCHITECT TO REVIEW BEFORE COMMENCING CLEARING OPERATIONS. SIGNIFICANT TREES TO BE SAVED WILL BE FLAGGED BY LANDSCAPE ARCHITECT.

PLANT SCHEDULE: OVERALL SITE PLANTING

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
CB	5	Carpinus betulus `Fastigiata`	Pyramidal European Hornbeam	3"-3.5" Cal.	B & B	5` MIN. BRANCHING HEIGHT
CO	2	Cornus florida `Cherokee Brave`	Cherokee Brave Dogwood	2.5"-3" CAL.	B & B	FULL & DENSE
GT	7	Gleditsia triacanthos `Skyline`	Skyline Honey Locust	3.0" Cal.	B & B	6` MIN. BRANCHING HT.
ID	46	Ilex x aquipernyi 'Dragon Lady' TM	Dragon Lady Holly	4`/5` HT.	B&B	FULL & DENSE
JS	12	Juniperus scopulorum `Skyrocket`	Skyrocket Juniper	5`/6` HT.	B&B	FULL & DENSE
TG	8	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	3`-3.5` Cal.	B & B	

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
PJ	15	Pieris japonica 'Katsura'	Katsura Japanese Pieris	---	#10	FULL & DENSE
PM	14	Pieris japonica 'Mountain Fire'	Mountain Fire Japanese Pieris	---	#10	FULL & DENSE
RE	15	Rhododendron x 'English Roseum'	English Roseum Rhododendron	---	#10	FULL & DENSE

PLANT SCHEDULE: DEDUCT ALTERNATE NO. XX

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
CG	73	Cryptomeria japonica `Globosa Nana`	Dwarf Japanese Cedar	---	#5	FULL & DENSE
HR	30	Hydrangea quercifolia `Ruby Slippers`	Ruby Slippers Hydrangea	#10		
IC	2	Ilex crenata `Chesapeake`	Chesapeake Japanese Holly	---	#5	FULL & DENSE
MM	3	Miscanthus sinensis 'Morning Light'	Morning Light Eulalia Grass	---	#3	FULL & DENSE
PA	88	Pennisetum alopecuroides `Hameln`	Hameln Dwarf Fountain Grass	---	#5	FULL & DENSE
RFG	23	Rudbeckia fulgida `Goldstrum`	Coneflower	---	#1	FULL & DENSE

GROUNDCOVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	COMMENTS
LB	177	Liriope muscari 'Big Blue'	Big Blue Lilyturf	#1		

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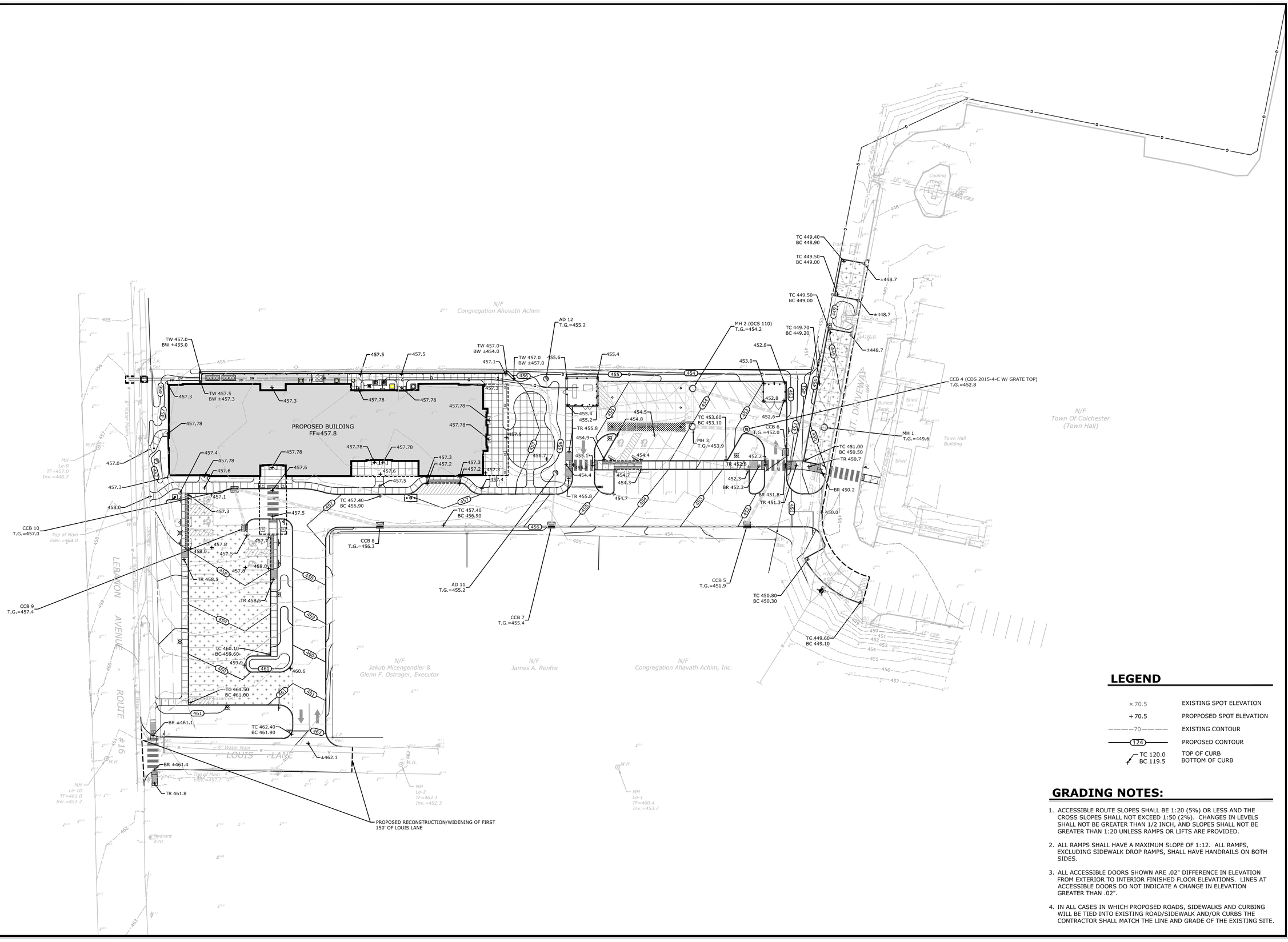
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
SITE PLAN - LANDSCAPING

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: JJM
Project Number: 20.003

Drawing Number: C003



LEGEND

× 70.5	EXISTING SPOT ELEVATION
+ 70.5	PROPPOSED SPOT ELEVATION
——70——	EXISTING CONTOUR
124	PROPOSED CONTOUR
TC 120.0 BC 119.5	TOP OF CURB BOTTOM OF CURB

GRADING NOTES:

1. ACCESSIBLE ROUTE SLOPES SHALL BE 1:20 (5%) OR LESS AND THE CROSS SLOPES SHALL NOT EXCEED 1:50 (2%). CHANGES IN LEVELS SHALL NOT BE GREATER THAN 1/2 INCH, AND SLOPES SHALL NOT BE GREATER THAN 1:20 UNLESS RAMPS OR LIFTS ARE PROVIDED.
2. ALL RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12. ALL RAMPS, EXCLUDING SIDEWALK DROP RAMPS, SHALL HAVE HANDRAILS ON BOTH SIDES.
3. ALL ACCESSIBLE DOORS SHOWN ARE .02" DIFFERENCE IN ELEVATION FROM EXTERIOR TO INTERIOR FINISHED FLOOR ELEVATIONS. LINES AT ACCESSIBLE DOORS DO NOT INDICATE A CHANGE IN ELEVATION GREATER THAN .02".
4. IN ALL CASES IN WHICH PROPOSED ROADS, SIDEWALKS AND CURBING WILL BE TIED INTO EXISTING ROAD/SIDEWALK AND/OR CURBS THE CONTRACTOR SHALL MATCH THE LINE AND GRADE OF THE EXISTING SITE.

0' 15' 30'
0 1/2" 1"

SLR
99 REALTY DRIVE
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203.271.1773
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DESCRIPTION	DATE	BY
REGULATORY SUBMISSION	4/7/22	JJM
TOWN COMMENTS	5/16/22	MLA
WATER COMMENTS	5/27/22	MLA

SITE PLAN - GRADING AND UTILITIES

COLCHESTER SENIOR CENTER
PROPOSED IMPROVEMENTS

LEBANON AVENUE AND LOUIS LANE
COLCHESTER, CONNECTICUT

DESIGNED	DRAWN	CHECKED
DWD	JJM	DWD

SCALE: 1"=30'

DATE: APRIL 7, 2022

PROJECT NO.: 13373.00108

SHEET NO.: GU

SHEET NAME

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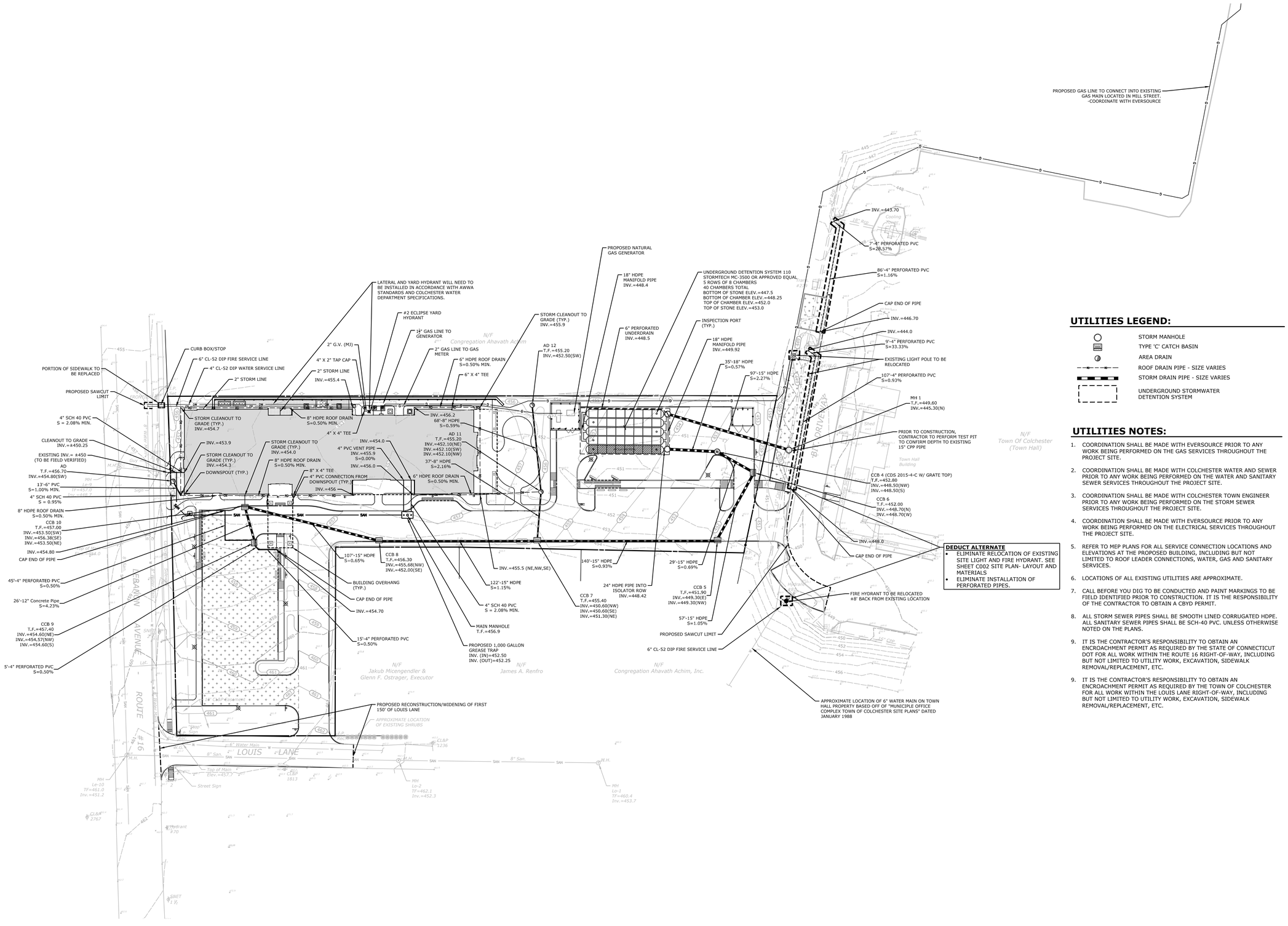

DEDUCT ALTERNATE

- ELIMINATE RELOCATION OF EXISTING SITE LIGHT AND FIRE HYDRANT. SEE SHEET C002 SITE PLAN- LAYOUT AND MATERIALS
- ELIMINATE INSTALLATION OF PERFORATED PIPES.

UTILITIES LEGEND:

- STORM MANHOLE
- TYPE 'C' CATCH BASIN
- AREA DRAIN
- ROOF DRAIN PIPE - SIZE VARIES
- STORM DRAIN PIPE - SIZE VARIES
- UNDERGROUND STORMWATER DETENTION SYSTEM

UTILITIES NOTES:

1. COORDINATION SHALL BE MADE WITH EVERSOURCE PRIOR TO ANY WORK BEING PERFORMED ON THE GAS SERVICES THROUGHOUT THE PROJECT SITE.
2. COORDINATION SHALL BE MADE WITH COLCHESTER WATER AND SEWER PRIOR TO ANY WORK BEING PERFORMED ON THE WATER AND SANITARY SEWER SERVICES THROUGHOUT THE PROJECT SITE.
3. COORDINATION SHALL BE MADE WITH COLCHESTER TOWN ENGINEER PRIOR TO ANY WORK BEING PERFORMED ON THE STORM SEWER SERVICES THROUGHOUT THE PROJECT SITE.
4. COORDINATION SHALL BE MADE WITH EVERSOURCE PRIOR TO ANY WORK BEING PERFORMED ON THE ELECTRICAL SERVICES THROUGHOUT THE PROJECT SITE.
5. REFER TO MEP PLANS FOR ALL SERVICE CONNECTION LOCATIONS AND ELEVATIONS AT THE PROPOSED BUILDING, INCLUDING BUT NOT LIMITED TO ROOF LEADER CONNECTIONS, WATER, GAS AND SANITARY SERVICES.
6. LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE.
7. CALL BEFORE YOU DIG TO BE CONDUCTED AND PAINT MARKINGS TO BE FIELD IDENTIFIED PRIOR TO CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A CBYD PERMIT.
8. ALL STORM SEWER PIPES SHALL BE SMOOTH LINED CORRUGATED HDPE. ALL SANITARY SEWER PIPES SHALL BE SCH-40 PVC. UNLESS OTHERWISE NOTED ON THE PLANS.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AN ENCROACHMENT PERMIT AS REQUIRED BY THE STATE OF CONNECTICUT DOT FOR ALL WORK WITHIN THE ROUTE 16 RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO UTILITY WORK, EXCAVATION, SIDEWALK REMOVAL/REPLACEMENT, ETC.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AN ENCROACHMENT PERMIT AS REQUIRED BY THE TOWN OF COLCHESTER FOR ALL WORK WITHIN THE LOUIS LANE RIGHT-OF-WAY, INCLUDING BUT NOT LIMITED TO UTILITY WORK, EXCAVATION, SIDEWALK REMOVAL/REPLACEMENT, ETC.

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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

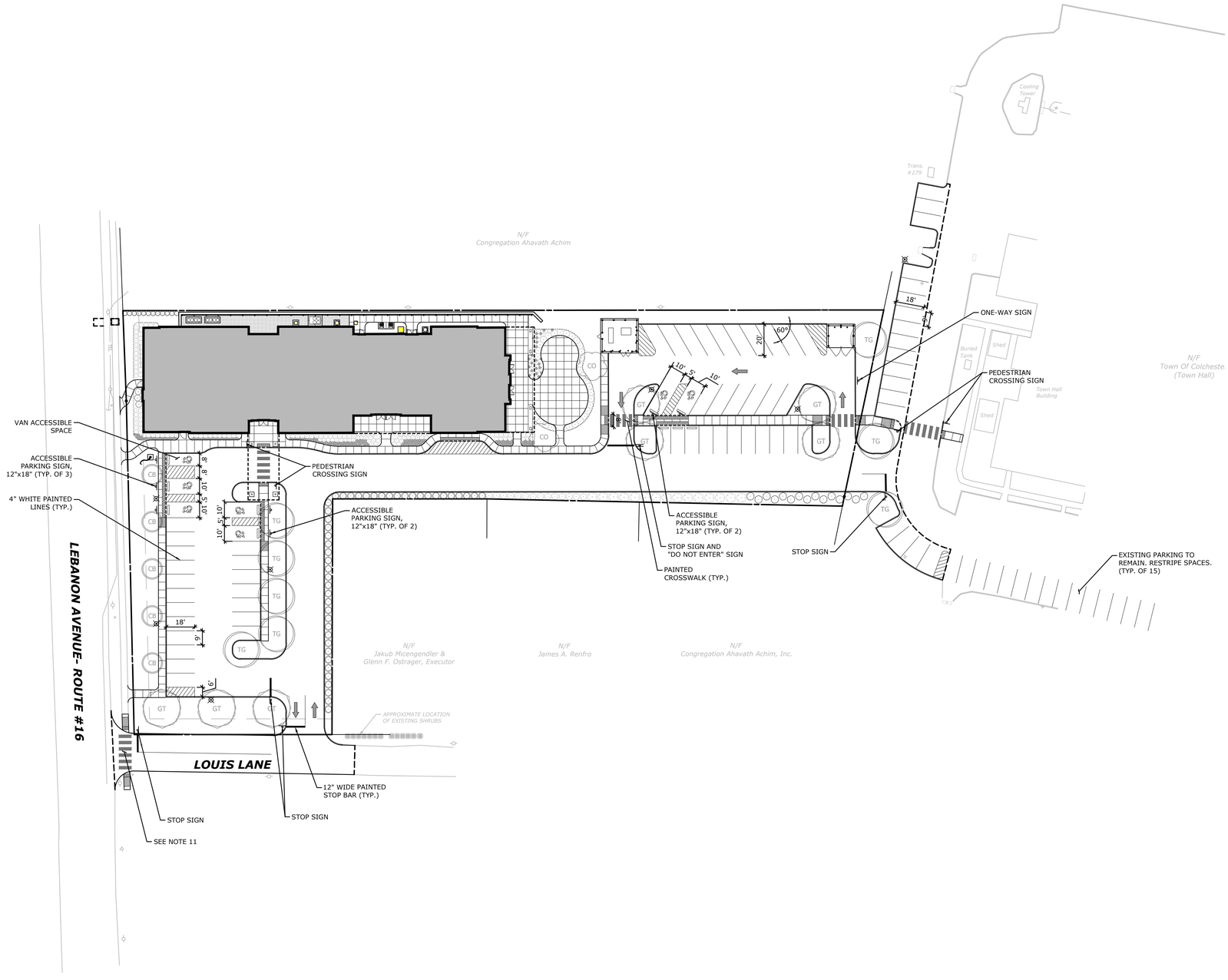
Drawing Title:
SITE PLAN - UTILITIES

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: ---
Project Number: 20.003

Drawing Number: C005

SIGNAGE AND PAVEMENT MARKING NOTES

1. ALL SIGNAGE AND PAVEMENT MARKINGS SHALL BE INSTALLED PER CONNDOT FORM 817.
2. ALL SIGNAGE SHALL MEET ZONING REGULATION REQUIREMENTS AND SHALL OBTAIN APPROPRIATE PERMITS.
3. CONTRACTOR IS REQUIRED TO PAINT ALL PAVEMENT MARKINGS SHOWN ON PLANS INCLUDING PARKING SPACE LINES, FIRELANES, CROSSWALKS, HANDICAPPED SYMBOLS, STOP BARS, AND ALL MARKINGS REQUIRED BY LOCAL TOWN OF COLCHESTER REGULATIONS.
4. DIRECTIONAL ARROWS ARE DEPICTED FOR CLARIFICATION, BUT ARE NOT INTENDED TO BE PAINTED, UNLESS OTHERWISE SPECIFIED.
5. ALL PARKING SPACE LINES TO BE STRIPED WITH 4" WIDE, WHITE, NON-REFLECTIVE PAINT.
6. PROVIDE 12" WIDE WHITE PAINTED STOP BAR AT ALL STOP SIGN LOCATIONS.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL CUSTOM AND WAYFINDING SIGNS.
8. ALL SIGN POSTS SHALL USE THE 2" x 2" SQUARE STEEL POST (SEE TRAFFIC SIGN POST DETAIL) WITH THE EXCEPTION OF ANY SIGNS PLACED WITHIN THE TOWN RIGHT OF WAY. THESE SIGNS WILL USE BREAKAWAY SIGN POSTS WITH V-LOC POST ANCHORING SYSTEM.
9. REMOVE ANY CONFLICTING EXISTING ON-STREET SIGNAGE.
10. CONTRACTOR TO COORDINATE WITH POLICE DEPARTMENT AND TRAFFIC ENGINEER FOR FINAL SIGN PLACEMENT.
11. AN ENCROACHMENT PERMIT WILL BE REQUIRED BY THE CONTRACTOR FOR ANY WORK WITHIN THE STATE OF CT RIGHT OF WAY (ROW). FOR MORE INFORMATION CONTACT DANIEL McBRIDE
PERMITS
PHONE: (860) 823-3114
CTDOT DISTRICT 2 OFFICE



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Revision:	Description:	Date:	Revised By:
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Drawing Title:
SITE PLAN - SIGNAGE AND PAVEMENT MARKINGS

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: JJM
Project Number: 20.003

Drawing Number:
C006

SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002, TOWN OF COLCHESTER REQUIREMENTS, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.

1.PURPOSE AND DESCRIPTION OF PROJECT
A.) THE CONSTRUCTION OF A SENIOR CENTER
B.) DISTURBED AREA: ±1.75 AC.

2.IDENTIFICATION OF EROSION AND SEDIMENT CONTROL CONCERNS
A.) CUTS AND FILLS ASSOCIATED WITH CONSTRUCTION.
B.) PROTECTION OF OFFSITE DRAINAGE SYSTEMS
C.) PROTECTION OF WETLANDS AND STREAMS

3.IDENTIFICATION OF OTHER POSSIBLE PERMITS
THE PERMITS REQUIRED FOR THE PROJECT ARE LOCAL INLAND WETLANDS, PLANNING AND ZONING PERMITS.

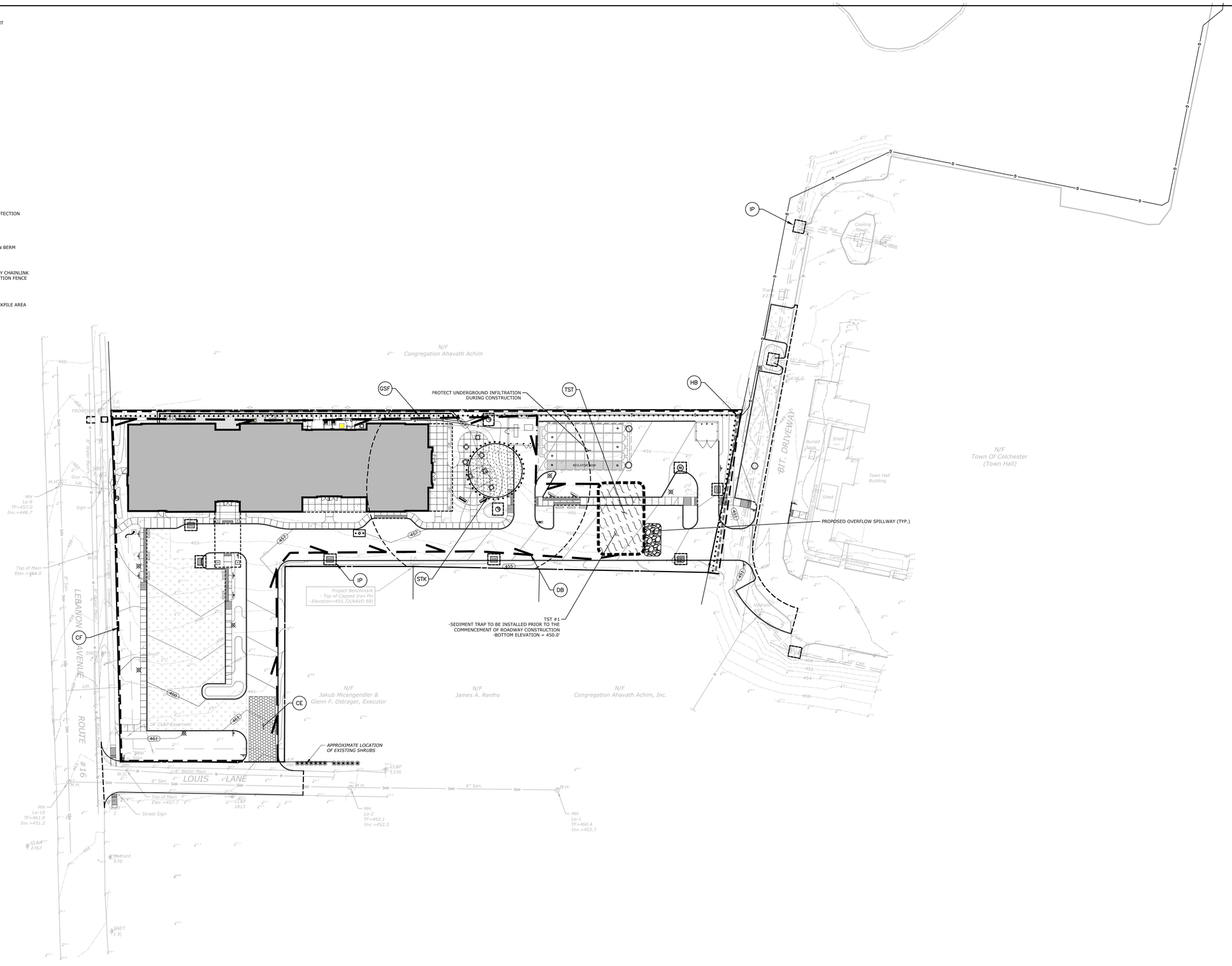
TEMPORARY SEDIMENT TRAP SIZING SUMMARY

TRAP NO.	ACRES	VOLUME STORAGE REQUIRED	DEPTH STORAGE REQUIRED	LENGTH X WIDTH	VOLUME PROVIDED
#1	1.54	207 CY	3.0 FT.	55 FT. X 35 FT.	213 CY

*134 CY STORAGE VOLUME REQUIRED PER ACRE CONTRIBUTING AREA TO TST

EROSION CONTROL LEGEND

- TST — TEMPORARY SEDIMENT TRAP
- CE — CONSTRUCTION ENTRANCE (50 L.F. MIN.)
- HB — STACKED HAYBALES
- GSF — SEDIMENT FILTER FENCE
- IP — INLET PROTECTION
- DB — DIVERSION BERM
- CF — TEMPORARY CHAINLINK CONSTRUCTION FENCE
- STK — SOIL STOCKPILE AREA



Project Title:	Colchester Senior Center Town of Colchester 15 Louis Lane Colchester, CT 06415
Architect:	SILVER / PETRUCELLI + ASSOCIATES Architects / Engineers / Interior Designers 3190 Whitney Avenue, Hamden, CT 06518-2340 Tel. 203 230 9007 Fax. 203 230 8247 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title: SITE PLAN - SEDIMENT AND EROSION CONTROL

Date: JULY 23, 2022
Scale: 1" = 30'
Drawn By: ---
Project Number: 20.003

Drawing Number: C007

SEDIMENT & EROSION CONTROL SPECIFICATIONS

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION, AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.
IN GENERAL, ALL CONSTRUCTION ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATER BODY, AND CONDUIT CARRYING WATER, ETC. THE CONTRACTOR SHALL LIMIT, INSOFAR AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES, AND WATER BODIES, AND TO PREVENT, INSOFAR AS POSSIBLE, EROSION ON THE SITE.

LAND GRADING

1. THE RESHAPING OF THE GROUND SURFACE BY EXCAVATION AND FILLING OR A COMBINATION OF BOTH, TO OBTAIN PLANNED GRADES, SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

   a. THE PERMANENT CUT FACE OF EARTH EXCAVATION SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).

   b. THE PERMANENT EXPOSED FACES OF EARTHEN FILLS SHALL NOT BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2:1).

   c. THE CUT FACE OF ROCK EXCAVATION SHALL NOT BE STEEPER THAN ONE HORIZONTAL TO FOUR VERTICAL (1:4).

   d. PROVISION SHOULD BE MADE TO CONDUCT SURFACE WATER SAFELY TO STORM DRAINS TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.

   e. EXCAVATIONS SHOULD NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.

   f. NO FILL SHOULD BE PLACED WHERE IT WILL SLIDE OR WASH UPON THE PREMISES OF ANOTHER OWNER OR UPON ADJACENT WETLANDS, WATERCOURSES, OR WATER BODIES BODIES.

   g. PRIOR TO ANY REGRADING, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT THE ENTRANCE TO THE WORK AREA IN ORDER TO REDUCE MUD AND OTHER SEDIMENTS FROM LEAVING THE SITE.

TOPSOILING

GENERAL:

1. TOPSOIL SHALL BE SPREAD OVER ALL EXPOSED AREAS IN ORDER TO PROVIDE A SOIL MEDIUM HAVING FAVORABLE CHARACTERISTICS FOR THE ESTABLISHMENT, GROWTH, AND MAINTENANCE OF VEGETATION.
2. UPON ATTAINING FINAL UPGRADES, SCARIFY SURFACE TO PROVIDE A GOOD BOND WITH TOPSOIL.
3. REMOVE ALL LARGE STONES, TREE LIMBS, ROOTS AND CONSTRUCTION
4. APPLY LIME ACCORDING TO SOIL TEST OR AT THE RATE OF TWO (2) TONS PER ACRE.

MATERIAL:

1. TOPSOIL SHOULD HAVE PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS FAVORABLE TO THE GROWTH OF PLANTS.
2. TOPSOIL SHOULD HAVE A SANDY OR LOAMY TEXTURE.
3. TOPSOIL SHOULD BE RELATIVELY FREE OF SUBSOIL MATERIAL AND MUST BE FREE OF STONES (OVER 1" IN DIAMETER), LUMPS OF SOIL, ROOTS, TREE LIMBS, TRASH, OR CONSTRUCTION DEBRIS. IT SHOULD BE FREE OF ROOTS OR RHIZOMES SUCH AS THISTLE, KNOTGRASS, AND QUAKERS.
4. AN ORGANIC MATTER CONTENT OF SIX PERCENT (6%) IS REQUIRED. AVOID LIGHT COLORED SUBSOIL MATERIAL.
5. SOLUBLE SALT CONTENT OF OVER 500 PARTS PER MILLION (PM) IS LESS SUITABLE. AVOID TIDAL MARSH SOILS BECAUSE OF HIGH SALT CONTENT AND SULFUR ACIDITY.
6. THE pH SHOULD BE MORE THAN 6.0. IF LESS, ADD LIME TO INCREASE pH TO AN ACCEPTABLE LEVEL.

APPLICATION:

1. AVOID SPREADING WHEN TOPSOIL IS WET OR FROZEN.
2. SPREAD TOPSOIL UNIFORMLY TO A DEPTH OF AT LEAST SIX INCHES (6") OR TO THE DEPTH SHOWN ON THE LANDSCAPING PLANS.

TEMPORARY VEGETATIVE COVER

GENERAL:

1. TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL UNPROTECTED AREAS THAT PRODUCE SEDIMENT, AREAS WHERE FINAL GRADING HAS BEEN COMPLETED, AND AREAS WHERE THE ESTIMATED PERIOD OF BARE SOIL EXPOSURE IS MORE THAN 30 DAYS. AREAS TO BE LEFT EXPOSED FOR MORE THAN 30 DAYS SHALL BE SEEDED WITHIN 7 DAYS OF SUSPENSION OF CONSTRUCTION ACTIVITIES. TEMPORARY VEGETATIVE COVER SHALL BE APPLIED IF AREAS WILL NOT BE PERMANENTLY SEEDED BY SEPTEMBER 1.

SITE PREPARATION:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. APPLY LIME ACCORDING TO SOIL TEST OR AT A RATE OF ONE (1) TON OF GROUND DOLOMITIC LIMESTONE PER ACRE (5 LBS. PER 100 SQ. FT.).
4. APPLY FERTILIZER ACCORDING TO SOIL TEST OR AT THE RATE OF 300 LBS. OF 10-10-10 PER ACRE (7 LBS. PER 1,000 SQ. FT.) AND SECOND APPLICATION OF 200 LBS. OF 10-10-10- (5 LBS. PER 1,000 SQ. FT.) WHEN GRASS IS FOUR INCHES (4") TO SIX INCHES (6") HIGH. APPLY ONLY WHEN GRASS IS DRY.
5. UNLESS HYDROSEEDED, WORK IN LIME AND FERTILIZER TO A DEPTH OF FOUR (4") INCHES USING A DISK OR ANY SUITABLE EQUIPMENT.
6. TILLAGE SHOULD ACHIEVE A REASONABLY UNIFORM LOOSE SEEDBED. WORK ON CONTOUR IF SITE IS SLOPING.

ESTABLISHMENT:

1. SELECT APPROPRIATE SPECIES FOR THE SITUATION. NOTE RATES AND SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
2. APPLY SEED UNIFORMLY ACCORDING TO THE RATE INDICATED BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
3. UNLESS HYDROSEEDED, COVER RYEGRASS SEEDS WITH NOT MORE THAN 1/4 INCH OF SOIL USING SUITABLE EQUIPMENT.
4. MULCH IMMEDIATELY AFTER SEEDING IF REQUIRED. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW.) APPLY STRAW OR HAY MULCH AND ANCHOR TO SLOPES GREATER THAN 3% OR WHERE CONCENTRATED FLOW WILL OCCUR.

PERMANENT VEGETATIVE COVER

GENERAL:

1. PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED AS VARIOUS SECTIONS OF THE PROJECT ARE COMPLETED IN ORDER TO STABILIZE THE SOIL, REDUCE DOWNSTREAM DAMAGE FROM SEDIMENT AND RUNOFF, AND TO ENHANCE THE AESTHETIC NATURE OF THE SITE. IT WILL BE APPLIED TO ALL CONSTRUCTION AREAS SUBJECT TO EROSION WHERE FINAL GRADING HAS BEEN COMPLETED AND A PERMANENT COVER IS NEEDED SHALL BE SEEDED WITHIN 7 DAYS OF ESTABLISHMENT OF FINAL GRADES.

SITE PREPARATION:

1. INSTALL REQUIRED SURFACE WATER CONTROL MEASURES.
2. REMOVE LOOSE ROCK, STONE, AND CONSTRUCTION DEBRIS FROM AREA.
3. PERFORM ALL PLANTING OPERATIONS PARALLEL TO THE CONTOURS OF THE SLOPE.
4. APPLY TOPSOIL AS INDICATED ELSEWHERE HEREIN.
5. APPLY FERTILIZER ACCORDING TO SOIL TEST OR:

   * SPREAD SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 300 LBS. OF 10-10-10 FERTILIZER PER ACRE (7 LBS. PER 1,000 SQ. FT.); THEN SIX (6) TO EIGHT (8) WEEKS LATER, APPLY ON THE SURFACE AN ADDITIONAL 300 LBS. OF 10-10-10 FERTILIZER PER ACRE. AFTER SEPTEMBER 1, TEMPORARY VEGETATIVE COVER SHALL BE APPLIED.

   * FALL SEEDING: WORK DEEPLY IN SOIL, BEFORE SEEDING, 600 LBS. OF 10-10-10 FERTILIZER PER ACRE (14 LBS. PER 1,000 SQ. FT.).

VEGETATIVE COVER SELECTION & MULCHING

TEMPORARY VEGETATIVE COVER:

PERENNIAL RYEGRASS 3 LBS./1,000 SQ.FT.
(LOLIUM PERENNE)

* PERMANENT VEGETATIVE COVER:

BARON KENTUCKY BLUEGRASS	60%
JAMESTOWN II CHEWINGS FESCUE	20%
PALMER PERENNIAL RYEGRASS	20%

* LOFTS - "TRIPLEX GENERAL" MIX OR APPROVED EQUAL.
RECOMMENDED TIME SEEDING. 5 LB./1000 S.F. SEEDING RATE.

SPRING SEEDING: 4/1 to 5/31

FALL SEEDING: 8/16 to 10/15

TEMPORARY MULCHING:

STRAY OR HAY 70-90 LBS./1,000 SQ.FT.
(TEMPORARY VEGETATIVE AREAS)

WOOD FIBER IN HYDROMULCH SLURRY 25-50 LBS./1,000 SQ. FT.

ESTABLISHMENT:

1. SMOOTH AND FIRM SEEDBED WITH CULTIPACKER OR OTHER SIMILAR EQUIPMENT PRIOR TO SEEDING (EXCEPT WHEN HYDROSEEDING).
2. SELECT ADAPTED SEED MIXTURE FOR THE SPECIFIC SITUATION. NOTE RATES AND THE SEEDING DATES (SEE VEGETATIVE COVER SELECTION & MULCHING SPEC. BELOW).
3. APPLY SEED UNIFORMLY ACCORDING TO RATE INDICATED, BY BROADCASTING, DRILLING, OR HYDRAULIC APPLICATION.
4. COVER GRASS AND LEGUME SEED WITH NOT MORE THAN 1/4 INCH OF SOIL WITH SUITABLE EQUIPMENT (EXCEPT WHEN HYDROSEEDING).
5. MULCH IMMEDIATELY AFTER SEEDING, IF REQUIRED, ACCORDING TO TEMPORARY MULCHING SPECIFICATIONS. (SEE VEGETATIVE COVER SELECTION & MULCHING SPECIFICATION BELOW).
6. USE PROPER INOCULANT ON ALL LEGUME SEEDINGS, USE FOUR (4) TIMES NORMAL RATES WHEN HYDROSEEDING.
7. USE SOD WHERE THERE IS A HEAVY CONCENTRATION OF WATER AND IN CRITICAL AREAS WHERE IT IS IMPORTANT TO GET A QUICK VEGETATIVE COVER TO PREVENT EROSION.

MAINTENANCE:

1. TEST FOR SOIL ACIDITY LIME AS REQUIRED.
2. ON SITES WHERE GRASSES PREDOMINATE, BROADCAST ANNUALLY 500 POUNDS OF 10-10-10 FERTILIZER PER ACRE (12 LBS. PER 1,000 SQ. FT.) OR AS NEEDED ACCORDING TO ANNUAL SOIL TESTS.
3. ON SITES WHERE LEGUMES PREDOMINATE, BROADCAST AS INDICATED BY SOIL TEST 300 POUNDS OF 0-20-20 OR EQUIVALENT PER ACRE (8 LBS PER 1,000 SQ. FT.).

EROSION CHECKS

GENERAL:

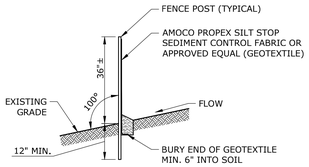
1. TEMPORARY PERVIOUS BARRIERS USING BALES OF HAY OR STRAW, HELD IN PLACE WITH STAKES DRIVEN THROUGH THE BALES AND INTO THE GROUND OR GEOTEXTILE FABRIC FASTENED TO A FENCE POST AND BURIED INTO THE GROUND, SHALL BE INSTALLED AND MAINTAINED AS REQUIRED TO CHECK EROSION AND REDUCE SEDIMENTATION.

CONSTRUCTION:

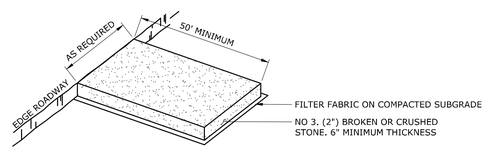
1. BALES SHOULD BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED INTO THE SOIL A MINIMUM OF FOUR (4") INCHES.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY WOOD STAKES OR REINFORCEMENT BARS DRIVEN THROUGH THE BALES AND INTO THE GROUND. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. GEOTEXTILE FABRIC SHALL BE SECURELY ANCHORED AT THE TOP OF A THREE FOOT (3') HIGH FENCE AND BURIED A MINIMUM OF FOUR INCHES (4") TO THE SOIL. SEAMS BETWEEN SECTIONS OF FILTER FABRIC SHALL OVERLAP A MINIMUM OF TWO FEET (2').

INSTALLATION AND MAINTENANCE:

1. BALED HAY EROSION BARRIERS SHALL BE INSTALLED AT ALL STORM SEWER INLETS.
2. BALED HAY EROSION BARRIERS AND GEOTEXTILE FENCE SHALL BE INSTALLED AT THE LOCATION INDICATED ON THE PLAN AND IN ADDTIONAL AREAS AS MAY BE DEEMED APPROPRIATE DURING CONSTRUCTION.
3. ALL EROSION CHECKS SHALL BE MAINTAINED UNTIL ADJACENT AREAS ARE STABILIZED.
4. INSPECTION SHALL BE FREQUENT (AT MINIMUM MONTHLY AND BEFORE AND AFTER HEAVY RAIN) AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. EROSION CHECKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM WATER FLOW OR DRAINAGE.

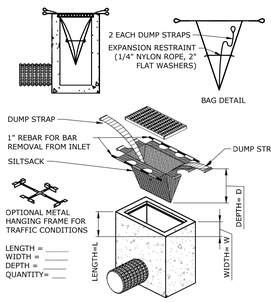


SEDIMENT FILTER FENCE
NOT TO SCALE



NOTES:
1. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF MUD.

CONSTRUCTION ENTRANCE PAD
NOT TO SCALE



SILTSACK
SPECIFICATIONS

NOTES:
1. THE SILTSACK WILL BE MANUFACTURED FROM A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS.

REGULAR FLOW SILTSACK
(FOR AREAS OF LOW TO MODERATE PRECIPITATION AND RUN-OFF)

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20%
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80%
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC-1

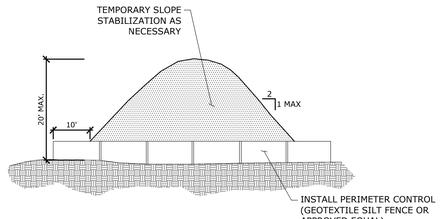
HI-FLOW SILTSACK
(FOR AREAS OF MODERATE TO HEAVY PRECIPITATION AND RUN-OFF)

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20%
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90%
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC-1

OIL- ABSORBANT SILTSACK
(FOR AREAS WHERE THERE IS A CONCERN FOR OIL RUN-OFF OR SPILLS)

DEPENDING ON YOUR PARTICULAR APPLICATION, THE SILTSACK CAN BE MADE FROM EITHER ONE OF THE ABOVE FABRICS WITH AND OIL-ABSORBANT PILLOW INSERT OR, MADE COMPLETELY FROM AN OIL-ABSORBANT SILTSACK, WITH A WOVEN PILLOW INSERT.

INLET SEDIMENT CONTROL DEVICE
NOT TO SCALE

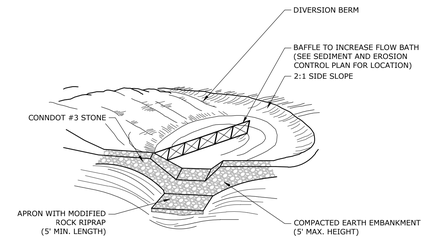


NOTES:
1. INSTALL A GEOTEXTILE SILT FENCE AND/OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE PROPOSED TOE OF SLOPE.

2. SIDE SLOPES SHALL NOT EXCEED A SLOPE OF 2:1. STOCKPILES THAT REMAIN INACTIVE FOR MORE THAN 30 DAYS SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION

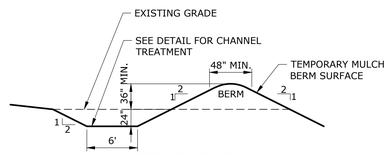
3. DISTANCE FROM WETLANDS, WATERCOURSES, DRAINAGE WAYS AND STEEP SLOPES SHALL BE MAXIMIZED. RUNOFF SHALL BE DIVERTED AWAY FROM STOCKPILE AREA

TEMPORARY SOIL STOCKPILE
NOT TO SCALE



NOTES:
1. REFER TO SEDIMENT & EROSION CONTROL PLAN FOR APPROXIMATE DIMENSIONS AND REQUIRED VOLUME.

TEMPORARY SEDIMENT TRAP
NOT TO SCALE



TEMPORARY DIVERSION BERM AND SWALE
NOT TO SCALE

EROSION CONTROL MAINTENANCE INTERVALS

EROSION CONTROL MEASURE	CONTROL OBJECTIVE	INSPECTION/MAINTENANCE	FAILURE INDICATORS	REMOVAL
TEMPORARY SEDIMENT TRAP (TST)	- DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW A MAJORITY OF THE SEDIMENT TO SETTLE OUT.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. STONE OUTLET SHOULD BE AT LEAST 1 FOOT BELOW CREST OF EMBANKMENT. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACHES ½ OF THE REQUIRED WET STORAGE.	- TURBID WATER - EXCESSIVE SEDIMENT ACCUMULATION - OVERTOPPING EVIDENCE	TST MAY BE REMOVED ONCE THE CONTRIBUTING DRAINAGE AREA IS PERMANENTLY STABILIZED.
SILT FENCE (SF) (RELATED: IP, STK)	- INTERCEPT, AND REDIRECT/DETAIN SMALL AMOUNTS OF SEDIMENT FROM SMALL DISTURBED AREAS. - DECREASE VELOCITY OF SHEET FLOW. - PROTECT SENSITIVE SLOPES OR SOILS FROM EXCESSIVE WATER FLOW.	INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. ACCUMULATED SEDIMENT MUST BE REMOVED ONCE ITS DEPTH IS EQUAL TO ½ THE TRENCH HEIGHT. INSPECT FREQUENTLY DURING PUMPING OPERATIONS IF USED FOR DEWATERING OPERATIONS.	- PHYSICAL DAMAGE OR DECOMPOSITION - EVIDENCE OF OVERTOPPED OR UNDERCUT FENCE - EVIDENCE OF SIGNIFICANT FLOWS EVADING CAPTURE - REPETITIVE FAILURE	SILT FENCE MAY BE REMOVED AFTER UPHILL AND SENSITIVE AREAS HAVE BEEN PERMANENTLY STABILIZED.
TEMPORARY DIVERSION BERM/SWALE (TBS) OR TEMPORARY SWALE (TBS)	- MINIMIZE VELOCITY AND CONCENTRATION OF SHEET FLOW ACROSS CONSTRUCTION SITE TO A SEDIMENT TRAPPING FACILITY. - DIVERT WATER ORIGINATING FROM UNDISTURBED AREA AWAY FROM CONSTRUCTION.	WHEN LOCATED WITHIN CLOSE PROXIMITY TO ONGOING CONSTRUCTION ACTIVITIES, INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. OTHERWISE INSPECT AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL OF 0.5 INCHES OR MORE. REPAIR THE TEMPORARY MEASURE AND ANY OTHER ASSOCIATED MEASURES WITHIN 24 HOURS.	- PHYSICAL DAMAGE - EXCESSIVE SCOURING/EROSION - REPETITIVE FAILURE	TEMPORARY DIVERSIONS MAY BE REMOVED ONCE CONSTRUCTION HAS CEASED AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
CONSTRUCTION ENTRANCE (CE)	- REDUCE THE TRACKING OF SEDIMENT OFF-SITE ONTO PAVED SURFACES.	INSPECT AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC ADDITION OF STONE, OR LENGTHENING OF ENTRANCE MAY BE REQUIRED AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES AS A RESULT OF INEFFICIENCY OF CONSTRUCTION ENTRANCE SHALL BE IMMEDIATELY REMOVED.	- SEDIMENT IN ROADWAY ADJACENT TO SITE	CONSTRUCTION ENTRANCE MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL OTHER SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
CATCH BASIN INLET PROTECTION (IP)	- PROHIBIT SILT IN CONSTRUCTION-RELATED RUNOFF FROM ENTERING STORM DRAINAGE SYSTEM.	INSPECT AFTER ANY RAIN EVENT. IF FILTER BAG INSIDE CATCH BASIN CONTAINS MORE THAN 6" OF SEDIMENT, REMOVE SEDIMENT FROM BAG. CHECK SURROUNDING SILT FENCE AND HAY BALES PER NOTED ABOVE.	- RIPPED BAG - FAILED HAY BALES / SILT FENCE - SIGNIFICANT SILT PRESENCE IN STORM DRAINAGE SYSTEM OUTFLOW.	INLET PROTECTION MAY BE REMOVED ONCE THE SITE HAS BEEN PERMANENTLY STABILIZED, AND ALL SECTIONS OF ROADWAY HAVE BEEN PERMANENTLY PAVED.
STOCKPILE PROTECTION (STK)	- RETAIN SOIL STOCKPILE IN LOCATIONS SPECIFIED, AND REDUCE WATER-TRANSPORT.	INSPECT SILT FENCE AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGES. PERIODIC REINFORCEMENT OF SILT FENCE, OR ADDITION OF HAY BALES MAY BE NECESSARY.	- EVIDENCE OF STOCK PILE DIMINISHING DUE TO RAIN EVENTS - FAILURE OF SILT FENCE	STOCKPILE PROTECTION MAY BE REMOVED ONCE THE STOCKPILE IS USED OR REMOVED.

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

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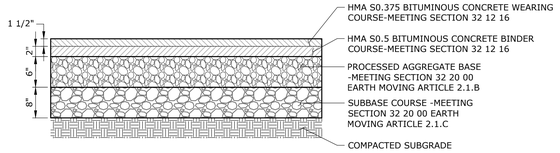
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

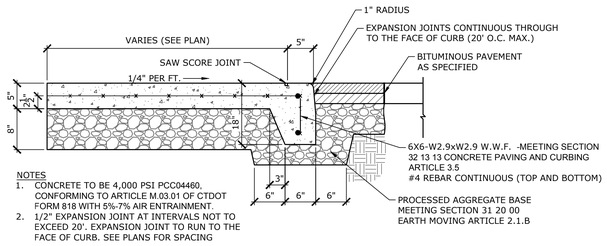
Drawing Title:
SEDIMENT AND EROSION CONTROL DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003
Drawing Number: C008



STANDARD DUTY BITUMINOUS CONCRETE DRIVE /LOUIS LANE EXPANSION

NOT TO SCALE

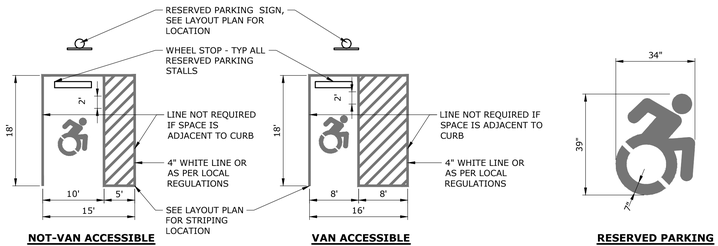


NOTES

1. CONCRETE TO BE 4,000 PSI PCC04460, CONFORMING TO ARTICLE M.03.01 OF CTDOT FORM 818 WITH 5%-7% AIR ENTRAINMENT.
2. 1/2" EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB. SEE PLANS FOR SPACING

INTEGRAL CONCRETE WALK AND FLUSH CURB

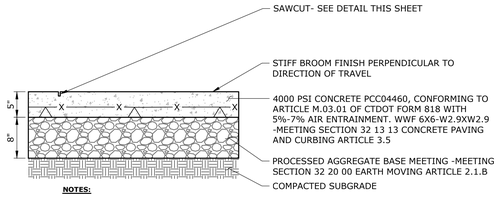
NOT TO SCALE



NOT-VAN ACCESSIBLE **VAN ACCESSIBLE** **RESERVED PARKING SPACE MARKING**

ACCESSIBLE PARKING STALL DETAIL

NOT TO SCALE

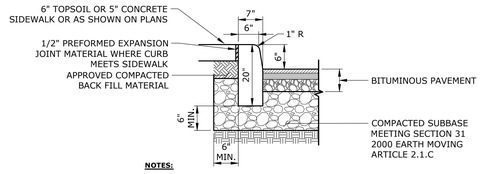


NOTES:

1. EXPANSION JOINTS 20' O.C. MAXIMUM CONSTRUCTION JOINTS 5' O.C. TYPICAL (OR AS SHOWN ON PLANS).

CONCRETE SIDEWALK

NOT TO SCALE

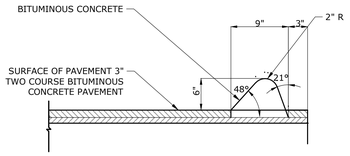


NOTES:

1. CONCRETE TO BE 4,000 PSI PCC04460, CONFORMING TO ARTICLE M.03.01 OF CTDOT FORM 818 WITH 5%-7% AIR ENTRAINMENT.

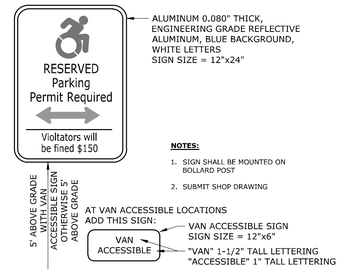
CAST-IN-PLACE CONCRETE CURB

NOT TO SCALE



BITUMINOUS CONCRETE CURB

NOT TO SCALE

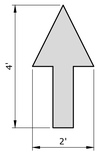


NOTES:

1. SIGN SHALL BE MOUNTED ON BOLLARD POST
2. SUBMIT SHOP DRAWING

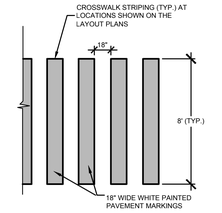
ACCESSIBLE PARKING SIGN

NOT TO SCALE



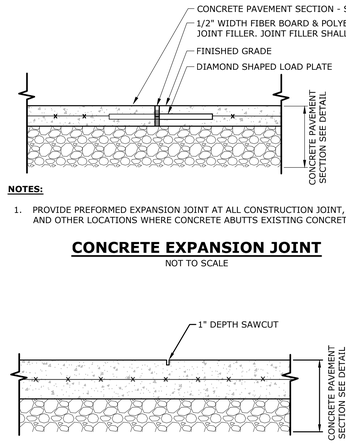
PAVEMENT TRAFFIC ARROW

NOT TO SCALE



PAINTED CROSSWALK

NOT TO SCALE

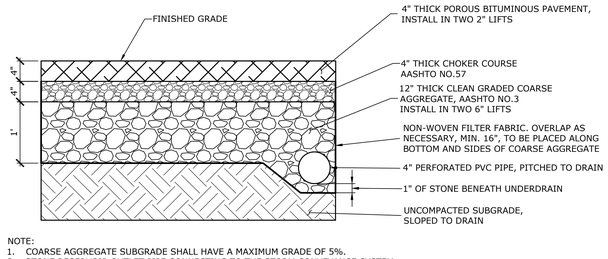


NOTES:

1. PROVIDE PREFORMED EXPANSION JOINT AT ALL EXPANSION CONTROL JOINT, SAWCUT, AND OTHER LOCATIONS WHERE CONCRETE ABUTS EXISTING CONCRETE.

SCORE JOINT - SAWCUT

NOT TO SCALE

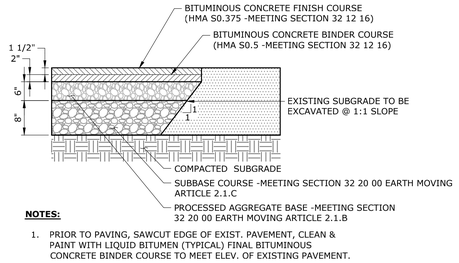


NOTE:

1. COARSE AGGREGATE SUBGRADE SHALL HAVE A MAXIMUM GRADE OF 5%.
2. STONE RESERVOIR OUTLET PIPE CONNECTING TO THE STORM CONVEYANCE SYSTEM SHALL BE 4" PERFORATED PVC.
3. CLEANOUTS SHALL BE PROVIDED AT ALL UNDERDRAIN PIPE BENDS AND TERMINATIONS.

PERVIOUS BITUMINOUS PAVEMENT DETAIL

N.T.S.

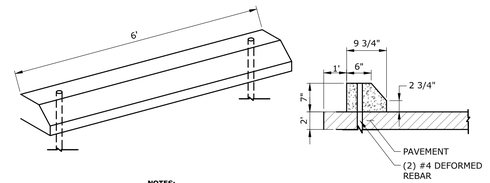


NOTES:

1. PRIOR TO PAVING, SAWCUT EDGE OF EXIST. PAVEMENT, CLEAN & PAINT WITH LIQUID BITUMEN (TYPICAL) FINAL BITUMINOUS CONCRETE BINDER COURSE TO MEET ELEV. OF EXISTING PAVEMENT.

PAVEMENT REPAIR - DRIVEWAY

NOT TO SCALE

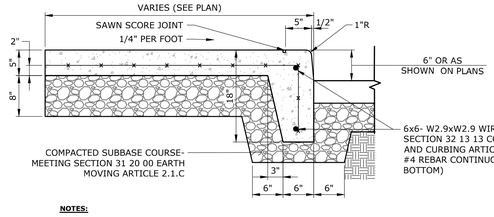


NOTES:

1. CONCRETE: 4000 PSI PCC04460, CONFORMING TO ARTICLE M.03.01 OF CTDOT FORM 818 WITH 5%-7% AIR ENTRAINMENT. WWF 6X6-W2.9XW2.9 -MEETING SECTION 32 13 13 CONCRETE PAVING AND CURBING ARTICLE 3.5
2. WEIGHT, 300 LBS.
3. REINFORCEMENT, (2) #4 BARS
4. (2) 3/4" HOLES CAST IN FOR ANCHORING
5. (2) PROVIDE 5/8" x 30" REBAR FOR ANCHORING

PRECAST CONCRETE WHEEL STOP

NOT TO SCALE

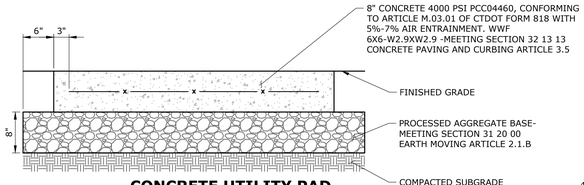


NOTES:

1. CONCRETE TO BE PCC04460, CONFORMING TO ARTICLE M.03.01 OF CTDOT FORM 818 WITH 5%-7% AIR ENTRAINMENT. 4,000 PSI CLASS F AT 28 DAYS. 1/2" EXPANSION JOINT AT INTERVALS NOT TO EXCEED 20'. EXPANSION JOINT TO RUN TO THE FACE OF CURB.
2. TO BE USED IN ALL LOCATIONS WHERE PROPOSED CONCRETE WALKS ABUT PROPOSED CONCRETE CURB.

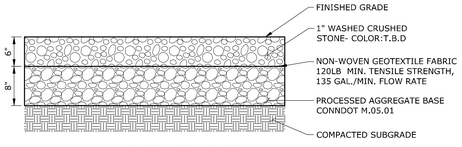
INTEGRAL CONCRETE SIDEWALK CURB

NOT TO SCALE



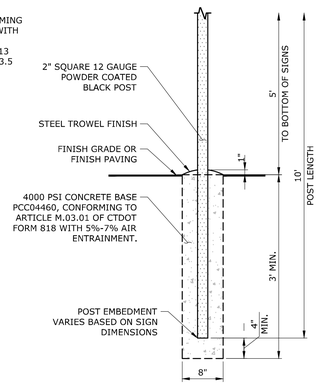
CONCRETE UTILITY PAD

NOT TO SCALE



1 " WASHED CRUSHED STONE

NOT TO SCALE

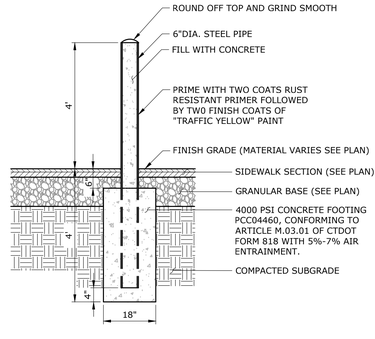


NOTES:

1. FOR POST MOUNTING, USE NON-CORROSIVE 3/8" MACHINE BOLTS WITH WASHERS, 2 PER SIGN.
2. FOR WALL MOUNTING, USE NON-CORROSIVE 3/8" LAG BOLTS WITH LEAD EXPANSION SHIELD, 4 PER SIGN.
3. BOTTOM OF FOOTING TO BE 12" BELOW FROST LINE, EXISTING UNDISTURBED GRADE OR FINISHED GRADE, WHICHEVER IS GREATER.

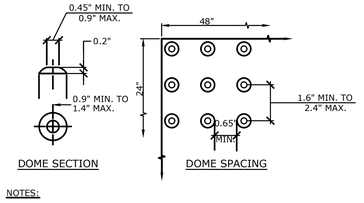
TRAFFIC SIGN POST

NOT TO SCALE



STEEL PROTECTION BOLLARD

NOT TO SCALE



NOTES:

THE DETECTABLE WARNING STRIP SHALL BE A PREFABRICATED DETECTABLE WARNING SURFACE TILE THAT IS CAST IN PLACE AND REPLACEABLE SUCH AS MANUFACTURED FROM ALERTTILE DETECTABLE WARNING SYSTEMS, ADA SOLUTIONS, OR APPROVED EQUAL. THE TILE SHALL HAVE A BRICK RED HOMOGENEOUS COLOR IN COMPLIANCE WITH FEDERAL STANDARD 595A COLOR #2144 OR APPROVED EQUAL

DETECTABLE WARNING STRIP

NOT TO SCALE

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
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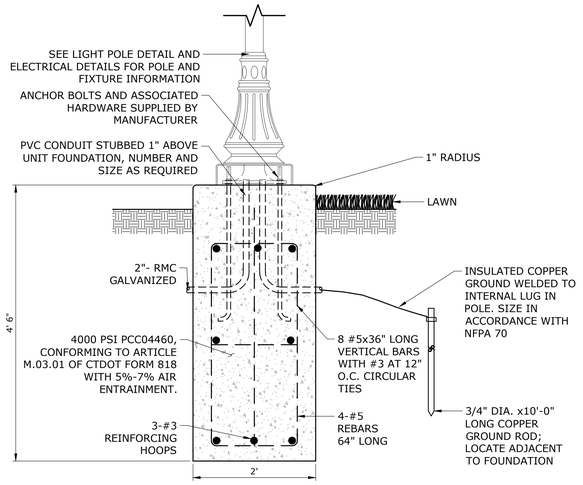
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title: SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003

Drawing Number: C009

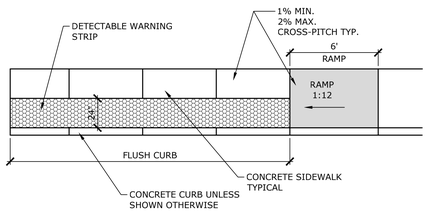


NOTES:

1. SEE LIGHT POLE DETAILS AND ELECTRICAL DRAWINGS FOR MANUFACTURER
2. PROVIDE SHOP DRAWINGS FOR APPROVAL
3. MAX ALLOWABLE POLE HEIGHT FOR THIS FOUNDATION IS 25'
4. MAXIMUM POLE BASE COVER DIAMETER IS 24"
5. MAXIMUM BOLT CIRCLE DIAMETER IS 19"

LIGHT POLE FOUNDATION DETAIL

NOT TO SCALE

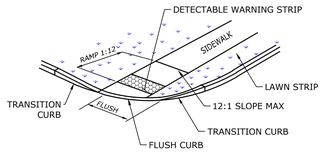


PLAN

NOTES:
1. SEE LAYOUT PLAN FOR LOCATIONS.
2. SEE GRADING PLAN FOR SPECIFIC ELEVATIONS AT RAMP AND LANDING LOCATIONS
3. IN THE EVENT THAT A CURB ADJACENT TO A RAMP AS SHOWN IS LESS THAN OR GREATER THAN 6', THE RAMP SLOPE SHALL BE ADJUSTED IN THE FIELD TO MAINTAIN 1" VERTICAL RISE FOR EVERY 12" HORIZONTAL (8.33%)

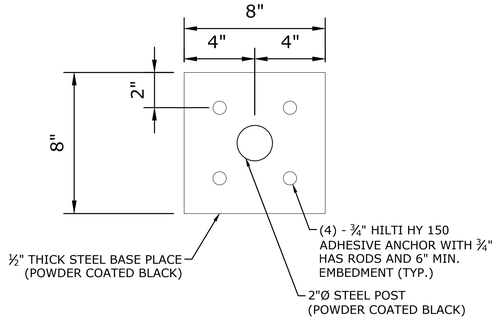
PEDESTRIAN RAMP - TYPE B

NOT TO SCALE



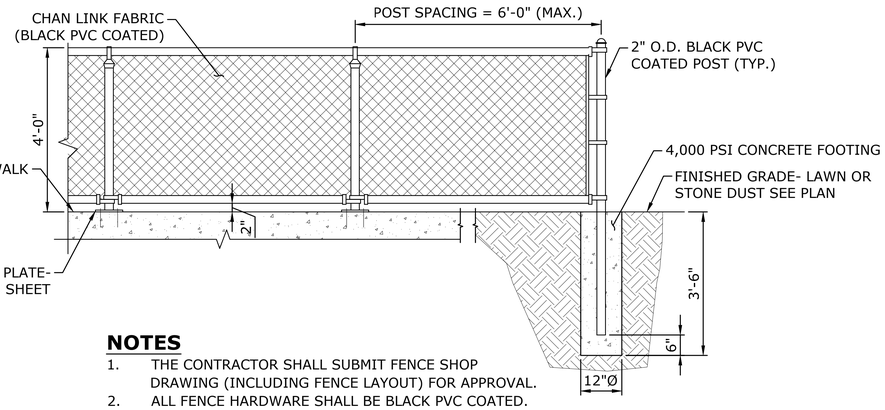
ACCESSIBLE DROP RAMP - TYPE D

N.T.S.



TYPICAL CONNECTION PLATE

NOT TO SCALE

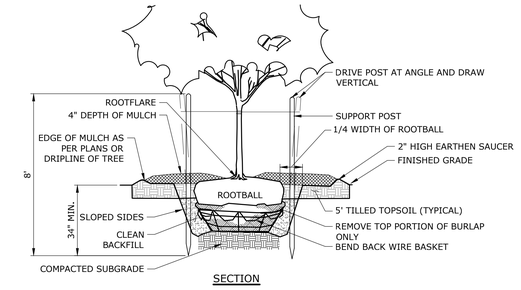


NOTES

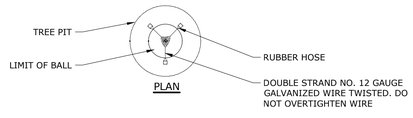
1. THE CONTRACTOR SHALL SUBMIT FENCE SHOP DRAWING (INCLUDING FENCE LAYOUT) FOR APPROVAL.
2. ALL FENCE HARDWARE SHALL BE BLACK PVC COATED.

4' HIGH CHAIN LINK SAFETY FENCE

N.T.S.



SECTION



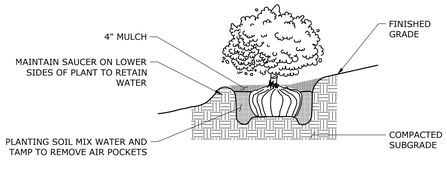
PLAN

NOTE:

1. SUPPORT STAKES SHALL BE REMOVED BY THE CONTRACTOR ONE YEAR AFTER INSTALLATION.

TREE PLANTING

NOT TO SCALE



NOTES:

1. UNLESS OTHERWISE DIRECTED SHREDDED MULCH SHALL BE PLACED TO A LIMIT OF ONE FOOT BEYOND THE CENTER OF THE OUTERMOST SHRUBS IN SHRUB BED.

SHRUB PLANTING

NOT TO SCALE

SECTION

GROUND COVER SPACING TABLE

PLANT SPACING "A"	ROW SPACING "B"	NO. OF PLANTS	AREA UNIT
6" O.C.	5.2"	4.61	1 SQ. FT.
8" O.C.	6.93"	2.6	1 SQ. FT.
10"O.C.	8.66"	1.66	1 SQ. FT.
12"O.C.	10.4"	1.15	1 SQ. FT.

NOTES:

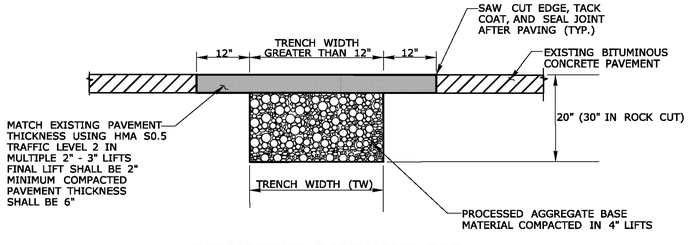
1. ALL GROUND COVER TO BE PLANTED IN TRIANGULAR PATTERN. SEE DETAIL PLAN AND GROUND COVER SPACING TABLE.

GROUND COVER/ PERENNIAL PLANTING

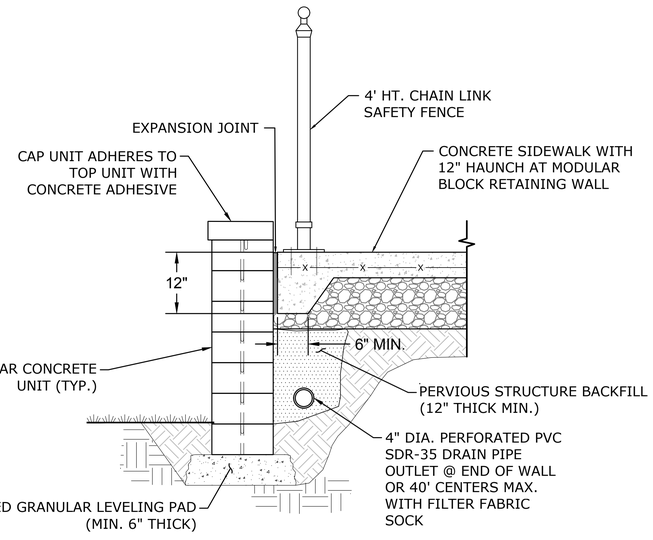
NOT TO SCALE

LAWN DETAIL

NOT TO SCALE



PERMANENT PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE



TYPICAL SECTION - UNREINFORCED RETAINING WALL FOR WALLS OF 48" MAX. EXPOSED HEIGHT

NOT TO SCALE

MODULAR BLOCK RETAINING WALL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE EXTERNAL STABILITY OF THE WALL, INCLUDING BEARING CAPACITY AND SLOPE STABILITY, IS PROPERLY REVIEWED AND EVALUATED BY A CONNECTICUT LICENSED PROFESSIONAL ENGINEER. THE WALL DESIGN SHOWN IN THESE DETAILS DOES NOT ADDRESS THE SUFFICIENCY OF BEARING CAPACITY NOR THE SLOPE STABILITY OF THE WALL SYSTEM AND SURROUNDING SOIL.

   THE FOLLOWING IS A LIST OF ACCEPTABLE PROPRIETARY EMBANKMENT RETAINING WALLS. NO OTHER PROPRIETARY RETAINING WALL SYSTEMS WILL BE ALLOWED ON THIS PROJECT.

   A) VERSA-LOK Retaining Wall
   VERSA-LOK of New England
   P.O. Box 6002
   Nashua, NH 03063
   (603) 883-3042

   B) MESA Retaining Wall System
   TENSAR Earth Technology, Inc.
   18 Main Street
   Suite 3C
   Concord, MA 01742
   (978) 371-2888

   F) Anchor Wall Systems
   Mahopac Building Material
   100 Buckshollow Road
   Mahopac, NY 10541
   (845) 628-8110

   D) KeySystem I Retaining Wall
   Keystone Retaining Wall Systems
   13453 Country Road 1
   Fairhope, AL 36232
   (334) 990-5761

   E) Pyramid Modular Blockwall
   The Reinforced Earth Company
   10 Tower Office Park
   Suite 318
   Woburn, MA 01801
   (617) 938-8774

2. LEVELING PAD SHALL CONSIST OF WELL GRADED GRAVEL FILL BASE, ¾" CRUSHED, ANGULAR GRAVEL WITH SOME FINES.

   DRAINAGE AGGREGATE SHALL CONSIST OF CLEAN ANGULAR GRAVEL, ¾" DIAMETER WITH LESS THAN 5% FINES.

3. DRAINAGE PIPE SHALL BE PERFORATED OR SLOTTED PVC OR CORRUGATED HDPE PIPE.

   REINFORCED BACKFILL SHALL BE FREE OF DEBRIS, ORGANIC SOIL, AND EXPANSIVE SOILS.

   FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.

4. COMPACTION SHALL BE 95% OF MAXIMUM STANDARD PROCTOR DENSITY (ASTM D-698). COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED. THE MINIMUM NUMBER OF TESTS SHALL BE DETERMINED BY THE CONTRACTOR'S DESIGN ENGINEER.

5. COMPACTION WITHIN 3 FT OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT. CONTRACTOR SHALL SLOPE SITE GRADES TO DIRECT SURFACE RUNOFF AWAY FROM WALL AT END OF EACH DAY TO AVOID WATER DAMAGING THE WALL WHILE UNDER CONSTRUCTION. ANY SURFACE DRAINAGE FEATURES, FINISHED GRADING, PAVEMENT, OR TURF SHALL BE INSTALLED IMMEDIATELY AFTER WALL IS COMPLETED.

6. TOP OF WALL TO BE SET 6" ABOVE PROPOSED GRADE AT BACK OF WALL.

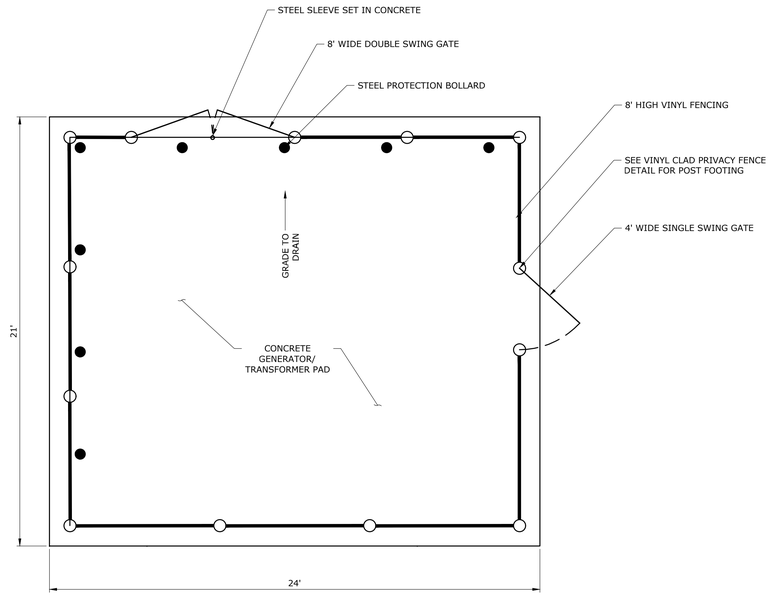
Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

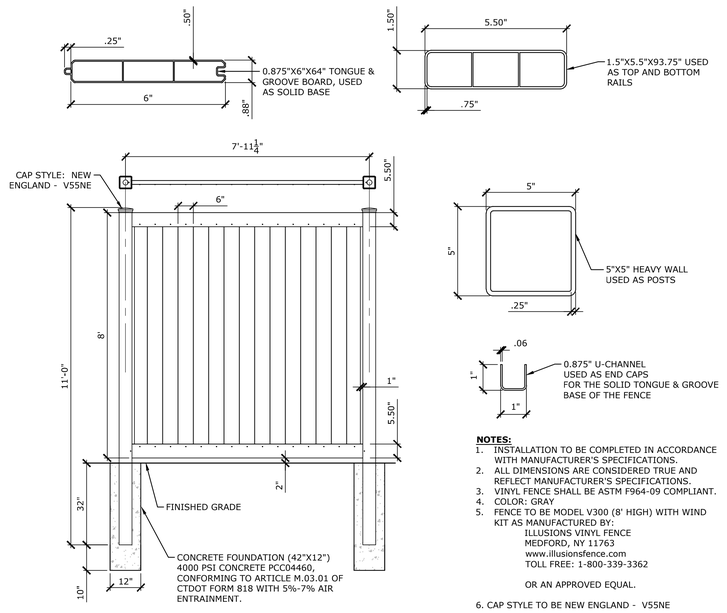
Drawing Title:
SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003
Drawing Number: C010



GENERATOR AND TRANSFORMER ENCLOSURE - PLAN VIEW

NOT TO SCALE



NOTES:

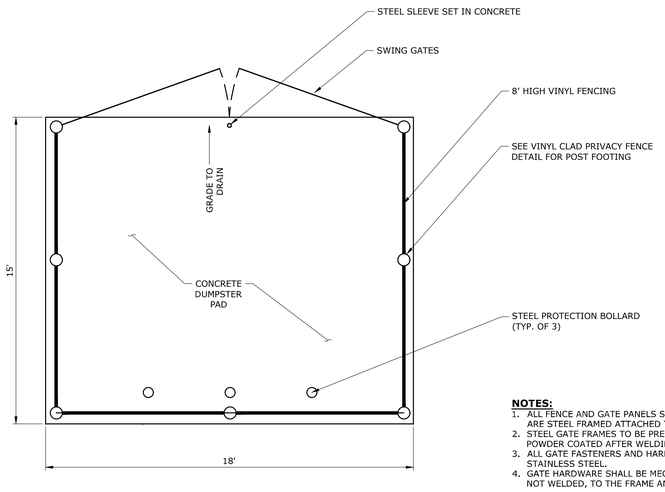
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
3. VINYL FENCE SHALL BE ASTM F964-09 COMPLIANT.
4. COLOR: GRAY
5. FENCE TO BE MODEL V300 (8' HIGH) WITH WIND KIT AS MANUFACTURED BY:
   ILLUSIONS VINYL FENCE
   MEDFORD, NY 11763
   www.illusionsfence.com
   TOLL FREE: 1-800-339-3362

   OR AN APPROVED EQUAL.

6. CAP STYLE TO BE NEW ENGLAND - V55NE

VINYL CLAD PRIVACY FENCE FOR DUMPSTER ENCLOSURE

NOT TO SCALE

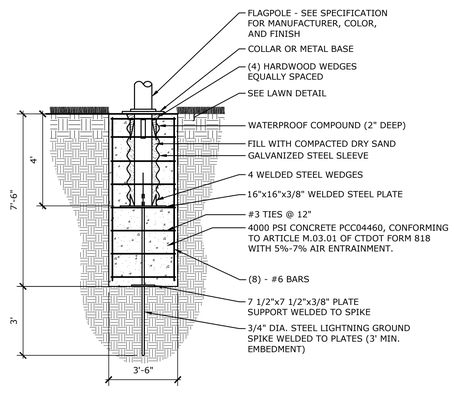


NOTES:

1. ALL FENCE AND GATE PANELS SHALL BE VINYL, GATES ARE STEEL FRAMED ATTACHED TO STEEL POSTS
2. STEEL GATE FRAMES TO BE PRE-ASSEMBLED AND POWDER COATED AFTER WELDING
3. ALL GATE FASTENERS AND HARDWARE SHALL BE STAINLESS STEEL.
4. GATE HARDWARE SHALL BE MECHANICALLY ATTACHED, NOT WELDED, TO THE FRAME AND POSTS

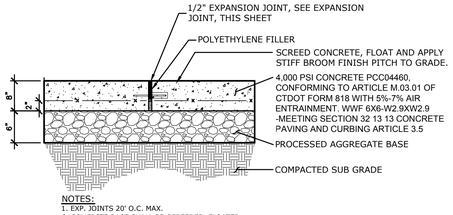
DUMPSTER ENCLOSURE - PLAN VIEW

NOT TO SCALE



30' FLAG POLE FOUNDATION

NOT TO SCALE



NOTES:
1. EXP. JOINTS 20' O.C. MAX.
2. CONCRETE BASE SHALL BE SCREEDED, FLOATED, WITH STIFF BROOM FINISH AND PITCHED TO GRADE

SECTION

CONCRETE DUMPSTER PAD

NOT TO SCALE

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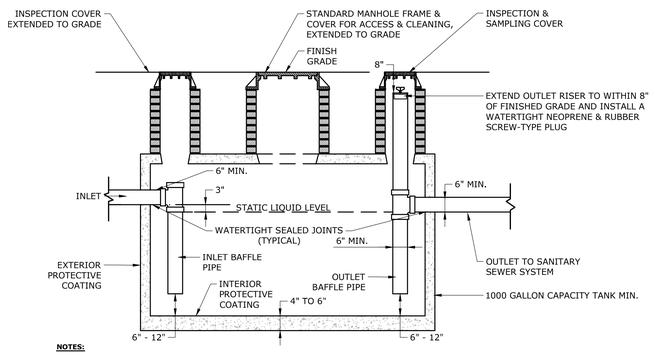
Drawing Title:
SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003

Drawing Number:
C011

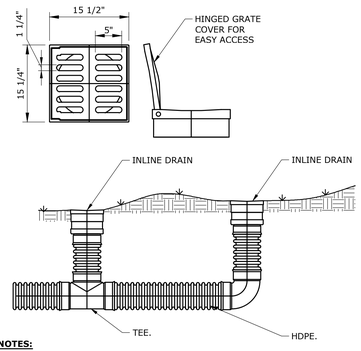


NOTES:

1. ALL MANHOLES AND CLEANOUTS ON EXTERNAL GREASE TRAPS SHALL BE EXTENDED TO GRADE TO FACILITATE CLEANING. ALL NEW GREASE TRAPS SHALL BE PROVIDED WITH MANHOLE COVERS WHICH HAVE BEEN PLACARDED WITH NOTIFICATION AS TO THE DANGER OF ENTERING THE CHAMBER DUE TO NOXIOUS GASES (PLACARDING SHALL BECOME EFFECTIVE JANUARY 1, 1990)
2. SUPPORT 6" INLET AND OUTLET BAFFLE PIPES ADEQUATELY WITH STAINLESS STEEL STRAPS AND ANCHOR BOLTS.
3. INSTALL MINIMUM 12" MANHOLE FRAMES AND COVERS OVER INLET AND OUTLET BAFFLE PIPES. THE FOLLOWING COVERS ARE ACCEPTABLE: HEAVY DUTY (PAVEMENT AREAS) - CAMPBELL PATTERN #1000 LIGHT DUTY (GRASS AREAS) - CAMPBELL PATTERN #1300A

EXTERNAL GREASE TRAP

NOT TO SCALE



NOTES:

1. ALL AREA DRAIN GRATES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS.

1.1. 15" CAST IRON GRATE DRAIN AREA = 92.5SQ. INCH GRATE HAS H-10 (HEAVY TRAFFIC) DOT RATING .

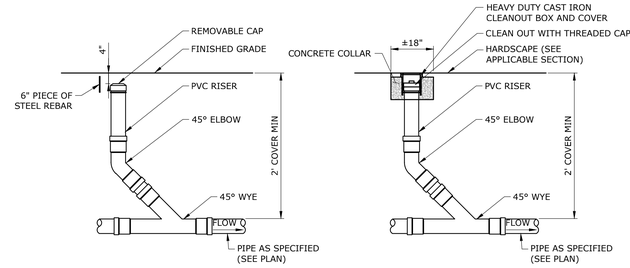
1.2. MATERIAL SHALL CONFORM TO ASTM A48 - CLASS 30B.

1.3. CASTINGS ARE FURNISHED WITH A BLACK PAINT.

1.4. INLINE DRAIN TO BE NYLOPLAST INC OR APPROVED EQUAL.

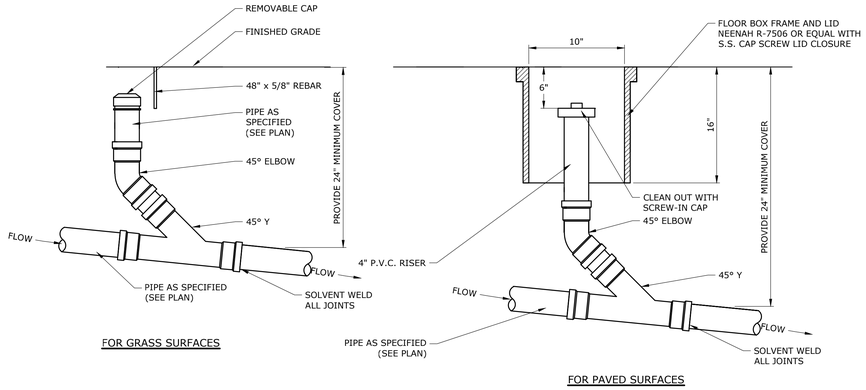
AREA DRAIN AND GRATE

NOT TO SCALE



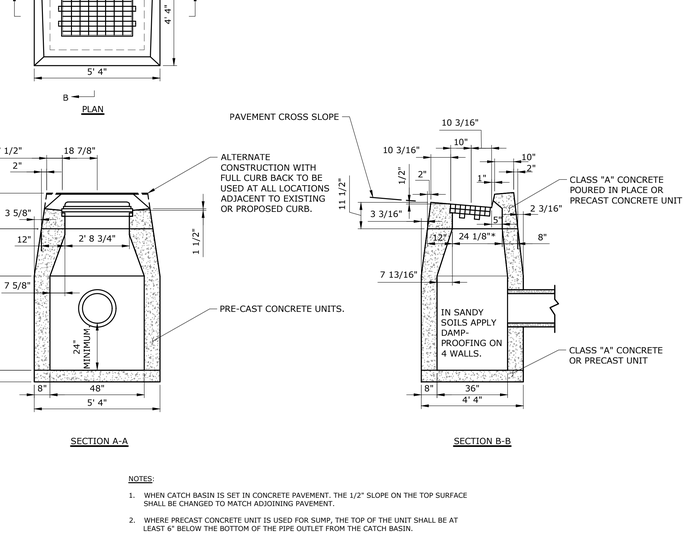
CLEANOUT

NOT TO SCALE



ROOF LEADER CLEAN OUT

NOT TO SCALE



NOTES:

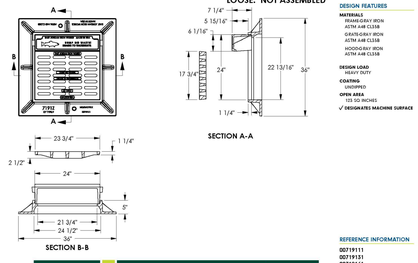
1. WHEN CATCH BASIN IS SET IN CONCRETE PAVEMENT, THE 1/2" SLOPE ON THE TOP SURFACE SHALL BE CHANGED TO MATCH ADJOINING PAVEMENT.
2. WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLET FROM THE CATCH BASIN.

TYPE "C" CATCH BASIN

NOT TO SCALE

7191Z/7191M/7191T COMBINATION

NOTE: COMPONENTS ARE SHIPPED LOOSE. NOT ASSEMBLED



PRODUCT NUMBER
00719131C01

DESIGN FEATURES

MATERIALS
FRAME-GRAY IRON ASTM A48 CL35B
GRATE-GRAY IRON ASTM A48 CL35B
HOOD-GRAY IRON ASTM A48 CL35B

DESIGN LOAD
HEAVY DUTY

COATING
UNCOATED

OPEN AREA
125 SQ INCHES

✓ DESIGNATES MACHINE SURFACE

REFERENCE INFORMATION
00719111
00719131
00719161

DRAWING DETAILS
ORIGINAL DRAWING: DEF 2/18/2018
REVISED BY:

Corporate Headquarters
301 Spring Street
PO Box 439
East Jordan, MI
49727-0439
800.874.4100
GROUP

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800.626.4653
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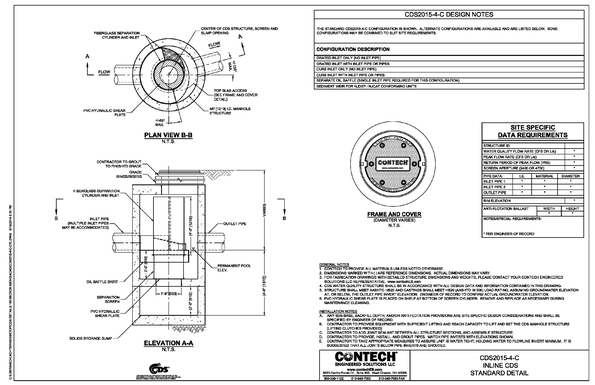
CURBED GRATE TOP FOR CONTECH CDS 2015-4-C

NOT TO SCALE



CONTECH CDS 2015-4-C

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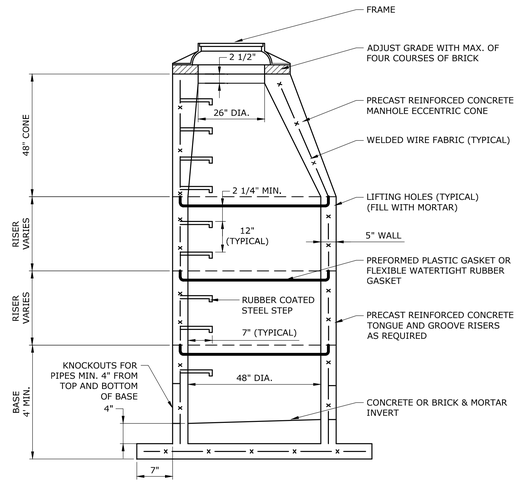


STORM MANHOLE

NOT TO SCALE

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title: SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003

Drawing Number: C012

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-3500 CHAMBER SYSTEM

1. STORMTECH MC-3500 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
2. STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS.
   STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
6. MAINTAIN MINIMUM - SPACING BETWEEN THE CHAMBER ROWS.
7. INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
8. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
9. STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
10. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
11. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

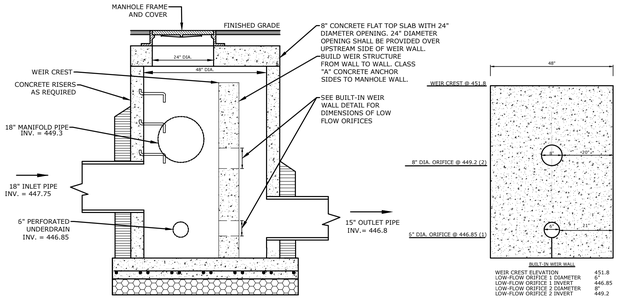
1. STORMTECH MC-3500 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
2. THE USE OF EQUIPMENT OVER MC-3500 CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
   - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-3500/MC-4500 CONSTRUCTION GUIDE".
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.

MC-3500 STORMTECH CHAMBER SPECIFICATIONS

1. CHAMBERS SHALL BE STORMTECH MC-3500.
2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.
6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN, AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
   - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
   - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
   - THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.



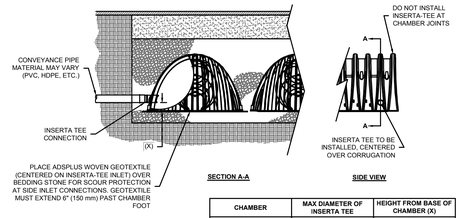
NOTES:
THIS DETAIL REPRESENTS A MODIFICATION OF A STANDARD STORM MANHOLE FOR USE IN CONTROLLING THE DISCHARGE FROM THE DETENTION AREA. SEE THE MANHOLE DETAIL FOR STANDARD DIMENSIONS AND NOTES.

OUTLET CONTROL STRUCTURE FOR UNDERGROUND DETENTION SYSTEM 110

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. OR MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43[1] 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE[2,3]

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



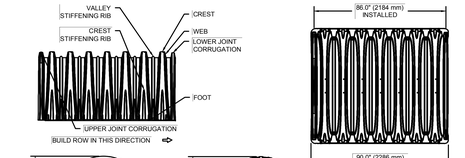
SECTION A-A **SIDE VIEW**

CHAMBER	MAX DIAMETER OF INSERTA TEE	HEIGHT FROM BASE OF CHAMBER (X)
SC-310	6" (150 mm)	4" (100 mm)
SC-740	10" (250 mm)	4" (100 mm)
DC-780	10" (250 mm)	4" (100 mm)
MC-3500	12" (300 mm)	6" (150 mm)
MC-4500	12" (300 mm)	8" (200 mm)

INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, SCH 40 IPS GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR DUCTILE IRON

NOTE:
PART NUMBERS WILL VARY BASED ON INLET PIPE MATERIALS. CONTACT STORMTECH FOR MORE INFORMATION.

INSERTA-TEE SIDE INLET DETAIL



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	77.0" X 45.0" X 86.0"	(1956 mm X 1143 mm X 2184 mm)
CHAMBER STORAGE	109.9 CUBIC FEET	(3.11 m³)
MINIMUM INSTALLED STORAGE*	175.0 CUBIC FEET	(4.96 m³)
WEIGHT	134 lbs.	(60.8 kg)

NOMINAL END CAP SPECIFICATIONS

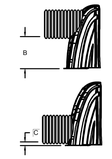
SIZE (W X H X INSTALLED LENGTH)	75.0" X 45.0" X 22.2"	(1905 mm X 1143 mm X 564 mm)
END CAP STORAGE	14.9 CUBIC FEET	(0.42 m³)
MINIMUM INSTALLED STORAGE*	45.1 CUBIC FEET	(1.28 m³)
WEIGHT	49 lbs.	(22.2 kg)

*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION, 6" (152 mm) STONE BETWEEN CHAMBERS, 6" (152 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"
END CAPS WITH A WELDED CROWN PLATE END WITH "C".

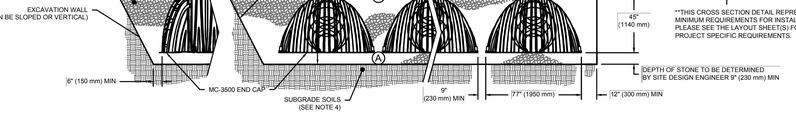
PART #	STUB	B	C
MC3500EPP06T	6" (150 mm)	33.21" (844 mm)	---
MC3500EPP06B		---	0.66" (17 mm)
MC3500EPP08T	8" (200 mm)	31.16" (791 mm)	---
MC3500EPP08B		---	0.81" (21 mm)
MC3500EPP10T	10" (250 mm)	29.04" (738 mm)	---
MC3500EPP10B		---	0.93" (24 mm)
MC3500EPP12T	12" (300 mm)	26.36" (670 mm)	---
MC3500EPP12B		---	1.35" (34 mm)
MC3500EPP15T	15" (375 mm)	23.39" (594 mm)	---
MC3500EPP15B		---	1.50" (38 mm)
MC3500EPP18TC	18" (450 mm)	20.03" (509 mm)	---
MC3500EPP18TW			
MC3500EPP18BC		---	1.77" (45 mm)
MC3500EPP18BW			
MC3500EPP24TC	24" (600 mm)	14.48" (368 mm)	---
MC3500EPP24TW			
MC3500EPP24BC		---	2.06" (52 mm)
MC3500EPP24BW			
MC3500EPP30BC	30" (750 mm)	---	2.75" (70 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL



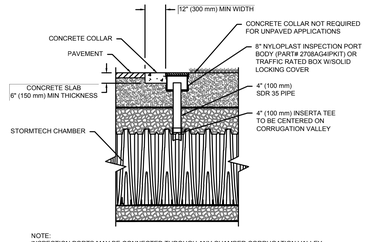
CUSTOM PARTIAL CUT INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-3500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

MC-3500 TECHNICAL SPECIFICATIONS



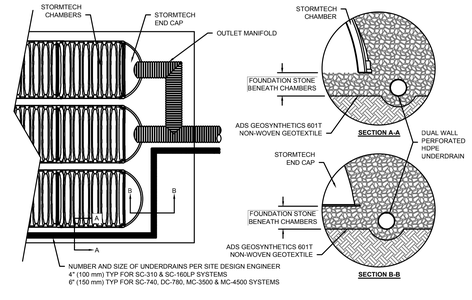
NOTES:
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418-16a, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 45x76 DESIGNATION SS.
2. MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
5. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 500 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

MC-3500 CROSS SECTION DETAIL

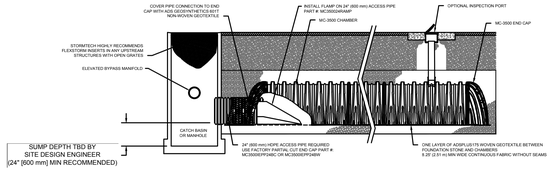


NOTE:
INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION VALLEY.

4" PVC INSPECTION PORT DETAIL (MC SERIES CHAMBER)



UNDERDRAIN DETAIL



MC-3500 ISOLATOR ROW PLUS DETAIL

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS
  - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.

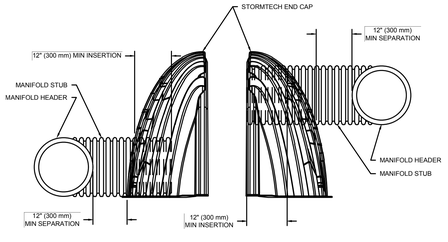
STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

MC-SERIES END CAP INSERTION DETAIL

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
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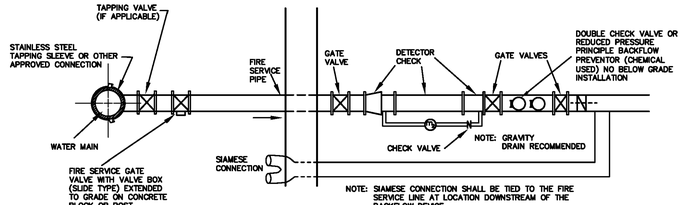
Drawing Title: SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
Project Number: 20.003

Drawing Number: C013

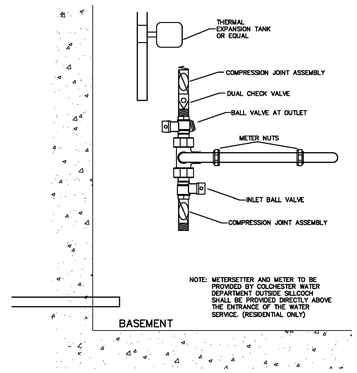
NOTES

1. ALL MATERIALS SHALL CONFORM WITH THE COLCHESTER WATER DEPARTMENT MATERIAL SPECIFICATIONS.
2. WATER MAINS SHALL BE MINIMUM CLASS 52 CEMENT-LINED DUCTILE IRON PIPE WITH PUSH-ON JOINTS, IN ACCORDANCE WITH AWWA C104, C111 AND C150. MAINS SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C600 AND THE COLCHESTER WATER DEPARTMENT STANDARD DETAILS.
3. HYDRANTS SHALL BE OPEN LEFT, 3-WAY HYDRANTS, WITH A 5-1/4" VALVE AND MECHANICAL JOINT CONNECTIONS IN ACCORDANCE WITH AWWA C502. ACCEPTABLE MANUFACTURERS ARE MUELLER CENTURION
4. GATE VALVES SHALL BE OPEN RIGHT, RESILIENT SEAT GATE VALVES WITH MECHANICAL JOINT CONNECTIONS, IN ACCORDANCE WITH AWWA C500. ACCEPTABLE MANUFACTURERS OF GATE VALVES ARE LISTED IN THE COLCHESTER WATER DEPARTMENT MATERIAL SPECIFICATIONS.
5. ALL FITTINGS SHALL BE MECHANICAL JOINT, CEMENT-LINED DUCTILE IRON CLASS 52 OR GREATER, IN ACCORDANCE WITH AWWA C153. ACCEPTABLE MANUFACTURERS OF FITTINGS ARE LISTED IN THE COLCHESTER WATER DEPARTMENT MATERIAL SPECIFICATIONS.
6. CORPORATIONS AND CURB STOPS SHALL BE COMPRESSION TYPE AND BE MANUFACTURED BY EITHER MUELLER OR FORD.
7. CURB BOXES SHALL BE MINIMUM 2-1/2" DIAMETER CAST IRON, BUFFALO TYPE. GATE BOXES SHALL BE MINIMUM 5-1/4" DIAMETER CAST IRON, SLIDE TYPE. EACH OF THESE SHALL BE NORTH AMERICAN MADE. ACCEPTABLE MANUFACTURERS ARE LISTED IN THE COLCHESTER WATER DEPARTMENT MATERIAL SPECIFICATIONS.
8. SERVICE CONNECTIONS: ALL SERVICE CONNECTIONS SHALL BE A MINIMUM OF 1-INCH DIAMETER TYPE K COPPER TUBING AND SHALL BE CONSTRUCTED OF CONTINUOUS TUBING (NO JOINTS, CONNECTIONS, COUPLINGS, ETC.) WHEREVER POSSIBLE. SERVICE LINES IN EXCESS OF 150 FEET IN LENGTH FOR ALL TYPES OF USES, OR SERVICES FOR ANY NON-RESIDENTIAL/NON-POTABLE USE, INCLUDING BUT NOT LIMITED TO FIRE PROTECTION, PROCESS/INDUSTRIAL USE, COMMERCIAL USE, IRRIGATION, OR OTHER SUCH APPLICATIONS ARE SUBJECT TO PRE-APPROVAL BY COLCHESTER WATER DEPARTMENT AND/OR ADDITIONAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO LARGER SIZE PIPING, ALTERNATE PIPING MATERIALS/INSTALLATION, HYDROSTATIC TESTING AND/OR DISINFECTION, METER PIT INSTALLATION, OR OTHER SPECIAL CONDITIONS AS MAY BE REQUIRED. INSTALLATION OF A 3/4-INCH SERVICE CONNECTION IS ONLY PERMITTED FOR RENEWAL OF CERTAIN EXISTING 3/4-INCH CONNECTIONS.
9. DISINFECTION AND PRESSURE TESTING – UPON COMPLETION, ALL MAINS, SERVICES AND OTHER PIPING AND APPURTENANCES SHALL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA C600, AND DISINFECTED BY THE CONTINUOUS FEED METHOD AND IN ACCORDANCE WITH AWWA C651 BY AN INDEPENDENT PARTY APPROVED BY COLCHESTER WATER DEPARTMENT.
10. SHOP DRAWINGS FOR ALL MATERIALS TO BE USED ON THE JOB SHALL BE SUBMITTED TO THE COLCHESTER WATER DEPARTMENT FOR APPROVAL.
11. AS-BUILT DRAWINGS WILL BE SUPPLIED TO THE COLCHESTER WATER DEPARTMENT WITHIN 90 DAYS AFTER ACCEPTANCE OF THE MAIN BY COLCHESTER WATER DEPARTMENT.
12. THE MINIMUM DEPTH OF ROAD BASE MATERIAL AND PAVEMENT INSTALLED OVER ANY WATER MAIN TRENCH, INCLUSIVE OF ANY CUTBACKS, SHALL BE THE LARGEST OF THE FOLLOWING:
    A. FOR EXISTING ROADS – THE DEPTH OF EXISTING ROAD BASE AND PAVEMENT,
    OR
    SIX (6) INCHES OF COMPACTED ROAD BASE AND THREE (3) INCHES OF NEW PAVEMENT,
    B. FOR NEWLY CONSTRUCTED ROADS – DEPTHS SHOWN ON PLANS APPROVED BY THE LOCAL P&Z COMMISSION, STATE D.O.T., OR OTHER GOVERNING AUTHORITY,
    OR
    SIX (6) INCHES OF COMPACTED ROAD BASE AND THREE (3) INCHES OF NEW PAVEMENT.
13. CONCRETE THRUST BLOCKS, EITHER POURED OR PLACED (PRECAST SOLID BRICK), MAY BE REQUIRED BY COLCHESTER WATER DEPARTMENT IN ADDITION TO, OR POSSIBLY IN THE PLACE OF, PUSH ON JOINT PIPE RESTRAINT OR MEGALUG RETAINER GLANDS, BASED ON SPECIFIC CONDITIONS. ANY SUCH REQUIREMENTS WOULD BE NOTED DURING THE PLAN REVIEW PHASE.
14. REMOTE READER LOCATION SHALL BE ON THE FRONT OF THE BUILDING NOT LESS THAN 3 FEET FROM GRADE NO MORE THAN 5 FEET FROM GRADE. ADVANCE NOTICE OF SHEET ROCKING SHALL BE PROVIDED TO C.W.D FOR READER WIRE INSTALLATION.

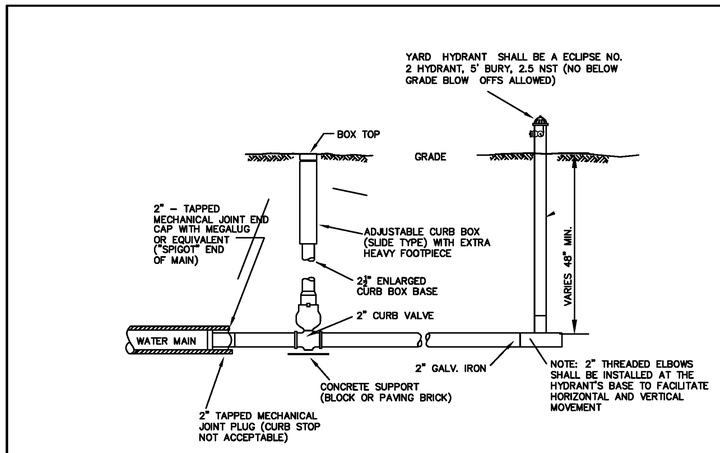


PLAN VIEW

TYPICAL FIRE SERVICE INSTALLATION
NOT TO SCALE

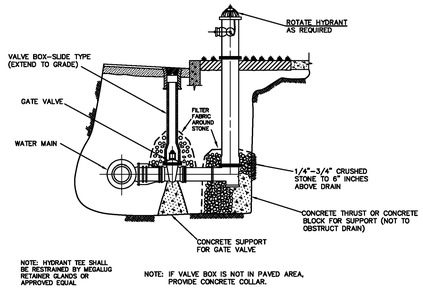


TYPICAL WATER METER INSTALLATION
NOT TO SCALE

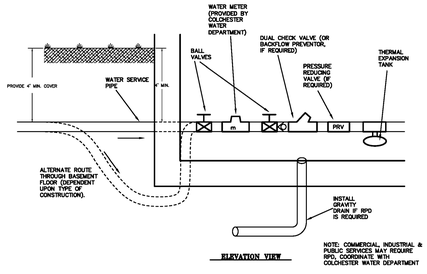


TYPICAL FLUSHING VALVE INSTALLATION
NOT TO SCALE

TYPICAL WATER OR SANITARY TRENCH
NOT TO SCALE



TYPICAL HYDRANT AND VALVE INSTALLATION
NOT TO SCALE



ELEVATION VIEW

TYPICAL SERVICE INSTALLATION > 1"
NOT TO SCALE

Project Title:
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Town of Colchester
15 Louis Lane
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Revision:	Description:	Date:	Revised By:
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Drawing Title:
SITE DETAILS

Date: JULY 23, 2022
Scale: AS SHOWN
Drawn By: MLA
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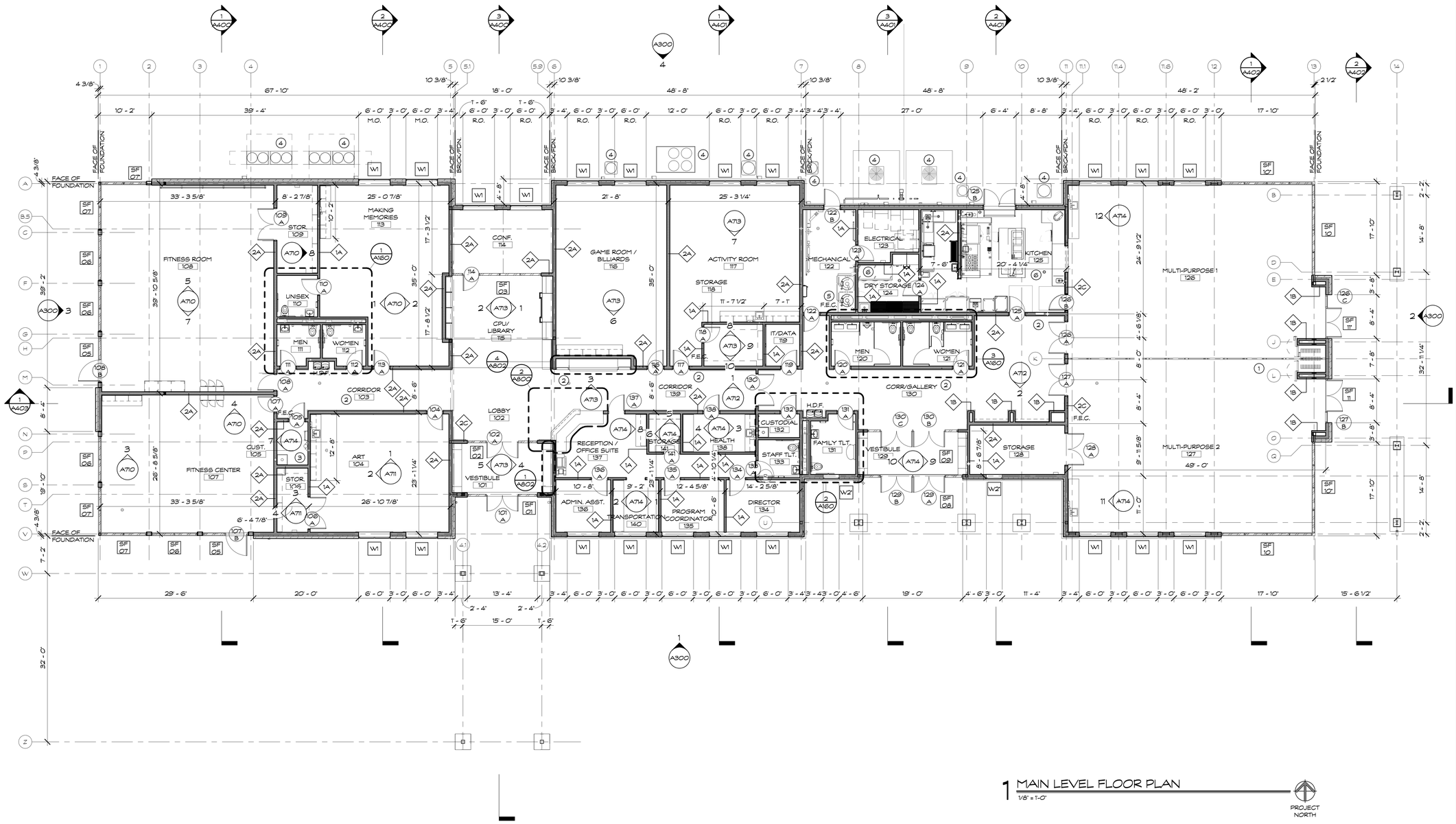
C014



1 MAIN LEVEL FLOOR PLAN
1/8" = 1'-0"

PROJECT NORTH

SYMBOL LEGEND

- NEW METAL STUD PARTITIONS
- NEW MASONRY WALL
- NEW CMU WALL
- 101 / A – DOOR NUMBER
- 11 – WINDOW TYPE
- Room name 101 – ROOM NAME / ROOM NUMBER
- E3.0 – PARTITION TYPE
- X – CONSTRUCTION NOTE
- 2 / A101 – EXTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 / A101 – INTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 / A101 – BUILDING SECTION NUMBER / SHEET NUMBER
- 2 / A101 – WALL SECTION NUMBER / SHEET NUMBER
- F.E.C. – RECESSED FIRE EXTINGUISHER CABINET (TYPICAL OF 4)
- H.D.F. – HANDICAPPED DRINKING FOUNTAIN

GENERAL NOTES

1. READ ALL GENERAL NOTES ON DRAWING G001.
2. CONTRACTORS SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
3. ALL DIMENSIONS ARE TO OUTSIDE FACE OF BRICK, CONCRETE AND METAL FRAMING (OUTSIDE FACE OR CENTERLINE) UNLESS OTHERWISE NOTED.
4. ALL NEW INTERIOR WALL ASSEMBLIES SHALL EXTEND TO UNDERSIDE TRUSS BOTTOM CHORD UNLESS OTHERWISE NOTED
5. ALL EXTERIOR WALL FRAMING SHALL BE 6" CFMF STUDS @ 16" O.C. W/ 5/8" GYPSUM BOARD INTERIOR FINISH (PTD). REFER TO WALL SECTIONS AND SECTION DETAILS FOR ADDITIONAL INFORMATION.

CONSTRUCTION NOTES - PLAN

1	12 HIGH ELECTRIC WALL W/ POCKET DOORS
2	PROVIDE WOOD WAINSCOT W/ BASE AND CHAIR RAIL THROUGHOUT ALL CORRIDORS AND LOBBIES. REFER TO SHEET A280 AND 8/A803.
3	WALL MOUNTED LADDER TO MECHANICAL ATTIC ABOVE - PAINTED BLACK
4	CONDENSER UNIT ON CONCRETE PAD. REFER TO MECHANICAL AND CIVIL
5	PROVIDE AND COORDINATE CLEARANCES FOR PULL DOWN ATTIC STAIR ABOVE. REFER TO REFLECTED CEILING PLAN AND PROJECT MANUAL FOR ADDITIONAL INFORMATION
6	REFER TO FOOD SERVICE DRAWINGS FOR ALL KITCHEN EQUIPMENT AND EQUIPMENT LAYOUTS.

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Drawing Title:
MAIN LEVEL FLOOR PLAN

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Drawn By: C. NARDI
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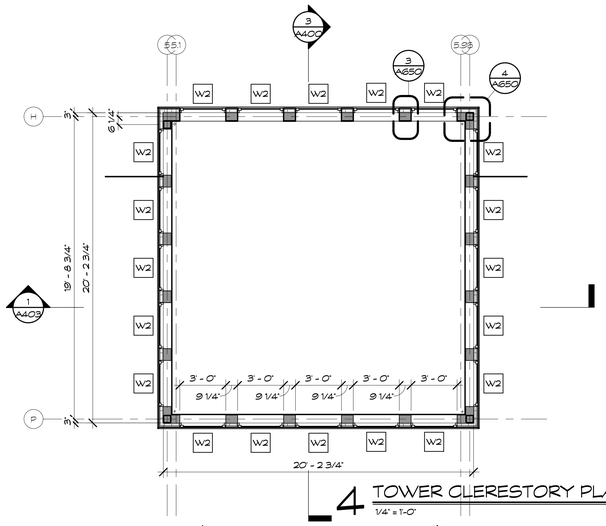
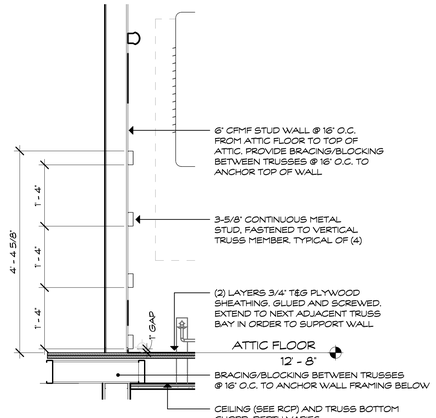
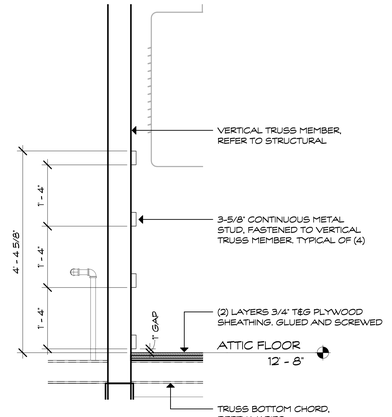
Drawing Number: A110



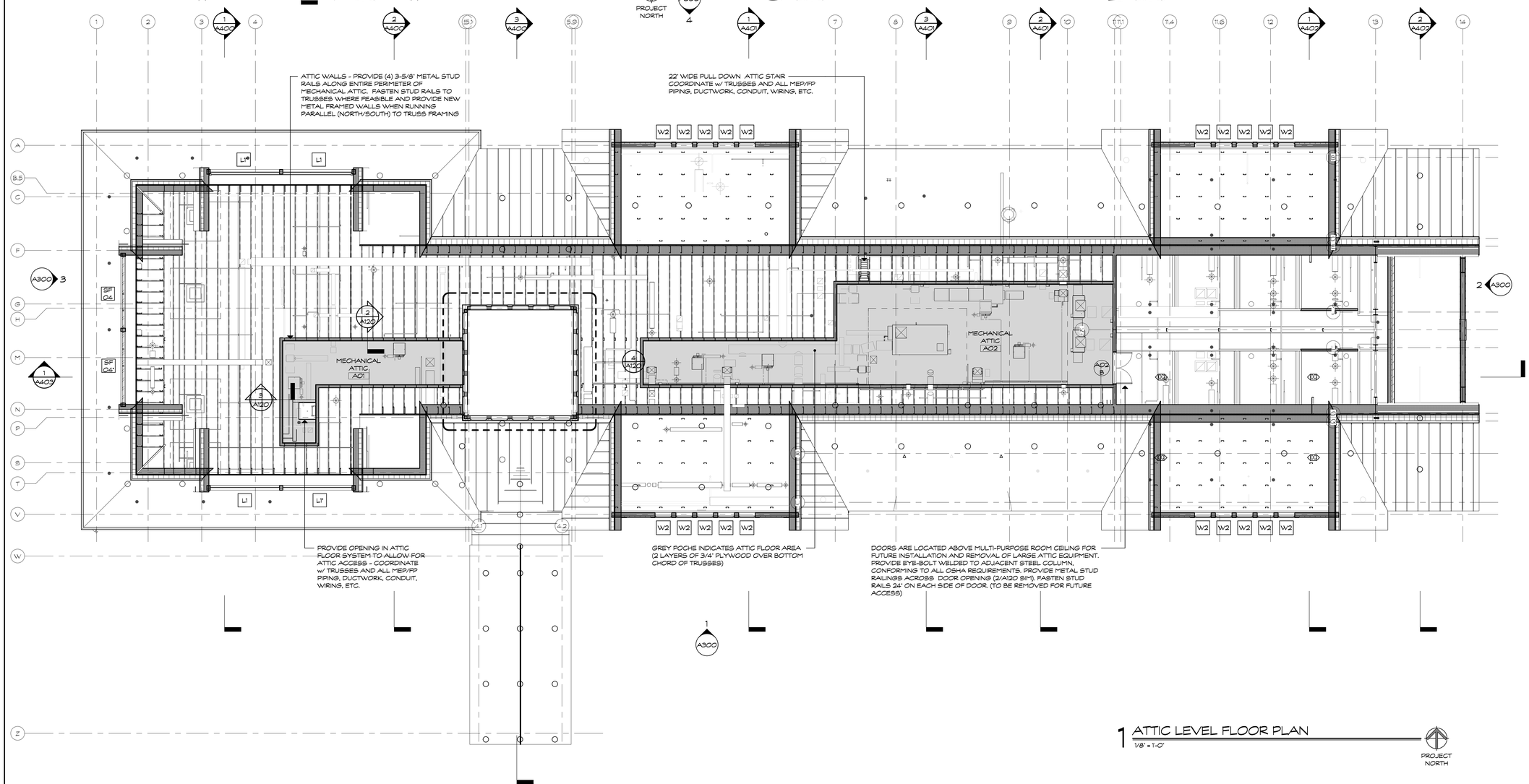
4 TOWER CLERESTORY PLAN
1/4" = 1'-0"



3 ATTIC GUARD RAILS AT FRAMED WALL
3/4" = 1'-0"



2 ATTIC GUARD RAILS AT TRUSS WALL
3/4" = 1'-0"



1 ATTIC LEVEL FLOOR PLAN
1/8" = 1'-0"

PROJECT NORTH

SYMBOL LEGEND

- NEW METAL STUD PARTITIONS
- NEW MASONRY WALL
- NEW CMU WALL
- 101 A — DOOR NUMBER
- 1 — WINDOW TYPE
- Room name 101 — ROOM NAME / ROOM NUMBER
- E3.0 — PARTITION TYPE
- X — CONSTRUCTION NOTE
- 2 A101 — EXTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 A101 — INTERIOR ELEVATION NUMBER / SHEET NUMBER
- 2 A101 — BUILDING SECTION NUMBER / SHEET NUMBER
- 2 A101 — WALL SECTION NUMBER / SHEET NUMBER
- F.E.C. — RECESSED FIRE EXTINGUISHER CABINET (TYPICAL OF 4)
- H.D.F. — HANDICAPPED DRINKING FOUNTAIN

GENERAL NOTES

1. READ ALL GENERAL NOTES ON DRAWING G001.
2. CONTRACTORS SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS.
3. ALL DIMENSIONS ARE TO OUTSIDE FACE OF BRICK, CONCRETE AND METAL FRAMING (OUTSIDE FACE OR CENTERLINE) UNLESS OTHERWISE NOTED.
4. ALL NEW INTERIOR WALL ASSEMBLIES SHALL EXTEND TO UNDERSIDE TRUSS BOTTOM CHORD UNLESS OTHERWISE NOTED
5. ALL EXTERIOR WALL FRAMING SHALL BE 6" CFMF STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD INTERIOR FINISH (FTD). REFER TO WALL SECTIONS AND SECTION DETAILS FOR ADDITIONAL INFORMATION.

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ATTIC LEVEL FLOOR PLAN

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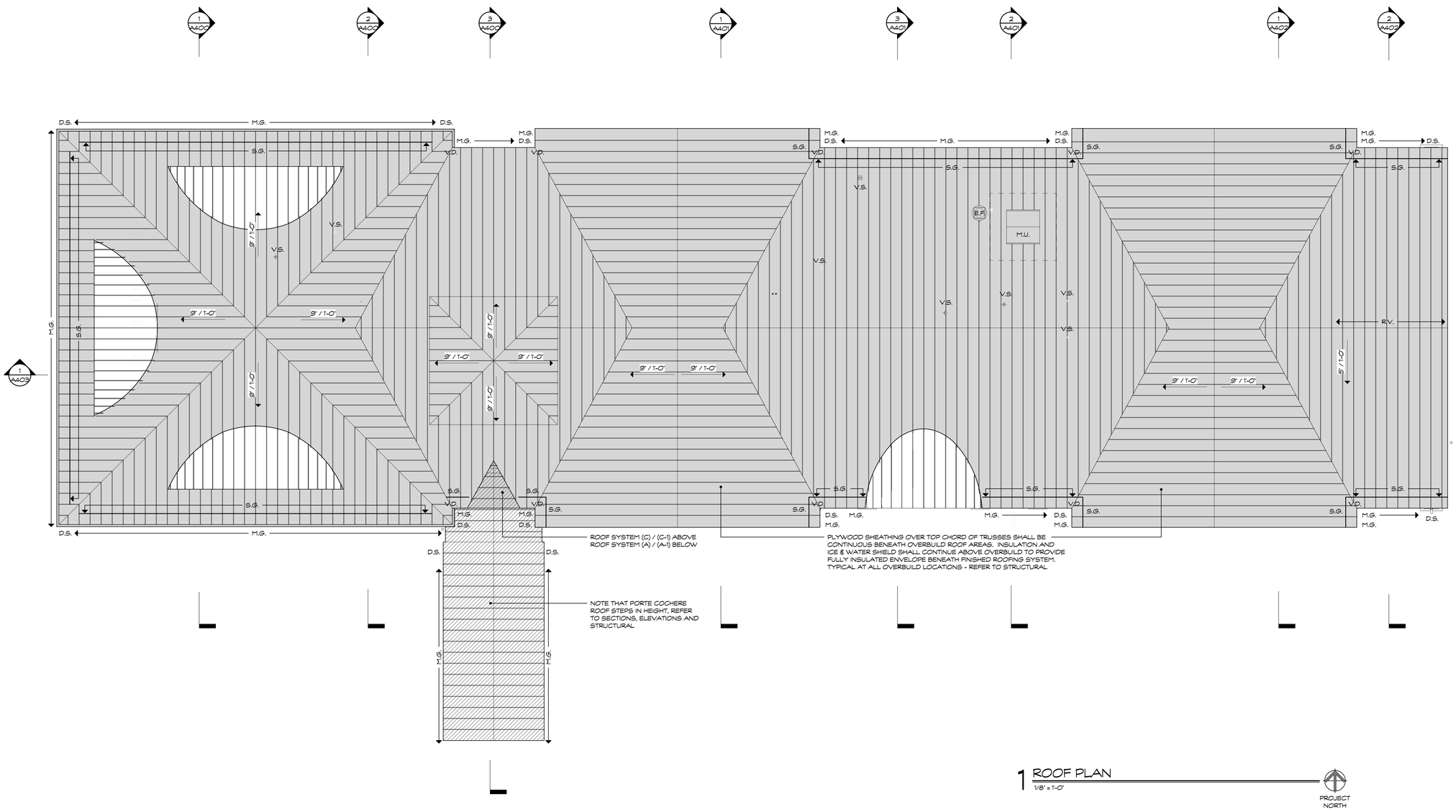
Project Number: 20.003

Drawing Number: A120



1 ROOF PLAN
1/8" = 1'-0"

PROJECT NORTH

ROOF LEGEND

- X / XX - PLAN, SEC., DETAIL OR ELEV. NUMBER / SHEET NUMBER
- @ 12" 5" SLOPE → - ROOF SLOPE AND DIRECTION
- - CRICKET
- M.G. - 7" PRE-FINISHED ALUMINUM BOX GUTTER
- R.V. - RIDGE VENT - SEE 1/A155
- H.P. - INDICATES HIGH POINT OF GUTTER
- V.S. -VENT STACK OR EXHAUST - COORDINATE LOCATION TO BE POSITION CENTERED BETWEEN STANDING SEAM ROOF RIBS AND SO THAT HEIGHT OF PIPE TERMINATION IS BELOW RIDGE LINE. TYPICAL OF ALL - SEE 4/A155
- E.F./M.U. - EXHAUST VENT / MECHANICAL UNIT - SEE 5/A155
- D.S. - 3 x 4 ALUMINUM DOWNSPOUT - PROVIDE CAST IRON BOOT TRANSITION FROM DOWN SPOUT TO UNDERGROUND PIPING SYSTEM. FACTORY PRIMED AND FIELD PAINTED (J.R. HOE DOWNSPOUT BOOTS - O-3424A - OR EQUAL) COORDINATE w/ CIVIL DRAINS BELOW GRADE
- S.G. - SNOW GUARD FENCE, SEE 6/A155 ONLY INSTALLED UNDER BASE BID, REMOVE IN ENTIRETY FOR BID ALTERNATE
- V.D. - VALLEY DIVERTER - PROVIDE PRE-FINISHED ALUM. DIVERTERS AT ALL VALLEYS. CONTRACTOR TO DETAIL IN SHOP DRAWINGS
- ROOF SYSTEM (A) BASE BID / ROOF SYSTEM (A-1) BID ALTERNATE
- ROOF SYSTEM (B) BASE BID / ROOF SYSTEM (B-1) BID ALTERNATE
- ROOF SYSTEM (C) BASE BID / ROOF SYSTEM (C-1) BID ALTERNATE

ROOF GENERAL CONSTRUCTION NOTES

1. FIELD VERIFY ALL DIMENSIONS @ EACH ROOF PRIOR TO BID.
2. ALL WOOD BLOCKING (P.T.), PLYWOOD & NAILERS ARE TO BE PRESSURE TREATED (P.T.)
3. ALL WOOD BLOCKING (P.T.) INDICATED IN DETAILS ARE TO BE ANCHORED TO THE STRUCTURE
4. CONTRACTOR TO INSPECT THE UNDERSIDE OF ALL ROOFS PRIOR TO ROOFING OPERATIONS TO INSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE DAMAGED
5. REFER TO SHEET A155 FOR TYPICAL ROOF DETAILS INCLUDING RIDGE/HIP CAPS (NON VENTED) AND VALLEY FLASHINGS.

CODE INFORMATION (2015 IEBC)

PRIMARY USE GROUP: A-2/A-3

CONSTRUCTION CLASS: VB

ROOF ASSEMBLY & R-VALUE

IBC CODE REQUIREMENT R-VALUE - R-30

ROOF SYSTEM (A):

STRUCTURAL FRAMING OR TRUSS
5/8" PLYWOOD SHEATHING
FLUID APPLIED AIR BARRIER
4.5" RIGID INSULATION
5/8" PLYWOOD SHEATHING
ICE & WATER SHIELD
.040 PRE-FINISHED ALUMINUM STANDING SEAM ROOF SYSTEM
(2 DIFFERENT COLORS, MAIN ROOF AND LOBBY TOWER)

ROOF SYSTEM (A-1): REFER TO BID ALTERNATE

STRUCTURAL FRAMING OR TRUSS
5/8" PLYWOOD SHEATHING
FLUID APPLIED AIR BARRIER
4.5" RIGID INSULATION
1" AIR SPACE w/ WOOD BLOCKING AT 12" O.C. BOTH DIRECTIONS
5/8" PLYWOOD SHEATHING
ICE & WATER SHIELD
ARCHITECTURAL ASPHALT SHINGLES

ROOF SYSTEM (B)

STRUCTURAL FRAMING
3/8" + 1/4" BENDABLE PLYWOOD SHEATHING
FLUID APPLIED AIR BARRIER
4.5" RIGID INSULATION
3/8" + 1/4" BENDABLE PLYWOOD SHEATHING
ICE & WATER SHIELD
.040 PRE-FINISHED ALUMINUM STANDING SEAM ROOF SYSTEM

ROOF SYSTEM (B-1) REFER TO BID ALTERNATE

STRUCTURAL FRAMING
3/8" + 1/4" BENDABLE PLYWOOD SHEATHING
FLUID APPLIED AIR BARRIER
4.5" RIGID INSULATION
3/8" + 1/4" BENDABLE PLYWOOD SHEATHING
ICE & WATER SHIELD
.040 PRE-FINISHED ALUMINUM STANDING SEAM ROOF SYSTEM

ROOF SYSTEM (C):

TIMBER TRUSS (REFER TO STRUCTURAL)
3 x 8 T&G DECKING (REFER TO STRUCTURAL)
ICE & WATER SHIELD
.040 PRE-FINISHED ALUMINUM STANDING SEAM ROOF SYSTEM

ROOF SYSTEM (C-1):

TIMBER TRUSS (REFER TO STRUCTURAL)
3 x 8 T&G DECKING (REFER TO STRUCTURAL)
ICE & WATER SHIELD
ARCHITECTURAL ASPHALT SHINGLES

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Drawing Title: ROOF PLAN

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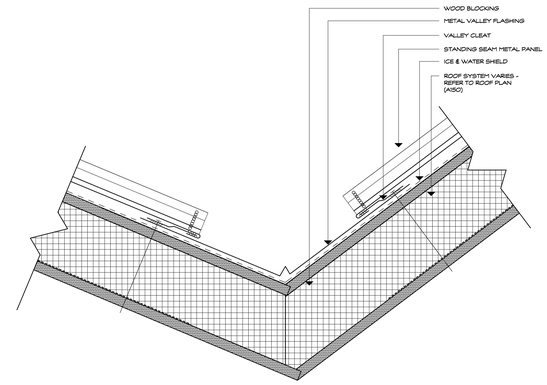
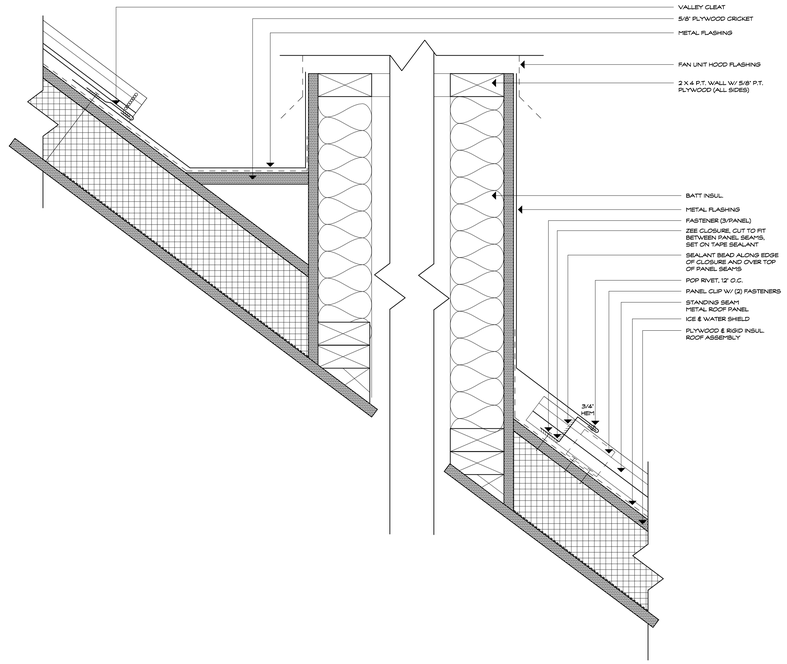
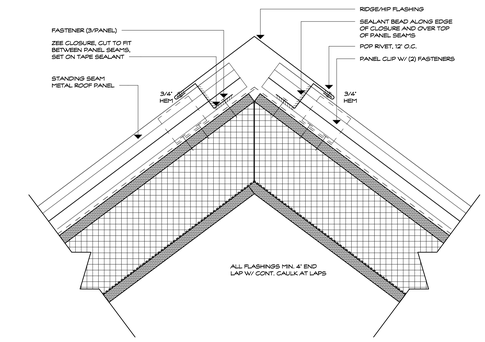


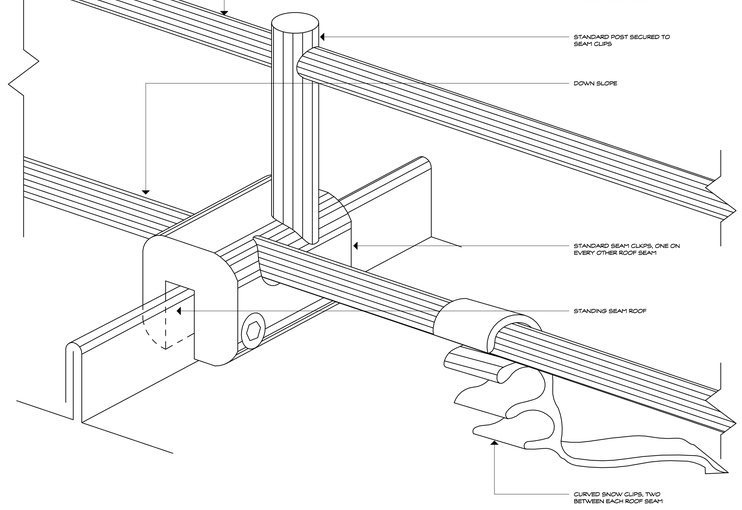
3 VALLEY FLASHING DETAIL
3" = 1'-0"



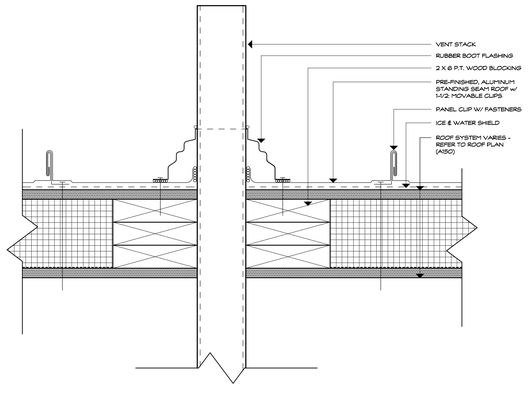
5 FAN CURB DETAIL
3" = 1'-0"



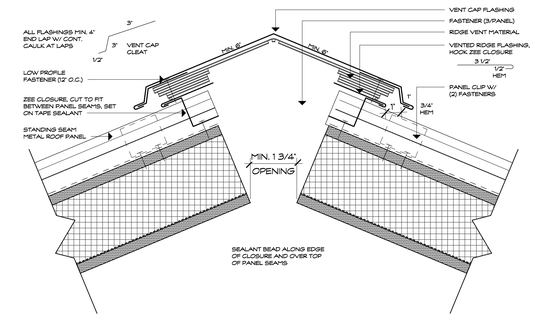
2 FIXED RIDGE/HIP DETAIL
3" = 1'-0"



6 SNOW FENCE TYP. DETAIL
3" = 1'-0"



4 VENT STACK DETAIL
3" = 1'-0"



1 VENTED RIDGE CAP DETAIL
3" = 1'-0"

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
TYPICAL ROOF DETAILS
(BASE BID)

Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: Author
Project Number: 20.003

Drawing Number:
A155

GENERAL TOILET ROOM NOTES

1. ALL EXPOSED PIPING AT LAVS TO BE CONCEALED WITH LAV SHIELD. SEE PROJECT MANUAL FOR INFORMATION.

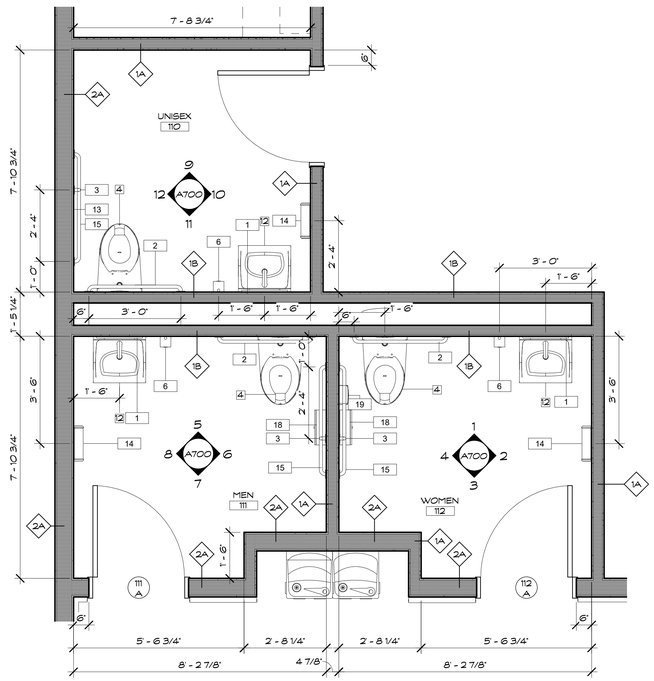
2. PROVIDE CONCEALED BLOCKING FOR ALL WALL MOUNTED ACCESSORIES, INCLUDING BUT NOT LIMITED TO GRAB BARS, TISSUE DISPENSERS, SOAP DISPENSERS, HAND DRYERS & MIRRORS. ADDITIONALLY, PROVIDING BLOCKING IN WALL FOR ADDITION OF FUTURE PAPER TOWEL DISPENSERS - COORDINATE FINAL LOCATION IN FIELD w/ OWNER AND ARCHITECT.

3. ALL DIMENSIONS ON DRAWING A160 ARE TAKEN FROM FINISH FACE OF WALL.

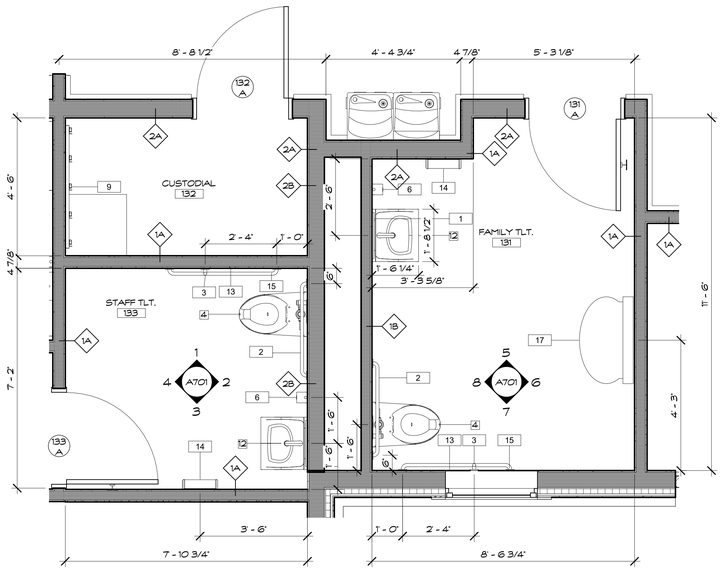
4. REFER TO ELEVATIONS FOR MOUNTING HEIGHTS.

TOILET ACCESSORIES

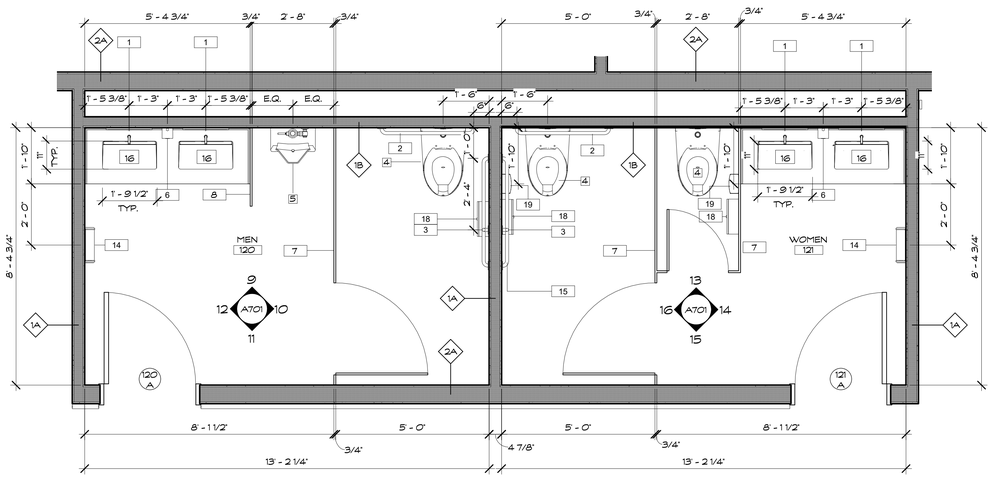
1	18" X 36" MIRROR (CENTER ON LAV)
2	36" HORIZ. GRAB BAR
3	18" VERT. GRAB BAR
4	WALL MOUNTED H.C. WATER CLOSET (18" TO TOP OF SEAT) (SEE PLUMBING DWGS)
5	WALL MOUNTED H.C. URINAL (17" TO RIM) (SEE PLUMBING. DWGS)
6	WALL MTD. HC SOAP DISPENSER
7	TOILET PARTITIONS, SEE PROJ. MAN. (INCLUDE HOOKS FOR STALLS)
8	URINAL SCREEN; SEE PROJ. MAN.
9	MOP & BROOM HOLDER (36" W / 3 HOLDERS)
10	LAVGUARD (SEE P. DWGS)
11	EMERGENCY CALL FOR AID (PULL CORD 12" A.F.F.) (SEE ELECTRICAL DWGS)
12	WALL MOUNTED LAV (REFER TO ELEVS FOR MOUNTING HEIGHT) (SEE PLUMBING DWGS)
13	RECESSED MOUNTED TOILET PAPER DISPENSER & SANITARY NAPKIN DISPOSAL
14	WALL MOUNTED ELECTRIC HAND DRYER
15	42" HORIZ. GRAB BAR
16	UNDERMOUNT SINK (SEE PLUMBING DWGS)
17	BABY CHANGING STATION
18	SURFACE MOUNTED TOILET PAPER DISPENSER
19	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL



ENLARGED PRIVATE TOILET ROOMS
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 1 / A160



ENLARGED FAMILY AND STAFF TOILET ROOMS
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 2 / A160



ENLARGED GANGED TOILET ROOMS
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 3 / A160

Project Title:
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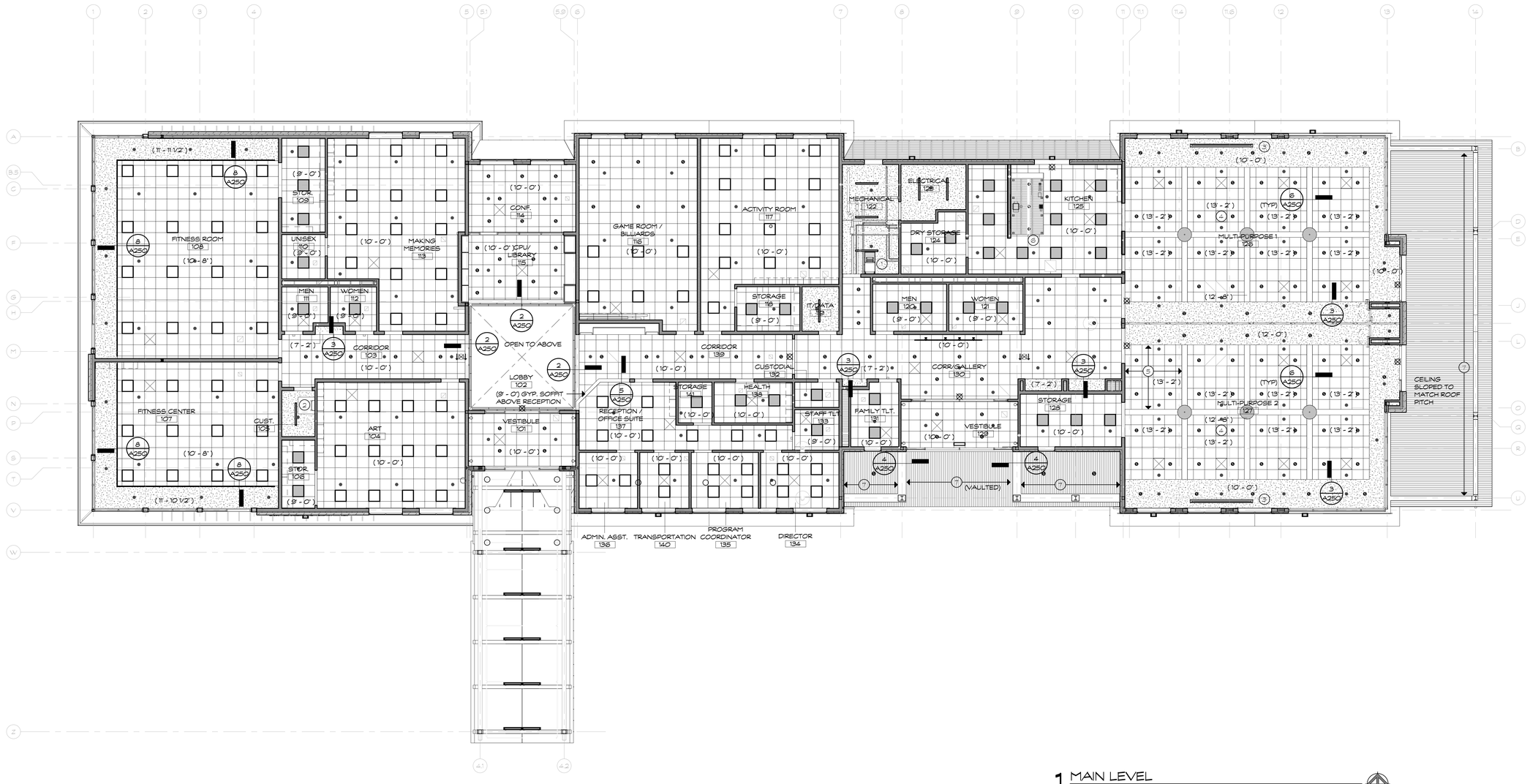
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
ENLARGED PLANS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003

Drawing Number: A160



1 MAIN LEVEL
1/8" = 1'-0"

PROJECT NORTH

RCP SYMBOL LEGEND

- Room name / 101 - ROOM NAME / ROOM NUMBER
- (10'-0") - CEILING HEIGHT
- 2' X 2' ACOUSTICAL CEILING TILES & GRID W/ SUPPORTS
- PAINTED GYPSUM BOARD CEILING
- EXIT SIGN, REFER TO ELECTRICAL DRAWINGS
- RECESSED LIGHT FIXTURES, REFER TO ELECTRICAL DRAWINGS
- 2' X 2' LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- PENDENT STYLE LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- SUPPLY DIFFUSER, REFER TO MECHANICAL DRAWINGS
- RETURN DIFFUSER, REFER TO MECHANICAL DRAWINGS
- CONCEALED SPINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS
- EXPOSED SPINKLER HEAD, REFER TO FIRE PROTECTION DRAWINGS
- X - CONSTRUCTION NOTE
- X / Axxx - PLAN/SECTION/DETAIL NUMBER / SHEET NUMBER

CONSTRUCTION NOTES - RCP

1	22" WIDE PULL DOWN, ALUMINUM ATTIC ACCESS STAIR. COORDINATE LOCATION w/ TRUSSES AND MEP/FP PIPING, DUCTWORK, FIXTURES, CONDUIT, WIRING, ETC.
2	WALL MOUNTED LADDER TO MECHANICAL ATTIC ABOVE - PAINTED BLACK. PROVIDE 3' - 0" x 3' - 0" CLEAR OPENING IN GYPSUM CEILING AND STRUCTURE ABOVE. REFER TO CEILING DETAILS FOR ADDITIONAL INFORMATION
3	ELECTRIC, RECESSED PROJECTION SCREEN AND ENCLOSURE (TYPICAL OF 2), REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION
4	ELECTRIC, RECESSED PROJECTOR LIFT w/ PROJECTOR (TYPICAL OF 2). COORDINATE PROJECTOR THROW w/ PROJECTION SCREEN PRIOR TO SETTING FINAL LOCATION OF LIFT. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION
5	ABOVE CEILING SPACE IN THIS LOCATION SHALL REMAIN CLEAR OF ALL PIPING, DUCTWORK, CONDUIT, ETC., TO ALLOW FOR FUTURE REMOVAL OF CEILING GRID AND ACCESS TO MECHANICAL ATTIC DOOR ABOVE. COORDINATE w/ ALL M/E/P/FP TRADES
6	KITCHEN HOOD - SUPPORT FROM STRUCTURE ABOVE. REFER TO FOOD SERVICE DRAWINGS FOR SIZE AND INSTALLATION INSTRUCTIONS
7	1 x 4 CLEAR FINISH WESTERN RED CEDAR SOFFIT. PROVIDE WITH TONGUE AND GROOVE FLUSH JOINT.

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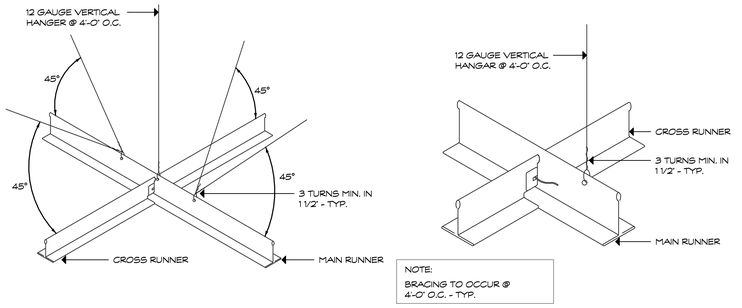
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

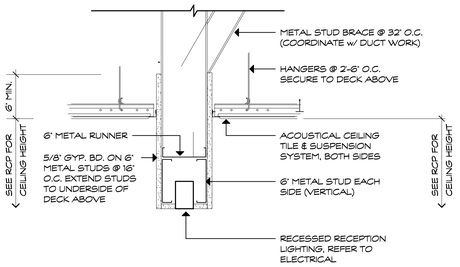
Drawing Title: MAIN LEVEL RCP

Date: SEPTEMBER 09, 2022
Scale: As Indicated
Drawn By: C. NARDI
Project Number: 20.003

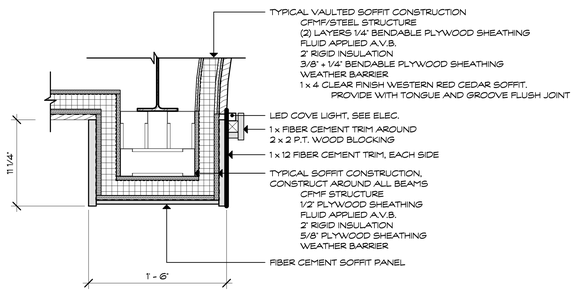
Drawing Number: A210



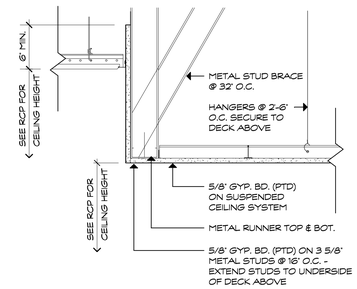
1 SEISMIC BRACING DETAIL
1 1/2" = 1'-0"



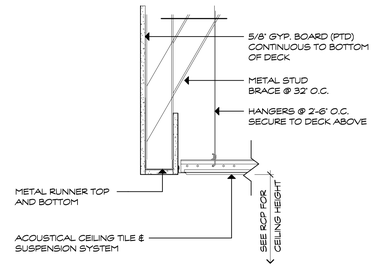
5 RECEPTION SOFFIT
1 1/2" = 1'-0"



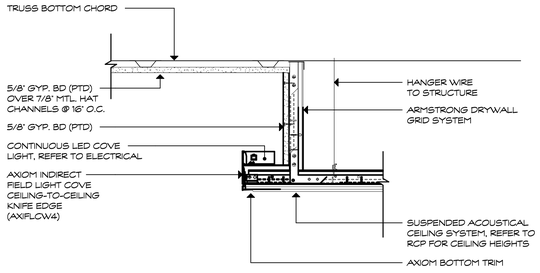
4 VAULTED SOFFIT LIGHT COVE
1 1/2" = 1'-0"



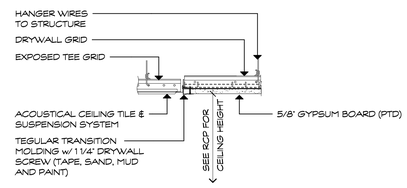
3 SOFFITED CEILING TRANSITION - ACT TO GYPSUM
1 1/2" = 1'-0"



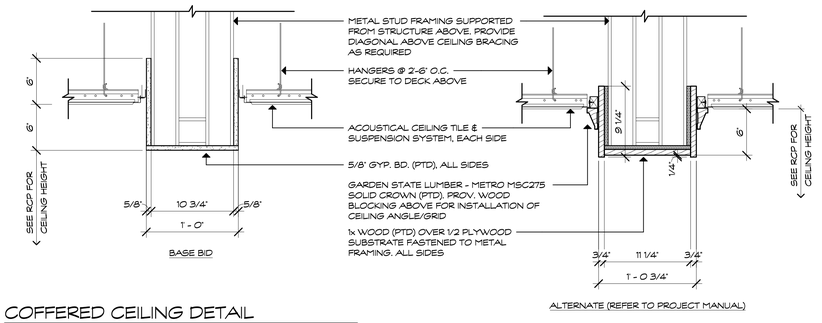
2 GYPSUM BOARD BULKHEAD
1 1/2" = 1'-0"



8 LIGHT COVE
1 1/2" = 1'-0"



7 SUSPENDED GYPSUM BOARD TO ACT FLUSH TRANSITION
1 1/2" = 1'-0"



6 COFFERED CEILING DETAIL
1 1/2" = 1'-0"

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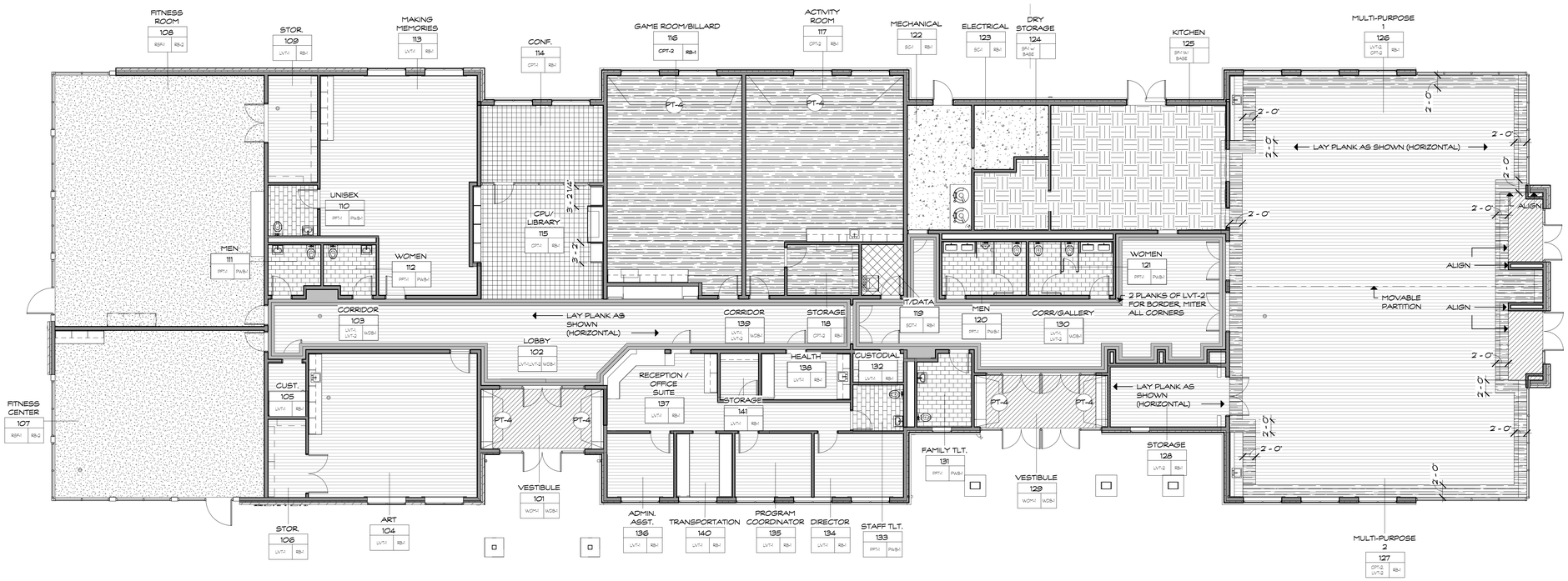
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
CEILING DETAILS

Date: SEPTEMBER 09, 2022
Scale: 1 1/2" = 1'-0"
Drawn By: Author
Project Number: 20.003

Drawing Number:
A250



MAIN LEVEL FLOOR PATTERN PLAN-FINAL — 2 / A260

SCALE: 1/8" = 1'-0" REFERENCE VIEW: 1 / "A2

FLOOR PATTERN LEGEND

- PFT-1
- CPT-2
- LVT-1
- SF-1
- LVT-2
- RSF-1
- SC-1
- WOM-1
- CPT-1
- SDT-1

GENERAL FINISH NOTES

1. REFER TO FINISH & FLOOR PATTERN PLANS AND ELEVATIONS FOR ACCENT PAINT LOCATIONS FOR VESTIBULE ENTRY .

2. PREPARE ALL SURFACES FOR MATERIAL TO BE APPLIED BASED ON MANUFACTURES GUIDELINE,TYP.

FLOOR TRANSITION NOTES

1.ALL LVT TO PFT REQUIRE TRANSITIONS STRIPS FTS-1 AT ALL TOILET ROOMS.

2. ALL LVT/ CPT TO SF REQUIRE TRANSITION FTS-2.

3. ALL RSF TO LVT REQUIRE TRANSITION FTS-3.

4. ALL WOM TO LVT REQUIRE TRANSITION FTS-4.

5. ALL LVT TO SC REQUIRE TRANSITION FTS-5.

REFER TO FLOOR TRANSITIONS FOR DETAILS.

FINISH SCHEDULE

No.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL FINISH	SOUTH WALL FINISH	EAST WALL FINISH	WEST WALL FINISH	CEILING FINISH	COMMENTS
101	VESTIBULE	WOM-1	WDB-1 & WDB-2	PT-1	PT-1	PT-4	PT-4	ACT-1	PT-4 ACCENT
102	LOBBY	LVT-1, LVT-2	WDB-1,& WDB-2	WC-1, PT-2	WC-1, PT-2	WC-1, PT-2	WC-1,PT-2	GWB, OPEN ABOVE	UPPER HALF WALLS WC-1, LOWER WALLS W/ WAINSCOT PT-2
103	CORRIDOR	LVT-1, LVT-2	WDB-1, & WDB-2	WC-1, PT-2	WC-1,PT-2	WC-1, PT-2	WC-1, PT-2	ACT-1	
104	ART	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
105	CUST.	LVT-1	RB-1	EP-3 , FRP-2	EP-3, FRP-2	EP-3, FRP-2	EP-3, FRP-2	GWB	UPPER HALF WALLS EP-3, LOWER WALLS W/ FRP-2
106	STOR.	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
107	FITNESS CENTER	RSF-1	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1, GWB	
108	FITNESS ROOM	RSF-1	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1, GWB	
109	STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
110	UNISEX	PFT-1	PWB-1	EP-1	FRP-1	EP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
111	MEN	PFT-1	PWB-1	FRP-1	EP-1	EP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP
112	WOMEN	PFT-1	PWB-1	FRP-1	EP-1	EP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
113	MAKING MEMORIES	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
114	CONF.	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1, GWB	
115	CPU/ LIBRARY	CPT-1	RB-1	PT-1	N/A	WC-1, PT-2 & FIREPLACE	WC-1, PT-2 & BOOKSHELVES	ACT-1	
116	GAME ROOM / BILLIARDS	CPT-2	RB-1	PT-4	PT-1	PT-1	PT-1	ACT-1	
117	ACTIVITY ROOM	CPT-2	RB-1	PT-4	PT-1	PT-1	PT-1	ACT-1	
118	STORAGE	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
119	IT/DATA	SDT-1	RB-1	PT-1	PT-1	PT-1	PT-1	GWB	
120	MEN	PFT-1	PWB-1	FRP-1	EP-1	EP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
121	WOMEN	PFT-1	PWB-1	FRP-1	EP-1	EP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
122	MECHANICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	GWB	
123	ELECTRICAL	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	GWB	
124	DRY STORAGE	SF-1		WP-1	WP-1	WP-1	WP-1	ACT-2	INTEGRATED BASE.
125	KICTHEN	SF-1		WP-1	WP-1	WP-1	WP-1	ACT-2	INTEGRATED BASE.
126	MULTI-PURPOSE 1	CPT-2,LVT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1, GWB	
127	MULTI-PURPOSE 2	CPT-2, LVT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1, GWB	
128	STORAGE	LVT-2	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
129	VESTIBULE	WOM-1	WDB-1 & WDB-2	PT-1	PT-1	PT-4	PT-4	ACT-1	PT-4 ACCENT
130	CORR/GALLERY	LVT-1, LVT-2	WDB-1 & WDB-2	WC-1, PT-2	WC-1, PT-2	WC-1, PT-2	WC-1, PT-2	ACT-1	UPPER HALF WALLS WC-1, LOWER WALLS W/ WAINSCOT PT-2
131	FAMILY TLT.	PFT-1	PWB-1	EP-1	EP-1	EP-1	FRP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
132	CUSTODIAL	LVT-1	RB-1	EP-3 , FRP-2	EP-3, FRP-2	EP-3, FRP-2	EP-3, FRP-2	ACT-1	UPPER HALF WALLS EP-3, LOWER WALLS W/ FRP-2
133	STAFF TLT.	PFT-1	PWB-1	EP-1	EP-1	FRP-1	EP-1	ACT-2	FULL HEIGHT FRP ON WET WALLS, TYP.
134	DIRECTOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
135	PROGRAM COORDINATOR	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
136	ADMIN. ASST.	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
137	RECEPTION / OFFICE SUITE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
139	CORRIDOR	LVT-1, LVT-2	WDB-1& WDB-2	WC-1, PT-2	WC-1, PT-2	WC-1, PT-2	WC-1, PT-2	ACT-1	UPPER HALF WALLS WC-1, LOWER WALLS W/ WAINSCOT PT-2
140	TRANSPORTATION	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	
141	STORAGE	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	

LEGEND

LVT = LUXURY VINYL TILE
CPT = CARPET TILE
PFT = PORCELAIN FLOOR TILE
SDT = STATIC DISSIPATIVE TILE
SF = SHEET FLOORING
RSF = RUBBER SPORTS FLOOR
SC = SEALED CONCRETE
WOM =WALK OFF MAT

PWB = PORCELAIN WALL BASE
RB = RESILIENT BASE
FTS = FLOOR TRANSITION STRIP
WDB =WOOD BASE

FRP = FIBER REINFORCED PLASTIC
WP = WALL PROTECTION
PT = PAINT
EP = EPOXY PAINT

GWB = GYPSUM WALL BOARD
ACT = ACOUSTIC CEILING TILE

SS = SOLID SURFACE
WDCW = WOOD CASEWORK
WDC = WOOD CHAR RAIL
WD = WAINSCOT/STILE

GENERAL NOTES

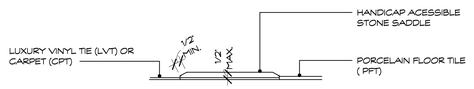
1. REFER TO FINISH & FLOOR PATTERN PLAN FOR ACCENT PAINT LOCATIONS.

2.REFER TO ELEVATIONS FOR REMAINING FINISHES.

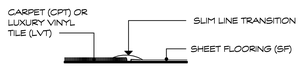
3. PREPARE ALL SURFACES FOR MATERIAL TO BE APPLIED BASED ON MANUFACTURERS GUIDELINES, TYP.

4. ALL DOOR FRAMES, WINDOW FRAMES & INTERIOR WINDOW SASH TO BE PAINTED W/ PT-2. ALL DOORS TO BE PAINTED W/ PT-5. WITH THE EXCEPTION OF ONLY PAINTING INTERIOR BATHROOM DOORS PT-2.

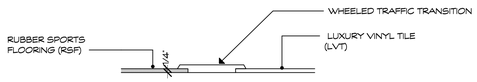
5. CONTRACTOR TO INSTALL A SINGLE PIECE. ADA COMPLIANT, SOLID MARBLE THRESHOLD AT ALL TOILET ROOMS (FTS-1).



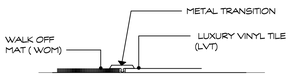
FTS-1



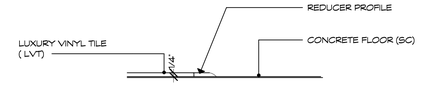
FTS-2



FTS-3



FTS-4



FTS-5

Project Title:
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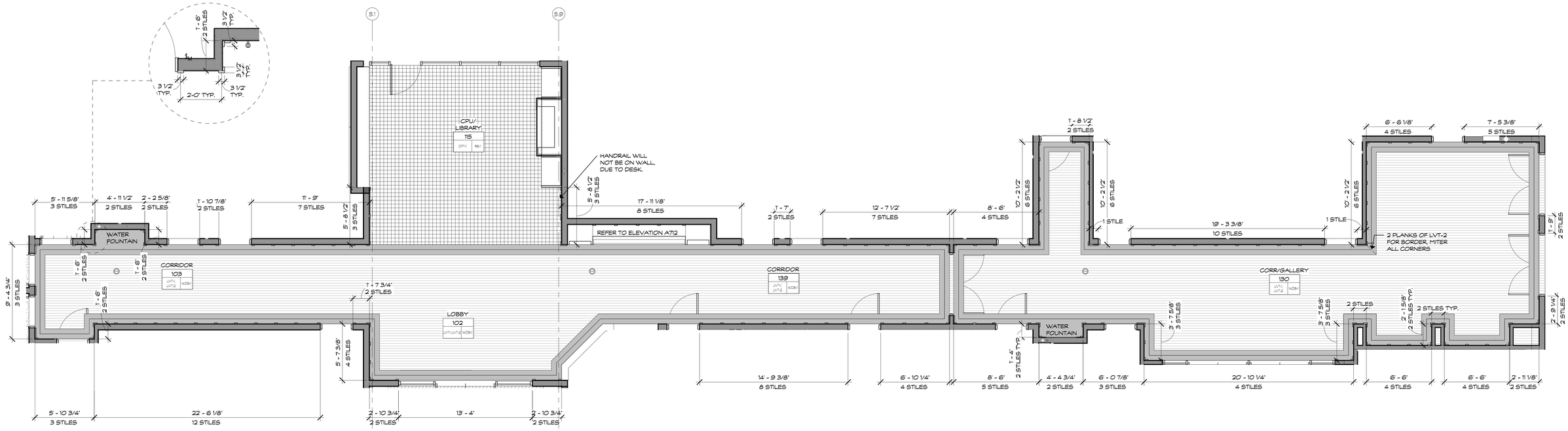
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
MAIN LEVEL FLOOR PATTERN & FINISH PLAN

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D
Project Number: 20.003
Drawing Number: A260



ENLARGED FLOOR PATTERN PLAN (1 / A280)

SCALE: 1/4" = 1'-0" REFERENCE VIEW: 1 / A2

GENERAL NOTES

1. CONTRACTOR TO INSTALL CONCEALED BLOCKING AT ALL LOCATIONS WHERE NEEDED TO SECURE CABINETS, COUNTERTOPS, SOAP, PAPER TOWEL DISPENSERS AND ALL NECESSARY ACCESSORIES.
2. REVIEW ENLARGED FLOOR PATTERN PLAN "A280 FOR ADVISED WAINSCOT STILE COUNT. 2'-0" TYP. DIMENSION VARIES BUT WILL NOT EXCEED 2'-8" SPACING. SPACE PANELS EQUALLY ON EACH WALL.
-ANY WALL SPACE LESS THAN 1'-4", PROVIDE SOLID WOOD STILE TO MATCH WIDTH OF REMAINING SPACE.

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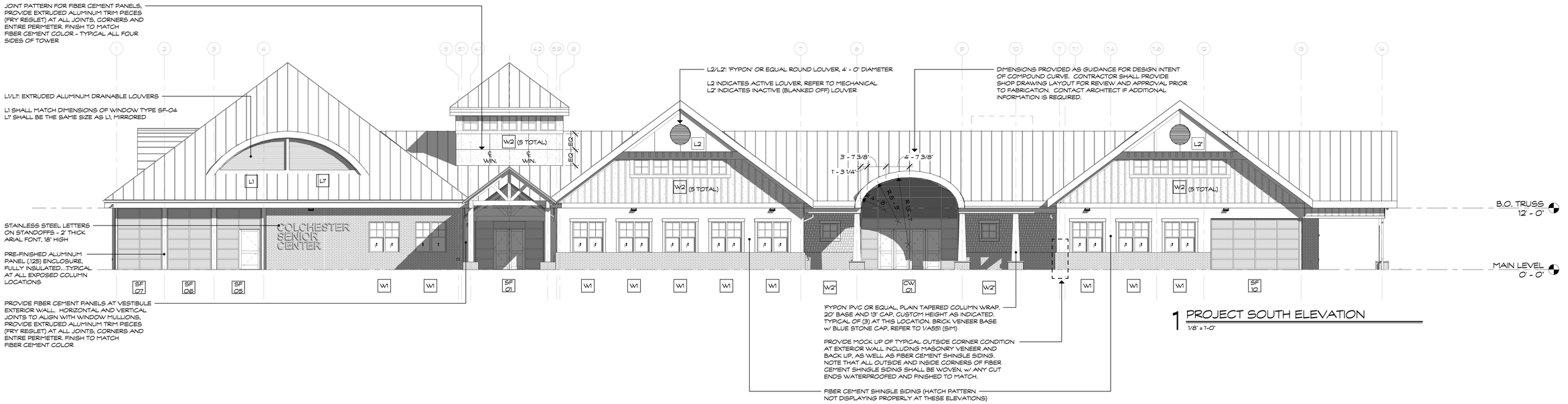
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

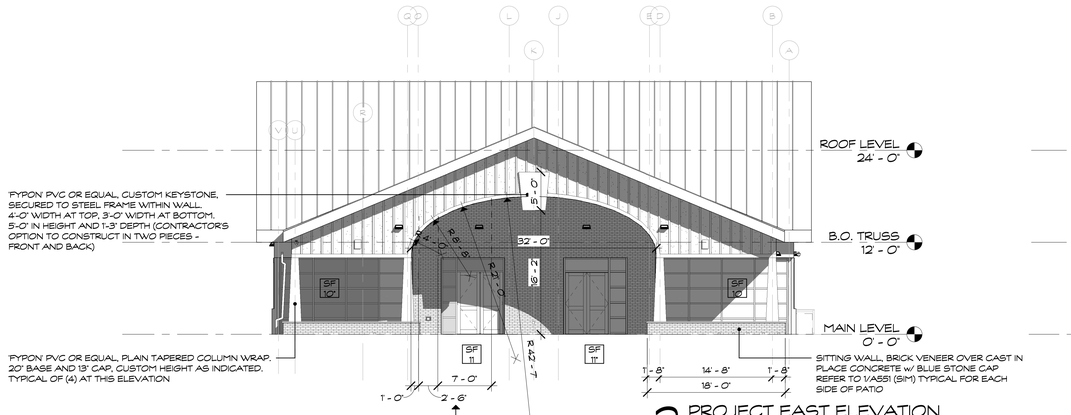
Drawing Title:
ENLARGED CORRIDOR FLOOR PATTERN PLAN W WAINSCOT PLACEMENT

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: Author
Project Number: 20.003

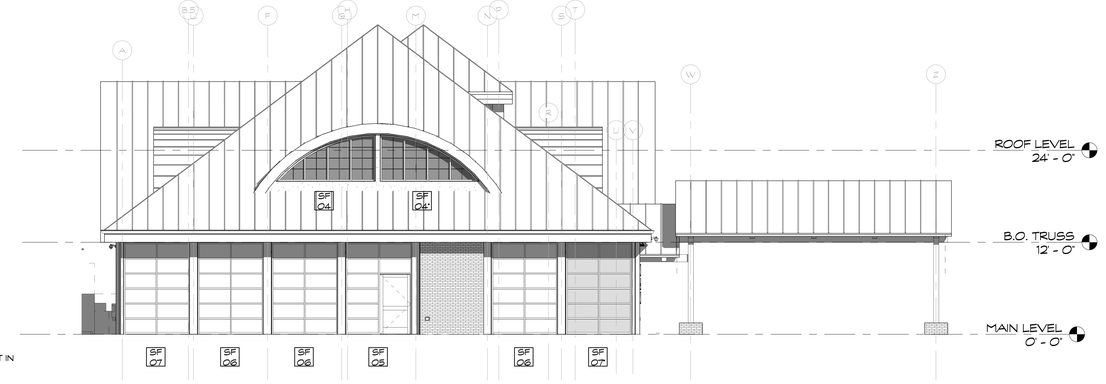
Drawing Number: A280



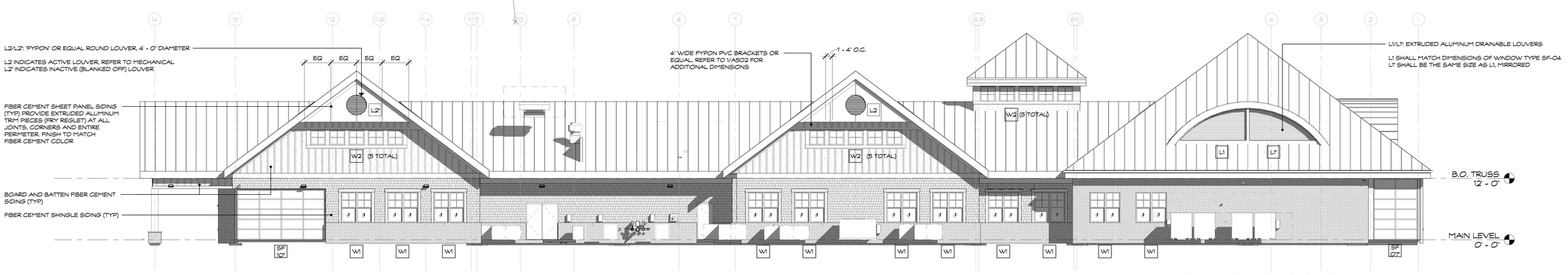
1 PROJECT SOUTH ELEVATION
1/8" = 1'-0"



2 PROJECT EAST ELEVATION
1/8" = 1'-0"



3 PROJECT WEST ELEVATION
1/8" = 1'-0"



4 PROJECT NORTH ELEVATION
1/8" = 1'-0"

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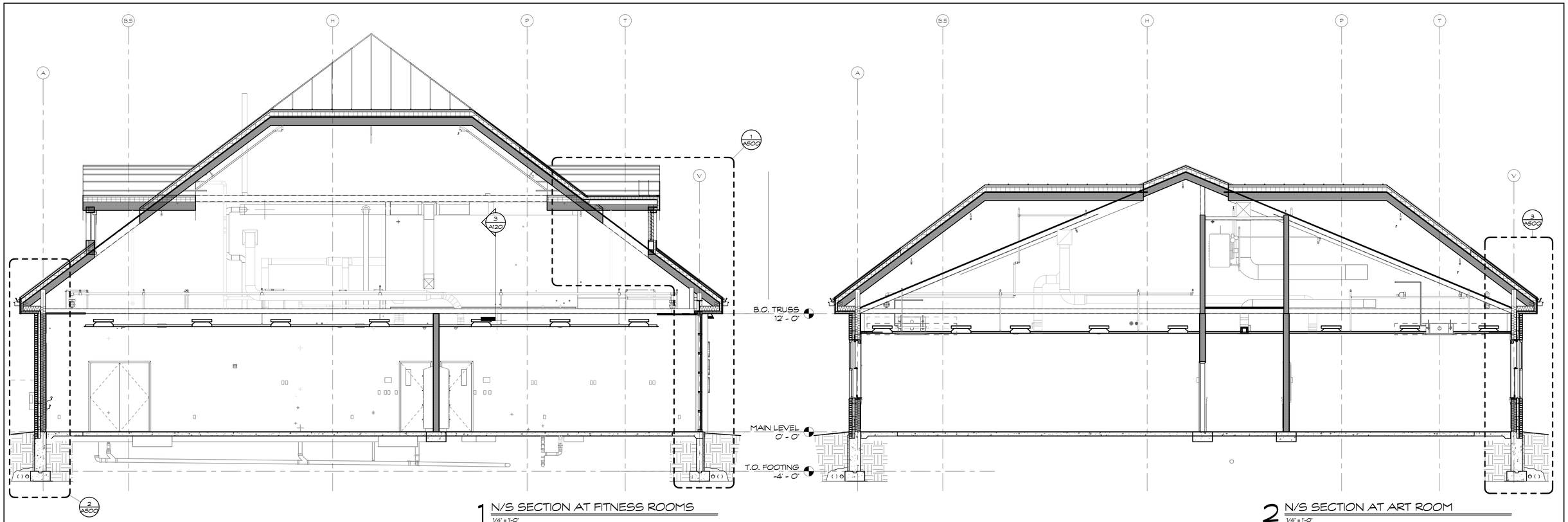
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
EXTERIOR ELEVATIONS

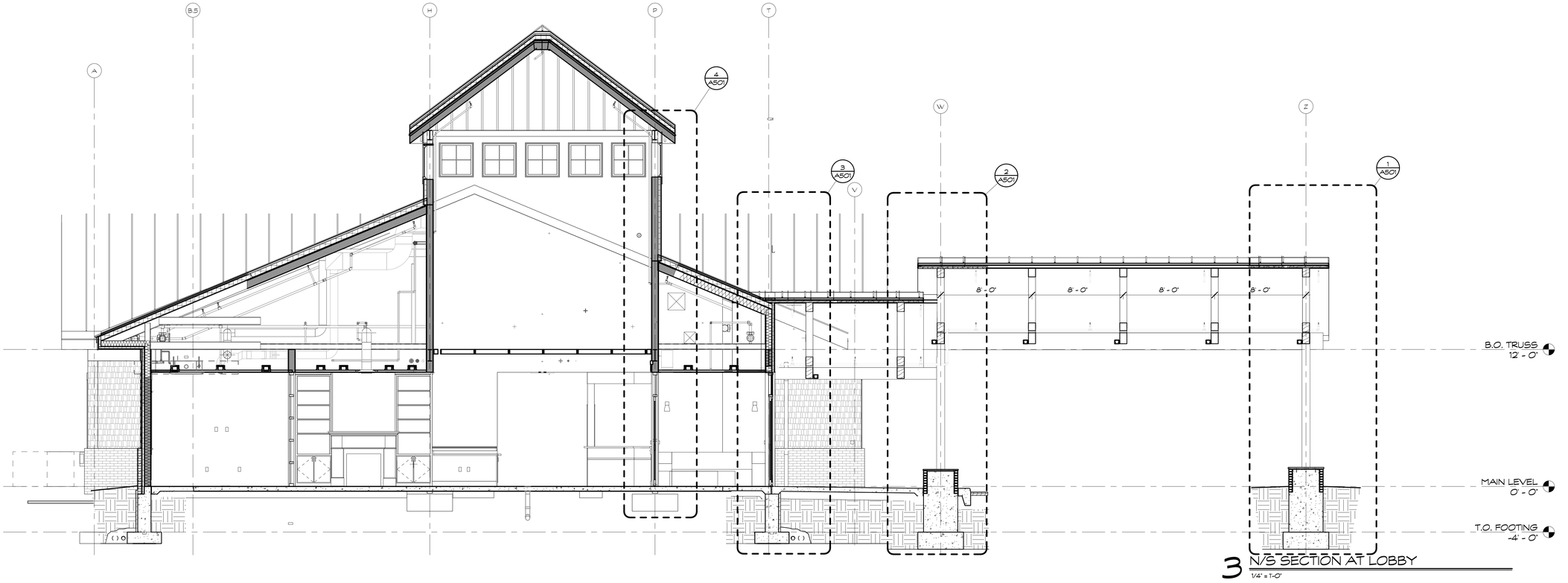
Date: SEPTEMBER 09, 2022
Scale: 1/8" = 1'-0"
Drawn By: Author
Project Number: 20.003

Drawing Number:
A300



1 N/S SECTION AT FITNESS ROOMS
1/4" = 1'-0"

2 N/S SECTION AT ART ROOM
1/4" = 1'-0"



3 N/S SECTION AT LOBBY
1/4" = 1'-0"

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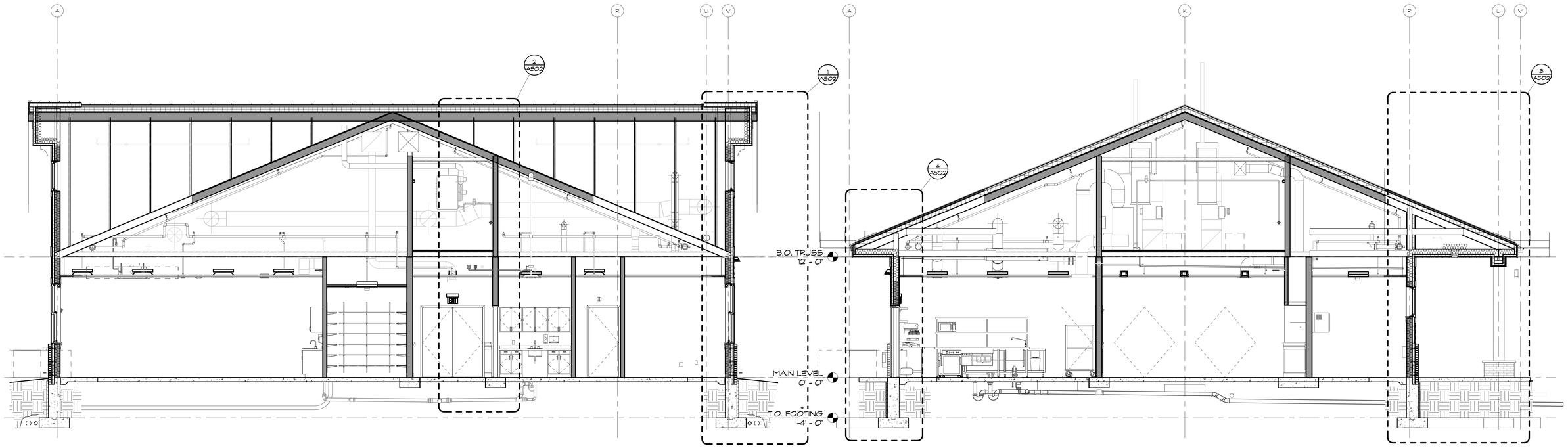
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
BUILDING SECTIONS

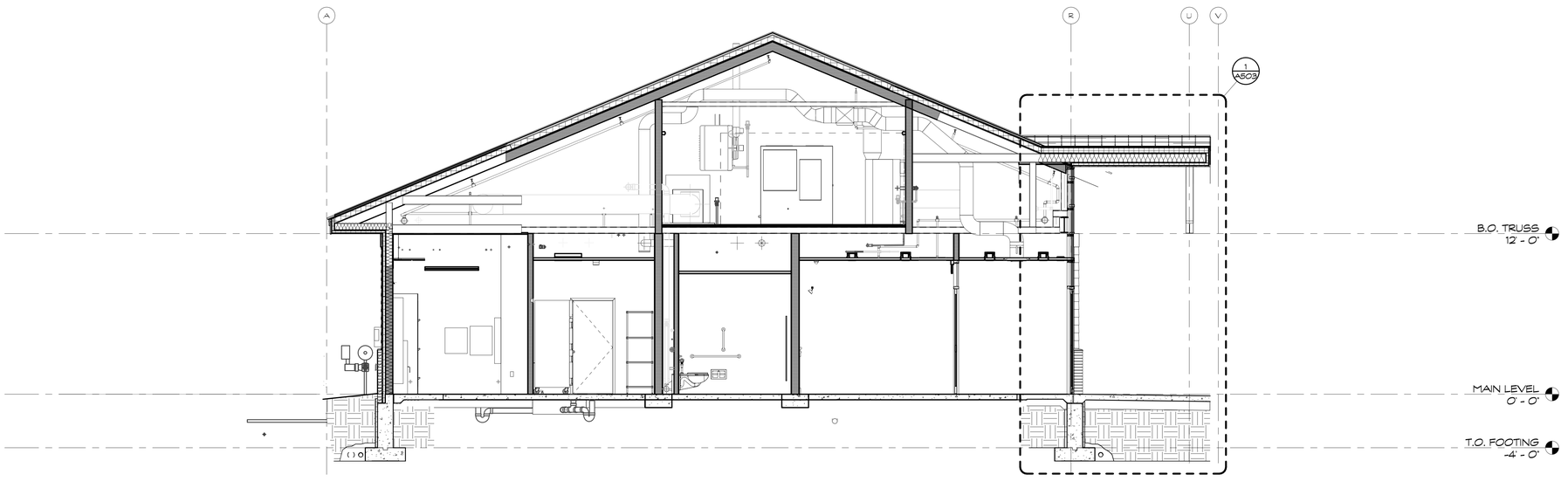
Date: SEPTEMBER 09, 2022
Scale: 1/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

Drawing Number:
A400



1 N/S SECTION AT ACTIVITY ROOM/OFFICE
1/4" = 1'-0"

2 N/S SECTION AT KITCHEN
1/4" = 1'-0"



3 N/S SECTION AT VESTIBULE 129
1/4" = 1'-0"

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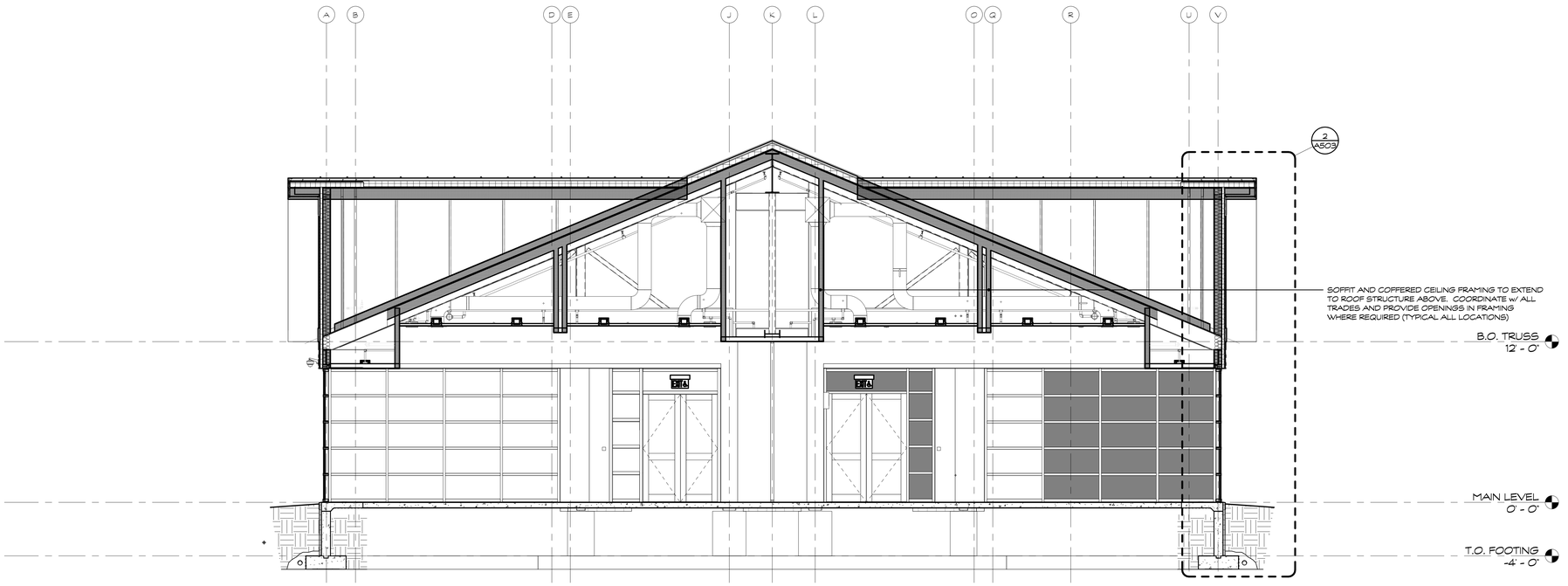
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

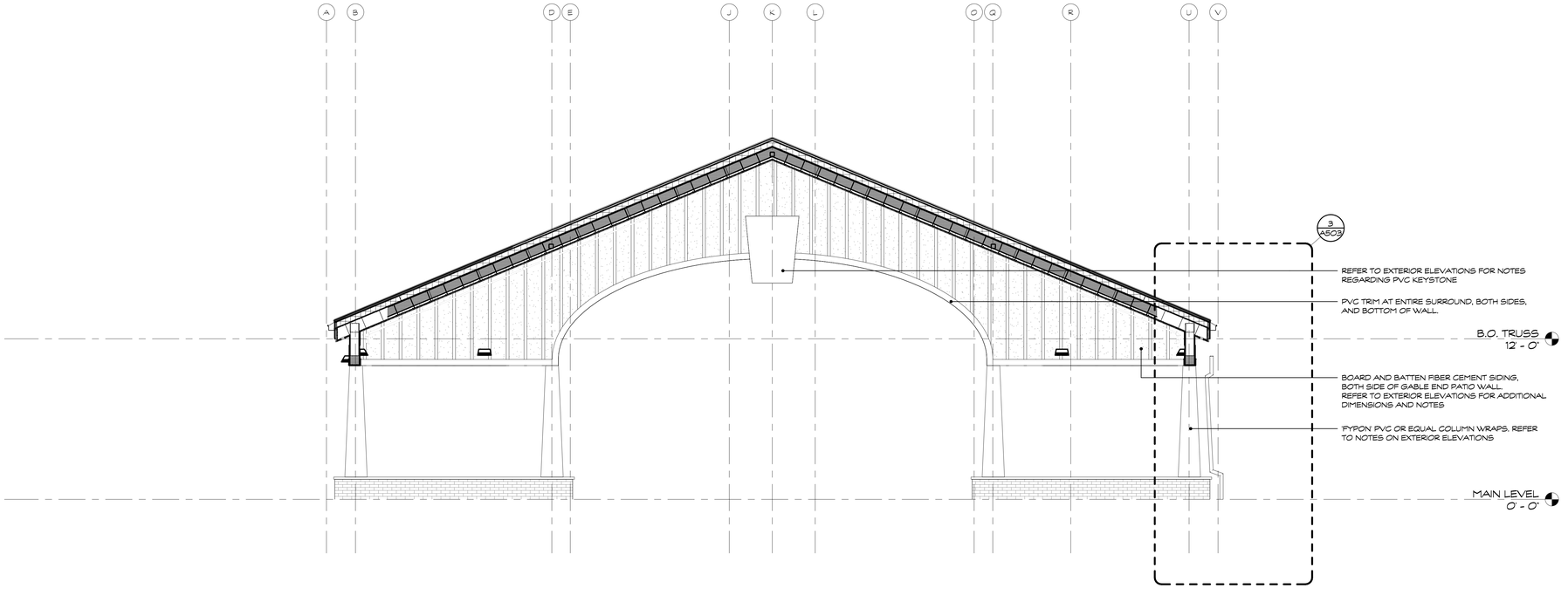
Drawing Title:
BUILDING SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 1/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

Drawing Number: A401



1 N/S SECTION AT MULTIPURPOSE
1/4" = 1'-0"



2 N/S SECTION AT COVERED PATIO
1/4" = 1'-0"

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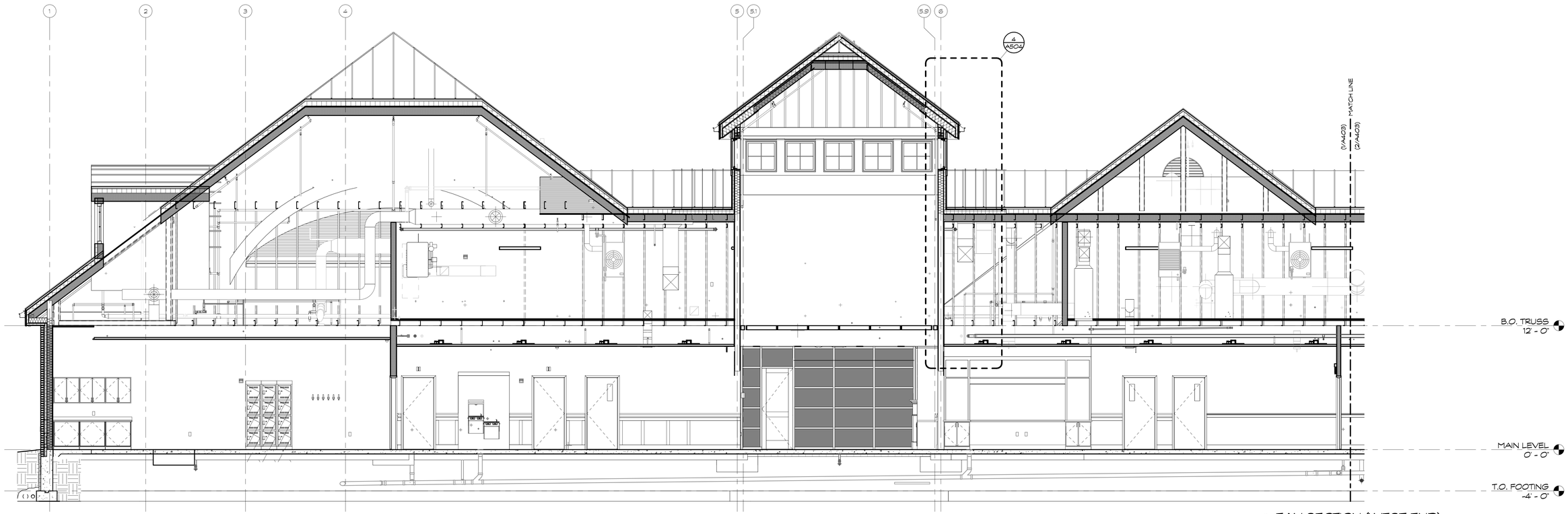
	ISSUED FOR BID	09/09/2022	

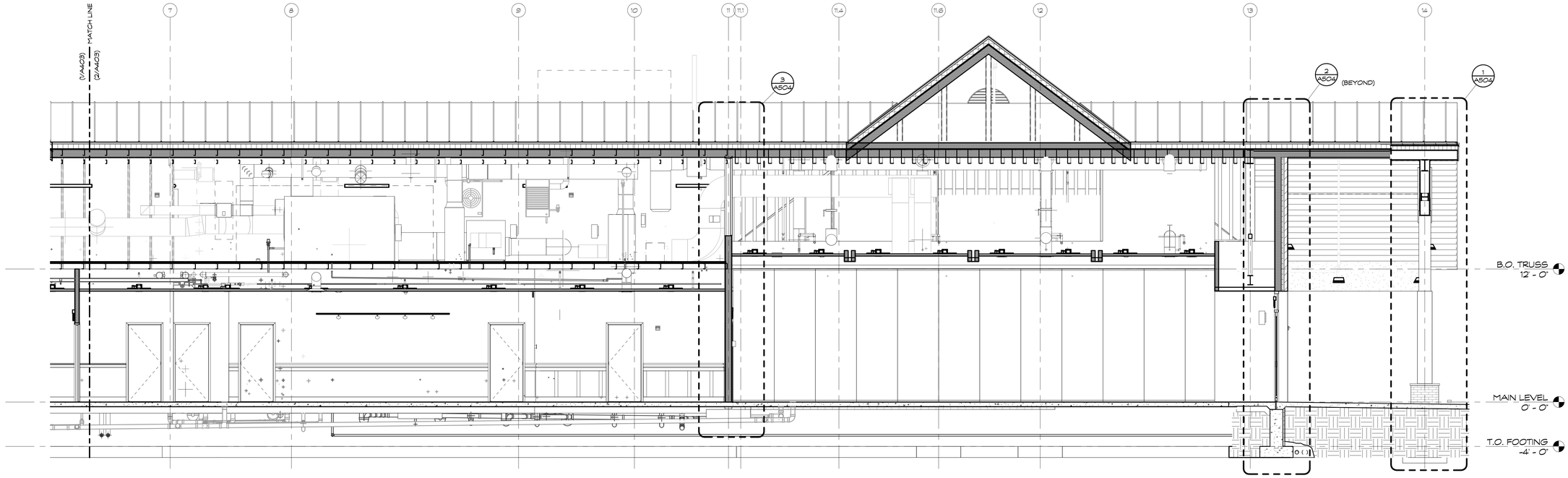
Drawing Title:
BUILDING SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 1/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

Drawing Number:
A402



1 E/W SECTION (WEST END)
1/4" = 1'-0"



2 E/W SECTION (EAST END)
1/4" = 1'-0"

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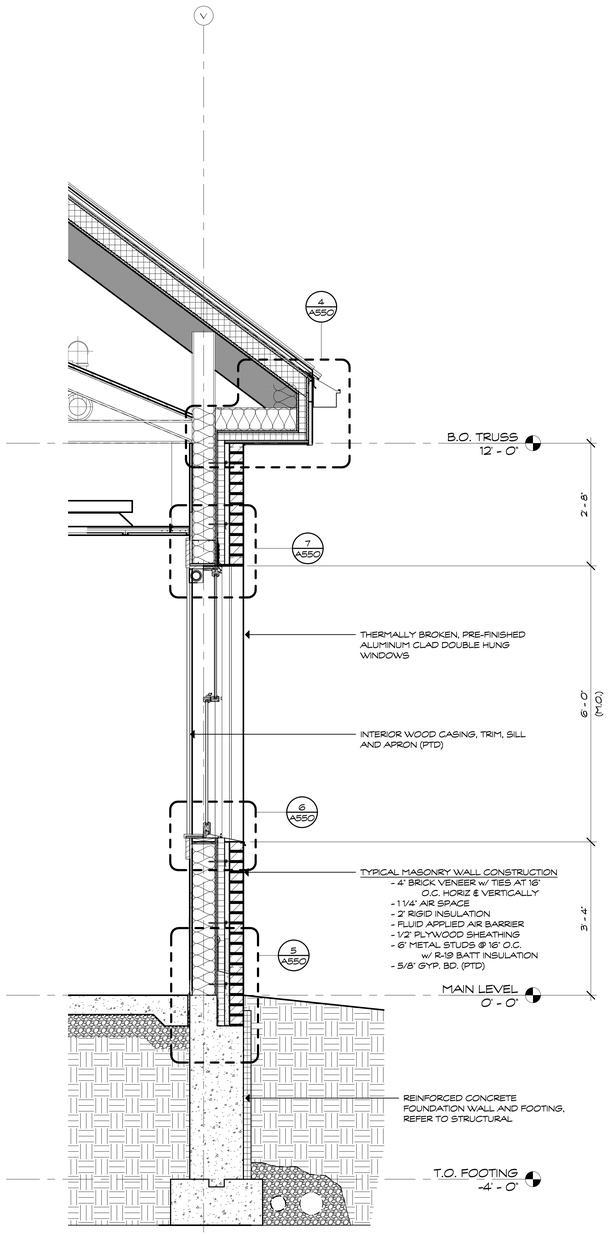
	ISSUED FOR BID	09/09/2022	

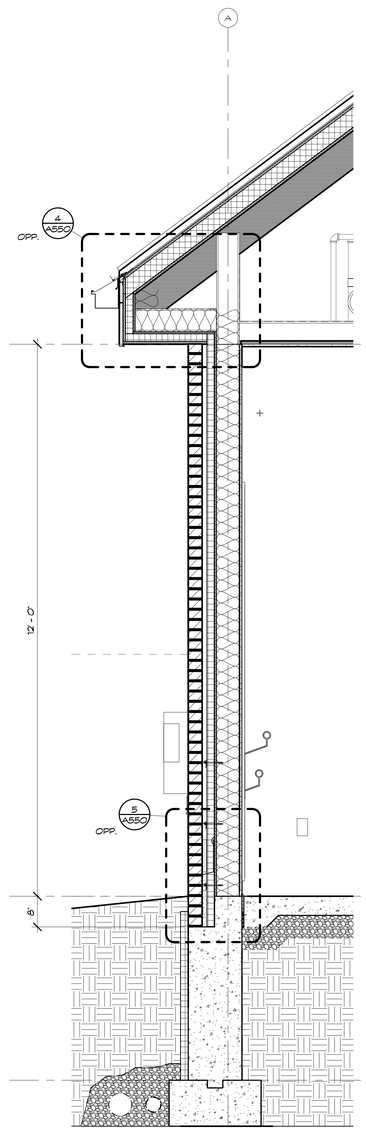
Drawing Title:
BUILDING SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 1/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

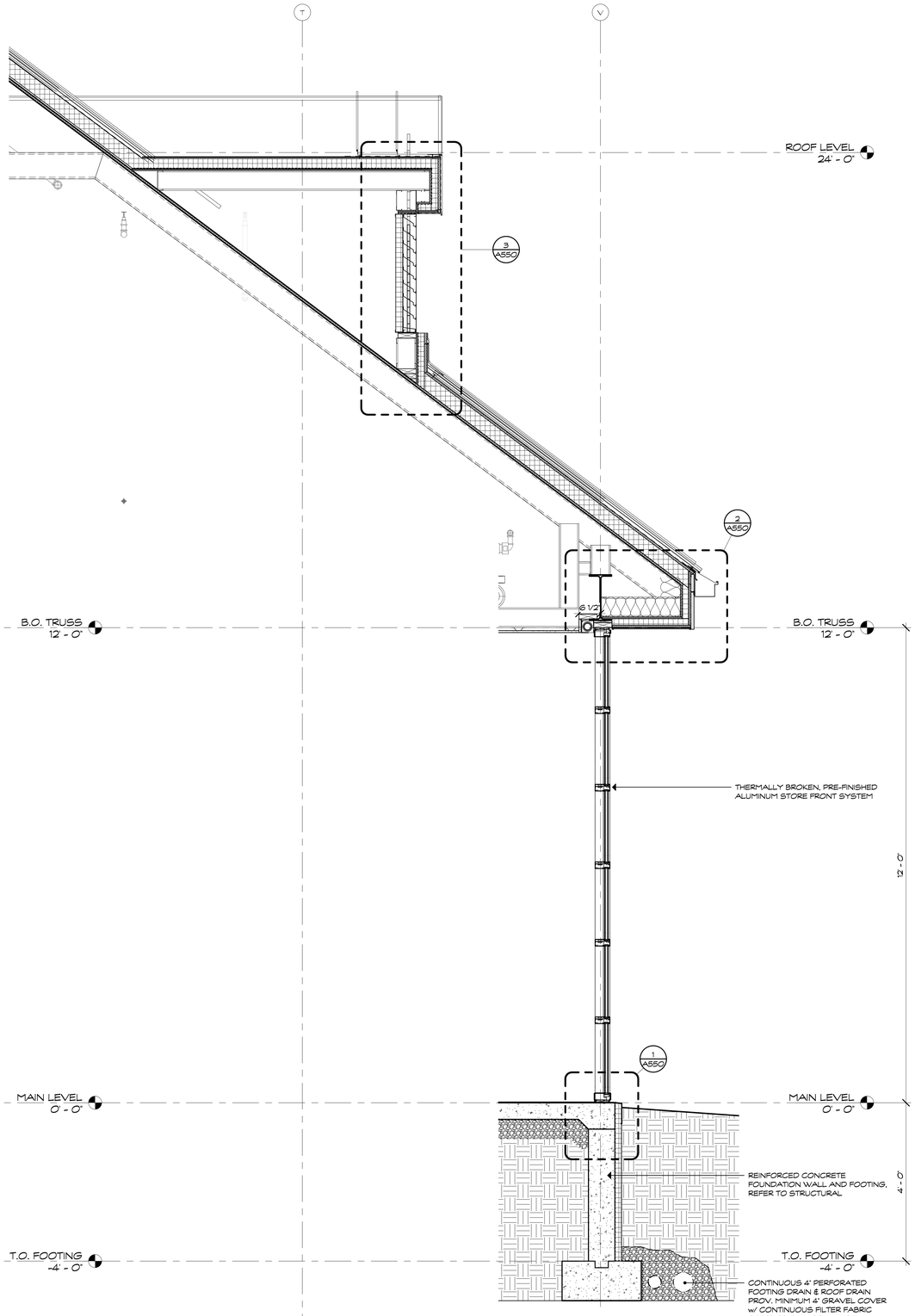
Drawing Number:
A403



3 TYP. MASONRY WALL w/ WINDOW
3/4" = 1'-0"



2 MASONRY WALL @ FITNESS ROOMS
3/4" = 1'-0"



1 STOREFRONT WALL @ FITNESS
3/4" = 1'-0"

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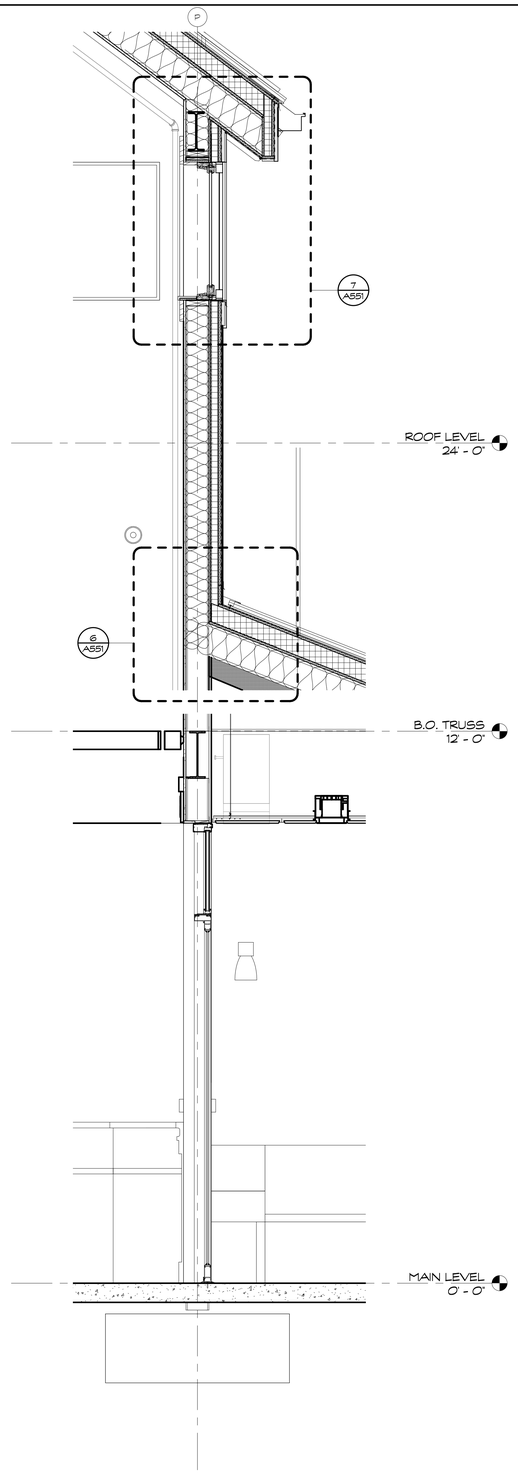
	ISSUED FOR BID	09/09/2022	

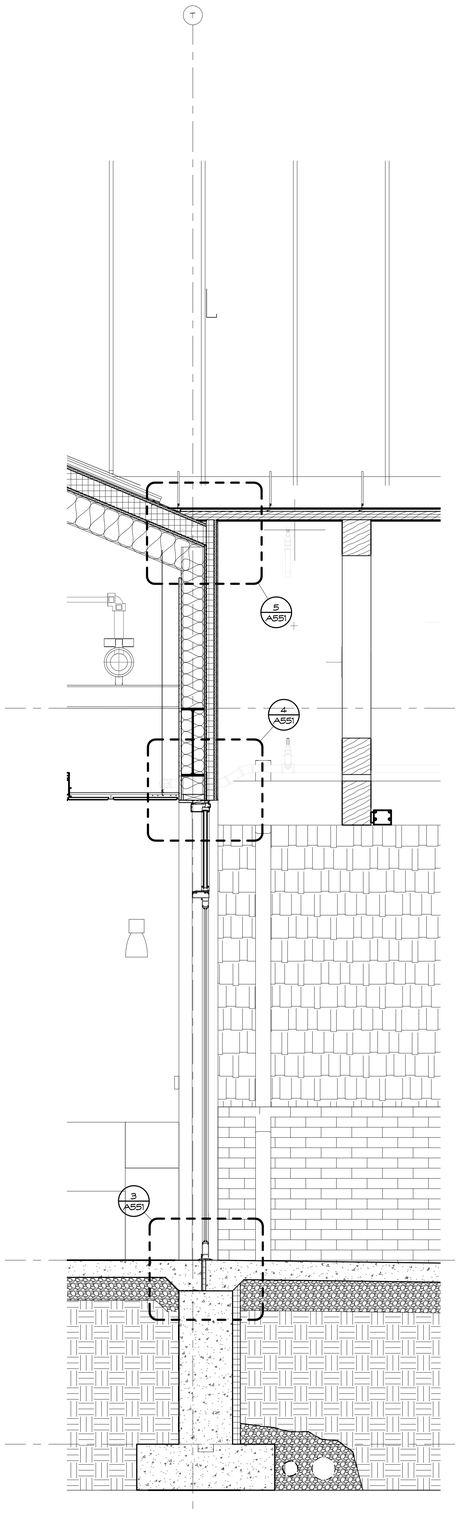
Drawing Title:
WALL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 3/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

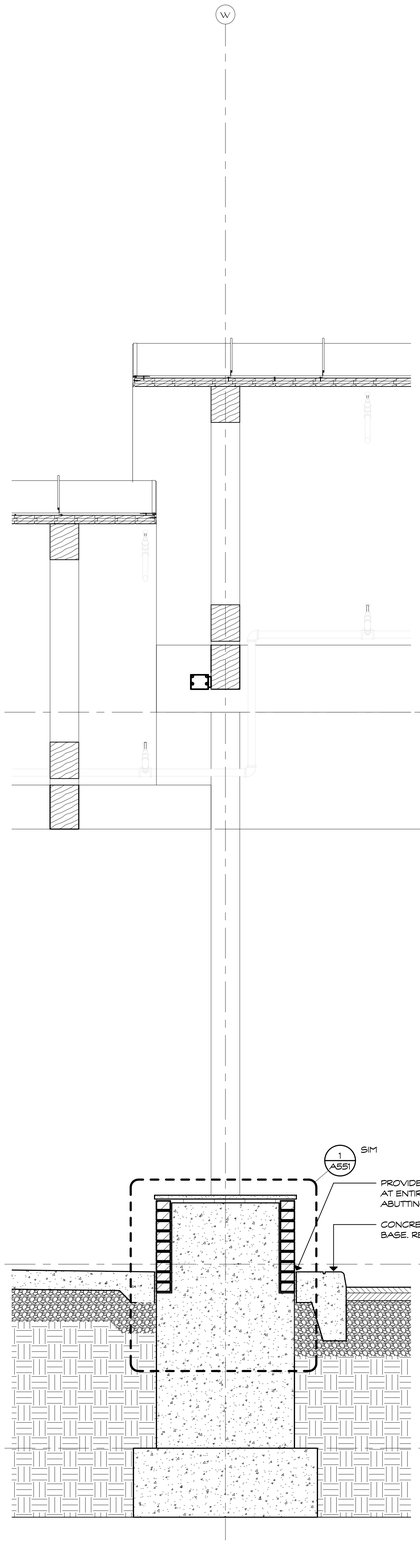
Drawing Number: A500



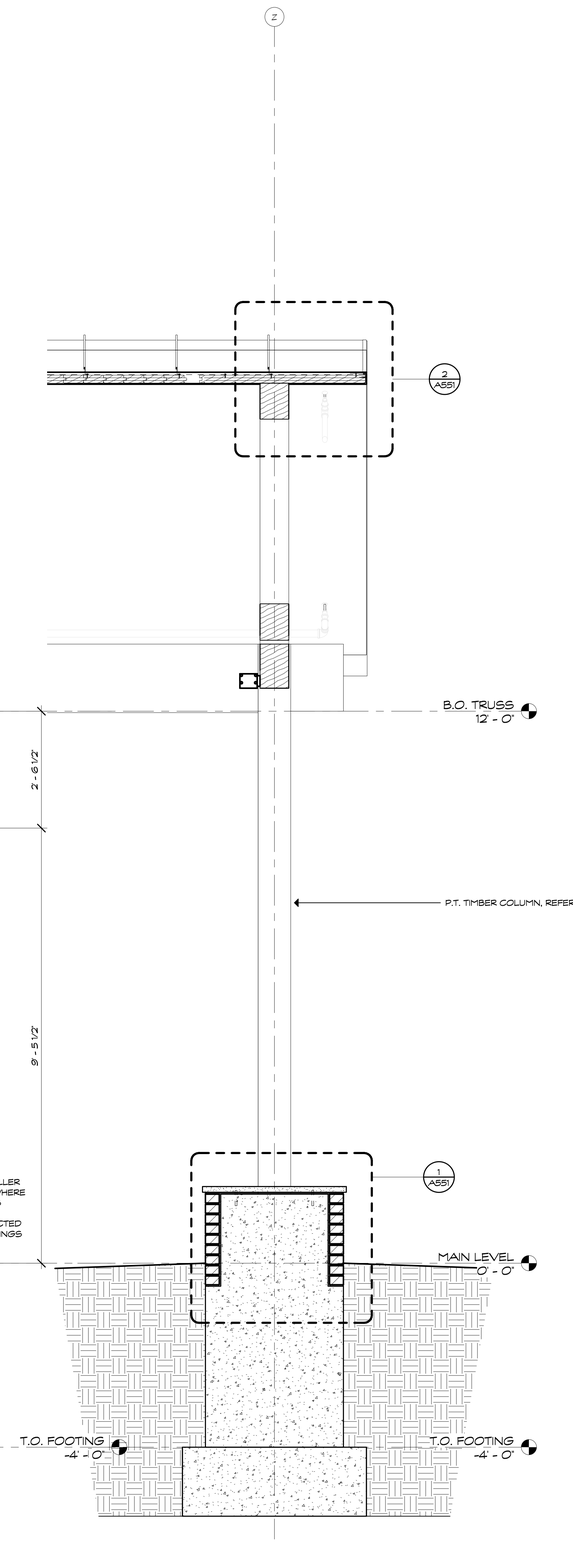
4 INTERIOR VESTIBULE WALL & TOWER
3/4" = 1'-0"



3 VESTIBULE 101 EXTERIOR WALL
3/4" = 1'-0"



2 PORT COCHERE @ ROOF STEP
3/4" = 1'-0"



1 PORT COCHERE @ COLUMN GRID 'Z'
3/4" = 1'-0"

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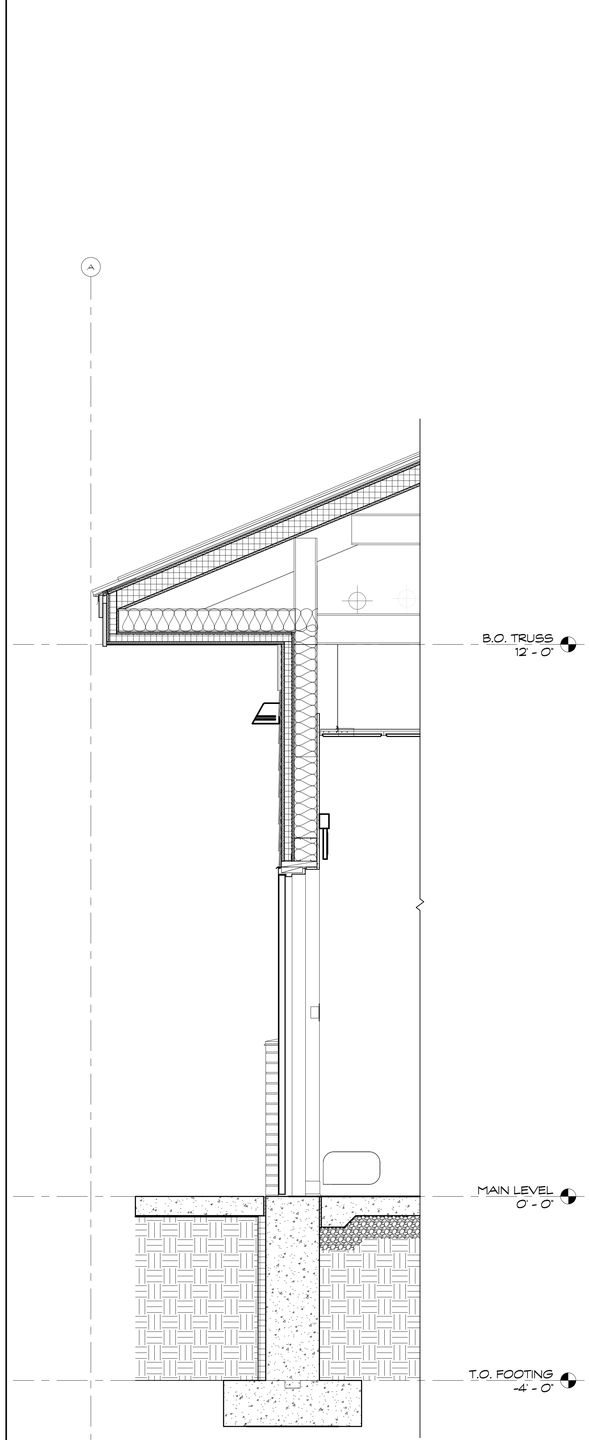
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

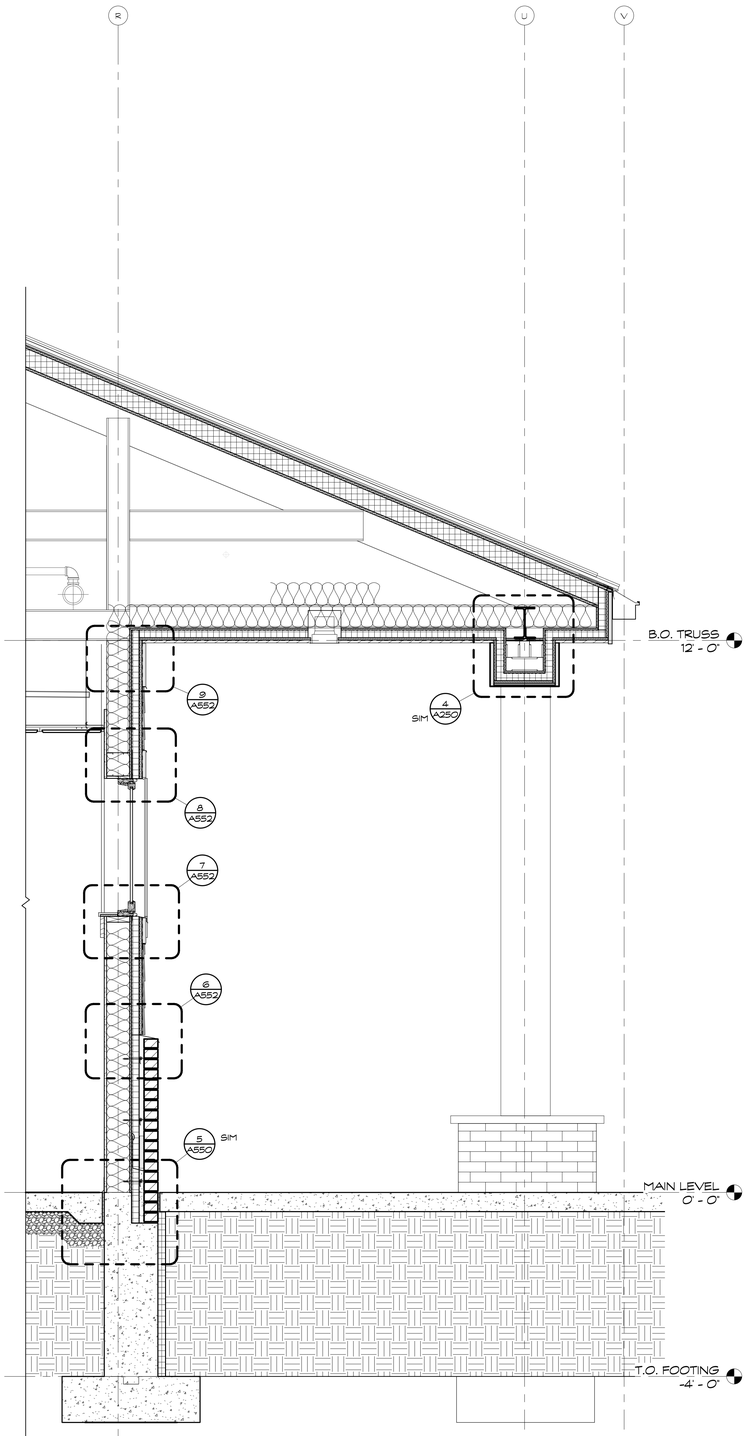
Drawing Title:
WALL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 3/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

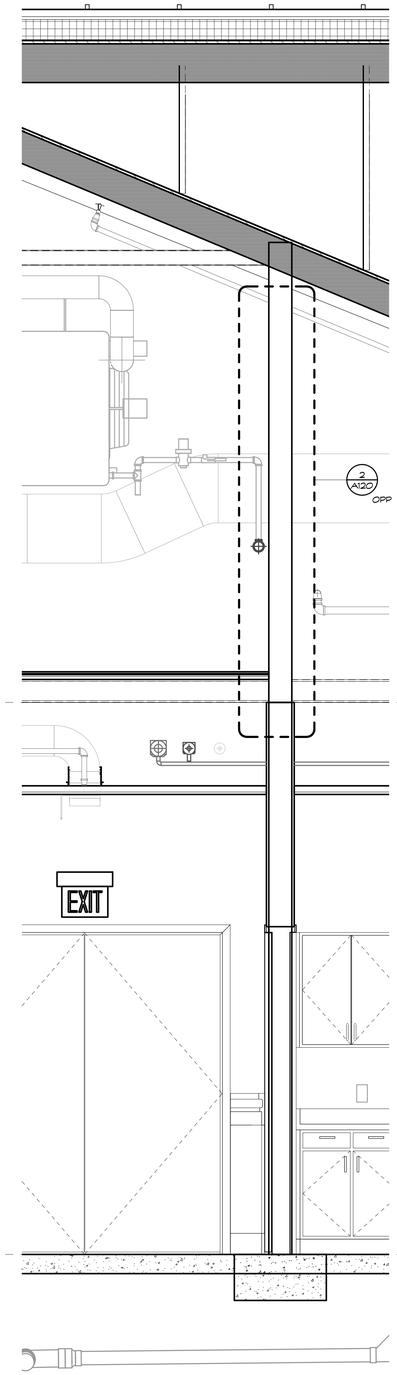
Drawing Number:
A501



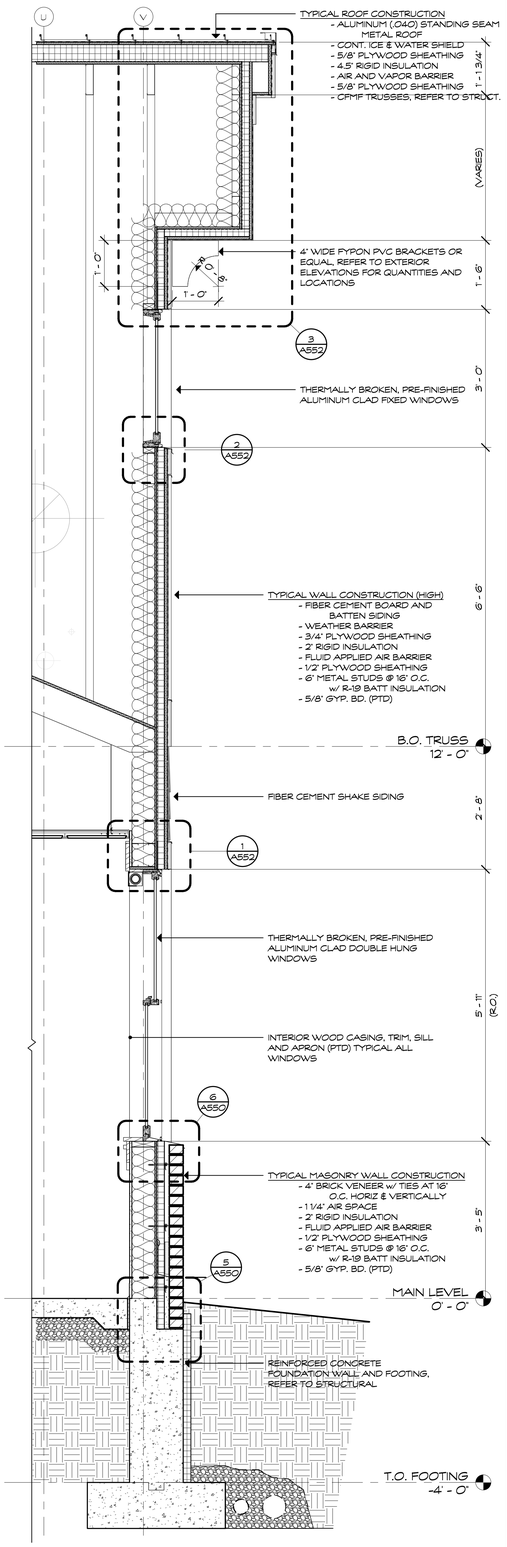
4 KITCHEN EXTERIOR WALL/DOOR
3/4" = 1'-0"



3 VESTIBULE 129 ENTRANCE CANOPY
3/4" = 1'-0"



2 INTERIOR BEARING WALL & ATTIC
3/4" = 1'-0"



1 TYPICAL GABLE END EXTERIOR WALL
3/4" = 1'-0"

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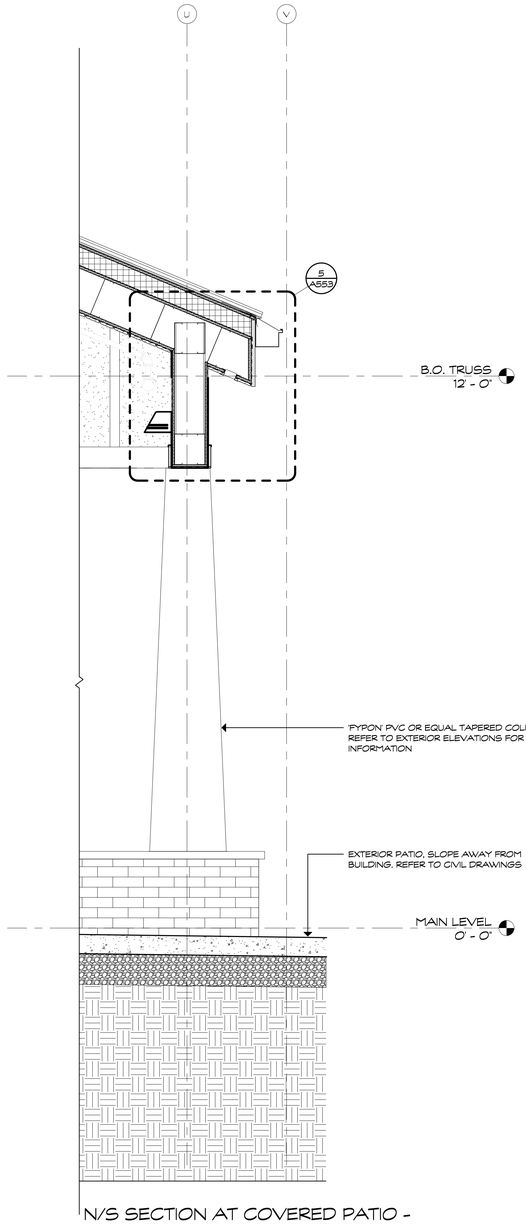
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

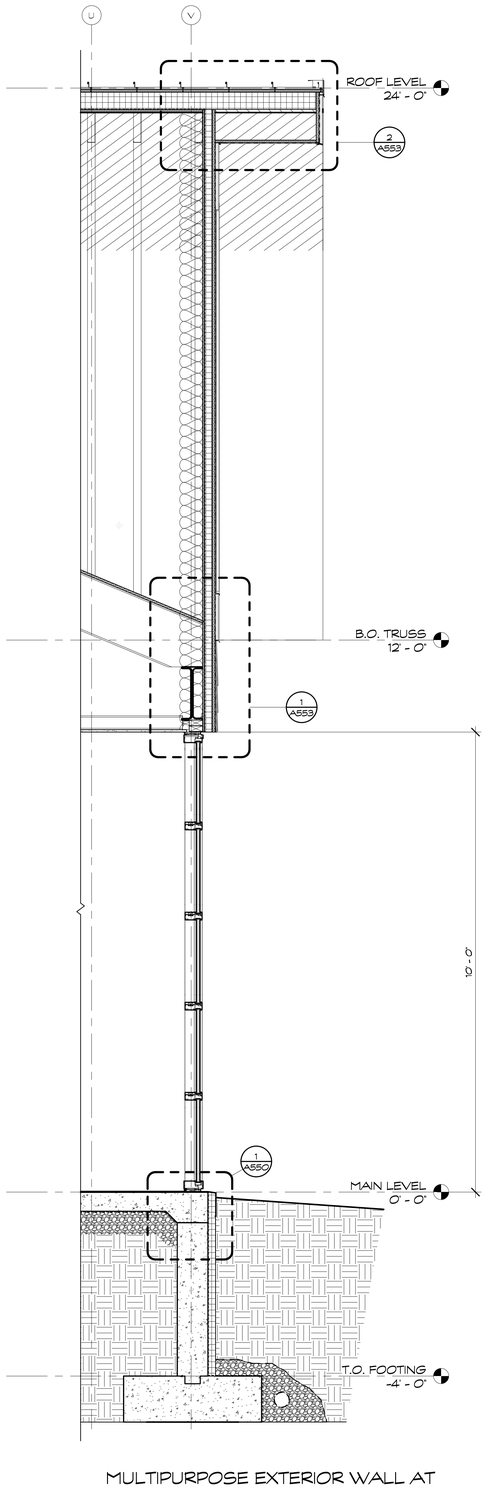
Drawing Title:
WALL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 3/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

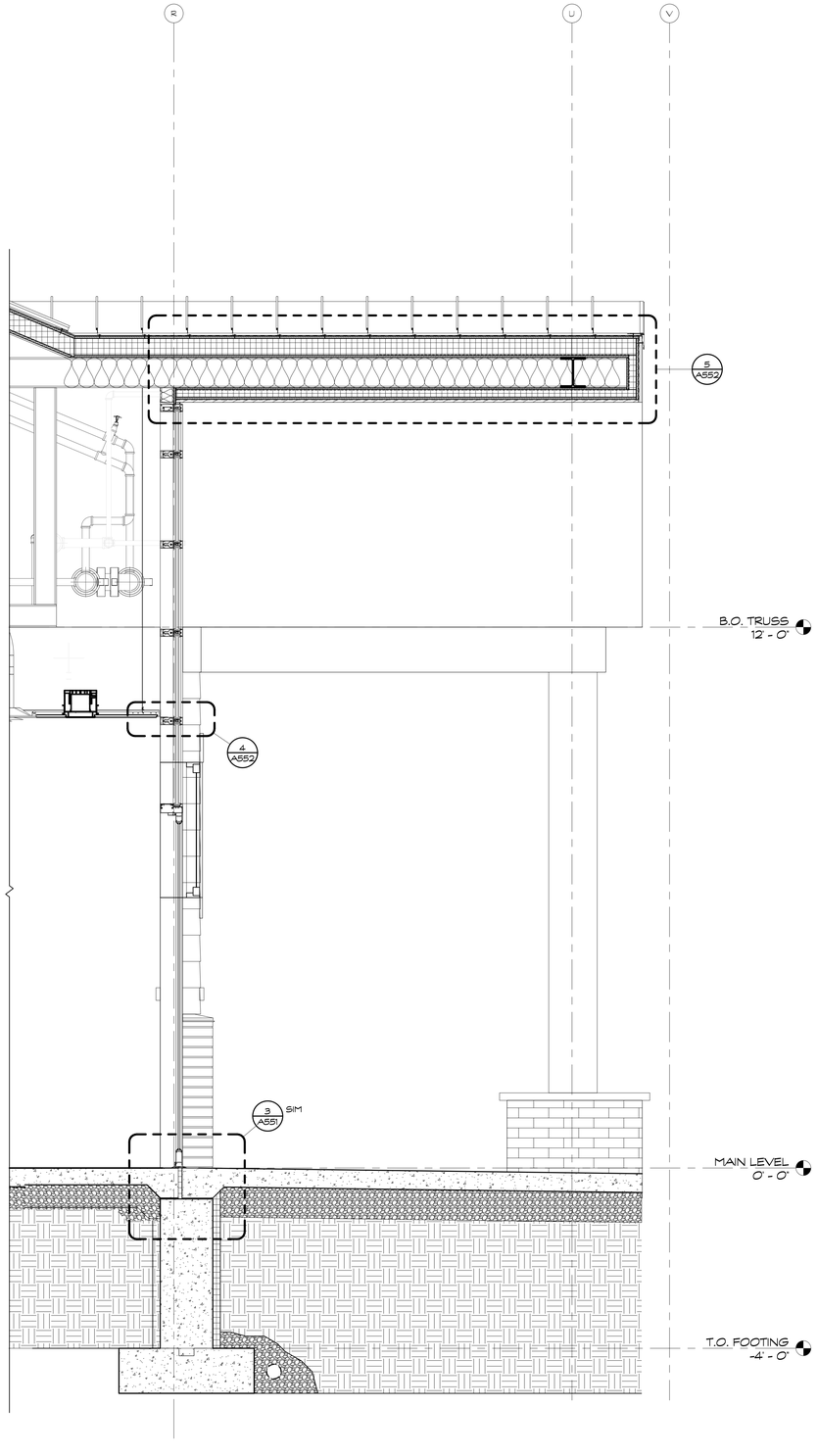
Drawing Number:
A502



3 N/S SECTION AT COVERED PATIO - Callout 1
3/4" = 1'-0"



2 MULTIPURPOSE EXTERIOR WALL AT STOREFRONT
3/4" = 1'-0"



1 VEST. 129 CURTAIN WALL & VAULT
3/4" = 1'-0"

Project Title:
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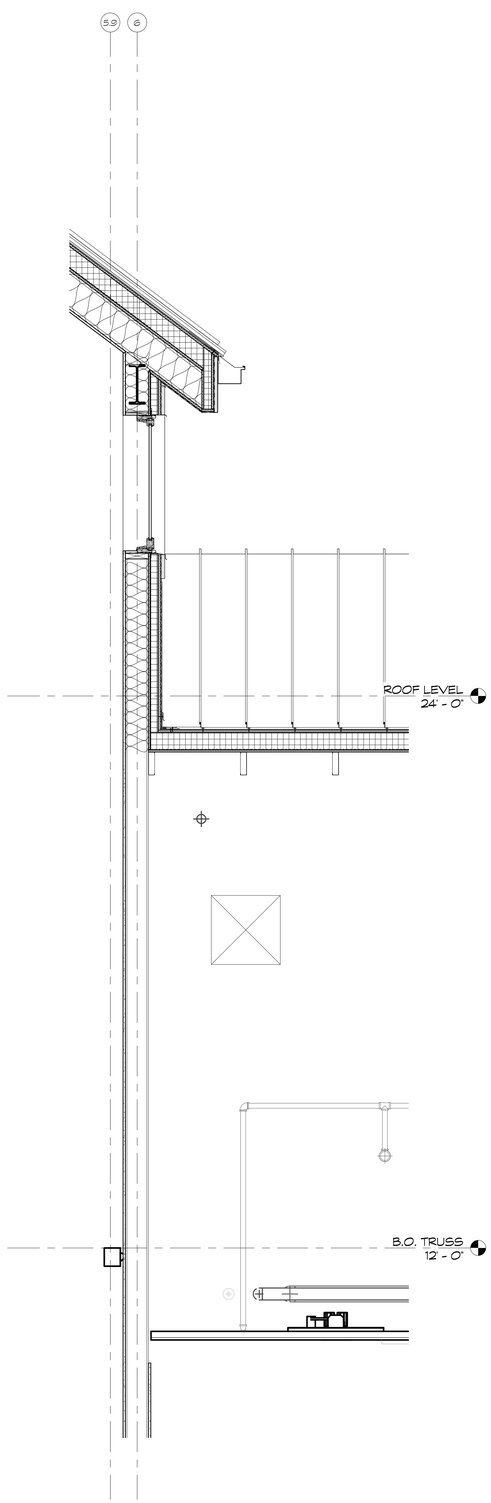
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

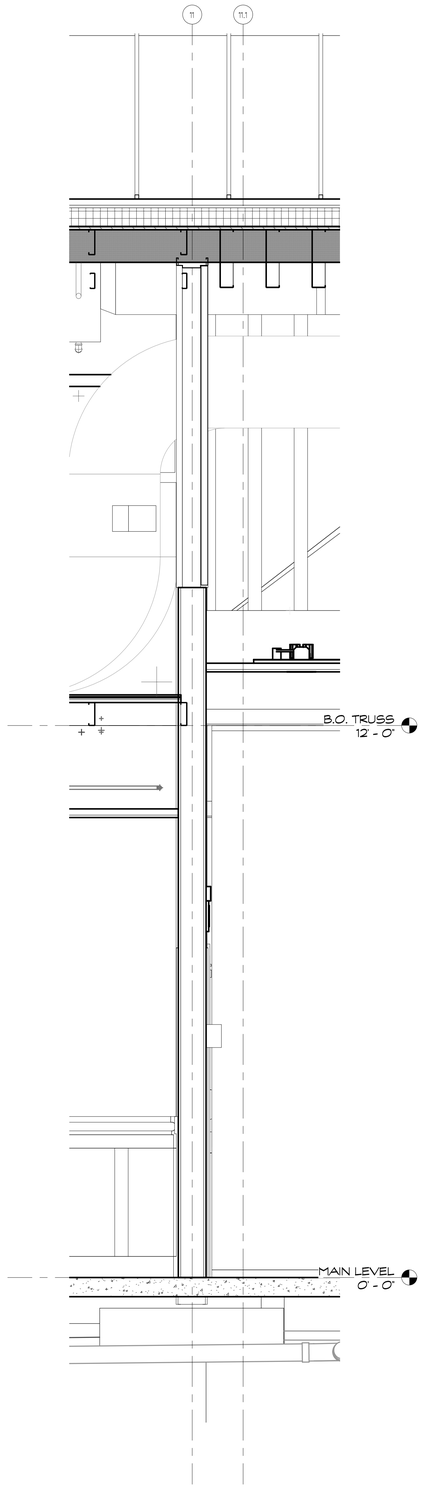
Drawing Title:
WALL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 3/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

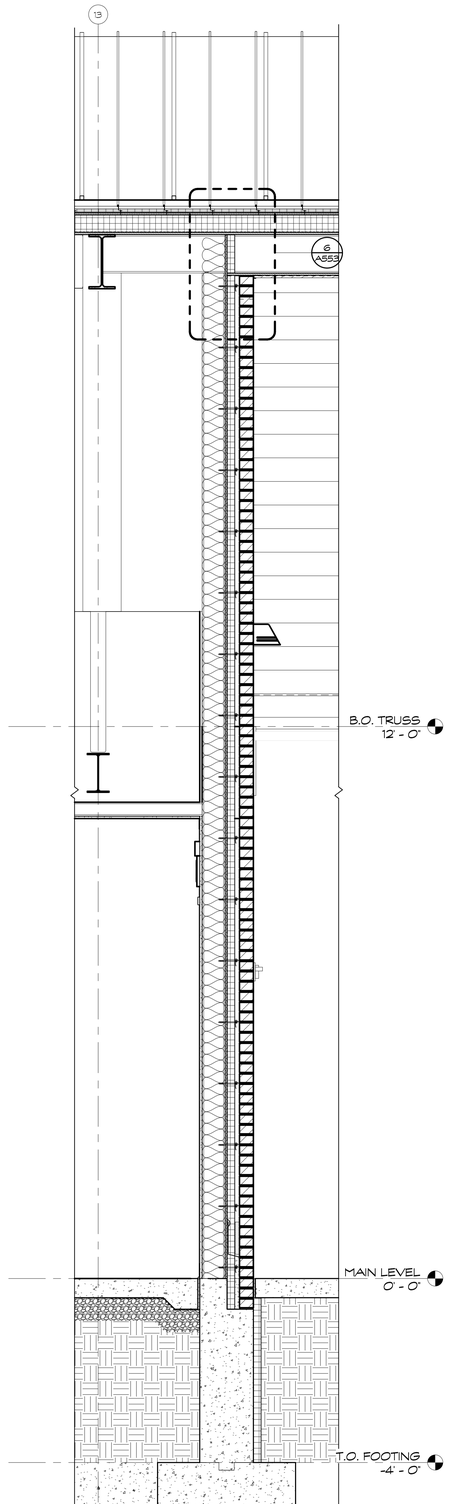
Drawing Number:
A503



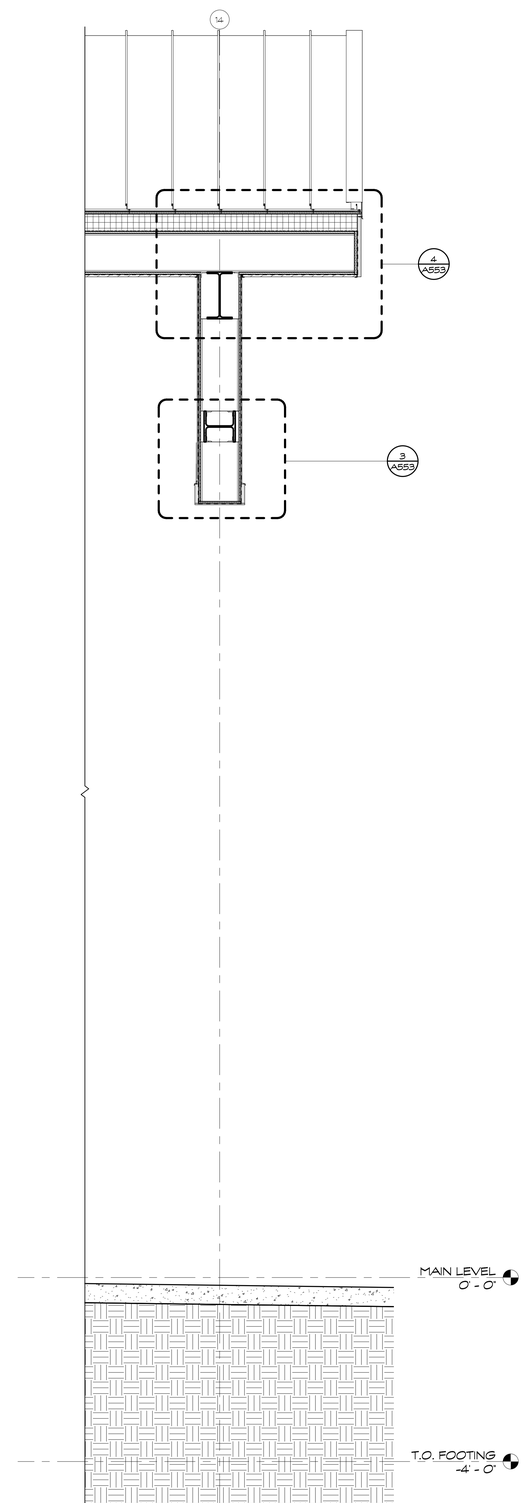
4 E/W SECTION (WEST END) - Callout 1
3/4" = 1'-0"



3 E/W SECTION (EAST END) - Callout 3
3/4" = 1'-0"



2 E/W SECTION (EAST END) - Callout 2
3/4" = 1'-0"



1 E/W SECTION (EAST END) - Callout 1
3/4" = 1'-0"

Project Title:
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Colchester, CT 06415

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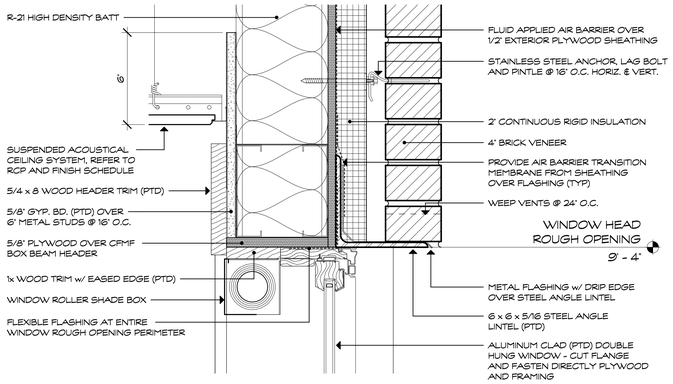
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

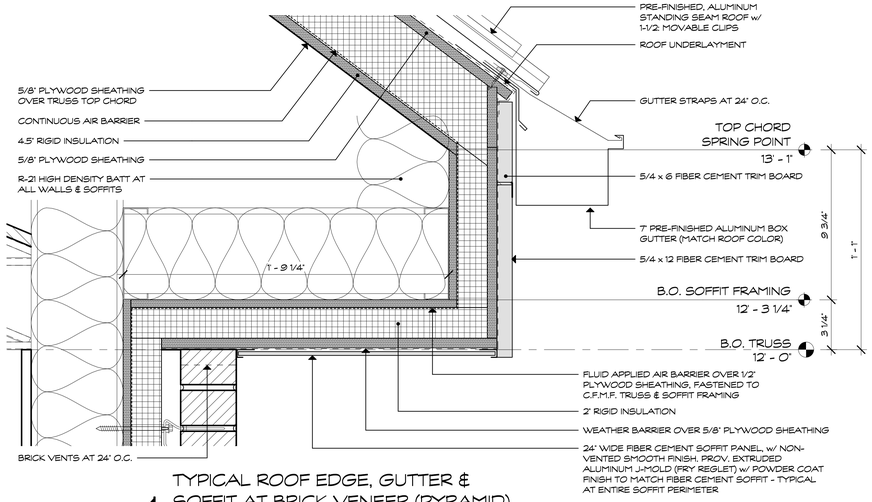
Drawing Title:
WALL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 3/4" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003

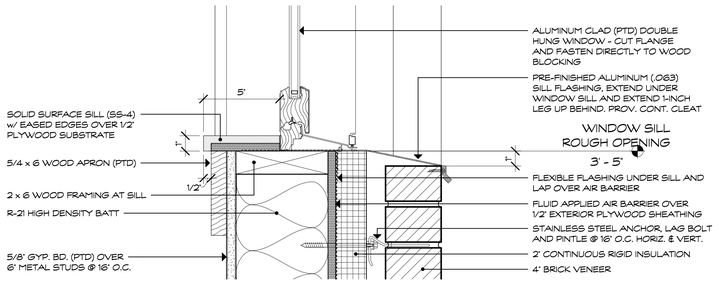
Drawing Number:
A504



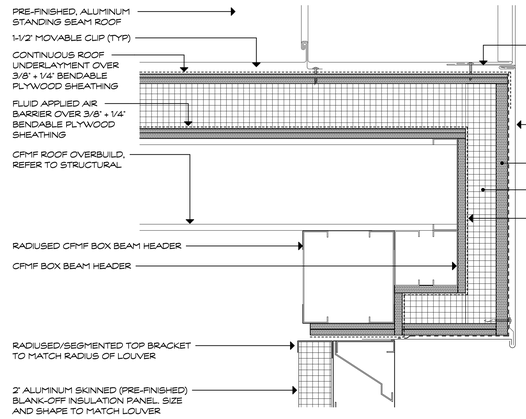
7 WINDOW HEAD AT BRICK VENEER
3" = 1'-0"

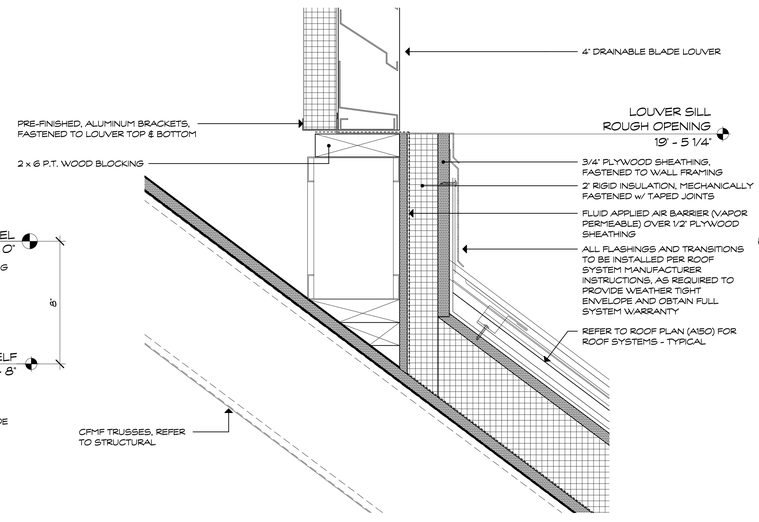


4 TYPICAL ROOF EDGE, GUTTER & SOFFIT AT BRICK VENEER (PYRAMID)
3" = 1'-0"

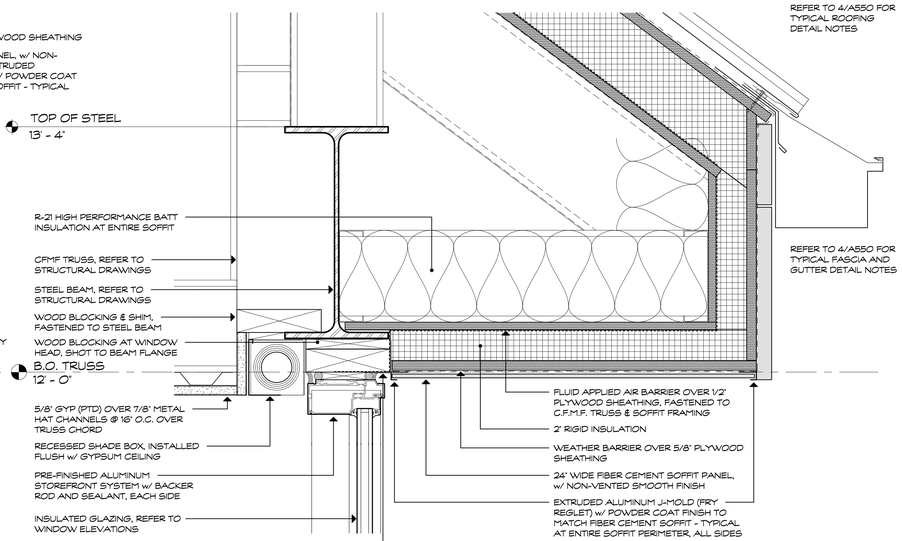


6 WINDOW SILL AT BRICK VENEER
3" = 1'-0"

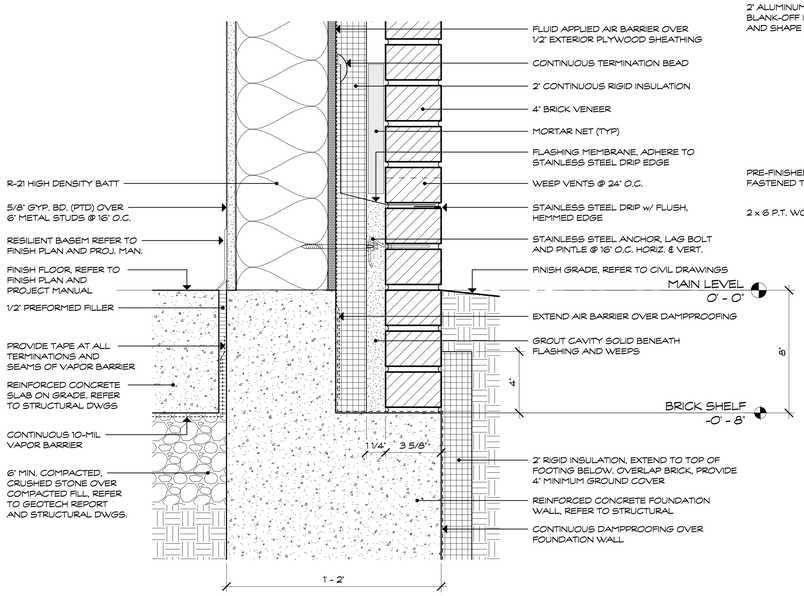




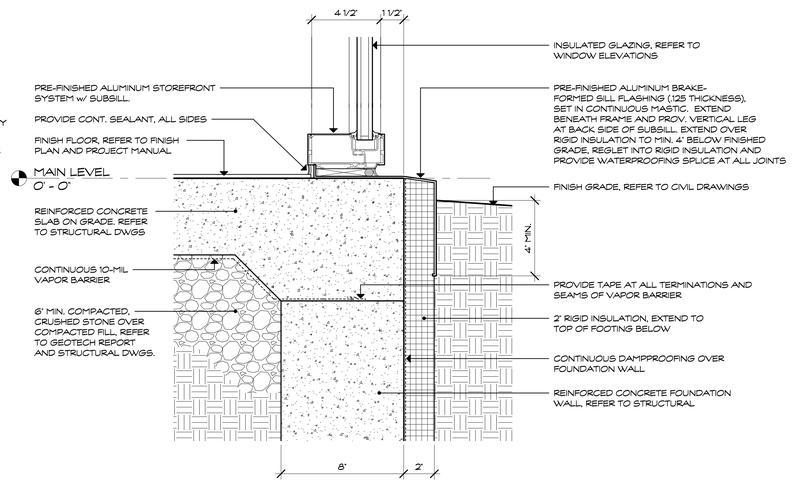
3 EYEBROW OVERBUILD (LOUVER)
3" = 1'-0"



WINDOW HEAD @ FITNESS STOREFRONT WINDOWS
2
3" = 1'-0"



5 BOTTOM OF WALL AT BRICK VENEER
3" = 1'-0"



1 STOREFRONT SILL AT SLAB
3" = 1'-0"

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

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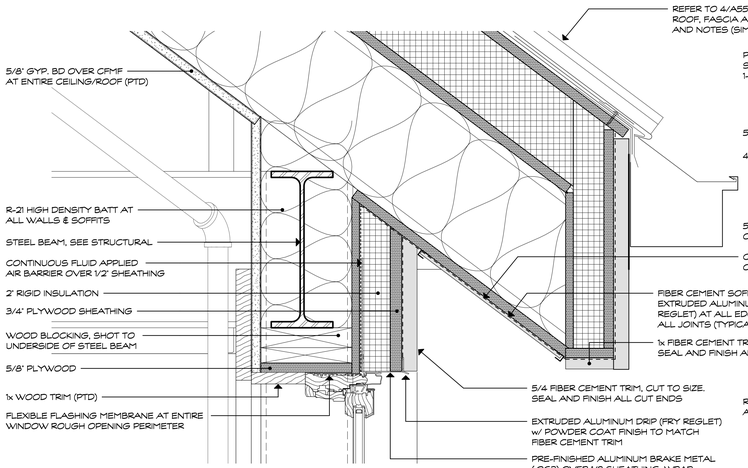
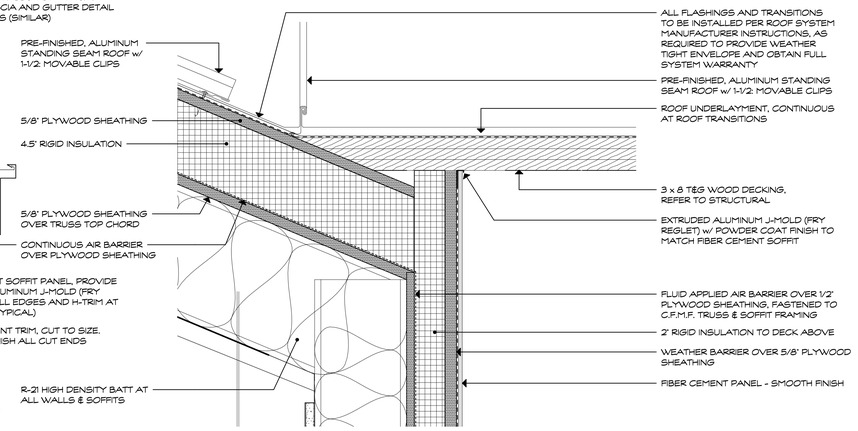
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

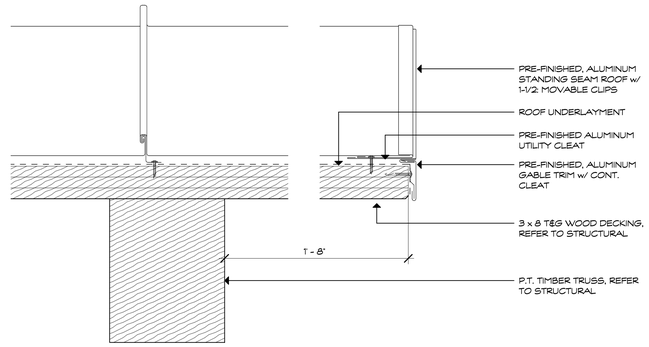
Drawing Title:
SECTION DETAILS

Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: Author
Project Number: 20.003
Drawing Number: A550

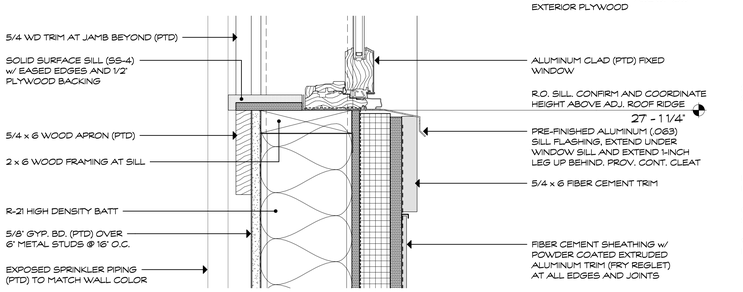


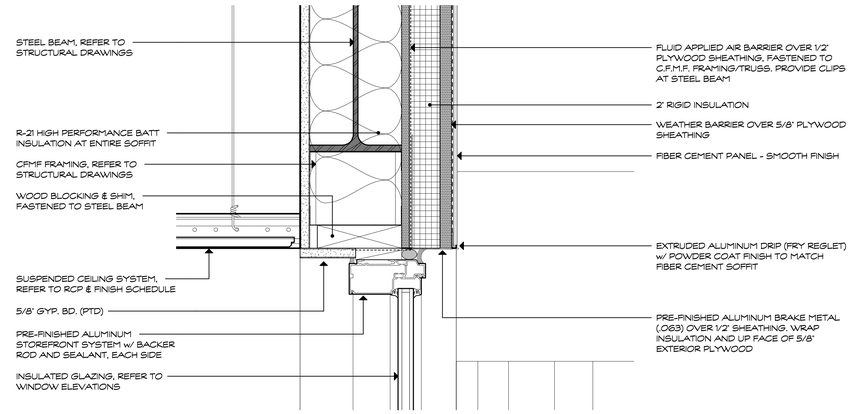


5 ROOF EDGE INTERSECTION AT LOBBY
3" = 1'-0"

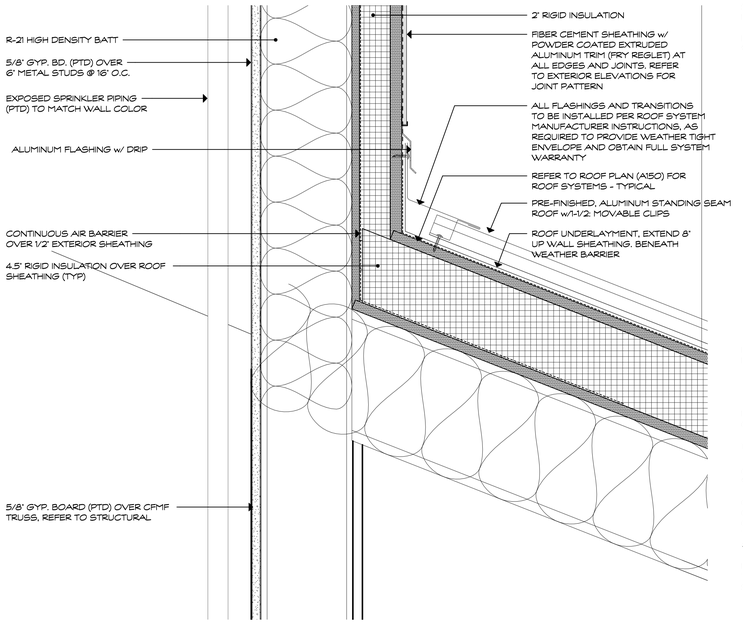


2 PORTE COCHERE ROOF EDGE
3" = 1'-0"

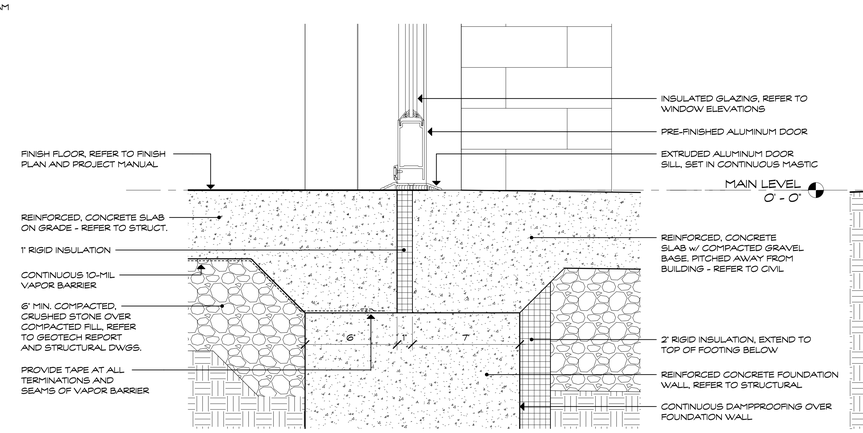


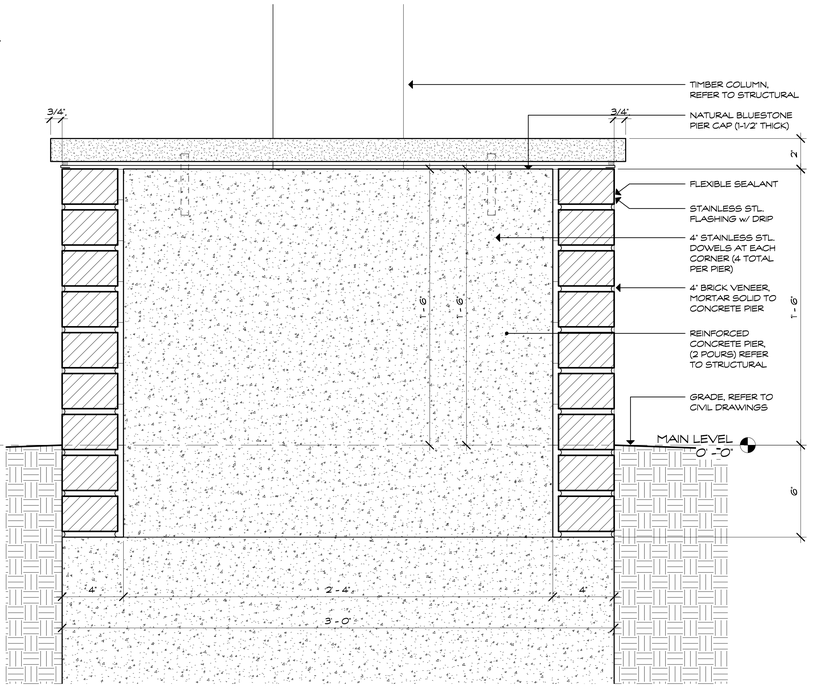


7 TOWER WINDOW AND ROOF
3" = 1'-0"



4 STOREFRONT HEAD AT LOBBY
3" = 1'-0"





6 ROOF TO TOWER TRANSITION
3" = 1'-0"

3 BOTTOM OF WALL AT LOBBY
3" = 1'-0"

1 EXTERIOR COLUMN BASE
3" = 1'-0"

Project Title:
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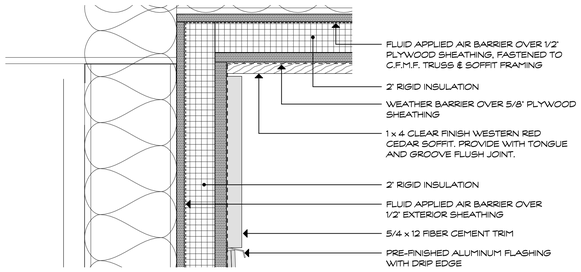
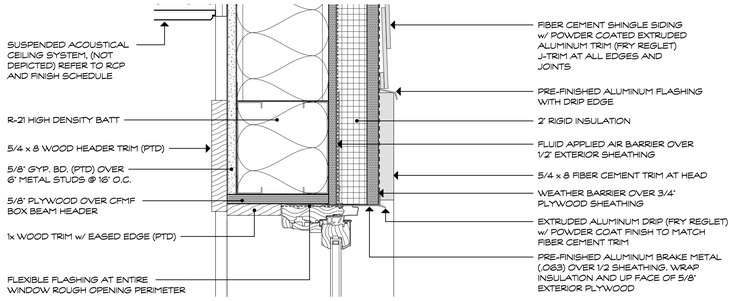
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
SECTION DETAILS

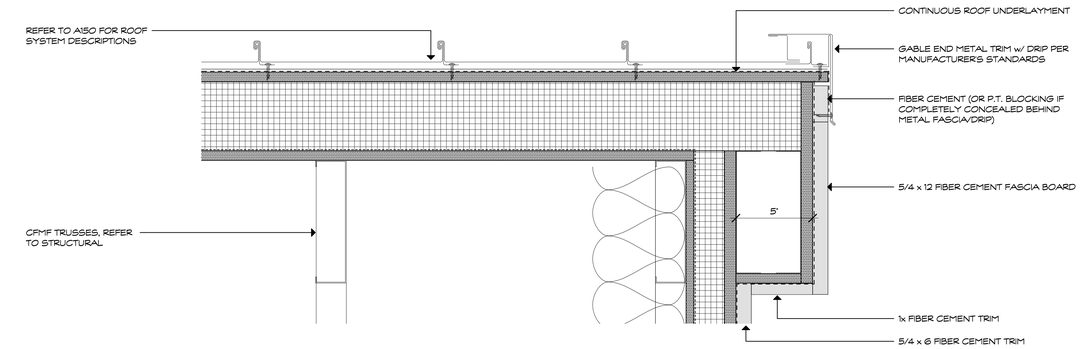
Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: C. NARDI
Project Number: 20.003
Drawing Number: A551

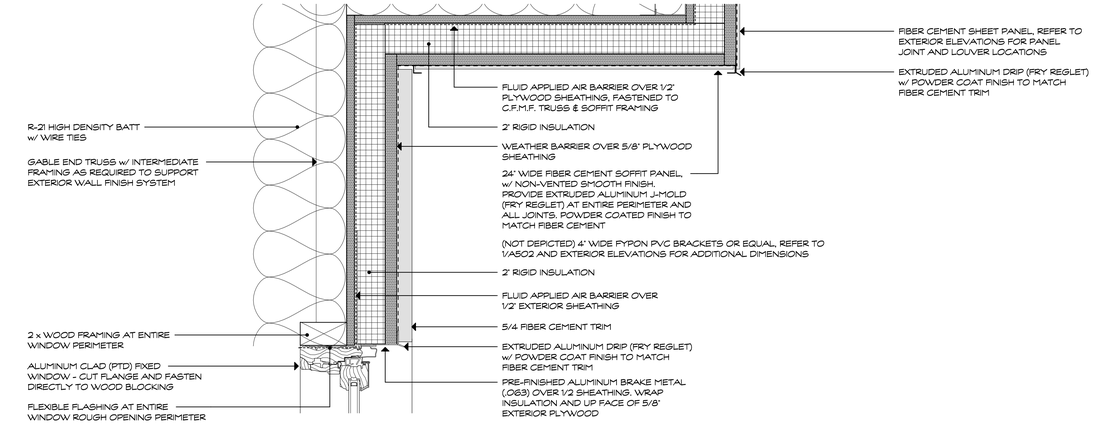


9 T.O. WALL AT EXTERIOR SOFFIT
3" = 1'-0"

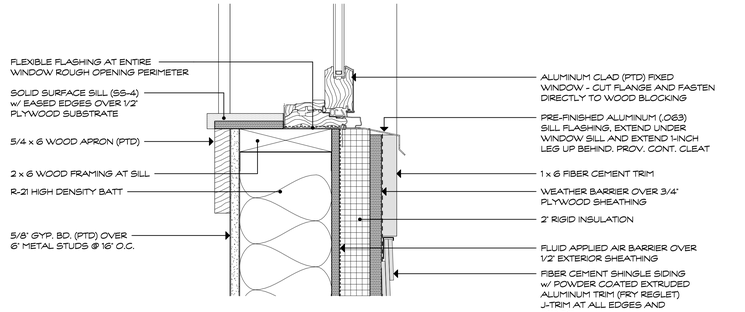


8 W2" WINDOW HEAD
3" = 1'-0"

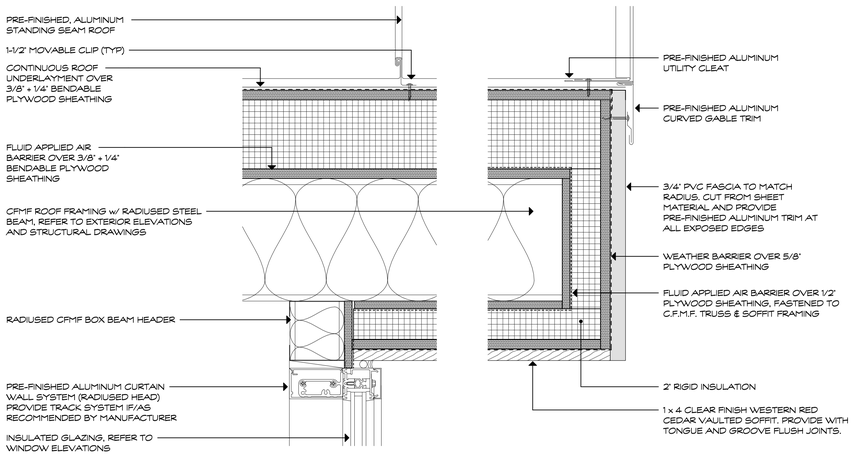




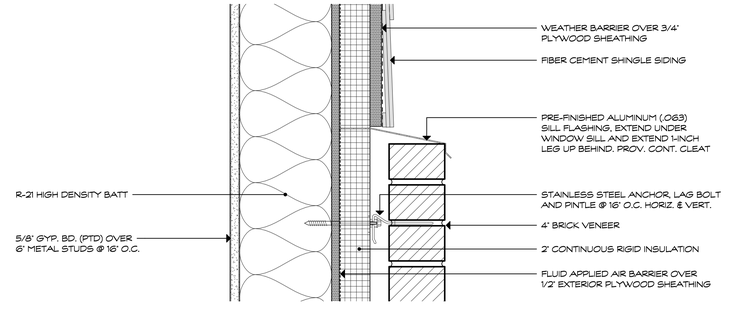
3 ATTIC WINDOW HEAD & GABLE END
3" = 1'-0"



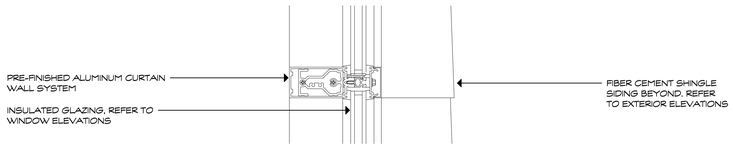
7 W2" WINDOW SILL
3" = 1'-0"



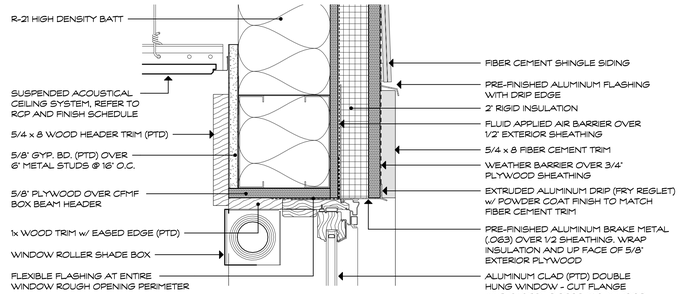
5 CURTAIN WALL HEAD
3" = 1'-0"



6 FIBER CEMENT TO BRICK
3" = 1'-0"



4 INTERMEDIATE CURTAIN WALL MULLION
3" = 1'-0"



2 ATTIC WINDOW SILL
3" = 1'-0"

1 WINDOW HEAD IN FIBER CEMENT
3" = 1'-0"

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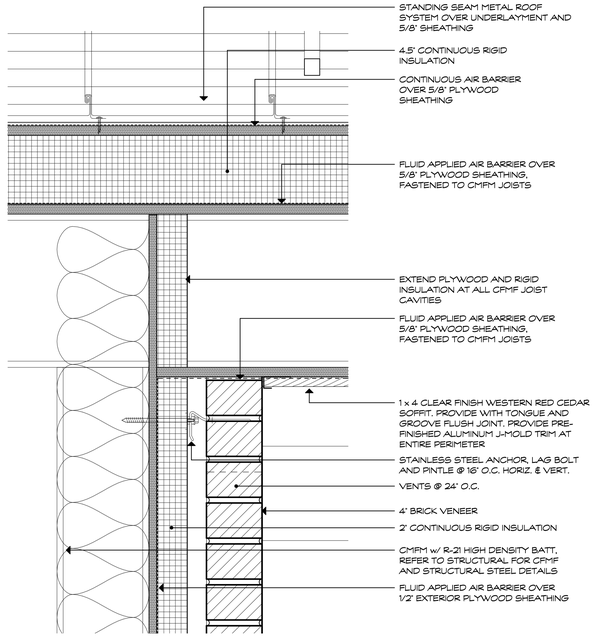
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

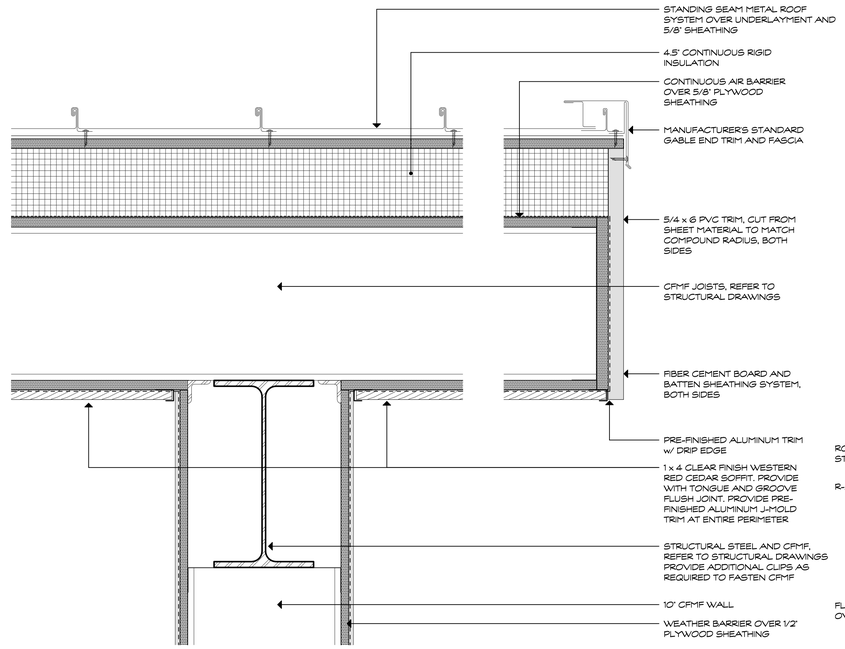
Drawing Title:
SECTION DETAILS

Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: Author
Project Number: 20.003

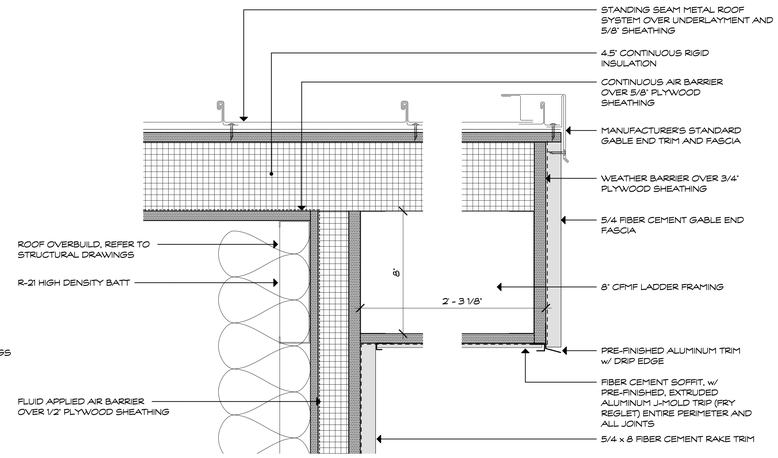
Drawing Number:
A552



6 MULTIPURPOSE TO PORCH ROOF
3" = 1'-0"

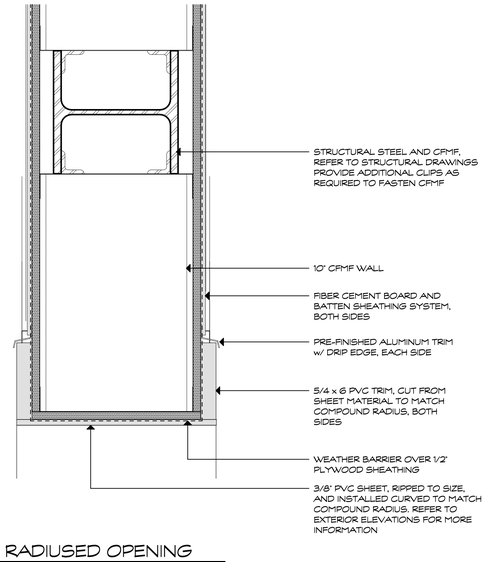


4 PORCH WALL ROOF TRANSITION
3" = 1'-0"

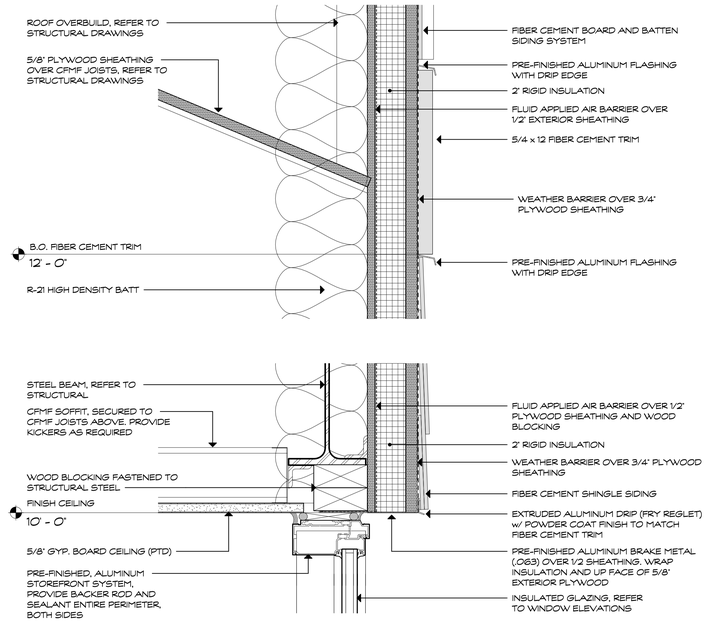


2 ROOF OVERHANG
3" = 1'-0"

5 PORCH SIDE WALL AT ROOF
3" = 1'-0"



3 PORCH WALL RADIUSED OPENING
3" = 1'-0"



1 MULTIPURPOSE STOREFRONT HEAD
3" = 1'-0"

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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

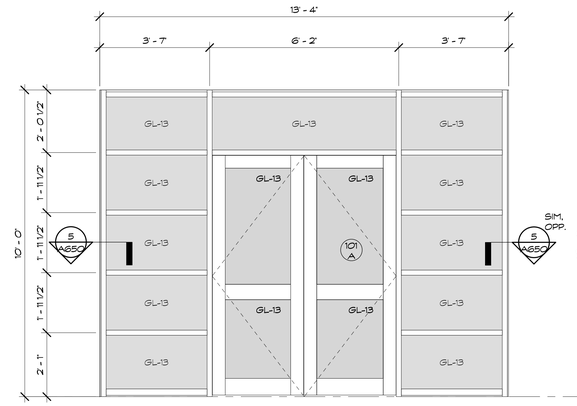
Drawing Title:
SECTION DETAILS

Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: Author
Project Number: 20.003

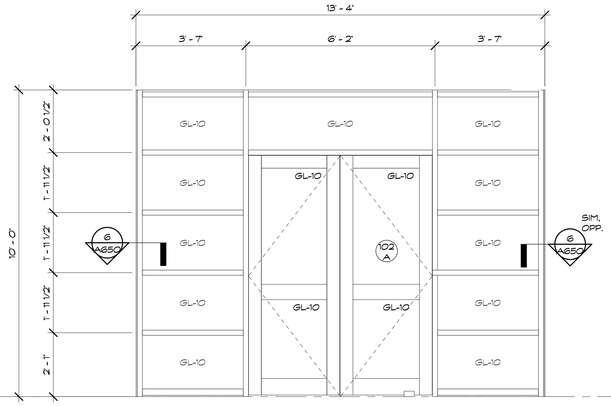
Drawing Number: A553

GLAZING SCHEDULE

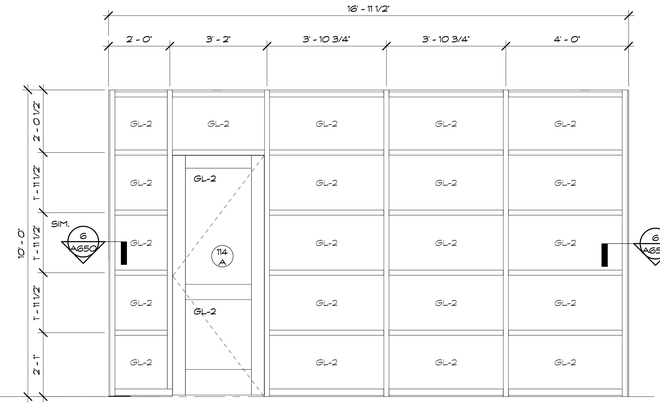
GL-2	CLEAR, TEMPERED
GL-5	CLEAR, LAMINATED (INTERIOR RECEPTION)
GL-10	INSULATED, CLEAR, TEMPERED
GL-12	INSULATED, TINTED
GL-13	INSULATED, TINTED, TEMPERED
GL-15	INSULATED, TINTED, FROSTED
GL-20	INSULATED, TINTED, SPANDREL



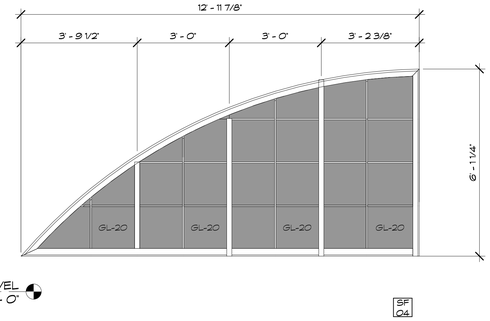
SF 01



SF 02



SF 03

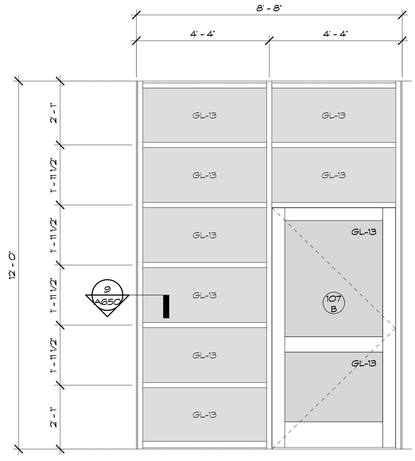


SF 04

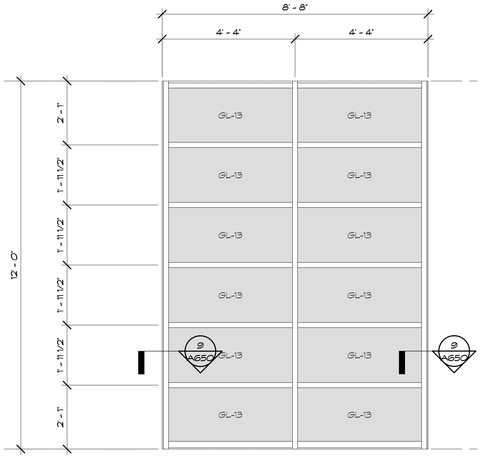
MAIN LEVEL 0' - 0"

1 STOREFRONT WINDOWS

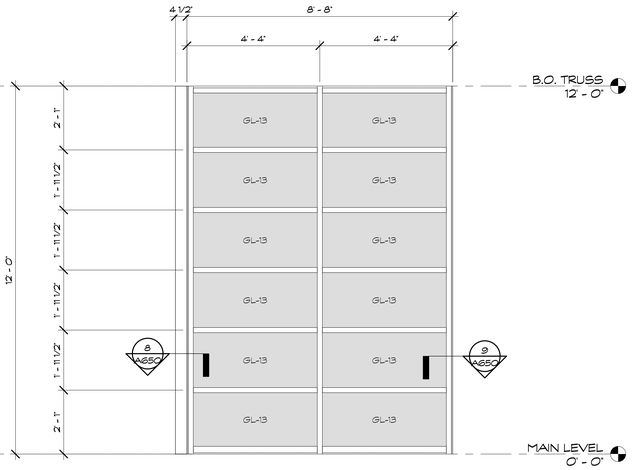
1/2" = 1'-0" NOTE: (*) SYMBOL INDICATES THE WINDOW UNIT IS MIRRORED



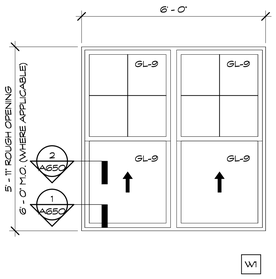
SF 05



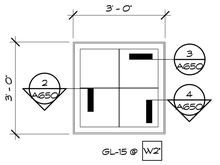
SF 06



SF 07

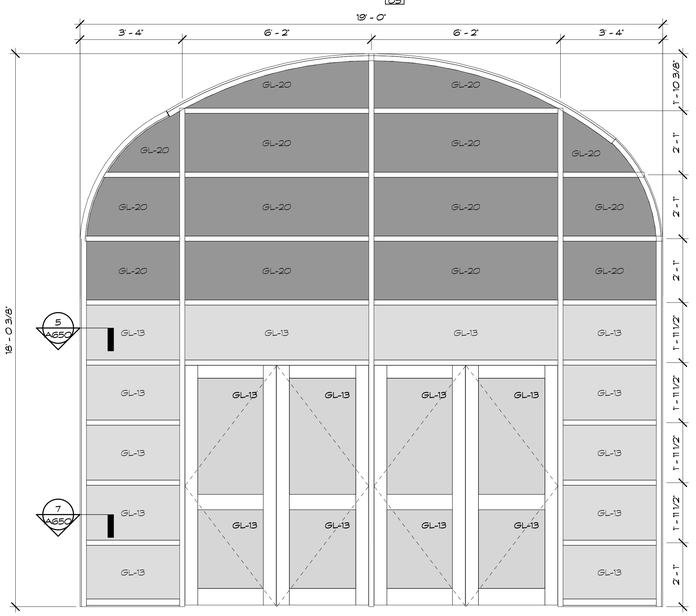


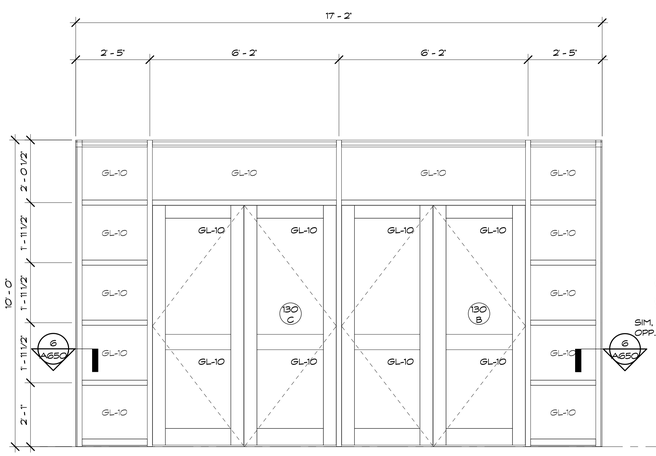
W1

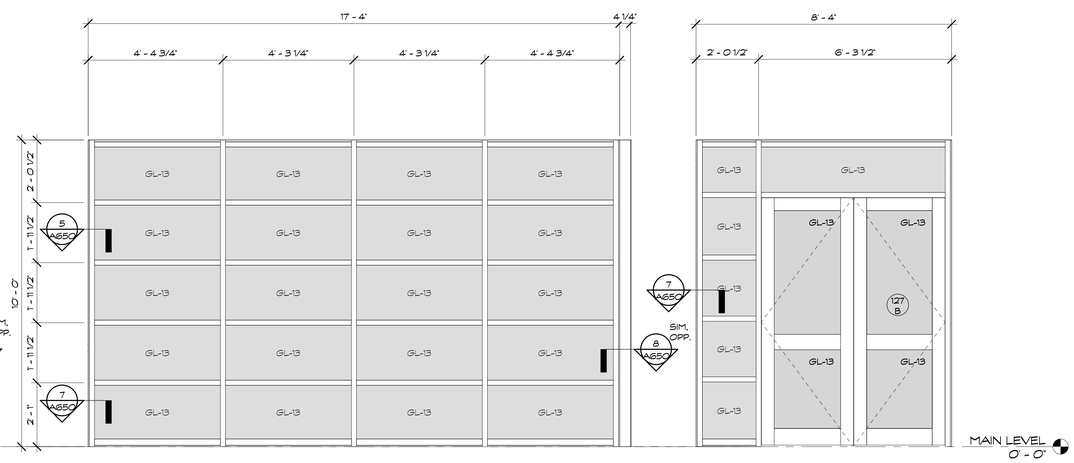


2 ALUMINUM CLAD WINDOWS

1/2" = 1'-0"







SF 09 · SF 10 · SF 11

3 CURTAIN WALL WINDOWS

1/2" = 1'-0"

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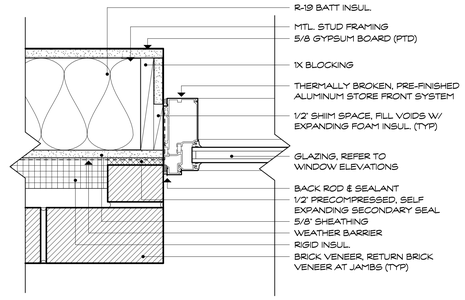
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

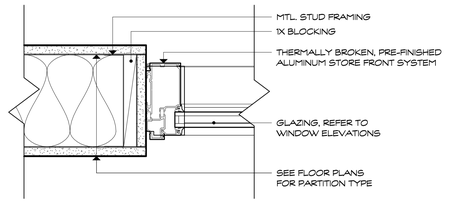
Drawing Title: WINDOW ELEVATIONS

Date: SEPTEMBER 09, 2022
Scale: 1/2" = 1'-0"
Drawn By: Author
Project Number: 20.003

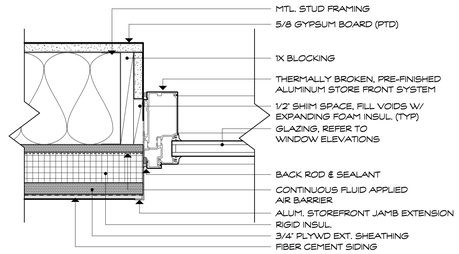
Drawing Number: A600



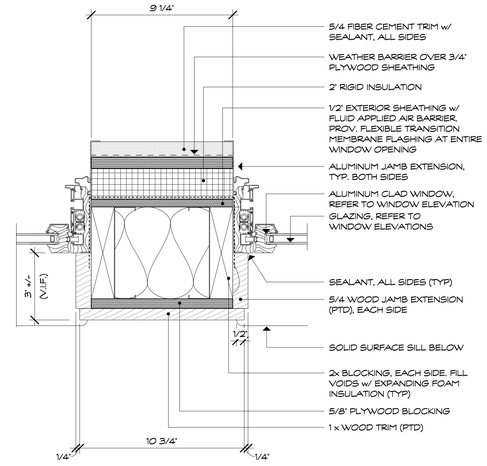
7 STOREFRONT JAMB @ BRICK VENEER
3" = 1'-0"



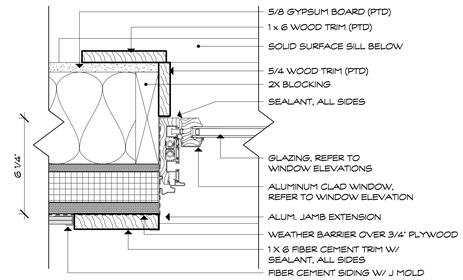
6 STOREFRONT JAMB TO MTL STUD/GYP. WALL (INT.)
3" = 1'-0"



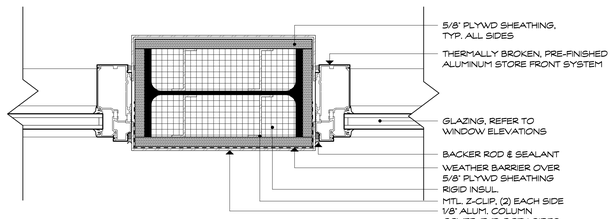
5 STOREFRONT JAMB TO FIBER CEMENT PANEL
3" = 1'-0"



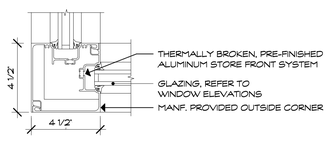
3 INTERMEDIATE JAMB DETAIL
3" = 1'-0"



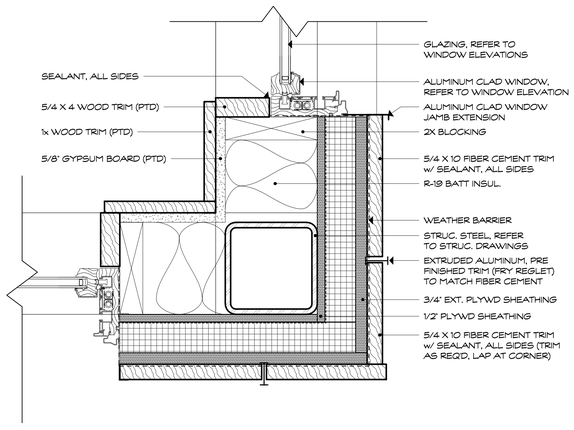
2 WINDOW JAMB @ FIBER CEMENT SIDING
3" = 1'-0"



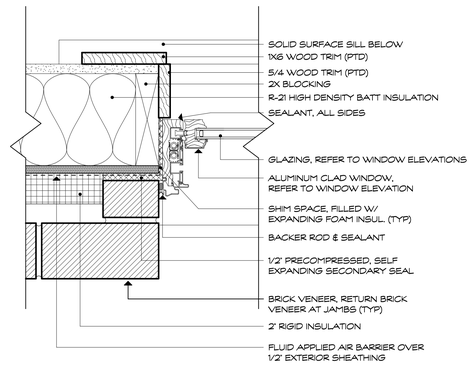
9 STOREFRONT TO STOREFRONT W/ ALUM. COLUMN COVER
3" = 1'-0"



8 STOREFRONT ALUM. CORNER DETAIL
3" = 1'-0"



4 SECTION @ CUPOLA CORNER, TYP.
3" = 1'-0"



1 WINDOW JAMB @ BRICK VENEER
3" = 1'-0"

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
WINDOW DETAILS

Date: SEPTEMBER 09, 2022
Scale: 3" = 1'-0"
Drawn By: MG
Project Number: 20.003

Drawing Number:
A650

GENERAL TOILET ROOM NOTES

1. ALL EXPOSED PIPING AT LAVS TO BE CONCEALED WITH LAV SHIELD. SEE PROJECT MANUAL FOR INFORMATION.

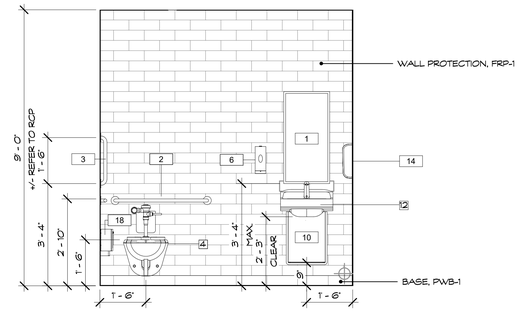
2. PROVIDE CONCEALED BLOCKING FOR ALL WALL MOUNTED ACCESSORIES, INCLUDING BUT NOT LIMITED TO GRAB BARS, TISSUE DISPENSERS, SOAP DISPENSERS, HAND DRYERS & MIRRORS. ADDITIONALLY, PROVIDING BLOCKING IN WALL FOR ADDITION OF FUTURE PAPER TOWEL DISPENSERS - COORDINATE FINAL LOCATION IN FIELD w/ OWNER AND ARCHITECT.

3. ALL DIMENSIONS ON DRAWING A160 ARE TAKEN FROM FINISH FACE OF WALL

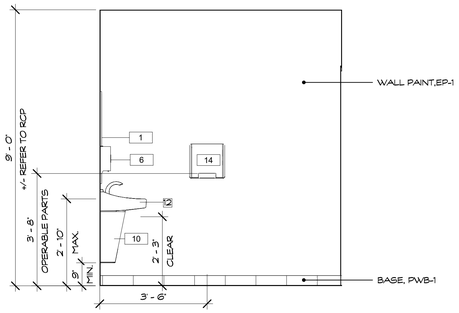
4. REFER TO ELEVATIONS FOR MOUNTING HEIGHTS.

TOILET ACCESSORIES

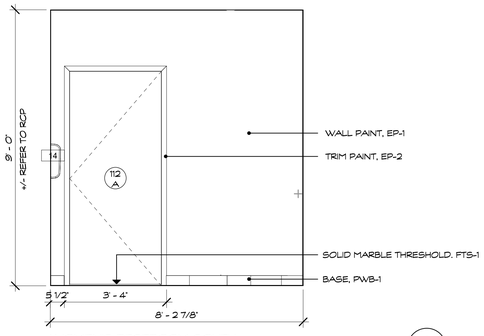
1	18" X 36" MIRROR (CENTER ON LAV)
2	36" HORIZ. GRAB BAR
3	18" VERT. GRAB BAR
4	WALL MOUNTED H.C. WATER CLOSET (18" TO TOP OF SEAT) (SEE PLUMBING DWGS)
5	WALL MOUNTED H.C. URINAL (17" TO RIM) (SEE PLUMBING. DWGS)
6	WALL MTD. HC SOAP DISPENSER
7	TOILET PARTITIONS, SEE PROJ. MAN. (INCLUDE HOOKS FOR STALLS)
8	URINAL SCREEN, SEE PROJ. MAN.
9	MOP & BROOM HOLDER (36" W / 3 HOLDERS)
10	LAVGUARD (SEE P. DWGS)
11	EMERGENCY CALL FOR AID (PULL CORD 12" A.F.F.) (SEE ELECTRICAL DWGS)
12	WALL MOUNTED LAV (REFER TO ELEVS FOR MOUNTING HEIGHT) (SEE PLUMBING DWGS)
13	RECESSED MOUNTED TOILET PAPER DISPENSER & SANITARY NAPKIN DISPOSAL
14	WALL MOUNTED ELECTRIC HAND DRYER
15	42" HORIZ. GRAB BAR
16	UNDERMOUNT SINK (SEE PLUMBING DWGS)
17	BABY CHANGING STATION
18	SURFACE MOUNTED TOILET PAPER DISPENSER
19	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL



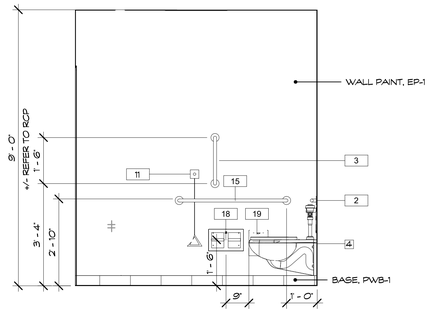
WOMEN'S RESTROOM NORTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 1 / A700



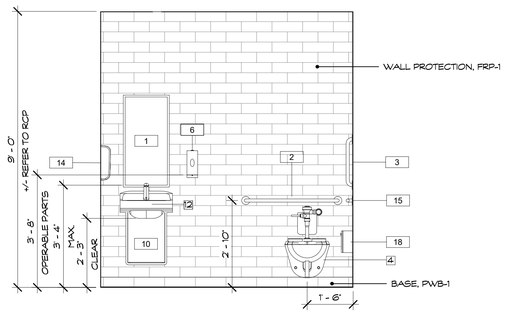
WOMEN'S RESTROOM EAST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 2 / A700



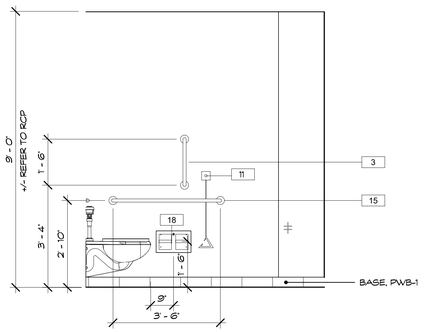
WOMEN'S RESTROOM SOUTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 3 / A700



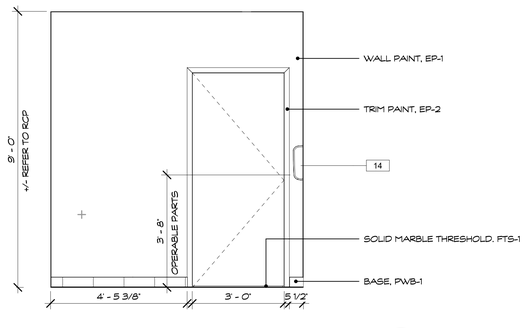
WOMEN'S RESTROOM WEST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 4 / A700



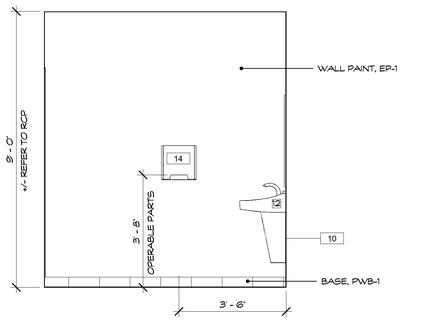
MEN'S RESTROOM NORTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 5 / A700



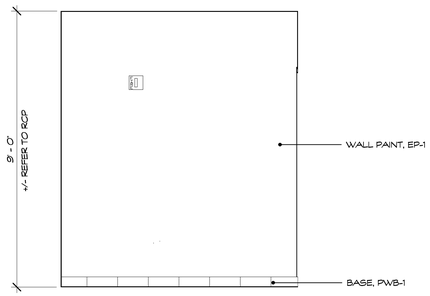
MEN'S RESTROOM EAST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 6 / A700



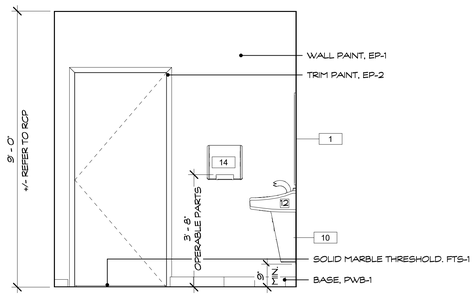
MEN'S RESTROOM SOUTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 7 / A700



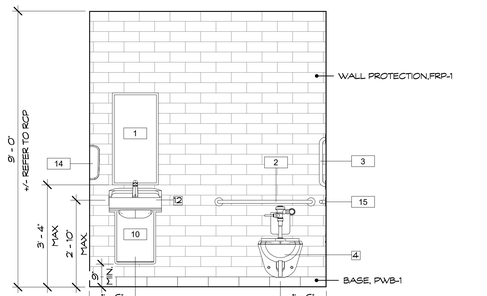
MEN'S RESTROOM WEST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 8 / A700



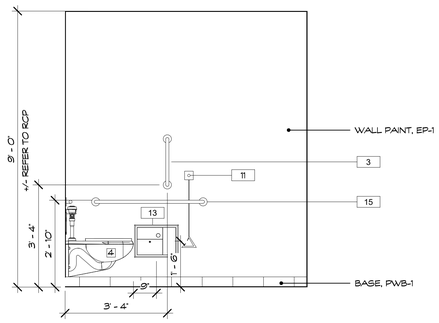
UNISEX RESTROOM NORTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 9 / A700



UNISEX RESTROOM EAST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 10 / A700



UNISEX RESTROOM SOUTH — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 11 / A700



UNISEX RESTROOM WEST — SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 1 / A160 — 12 / A700

Project Title:
Colchester Senior Center
Town of Colchester
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Colchester, CT 06415

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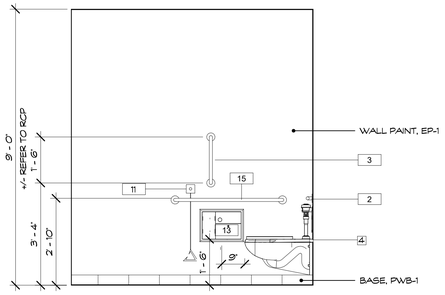
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

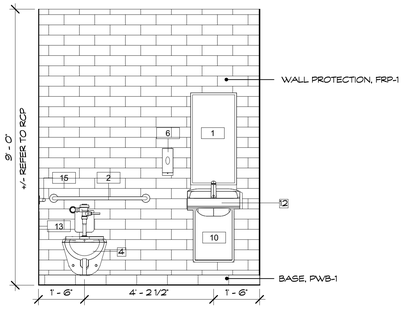
Drawing Title:
INTERIOR TOILET ELEVATIONS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D
Project Number: 20.003

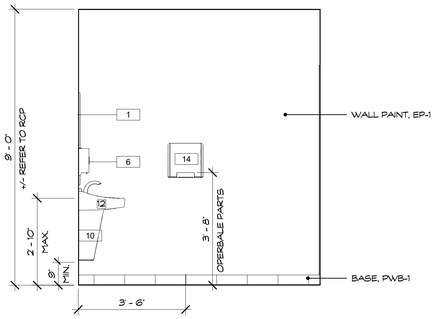
Drawing Number: A700



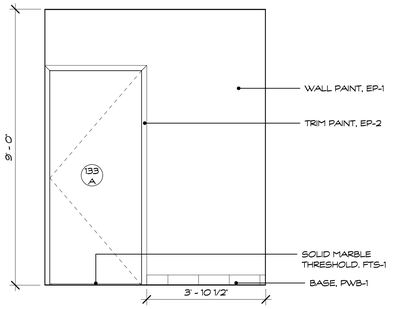
STAFF TOILET ROOM NORTH — 1 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



STAFF TOILET ROOM EAST — 2 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



STAFF TOILET ROOM SOUTH — 3 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



STAFF TOILET ROOM WEST — 4 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160

GENERAL TOILET ROOM NOTES

1. ALL EXPOSED PIPING AT LAVS TO BE CONCEALED WITH LAV SHIELD. SEE PROJECT MANUAL FOR INFORMATION.

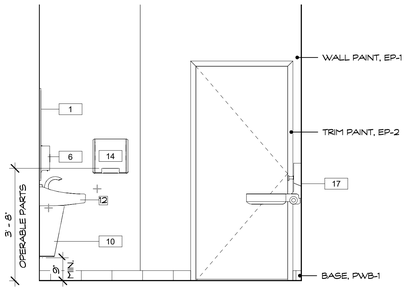
2. PROVIDE CONCEALED BLOCKING FOR ALL WALL MOUNTED ACCESSORIES, INCLUDING BUT NOT LIMITED TO GRAB BARS, TISSUE DISPENSERS, SOAP DISPENSERS, HAND DRYERS & MIRRORS. ADDITIONALLY, PROVIDING BLOCKING IN WALL FOR ADDITION OF FUTURE PAPER TOWEL DISPENSERS - COORDINATE FINAL LOCATION IN FIELD w/ OWNER AND ARCHITECT.

3. ALL DIMENSIONS ON DRAWING A160 ARE TAKEN FROM FINISH FACE OF WALL

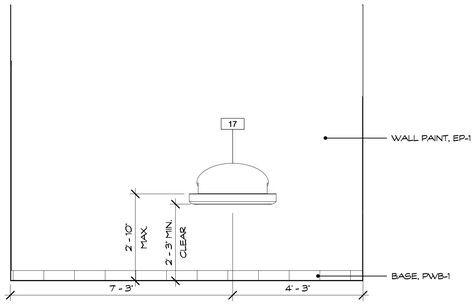
4. REFER TO ELEVATIONS FOR MOUNTING HEIGHTS.

TOILET ACCESSORIES

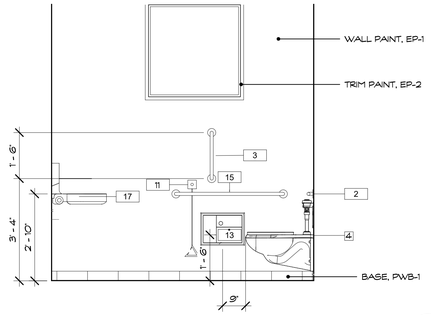
1	18" X 36" MIRROR (CENTER ON LAV)
2	36" HORIZ. GRAB BAR
3	18" VERT. GRAB BAR
4	WALL MOUNTED H.C. WATER CLOSET (18" TO TOP OF SEAT) (SEE PLUMBING DWGS)
5	WALL MOUNTED H.C. URINAL (17" TO RIM) (SEE PLUMBING. DWGS)
6	WALL MTD. HC SOAP DISPENSER
7	TOILET PARTITIONS, SEE PROJ. MAN. (INCLUDE HOOKS FOR STALLS)
8	URINAL SCREEN; SEE PROJ. MAN.
9	MOP & BROOM HOLDER (36" W / 3 HOLDERS)
10	LAVGUARD (SEE P. DWGS)
11	EMERGENCY CALL FOR AID (PULL CORD 12" A.F.F.) (SEE ELECTRICAL DWGS)
12	WALL MOUNTED LAV (REFER TO ELEVS FOR MOUNTING HEIGHT) (SEE PLUMBING DWGS)
13	RECESSED MOUNTED TOILET PAPER DISPENSER & SANITARY NAPKIN DISPOSAL
14	WALL MOUNTED ELECTRIC HAND DRYER
15	42" HORIZ. GRAB BAR
16	UNDERMOUNT SINK (SEE PLUMBING DWGS)
17	BABY CHANGING STATION
18	SURFACE MOUNTED TOILET PAPER DISPENSER
19	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL



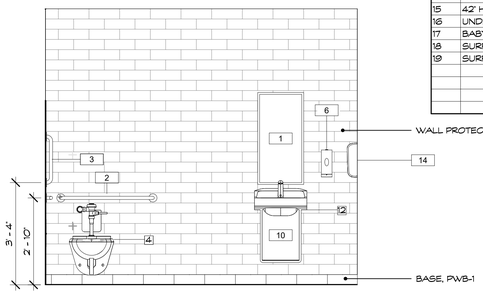
FAMILY TOILET ROOM NORTH — 5 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



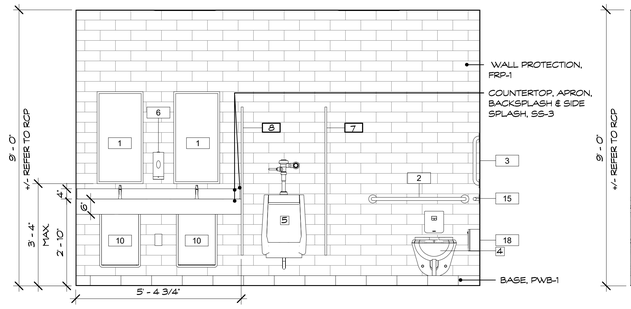
FAMILY TOILET ROOM EAST — 6 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



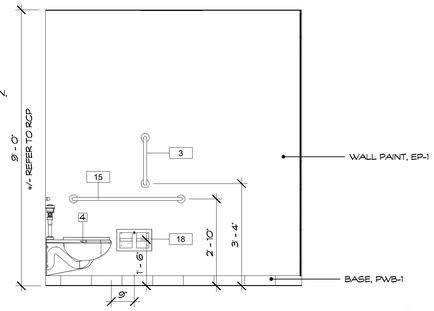
FAMILY TOILET ROOM SOUTH — 7 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



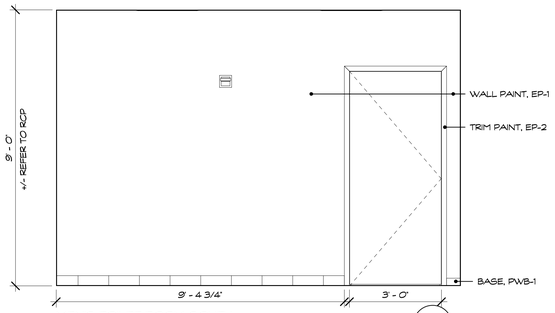
FAMILY TOILET ROOM WEST — 8 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 2 / A160



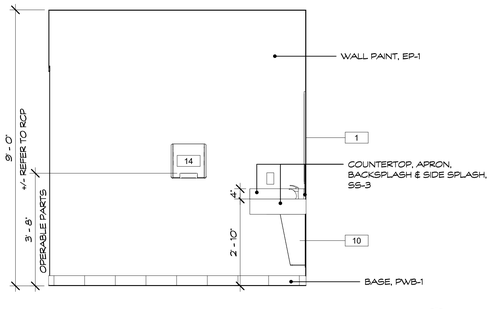
MEN'S TOILET ROOM NORTH — 9 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



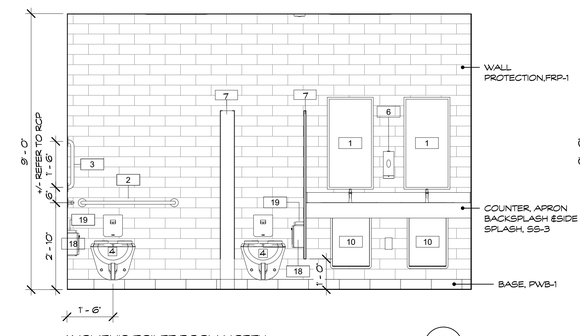
MEN'S TOILET ROOM EAST — 10 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



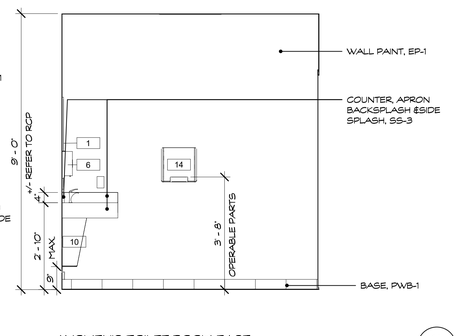
MEN'S TOILET ROOM SOUTH — 11 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



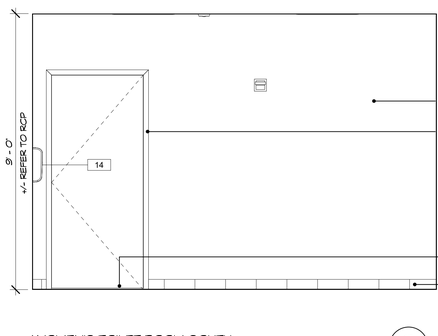
MEN'S TOILET ROOM WEST — 12 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



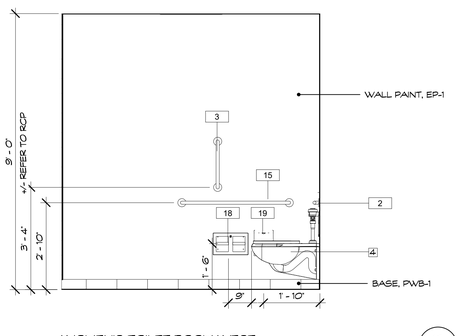
WOMEN'S TOILET ROOM NORTH — 13 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



WOMEN'S TOILET ROOM EAST — 14 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



WOMEN'S TOILET ROOM SOUTH — 15 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160



WOMEN'S TOILET ROOM WEST — 16 / A701
SCALE: 1/2" = 1'-0" — REFERENCE VIEW: 3 / A160

Project Title:
Colchester Senior Center
Town of Colchester
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Colchester, CT 06415

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Architects / Engineers / Interior Designers

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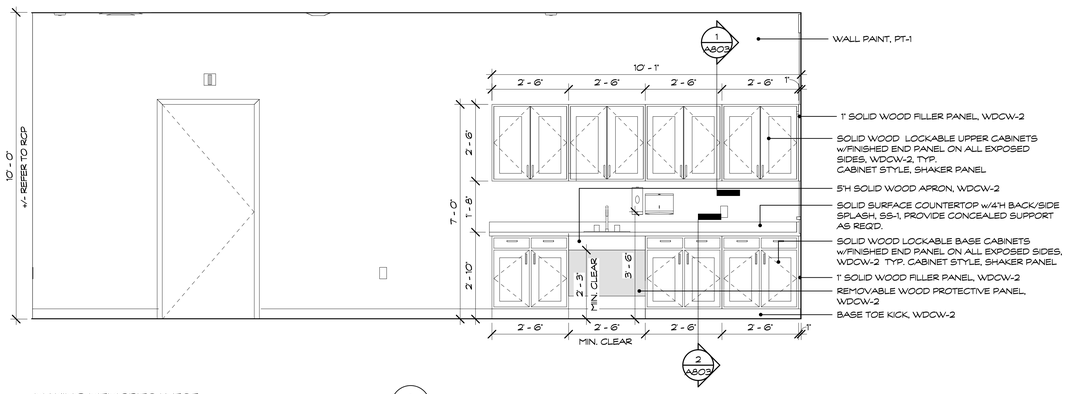
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
INTERIOR TOILET ELEVATIONS

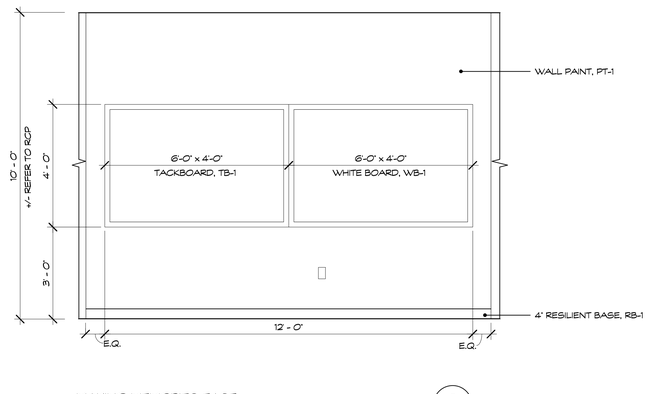
Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003

Drawing Number: A701



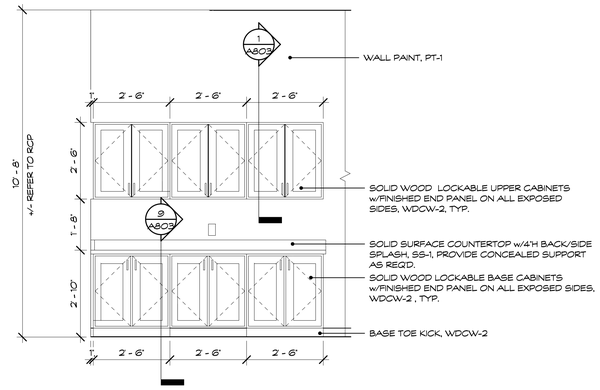
MAKING MEMORIES WEST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 1 / A710



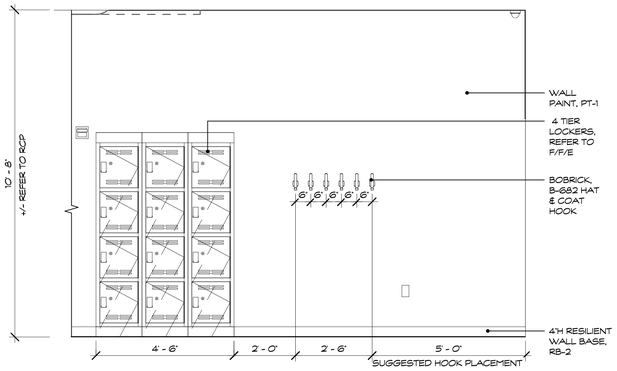
MAKING MEMORIES EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 2 / A710



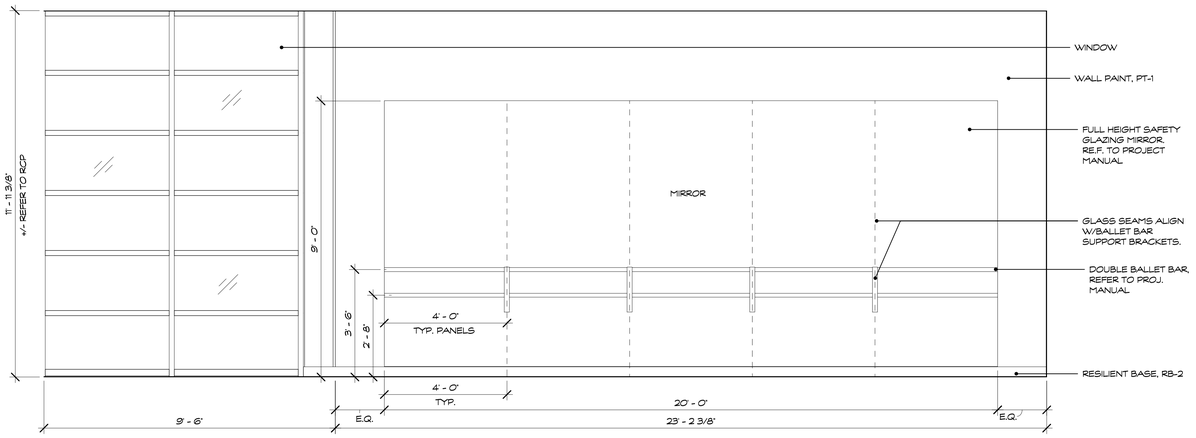
FITNESS CENTER NORTH A

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 3 / A710



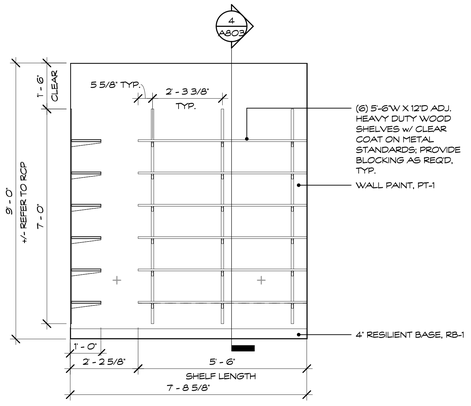
FITNESS CENTER NORTH B

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 4 / A710



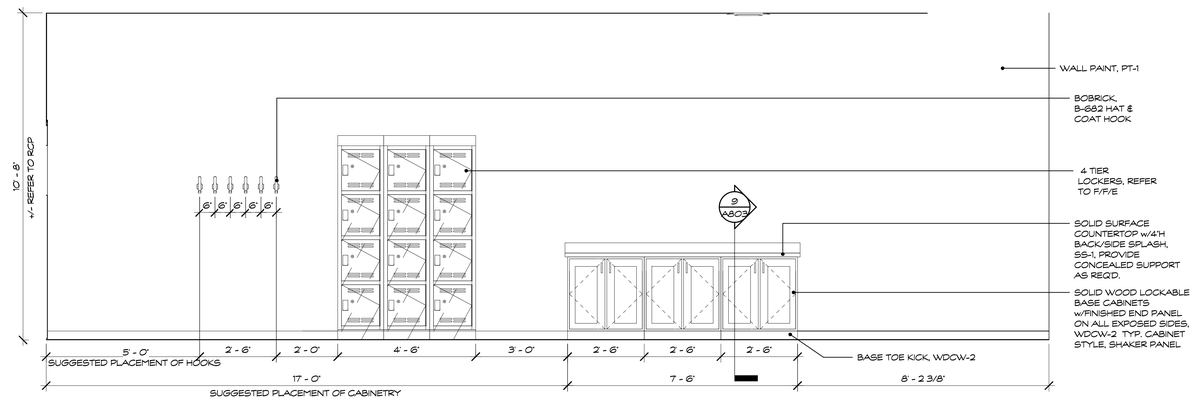
FITNESS ROOM NORTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 5 / A710



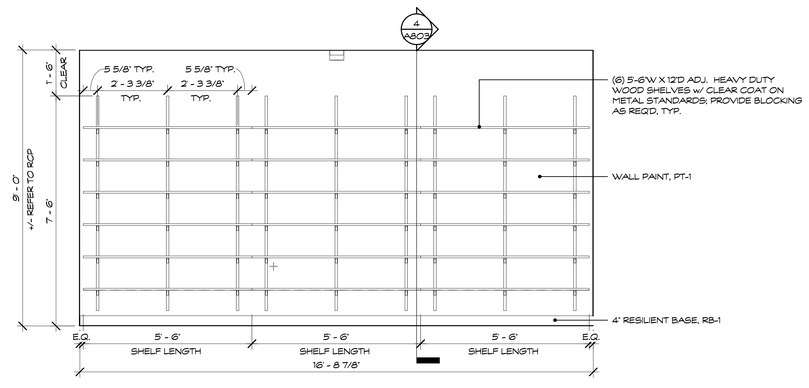
STORAGE FITNESS RM SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: — 6 / A710



FITNESS ROOM SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 7 / A710



STORAGE FITNESS RM EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 8 / A710

GENERAL NOTES

1. CONTRACTOR TO INSTALL CONCEALED BLOCKING AT ALL LOCATIONS WHERE NEEDED TO SECURE CABINETS, COUNTERTOPS, SOAP, PAPER TOWEL DISPENSERS AND ALL NECESSARY ACCESSORIES.
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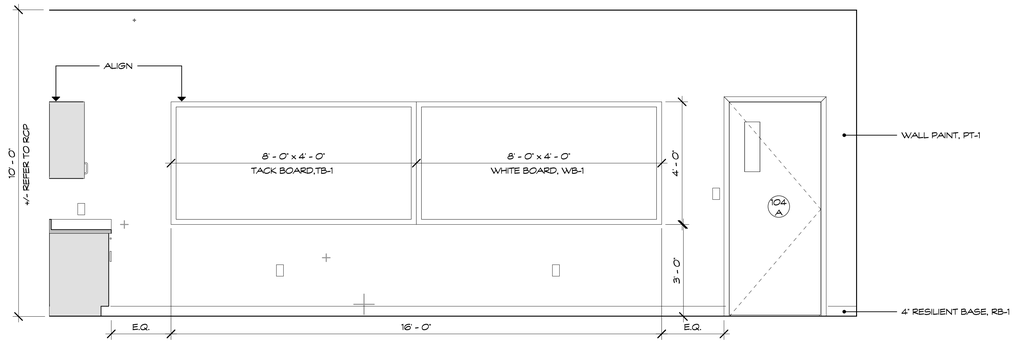
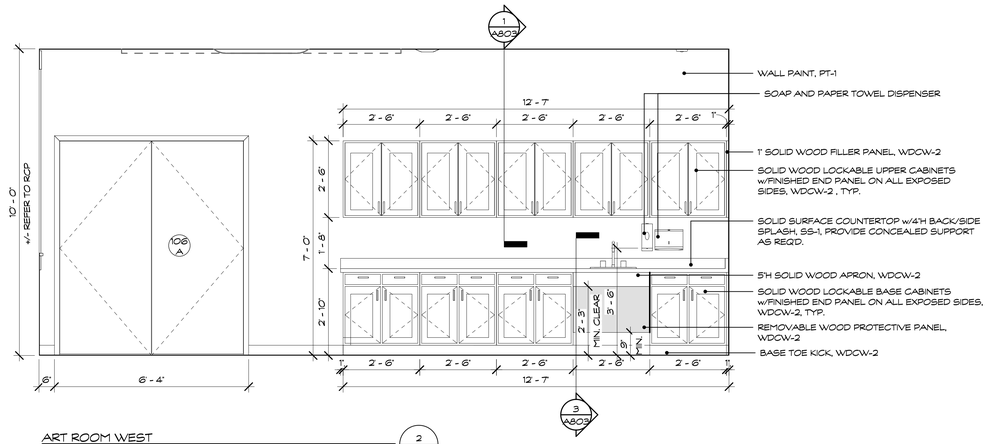
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
INTERIOR ELEVATIONS

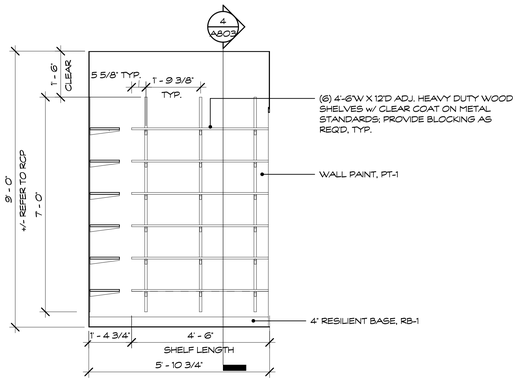
Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003
Drawing Number: A710



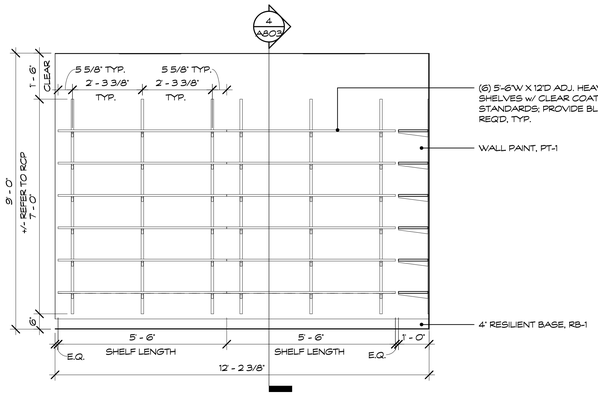
ART ROOM NORTH
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 (1 / A711)



ART ROOM WEST
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 (2 / A711)



STORAGE-ART RM NORTH
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 (3 / A711)



STORAGE-ART RM WEST
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 (4 / A711)

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Date: SEPTEMBER 09, 2022
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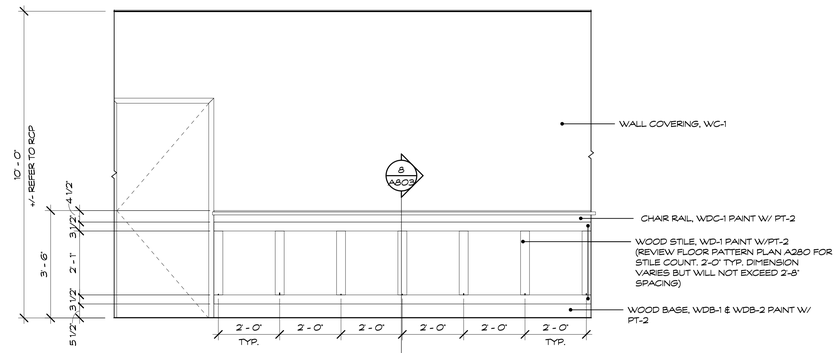
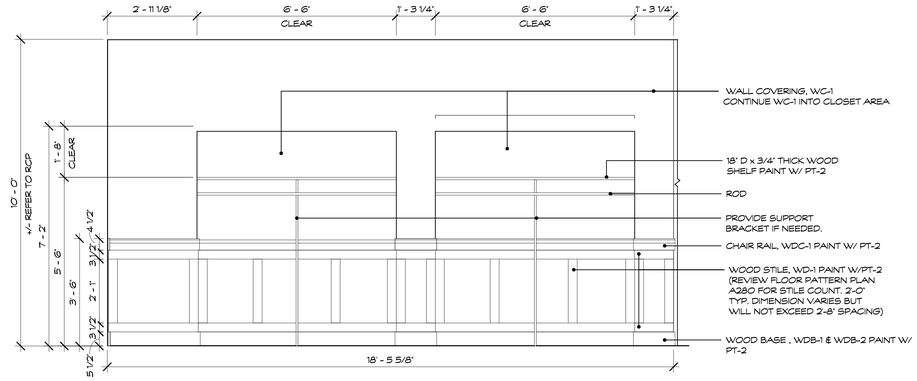
Drawn By: Author
Project Number: 20.003
Drawing Number: A711



TYP. CORRIDOR ELEVATION

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A1 1 / A712



CORR/GALLERY STORAGE SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A1 0 2 / A712

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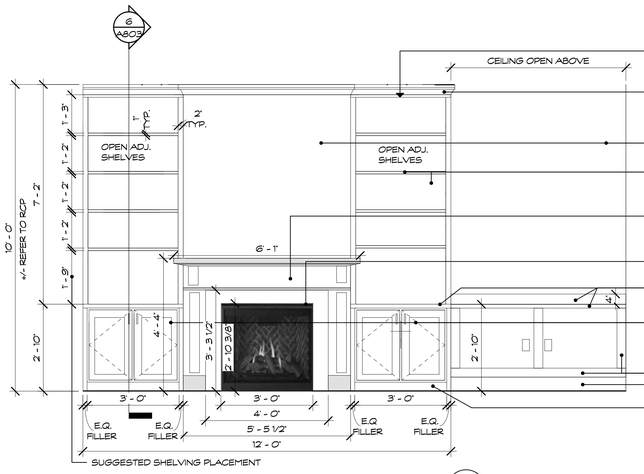
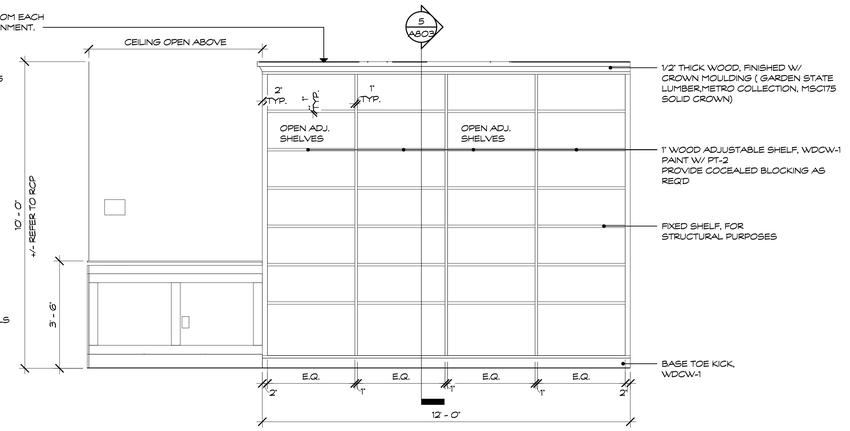
Drawn By: Author
Project Number: 20.003

Drawing Number:
A712



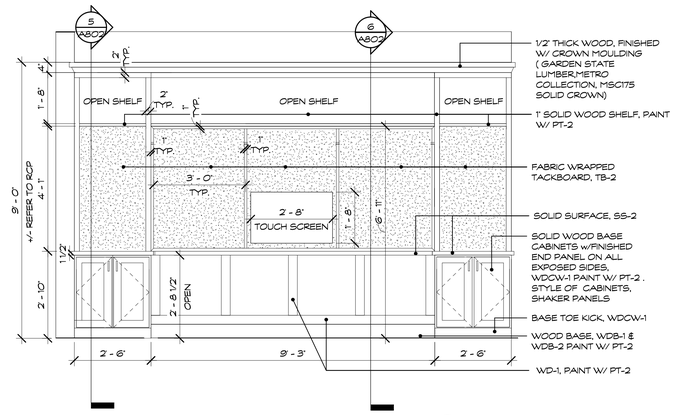
LIBRARY-EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 1 / A713



LIBRARY WEST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 2 / A713



KIOSK- NORTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A1 — 3 / A713

VESTIBULE EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 4 / A713

VESTIBULE WEST

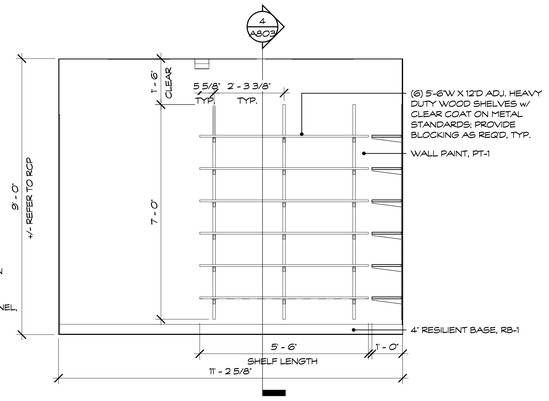
SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 5 / A713

GAME ROOM SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 6 / A713

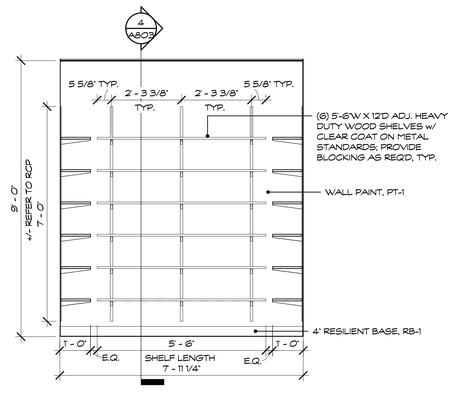
ACTIVITY ROOM SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 7 / A713



STORAGE -ACTIVITY RM NORTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 8 / A713



STORAGE-ACTIVITY RM EAST

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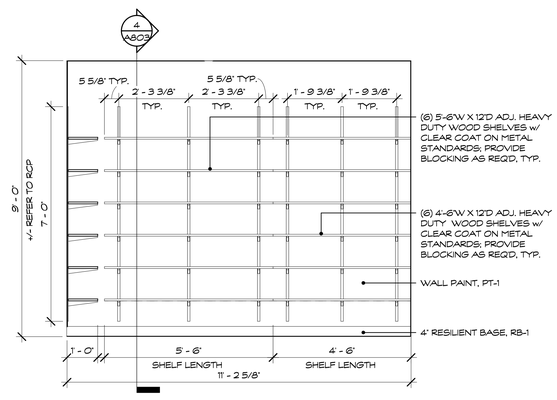

STORAGE-ACTIVITY RM SOUTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 10 / A713

GENERAL NOTES

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Drawing Title: INTERIOR ELEVATIONS

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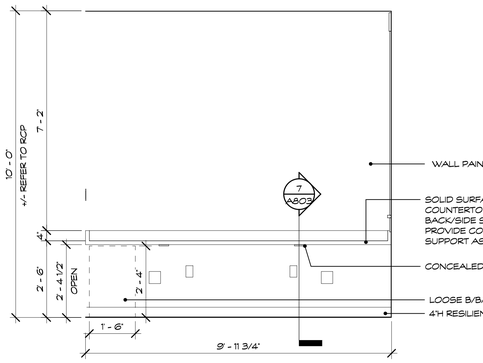
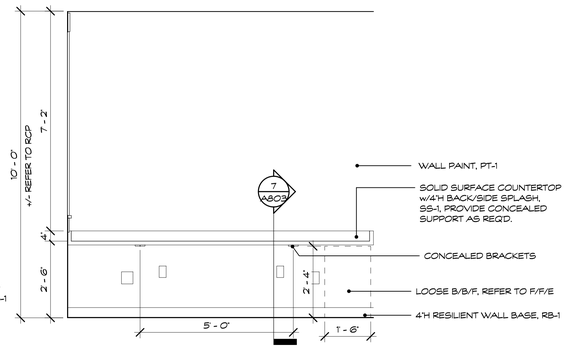
Drawn By: B.D.
Project Number: 20.003
Drawing Number: A713



TRANSPORTATION EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 1 / A714



TRANSPORTATION- WEST

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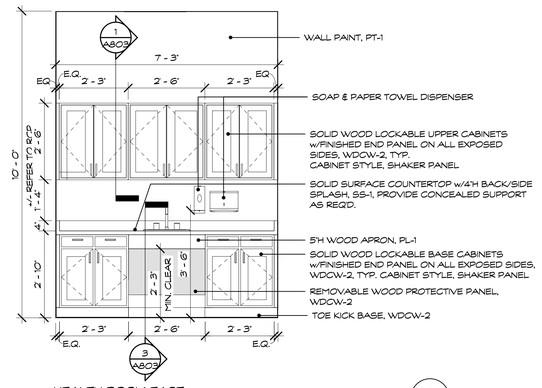
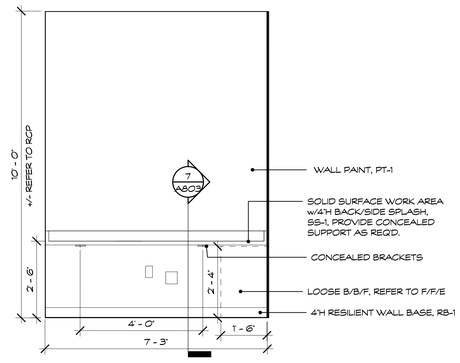


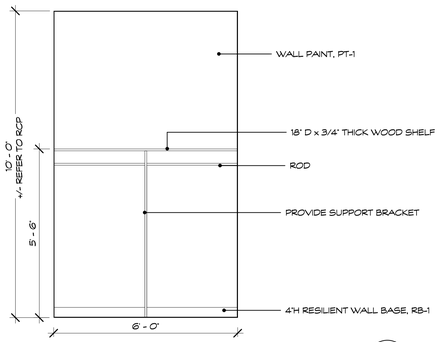
HEALTH ROOM EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 3 / A714



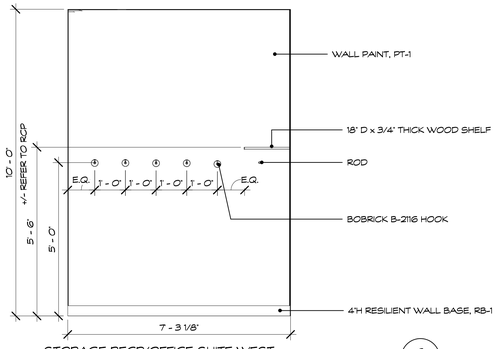
HEALTH ROOM WEST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 4 / A714



STORAGE RECP/OFFICE SUITE NORTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 5 / A714



STORAGE RECP/OFFICE SUITE WEST

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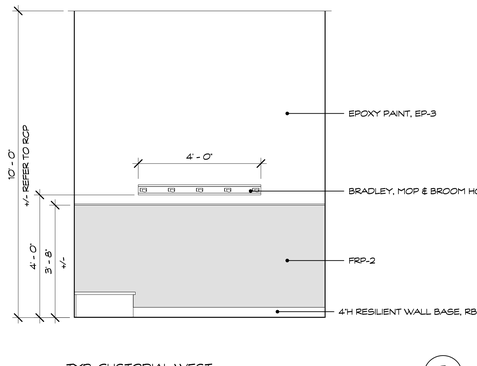
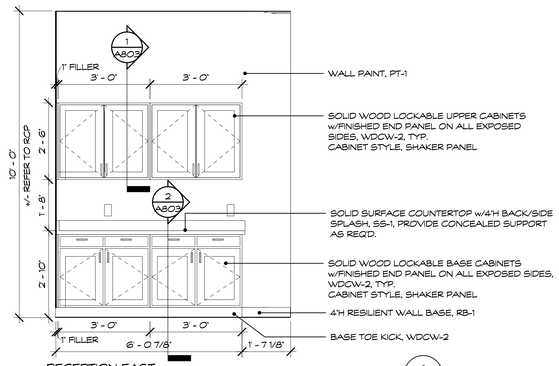


TYP. CUSTODIAL WEST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 7 / A714



RECEPTION EAST

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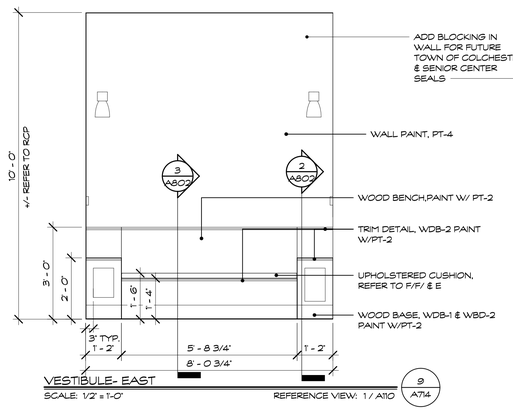
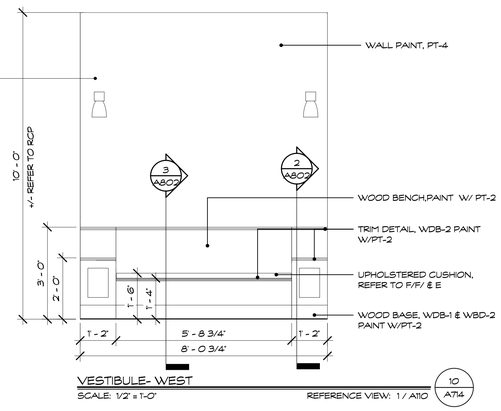


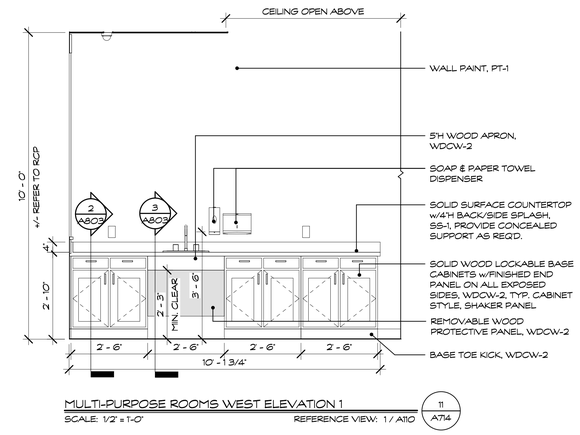
VESTIBULE- EAST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 9 / A714



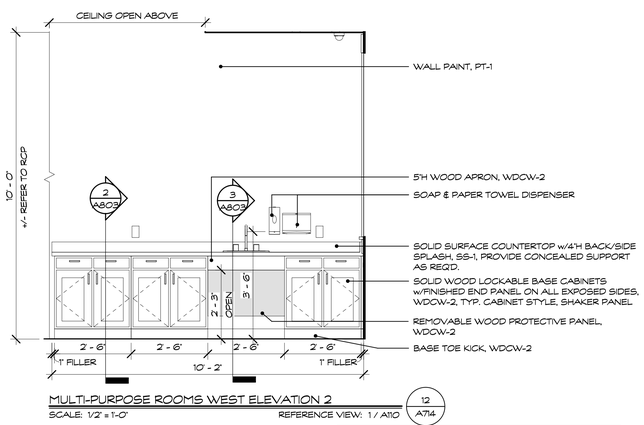
VESTIBULE- WEST

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 10 / A714



MULTI-PURPOSE ROOMS WEST ELEVATION 1

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 11 / A714



MULTI-PURPOSE ROOMS WEST ELEVATION 2

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A110 — 12 / A714

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Date: SEPTEMBER 09, 2022
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Drawn By: B.D
Project Number: 20.003
Drawing Number: A714

GENERAL CASEWORK NOTES

1. CONTRACTOR TO INSTALL CONCEALED BLOCKING AT ALL LOCATIONS WHERE NEEDED TO SECURE CABINETS, COUNTERTOPS & ACCESSORIES.

2. ALL VISIBLE SURFACES, INCLUDING CABINET INTERIORS TO BE FINISHED IN CORRESPONDING WOOD. MELAMINE WILL NOT BE ACCEPTED.

3. ALL UPPER & BASE CABINETS WILL BE FINISHED WITH WOOD, SHAKER PANELS 3" PERIMETER, TYP.

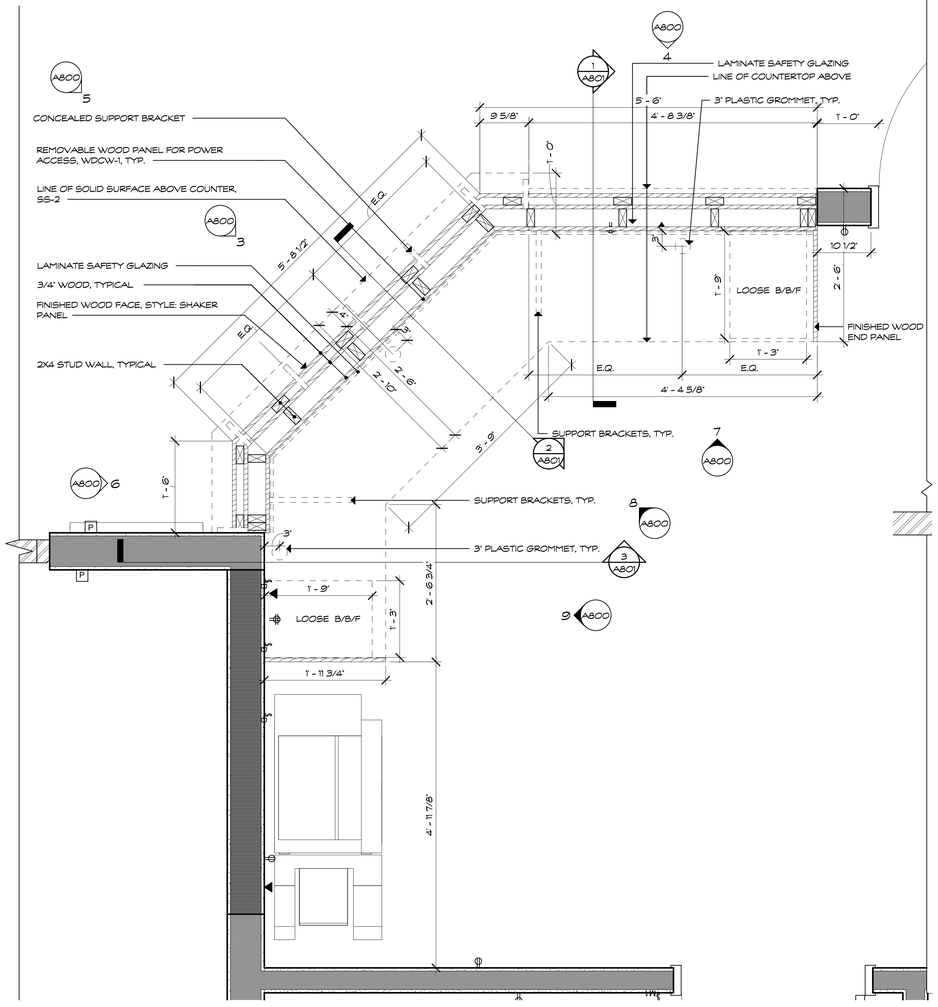
4. DESIGN INTENT FOR WOOD TOE KICK IS TO HAVE A CONTINUOUS LOOK. NO SEAMS FROM THE BASE CABINETS SHOULD BE EXPOSED.

5. ALL CABINET, APRONS, TOP DRAWERS/DRAWER FRONTS TO ALIGN USING 5" AS STANDARD DIMENSION; EXCEPT WHERE OTHERWISE NOTED.

6. ALL CASEWORK DOORS AND DRAWERS TO BE LOCKABLE.

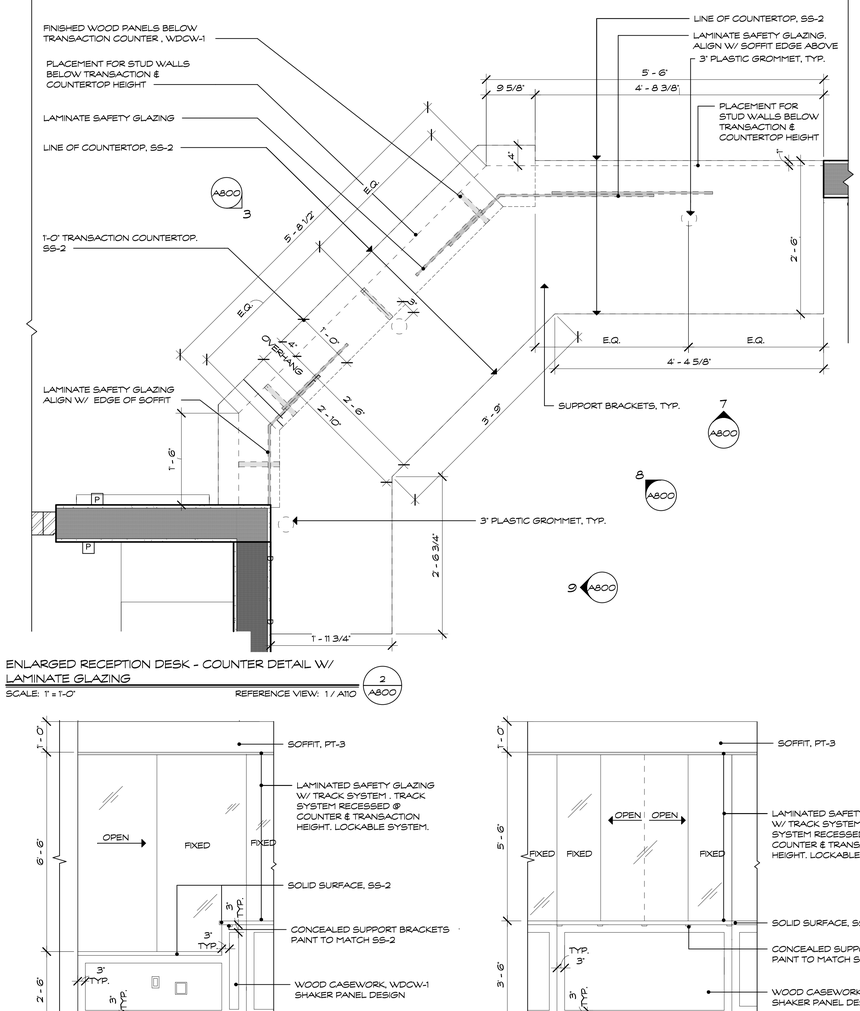
7. ALL CASEWORK MUST COMPLY WITH ADA HEIGHT AND CLEARANCE REQ.

8. PROVIDE STEEL BRACKETS FOR COUNTERTOP SUPPORT EVERY 5'-0" MAX. REFER TO PROJECT MANUAL.



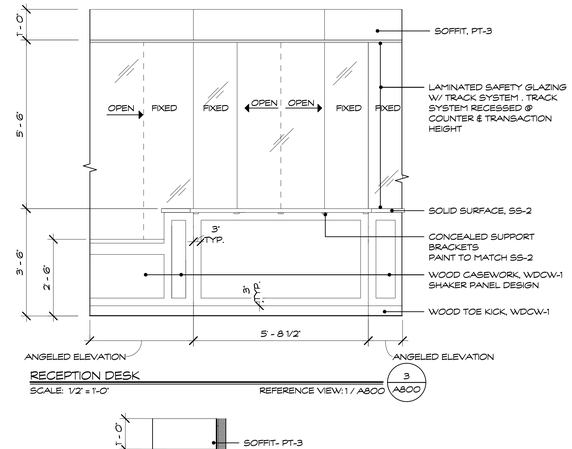
ENLARGED RECEPTION DESK

SCALE: 1" = 1'-0" REFERENCE VIEW: 1 / A800



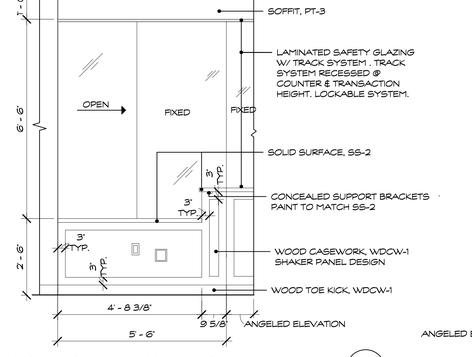
ENLARGED RECEPTION DESK - COUNTER DETAIL W/ LAMINATE GLAZING

SCALE: 1" = 1'-0" REFERENCE VIEW: 1 / A110 — 2 / A800



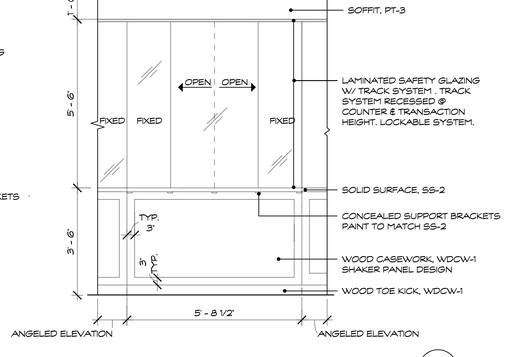
RECEPTION DESK

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 3 / A800



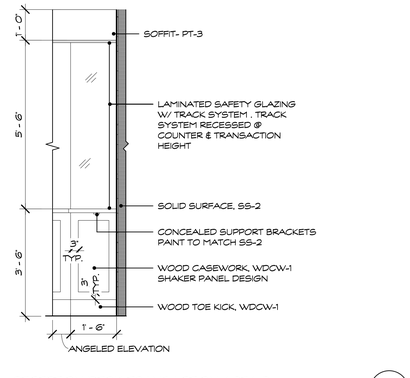
RECEPTION DESK - ADA COMPLIANT

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 4 / A800



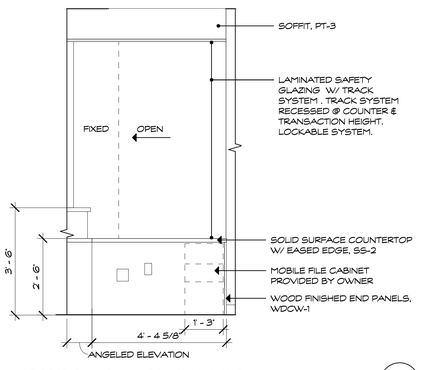
RECEPTION DESK -TRANSACTION AREA A

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 5 / A800



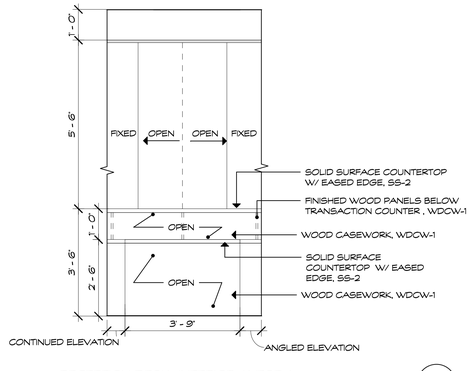
RECEPTION DESK-TRANSACTION AREA B

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 6 / A800



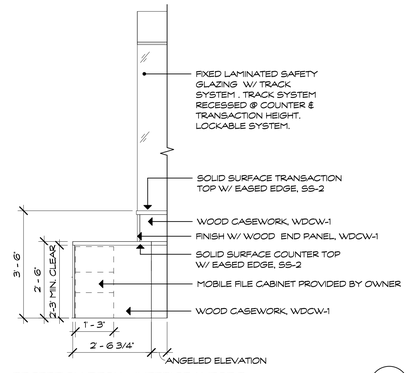
RECEPTION DESK-INTERIOR - NORTH

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 7 / A800



RECEPTION DESK- INTERIOR -WEST A

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 8 / A800



RECEPTION DESK - INTERIOR-WEST B

SCALE: 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 9 / A800

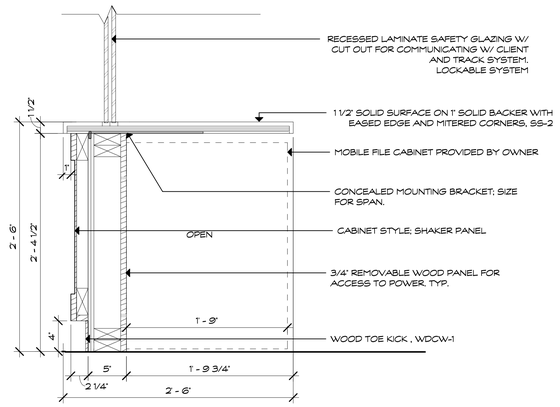
Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

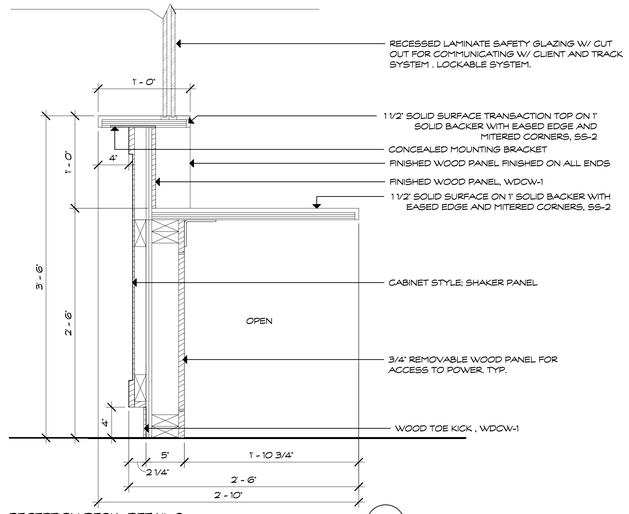
Drawing Title:
CASEWORK
DETAILS-RECEPTION DESK

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D
Project Number: 20.003
Drawing Number: A800



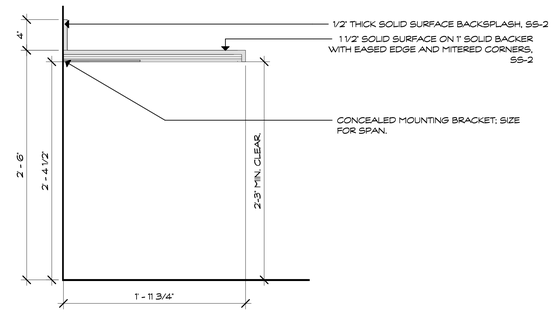
RECEPTION DESK- DETAIL 1

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 1 / A801



RECEPTION DESK- DETAIL 2

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 2 / A801



RECEPTION DESK- DETAIL 3

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A800 — 3 / A801

GENERAL CASEWORK NOTES

1. CONTRACTOR TO INSTALL CONCEALED BLOCKING AT ALL LOCATIONS WHERE NEEDED TO SECURE CABINETS, COUNTERTOPS & ACCESSORIES.

2. ALL VISIBLE SURFACES, INCLUDING CABINET INTERIORS TO BE FINISHED IN CORRESPONDING WOOD. MELAMINE WILL NOT BE ACCEPTED.

3.ALL UPPER & BASE CABINETS WILL BE FINISHED WITH WOOD, SHAKER PANELS 3" PERIMETER, TYP.

4. DESIGN INTENT FOR WOOD TOE KICK IS TO HAVE A CONTINUOUS LOOK. NO SEAMS FROM THE BASE CABINETS SHOULD BE EXPOSED.

5. ALL CABINET APRONS, TOP DRAWERS/DRAWER FRONTS TO ALIGN USING 5" AS STANDARD DIMENSION; EXCEPT WHERE OTHERWISE NOTED.

6. ALL CASEWORK DOORS AND DRAWERS TO BE LOCKABLE.

7.ALL CASEWORK MUST COMPLY WITH ADA HEIGHT AND CLEARANCE REQ.

8. PROVIDE STEEL BRACKETS FOR COUNTERTOP SUPPORT EVERY 5'-0" MAX. REFER TO PROJECT MANUAL.

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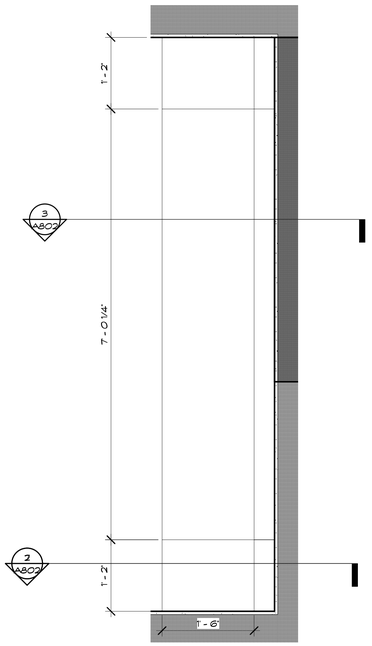
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

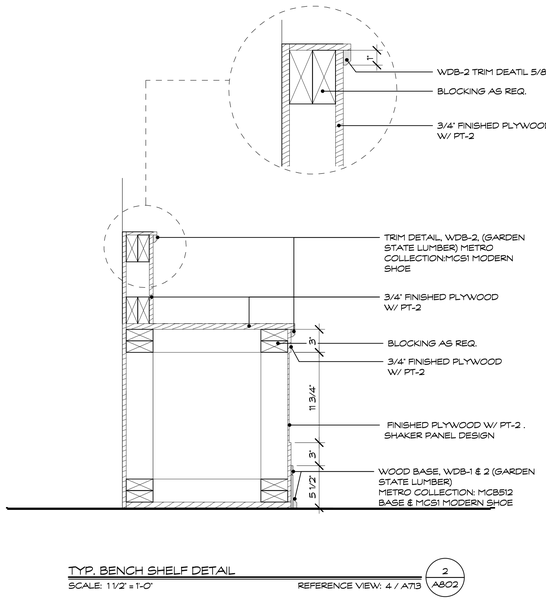
Drawing Title:
CASEWORK DETAIL-
RECEPTION DESK

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003

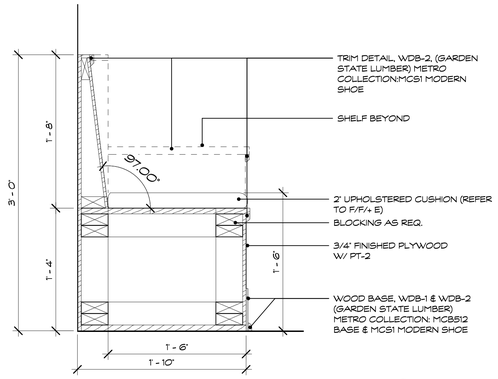
Drawing Number: A801



ENLARGED VESTIBULE BENCH
SCALE: 1" = 1'-0" REFERENCE VIEW: 1 / A110 — 1 / A802

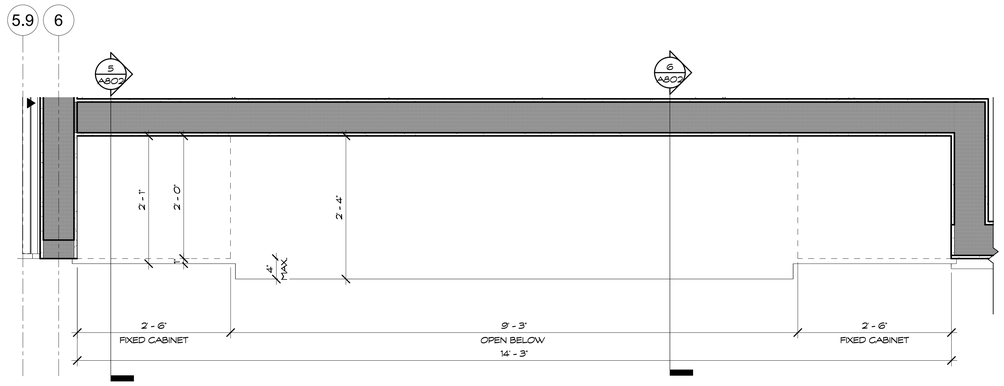


TYP. BENCH SHELF DETAIL
SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 4 / A713 — 2 / A802

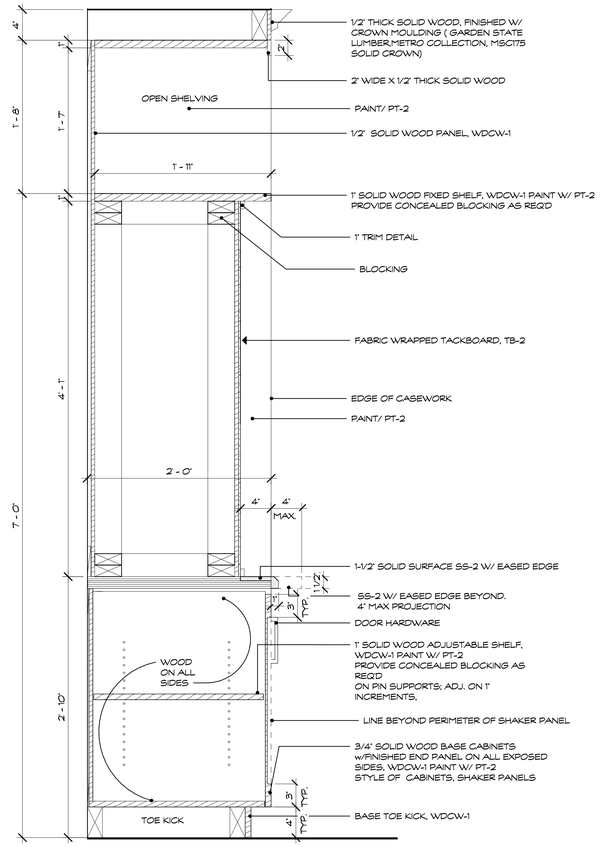


TYP. BENCH DETAIL
SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 4 / A713 — 3 / A802

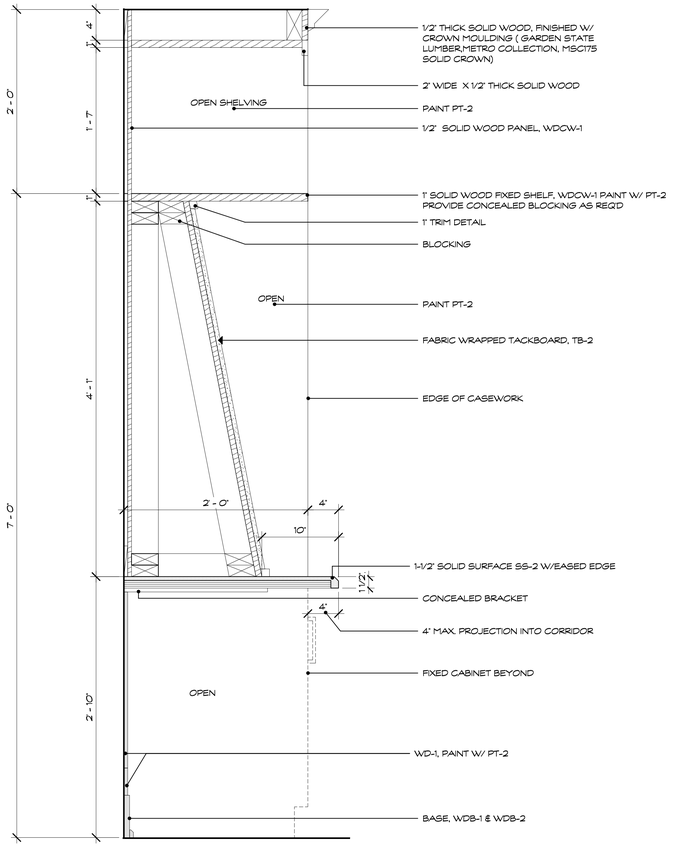
VESTIBULE BENCH INSPIRATION IMAGE



ENLARGED KIOSK
SCALE: 1" = 1'-0" REFERENCE VIEW: 1 / A110 — 4 / A802



KIOSK DETAIL W/ BASE CABINET
SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 3 / A713 — 5 / A802



KIOSK DETAIL
SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 3 / A713 — 6 / A802

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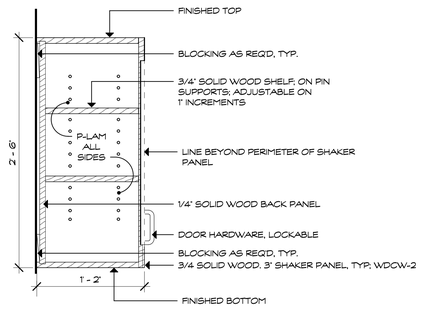
	ISSUED FOR BID	09/09/2022	

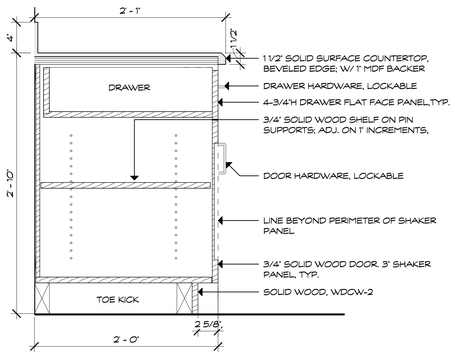
Drawing Title:
CASEWORK DETAILS- BENCH & KIOSK

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003
Drawing Number: A802



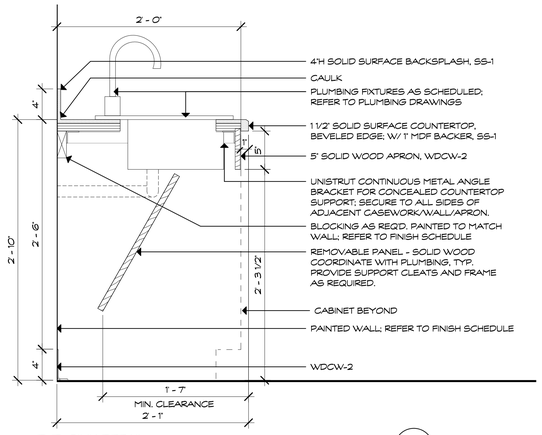
TYP. 30" HIGH UPPER CABINET

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A710 — 1 / A803



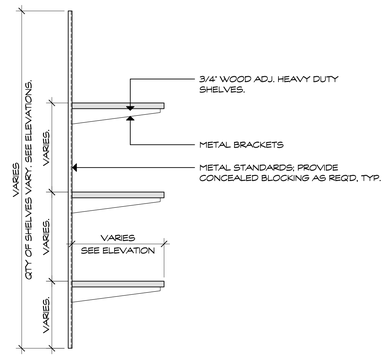
TYP. BASE CABINET W/DRAWERS

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A710 — 2 / A803



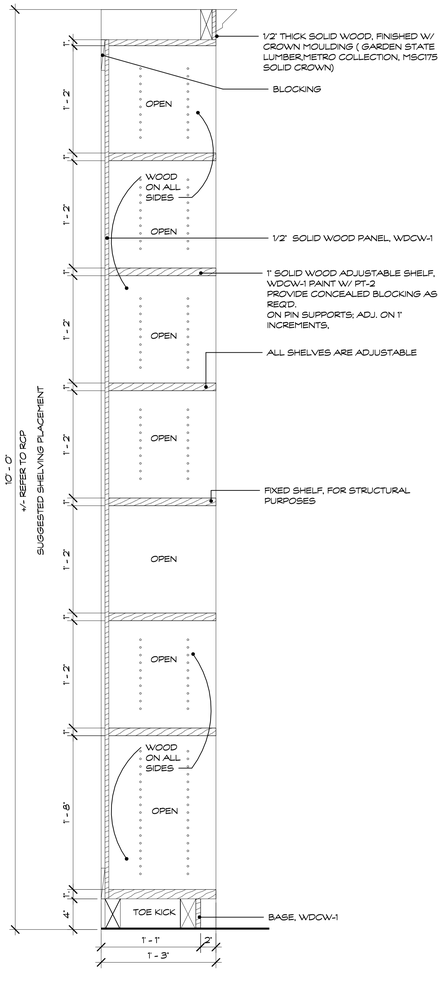
TYP. SINK DETAIL

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 2 / A711 — 3 / A803



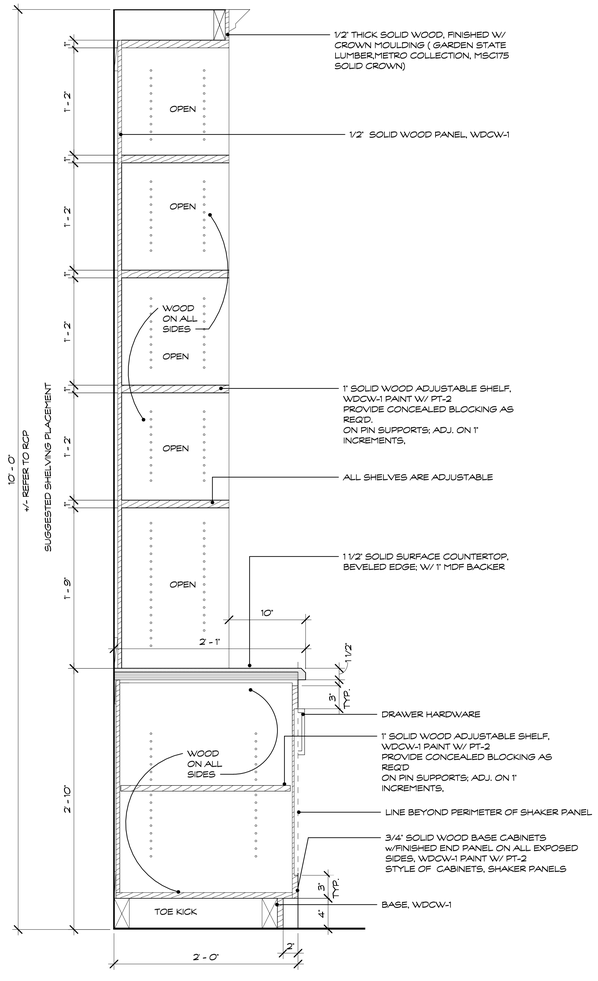
ADJUSTABLE SHELVES

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 6 / A710 — 4 / A803



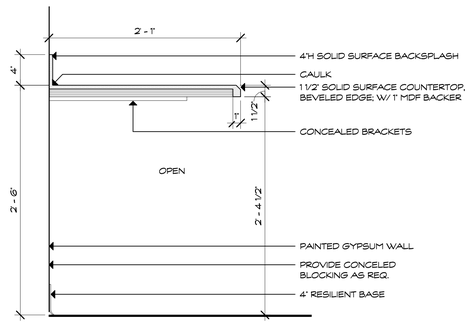
TYP. BOOKCASE SECTION

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 2 / A713 — 5 / A803



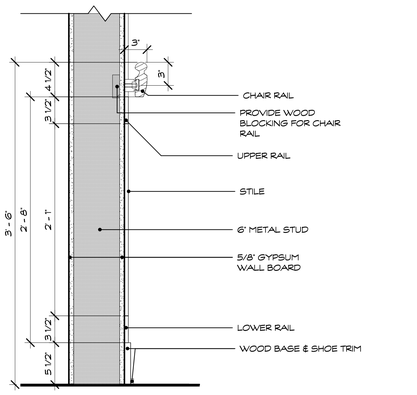
TYP. BOOKSHELF W/ BASE CABINET

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A713 — 6 / A803



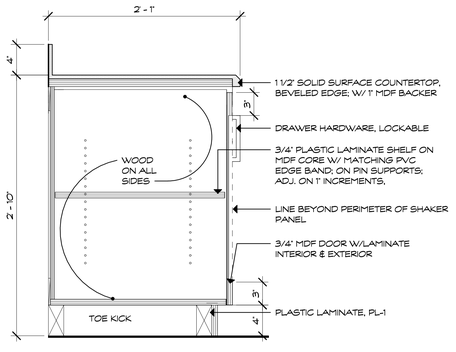
TYP. COUNTER DETAIL W/O APRON

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A714 — 7 / A803



TYP. CHAIR RAIL DETAIL

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 1 / A712 — 8 / A803



TYP. BASE CABINET

SCALE: 1 1/2" = 1'-0" REFERENCE VIEW: 3 / A710 — 9 / A803

GENERAL CASEWORK NOTES

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8. PROVIDE STEEL BRACKETS FOR COUNTERTOP SUPPORT EVERY 5'-0" MAX, REFER TO PROJECT MANUAL.

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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
CASEWORK DETAILS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: B.D.
Project Number: 20.003
Drawing Number: A803

DOOR SCHEDULE - FIRST FLOOR LEVEL

DOOR NUMBER	FROM ROOM No.	TO ROOM No.	DOUBLE LEAF DOOR	UNEVEN DOUBLE LEAF	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	SADDLE DETAIL	FRAME GLAZING	FIRE RATING: RESISTS PASSAGE OF SMOKE	FIRE RATING: 90 MINUTE LABELED	FIRE RATING: 60 MINUTE LABELED	FIRE RATING: 45 MINUTE LABELED	HARDWARE - REFER TO PROJECT MANUAL: NOT REQUIRED	FIRE CODE: PANIC/EXIT DEVICE	FIRE CODE: POSITIVE LATCHING	FIRE CODE: ELECTRO-MAGNETIC HOLD	FIRE CODE: DELAYED ACTION CLOSER	FIRE CODE: PUSH PLATES/PULL HANDLES	FIRE CODE: ALARMED EXIT - SEE ELEC.	DISABLED REQUIREMENTS: AUTOMATIC DOOR OPERATOR	DISABLED REQUIREMENTS: LEVER HANDLES	DISABLED REQUIREMENTS: KICK PLATE	DISABLED REQUIREMENTS: TACTILE WARNING	DISABLED REQUIREMENTS: ACCESSIBLE THRESHOLD	SIGNAGE TYPE - SEE A920	SIGNAGE TEXT	REMARKS
101 A		101	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●	●	●					●			1,2,3
102 A	101	102	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-10	SEE REMARKS, ITEM 1											●	●	●		●	●	●					●	S6	EXIT	1,2,3
104 A	104	103			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●					●	●			●	S1	ART	
105 A	105	103			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●		●				●	●			●	S1	CUSTODIAL	
106 A	106	104	●		6 - 0"	7 - 0"	1	WD	PTD		B	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	STORAGE	
107 A	107	103			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●		●				●	●			●	S1	FITNESS CENTER	5
107 B	107				4 - 0 1/2"	7 - 10 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●	●						●	S6	EXIT	1,3,4
108 A	103	108			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●		●				●	●			●	S1	FITNESS ROOM	5
108 B		108			4 - 0 1/2"	7 - 10 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●		●					●	S6	EXIT	1,3,4
109 A	109	108	●		6 - 0"	7 - 0"	1	WD	PTD		B	HM	PTD	HM-1	HM-1			●				●		●		●				●	●			●	S1	STORAGE	3
110 A	110	113			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S5	UNISEX	
111 A	103	111			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S3	MEN	
112 A	112	103			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S2	WOMEN	
113 A	103	113			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	MAKING MEMORIES	
114 A	115	114			3 - 0"	7 - 10 1/2"	3	AL	FF	GL-10	SEE REMARKS, ITEM 1											●		●		●				●				●	S1	CONFERENCE	
116 A	102	116			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	GAME ROOM	
117 A	102	117			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	ACTIVITY ROOM	
118 A	117	118			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	STORAGE	
119 A	130	119			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●		●				●	●			●	S1	IT/DATA	
120 A	130	120			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●				●	●				●			●	S3	MEN	
121 A	121	130			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●				●	●				●			●	S2	WOMEN	
122 A	122	130			3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	MECHANICAL	
122 B	122				3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-2	HM-2							●		●		●				●	●			●	S1	MECHANICAL	3
123 A	122	123			3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	ELECTRICAL	
124 A	125	124			3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-1	HM-1			●				●		●						●	●			●	S1	DRY STORAGE	
125 A	130	125			3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	KITCHEN	
125 B	125		●		6 - 0"	7 - 0"	1	HM	PTD		B	HM	PTD	HM-2	HM-2							●		●		●				●	●			●	S1	KITCHEN	3
126 A	130	126	●		6 - 0"	7 - 0"	2	WD	PTD	GL-2	B	HM	PTD	HM-1	HM-1							●	●	●		●				●	●			●	S1	MULTI-PURPOSE 1	3,5
126 B	126	125			3 - 0"	7 - 0"	1	HM	PTD		A	HM	PTD	HM-3	HM-3							●				●					●			●	S1	KITCHEN	
126 C		126	●		5' - 6 29/32"	8' - 0 3/4"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●		●			●			●	S6	EXIT	3
127 A	127	130	●		6 - 0"	7 - 0"	2	WD	PTD	GL-2	B	HM	PTD	HM-1	HM-1							●	●	●		●				●	●			●	S1	MULTI-PURPOSE 2	3,5
127 B		127	●		6 - 0"	8 - 1 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●		●			●			●	S6	EXIT	3
128 A	128	127	●		6 - 0"	7 - 0"	1	WD	PTD		B	HM	PTD					●				●		●						●	●			●	S1	STORAGE	
129 A		129	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●	●	●						●			1,2,3
129 B		129	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-13	SEE REMARKS, ITEM 1											●	●	●		●	●	●						●			1,2,3
130 A	102	130	●		6 - 0"	7 - 0"	2	WD	PTD	GL-2	B	HM	PTD									●	●	●		●				●	●			●			3,5
130 B	129	130	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-10	SEE REMARKS, ITEM 1											●	●			●	●							●			1,2,3
130 C	129	130	●		6 - 0"	7 - 10 1/2"	3	AL	FF	GL-10	SEE REMARKS, ITEM 1											●	●			●	●							●	S6	EXIT	1,2,3
131 A	130	131			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S4	FAMILY RESTROOM	
132 A	132	130			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●		●				●	●			●	S1	CUSTODIAL	
133 A	133	137			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S5	UNISEX	
134 A	137	134			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S7	DIRECTOR	
135 A	137	135			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S7	PROGRAM COORDINATOR	
136 A	136	137			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S7	ADMIN	
137 A	102	137			3 - 0"	7 - 0"	2	WD	PTD	GL-2	A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	OFFICE SUITE	
138 A	138	102			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	HEALTH	
141 A	141	137			3 - 0"	7 - 0"	1	WD	PTD		A	HM	PTD	HM-1	HM-1							●		●						●	●			●	S1	STORAGE	
AO2 B	AO2				5 - 8	7 - 0"	1	HM	PTD		B	HM	PTD									●	●	●						●	●	●		●	S10	SEE A920	3

ABBREVIATIONS

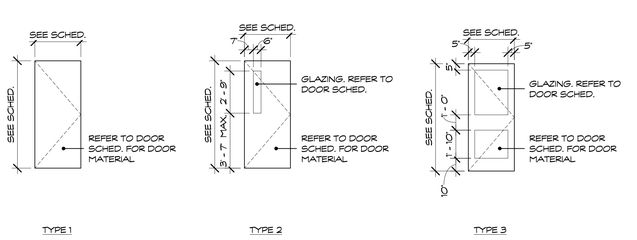
AL/ALUM	-	ALUMINUM
FF	-	FACTORY FINISH
F.R.S.G.	-	FIRE RATED SAFETY GLASS
HM	-	HOLLOW METAL
INSUL	-	INSULATED
IMP	-	INSULATED METAL PANEL
LAM	-	LAMINATED SAFETY GLASS
NF	-	NATURAL FINISH (STAINED)
PTD	-	PAINTED
SS	-	STAINLESS STEEL
STD	-	STAINED
STL	-	STEEL
TEMP	-	TEMPERED
WD	-	WOOD

GENERAL DOOR NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS & DIMENSIONS.
2. ALL NEW KICK PLATES SHALL BE 16" HIGH AND OFFSET 1" FROM EDGES OF DOOR UNLESS OTHERWISE NOTED. SEE SCHEDULE FOR MORE INFO.
3. ALL GLASS IN DOORS, SIDE LITES AND TRANSOMS SHALL BE TEMPERED. SEE SCHEDULE AND WINDOW ELEVATIONS FOR ADDITIONAL GLAZING REQUIREMENTS.
4. ALL EXTERIOR DOORS SHALL RECEIVE FULL WEATHER STRIPPING ON ALL SIDES, TOP AND BOTTOM.
5. ALL HOLLOW METAL FRAMES AND DOORS SHALL BE PAINTED.
6. ALL EXTERIOR DOORS SHALL RECEIVE CONTACTS FOR BURGLAR SYSTEM.
7. SEE SIGNAGE DETAILS AND PLANS - SHEETS A920 FOR ADDITIONAL SIGNAGE INFORMATION.
8. ALL EXTERIOR HM DOORS TO RECEIVE ALUMINUM SADDLES, (DETAIL 3/A551 SIM)

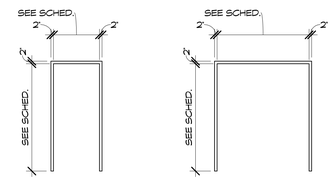
SCHEDULE REMARKS

1. FOR DOORS IN ALUMINUM FRAMES, REFER TO SHEET A600 FOR FRAME ELEVATIONS. ALL EXTERIOR DOORS TO RECEIVE ALUMINUM SADDLE (DETAIL 3/A551)
2. PROVIDE PULL HANDLE AT DOOR EXTERIOR - OMIT PUSH PLATE IN LIEU OF PANIC/EXIT DEVICE
3. PROVIDE CONTINUOUS HINGE AT DOORS INDICATED.
4. NO EXTERIOR HARDWARE, EXIT DOOR ONLY.
5. PROVIDE HOLD OPEN DOOR CLOSER
6. KITCHEN DOUBLE ACTING DOOR. PROVIDE PUSH PLATE BOTH SIDES



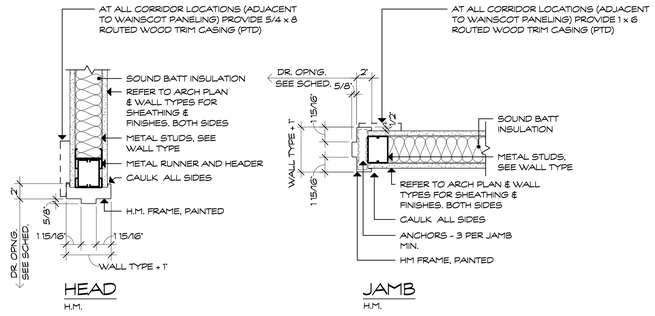
1 DOOR ELEVATIONS

1/4" = 1'-0"



2 H.M. FRAME ELEVATIONS

1/4" = 1'-0"

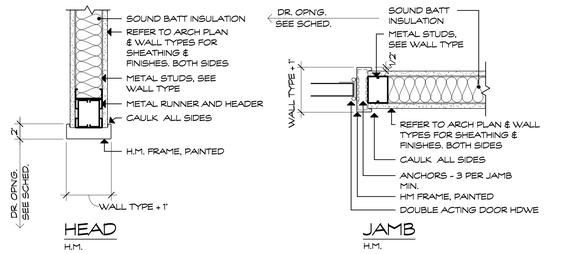


HM - 1

NEW INTERIOR FRAMED WALLS - FOR WALL TYPE AND RATING REQUIREMENTS SEE FLOOR PLANS

HM - 2

NEW EXTERIOR WALLS - FOR WALL TYPE AND RATING REQUIREMENTS SEE FLOOR PLANS

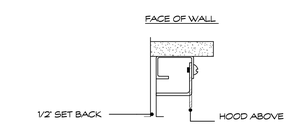


HM - 3

DOUBLE ACTING FRAME @ NEW INTERIOR FRAMED WALLS - FOR WALL TYPE AND RATING REQUIREMENTS SEE FLOOR PLANS

3 H.M. FRAME DETAILS

1 1/2" = 1'-0"



4 COILING KITCHEN DOOR

1/4" = 1'-0"

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
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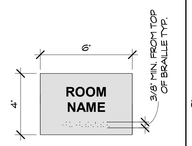
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
DOOR SCHEDULE, ELEVATIONS AND DETAILS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: C. NARDI
Project Number: 20.003

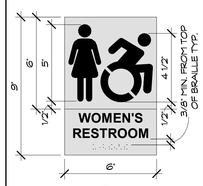
Drawing Number: A910

NOTE: COORDINATE TEXT AS INDICATED ON PLAN OR DOOR SCHEDULE.



TYPE S1

NOTE: COORDINATE TEXT AS INDICATED ON PLAN OR DOOR SCHEDULE. ADJUST FOR SINGLE LINE TEXT.



TYPE S2

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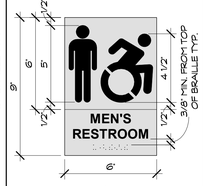


TYPE S3

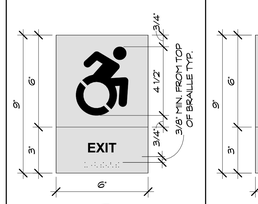
NOTE: COORDINATE TEXT AS INDICATED ON DOOR SCHEDULE. ADJUST FOR ONE-LINE TEXT.

TYPE S4

NOTE: COORDINATE TEXT AS INDICATED ON DOOR SCHEDULE. ADJUST FOR ONE-LINE TEXT.

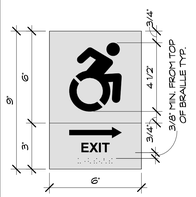
TYPE S5

NOTE: COORDINATE TEXT AS INDICATED ON PLAN OR DOOR SCHEDULE.



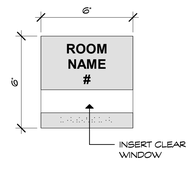
TYPE S6

NOTE: COORDINATE ARROW DIRECTION WITH THE PLAN / IN THE FIELD.



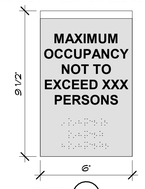
TYPE S6.1

NOTE: COORDINATE TEXT AS INDICATED ON PLAN OR DOOR SCHEDULE.



TYPE S7

NOTE: COORDINATE ACTUAL OCCUPANT LOAD WITH ARCHITECT AND FIRE MARSHAL. REFER TO CODE PLAN FOR OCCUPANT LOADS. PROVIDE AT MULTI-PURPOSE ROOMS



TYPE S8

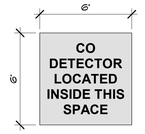
REQD FOR HIGH-PERFORMANCE PROVIDE 3 SIGNS OF TYPE S9. LOCATIONS TO BE DETERMINED IN THE FIELD.

TYPE S9

PROVIDE 3 SIGNS OF TYPE S10. LOCATIONS TO BE DETERMINED IN THE FIELD.

TYPE S10

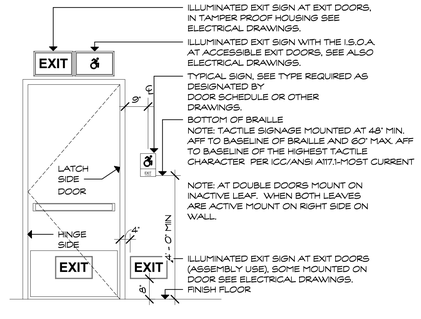
NOTE:
LOCATE OUTSIDE OF ALL ROOMS CONTAINING FUEL BURNING EQUIPMENT AND CO DETECTORS



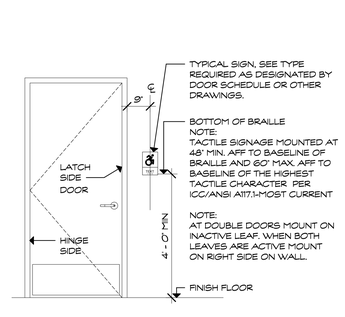
TYPE S11

SIGNAGE NOTES:

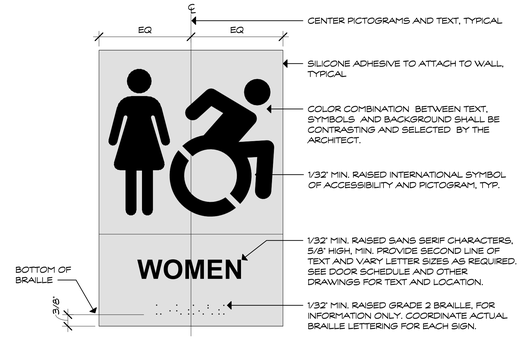
1. SIGNS SHALL COMPLY WITH CURRENT BUILDING CODE, ANSI STANDARDS, ADA REGULATIONS AND GUIDELINES, AND ALL OTHER APPLICABLE REGULATIONS.
2. TEXT ON SIGNS SHALL BE COORDINATED IN FIELD TO REFLECT ROOM USE, AND SHALL BE APPROVED BY ARCHITECT AND OWNER PRIOR TO FABRICATION.
3. SEE ALSO TYPICAL SIGN DETAIL AND TYPICAL SIGN MOUNTING DETAILS ON THIS DRAWING.
4. SEE ELECTRICAL DRAWINGS FOR ALL ILLUMINATED SIGNAGE.
5. WHEN SIGNS ARE MOUNTED ON GLAZING PANELS, PROVIDE A BLANK SIGN FOR OPPOSITE SIDE OF GLAZING TO CONCEAL ADHESIVE.



1 TYPICAL EXIT SIGN MOUNTING DETAIL
1/2" = 1'-0"



2 TYPICAL SIGN MOUNTING DETAIL
1/2" = 1'-0"



3 TYPICAL SIGN DETAIL
6" = 1'-0"

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
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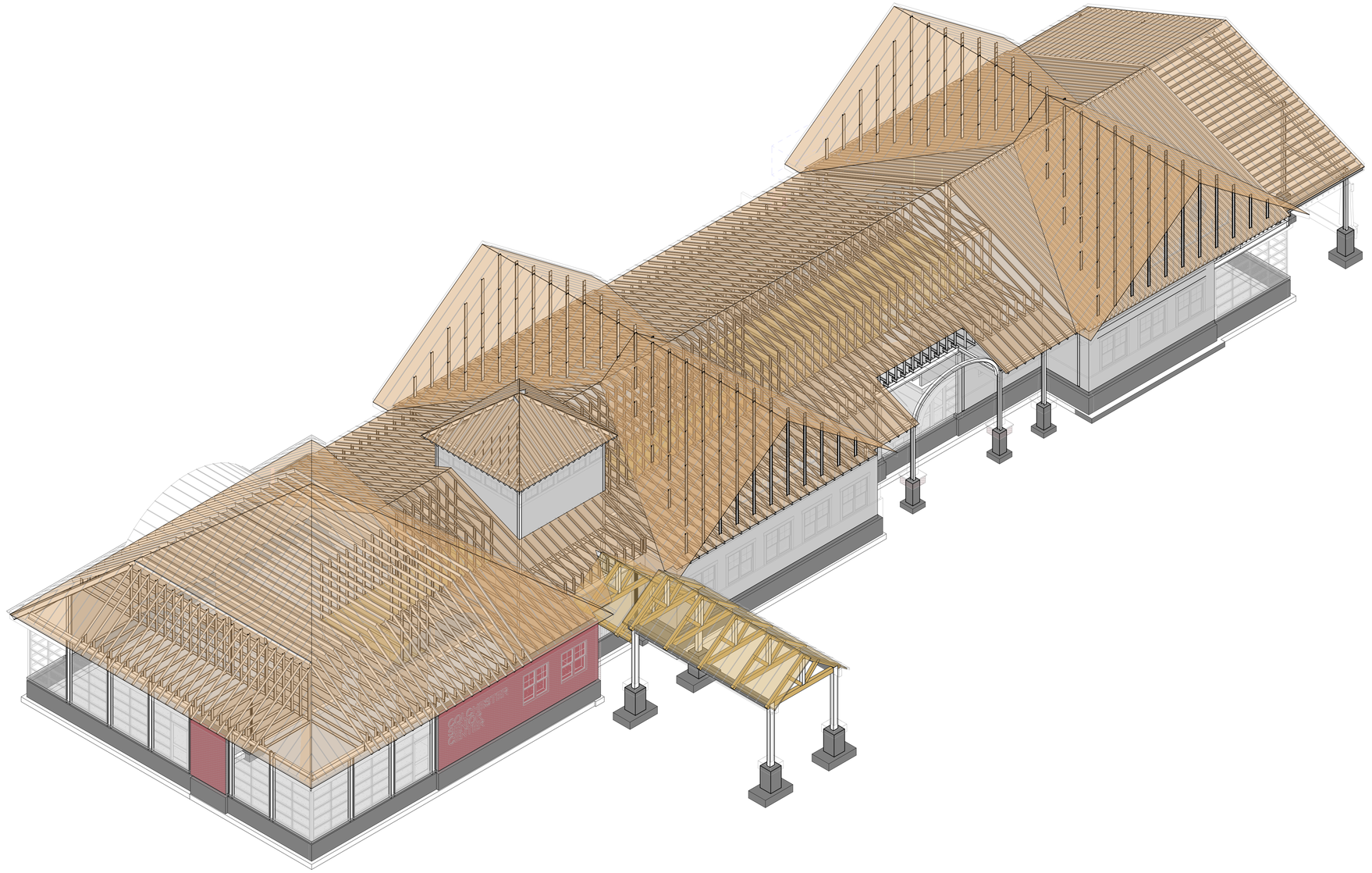
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
SIGNAGE DETAILS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: C. NARDI
Project Number: 20.003

Drawing Number: A920



1 S000 **ISOMETRIC**

Project Title:
Colchester Senior Center
Town of Colchester
15 Louis Lane
Colchester, CT 06415

ez engineers structural engineers
488 Montauk Ave New London, CT
2250 Main St Concord, MA

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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
ISOMETRIC VIEWS

Date: **SEPTEMBER 09, 2022**
Scale:
Drawn By: **MRC**
Project Number: **20.003**

Drawing Number:
S000

GENERAL STRUCTURAL NOTES

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CONNECTICUT STATE BUILDING CODE AND ITS APPLICABLE REFERENCED STANDARDS.

2. THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND ENGINEER OF RECORD.

3. THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF ALL SLEEVES, OPENINGS AND ANCHORAGES (INCLUDING ANCHOR BOLTS) AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.

4. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE FOR A SAFE AND EFFICIENT METHOD OF SHORING AND / OR BRACING THE STRUCTURE DURING CONSTRUCTION. SHOULD CONSTRUCTION LOADS (MANPOWER, EQUIPMENT OR OTHERWISE) EXCEED THE 20 PSF CONSTRUCTION LIVE LOAD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING CALCULATIONS SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF COLCHESTER. THE CONTRACTOR SHALL CARRY ALL COSTS ASSOCIATED WITH TEMPORARY LOADS DURING CONSTRUCTION.

5. ALL WORK SHALL BE CONTINUOUSLY MONITORED AND INSPECTED BY AN INDEPENDENT TESTING AGENCY REFER TO SPECIAL INSPECTION NOTES ON THIS SHEET. SUBMIT ALL TEST AND INSPECTION REPORTS TO A/E FOR REVIEW. COSTS FOR THIRD PARTY INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.

6. STRUCTURAL MEMBERS SHALL NOT BE MODIFIED IN THE FIELD WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER. IN THE EVENT OF A CONSTRUCTION OR FABRICATION ERROR, THE CONTRACTOR SHALL PREPARE A SKETCH WITH A PROPOSED REPAIR, AND SUBMIT IT TO THE ARCHITECT AND ENGINEER OF RECORD, FOR APPROVAL PRIOR TO PERFORMING ANY CORRECTIVE WORK.

7. SUBMIT SHOP DRAWINGS AND RFIs FOR REVIEW, APPROVAL, AND RESPONSE (FOR ALL TRADES INDICATED HEREIN) PRIOR TO PROCEEDING WITH FABRICATION AND / OR CONSTRUCTION. CONTRACTOR SHALL ALLOW FOR A 2 WEEK REVIEW PERIOD BY THE DESIGN TEAM.

8. IN ANY CASE OF CONFLICT BETWEEN THE NOTES, DETAILS AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL MAKE NO DEVIATION FROM CONTRACT DOCUMENTS WITHOUT WRITTEN APPROVAL OF THE ENGINEER.

9. JOB SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

10. ALL COSTS OF INVESTIGATION AND/OR REDESIGN, DUE TO CONTRACTOR MISLOCATION OF STRUCTURAL ELEMENTS OR OTHER LACK OF CONFORMANCE WITH THE PROJECT DOCUMENTS, SHALL BE AT THE CONTRACTOR'S EXPENSE.

11. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT WHICH HAS BEEN DESIGNED FOR THE WEIGHTS OF THE MATERIALS INDICATED ON THE DRAWINGS AND FOR THE SUPERIMPOSED LOADS INDICATED IN THE DESIGN DATA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FALSEWORK, FORMWORK, STAGINGS, BRACING, SHEETING AND SHORING, ETC.

12. TYPICAL DETAILS APPLY REPETITIVELY ON THE PROJECT. CONTRACTOR SHALL COORDINATE THE GENERAL REQUIREMENTS OF TYPICAL DETAILS WITH PROJECT CONDITIONS, PLANS, SPECIFICATIONS, AND SECTIONS.

DESIGN DATA:

1. SUPERIMPOSED DEAD LOAD:
   - A. ROOF ..... 25 PSF
   - B. FLOOR ..... 20 PSF

2. FLOOR LIVE LOAD:
   - A. ASSEMBLY (UNIFORM) ..... 100 PSF
   - B. UNINHABITABLE ATTIC (UNIFORM) ..... 20 PSF
   - C. UNINHABITABLE ATTIC (CONC) ..... 500 LBS*

3. ROOF LIVE LOAD
   - A. ROOF LIFE LOAD (UNIFORM) ..... 20 PSF
   - B. WATER RETENTION LOAD (4") ..... 21 PSF

4. ROOF SNOW LOAD DATA:
   - A. GROUND SNOW LOAD, P_g ..... 30 PSF
   - B. FLAT ROOF SNOW LOAD, P_f ..... 30 PSF + APPLICABLE DRIFT
   - C. SNOW EXPOSURE FACTOR, C_e 1.0
   - D. SNOW LOAD IMPORTANCE FACTOR, I_s 1.0
   - E. THERMAL FACTOR, C_t 1.0
   - F. SLOPE FACTOR, C_s ..... SEE LOADING PLANS
   - G. DRIFT LOAD, P_d ..... SEE LOADING PLANS
   - H. SNOW DRIFT, W ..... SEE LOADING PLANS

5. WIND DESIGN DATA:
   - A. BASIC WINDSPEED, V_{ult} ..... 129 MPH (3-SEC. GUST)
   - B. NOMINAL WINDSPEED, V_{asd} ..... 100 MPH (3-SEC. GUST)
   - C. RISK CATEGORY II
   - D. WIND LOAD IMPORTANCE FACTOR, I_w 1.0
   - E. WIND EXPOSURE CATEGORY ..... B
   - F. INTERNAL PRESSURE COEFFICIENT, GC_{pi} ..... +/- 0.18
   - G. BASE PRESSURE, q_h ..... 25.3 PSF
   - H. NET UPLIFT ON ROOF (SERVICE) ..... SEE LOADING PLANS
   - I. COMPONENTS AND CLADDING LOADS ..... SEE LOADING PLANS

6. EARTHQUAKE DESIGN DATA:
   - A. RISK CATEGORY II
   - B. SEISMIC IMPORTANCE FACTOR, I_e 1.0
   - C. S_s 0.205
   - D. S_1 ..... 0.055
   - E. SITE CLASS ..... D
   - F. S_{ds} 0.219
   - G. S_{d1} 0.088
   - H. SEISMIC DESIGN CATEGORY ..... B
   - I. ANALYSIS PROCEDURE ..... EQUIVALENT LATERAL FORCE ANALYSIS
   - J. ANALYSIS PARAMETERS:

     BOTH ORTHONGAL DIRECTIONS
     - SEISMIC RESISTING SYSTEM(S) ..... STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
     - RESPONSE MODIFICATION FACTOR, R 3.0
     - OVERSTRENGTH, Ω 3.0
     - SEISMIC RESPONSE COEFFICIENT, C_s 0.07
     - DESIGN BASE SHEAR(S), ... 51K

7. GEOTECHNICAL INFORMATION:
   - A. DESIGN BEARING CAPACITY ..... 4000 PSF
   - B. BEARING STRATA ..... DESCRIPTION PER GEOTECH REPORT

8. SPECIAL LOADS:
   - A. ATTIC MECHANICAL EQUIPMENT ..... SEE ATTIC LOAD PLAN

CONTRACTOR'S SUBMITTAL AND DESIGN RESPONSIBILITIES:

1. THE LISTED PROJECT ITEMS BELOW, ASSOCIATED WITH FABRICATION, ERECTION, AND MEANS / METHODS, SHALL HAVE SHOP DRAWINGS SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL. SUBMISSION OF THE SHOP DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SHOP DRAWING SUBMISSIONS SHALL BE COORDINATED AND SUBMITTED TO ALLOW FOR SUFFICIENT TIME FOR REVIEW AND COMMENT WITHOUT ADVERSLY AFFECTING THE PROJECT SCHEDULE.
   - A. CONCRETE REINFORCEMENT.
   - B. CONCRETE DESIGN MIX.
   - C. UNDERSLAB COORDINATION PLAN.
   - D. STRUCTURAL STEEL FRAMING.
   - E. STEEL FRAMING CONNECTIONS. (*)
   - F. PREFABRICATED WOOD TRUSSES. (*)
   - G. LIGHT GAGE METAL FRAMING. (*)
   - H. PREFABRICATED COLDFORM STEEL TRUSSES. (*)

1. THE LISTED ITEMS ABOVE, MARKED WITH (*), REQUIRE STRUCTURAL DESIGN AND ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A PROFESSIONAL STRUCTURAL ENGINEER, REGISTERED IN THE STATE OF CONNECTICUT, TO PERFORM THE DESIGN OF THE MARKED ITEMS. CALCULATIONS SHALL BE SUBMITTED FOR REVIEW TO THE ENGINEER OF RECORD, OTHERWISE THE ITEMS SHALL BE SUBMITTED FOR THE OWNER'S RECORD.

STRUCTURAL STEEL:

1. ALL WORK SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATIONS AND ITS CODE OF STANDARD PRACTICE.

2. GENERAL
   - A. PERMANENT FRAMING AND FINAL CONNECTION DETAILS ARE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION SEQUENCES, MEANS, AND METHODS; AND FOR THE DESIGN OF TEMPORARY LATERAL AND VERTICAL BRACING. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL THE COMPLETE VERTICAL AND LATERAL FORCE RESISTING SYSTEMS HAVE BEEN INSTALLED.
   - B. PROVIDE ACCESS FOR INSPECTION OF ALL SHOP AND FIELD CONNECTIONS FOR PROPER MATERIALS AND WORKMANSHIP.
   - C. CAMBER INDICATED ON THESE DRAWINGS IS THE REQUIRED CAMBER AT TIME OF ERECTION.
   - D. WELDING ELECTRODES, WELDING PROCESS, MINIMUM PREHEAT AND INTERPASS TEMPERATURES SHALL BE IN ACCORDANCE WITH THE AISC AND AWS SPECIFICATIONS. ANY STRUCTURAL STEEL DAMAGED IN WELDING IS TO BE REPLACED OR REINFORCED AS ACCEPTABLE TO THE STRUCTURAL ENGINEER.
   - E. WELDERS SHALL HAVE CURRENT EVIDENCE OF PASSING THE APPROPRIATE AWS QUALIFICATION TESTS. THE ENGINEER MAY REQUEST SUCH EVIDENCE AT ANY TIME DURING THE PROJECT.
   - F. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY FABRICATION OR ERECTION ERRORS OR DEVIATIONS AND SHALL RECEIVE WRITTEN APPROVAL BEFORE ANY FIELD CORRECTIONS ARE MADE.
   - G. ALL STRUCTURAL STEEL THAT IS DIRECTLY EXPOSED TO WEATHER, SHALL BE HOT-DIPPED GALVANIZED, UNLESS OTHERWISE INDICATED.
   - H. STRUCTURAL STEEL THAT IS LOCATED IN EXTERIOR UNHEATED SPACES AND NOT DIRECTLY EXPOSED TO WEATHER , SHALL BE POWER TOOL CLEANED AND PAINTED WITH THREE COATS OF OIL BASE PAINT IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL PAINTING SPECIFICATION NO. 1.0 OR HOT DIPPED GALVANIZED, AT THE CONTRACTOR'S OPTION.
   - I. STEEL FRAMED OPENINGS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER ITEMS HAVE BEEN SHOWN BASED ON PROGRESS DESIGN DRAWINGS THAT WERE AVAILABLE FOR COORDINATION PRIOR TO THE ISSUANCE OF THE FINAL BID DOCUMENTS. THESE ITEMS ARE SHOWN TO ASSIST THE CONTRACTOR IN UNDERSTANDING THE GENERAL SCOPE OF WORK, BUT ARE NOT INTENDED TO REPRESENT EXACT LOCATIONS, QUANTITIES, OR COMPLETE EXTENT OF REQUIRED COORDINATION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER TRADES. THE CONTRACTOR SHALL PROVIDE STEEL FRAMES FOR ALL OPENINGS, REGARDLESS OF WHETHER THE OPENING IS SHOWN ON THE PLANS, AS REQUIRED BY THE TYPICAL FRAMED OPENINGS DETAIL ON THESE DRAWINGS.
   - J. MATERIAL SPECIFICATIONS:
     - a. W,WT SHAPES ..... ASTM A992 (50 KSI)
     - b. S, M, HP, C, MC SHAPES..... ASTM A572, GRADE 50
     - c. SQUARE & RECTANGULAR HSS ..... ASTM A500, GRADE C (50 KSI)
     - d. ROUND HSS ..... ASTM A500, GRADE C (46 KSI)
     - e. L SHAPES, MISC. PLATES & BARS..... ASTM A36
     - f. BOLTS ..... ASTM A325
     - g. ANCHOR RODS ..... ASTM F1554, GRADE 36
     - h. SHEAR STUD CONNECTORS ..... ASTM A108
     - i. PIPE COLUMNS..... ASTM A53
   - K. THE STRUCTURAL STEEL CONTRACTOR SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATION WITH THE TOP OF CONCRETE ELEVATION.
   - L. THE MAXIMUM LOAD HUNG FROM ANY BEAM OR MEP DUCTWORK, PIPING ETC. SHALL BE DISTRIBUTED TO THE BEAMS TRIBUTARY AREA IN A WAY THAT THE ALLOWABLE DESIGN LOADS LISTED IN THE GENERAL NOTES ARE NOT EXCEEDED. THE CONTRACTOR SHALL COORDINATE THE LOADS OF ALL TRADES AND PROVIDE ADDITIONAL SUPPORT OR DISTRIBUTION FRAMING AS REQUIRED TO ACHIEVE THESE LOADS.
   - M. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS, MECHANICAL DRAWINGS AND DRAWINGS RELATED TO OTHER TRADES. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CHECK AND COORDINATE DIMENSIONS, CLEARANCES , ETC., WITH THE WORK OF THE OTHER TRADES.
   - N. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
3. CONNECTIONS
   - A. REACTIONS INDICATED ON FRAMING PLANS ARE BASED ON UNFACTORED LOADS, UNLESS OTHERWISE NOTED. ALL SIMPLE SHEAR CONNECTIONS SHALL BE DESIGNED FOR 1.25 TIMES THE REACTION INDICATED.
   - B. PROVIDE NO LESS THAN 3/16" WELDS EXCEPT ALONG EDGES OF MATERIALS THAT ARE 1/4" OR LESS IN THICKNESS, FOR EDGES OR MATERIALS THAT ARE 1/4" OR LESS IN THICKNESS, USE THE MAXIMUM SIZE WELD PERMITTED BY THE GOVERNING SPECIFICATION.
   - C. ALL SHOP AND FIELD CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS OR WELDS. ALL HIGH STRENGTH BOLTS AND NUTS SHALL BE CLEARLY MARKED AS REQUIRED BY AISC SPECIFICATIONS. CONNECTIONS MADE WITH UNMARKED BOLTS AND NUTS WILL BE REJECTED.
   - D. UNLESS OTHERWISE NOTED, ALL BOLTS SHALL BE TIGHTENED TO THE "SNUG TIGHT" CONDITION DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH. THE SNUG TIGHT CONDITION MUST ENSURE THAT THE PLIES OF THE CONNECTED MATERIAL HAVE BEEN BROUGHT INTO SNUG CONTACT.
   - E. ALL BOLTS SUBJECT TO DIRECT TENSION OR DESIGNATED AS SC (SLIP-CRITICAL) SHALL BE PRE-TENSIONED IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS AS DESCRIBED IN AISC "MANUAL OF STEEL CONSTRUCTION" - TURN-OF-NUT TIGHTENING, CALIBRATED WRENCH TIGHTENING OR DIRECT TENSION INDICATOR TIGHTENING.
   - F. BOLTS USED IN STRUCTURAL STEEL FRAMING CONNECTIONS SHALL BE A MINIMUM OF 3/4" DIAMETER.
   - G. BOLTED CONNECTIONS SHALL USE A MINIMUM OF TWO BOLTS PER CONNECTED PART, UNLESS OTHERWISE INDICATED.
   - H. OVERSIZED HOLES, LONG-SLOTTED HOLES OR SHORT-SLOTTED HOLES PARALLEL TO THE LOAD SHALL NOT BE USED FOR ANY CONNECTIONS UNLESS SPECIFICALLY INDICATED ON THE DRAWING OR APPROVED IN WRITING BY THE ENGINEER. SHORT SLOTTED HOLES TRANSVERSE TO THE DIRECTION OF THE LOAD ARE PERMITTED IN BEARING TYPE CONNECTIONS.
   - I. ALL BUTT AND FULL PENETRATION WELDS SHALL BE MADE USING RUN OFF TABS WHICH SHALL BE REMOVED AND GROUND SMOOTH ONCE THE WELD IS COMPLETED.
   - J. ALL WELD BACK UP BARS SHALL BE REMOVED AND GROUND SMOOTH ONCE THE WELD IS COMPLETED, UNLESS NOTED OTHERWISE.
   - K. STRUCTURAL STEEL FRAME SHALL BE LEVEL AND PLUMB PRIOR TO COMPLETING CONNECTIONS.
4. COATINGS
   - A. ALL NEW STRUCTURAL STEEL SHALL BE GIVEN ONE COAT OF AN APPROVED SHOP PRIMER APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS NOTED OTHERWISE. SURFACE PREPARATION OF STEEL PRIOR TO SHOP PAINTING SHALL CONFORM TO SSPC SP3.
   - B. AFTER ERECTION IS COMPLETE, TOUCH-UP ALL SHOP PRIMED COATS DAMAGED DURING TRANSPORTATION AND ERECTION AND PRIME ALL FIELD WELDS USING THE SAME PAINT USED FOR SHOP PRIMING.
   - C. ALL STRUCTURAL STEEL TO RECEIVE SPRAY APPLIED FIRE PROTECTION SHALL BE LEFT UNCOATED.
   - D. FOR EXPOSED INTERIOR STRUCTURAL STEEL REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR SURFACE PREPARATION AND FINISH REQUIREMENTS.
   - E. STEEL REQUIRING HOT DIP GALVANIZATION SHALL BE TOUCHED-UP IN FIELD AT ANY LOCATIONS DAMAGED DURING TRANSPORT OR ERECTION. TOUCH UP AREAS SHALL BE PAINTED WITH A ZINC-RICH PAINT CONTAINING AT LEAST 95% ZINC BY VOLUME

REINFORCED CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 AND 301 REQUIREMENTS. THIS SHALL INCLUDE PROPORTIONING OF CONCRETE MIX, CONCRETE TESTING, PLACEMENT OF CONCRETE, AND CURING PROCEDURES.

2. ALL COLD WEATHER CONCRETING SHALL CONFORM TO THE REQUIREMENTS OF ACI 306. THE G.C. SHALL BE RESPONSIBLE FOR SUBMITTING A COLD WEATHER CONCRETING PROCEDURE FOR REVIEW PRIOR TO CONSTRUCTION.

3. ALL HOT WEATHER CONCRETING SHALL CONFORM TO THE REQUIREMENTS OF ACI 305. THE G.C. SHALL BE RESPONSIBLE FOR SUBMITTING A HOT WEATHER CONCRETING PROCEDURE FOR REVIEW PRIOR TO CONSTRUCTION.

4. ALL CONCRETE CURING SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN ACI 308.

5. CONCRETE SHALL HAVE 28-DAY COMPRESSIVE STRENGTH, AIR ENTRAINMENT, W/CM RATIO, AND MAX AGGREGATE SIZE PER THE TABLE BELOW.

6. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS REQUIRED TO BE WELDED AS SHOWN ON PLANS. ALL REINFORCING BARS REQUIRED TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 50.

7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. SUPPORT WIRE FABRIC WITH CHAIRS OR LIFTS, DURING CONCRETE PLACEMENT TO ENSURE PROPER POSITION IN SLAB.

8. ALL REINFORCEMENT SHALL BE SECURELY HELD IN PLACE WHILE PLACING CONCRETE. IF REQUIRED, ADDITIONAL BARS OR STIRRUPS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT FOR ALL BARS.

9. ALL REINFORCING BARS SHALL BE LAPPED AS SPECIFICALLY DETAILED ON THE DRAWINGS. SPLICING & EMBEDMENTS SHALL BE IN ACCORDANCE W/ ACI 318 WHERE NOT SPECIFICALLY INDICATED ON THE DRAWINGS. ALL REINFORCING BARS SHALL BE LAPPED USING THE TENSION SPLICE LENGTHS IN THE LAP SPLICE SCHEDULE. REFER TO TYPICAL DETAIL SHEET.

10. CONCRETE REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A615 AND HAVE THE FOLLOWING MINIMUM YIELD STRENGTH:
    - A. MAIN REINFORCING STEEL ..... 60 KSI
    - B. TIES & STIRRUPS ..... 40 KSI

11. PROVIDE THE FOLLOWING CLEAR PROTECTION OF REBAR IN CAST-IN-PLACE CONCRETE ELEMENTS (UNLESS OTHERWISE NOTED):
    - A. SURFACES CAST AGAINST EARTH:..... 3"
    - B. SURFACES EXPOSED TO EARTH/WEATHER:.. 2"
    - C. SLABS AND JOISTS ..... 3/4"
    - D. BEAMS, COLUMNS, ETC. ..... 1 1/2"

12. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI-318 CHAPTER 26.5.6.

13. WALL CONSTRUCTION JOINTS SHALL BE LOCATED TO PROVIDE A 60 FOOT MAXIMUM LENGTH OF CONCRETE PLACEMENT.

14. VERTICAL CONSTRUCTION JOINTS IN WALLS SHALL BE USED ONLY WITH PRIOR APPROVAL OF THE ENGINEER, SEE NOTE ABOVE, AND SHALL BE LOCATED AS FOLLOWS:
    FOUNDATION WALLS: MINIMUM 8'-0" FROM ANY COLUMN LINE OR WALL OPENING.

15. THE CONTRACTOR SHALL PROVIDE REINFORCING STEEL ERECTOR WITH A SET OF APPROVED SHOP DRAWINGS FOR FIELD USE.

16. ALL ADJOINING SURFACES NOT CAST MONOLITHICALLY SHALL BE ROUGHENED TO 1/4 INCH AMPLITUDE FOR THE ENTIRE INTERSECTING SURFACE ACCORDING TO ACI RECOMMENDATIONS AND APPLY A BONDING AGENT AS REQUIRED.

17. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, CURBS, ETC., AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED.

18. CONTRACTOR SHALL COORDINATE LOCATION ON INSERTS, WELDED PLATES AND OTHER ITEMS TO BE EMBEDDED IN CONCRETE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

19. CONTRACTOR SHALL USE RIGID STEEL TEMPLATES (SUPPLIED BY THE STEEL FABRICATOR) TO INSTALL ANCHOR RODS.

20. PROVIDE CORNER BARS AT ALL WALL CORNERS & INTERSECTIONS MATCHING HORIZONTAL REINFORCEMENT. BARS SHALL BE LAPPED A MINIMUM OF 48 BAR DIAMETERS.

21. COORDINATE ALL PENETRATIONS PRIOR TO CONSTRUCTION AND SUBMIT OPENING SIZES TO A/E FOR REVIEW.

22. SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW.

23. NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMITTED IN BEAMS, WALLS AND SLABS UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR APPROVED IN WRITING PRIOR TO CONSTRUCTION BY THE ENGINEER.

24. NO CONCRETE TEST WILL BE ACCEPTED IF CONCRETE IS TAMPERED WITH IN ANY WAY AFTER SAID TEST IS PERFORMED. REPEAT TEST IF WATER IS ADDED AFTER INITIAL SAMPLING.

25. CONTRACTOR SHALL COORDINATE LOCATION OF FLOOR DRAINS, CURBS, CONCRETE PADS AND FLOOR DEPRESSIONS, ETC., WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.

26. HORIZONTAL PIPES OR CONDUITS PLACED IN SLABS SHALL NOT BE SPACED CLOSER THAN 3 TIMES THE DIAMETER OF THE PIPE OR CONDUIT, CENTER TO CENTER.

27. ALL SLABS SHALL BE FLAT AND LEVEL PER THE CONCRETE SPECIFICATIONS. THE CONCRETE CONTRACTOR SHALL INCLUDE IN THEIR BID ANY EXCESS CONCRETE REQUIRED DUE TO SUPPORT MEMBER DEFLECTION TO POUR SLABS FLAT AND LEVEL. THE CONCRETE PLACING PROCEDURE SHALL BE CONTROLLED TO MINIMIZE SUPPORT MEMBER DEFLECTION.

28. ALL CONCRETE WORK, REINFORCING, PLACEMENT, AND FORMWORK SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER. REFER TO PROJECT SPECS FOR THE TESTING REQUIRED ITEMS.

29. FOUNDATIONS SHALL BE PROTECTED FROM FROST THROUGHOUT PHASED CONSTRUCTION IN ACCORDANCE WITH ASCE 32-01 WITH A MINIMUM OF 1 INCH THICK LAYER INSULATION HAVING A NOMINAL RESISTIVITY OF 5 R/IN.

30. LIMITATIONS: IT MUST BE NOTED THAT NO STRUCTURE OR SLAB SHOULD BE EXPECTED TO REMAIN TOTALLY FREE OF CRACKS AND MINOR SIGNS OF STRESS. THE FLEXIBLE NATURE OF STRUCTURES ALLOWS THEM TO RESPOND TO MOVEMENTS RESULTING FROM MINOR SETTLEMENT FILL OR NATURAL SOILS. IN ADDITION, PRODUCTS CONTAINING CEMENT ALSO SHRINK DURING NATURAL CURING. ALL OF THE ABOVE CAN INDUCE STRESSES THAT FREQUENTLY RESULT IN COSMETIC CRACKING OR RIGID SURFACES.

CONCRETE MIX DESIGN PROPERTIES

ITEM	CONCRETE	EXPOSURE CLASS	MAX w/cm	MIN f_c' PSI	AIR CONTENT	MAX AGGREGATE SIZE
SLAB ON GRADE (INTERIOR), HOUSEKEEPING PADS	NW	F0	0.55	4000	NON AIR ENTRAINED, 3% MAX	1"
FOUNDATION WALLS & PIERS	NW	F2	0.45	4500	6% +/- 1.5%	3/4"
FOOTINGS	NW	F2	0.45	4500	6% +/- 1.5%	1 1/2"

FOUNDATIONS:

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "DIG SAFE" AS WELL AS ALL APPROPRIATE AGENCIES AND MUNICIPALITIES TO AVOID DAMAGE TO UNDERGROUND UTILITIES PRIOR TO THE START OF ANY SITE WORK.

2. FOUNDATION DESIGN PARAMETERS FROM GEOTECHNICAL INVESTIGATION REPORT PREPARED BY DOWN TO EARTH CONSULTING DATED MAY 26, 2022. CONTRACTOR SHALL BE FAMILIAR WITH THE SUBSURFACE CONDITIONS AND GEOTECHNICAL REPORT BEFORE COMMENCING EXCAVATION.

3. FOOTINGS SHALL BE STEPPED AT A MAXIMUM SLOPE OF 2 HORIZONTAL TO 1 VERTICAL, UNLESS NOTED OTHERWISE (SEE TYPICAL DETAILS).

4. REMOVE ALL TOPSOIL, EXISTING FILLS, ORGANIC MATERIALS, AND FROST DISTURBED SOILS PRIOR TO PLACING NEW FOOTINGS.

5. ALL BOTTOMS OF FOOTINGS SHALL BEAR ON EXISTING VIRGIN SOILS. ALL FOUNDATIONS SHALL BEAR ON A SUBGRADE CONTINUOUS WITH A MINIMUM PRESUMPTIVE BEARING CAPACITY OF 4,000 PSF.

6. DURING BACKFILL OPERATIONS OF ALL FOUNDATION WALLS, THE FILL ON EITHER SIDE OF THE WALL SHALL NOT EXCEED A 2'-0" DIFFERENTIAL, UNLESS THE WALL IS DESIGNED FOR RETAINING ACTION.

7. IN NO CASE SHALL BULLDOZERS OR OTHER HEAVY EQUIPMENT BE PERMITTED CLOSER THAN 5 FEET FROM ANY FOUNDATION WALL. IF IT IS NECESSARY TO OPERATE SUCH EQUIPMENT CLOSER THAN 5 FEET TO THE WALL, THE CONTRACTOR SHALL BE THE SOLE RESPONSIBLE PARTY AND AT THEIR OWN EXPENSE SHALL PROVIDE ADEQUATE SUPPORTS OR BRACE THE WALL TO WITHSTAND THE ADDITIONAL LOADS SUPERIMPOSED FROM SUCH EQUIPMENT.

8. CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTECT ALL EXCAVATION SLOPES, WHERE NECESSARY, SHEETING AND SHORING OF EXCAVATION SHALL BE PROVIDED WITH ALL REQUIRED TIEBACKS AND BRACING.

9. METHODS EMPLOYED IN ALL SHEETING AND SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.

10. SOIL COMPACTION SHALL BE CONTROLLED BY A QUALIFIED TESTING LABORATORY OR GEOTECHNICAL ENGINEER AS PART OF SPECIAL INSPECTIONS. TAKE A MINIMUM OF ONE FIELD DENSITY TEST FOR EACH LAYER. LOCATION OF TEST SHALL BE DETERMINED BY THE TESTING AGENCY.

STRUCTURAL LUMBER / ROUGH CARPENTRY:

1. ALL WORK SHALL BE IN CONFORMANCE WITH THE AMERICAN FOREST AND PAPER ASSOCIATION STANDARDS AND SPECIFICATIONS.

2. ALL FASTENERS SHALL BE IN CONFORMANCE WITH THE FASTENING SCHEDULE IN THE 2015 INTERNATIONAL BUILDING CODE, UNLESS NOTED OTHERWISE. FASTENERS EXPOSED TO THE WEATHER SHALL BE HOT-DIP GALVANIZED OR STAINLESS STEEL.

3. ALL WALL SHEATHING SHALL BE 1/2" GRADE CDX PLYWOOD. ALL PLYWOOD SHALL BE 4-PLY; 3-PLY NOT ACCEPTED.

4. ALL ROOF DECK SHALL BE 5/8" GRADE CDX PLYWOOD AND SHALL BE SUPPORTED BY METAL CLIPS.

5. ALL FLOOR DECK SHALL BE 3/4" ADVANTECH TONGUE AND GROOVE PLYWOOD THAT IS PLUGGED AND TOUCH-SANDED AT EXPOSED FACE.

6. ALL PLYWOOD FLOOR AND ROOF DECKING SHALL BE INSTALLED WITH WOOD-TO-METAL SCREWS

7. ALL T&G ROOF DECKING SHALL BE INSTALLED WITH WOOD SCREWS

8. ALL ROOF AREAS THAT ARE OVER-FRAMED SHALL CONTAIN ROOF DECKING ON THE UNDER-FRAMED MATERIAL, UNLESS NOTED OTHERWISE.

9. ALL PLYWOOD AND STRUCTURAL USE PANELS SHALL CONFORM TO THE REQUIREMENTS OF THE APA - THE ENGINEERED WOOD ASSOCIATION.

10. MINIMUM LUMBER ALLOWABLE DESIGN STRESSES SHALL BE IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) SUPPLEMENT AND AS FOLLOWS:

MEMBER	STRESS GRADE	MODULUS OF ELASTICITY, E	FLEX. STRESS F_b	COMP. PERP. TO GRAIN $F_{c\perp}$	COMP. PARALLEL TO GRAIN $F_{c\parallel}$	HORIZ. SHEAR F_v
GLU-LAM (BEAM)	24F-1.7E	1.7 x 10^6 psi	2400 psi	500 psi	1000 psi	210 psi
GLU-LAM (POST)	48 SP N2D12	1.7 x 10^6 psi	2000 psi	740 psi	2200 psi	260 psi

NOTE:
1. GLU-LAM BEAM BENDING IS FOR POSITIVE PENDING
2. PERP-TO-GRAIN COMPRESSIONS AND SHEAR ARE FOR X-X AXIS APPLICATIONS
3. ALL GLU-LAM LAMINATIONS SHALL BE SOUTHERN PINE WHERE PRESSURE-TREATMENT IS REQUIRED

COLD FORMED METAL FRAMING:

1. ALL WORK SHALL COMPLY TO THE REQUIREMENTS OF CURRENT AISI STANDARDS AND SECTION 2209 OF THE CONECTICUT BUILDING CODE AND THE REFERENCED IBC.

2. ALL STUDS, JOISTS, RAFTERS AND ACCESSORIES SHALL HAVE A MINIMUM G60 GALVANIZED COATING IN CONFORMANCE WITH THE REQUIREMENTS OF ASTM 525.

3. THE CONTRACTOR SHALL SUBMIT ORIGINAL, DETAILED SHOP DRAWINGS SHOWING MEMBER TYPE, LOCATION, SPACING, SIZE AND GAGE OF MEMBER. METHOD OF CONNECTION TO SUPPORTING MEMBERS AND ALL NECESSARY ERECTION AND FASTENING DETAILS, INCLUDING SUPPLEMENTAL BRACING, STRAPPING, SPLICES, BRIDGING, ACCESSORIES AND DETAILS REQUIRED FOR PROPER INSTALLATION. SHOP DRAWINGS MUST BE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PROCEEDING WITH WORK.

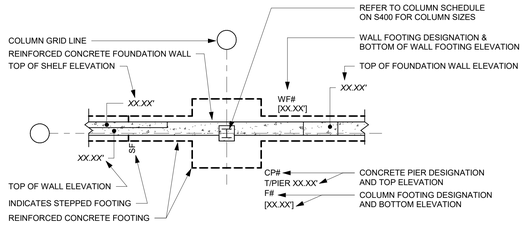
4. ALL GALVANIZED WALL STUDS 18 GAGE AND LIGHTER AND ALL TRACK ACCESSORIES 16 GAGE AND LIGHTER SHALL BE FORMED WITH STEEL THA

SYMBOLS

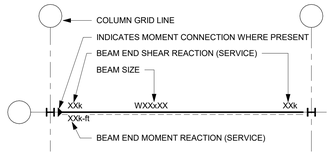
XX'-XX"	INDICATES TOP OF FLOOR DECK ELEVATION.
D1	INDICATES SPAN DIRECTION OF 3/4" TONGUE + GROOVE ADVANTECH FLOOR DECKING SHALL BE GLUED AND SCREWED @ 6" o.c.
D2	INDICATES SPAN DIRECTION OF 5/8" CDX PLYWOOD ROOF DECKING. DECKING SHALL BE SCREWED PER TYP. DETAILS ON SHEET S302 .
D3	INDICATES SPAN DIRECTION OF P.T. 3x8 T&G ROOF DECKING SP 'COMMERCIAL' OR BETTER INSTALLED IN A 'CONTROLLED RANDOM' LAYUP PER AWC-WCD-2 (AMERICAN WOOD COUNCIL). AT SUPPORTS TOE NAIL THROUGH TONGUE w/ (1) 40D NAIL AND FACE SCREW w/ (1) SIMPSON SDWS 0.22" x 5" SCREW
HDR	INDICATES CFMF HEADER PER CFMF ENGR. AND SCHED. (PER PLAN).
F##	INDICATES FOOTING TYPE. SEE FOOTING SCHEDULE.
WF##	INDICATES WALL FOOTING TYPE. SEE FOOTING SCHEDULE.
CF#	INDICATES COMBINED FOOTING TYPE. SEE FOOTING SCHEDULE.
CP#	INDICATES REINFORCED CONCRETE PIER. SEE SCHEDULE.
SJ	INDICATES CONCRETE SAWCUT CONTRACTION JOINT. SEE TYPICAL DETAIL.
XX.XX'	INDICATES TOP OF CONCRETE WALL ELEVATION.
[XX.XX']	INDICATES BOTTOM OF FOOTING ELEVATION
SW#	INDICATES CFMF BRACED WALL DESIGNED BY CFMF ENGR PER LOADS IN SCHEDULE (THIS SHEET).
CANT'L	INDCATES PORTION OF BEAM THAT IS CANTILEVERED.
HDU#	INDICATES SIMPSON STRONGTIE HDU HOLD DOWN PER PLANS.
	BEAM INDICATED IS DROPPED RELATIVE TO THE SURROUNDING FRAMING. REFER TO SECTIONS.
	INDICATES WELDED MOMENT CONNECTION PER TYPICAL DETAIL X/SXXX

ABBREVIATIONS

@	AT	MAX.	MAXIMUM
A.F.F.	ABOVE FINISH FLOOR	MECH.	MECHANICAL
ADD'L	ADDITIONAL	MEP	MECHANICAL ELECTRICAL & PLUMBING
ALT.	ALTERNATE	MEZZ.	MEZZANINE
ARCH	ARCHITECT/ ARCHITECTURAL	MF	MOMENT FRAME
B.O.	BOTTOM OF	MFR	MANUFACTURER
B.O.F.	BOTTOM OF FOOTING	MIN.	MINIMUM
BD.	BOARD	MISC.	MISCELLANEOUS
BF-	BRACE FRAME TYPE, PER ELEVATION	N.T.S.	NOT TO SCALE
BLDG.	BUILDING	N.W.	NORMAL WEIGHT
BP.	BEARING PLATE (PER SCHEDULE)	o.c., oc, O/C	ON CENTER
BRG.	BEARING	O.F., O/F	OUTSIDE FACE
BTM., BOT.	BOTTOM	P.T.	PRESSURE TREATED
BTWN	BETWEEN	P/C	PRECAST
C.A.	COLUMN ABOVE	P.	CONCRETE PIER TYPE (PER SCHEDULE)
C.B.	COLUMN BELOW	PAF	POWER ACTUATED FASTENER
C.J.	CONSTRUCTION JOINT	PC	PILE CAP
℄	CENTERLINE	±, +/-	PLUS / MINUS
CANT.	CANTILEVER	PL.	PLATE
CMU	CONCRETE MASONRY UNIT	PMBM	PRE-ENGINEERED METAL BLDG. MFR.
COL.	COLUMN	PROV'D	PROVIDE / PROVIDED
CONC.	CONCRETE	PSF	POUNDS PER SQUARE FEET
CONT.	CONTINUOUS	PSI	POUNDS PER SQUARE INCH
COORD.	COORDINATE	R.O.	ROUGH OPENING
C.W.A.	COORD. W/ ARCH.	REINF.	REINFORCING / REINFORCEMENT
C.W.C.	COORD. W/ CIVIL ENGR.	REQ'D	REQUIRED
DBL.	DOUBLE	S.O.G.	SLAB ON GRADE
DIA., Ø	DIAMETER	S/W	SHEARWALL
DWGS.	DRAWINGS	SCHED.	SCHEDULE
E.C.	EPOXY-COATED	SF	STEPPED FOOTING
E.F.	EACH FACE	SIM.	SIMILAR
E.O.S.	EDGE OF SLAB	SPECS	SPECIFICATIONS
E.W.	EACH WAY	STD.	STANDARD
EA.	EACH	STL	STEEL
EL.	ELEVATION	STR., STRUCT.	STRUCTURAL
EMBED.	EMBEDMENT	T/, T.O.	TOP OF
ENGR.	ENGINEER	T & B	TOP AND BOTTOM
EQ.	EQUAL	T.O.C.	TOP OF CONCRETE
EQUIP.	EQUIPMENT	T.O.P.	TOP OF PIER
EX., EXG., EXIST	EXISTING	T.O.S., T/ SLAB	TOP OF SLAB
FDN., FOUND.	FOUNDATION	T.O.STL.	TOP OF STEEL
FIN.	FINISH	T.O.W.	TOP OF WALL
FL., FLR.	FLOOR	T_	TRUSS TYPE (PER SCHEDULE)
FT.	FEET	TEMP.	TEMPORARY
FTG.	FOOTING	TF	TRANSFER FORCE (KIPS)
GA.	GAGE	TH.	THICK
GALV.	GALVANIZED	TRPL.	TRIPLE
GB_	GRADE BEAM	TSE	TOP OF STEEL ELEVATION
GR	GRADE	TWE	TOP OF WALL ELEVATION
HDR.	HEADER	TYP.	TYPICAL
HOR., HORIZ.	HORIZONTAL	U.N.O.	UNLESS NOTED OTHERWISE
I.F., I/F	INSIDE FACE	V.I.F.	VERIFY IN FIELD
IN.	INCHES	V_	GRAVITY SHEAR CONNECTION (K), UNFACTORED
INFO.	INFORMATION		
JT.	JOINT	VERT.	VERTICAL
K	KIP	W/	WITH
K-FT	KIP - FEET	WP	WOOD POST
L.W.	LIGHT WEIGHT	WT	WEIGHT
LLH	LONG LEG HORIZONTAL	WWF	WELDED WIRE FABRIC
LLV	LONG LEG VERTICAL	[xx]	NUMBER OF HEAD SHEAR STUDS INSTALLED AT A UNIFORM SPACING ALONG TOP FLANGE OF BEAM
M.O.	MASONRY OPENING		
M_	MOMENT CONNECTION (K-FT), UNFACTORED		



FOUNDATION LEGEND



BEAM/COLUMN LEGEND

CFMF SHEARWALL SCHEDULE

WALL	SW1	SW2	SW3	SW4
LATERAL LOAD (SERVICE)	3.25 KIPS	4.25 KIPS	6.25 KIPS	9.25 KIPS
WALL FRAMING	PER WALL SCHED	PER WALL SCHED	PER WALL SCHED	PER WALL SCHED
END WALL STUD	PER CFMF ENGR w/ MIN THK. PER HDU SCHED	PER CFMF ENGR w/ MIN THK. PER HDU SCHED	PER CFMF ENGR w/ MIN THK. PER HDU SCHED	PER CFMF ENGR w/ MIN THK. PER HDU SCHED
HOLDDOWN ANCHOR[1]	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
STRAP BRACING	PER CFMF ENGR	PER CFMF ENGR	PER CFMF ENGR	PER CFMF ENGR
SHEAR[2] FASTENERS (TOP)	PER CFMF ENGR.	PER CFMF ENGR.	PER CFMF ENGR.	PER CFMF ENGR.
SHEAR[2] FASTENERS (BOT)	PER CFMF ENGR.	PER CFMF ENGR.	PER CFMF ENGR.	PER CFMF ENGR.

CFMF SHEAR WALL NOTES:
1. ALL HOLDDOWN ANCHORS, POSTS, AND BOLTS SHALL BE INSTALLED PRIOR TO STRAP BRACING.
2. SHEAR FASTENERS (TOP) REFERS TO FASTENER SIZE & SPACING OF ATTACHMENT OF TOP TRACK TO CEE BLOCKING, TRUSS OR WALL - SEE DETAIL 5 / S302
3. SHEAR FASTENERS (BOT) REFERS TO ATTACHMENT TO CONCRETE OR STEEL BASE OF SHEARWALL.
   A. MIN FASTENERS SHALL BE 0.157" PAFs @ 8" O.C.

MIN. CFMF HEADER SCHEDULE

SPAN CONDITION	HEADER SIZE	JAMB
UP TO 3'-6"	(2) 600S162-54 w/ (2) 600T125-54	(1) 600S162-54
3'-6" UP TO 6'-0"	(2) 800S162-54 w/ (2) 600T150-68	(2) 600S162-54
6'-0" UP TO 8'-0"	(2) 1000S162-68 w/ (2) 600T150-97	(2) 600S162-97

NOTES:
1. HEADER SIZES IN TABLE ARE MINIMUM REQUIRED. CFMF ENGINEER SHALL PROVIDE FINAL DESIGN
2. AT BRICK OPENINGS PROVIDE A H.D. GALV. L6X4X3/8 LLV LOOSE ANGLE FOR OPENINGS UP TO 6'-0".

HDR SIZE

LOOSE LINTEL SCHEDULE

SPAN CONDITION		STEEL LINTEL (PER 4" WYTHE)
L1	UP TO 6'-0"	L6 x 4 x 3/8 (LLV) GALV. - 6" END BEARING
L2	6'-6" UP TO 8'-6"	L7 x 4 x 3/8 (LLV) GALV. - 6" END BEARING

NOTES:

1. FOR OPENING WIDTHS GREATER THAN SHOWN, CONSULT STRUCTURAL ENGINEER.
2. SEE ARCH. DRAWINGS FOR FLASHING DETAILS @ WINDOW & DOOR OPENINGS.
3. BRICK EXPANSION JOINT SHALL BE SPACED 25' MAXIMUM, AND POSITIONED TO BE 4'-0" MINIMUM FROM EDGE OF OPENING. COORDINATE BRICK MASONRY VENEER EXPANSION JOINTS WITH ARCHITECT

LINTEL SCHEDULE ABOVE ASSUMES THERE IS MASONRY ABOVE OPENING EQUAL TO 1/2 THE LINTEL SPAN, AS SHOWN ABOVE. IF THIS IS NOT THE CASE, CONSULT STRUCTURAL ENGINEER

WALL SCHEDULE

GRAPHIC	WALL
	600S162-54 (MIN) @ 16"o.c. STUD BEARING WALL AT EXT. WALL SUPPORTING TRUSS: 600S162-68 (MIN) @ 24" O.C. AT INT. WALL SUPPORTING TRUSS: 600S250-68 (MIN) @ 24" O.C.
	6" STUD WALL AS ABOVE WITH BRICK VENEER TO EAVE.
	CFMF SHEAR WALL PER SCHEDULE (THIS SHEET)
	BEARING WALL ABOVE
	INTERIOR NON-BEARING PARTITION WALL

HOLD DOWN SCHEDULE

SYMBOL	ANCHOR DIAMETER	ANCHOR EMBED.	END WALL STUD FASTENERS	MIN. STUD THICKNESS
S/HDU4	5/8"	9"	(6) #14	(2) 18GA
S/HDU6	5/8"	15"	(12) #14	(2) 16GA

HOLD DOWN NOTES:
1. ALL HOLDDOWN ANCHORS, POSTS, AND BOLTS SHALL BE INSTALLED PRIOR TO STRAP BRACING.

REINFORCED CONCRETE PIER SCHEDULE

PIER DESIGNATION	PIER DIMENSIONS (L x W)	VERTICAL REINFORCING	TOP OF PIER
CP1	20" x 20"	8-#5, #3 TIES @ 10" o/c	SEE NOTE
CP2	24" x 24"	12-#6, #3 TIES @ 12" o/c	SEE NOTE
CP3	30" x 30"	12-#8, #3 TIES @ 12" o/c	SEE NOTE

NOTES:

1. INTERIOR PIERS SHALL BE AT -8" BELOW SLAB ON GRADE U.N.O.
2. EXTERIOR PIERS SHALL BE +6" ABOVE SURROUNDING GRADE U.N.O.
3. ALL CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 4,500 PSI
4. ALL REINFORCING SHALL BE 60 KSI.
5. ALL REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-02.
6. WALL REINFORCING SHALL BE CONTINUOUS THRU PIERS.
7. PIERS SUPPORTING EXTERIOR COLUMNS SHALL USE EPOXY-COATED REBAR

FOOTING SCHEDULE

TYPE MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT
CF31.5x4.0	4' - 0"	31' - 6"	12"	(5) #6 L.W. TOP & BOT w/ #6 S.W. @ 12" O.C. BOT.
CF35x5.5	35' - 0"	5' - 6"	12"	(6) #6 L.W. TOP & BOT w/ #6 S.W. @ 12" O.C. BOT.
F3.0	3' - 0"	3' - 0"	12"	(3) #5 E.W. BOT
F4.0	4' - 0"	4' - 0"	12"	(4) #5 E.W. BOT
F4.0A	4' - 0"	4' - 0"	18"	(5) #5 E.W. TOP & BOT
F6.5x4.0	6' - 6"	4' - 0"	18"	(4) #6 L.W. TOP & BOT w/ (7) #6 S.W. BOT.
WF2.0		2' - 0"	12"	(3) #4 CONT. L.W. BOT w/ #4 @ 12 O.C. S.W. BOT.

WOOD POST SCHEDULE

P#	Type Comments	POST TYPE
GP1	GLU-LAM	8.5x12.375

NOTES: SEE NOTES ON S001 FOR GLU-LAM SPECIFICATIONS

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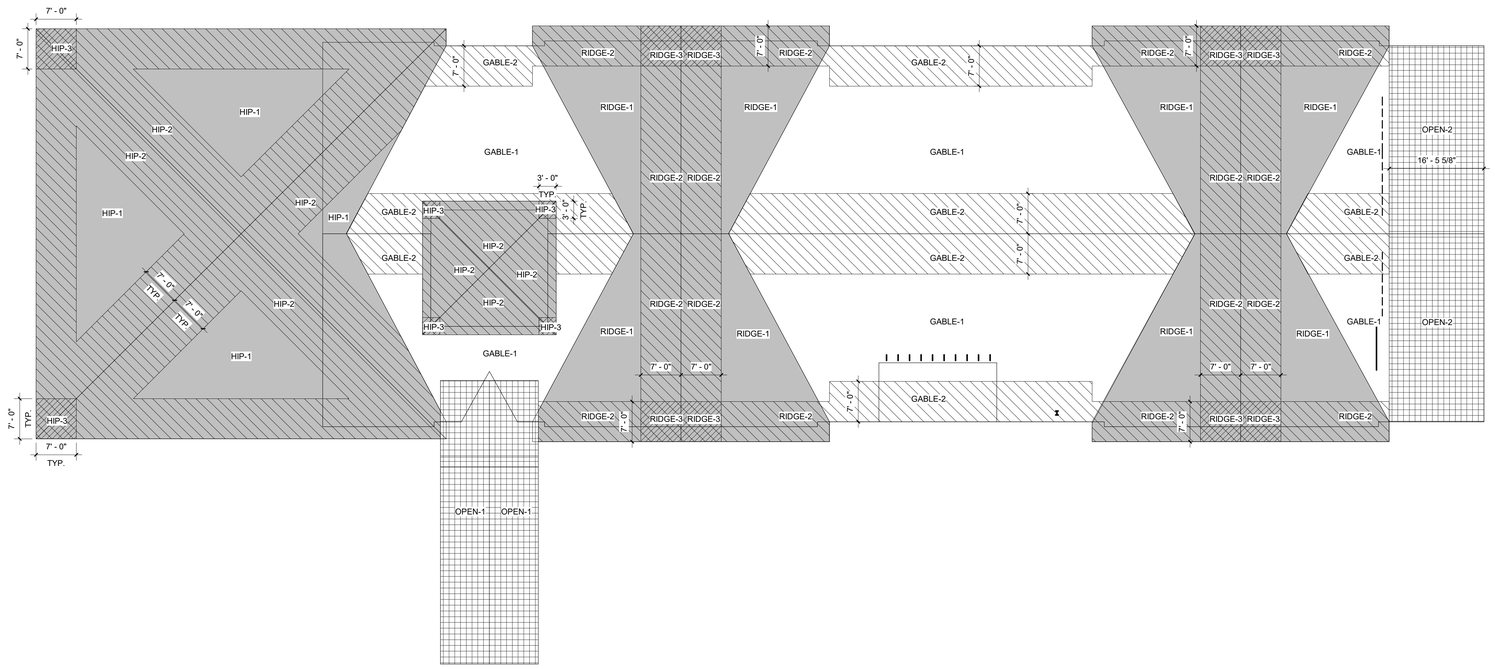


1 S003 **COMPONENTS AND CLADDING WIND LOAD PLAN**

3/32" = 1'-0"

ROOF COMPONENTS AND CLADDING WIND - ULTIMATE (PSF)

	EFF. AREA: 10 FT²		EFF. AREA: 50 FT²		EFF. AREA: 100 FT²	
WIND ZONE	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**
HIP 1	+17.6	-27.8	+16.8	-26.7	+16.5	-26.1
HIP 2	+17.6	-48.4	+16.8	-43.6	+16.5	-42.6
HIP 3	+17.6	-71.6	+16.8	-64.4	+16.5	-63
RIDGE 1	+27.3	-29.9	+26.1	-26.1	+24.8	-24.8
RIDGE 2	+27.3	-34.9	+26.1	-31.1	+24.8	-29.9
RIDGE 3	+27.3	-34.9	+26.1	-31.1	+24.8	-29.9
GABLE 1	+17.2	-27.3	+14.7	-25.3	+12.1	-17.2
GABLE 2	+17.2	-47.6	+14.7	-38.7	+12.1	-34.9
OPEN 1	+47.3	-34.4	+36.6	-25.8	+23.7	-17.2
OPEN 2	+47.3	-68.8	+36.6	-51.6	+23.7	-34.4

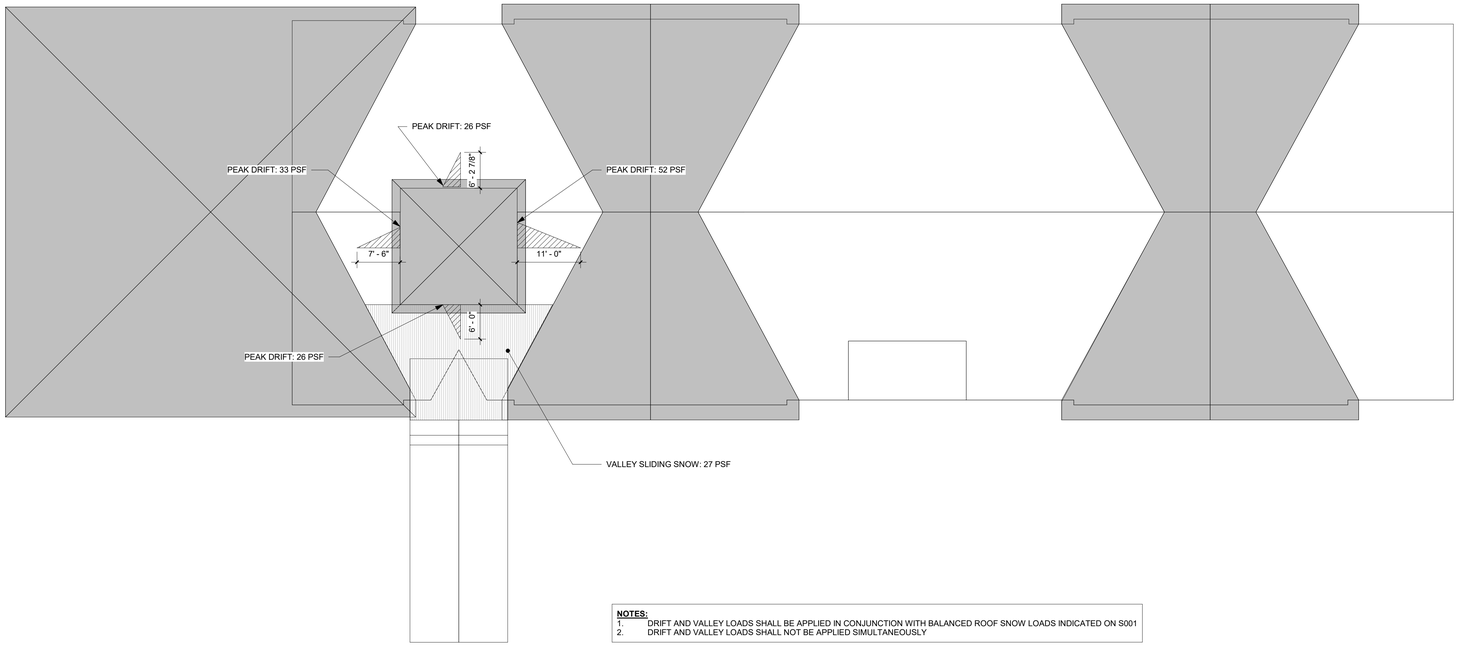
WALL COMPONENTS AND CLADDING WIND - ULTIMATE (PSF)

	EFF. AREA: 10 FT²		EFF. AREA: 50 FT²		EFF. AREA: 100 FT²	
WIND ZONE	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**
TYPICAL	+30.0	-33.0	+27.0	-29.0	+26.0	-28.0
WITHIN 7FT OF CORNER	+30.0	-40.0	+27.0	-34.0	+26.0	-31.0

OVERHANG C&C WIND - ULTIMATE (PSF)

	EFF. AREA: 10 FT²		EFF. AREA: 50 FT²		EFF. AREA: 100 FT²	
WIND ZONE	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**	**+ PRES.**	**- PRES.**
RIDGE 2/3	--	-55.2	--	-51.4	--	-50.1
GABLE 2	--	-60.2	--	-60.2	--	-60.2

NOTES: OVERHANGS NOT INDICATED ON THIS PLAN - REFER TO ARCH OR TRUSS PROFILES



NOTES:
1. DRIFT AND VALLEY LOADS SHALL BE APPLIED IN CONJUNCTION WITH BALANCED ROOF SNOW LOADS INDICATED ON S001
2. DRIFT AND VALLEY LOADS SHALL NOT BE APPLIED SIMULTANEOUSLY

2 S003 **SNOW DRIFT AND SLIDING LOAD PLAN**

3/32" = 1'-0"

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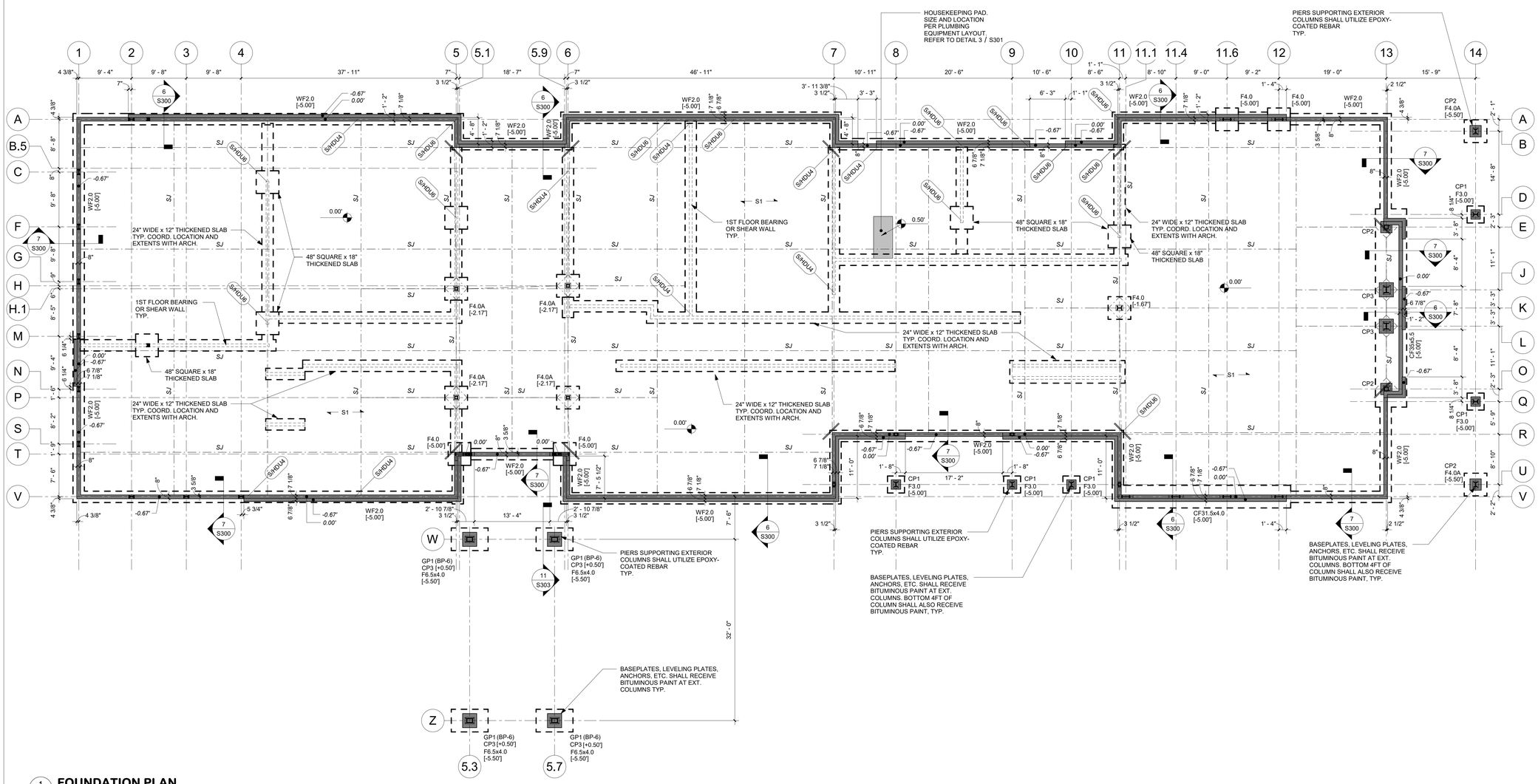

FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. T/SLAB ELEVATION = 0'-0" U.N.O. COORD. T/SLAB ELEVATIONS W/ ARCH. PRIOR TO CONSTRUCTION.
2. TOP OF PIER ELEVATIONS SHALL BE [-0'-8"] U.N.O. ON PLAN OR S002 NOTES.
3. TOP OF FOUNDATION WALL STEM AND SHELF SHALL BE AS NOTED ON PLANS.
4. COORDINATE ALL DIMENSIONS, ELEVATIONS, DOOR & WINDOW LOCATIONS W/ ARCH. DRAWINGS AND/OR EXISTING CONDITIONS
5. COORDINATE ALL WALL PENETRATIONS, UNDERSLAB UTILITIES AND MECHANICAL CHASES W/ APPLICABLE TRADES.
6. SLAB-ON-GRADE DENOTED 'S1' SHALL BE 5" NORMAL-WEIGHT CONCRETE REINFORCED WITH 6x6X-W1.4xW1.4 WWF U.N.O. SEE DETAILS AND SPECIFICATIONS FOR SLAB CONSTRUCTION, INCLUDING VAPOR RETARDER AND COMPACTED BASE MATERIAL.
7. COORDINATE ALL SLAB DEPRESSIONS (WALK-IN COOLERS AND FREEZERS, RECESSED FLOOR MATS, ETC.) WITH ARCHITECTURAL DETAILS, FINISH MATERIAL THICKNESSES, AND ANY OTHER REQUIREMENTS.
8. BOTTOM OF FOOTING SHALL BE 3'-6" MINIMUM BELOW FINISHED GRADE.
9. COORDINATE SIZE AND LOCATION OF WALL SLEEVES AND FOOTING BREAKS FOR ALL UTILITIES WITH SITE/CIVIL DRAWINGS.
10. COORDINATE WITH ELECTRICAL, MECHANICAL, PLUMBING AND FIRE PROTECTION, AND TELECOM DRAWINGS FOR ALL SLAB PENETRATION SIZES AND LOCATIONS, HOUSEKEEPING PAD SIZES AND LOCATIONS, AND LOCATIONS OF UNDERSLAB RADON PITS.
11. G.C. TO PERFORM MOISTURE TESTING ON ALL INTERIOR SLAB ON GRADE PRIOR TO FLOORING PLACEMENT. COORDINATE MOISTURE LEVEL WITH FLOORING REQUIREMENTS.
12. ALL ANCHOR BOLTS AND DOWELS FOR COLUMN BASES TO BE CAST-IN-PLACE. **NO POST-INSTALLED ANCHORS ALLOWED IN FOUNDATION UNLESS NOTED ON PLANS.**
13. BOTTOM WALL PLATE SHALL BE ANCHORED TO CONCRETE WITH 5/8" Ø F1554 ANCHOR BOLTS @ 32" oc, 9" MIN. EMBEDMENT.
14. REFER TO SHEET S400 FOR BASE PLATES, ANCHOR RODS, AND COLUMN SCHEDULE.
15. SEE GENERAL NOTES ON SHEET S001 AND S002 FOR ADDITIONAL INFORMATION.
16. S/HDUs ARE LOCATED AT SHEARWALL ENDS PER LOCATIONS INDICATED ON S101

FOUNDATION & SLAB SUBGRADE NOTES

1. SOIL FOOTING SUBGRADES SHALL BE EXCAVATED LEVEL. ALL SOIL SUBGRADES FOR FOOTINGS SHOULD BE COMPACTED TO 95% OF THE MATERIALS MAXIMUM DRY DENSITY WITHIN PLUS OR MINUS 2% OF THE MATERIAL'S OPTIMUM MOISTURE CONTENT.
2. EXISTING FILL MUST BE IMPROVED PRIOR TO FOUNDATION CONSTRUCTION USING A MINIMUM OF SIX OVERLAPPING PASSES OF A 10-TON VIBRATORY ROLLER. FOUNDATION SUBGRADES IN SAND AND UTILITY TRENCH SUBGRADES SHALL BE PROOFROLLED WITH SIX OVERLAPPING COVERAGES OF A DOUBLE-DRUM ONE TON WALK BEHIND VIBRATORY ROLLER. HAVING A MINIMUM STATIC DRUM WEIGHT OF 10 TONS.
3. ALL SLAB SUBGRADE AREAS SHALL BE PROOFROLLED WITH SIX OVERLAPPING COVERAGES OF A VIBRATORY DRUM ROLLER HAVING A MINIMUM STATIC DRUM WEIGHT OF 10 TONS.
4. A MINIMUM 6 INCH THICK LAYER OF 3/4 INCH CLEAN CRUSHED STONE SHALL BE PLACED BENEATH SLABS.
5. STEPS SHALL BE TAKEN BY THE CONTRACTOR TO CONTROL SURFACE-WATER RUNOFF AND TO REMOVE WATER AND PRECIPITATION FROM PREPARED SUBGRADES.

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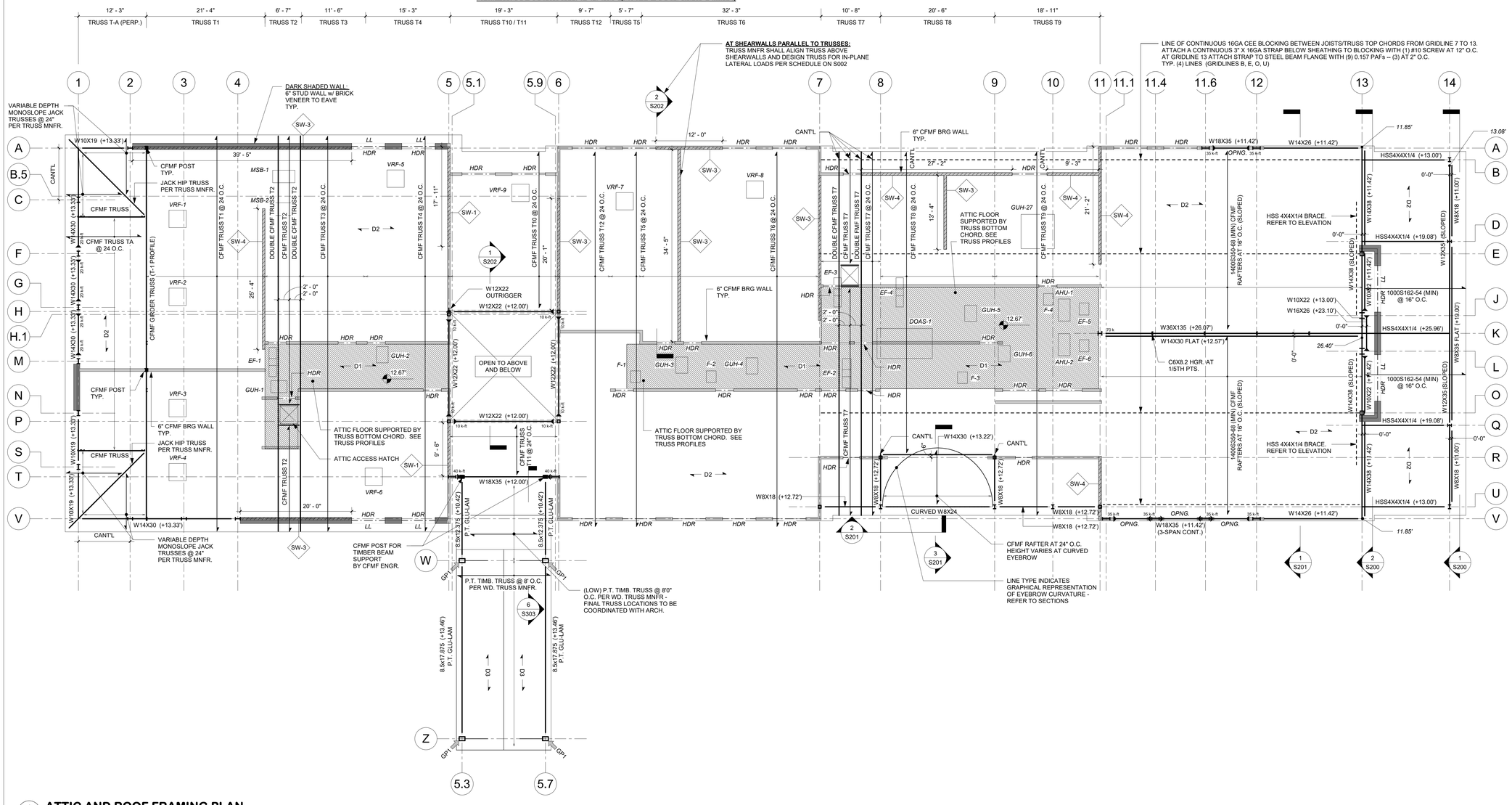
Drawing Number: S100

CFMF TRUSS LOCATION REFERENCE (G.C. TO COORDINATE LIMITS)

12' - 3" TRUSS T-A (PERP.) | 21' - 4" TRUSS T1 | 6' - 7" TRUSS T2 | 11' - 6" TRUSS T3 | 15' - 3" TRUSS T4 | 19' - 3" TRUSS T10 / T11 | 9' - 7" TRUSS T12 | 5' - 7" TRUSS T5 | 32' - 3" TRUSS T6 | 10' - 8" TRUSS T7 | 20' - 6" TRUSS T8 | 18' - 11" TRUSS T9



1 S101 ATTIC AND ROOF FRAMING PLAN

1/8" = 1'-0"

FRAMING PLAN NOTES

1. TOP OF STEEL ELEVATIONS SHALL BE PER PLAN AND DETAILS
2. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
3. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
4. ALL BEAM-END SHEAR CONNECTION SHALL BE DESIGNED FOR MINIMUM OF 15K (SERVICE) OR THE LOAD INDICATED ON PLAN (WHICHEVER IS LARGER) - SEE NOTES ON S001
5. MOMENT CONNECTIONS SHALL BE DESIGNED FOR THE MOMENT INDICATED ON PLANS OR IN DETAILS. MOMENTS INDICATED ARE SERVICE-LEVEL
6. DESIGN OF CONNECTIONS NOT IDENTIFIED WITH A CONNECTION MARK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/FABRICATOR. SEE SPECIFICAITONS FOR CONNECTION DESIGN REQUIREMENTS.
7. COORDINATE WITH ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR QUANTITIES, SIZES, AND LOCATIONS OF ALL SLAB PENETRATIONS, DUCT CHASES, AND HOUSEKEEPING PADS.
8. REFER TO SHEET S400 FOR BASE PLATES AND ANCHOR RODS.
9. BOTTOM WALL PLATE SHALL BE ANCHORED TO CONCRETE WITH 5/8" Ø F1554 ANCHOR BOLTS @ 32" oc, 9" MIN. EMBEDMENT.
10. SEE GENERAL NOTES ON SHEET S001 FOR ADDITIONAL INFORMATION.
11. REFER TO ARCHITECTURAL DWGS FOR STEEL FRAMING FIREPROOFING REQUIREMENTS.
12. MECHANICAL EQUIPMENT SIZE, LOCATION, & WEIGHT SHOWN FOR INFORMATION ONLY. G.C. SHALL COORDINATE SIZE, LOCATION, & WEIGHT PRIOR TO STRUCT. STEEL SHOP DRAWING SUBMISSION FOR REVIEW. PLEASE NOTE ANY CHANGES IN ANY OF THESE VALUES COULD RESULT IN MODIFICATIONS TO THE ROOF FRAMING.
13. CFMF TRUSS DESIGNER TO COORDINATE LOCATIONS OF ALL MECHANICAL UNITS AND OPENINGS WITH THE RESPECTIVE TRADES DURING THE DESIGN PHASE. TRUSS DESIGN TO INCLUDE ADDITIONAL LOADING FROM ALL MECHANICAL EQUIPMENT. CFMF DESIGNER TO BE RESPONSIBLE FOR FINAL LAYOUT OF ALL TRUSSES; THE LAYOUT SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES.

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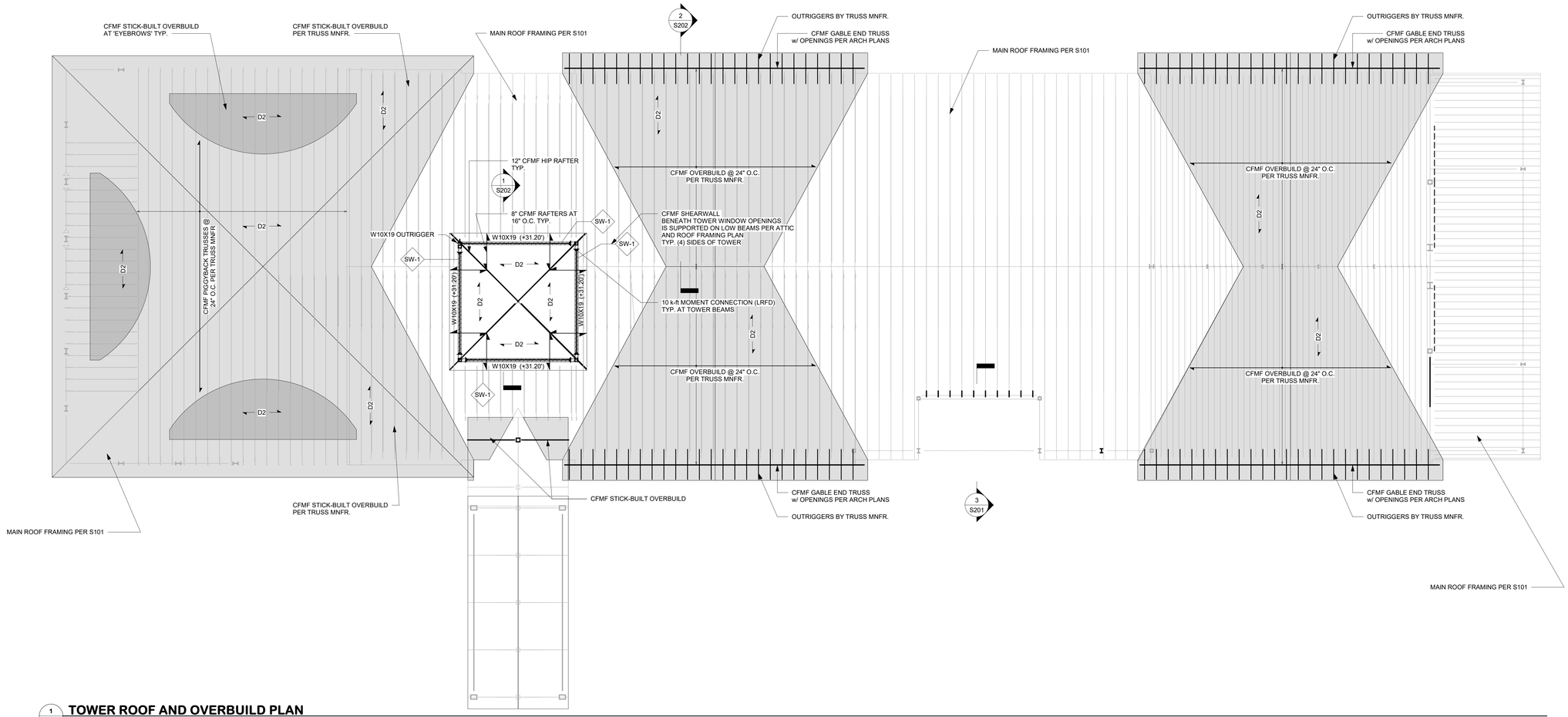

1 S102 **TOWER ROOF AND OVERBUILD PLAN**
1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

1. TOP OF STEEL ELEVATIONS SHALL BE PER PLAN AND DETAILS
2. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
3. COORDINATE ALL WALL PENETRATIONS, UTILITIES AND MECHANICAL CHASES WITH APPLICABLE TRADES.
4. ALL BEAM-END SHEAR CONNECTION SHALL BE DESIGNED FOR MINIMUM OF 15K (SERVICE) OR THE LOAD INDICATED ON PLAN (WHICHEVER IS LARGER) - SEE NOTES ON S001
5. MOMENT CONNECTIONS SHALL BE DESIGNED FOR THE MOMENT INDICATED ON PLANS OR IN DETAILS. MOMENTS INDICATED ARE SERVICE-LEVEL
6. DESIGN OF CONNECTIONS NOT IDENTIFIED WITH A CONNECTION MARK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/FABRICATOR. SEE SPECIFICAITONS FOR CONNECTION DESIGN REQUIREMENTS.
7. COORDINATE WITH ELECTRICAL, MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR QUANTITIES, SIZES, AND LOCATIONS OF ALL SLAB PENETRATIONS, DUCT CHASES, AND HOUSEKEEPING PADS.
8. REFER TO SHEET S400 FOR BASE PLATES AND ANCHOR RODS.
9. SEE GENERAL NOTES ON SHEET S001 FOR ADDITIONAL INFORMATION.
10. REFER TO ARCHITECTURAL DWGS FOR STEEL FRAMING FIREPROOFING REQUIREMENTS.
11. MECHANICAL EQUIPMENT SIZE, LOCATION, & WEIGHT SHOWN FOR INFORMATION ONLY. G.C. SHALL COORDINATE SIZE, LOCATION, & WEIGHT PRIOR TO STRUCT. STEEL SHOP DRAWING SUBMISSION FOR REVIEW. PLEASE NOTE ANY CHANGES IN ANY OF THESE VALUES COULD RESULT IN MODIFICATIONS TO THE ROOF FRAMING.

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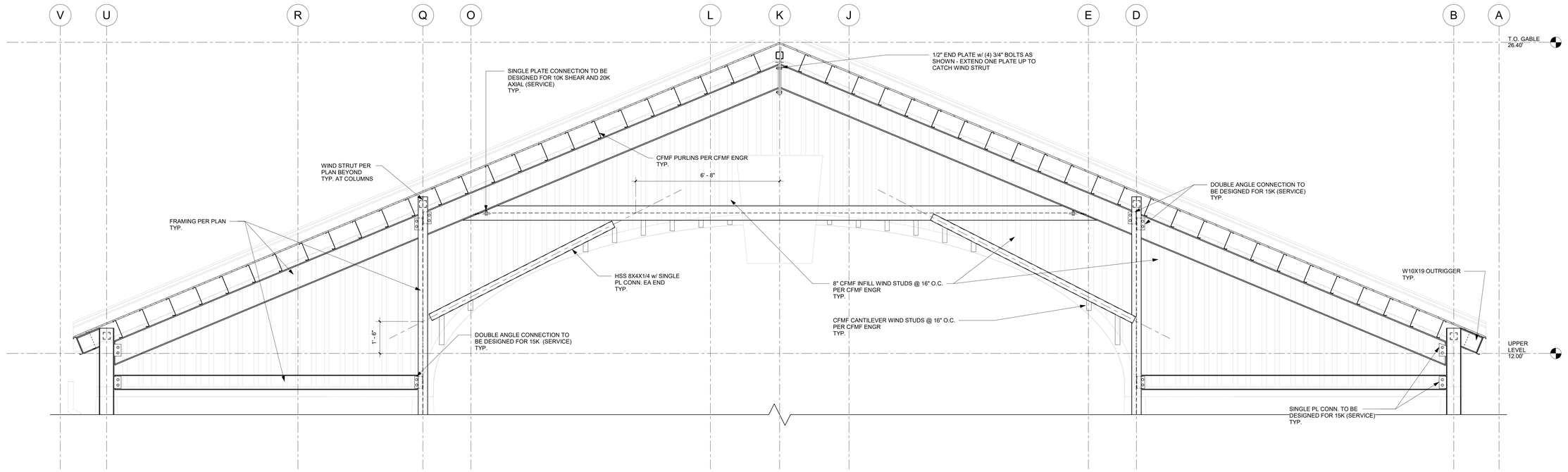
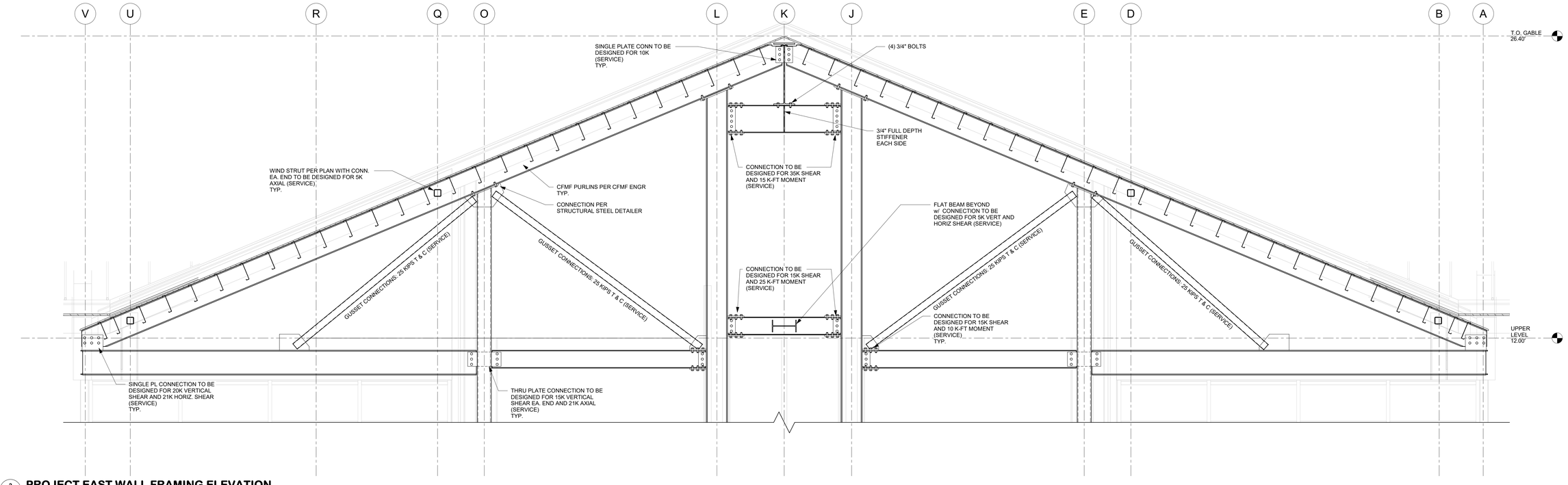


1 S200 **PROJECT EAST CANOPY FRAMING ELEVATION**

1/2" = 1'-0"



2 S200 **PROJECT EAST WALL FRAMING ELEVATION**

1/2" = 1'-0"

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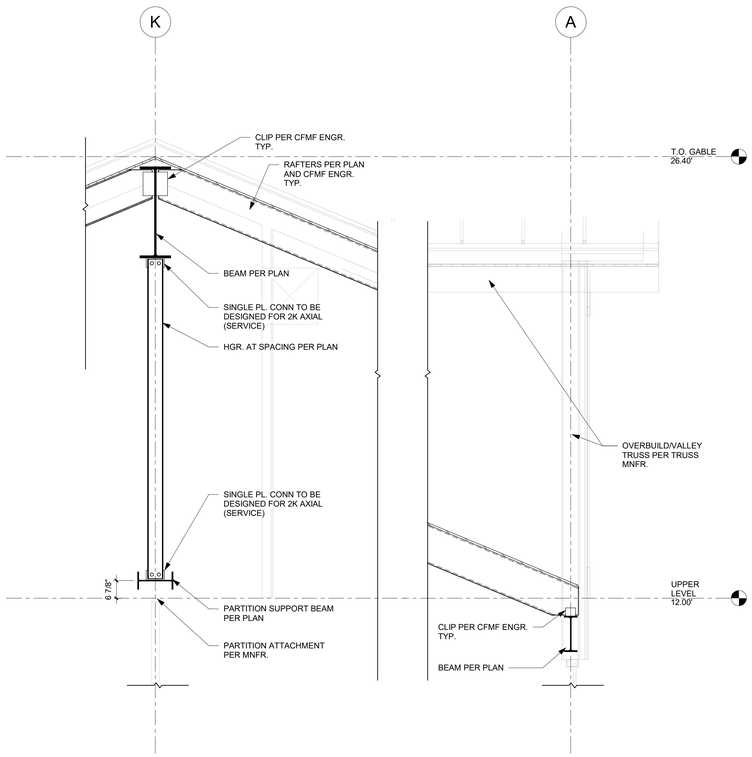
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

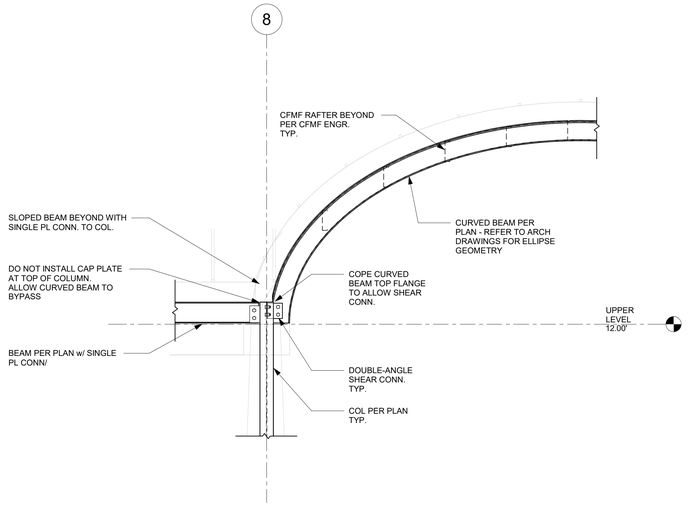
Drawing Title:
STRUCTURAL SECTIONS

Date: SEPTEMBER 09, 2022
Scale: 1/2" = 1'-0"
Drawn By: MRC
Project Number: 20.003

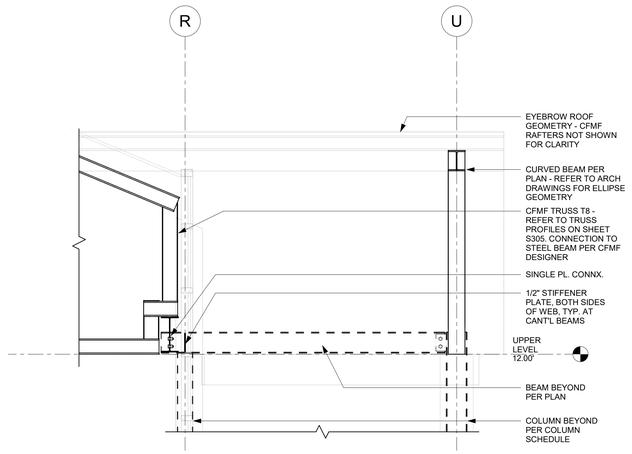
Drawing Number:
S200



1 S201 **MULTI-PURPOSE ROOM BUILDING SECTION**
1/2" = 1'-0"



2 S201 **EYEBROW FRAMING ELEVATION**
1/2" = 1'-0"



3 S201 **EYEBROW FRAMING SECTION**
1/2" = 1'-0"

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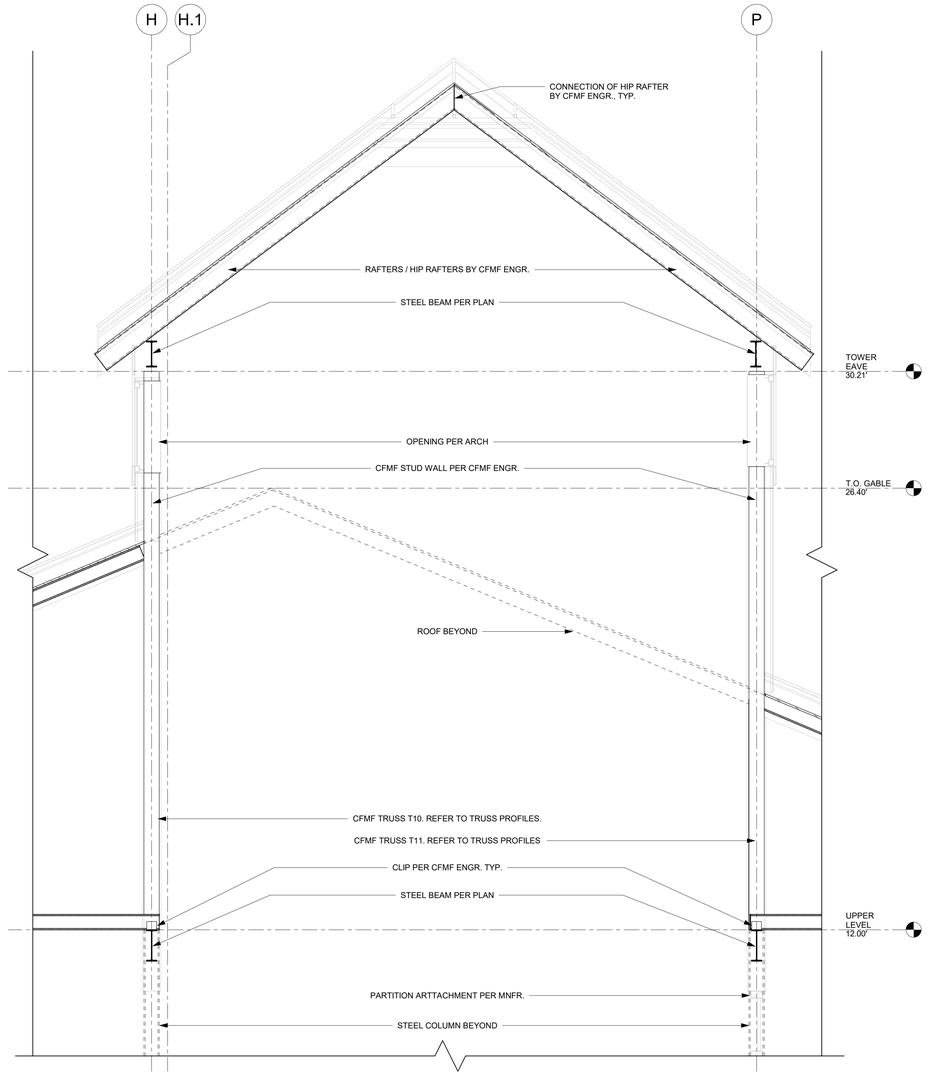
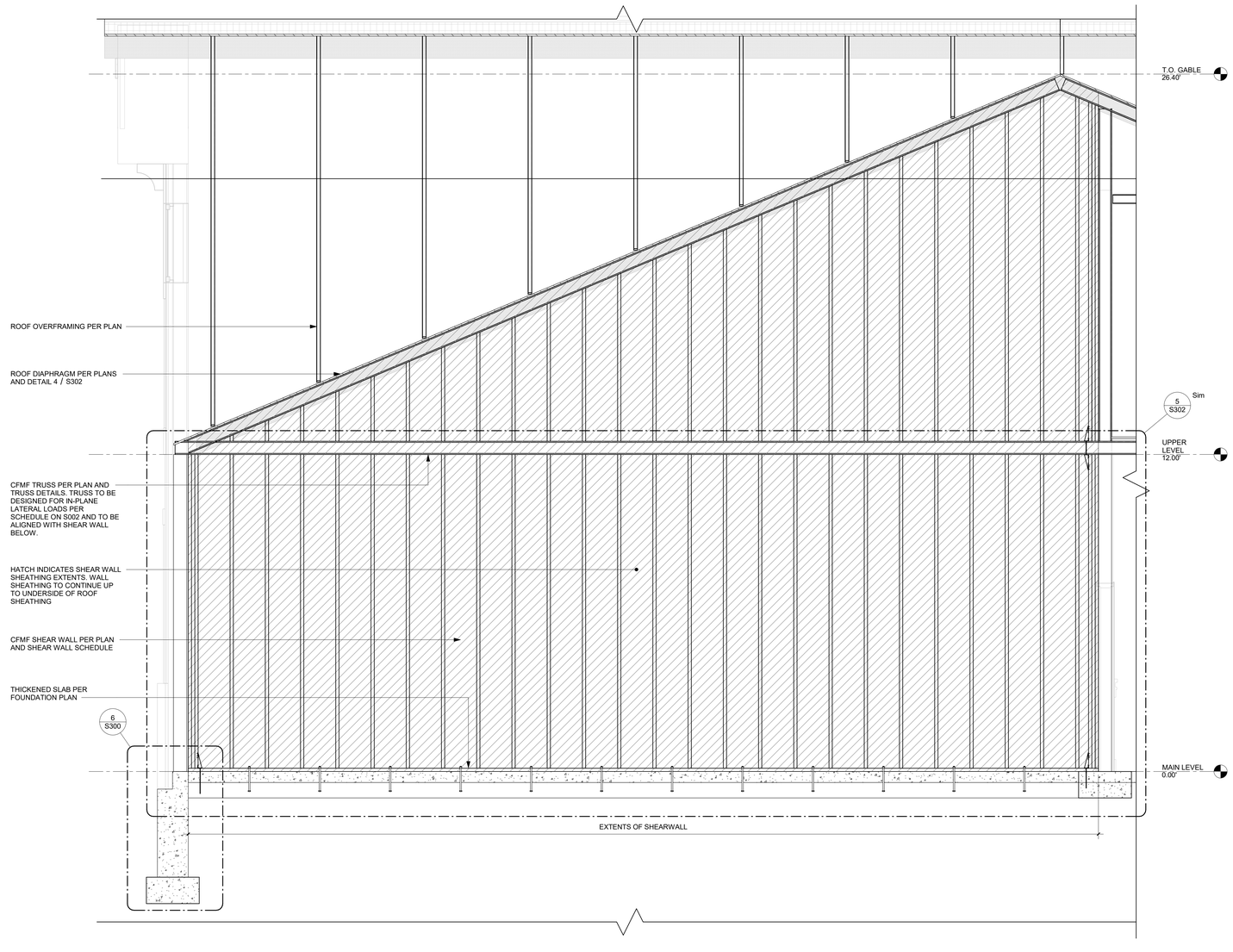


1 S202 **TOWER BUILDING SECTION**
1/2" = 1'-0"



2 S202 **SHEARWALL PARALLEL TO TRUSSES - ELEVATION**
1/2" = 1'-0"

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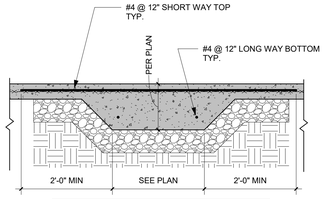
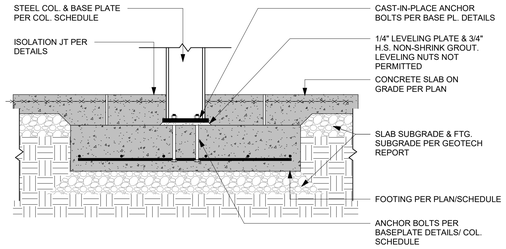
Project Number: **20.003**
Drawing Number: **S202**

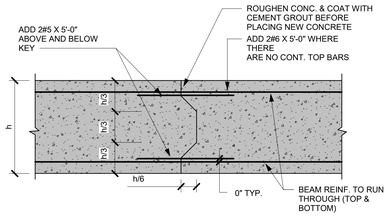


NOTES:
1. SEE PLAN FOR THICKENED SLAB DIMENSIONS, REINFORCING, AND UNDERSLAB REQUIREMENTS
2. AT SQUARE THICKENED SLABS PROVIDE BOTTOM AND TOP BARS BOTH WAYS

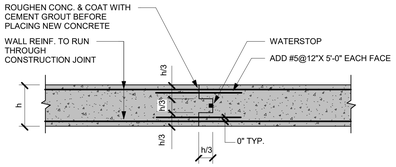
1 S300 THICKENED SLAB DETAIL
3/4" = 1'-0"



2 S300 TYPICAL COL. ON FTG. DETAIL
3/4" = 1'-0"



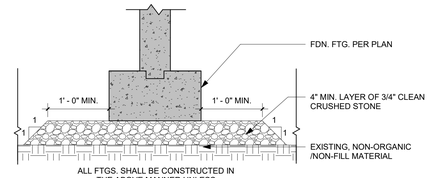
CONTINUOUS WALL FOOTING



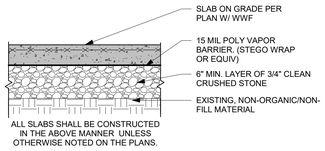
IN FOUNDATION WALLS

NOTE:
1. WHEN FDN. WALL SPANS HORIZONTALLY, STAGGER KEY VERTICALLY.

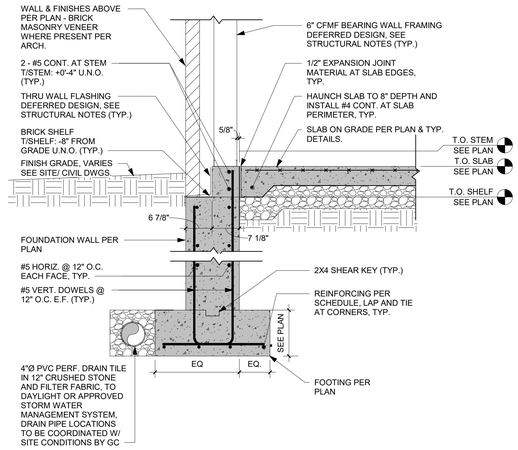
3 S300 TYPICAL FOUNDATION CONSTRUCTION JOINTS
3/4" = 1'-0"



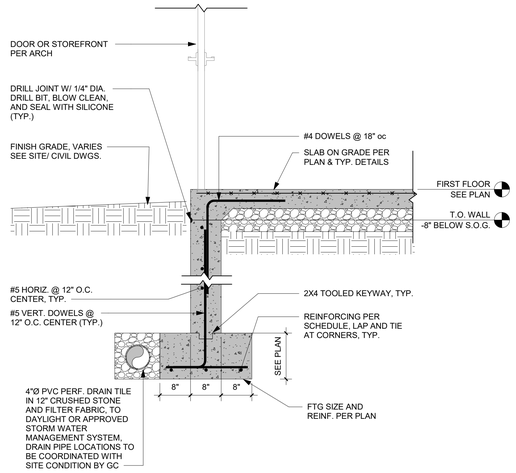
4 S300 TYPICAL FTG. SOIL DETAIL
1" = 1'-0"



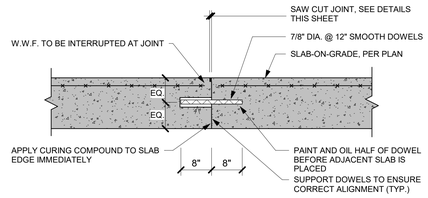
5 S300 TYPICAL SLAB ON GRADE DETAIL
1" = 1'-0"



6 S300 TYPICAL FDN. FROST WALL
3/4" = 1'-0"

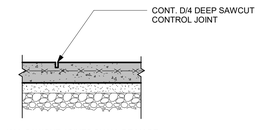


7 S300 TYPICAL FDN. FROST WALL @ DOOR
3/4" = 1'-0"

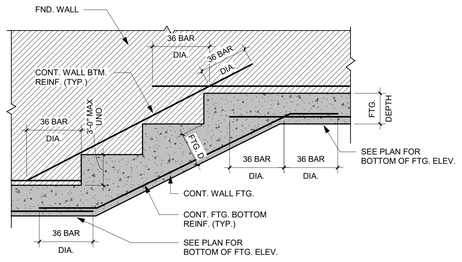


NOTES:
1. GROUND FLOOR SLABS SHALL BE PLACED BY THE ALTERNATING STRIP-CAST METHOD, A MINIMUM OF FIVE DAYS SHALL ELAPSE PRIOR TO PLACEMENT OF ADJACENT CONCRETE STRIPS.
2. FOR INFORMATION NOT SHOWN REFER TO TYPICAL SLAB ON GRADE DETAIL.
3. WHERE SLABS ARE OF UNEQUAL THICKNESS, HAUNCH THINNER SLAB TO MATCH THICKER SLAB.
4. WHERE CASTING NEW SLAB AGAINST AN EXISTING SLAB, DRILL & SET DOWELS SHOWN ABOVE INTO EXG. SLAB W/ HILTI HIT-HY 200 INJECTION ADHESIVE PER

8 S300 TYPICAL SLAB ON GRADE CONSTRUCTION JOINT
3/4" = 1'-0"



9 S300 TYPICAL SLAB CONTROL JOINT DETAIL
1" = 1'-0"



10 S300 TYPICAL STEPPED FOOTING DETAIL
1/2" = 1'-0"

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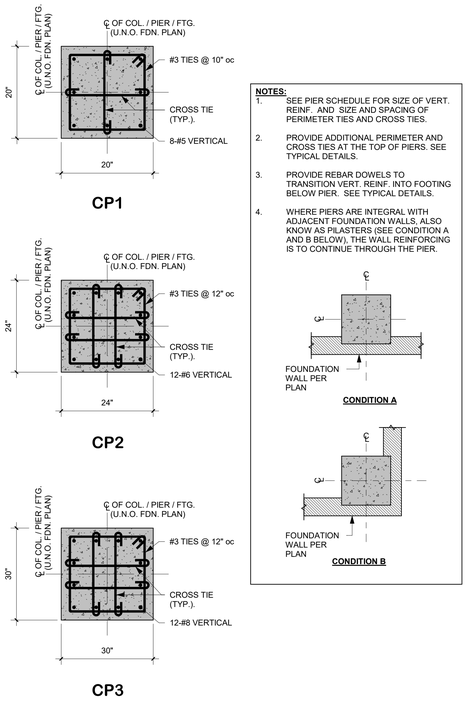
Drawing Number: S300



NOTES:

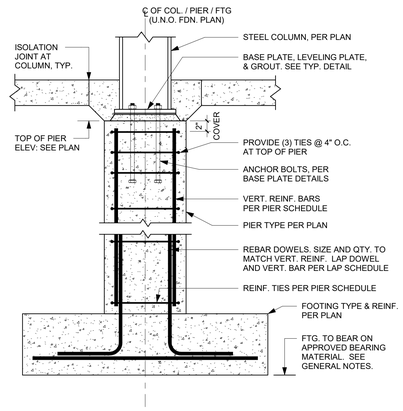
1. SEE PIER SCHEDULE FOR SIZE OF VERT. REINF. AND SIZE AND SPACING OF PERIMETER TIES AND CROSS TIES.
2. PROVIDE ADDITIONAL PERIMETER AND CROSS TIES AT THE TOP OF PIERS. SEE TYPICAL DETAILS.
3. PROVIDE REBAR DOWELS TO TRANSITION VERT. REINF. INTO FOOTING BELOW PIER. SEE TYPICAL DETAILS.
4. WHERE PIERS ARE INTEGRAL WITH ADJACENT FOUNDATION WALLS, ALSO KNOW AS PILASTERS (SEE CONDITION A AND B BELOW), THE WALL REINFORCING IS TO CONTINUE THROUGH THE PIER.

CONDITION A

CONDITION B

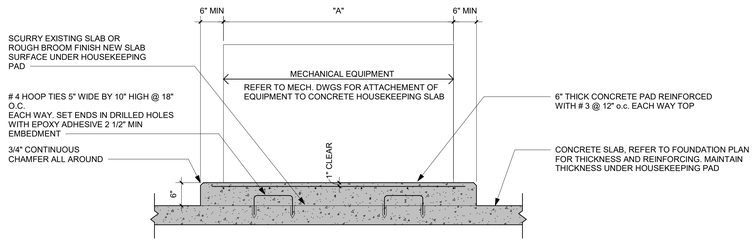
1 S301 REINFORCED CONCRETE PIER DETAILS

1" = 1'-0"



2 S301 TYPICAL CONCRETE PIER DETAIL

1" = 1'-0"



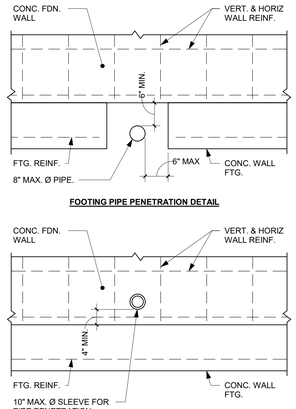
TYPICAL HOUSEKEEPING PAD

NOT TO SCALE

NOTES:
1. CONTRACTOR SHALL COORDINATE DIMENSIONS NOTED AS "A" WITH SIZE OF MECHANICAL EQUIPMENT SUPPLIED

3 S301 TYPICAL HOUSEKEEPING PAD

3/4" = 1'-0"



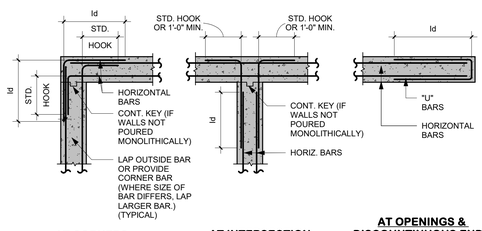
FOOTING PIPE PENETRATION DETAIL

WALL PIPE PENETRATION DETAIL

NOTES:
1. FOR MULTIPLE ADJACENT OR CLOSELY SPACED PENETRATIONS, CONTACT ENGINEER OF RECORD FOR ADD'L REINF.
2. FTG. PENETRATIONS ARE ONLY ALLOWED IN STRIP FTG. NO PENETRATIONS ARE ALLOWED IN SPREAD FTGS. BELOW COLUMNS.
3. FOR PENETRATIONS AT THE TOP OF THE FDN. WALL, TOP OF SLEEVE SHALL BE 1'-6" MINIMUM BELOW THE TOP OF THE WALL.

4 S301 TYPICAL PIPE PENETRATION FOUNDATION DETAIL

3/4" = 1'-0"



AT CORNERS **AT INTERSECTION** **AT OPENINGS & DISCOUNTINUOUS ENDS**

5 S301 TYPICAL PLAN @ WALL HORIZONTAL REINFORCING

1/2" = 1'-0"

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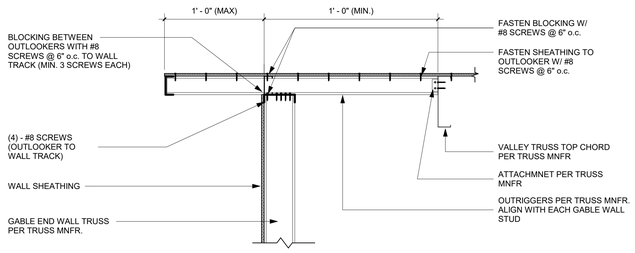
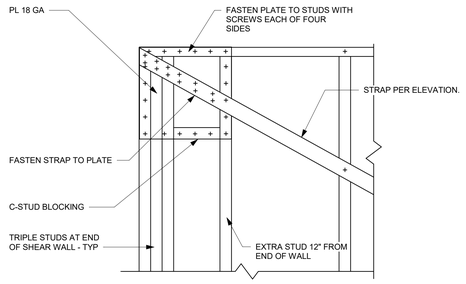
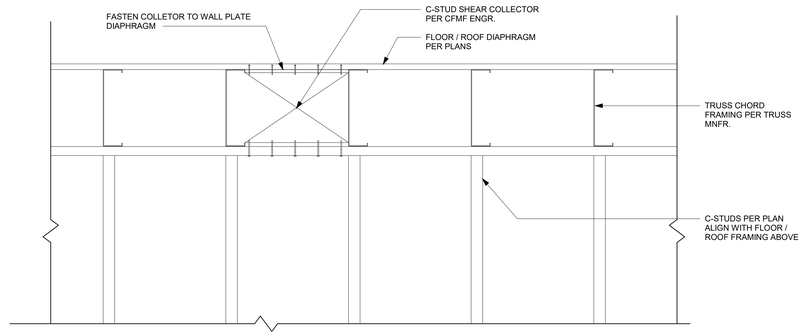


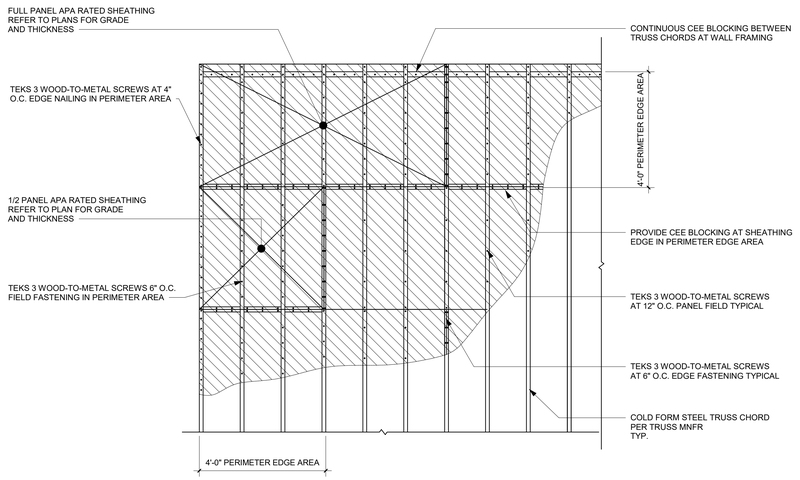
1 S302 CFMF OUTRIGGER DETAIL
1" = 1'-0"



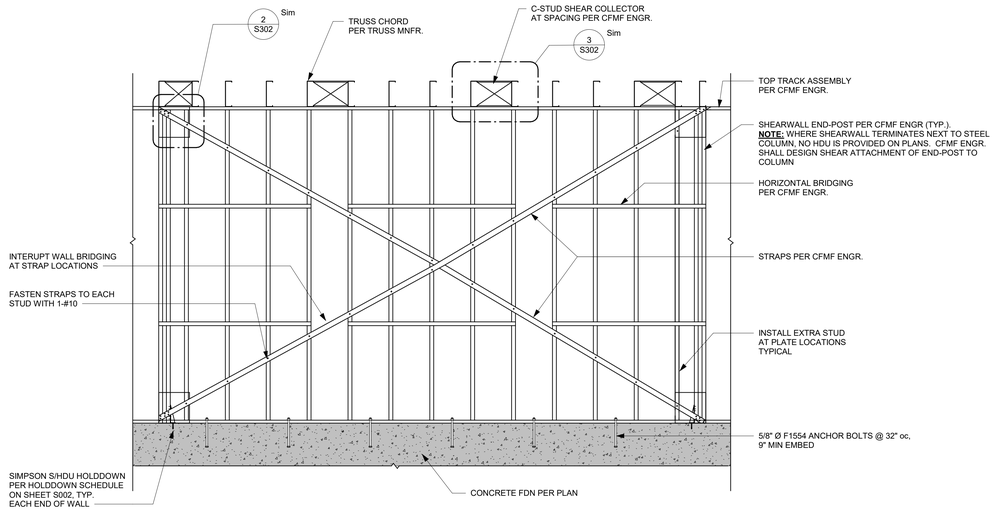
2 S302 TYPICAL COLD FORM BRACED WALL DETAIL
1 1/2" = 1'-0"



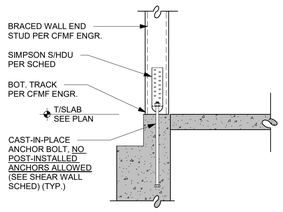
3 S302 TYPICAL COLD FORM BRACED WALL DETAIL TOP OF WALL
1 1/2" = 1'-0"



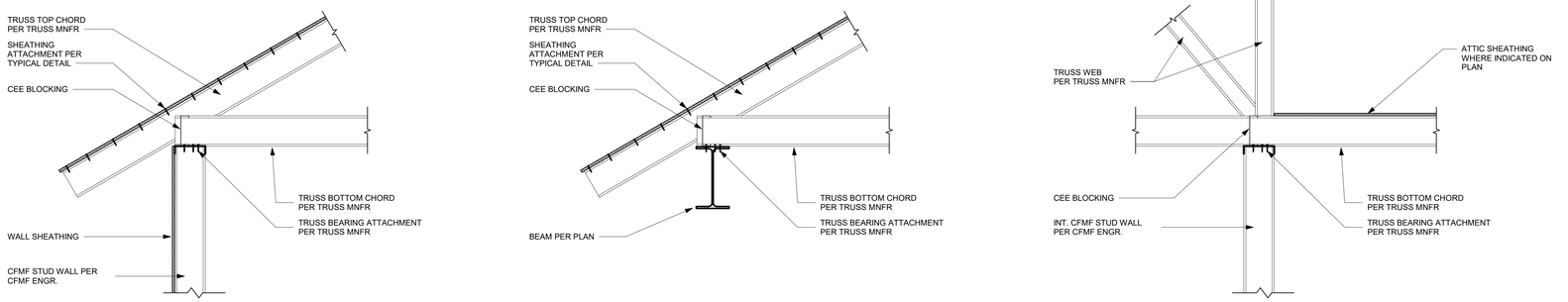
4 S302 TYPICAL PLYWOOD ROOF DIAPHRAGM
1/2" = 1'-0"



5 S302 TYPICAL COLD FORM BRACED WALL ELEVATION
1/2" = 1'-0"



6 S302 TYPICAL CFS HDU
3/4" = 1'-0"



7 S302 CFMF TRUSS BEARING
1" = 1'-0"

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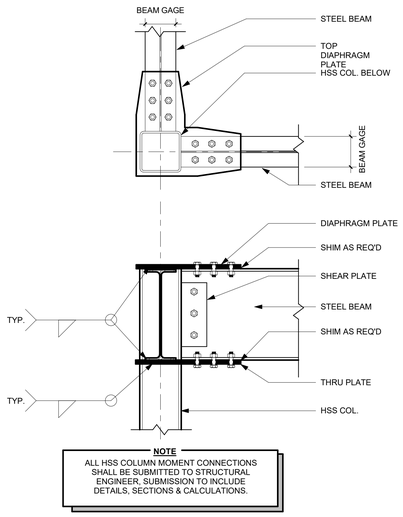
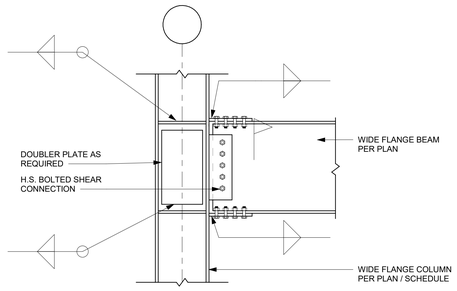
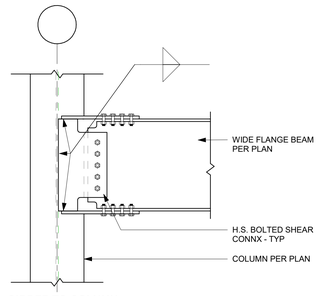


NOTE
ALL HSS COLUMN MOMENT CONNECTIONS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER, SUBMISSION TO INCLUDE DETAILS, SECTIONS & CALCULATIONS.

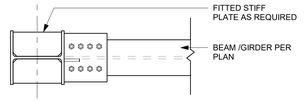
1 S303 TYP. BOLTED MOMENT CONN. TO HSS COLUMN
1" = 1'-0"



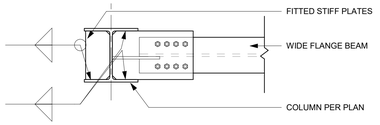
GIRDER TO COLUMN FLANGE ELEVATION



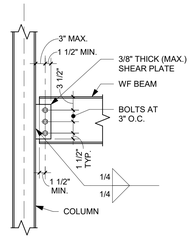
GIRDER TO COLUMN WEB ELEVATION



GIRDER TO COLUMN FLANGE PLAN



GIRDER TO COLUMN WEB PLAN



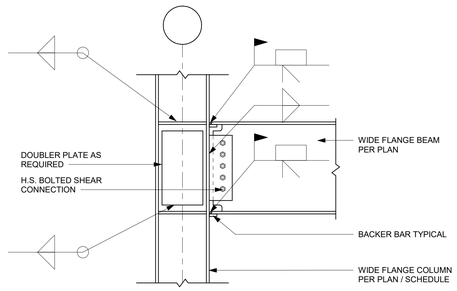
TYPICAL BEAM CONNECTION DETAIL

MINIMUM ALLOWABLE CONNECTION CAPACITY (ASD)

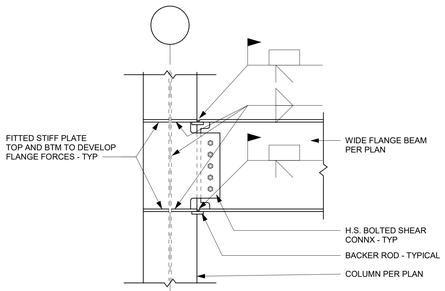
BEAM DEPTH	NO. OF BOLTS	HOLE TYPE	MIN. SHEAR CAPACITY (ASD)
W8, W10	2	STD OR SSLT	15.5K
W12, W14	3	STD OR SSLT	27.7K
W16, W18	4	STD OR SSLT	42.1K
W21	5	STD OR SSLT	54.5K
W24	6	SSLT	66.8K
W27	7	SSLT	78.8K
W30	8	SSLT	90.9K
W33	9	SSLT	103K
W36	10	SSLT	115K
W40	11	SSLT	126K
W44	12	SSLT	138K

NOTES:
1. CONNECTION INDICATED IS ACCEPTABLE FOR ALL W BEAM TO W COLUMN FLANGE CONNECTIONS, W BEAM TO HSS COLUMN CONNECTIONS, AND W BEAM TO W BEAM CONNECTIONS.
2. CONNECTION INDICATED IS NOT ACCEPTABLE FOR W BEAM TO W COLUMN WEB CONNECTIONS. THOSE CONNECTIONS ARE TO BE DESIGNED BY THE STEEL MANUFACTURER FOR THE SAME MINIMUM SHEAR CAPACITIES INDICATED
3. OTHER CONNECTIONS TYPES AND CONFIGURATIONS ARE ACCEPTABLE AS LONG AS CALCULATIONS, SIGNED AND STAMPED BY AN ENGINEER REGISTERED IN THE APPLICABLE STATE, ARE SUBMITTED TO SHOW THAT THE CONNECTIONS MEET THE SAME MINIMUM SHEAR CAPACITIES INDICATED HERE.
4. CONNECTIONS ARE TO USE 3/4" Ø ASTM GROUP A (A.K.A. A325) HIGH STRENGTH BOLTS.
5. STD = STANDARD HOLE.
6. SSLT = SHORT-SLOTTED HOLE ORIENTED WITH LONG DIMENSION HORIZONTAL. HOLES CAN BE MADE IN EITHER THE SHEAR PLATE OR BEAM WEB.

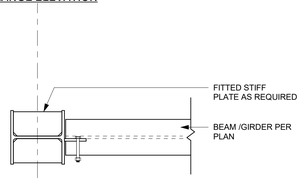
2 S303 TYP. BOLTED MOMENT CONN. TO WF COLUMN
3/4" = 1'-0"



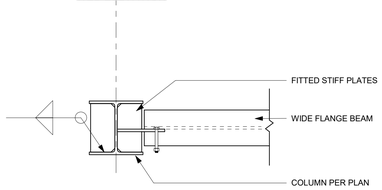
GIRDER TO COLUMN FLANGE ELEVATION



GIRDER TO COLUMN WEB ELEVATION

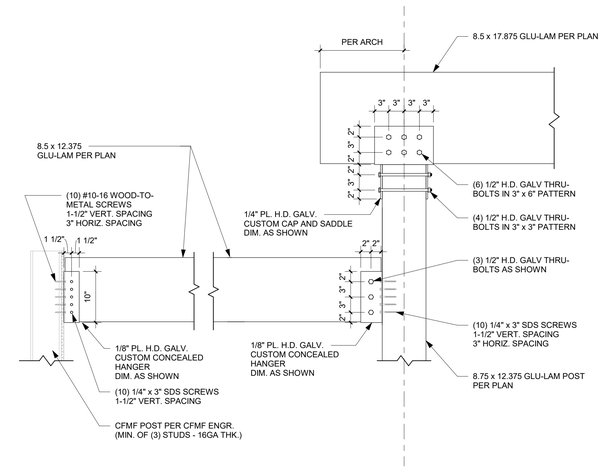


GIRDER TO COLUMN FLANGE PLAN

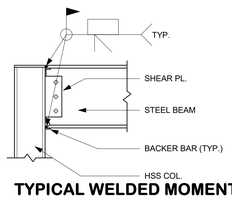


GIRDER TO COLUMN WEB PLAN

3 S303 TYPICAL SINGLE PLATE CONNECTION DETAIL
3/4" = 1'-0"

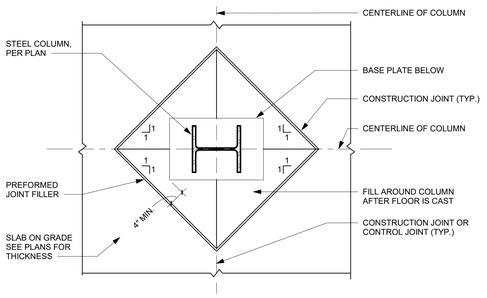


4 S303 TYPICAL WELDED MOMENT CONNECTION BEAM TO HSS COLUMN
3/4" = 1'-0"

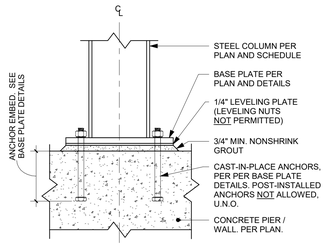


5 S303 TYPICAL WELDED MOMENT CONNECTION GIRDER TO WF COLUMN
3/4" = 1'-0"

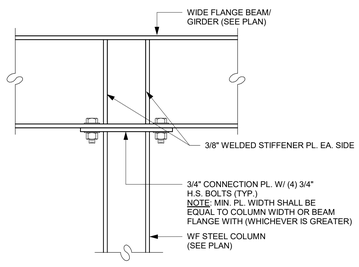
6 S303 GLU-LAM CONNECTION DETAILS
1" = 1'-0"



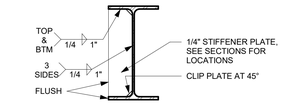
7 S303 TYPICAL COLUMN ISOLATION JOINT DETAIL
3/4" = 1'-0"



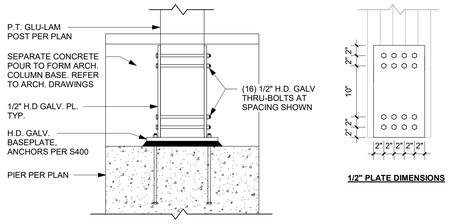
8 S303 TYPICAL STEEL COLUMN BASE DETAIL
1 1/2" = 1'-0"



9 S303 TYPICAL STEEL BEAM CONTINUOUS OVER COLUMN DETAIL
3/4" = 1'-0"



10 S303 TYPICAL STIFFENER PLATE DETAIL
1 1/2" = 1'-0"



11 S303 GLU-LAM FIXED BASE CONNECTION
1" = 1'-0"

Project Title:
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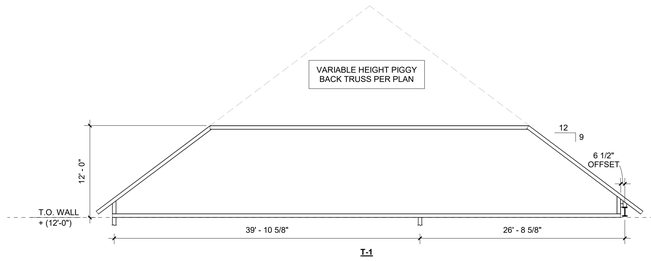
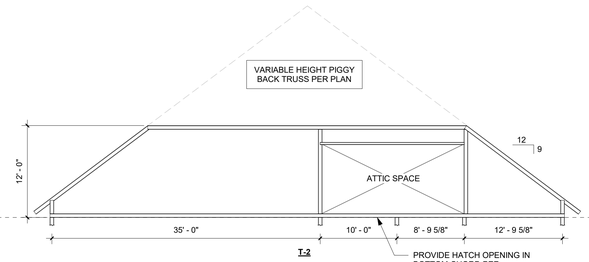
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title: STRUCTURAL DETAILS

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: MRC
Project Number: 20.003
Drawing Number: S303



T-1



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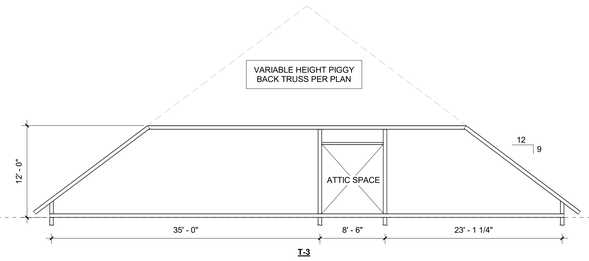

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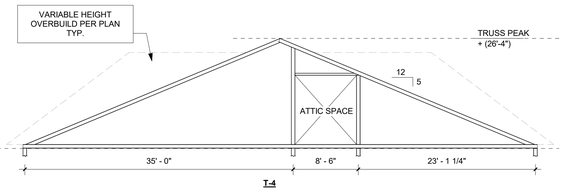

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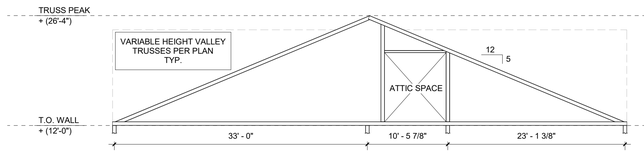

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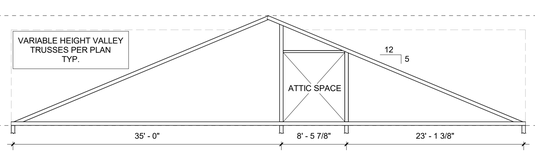

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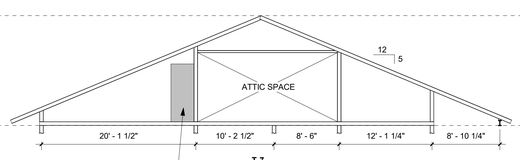

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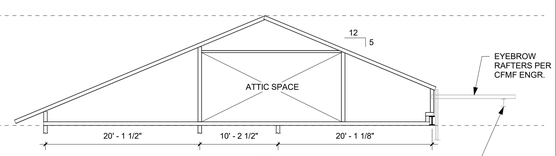

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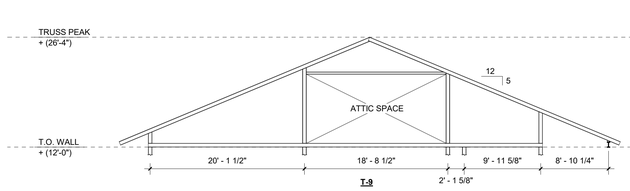

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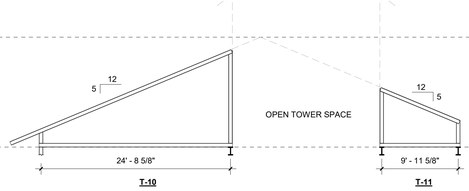
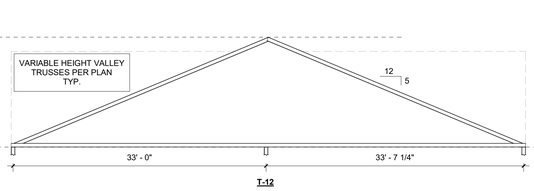


T-10 T-11



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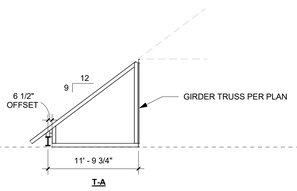


T-A

1 S304 CFMF TRUSS PROFILES

1/8" = 1'-0"

CFMF TRUSS LOADING:

TOP CHORD (EXTERIOR SHEATHING):
- DL: 15PSF
- SNOW: 30PSF + DRIFT LOAD
- ROOF LL: 20 PSF

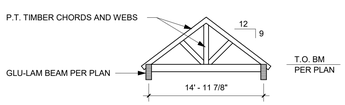
BOT CHORD (NO ATTIC), CFMF ONLY:
- DL: 10 PSF
- SNOW: NONE
- LL: NONE

BOT CHORD (ATTIC), CFMF ONLY:
- DL: 20 PSF
- SNOW: NONE
- LL: 30 PSF or 500LB CONC. AT ANY POINT
- MECHANICAL UNIT WEIGHTS: PER PLANS AND MEP

NOTES:
1. LOADS DO NOT INCLUDE WEIGHT OF TRUSSES, BRACING OR OVERBUILD/PIGGBACK FRAMING TO BE DESIGNED BY MNFR.
2. SEE LOAD PLAN FOR DRIFT LOADS
3. SEE LOAD PLAN FOR COMPONENTS AND CLADDING WIND LOADS

CFMF TRUSS NOTES:

1. ALL TRUSS GEOMETRY SHALL BE COORDINATED WITH ARCHITECTURAL PLANS
2. TRUSSES BEAR DIRECTLY ON 6" STUD WALL OR BEAMS AS INDICATED IN PROFILES.
3. DUE TO TRUSS LENGTHS AND DEPTHS THE TRUSS MANUFACTURER MAY PROVIDE SEGMENTAL OR PIGGYBACK TRUSS CONDITIONS DUE TO MANUFACTURING, SHIPPING, AND ERECTION CONSIDERATIONS.
4. TOP OF BEAM BEARING LOCATIONS ARE PER PLAN
5. T.O. ATTIC FRAMING: +(12'-6")
   - A. ATTIC CHORDS MAY BE > 6" IF ADDITIONAL DEPTH EXTENDS DOWN INTO CEILING CAVITY - COORDINATE WITH ARCHITECT
6. REFER TO PLANS FOR TRUSSES TO BE DESIGNED FOR IN-PLANE SHEAR LOADS



P.T. TIMBER TRUSS

2 S304 WOOD TRUSS PROFILE

1/8" = 1'-0"

P.T. TIMBER TRUSS LOADING:

TOP CHORD (EXTERIOR SHEATHING):
- DL: 10PSF
- SNOW: 30PSF + DRIFT SNOW
- ROOF LL: 20 PSF

BOT CHORD:
- DL: 5PSF

IN-PLANE SHEAR:
- WIND: 2.5 KIPS (SERVICE)

NOTES:
1. LOADS DO NOT INCLUDE WEIGHT OF TRUSSES
2. SEE LOAD PLAN FOR DRIFT LOADS
3. SEE LOAD PLAN FOR COMPONENTS AND CLADDING WIND LOADS

TIMBER TRUSS NOTES:

1. EXACT TRUSS MEMBER GEOMETRY, LOCATIONS, AND JOINERY SHALL BE COORDINATED WITH ARCHITECTRAL DRAWINGS AND RECEIVE THE APPROVAL OF THE ARCHITECT.
2. TOP OF BEAM BEARING LOCATIONS ARE PER PLAN
3. TRUSSES SHALL BE DESIGNED WITHOUT ADDITIONAL BRACING OR BRIDGING
4. DESIGN TRUSSES FOR IN-PLANE SHEAR LOADS INDICATED IN LOAD TABLE.

Project Title:
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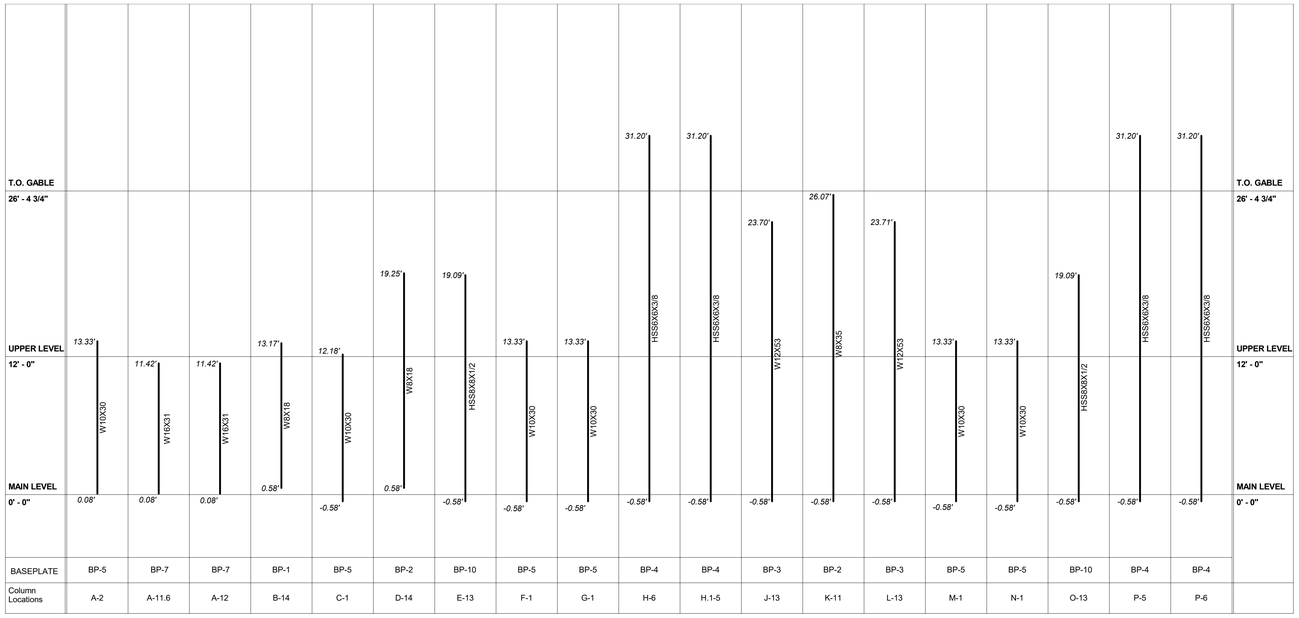
Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

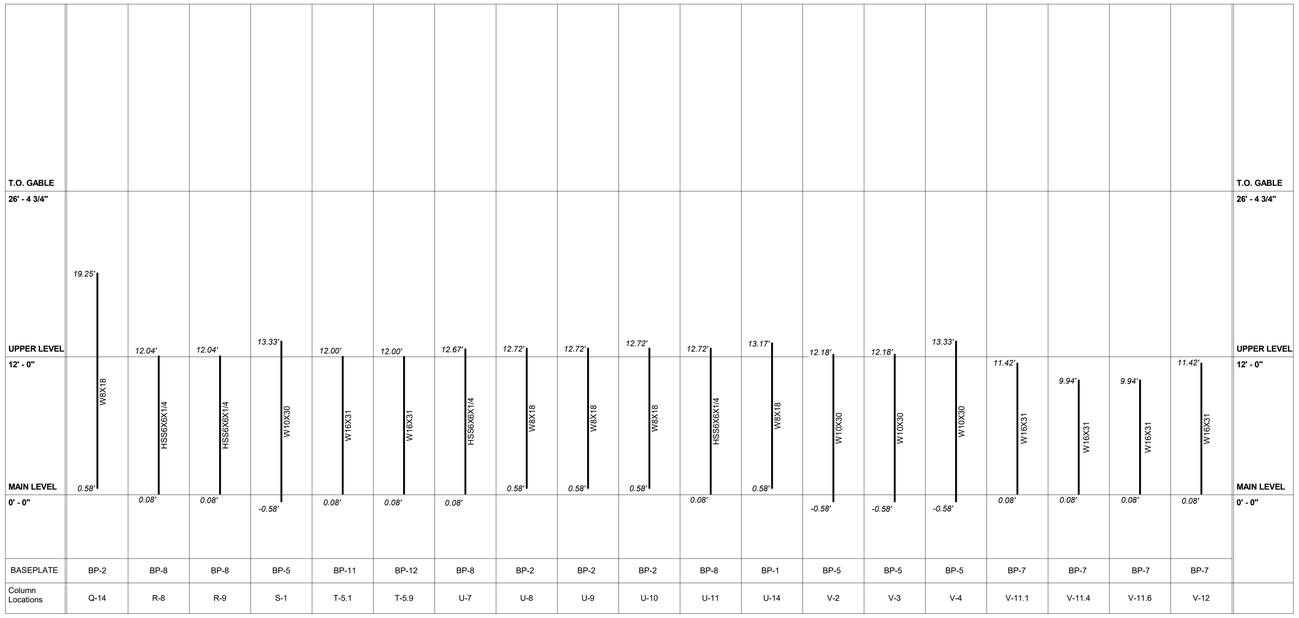
Drawing Title:
TRUSS PROFILES

Date: SEPTEMBER 09, 2022
Scale: 1/8" = 1'-0"
Drawn By: MRC
Project Number: 20.003

Drawing Number: S304



BASEPLATE	BP-5	BP-7	BP-7	BP-1	BP-5	BP-2	BP-10	BP-5	BP-5	BP-4	BP-4	BP-3	BP-2	BP-3	BP-5	BP-5	BP-10	BP-4	BP-4	
Column Locations	A-2	A-11.6	A-12	B-14	C-1	D-14	E-13	F-1	G-1	H-6	H.1-5	J-13	K-11	L-13	M-1	N-1	O-13	P-5	P-6	



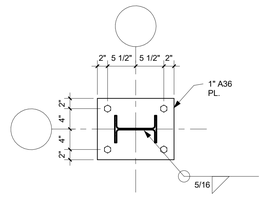
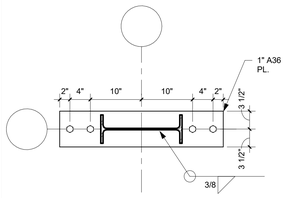
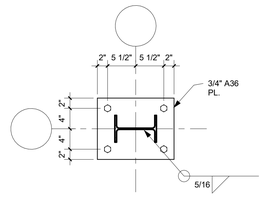
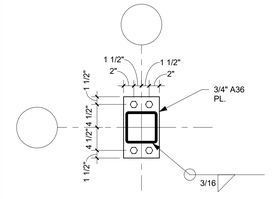
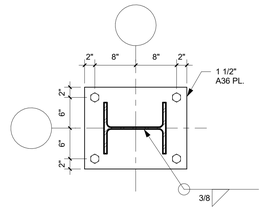
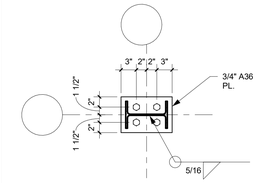
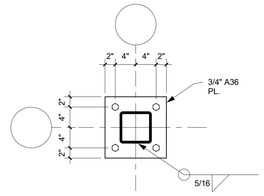
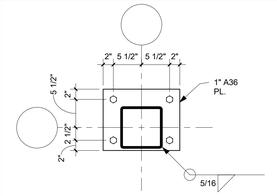
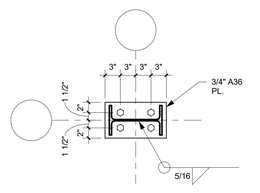
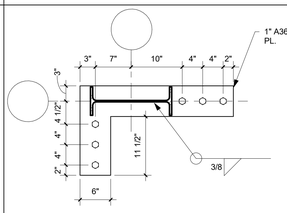
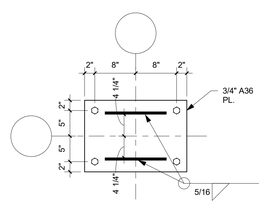
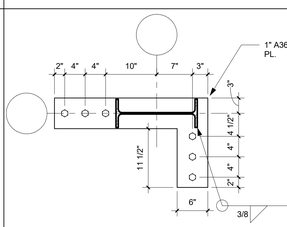
BASEPLATE	BP-2	BP-8	BP-8	BP-5	BP-11	BP-12	BP-8	BP-2	BP-2	BP-2	BP-8	BP-1	BP-5	BP-5	BP-5	BP-7	BP-7	BP-7	BP-7
Column Locations	Q-14	R-8	R-9	S-1	T-5.1	T-5.9	U-7	U-8	U-9	U-10	U-11	U-14	V-2	V-3	V-4	V-11.1	V-11.4	V-11.6	V-12

NOTE:
BOTTOM OF COLUMN ELEVATIONS REFER TO BOTTOM OF BASE PLATE ELEVATIONS.

GRAPHICAL COLUMN SCHEDULE

3/16" = 1'-0"

COLUMN BASE PLATE SCHEDULE

TYPE	DETAIL	ANCHOR RODS	TYPE	DETAIL	ANCHOR RODS
BP1		(4) 3/4" ASTM F1554 GRADE 55, CONTINUE ANCHOR DOWN TO BE FLUSH W/ FOOTING BOTTOM REINFORCEMENT.	BP7		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.
BP2		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.	BP8		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.
BP3		(4) 1 1/4" ASTM F1554 GRADE 55, CONTINUE ANCHOR DOWN TO BE FLUSH W/ FOOTING BOTTOM REINFORCEMENT.	BP9		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.
BP4		(4) 3/4" ASTM F1554 GRADE 55, CONTINUE ANCHOR DOWN TO BE FLUSH W/ FOOTING BOTTOM REINFORCEMENT.	BP10		(4) 3/4" ASTM F1554 GRADE 55, CONTINUE ANCHOR DOWN TO BE FLUSH W/ FOOTING BOTTOM REINFORCEMENT.
BP5		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.	BP11		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.
BP6		(4) 3/4" ASTM F1554 GRADE 55, CONTINUE ANCHOR DOWN TO BE FLUSH W/ FOOTING BOTTOM REINFORCEMENT.	BP12		(4) 3/4" ASTM F1554 GRADE 36, 9" EMDEDMENT.

BASE PLATE TYPES AND DETAILS

2 / S400

1" = 1'-0"

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Town of Colchester
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Revision:	Description:	Date:	Revised By:
	ISSUED FOR BID	09/09/2022	

Drawing Title:
GRAPHICAL COLUMN SCHEDULE

Date: SEPTEMBER 09, 2022
Scale: As indicated
Drawn By: MRC
Project Number: 20.003
Drawing Number: S400