

DFCM PROJECT NUMBER: 20228240



# OWTC COSMETOLOGY REMODEL

State of Utah - Department of Administrative Services  
DIVISION OF FACILITIES CONSTRUCTION  
AND MANAGEMENT  
4110 State Office Building / Salt Lake City, Utah 84414/801-538-3018

**OWNER:**  
**UTAH STATE DFCM**  
4110 State Office Building  
Salt Lake City, UT 84114  
Contact: Mathew Daley, Project Manager

**OWNER:**  
**OGDEN - WEBER TECHNICAL COLLEGE**  
200 Washington Blvd.  
Ogden, UT 84404  
Contact: Josh Ulm, Facilities Director  
Telephone: 801.627.8384

**ARCHITECT:**  
**SANDERS ASSOCIATES ARCHITECTS**  
2668 Grant Ave. Suite 100  
Ogden, UT 84401  
Contact: M. Shane Sanders, AIA  
Telephone: 801.621.7303

**MECHANICAL:**  
**WHW**  
8619 Sandy Parkway #101  
Sandy, UT 84070  
Contact: Win Packer, PE  
Telephone: 801.466.4021

**ELECTRICAL:**  
**BNA**  
635 South State Street  
Salt Lake City, UT 84111  
Contact: Josh Oakeson, PE  
Telephone: 801.532.2194



Consultant

Project Name  
**OWTC COSMETOLOGY  
REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

COVER SHEET

Sheet Number

# GI001

DFCM approval

**SPECIAL INSPECTIONS (2018 IBC)**

**092200** NON LOAD BEARING STEEL FRAMING, AS REQUIRED BY IBC 1705.11.5 "ARCHITECTURAL COMPONENTS". INSPECTION IS BY THE OWNERS AGENT.

**092900** GYPSUM BOARD- COLD WEATHER PLACEMENT REQUIREMENTS AS LISTED IN THIS SPECIFICATION SECTION. INSPECTION IS BY THE OWNERS AGENT.

**220548** SEISMIC RESTRAINTS- AS REQUIRED BY IBC SECTION 1705.12 "SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE". INSPECTION IS BY THE OWNERS AGENT.

**260000** ELECTRICAL PER THE REQUIREMENTS OF ASCE 7, THE BUILDING OWNER WILL EMPLOY A SPECIAL INSPECTOR(S) TO OBSERVE THE CONSTRUCTION OF ALL DESIGNATED SEISMIC SYSTEMS IN ACCORDANCE WITH THE QUALITY ASSURANCE PLAN. PERIODIC SPECIAL INSPECTION DURING THE ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY AND STANDBY POWER SYSTEMS, INCLUDING BUT NOT LIMITED TO:

- A.** EMERGENCY LIGHTING, WITH ASSOCIATED CONDUIT, WIRING AND DISTRIBUTION SYSTEM.
- B.** FIRE ALARM SYSTEM AND DEVICES, WITH ASSOCIATED CONDUIT, WIRING AND DISTRIBUTION SYSTEM.

**DEFERRED SUBMITTALS**

CONTRACTOR IS RESPONSIBLE TO SUBMIT DEFERRED SUBMITTALS IN ACCORDANCE WITH IBC 106.3.4.2. AS PART OF THE SUBMITTAL PROCESS, THE CONTRACTOR IS TO SUBMIT ALL ICC ERS REPORTS FOR ITEMS NOTED

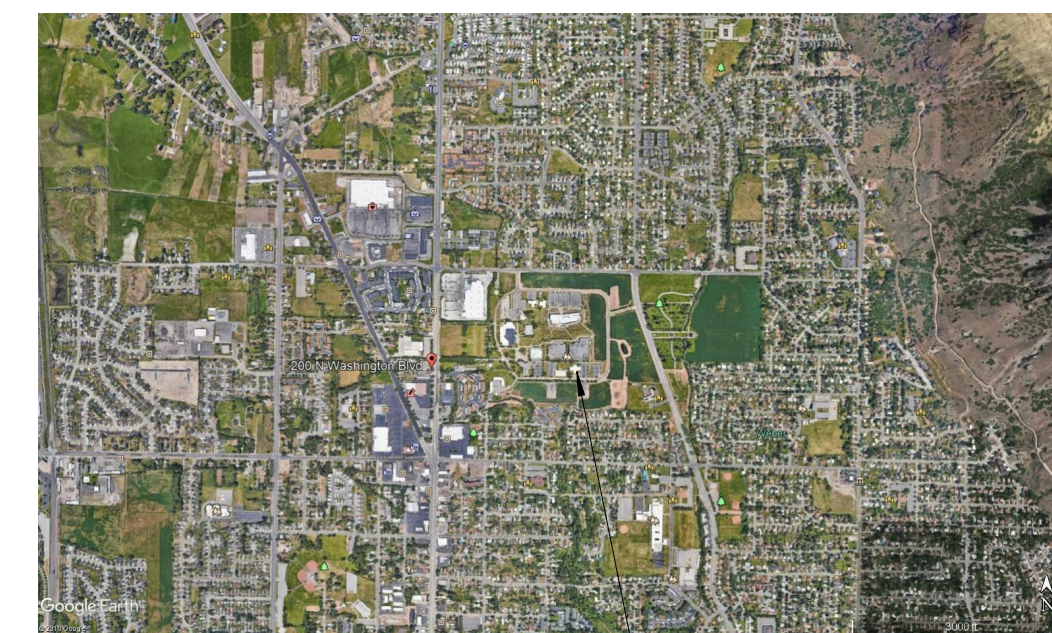
- MECHANICAL SEISMIC RESTRAINTS
- FIRE PROTECTION PER 107.2.2
- FIRE ALARM SYSTEMS
- FIRE MONITORING SYSTEMS

**ALLOWANCES**

- LANDSCAPE - \$2000



CLOSER MAP

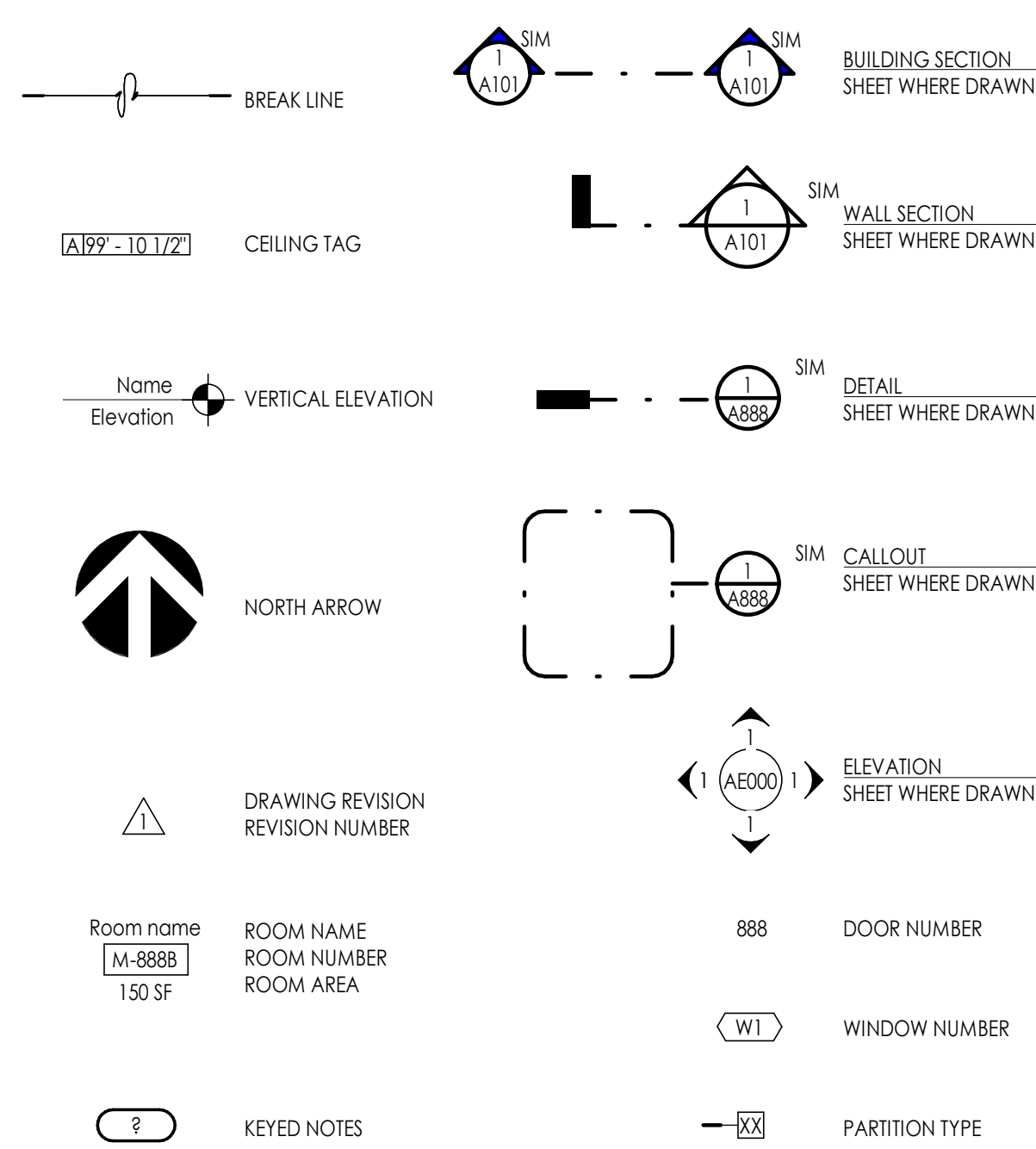


OVERALL MAP

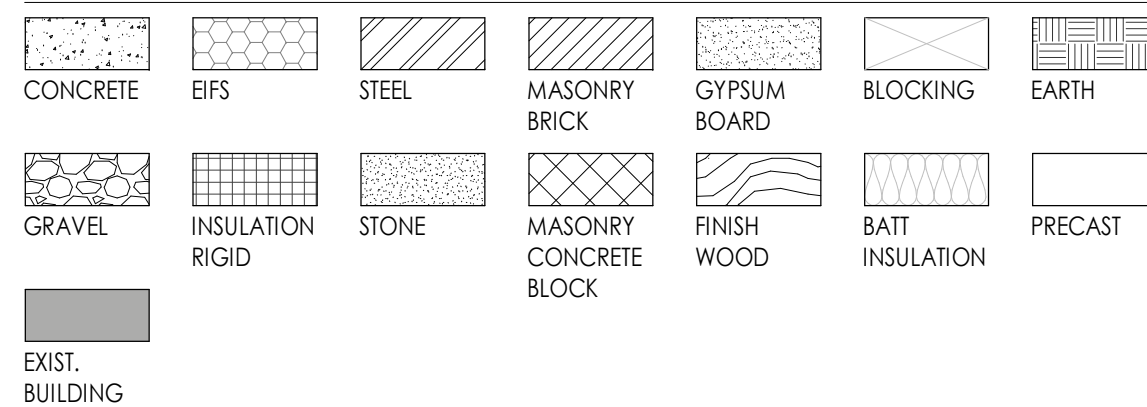
**Vicinity Map**

N.T.S.

**GENERAL SYMBOLS**



**MATERIALS**



**ABBREVIATIONS**

#	NUMBER	DWGS.	DRAWINGS	I.D.	INSIDE DIAMETER	REINF.	REINFORCED
@	AT	EA.	EACH	I.F.	INSIDE FACE	REQ'D	REQUIRED
CL	CENTER LINE	E.F.	EACH FACE	IN.	INCHES	RM.	ROOM
Ø	DIAMETER	E.J.	EXPANSION JOINT	INFO.	INFORMATION	R.O.	ROUGH OPENING
L	ANGLE	EL.	ELEVATION	INSUL.	INSULATION	SCHED.	SCHEDULE
A.B.	ANCHOR BOLT	ELEV.	ELEVATION	LAV.	LAVATORY	SHR.	SHOWER
ABV.	ABOVE	EQ.	EQUAL	LT.	LIGHT	SHT.	SHEET
ADJ.	ADJUSTABLE	E.S.	EACH SIDE	LT. WT.	LIGHT WEIGHT	SIM.	SIMILAR
A.F.F.	ABOVE FINISH FLOOR	E.W.	EACH WAY	MAINT.	MAINTENANCE	SPEC.	SPECIFICATION
ALUM.	ALUMINUM	EXIST.	EXISTING	MANUF.	MANUFACTURER	STC	SOUND TRANSMISSION COEFFICIENT
APPROX.	APPROXIMATE	EXPAN.	EXPANSION	MAX.	MAXIMUM	STD.	STANDARD
ARCH.	ARCHITECTURAL	EXT.	EXTERIOR	MAT.	MATERIAL	STIFF.	STIFFENER
A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS	F.D.	FLOOR DRAIN	M.C.J.	MASONRY CONTROL JOINT	STR.	STRUCTURAL
D.B.A.	DEFORMED BAR ANCHOR	FDN.	FOUNDATION	MFR.	MANUFACTURER	SUPER.	SUPERVISOR
BD.	BOARD	F.E.C.	FIRE EXTINGUISHER CABINET	MIN.	MINIMUM	SUSP.	SUSPENDED
BLDG.	BUILDING	F.F.	FINISH FLOOR	MISC.	MISCELLANEOUS	THRU	THROUGH
B.M.	BENCHMARK	FIN.	FINISH	M.O.	MASONRY OPENING	T.O.	TOP OF
B.O.	BOTTOM OF	FLR.	FLOOR	MTL.	METAL	T.O.A.	TOP OF ASPHALT
BOT.	BOTTOM	FT.	FEET	N.I.C.	NOT IN CONTRACT	T.O.C.	TOP OF CURB
B.P.	BASE PLATE	FIG.	FOOTING	NO.	NUMBER	T.O.F.	TOP OF FOOTING
BRG.	BEARING	GA.	GAGE/GAUGE	N.T.S.	NOT TO SCALE	T.O.S.	TOP OF SLAB OR SIDEWALK
BTWN.	BETWEEN	GAL.	GALLON	O.C.	ON CENTER	T.O.W.	TOP OF WALL
CER.	CERAMIC	GALV.	GALVANIZED	O.D.	OUTSIDE DIAMETER	TP.	TYPICAL
C.J.	CONSTRUCTION JOINT	GND.	GROUND	O.F.	OUTSIDE FACE	U.N.O.	UNLESS NOTED OTHERWISE
CLG.	CEILING	GWB.	GYPSUM WALL BOARD	O.H.	OVERHEAD	VCT	VINYL COMPOSITION TILE
CLR.	CLEAR	GYP. BD.	GYPSUM WALL BOARD	OHD	OVERHEAD DOOR	VERT.	VERTICAL
CMU	CONCRETE MASONRY UNIT	HC.	HANDICAPPED	OP.	OPPOSITE	VEST.	VESTIBULE
COL.	COLUMN	HDW.	HARDWARE	OP.	OPPOSITE	VNR.	VENEER
CONC.	CONCRETE	H.M.	HOLLOW METAL	P.L.	PLATE	W/	WITH
CONT.	CONTINUOUS	HORIZ.	HORIZONTAL	PNTD.	PAINTED	WD.	WOOD
CONST.	CONSTRUCTION	HR.	HOUR	PROT.	PROTECTION	W.W.F.	WELDED WIRE FABRIC
COORD.	COORDINATE	H.S.A.	HEADED STUD ANCHOR	P.S.F.	POUNDS PER SQUARE FOOT		
DBL.	DOUBLE	HT.	HEIGHT	P.S.J.	POUNDS PER SQUARE INCH		
DEPT	DEPARTMENT	HVAC	HEATING/VENTILATION/AIR CONDITIONING	QTY.	QUANTITY		
DIA.	DIAMETER	HYD	HYDRANT	R.D.	ROOF DRAIN		
DTL.	DETAIL			RAD.	RADIUS		

**DRAWING INDEX**

**GENERAL INFORMATION**

- G1001 COVER SHEET
- G1002 GENERAL INFORMATION
- G1003 CODE SUMMARY
- G1004 ACCESSIBILITY DETAILS
- G1005 SIGNAGE TYPES AND DETAILS

**ARCHITECTURAL**

- AS101 ARCHITECTURAL SITE PLAN
- AD101 DEMOLITION FLOOR PLAN
- AD102 DEMOLITION REFLECTED CEILING PLAN
- AE101 FLOOR PLAN
- AE141 REFLECTED CEILING PLAN
- AE161 FINISH FLOOR PLAN
- AE421 ENLARGED FLOOR PLAN
- AE441 INTERIOR ELEVATIONS
- AE442 INTERIOR ELEVATIONS
- AE443 INTERIOR ELEVATIONS
- AE444 INTERIOR ELEVATIONS
- AE445 INTERIOR ELEVATIONS
- AE501 MILLWORK DETAILS
- AE521 PLAN DETAILS
- AE522 DOOR SCHEDULE & FRAME TYPES
- AE641 FINISH SCHEDULE
- AE661 PARTITION TYPES

**PLUMBING**

- PG001 PLUMBING GENERAL NOTES AND LEGEND
- PD101 LEVEL 1 PLUMBING DEMOLITION PLAN
- PE101 LEVEL 1 PLUMBING PLAN
- PE102 SANITARY SEWER AND VENT
- PE401 ENLARGED BATHROOM PLANS
- PE501 PLUMBING DETAILS
- PE601 PLUMBING SCHEDULES

**MECHANICAL**

- MG001 MECHANICAL LEGEND AND GENERAL NOTES
- MD100 BASEMENT MECHANICAL DEMOLITION PLAN
- MD101 MECHANICAL DEMOLITION PLAN
- ME100 BASEMENT MECHANICAL PLAN
- ME101 LEVEL 1 MECHANICAL PLAN
- ME102 MECHANICAL ROOF PLAN
- ME501 MECHANICAL DETAILS
- ME502 MECHANICAL DETAILS
- ME601 MECHANICAL SCHEDULES

**ELECTRICAL**

- E001 SYMBOLS, SCHEDULES AND NOTES
- E002 SCHEDULES AND NOTES
- E101 MAIN LEVEL DEMOLITION PLAN
- E201 MAIN LEVEL LIGHTING PLAN
- E301 MAIN LEVEL POWER AND SYSTEMS PLAN
- E302 INTERIOR WALL ELEVATIONS POWER PLAN
- E401 ELECTRICAL DIAGRAMS

**MISCELLANEOUS GENERAL NOTES**

1. THE PROJECT MANUAL, UNDER SEPARATE COVER, IS AN INTEGRAL PART OF THESE CONSTRUCTION DRAWINGS.
2. PLANS, SECTIONS, ELEVATIONS, DETAILS AND DIMENSIONS LABELED "TYPICAL" SHALL APPLY TO ALL SITUATIONS OCCURRING THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY NOTED ON THE DRAWINGS.
3. ALL WORK, MATERIALS, AND METHODS SHALL BE IN CONFORMANCE WITH THE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT LOCATION.
4. CONTRACTORS ARE RESPONSIBLE FOR ALL WORK REGARDLESS OF THE LOCATION OF THE INFORMATION ON THE DOCUMENTS.
5. KEEP SITE CLEAN AND CLEAR OF DEBRIS AND IN ORDERLY CONDITION THAT DOES NOT DETRACT FROM THE SURROUNDING SITE AND REPAIR ANY DAMAGE CAUSED BY WORK OF THE CONTRACT.
6. INSTALL SEALANT AT EXTERIOR SIDE OF ALL JOINTS, SEAMS, CONNECTIONS OR OPENINGS WHICH WOULD ALLOW WATER OR AIR INFILTRATION EXCEPT AS NOTED OTHERWISE. SEALANT COLOR TO MATCH ADJACENT SURFACE. COLOR REQUIRES ARCHITECTS APPROVAL.
7. ALL SPECIAL ACCESSIBLE FACILITIES SHALL BE IDENTIFIED WITH APPROVED SIGNAGE.
8. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING A WEATHER TIGHT BUILDING, DETAILS AND OMISSIONS TO DRAWINGS NOTWITHSTANDING. ALL DRAWING CONFLICTS WHICH MAY NOT ALLOW A WEATHER TIGHT CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
9. DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CONTRACTOR SHALL SUBMIT SPECIFIC DISCREPANCIES FOR ARCHITECT REVIEW.
10. PROVIDE FULL METAL BACKING PLATE (1/8 GAUGE X 6" HIGH SECURED TO 3 STUDS MIN.) OR WOOD BLOCKING AS REQUIRED TO SECURELY ANCHOR ALL WALL MOUNTED EQUIPMENT (CABINETS, TOILET ROOM ACCESSORIES, HARDWARE, ETC.). BLOCKING SHALL PROVIDE A RIGID CONNECTION CAPABLE OF SUPPORTING DESIGN LOADS. PROVIDE A 1/8 GAUGE X 6" STL. STUD/TRACK SECURED TO 2 STUDS TO SECURELY SUPPORT ALL WALL STOPS (DOOR BUMPER).
11. COORDINATE WITH ALL TRADES, SIZES AND LOCATIONS OF ALL OPENINGS FOR MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT, EQUIPMENT PADS OR BASES, AS WELL AS ELECTRIC POWER, WATER, AND DRAIN INSTALLATIONS, BEFORE PROCEEDING WITH WORK. CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS FOR PROPER PLACEMENT OF ALL TRADES' WORK. ANY CONCERNS, SPACE LIMITATIONS OR STRUCTURAL CONFLICTS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. A REASONABLE RESPONSE TIME SHALL BE ALLOWED AS NOTED IN THE SPECIFICATIONS.
12. ALL FLOOR OR WALL OPENINGS REQUIRED FOR PIPES, DUCTS, CONDUITS, ETC. SHALL BE SEALED IN AN APPROVED MANNER.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND LOCATE ELECTRICAL DATA AND PHONE RECEPTACLES, SWITCHES, ETC. TO AVOID CASEWORK DOORS, ETC.
14. THE DRAWINGS AND SPECIFICATIONS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF THE ARCHITECTURAL AND STRUCTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE TYPE OF STRUCTURAL, MECHANICAL, ELECTRICAL AND UTILITY SYSTEMS AND MAJOR ARCHITECTURAL ELEMENTS OF CONSTRUCTION AS "SCOPE" DOCUMENTS.
15. THE DRAWINGS AND SPECIFICATIONS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE WORK. CONTRACTS SHALL BE LET ON THE BASIS OF SUCH DOCUMENTS, WITH THE UNDERSTANDING THAT THE CONTRACTOR IS TO FURNISH ALL ITEMS REQUIRED FOR PROPER COMPLETION OF THE WORK WITH OUT ADJUSTMENT TO CONTRACT PRICE. IT IS INTENDED THAT THE WORK TO BE OF SOUND AND QUALITY CONSTRUCTION AND THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INCLUSION OF ADEQUATE AMOUNTS TO COVER INSTALLATION OF ALL ITEMS INDICATED, DESCRIBED OR REASONABLY IMPLIED.



2668 Grant Avenue  
Ogden, Utah 84401  
Phone: 801-421-1322  
www.sandersarch.com

Project Name

Consultant

Section

Sheet

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

SAA Project No.

Drawing Title

Sheet Number

DFCM approval

Project Name

Issued

Revision

DFCM Project No.

**OCCUPANT LOAD TABLE**

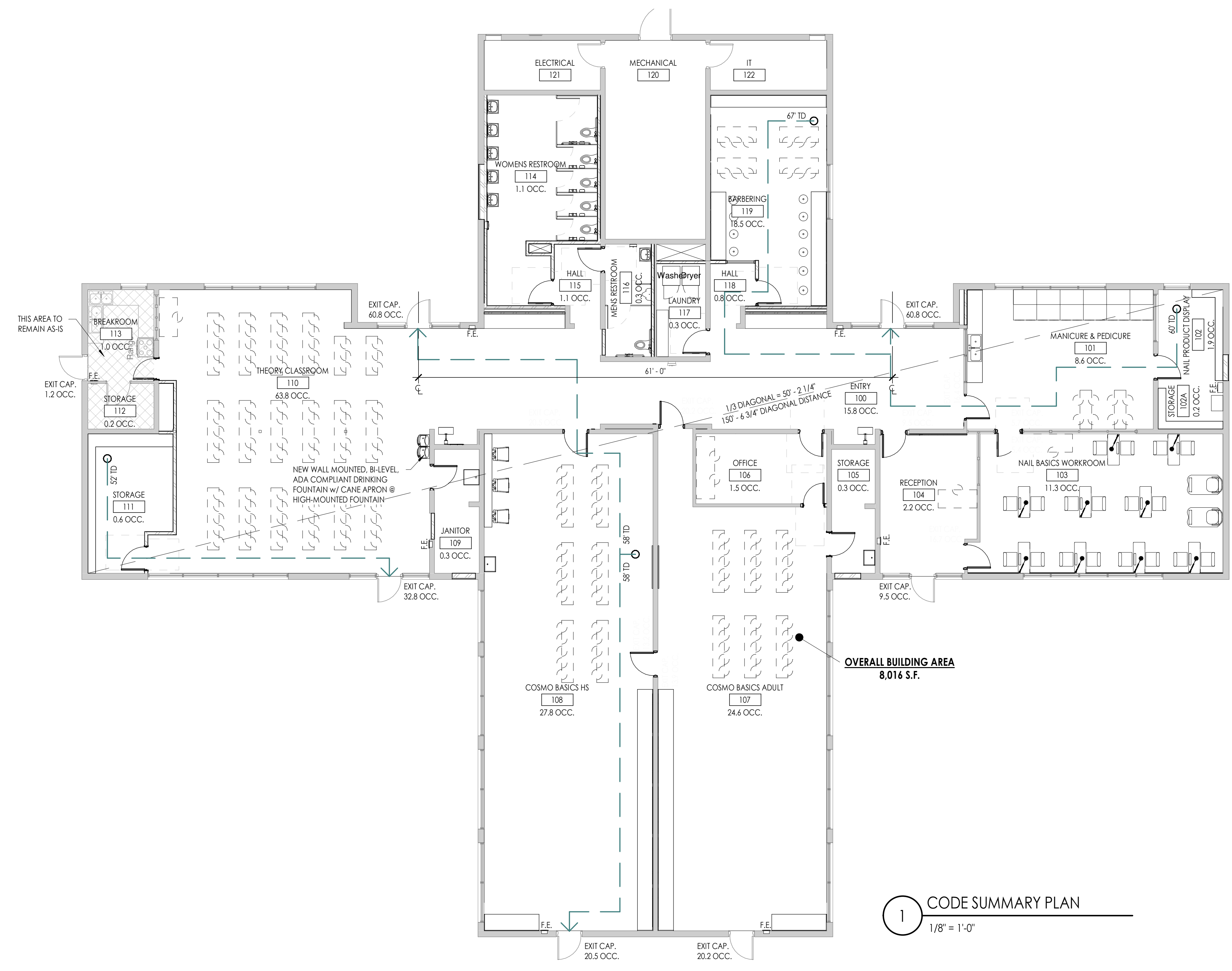
Rm #	Name	Area	OLF	Function of Space	Occ Load
100	ENTRY	792 SF	50	Educational - Shops & other Vocational	15.8
101	MANICURE & PEDICURE	430 SF	50	Educational - Shops & other Vocational	8.6
102	NAIL PRODUCT DISPLAY	97 SF	50	Educational - Shops & other Vocational	1.9
102A	STORAGE	53 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.2
103	NAIL BASICS WORKROOM	567 SF	50	Educational - Shops & other Vocational	11.3
104	RECEPTION	215 SF	100	Business Areas	2.2
105	STORAGE	88 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.3
106	OFFICE	152 SF	100	Business Areas	1.5
107	COSMO BASICS ADULT	1230 SF	50	Educational - Shops & other Vocational	24.6
108	COSMO BASICS HS	1389 SF	50	Educational - Shops & other Vocational	27.8
109	JANITOR	91 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.3
110	THEORY CLASSROOM	1274 SF	20	Educational - Classroom area	63.8
111	STORAGE	177 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.6
112	STORAGE	50 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.2
113	BREAKROOM	100 SF	100	Business Areas	1.0
114	WOMENS RESTROOM	329 SF	300	Accessory Storage Areas, Mechanical Equipment Room	1.1
115	HALL	56 SF	50	Educational - Shops & other Vocational	1.1
116	MENS RESTROOM	86 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.3
117	LAUNDRY	75 SF	300	Accessory Storage Areas, Mechanical Equipment Room	0.3
118	HALL	40 SF	50	Educational - Shops & other Vocational	0.8
119	BARBERING	370 SF	20	Educational - Classroom area	18.5
		7664 SF			182.2

**CODE ANALYSIS**

**APPLICABLE CODES**

Code	Year	Code	Year
International Building Code	2018	National Electrical Code	2017
International Mechanical Code	2018	Uniform Code for Building Conservation	2018
International Fuel Gas Code	2018	Building Conservation	2018
International Plumbing Code	2018	ADA Accessibility 2010 ADA standards	
International Fire Code	2018	Guidelines for accessible design	
International Energy Conservation Code	2018	International Existing Building Code	2018

- A. Occupancy and Group: B
- Change in Use: Yes  No  Mixed Occupancy: Yes  No   
 Special Use and Occupancy (e.g. High Rise, Covered Mall): -
- B. Seismic Design Category: (N/A) Design Wind Speed: (N/A) mph  
 Occupancy Category (Table 1604.5): II
- C. Type of Construction (circle one):  
 I/A  I/B  II/A  II/B  III/A  III/B  IV/HT  V/A  VI/B
- D. Fire Resistance Rating - Requirements for the Exterior Walls based on the fire separation distance (in hours):  
 North: 0 South: 0 East: 0 West: 0
- E. Mixed Occupancies: (N/A) Nonseparated Uses: X
- F. Sprinklers: NO EXISTING SPRINKLERS  
 Required: - Provided: -  
 Type of Sprinkler System (IBC 903.3.1): -
- G. Number of Stories: 1 Building Height: 21'
- H. Actual Area per Floor:  
 Level 1 Area (square feet): 8,016
- I. Tabular Area: (table 506.2): 9,000 s.f.
- J. Area Modifications: (N/A)
- $A_s = A_1 + [A_1 I_1]$   $I_1 = 100 \left[ \frac{F}{P} - 0.25 \right] \frac{W}{30}$
- $I_1 = \left[ \frac{527}{547} - 0.25 \right] \frac{30}{30} = 0.713$
- $A_s = 9,000 + [9,000 \cdot 0.713] = 15,417 s.f.$
- b) Sum of the Ratio Calculations for Mixed Occupancies: (N/A)
- $\frac{\text{Actual Area}}{\text{Allowable Area}} \leq 1$   $\frac{\text{XXXX}}{\text{XXXX}}$  or  $0.XX \leq 1$
- c) Total Allowable Area for:  
 1) One Story: 15,417 s.f.  
 2) Two Story: A<sub>2</sub>(2) N/A  
 3) Three Story: A<sub>3</sub>(3) N/A
- d) Unlimited Area Building: Yes  No  Code Section: 507
- K. Fire Resistance Rating Requirements for Building Elements (hours).
- | Element                    | Hours | Assembly Listing | Element                    | Hours | Assembly Listing |
|----------------------------|-------|------------------|----------------------------|-------|------------------|
| Exterior Bearing Walls     | 0     | (Existing)       | Floors - Ceiling Floors    | 0     | (Existing)       |
| Interior Bearing Walls     | 0     | (Existing)       | Floors - Ceiling Roofs     | 0     | (Existing)       |
| Exterior Non-Bearing Walls | 0     | (Existing)       | Exterior Doors and Windows | 0     | (Existing)       |
| Structural Frame           | 0     | (Existing)       | Shaft Enclosures           | X     | (Existing)       |
| Partitions - Permanent     | 0     | (Existing)       | Fire Walls                 | N/A   |                  |
| Fire Barriers              | N/A   |                  | Fire Partitions            | N/A   |                  |
|                            |       |                  | Smoke Partitions           | N/A   |                  |
- L. Design Occupant Load: 182.2 Level One Load: 182.2 Level Two Load: N/A  
 Exit Width Required Level One: 36.4" Exit Width Provided: 192"  
 Exit Width Required Level Two: N/A Exit Width Provided: N/A
- M. Minimum Number of Required Plumbing Facilities: (See footnote #3 below)  
 a) Water Closets - Required: footnote (3) below Provided (m) 1 (f) 5  
 b) Urinals - Required: footnote (3) below Provided (m) 1 (f) N/A  
 c) Lavatories - Required: footnote (3) below Provided (m) 1 (f) 5  
 d) Bath Tubs or Showers: N/A  
 e) Drinking Fountains: 2 (w/1 ADA) Service Sinks: 1



**1 CODE SUMMARY PLAN**  
 1/8" = 1'-0"



2668 Grant Avenue  
 Ogden, Utah 84401  
 Phone: 801-621-1700  
 www.sandersarch.com

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description
-----	------	-------------

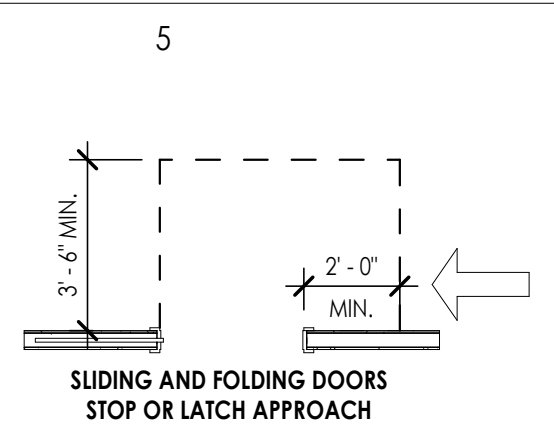
DFCM Project No. 20228240  
 SAA Project No. 219008  
 Drawing Title

**CODE SUMMARY**

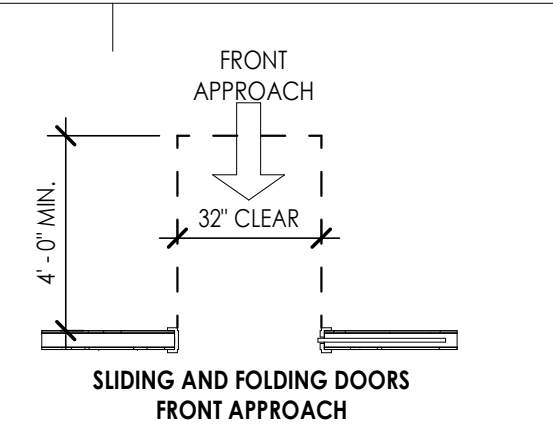
Sheet Number  
**G1003**

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

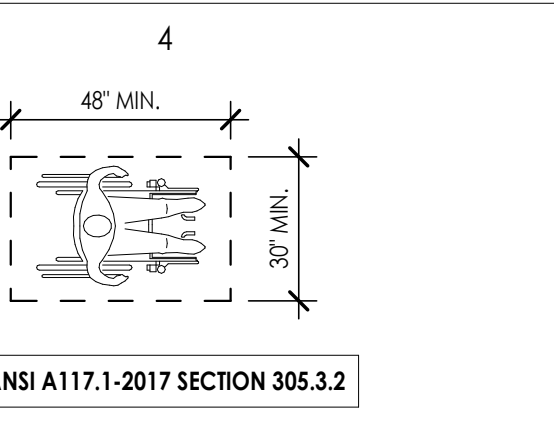
No.	Date	Description



**C5** MANUEVERING CLEARANCES  
1/4" = 1'-0"



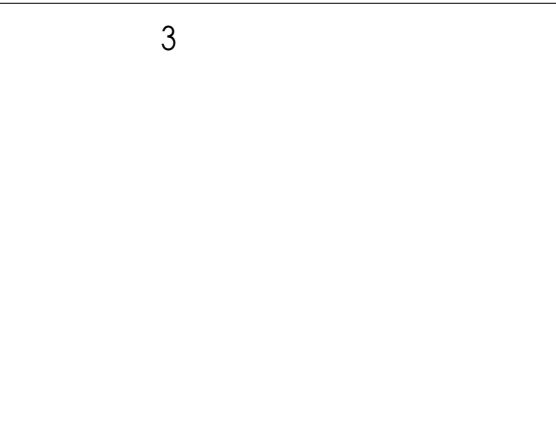
**C4** ACCESSIBLE TURNING SPACE  
1/4" = 1'-0"



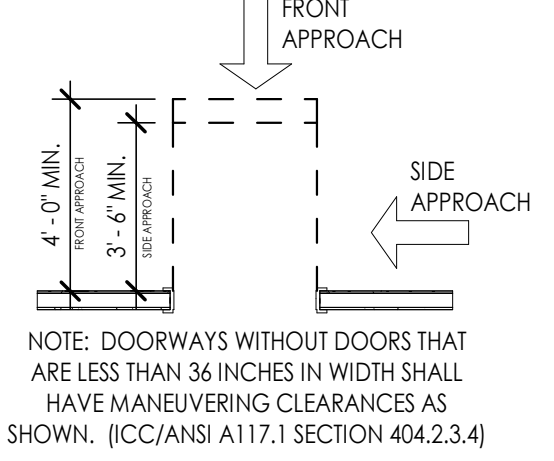
**C3** LAVATORY REQUIREMENTS  
3/4" = 1'-0"



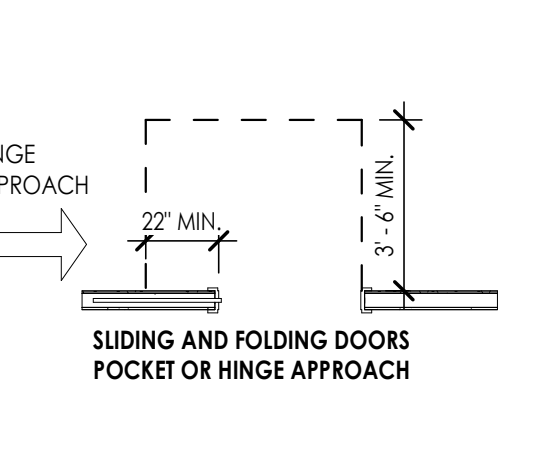
**C2** WATER CLOSET - CLEAR FLOOR SPACE  
1/2" = 1'-0"



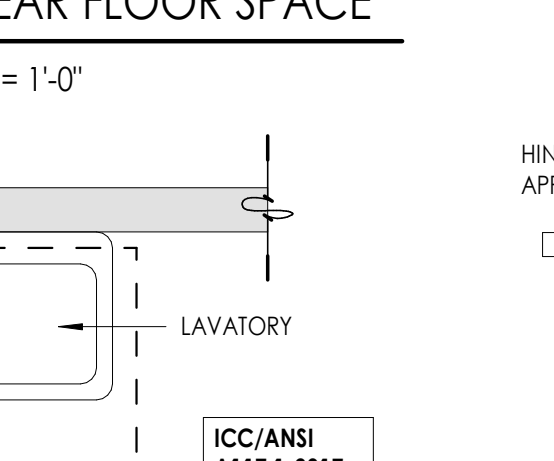
**C1** LAUNDRY CLEARANCES  
1/2" = 1'-0"



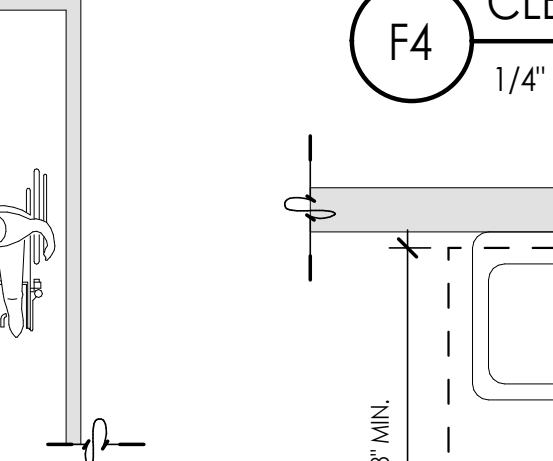
**E5** SLIDING AND FOLDING DOORS STOP OR LATCH APPROACH  
1/4" = 1'-0"



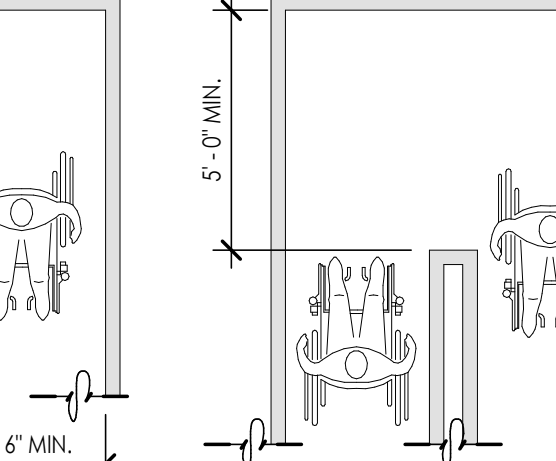
**E4** LAVATORY CLEAR FLOOR SPACE  
1/2" = 1'-0"



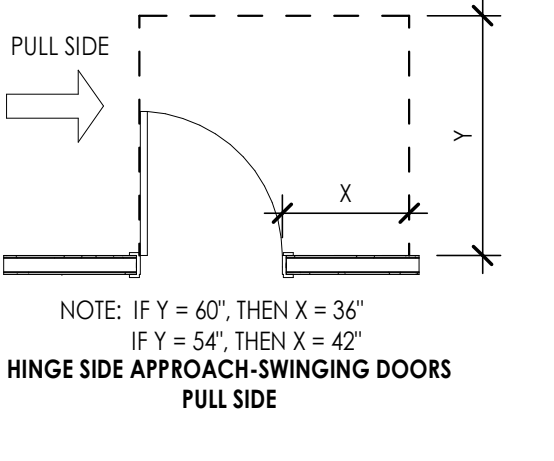
**E3** 180 DEGREE TURN  
1/4" = 1'-0"



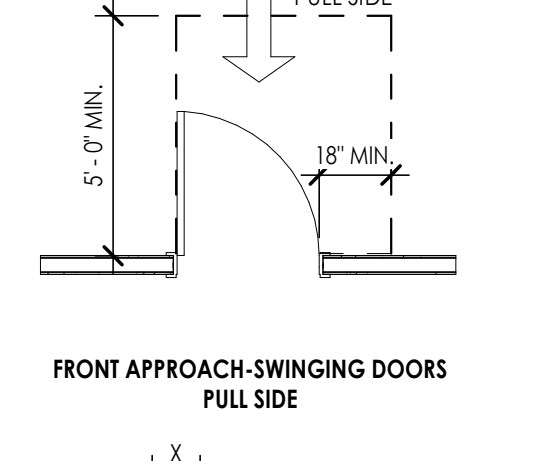
**E2** INTERIOR ACCESSIBLE ROUTE  
1/4" = 1'-0"



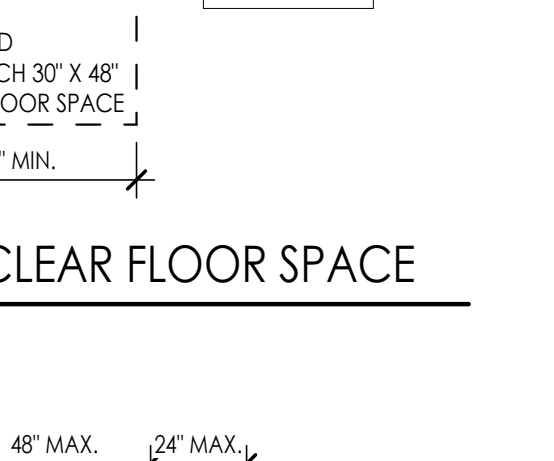
**E1** CLEAR FLOOR SPACE  
1/4" = 1'-0"



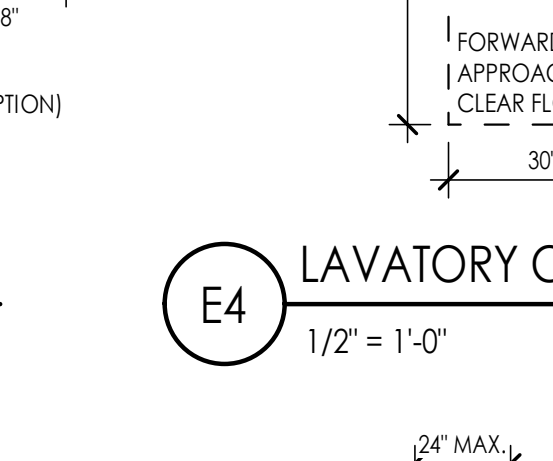
**C5** MANUEVERING CLEARANCES  
1/4" = 1'-0"



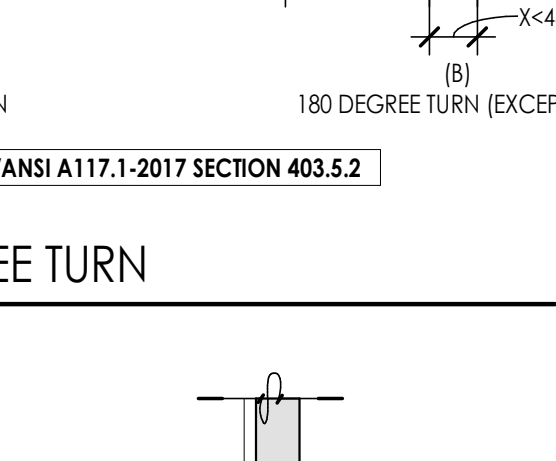
**C4** ACCESSIBLE TURNING SPACE  
1/4" = 1'-0"



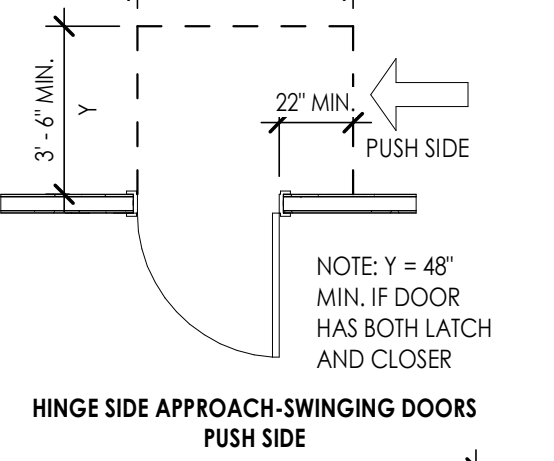
**C3** LAVATORY REQUIREMENTS  
3/4" = 1'-0"



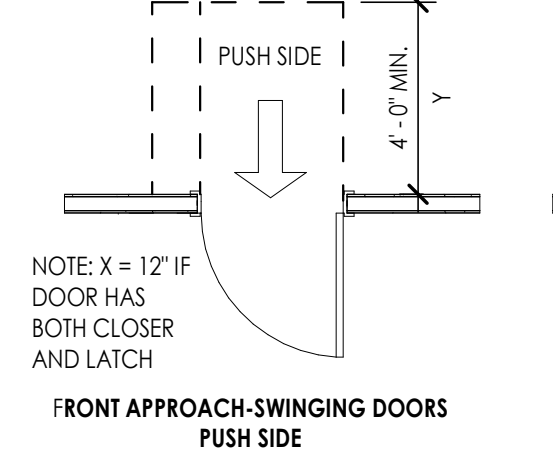
**C2** WATER CLOSET - CLEAR FLOOR SPACE  
1/2" = 1'-0"



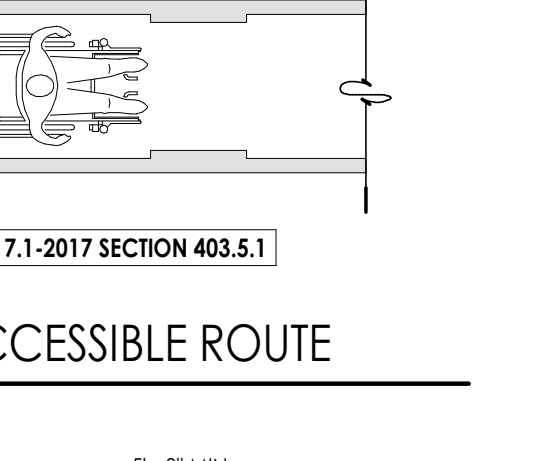
**C1** LAUNDRY CLEARANCES  
1/2" = 1'-0"



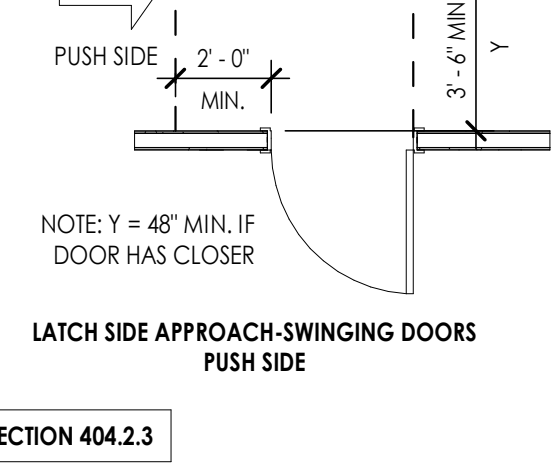
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



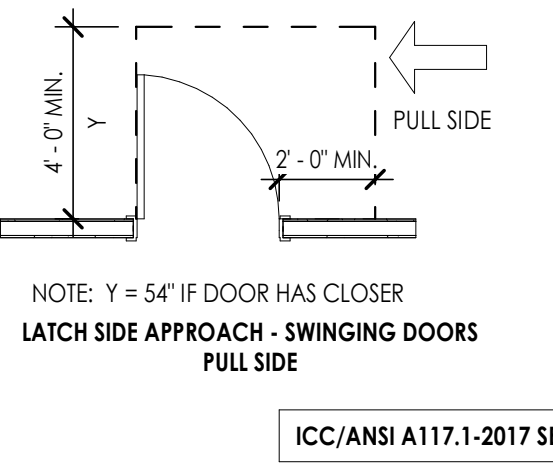
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



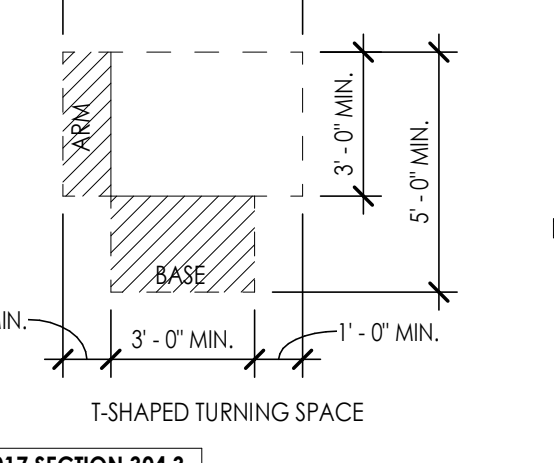
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



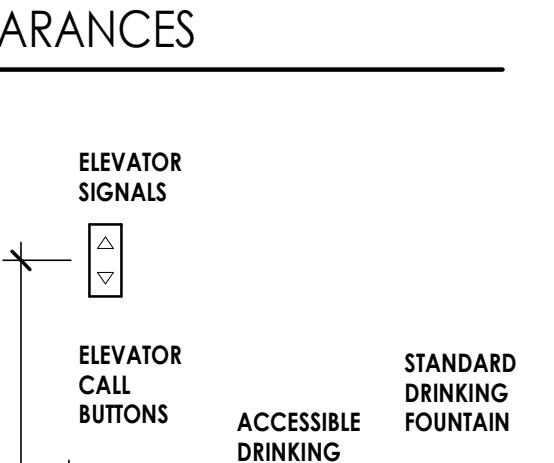
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



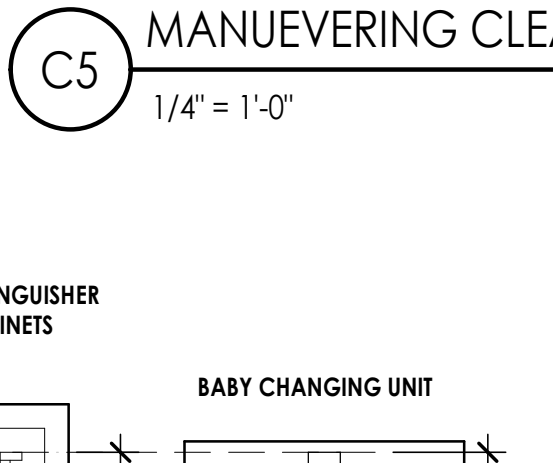
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



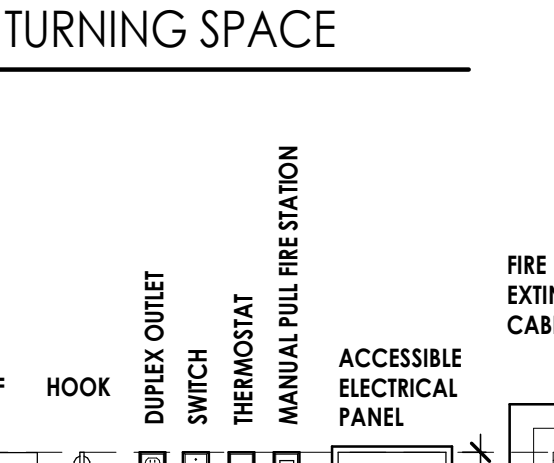
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



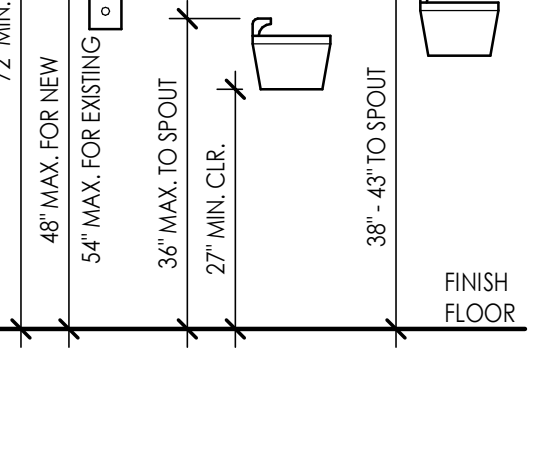
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



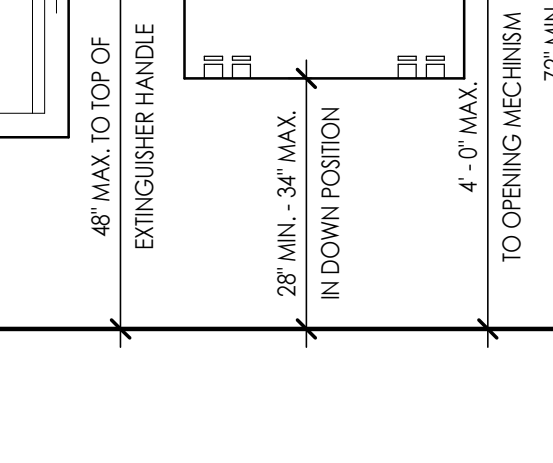
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



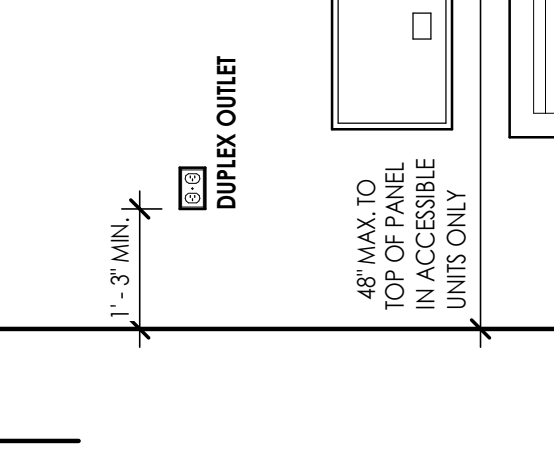
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



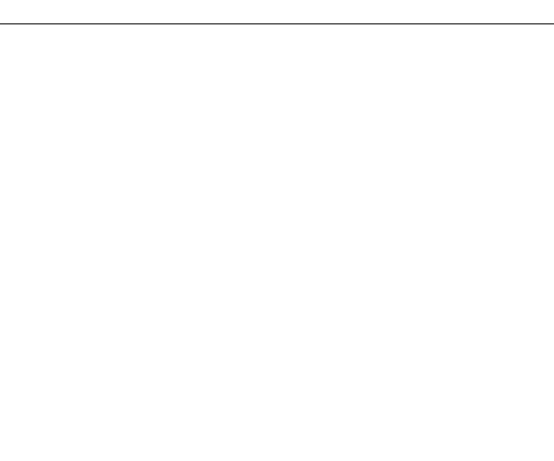
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



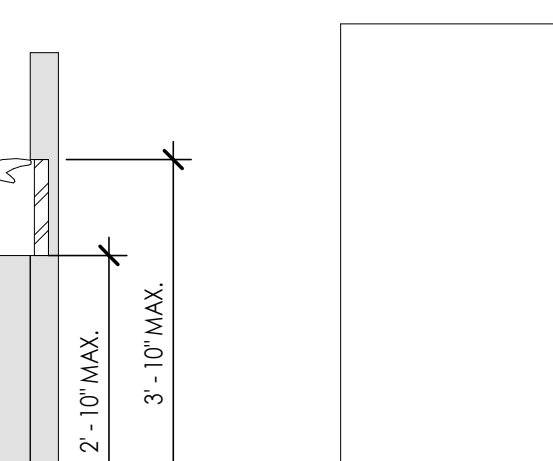
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



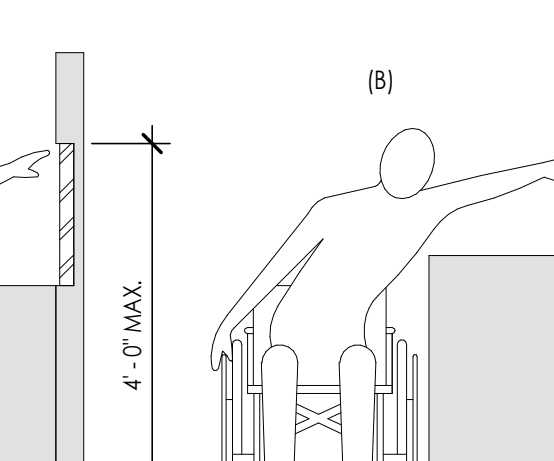
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



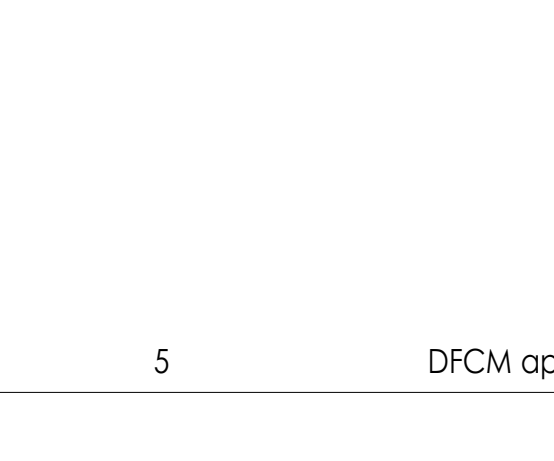
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



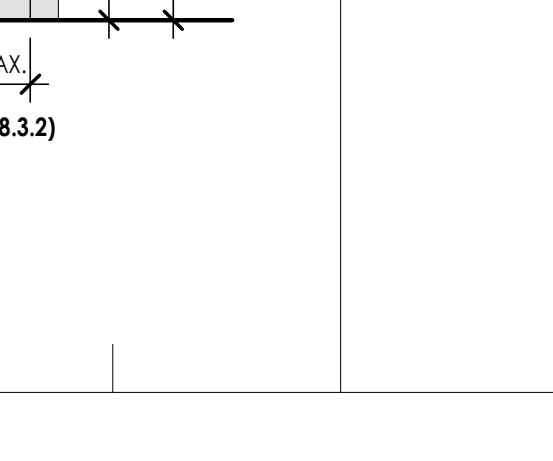
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



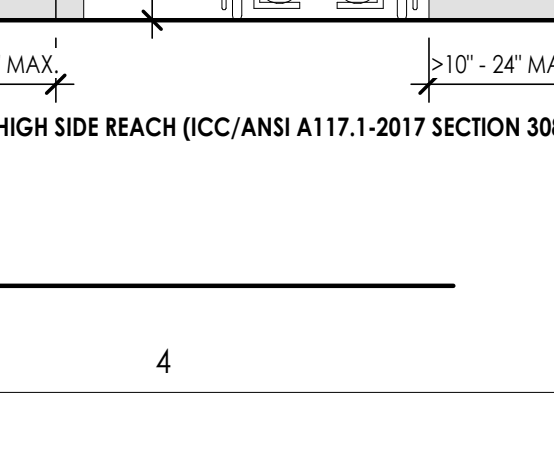
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



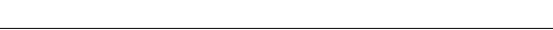
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



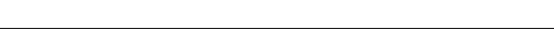
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



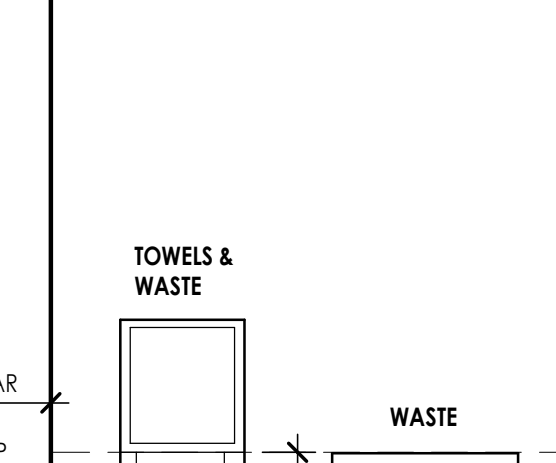
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



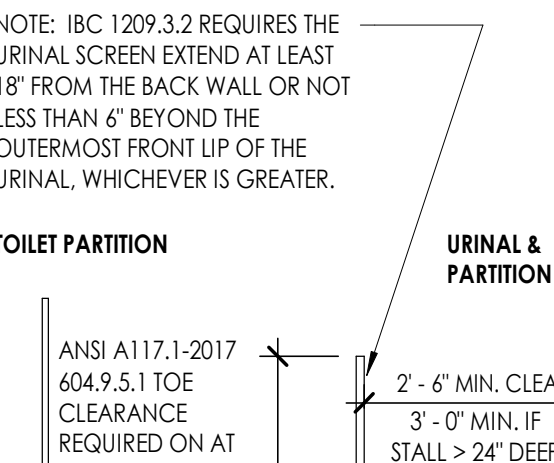
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



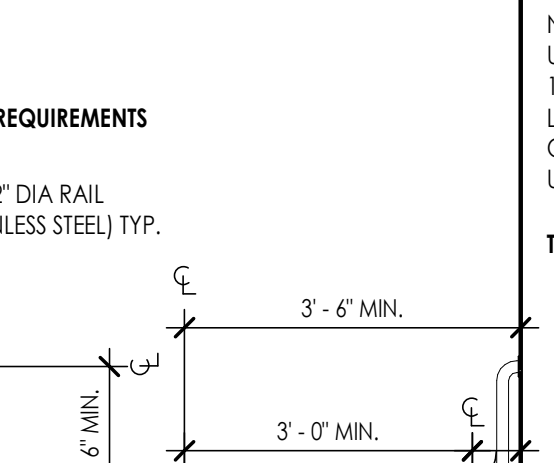
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



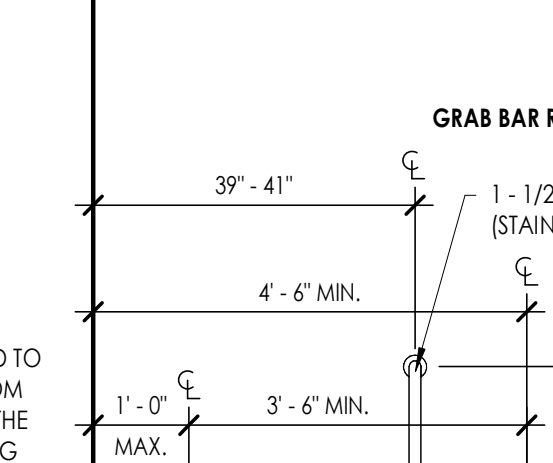
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



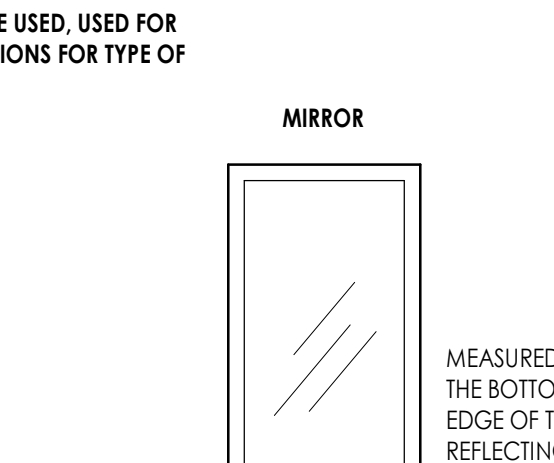
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



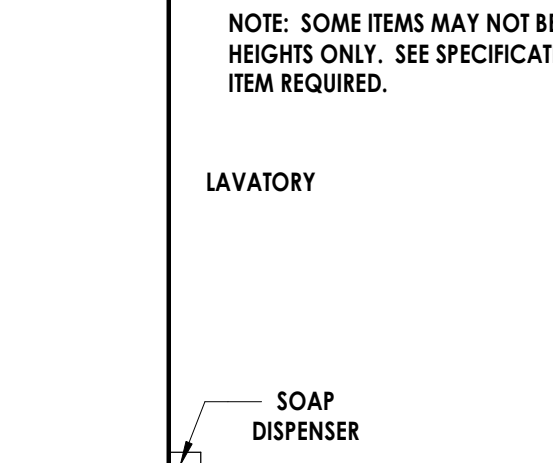
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



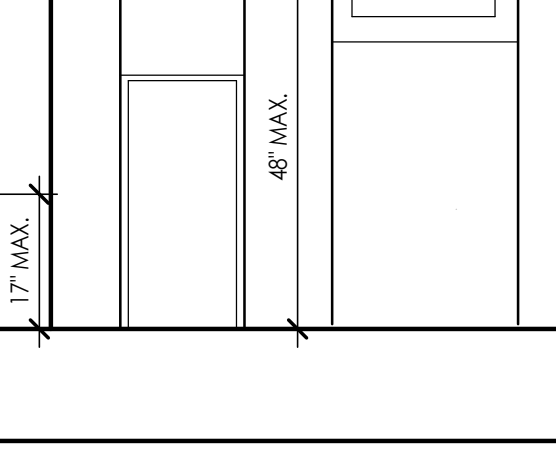
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



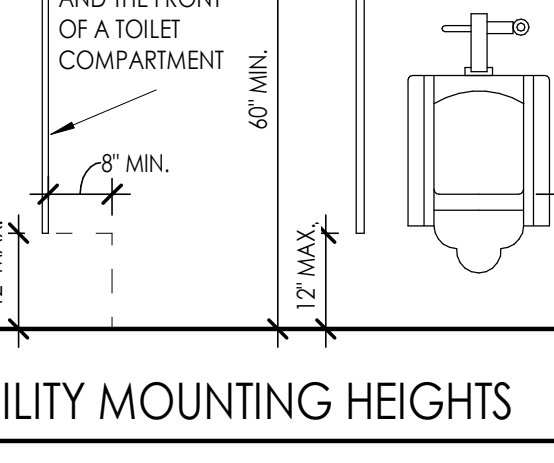
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



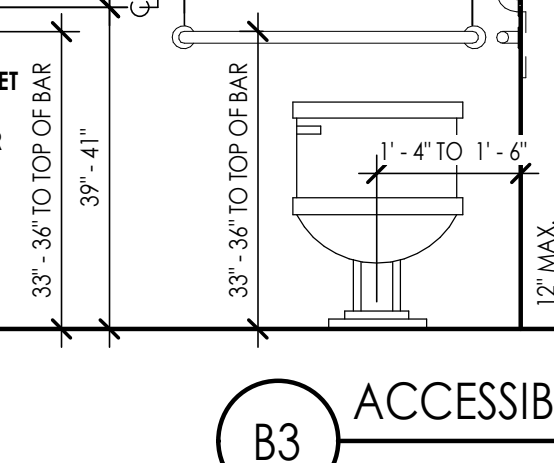
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



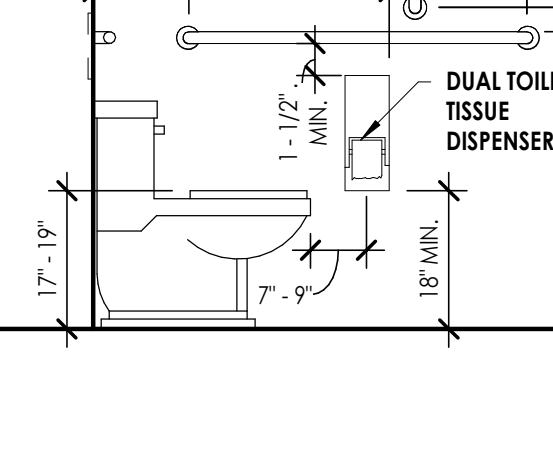
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



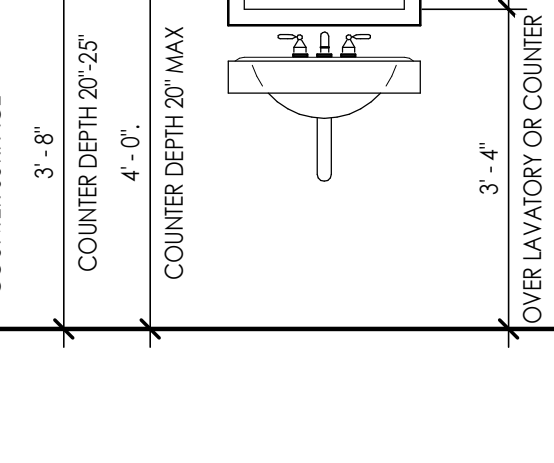
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



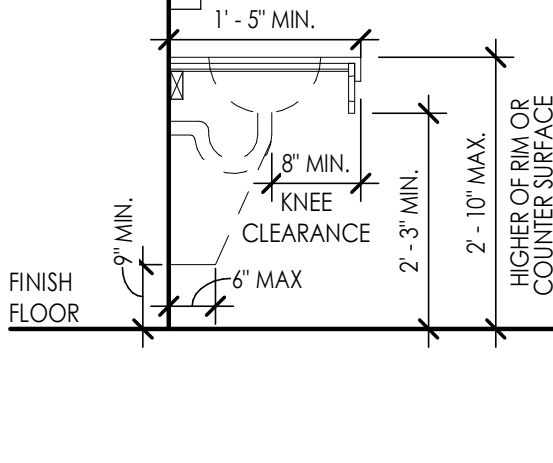
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



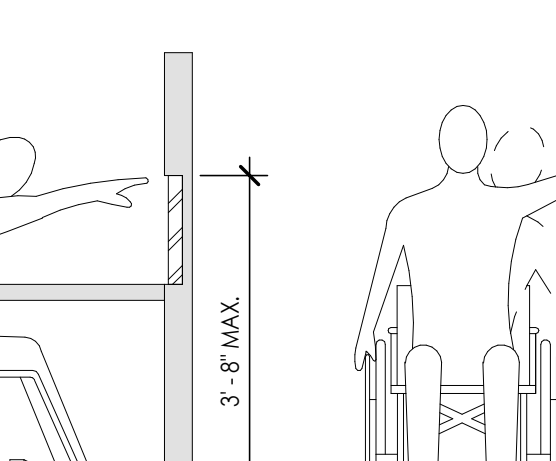
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



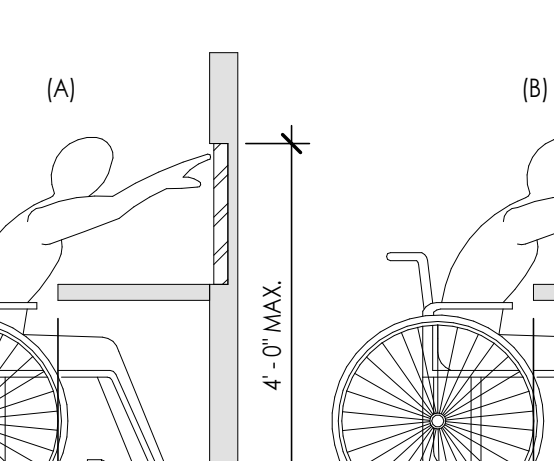
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



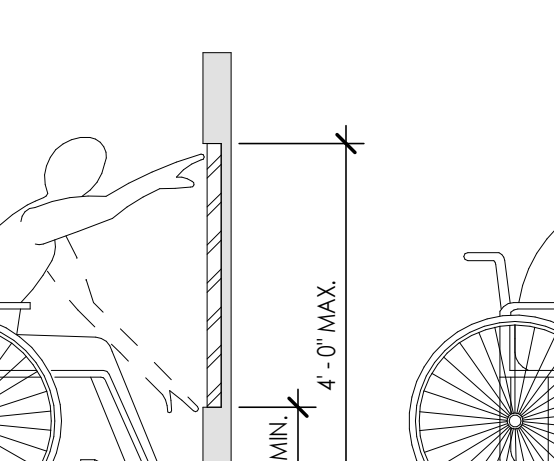
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



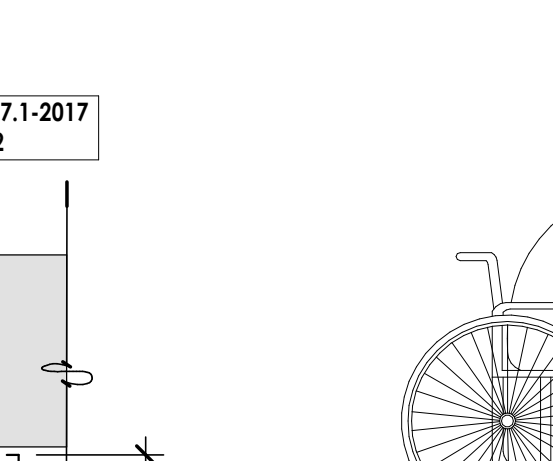
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



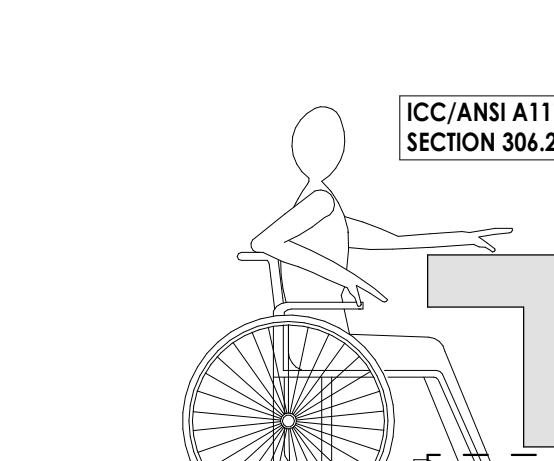
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



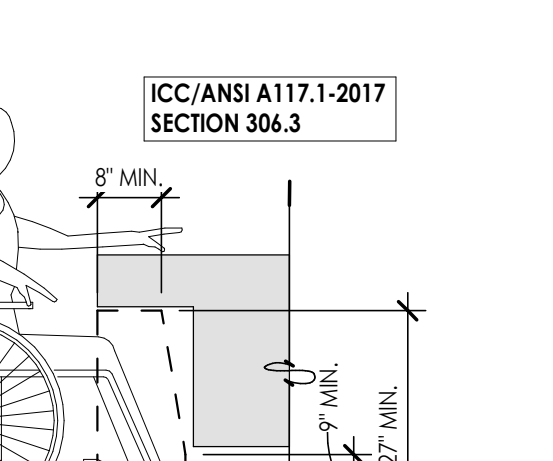
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



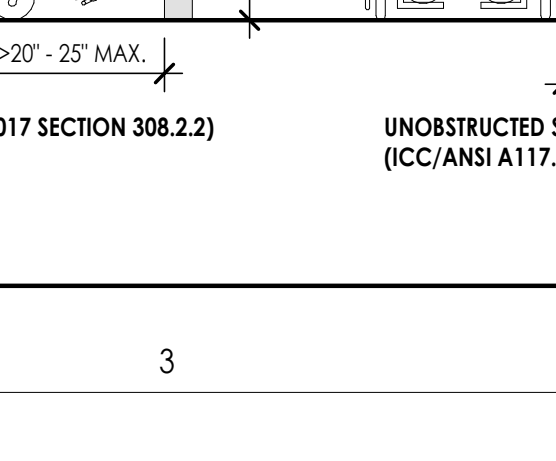
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



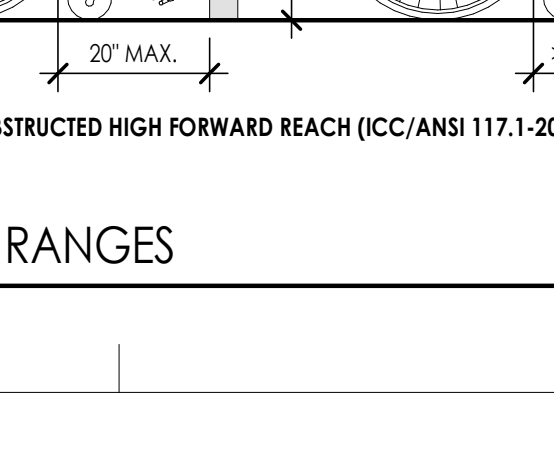
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



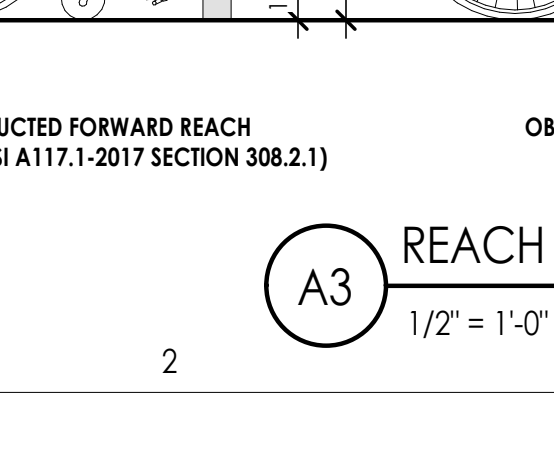
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



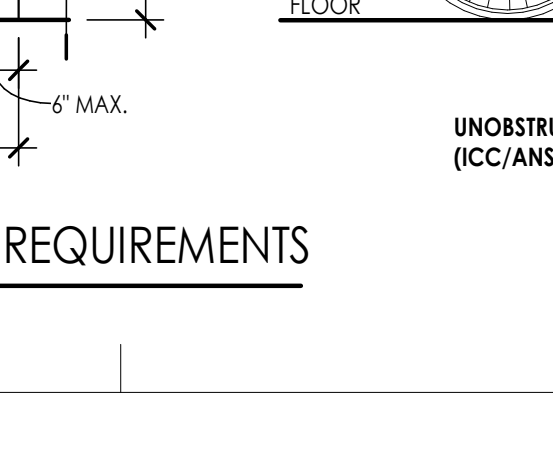
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



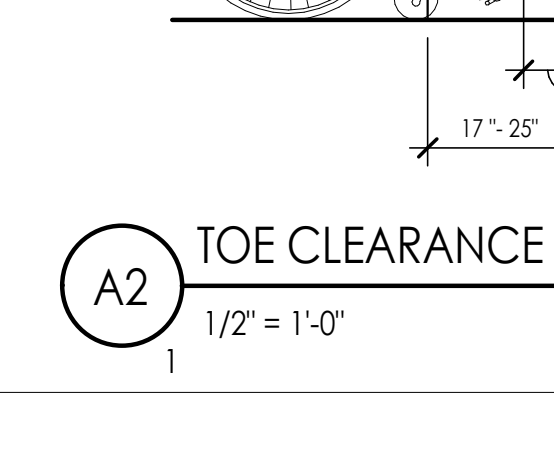
**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



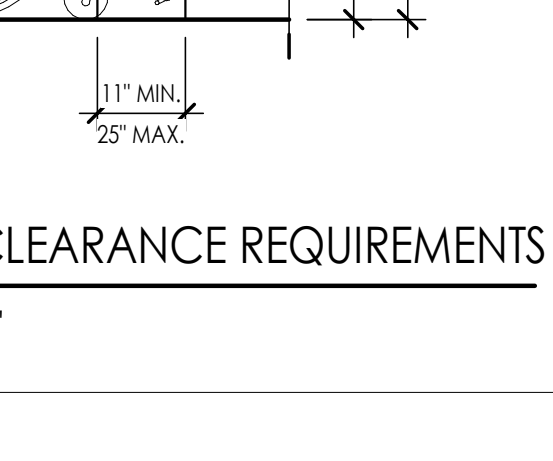
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



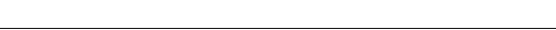
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



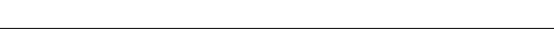
**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



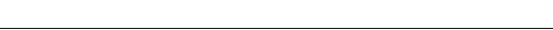
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



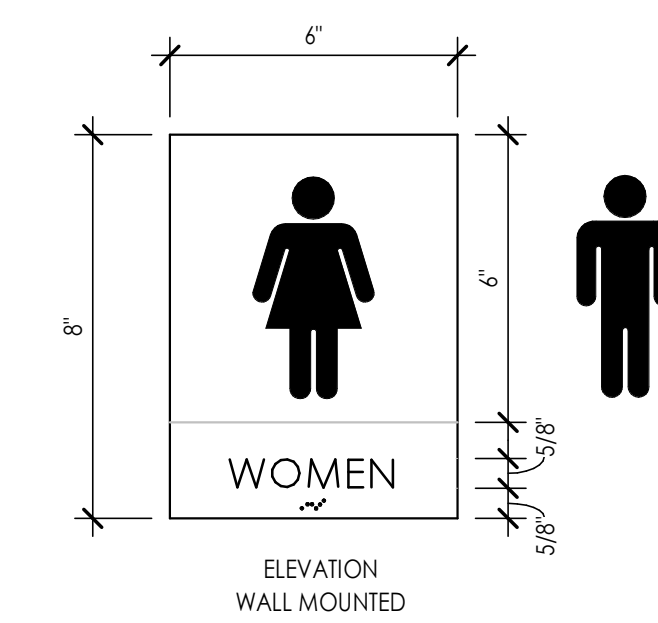
**B3** ACCESSIBILITY MOUNTING HEIGHTS  
1/2" = 1'-0"



**B2** TOE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"



**B1** KNEE CLEARANCE REQUIREMENTS  
1/2" = 1'-0"

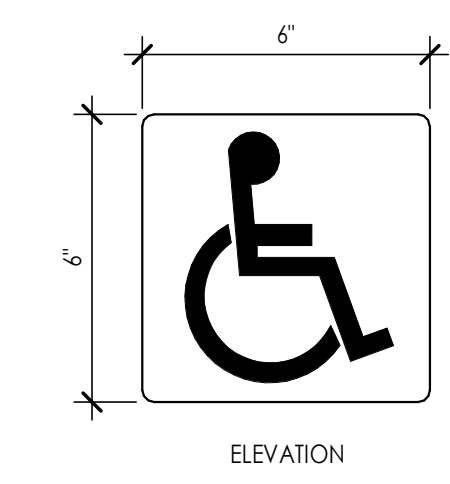


IBC 2018 2202.4 SIGNAGE: A LEGIBLE SIGN DESIGNATING THE SEX SHALL BE PROVIDED IN A READILY VISIBLE LOCATION NEAR THE ENTRANCE TO EACH TOILET FACILITY. SIGNS FOR ACCESSIBLE TOILET FACILITIES SHALL COMPLY WITH ICC/ANSI A117.1

TACTILE AND BRAILLE CHARACTERS REQUIRED (ADAAG 703.6.1)

NOTE: IF NOT ALL TOILET ROOMS ARE ACCESSIBLE, THE INTERNATIONAL SYMBOL OF ACCESSIBILITY MUST BE PROVIDED AT THE ACCESSIBLE TOILET ROOMS AND THOSE TOILET ROOMS THAT ARE NOT ACCESSIBLE WILL REQUIRE DIRECTIONAL SIGNAGE INDICATING THE LOCATION OF THE NEAREST ACCESSIBLE TOILET ROOMS.

**D5 RESTROOM SIGNAGE**  
3" = 1'-0"



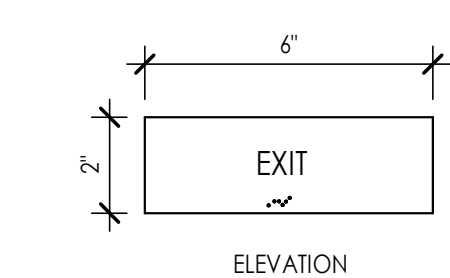
IBC 2018 1111.1 SIGNS: REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

SEE THE SPECIFICATION (SECTION 10) FOR ELEMENTS REQUIRING THIS SYMBOL.

IBC 2018 1111.2 DIRECTIONAL SIGNAGE: DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE LOCATIONS LISTED IN THE SPECIFICATION (SECTION 10). THESE DIRECTIONAL SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

NO TACTILE OR BRAILLE CHARACTERS REQUIRED.

**C5 ACCESSIBLE ELEMENT SIGNAGE**  
3" = 1'-0"



IBC 2018 1111.2 TACTILE EXIT SIGNS: A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY AND EXIT PASSAGEWAY AND THE EXIT DISCHARGE.

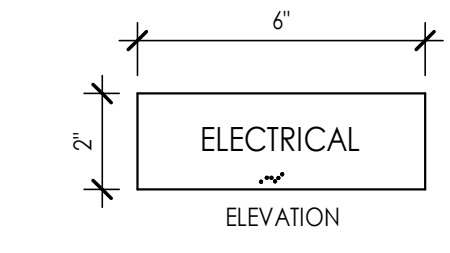
TACTILE AND BRAILLE CHARACTERS REQUIRED.

NOTE: ILLUMINATED EXIT SIGNS ARE NOT COVERED BY THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS - SEE ELECTRICAL DRAWINGS FOR ILLUMINATED EXIT SIGN FOR SPECIFICATIONS AND LOCATIONS.

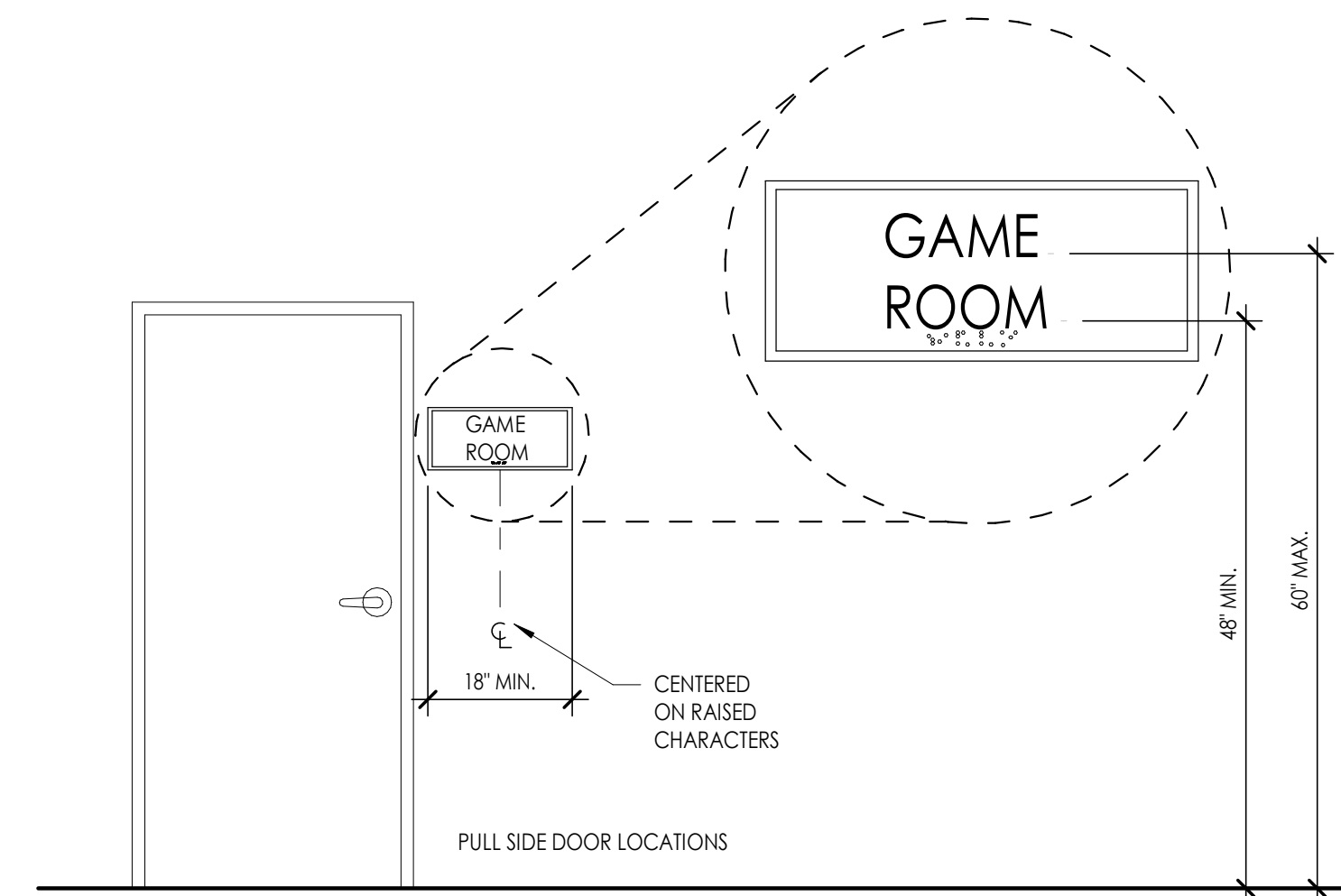
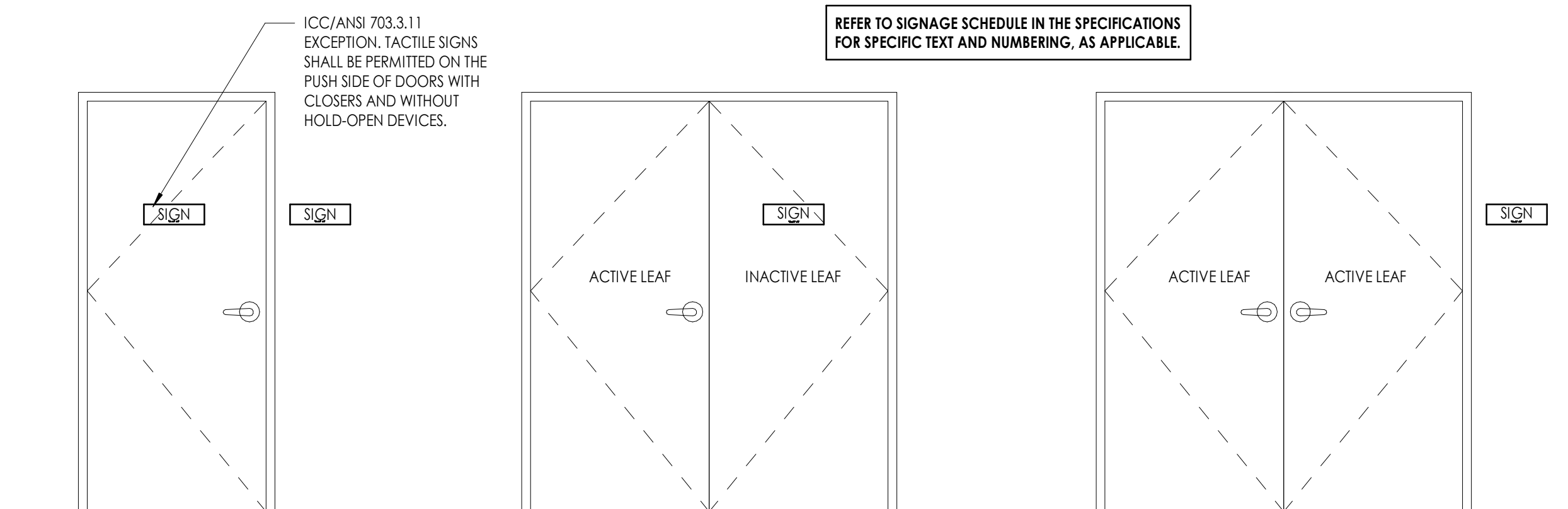
**B5 EXIT SIGNAGE**  
3" = 1'-0"

NOTE: ADAAG: TEMPORARY SIGNS, WHICH ARE EXEMPT INCLUDE IDENTIFICATION OF TENANCIES, NAMES AND TITLES OF ROOM OCCUPANTS, NOT-FIXED SIGNAGE, AND TEMPORARY POSTINGS. TEMPORARY SIGNS ARE NOT REQUIRED TO HAVE TACTILE OR BRAILLE CHARACTERS.

ADAAG 4.30 TACTILE SIGNAGE: RAISED AND BRAILLE CHARACTERS ARE REQUIRED ON SIGNS THAT "DESIGNATE PERMANENT ROOMS AND SPACES" INCLUDING RESTROOMS, EXITS, ROOMS BY NUMBER.



**A5 ROOM IDENTIFICATION SIGNAGE**  
3" = 1'-0"



SIGN HEIGHT ABOVE THE FLOOR: TACTILE CHARACTERS SHALL BE 48 INCHES MINIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER. (ICC/ANSI 703.3.10)

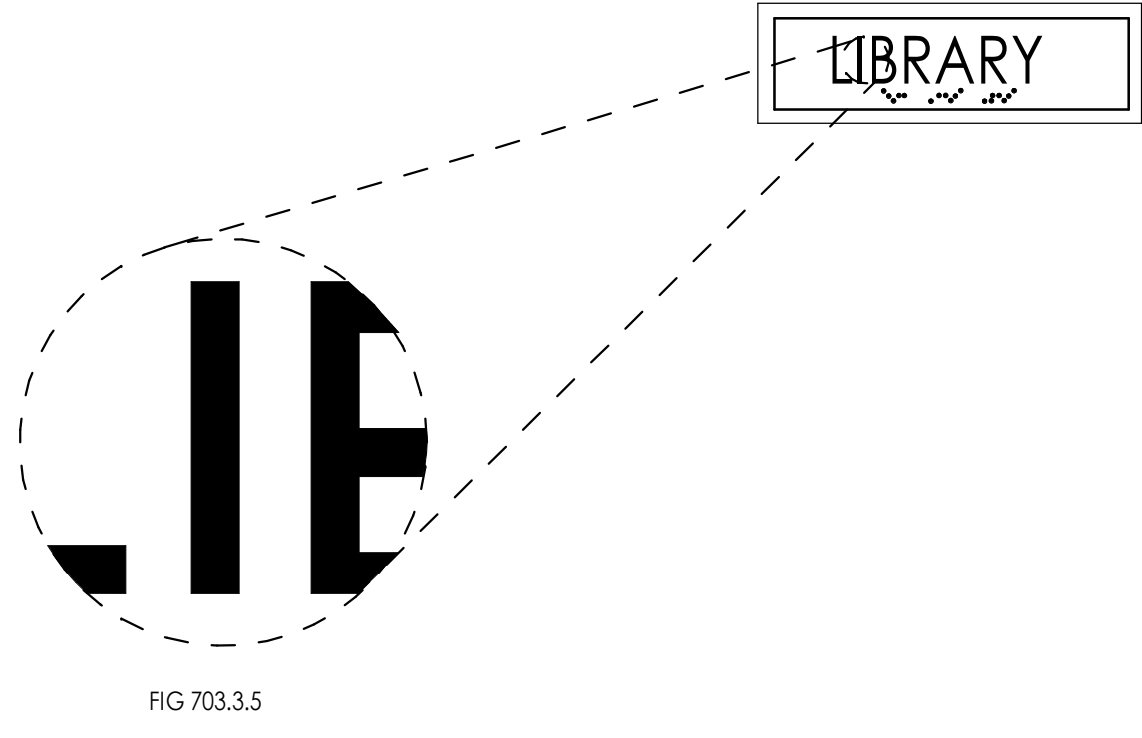
SIGN LOCATION: WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT-HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR AREA 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. (ICC/ANSI 703.3.11)

**B3 SIGNAGE LOCATIONS**  
1/2" = 1'-0"

ICC/ANSI A177.1-2017  
VISUAL CHARACTER HEIGHT  
TABLE 703.7.4

HEIGHT ABOVE FLOOR TO BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	HORIZONTAL VIEWING DISTANCE
40 INCHES TO LESS THAN OR EQUAL TO 70 INCHES	LESS THAN 10 FEET	2 INCH
	10 FEET AND GREATER	2 INCH, PLUS 1/5 INCH PER FOOT OF VIEWING DISTANCE ABOVE 10 FEET
GREATER THAN 70 INCHES TO LESS THAN OR EQUAL TO 120 INCHES	LESS THAN 15 FEET	3 INCHES
	15 FEET AND GREATER	3 INCH, PLUS 1/5 INCH PER FOOT OF VIEWING DISTANCE ABOVE 15 FEET
GREATER THAN 120 INCHES	LESS THAN 20 FEET	4 INCHES
	20 FEET AND GREATER	4 INCH, PLUS 1/5 INCH PER FOOT OF VIEWING DISTANCE ABOVE 20 FEET

703.7.4 CHARACTER HEIGHT: THE UPPERCASE LETTER "T" SHALL BE USED TO DETERMINE THE ALLOWABLE HEIGHT OF ALL LOW RESOLUTION VMS CHARACTERS OF A FONT. THE HEIGHT OF THE UPPERCASE LETTER "T" OF THE FONT, MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER, SHALL HAVE A MINIMUM HEIGHT COMPLYING WITH TABLE 703.7.4.



**A3 VISUAL CHARACTER HEIGHT**  
12" = 1'-0"

Project Name  
**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

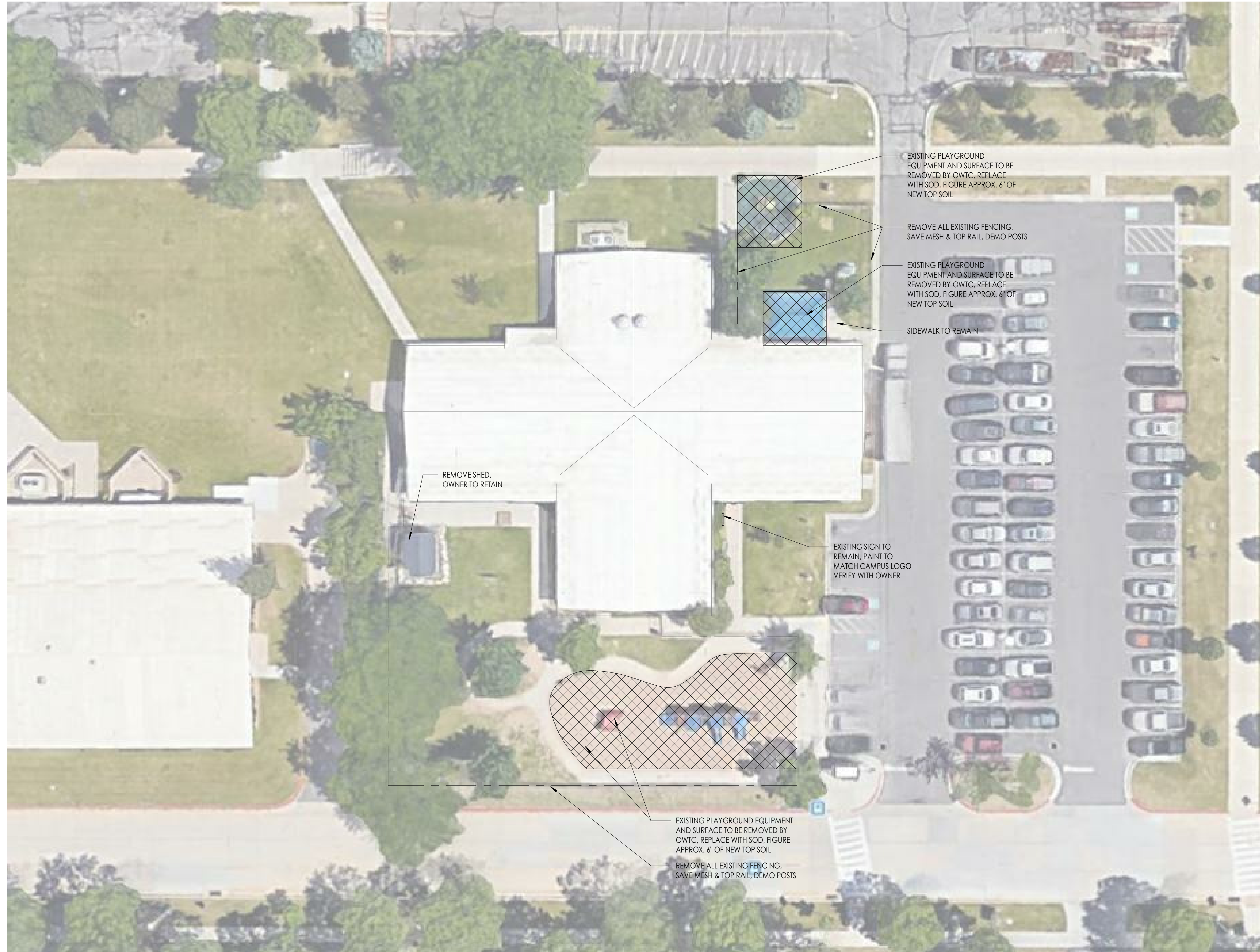
Revision

No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

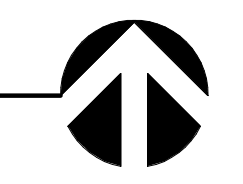
SIGNAGE TYPES AND DETAILS

Sheet Number  
**G1005**



**SITE PLAN**

1" = 20'-0"



Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240  
 SAA Project No. 219008  
 Drawing Title

**ARCHITECTURAL SITE PLAN**

Sheet Number

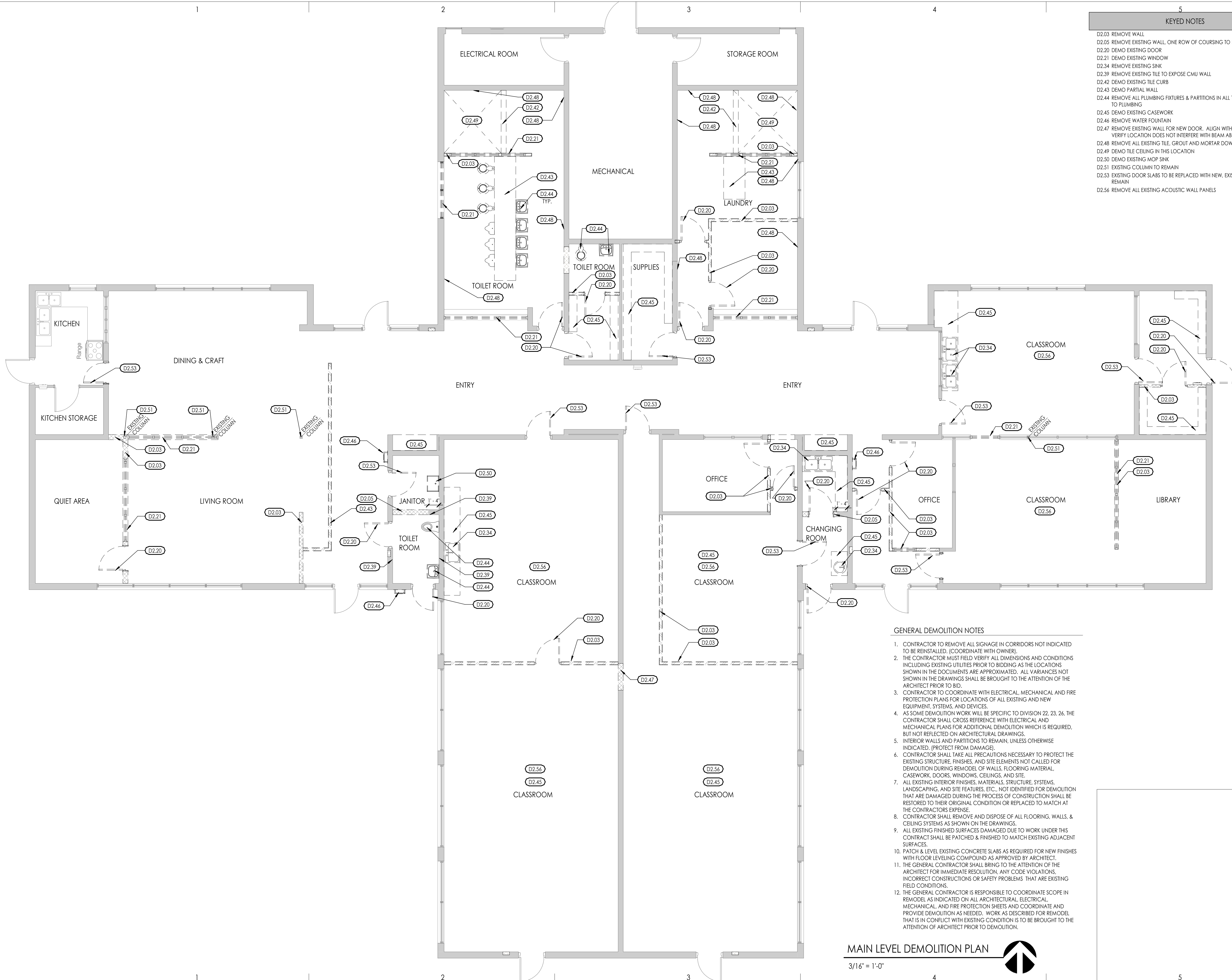
**AS101**

KEYED NOTES

- D2.03 REMOVE WALL
- D2.05 REMOVE EXISTING WALL, ONE ROW OF COURSING TO REMAIN
- D2.20 DEMO EXISTING DOOR
- D2.21 DEMO EXISTING WINDOW
- D2.34 REMOVE EXISTING SINK
- D2.39 REMOVE EXISTING TILE TO EXPOSE CMU WALL
- D2.42 DEMO EXISTING TILE CURB
- D2.43 DEMO PARTIAL WALL
- D2.44 REMOVE ALL PLUMBING FIXTURES & PARTITIONS IN ALL TOILET ROOMS, REFER TO PLUMBING
- D2.45 DEMO EXISTING CASEWORK
- D2.46 REMOVE WATER FOUNTAIN
- D2.47 REMOVE EXISTING WALL FOR NEW DOOR, ALIGN WITH COURSING AND VERIFY LOCATION DOES NOT INTERFERE WITH BEAM ABOVE
- D2.48 REMOVE ALL EXISTING TILE, GROUT AND MORTAR DOWN TO SHEATHING
- D2.49 DEMO TILE CEILING IN THIS LOCATION
- D2.50 DEMO EXISTING MOP SINK
- D2.51 EXISTING COLUMN TO REMAIN
- D2.53 EXISTING DOOR SLABS TO BE REPLACED WITH NEW, EXISTING FRAMES TO REMAIN
- D2.56 REMOVE ALL EXISTING ACOUSTIC WALL PANELS



Scale  
Consultant

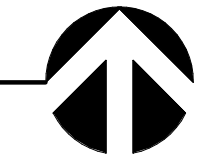


GENERAL DEMOLITION NOTES

1. CONTRACTOR TO REMOVE ALL SIGNAGE IN CORRIDORS NOT INDICATED TO BE REINSTALLED. (COORDINATE WITH OWNER).
2. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING AS THE LOCATIONS SHOWN IN THE DOCUMENTS ARE APPROXIMATED. ALL VARIANCES NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. CONTRACTOR TO COORDINATE WITH ELECTRICAL, MECHANICAL AND FIRE PROTECTION PLANS FOR LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, SYSTEMS, AND DEVICES.
4. AS SOME DEMOLITION WORK WILL BE SPECIFIC TO DIVISION 22, 23, 26, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.
5. INTERIOR WALLS AND PARTITIONS TO REMAIN, UNLESS OTHERWISE INDICATED. (PROTECT FROM DAMAGE).
6. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT CALLED FOR DEMOLITION DURING REMODEL OF WALLS, FLOORING MATERIAL, CASEWORK, DOORS, WINDOWS, CEILINGS, AND SITE.
7. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND SITE FEATURES, ETC., NOT IDENTIFIED FOR DEMOLITION THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH AT THE CONTRACTOR'S EXPENSE.
8. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING, WALLS, & CEILING SYSTEMS AS SHOWN ON THE DRAWINGS.
9. ALL EXISTING FINISHED SURFACES DAMAGED DUE TO WORK UNDER THIS CONTRACT SHALL BE PATCHED & FINISHED TO MATCH EXISTING ADJACENT SURFACES.
10. PATCH & LEVEL EXISTING CONCRETE SLABS AS REQUIRED FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND AS APPROVED BY ARCHITECT.
11. THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT FOR IMMEDIATE RESOLUTION, ANY CODE VIOLATIONS, INCORRECT CONSTRUCTIONS OR SAFETY PROBLEMS THAT ARE EXISTING FIELD CONDITIONS.
12. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE SCOPE IN REMODEL AS INDICATED ON ALL ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION SHEETS AND COORDINATE AND PROVIDE DEMOLITION AS NEEDED. WORK AS DESCRIBED FOR REMODEL THAT IS IN CONFLICT WITH EXISTING CONDITION IS TO BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO DEMOLITION.

MAIN LEVEL DEMOLITION PLAN

3/16" = 1'-0"



OWTC COSMETOLOGY  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

DEMOLITION FLOOR PLAN

Sheet Number  
**AD101**

DFCM approval



**KEYED NOTES**

- D2.02 REMOVE TILE CEILING
- D2.04 REMOVE CEILING SYSTEM
- D2.52 REMOVE EXISTING ACOUSTICAL CEILING PANELS
- D2.54 REMOVE TILE, EXPOSE WOOD T & G ROOF DECK
- D2.55 EXISTING CEILING TO REMAIN, DEMO ONLY AS REQ'D

Seal

Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

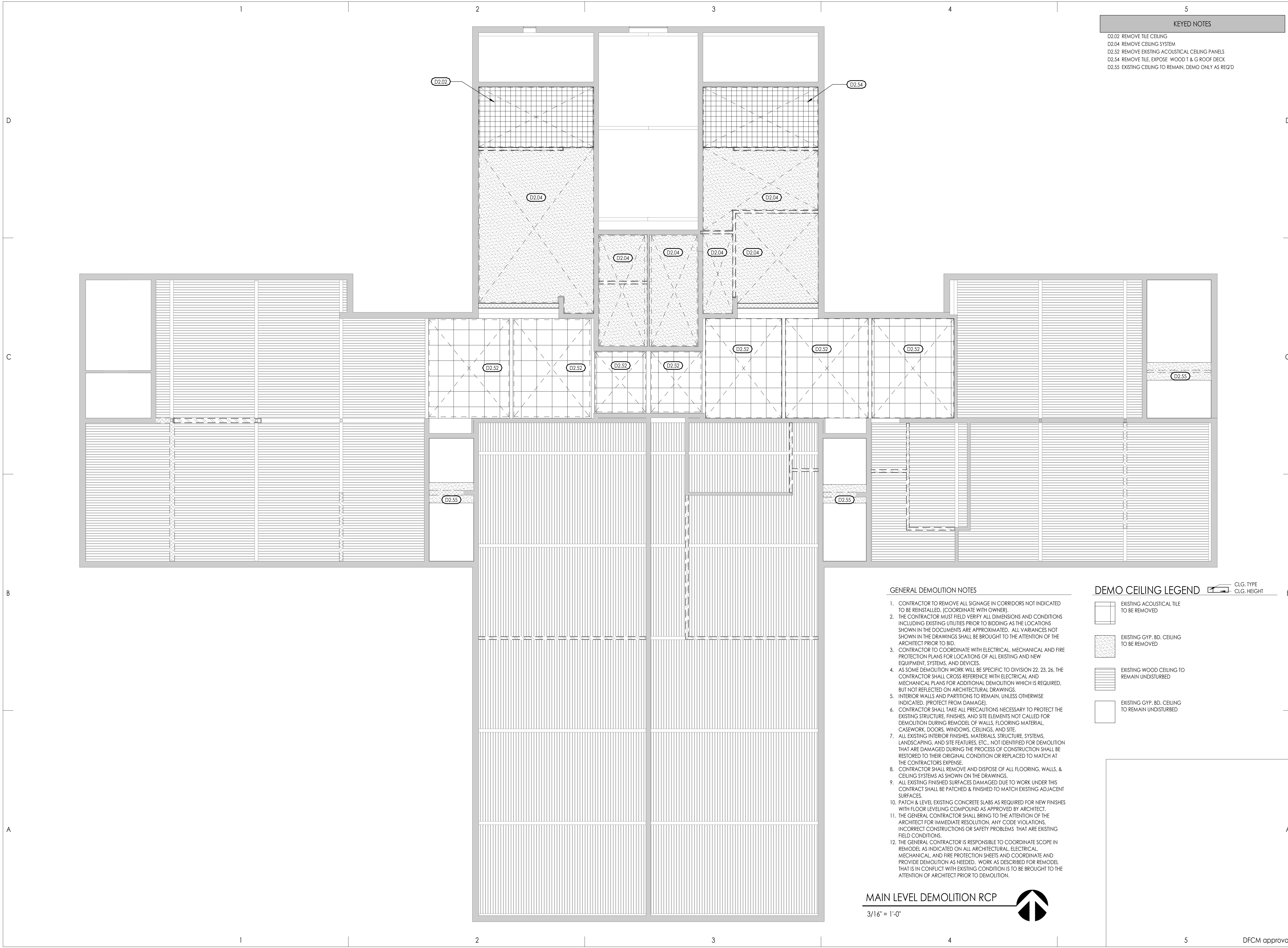
DFCM Project No.	20228240
SAA Project No.	219008

**DEMOLITION REFLECTED CEILING PLAN**

Sheet Number

**AD102**

DFCM approval



**GENERAL DEMOLITION NOTES**

1. CONTRACTOR TO REMOVE ALL SIGNAGE IN CORRIDORS NOT INDICATED TO BE REINSTALLED. (COORDINATE WITH OWNER).
2. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING AS THE LOCATIONS SHOWN IN THE DOCUMENTS ARE APPROXIMATED. ALL VARIANCES NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
3. CONTRACTOR TO COORDINATE WITH ELECTRICAL, MECHANICAL AND FIRE PROTECTION PLANS FOR LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, SYSTEMS, AND DEVICES.
4. AS SOME DEMOLITION WORK WILL BE SPECIFIC TO DIVISION 22, 23, 26, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.
5. INTERIOR WALLS AND PARTITIONS TO REMAIN, UNLESS OTHERWISE INDICATED. (PROTECT FROM DAMAGE).
6. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT CALLED FOR DEMOLITION DURING REMODEL OF WALLS, FLOORING MATERIAL, CASEWORK, DOORS, WINDOWS, CEILINGS, AND SITE.
7. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND SITE FEATURES, ETC., NOT IDENTIFIED FOR DEMOLITION THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH AT THE CONTRACTORS EXPENSE.
8. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING, WALLS, & CEILING SYSTEMS AS SHOWN ON THE DRAWINGS.
9. ALL EXISTING FINISHED SURFACES DAMAGED DUE TO WORK UNDER THIS CONTRACT SHALL BE PATCHED & FINISHED TO MATCH EXISTING ADJACENT SURFACES.
10. PATCH & LEVEL EXISTING CONCRETE SLABS AS REQUIRED FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND AS APPROVED BY ARCHITECT.
11. THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT FOR IMMEDIATE RESOLUTION, ANY CODE VIOLATIONS, INCORRECT CONSTRUCTIONS OR SAFETY PROBLEMS THAT ARE EXISTING FIELD CONDITIONS.
12. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE SCOPE IN REMODEL AS INDICATED ON ALL ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION SHEETS AND COORDINATE AND PROVIDE DEMOLITION AS NEEDED. WORK AS DESCRIBED FOR REMODEL THAT IS IN CONFLICT WITH EXISTING CONDITION IS TO BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO DEMOLITION.

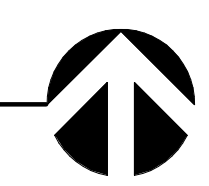
**DEMO CEILING LEGEND**

- EXISTING ACOUSTICAL TILE TO BE REMOVED
- EXISTING GYP. BD. CEILING TO BE REMOVED
- EXISTING WOOD CEILING TO REMAIN UNDISTURBED
- EXISTING GYP. BD. CEILING TO REMAIN UNDISTURBED

CLG. TYPE  
CLG. HEIGHT

**MAIN LEVEL DEMOLITION RCP**

3/16" = 1'-0"



D

C

B

A

D

C

B

A

1

2

3

4

5

1

2

3

4

5



A1  
AE421

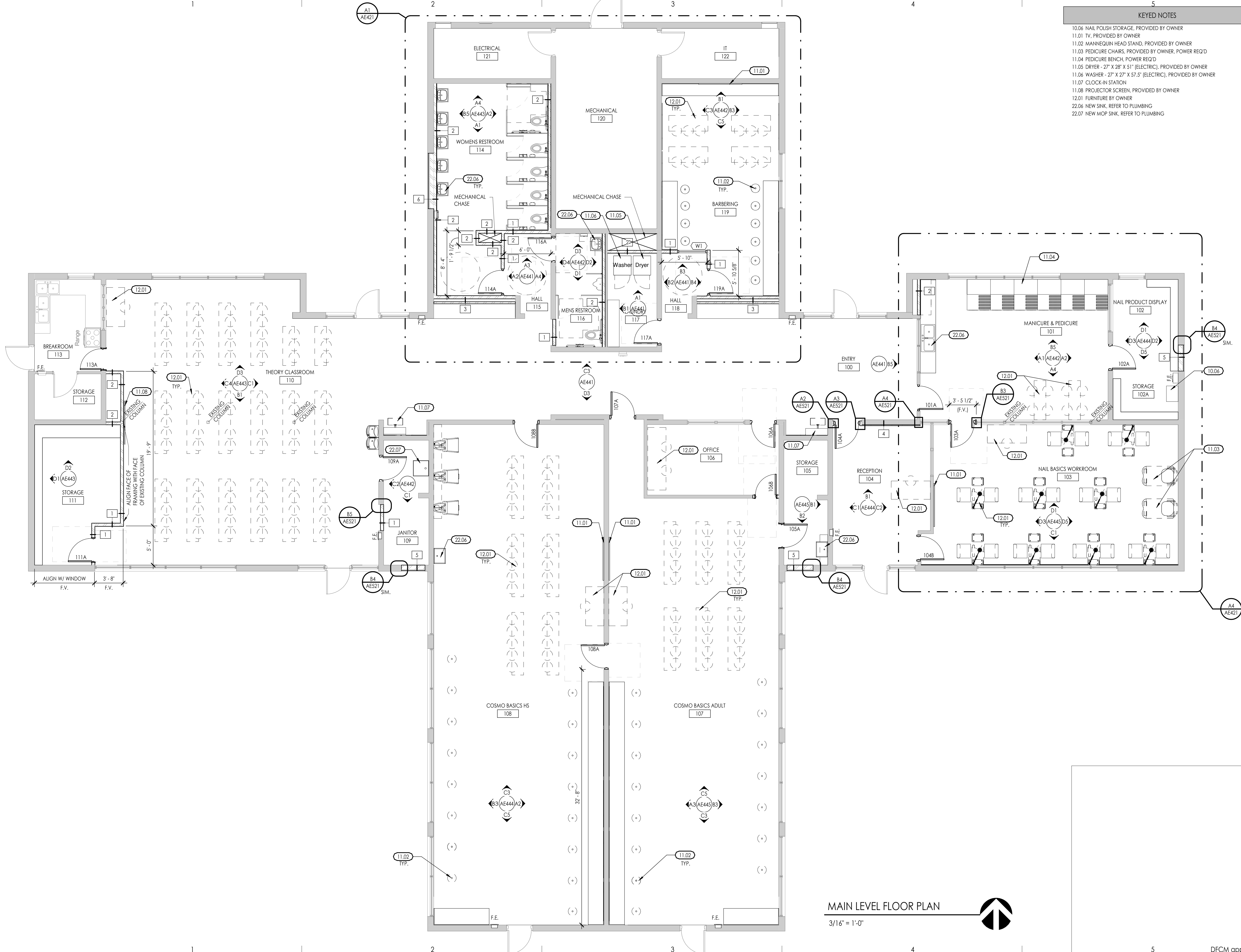
KEYED NOTES

- 10.04 NAIL POLISH STORAGE, PROVIDED BY OWNER
- 11.01 TV, PROVIDED BY OWNER
- 11.02 MANNEQUIN HEAD STAND, PROVIDED BY OWNER
- 11.03 PEDICURE CHAIRS, PROVIDED BY OWNER, POWER REQ'D
- 11.04 PEDICURE BENCH, POWER REQ'D
- 11.05 DRYER - 27" X 28" X 51" (ELECTRIC), PROVIDED BY OWNER
- 11.06 WASHER - 27" X 27" X 57.5" (ELECTRIC), PROVIDED BY OWNER
- 11.07 CLOCK-IN STATION
- 11.08 PROJECTOR SCREEN, PROVIDED BY OWNER
- 12.01 FURNITURE BY OWNER
- 22.04 NEW SINK, REFER TO PLUMBING
- 22.07 NEW MOP SINK, REFER TO PLUMBING



Seal

Consultant



**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No.	20228240
SAA Project No.	219008
Drawing Title	

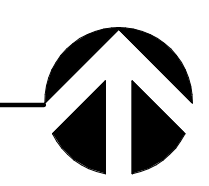
FLOOR PLAN

Sheet Number

**AE101**

MAIN LEVEL FLOOR PLAN

3/16" = 1'-0"



DFCM approval



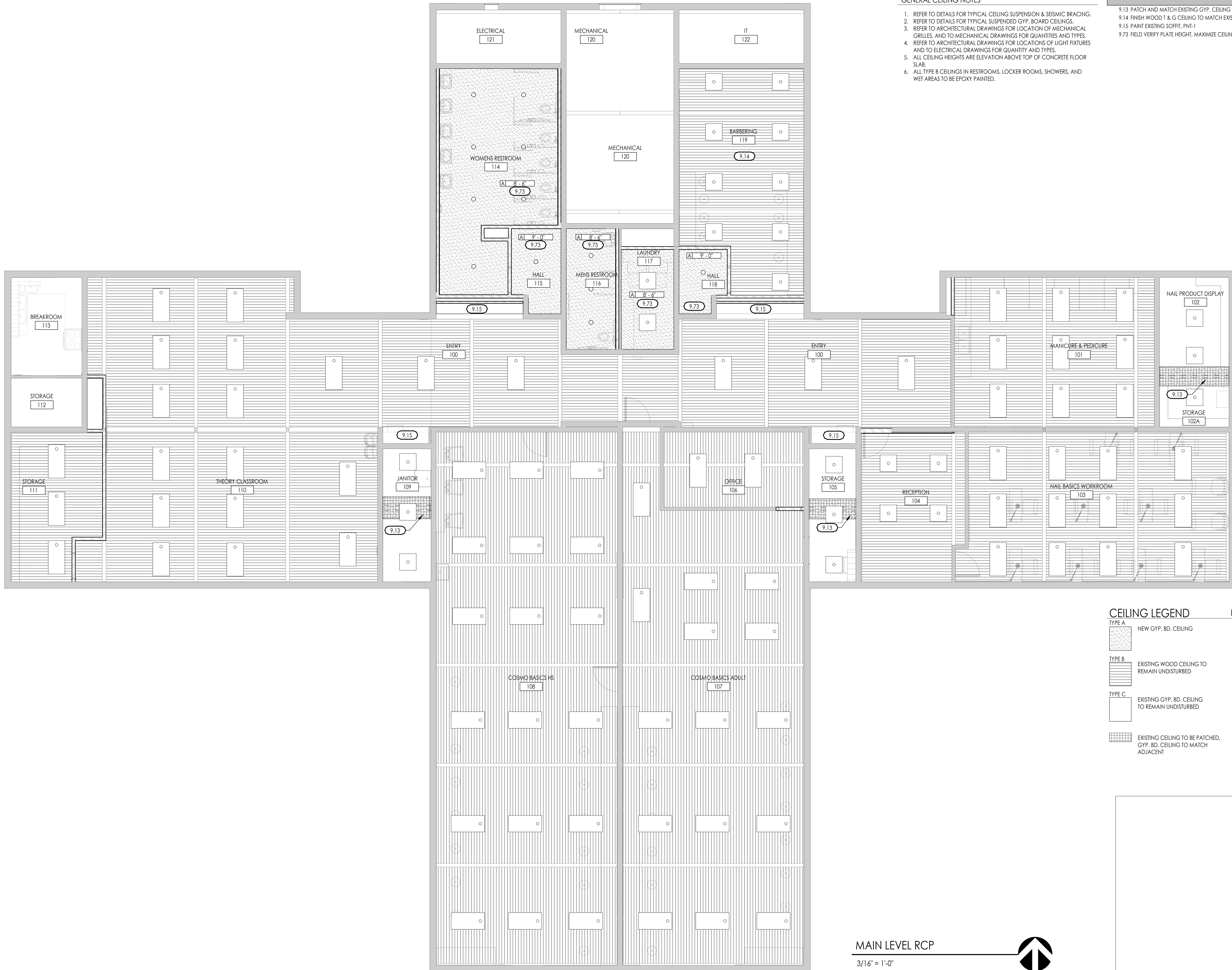
2668 Grant Avenue  
 Ogden, Utah 84401  
 Phone: 801-421-1323  
 www.sandersarch.com

GENERAL CEILING NOTES

1. REFER TO DETAILS FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING.
2. REFER TO DETAILS FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES.
4. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES.
5. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB.
6. ALL TYPE B CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED.

KEYED NOTES

- 9.13 PATCH AND MATCH EXISTING GYP. CEILING
- 9.14 FINISH WOOD T & G CEILING TO MATCH EXISTING
- 9.15 PAINT EXISTING SOFFIT, PNT-1
- 9.73 FIELD VERIFY PLATE HEIGHT, MAXIMIZE CEILING HEIGHT



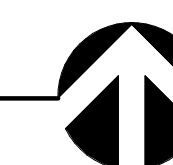
CEILING LEGEND

- TYPE A NEW GYP. BD. CEILING
- TYPE B EXISTING WOOD CEILING TO REMAIN UNDISTURBED
- TYPE C EXISTING GYP. BD. CEILING TO REMAIN UNDISTURBED
- EXISTING CEILING TO BE PATCHED, GYP. BD. CEILING TO MATCH ADJACENT

CLG. TYPE  
 CLG. HEIGHT

MAIN LEVEL RCP

3/16" = 1'-0"



OWTC COSMETOLOGY  
 REMODEL

200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240  
 SAA Project No. 219008  
 Drawing Title

REFLECTED CEILING  
 PLAN

Sheet Number

AE141

DFCM approval

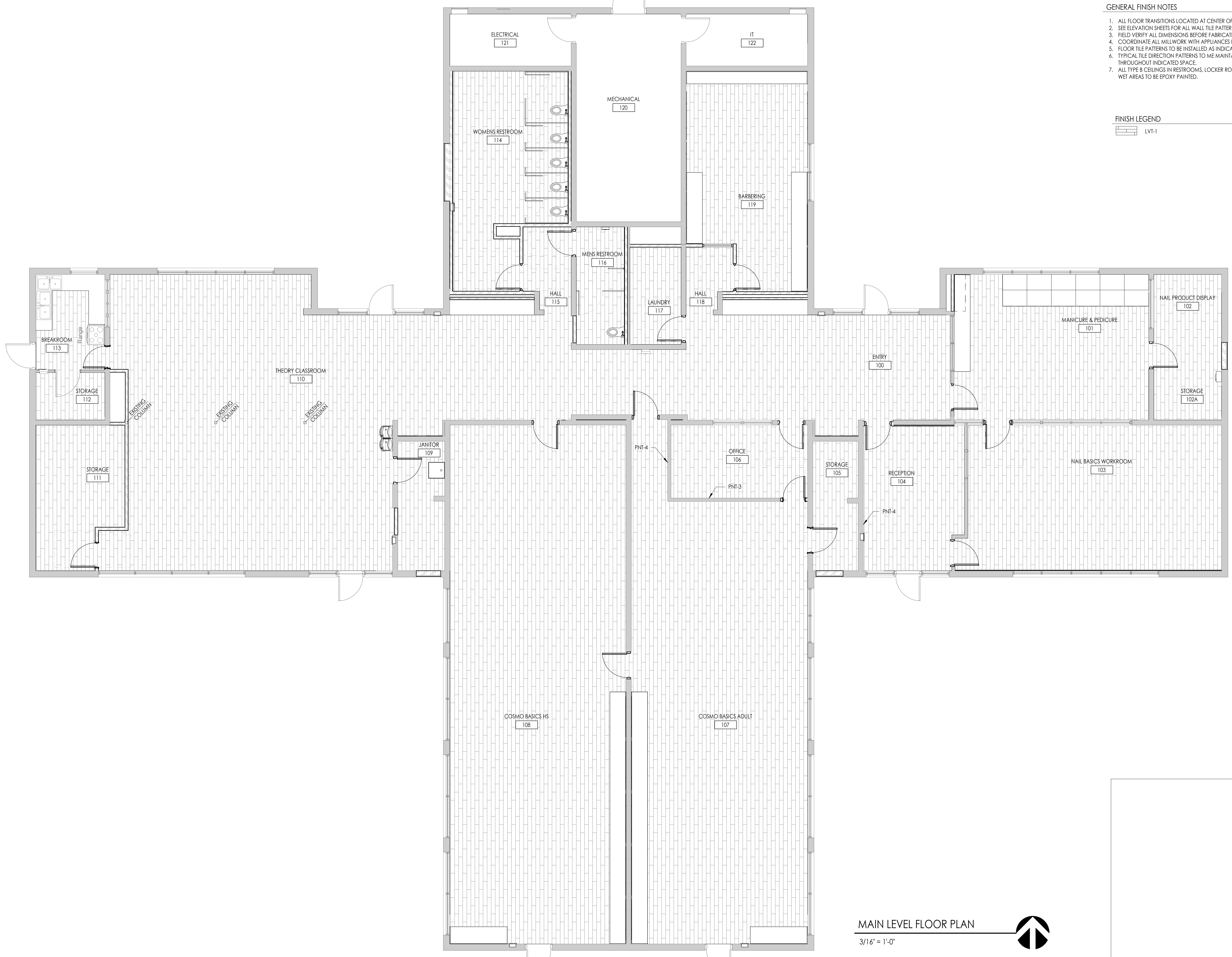


**GENERAL FINISH NOTES**

1. ALL FLOOR TRANSITIONS LOCATED AT CENTER OF DOOR
2. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
3. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
4. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
5. FLOOR TILE PATTERNS TO BE INSTALLED AS INDICATED ON FINISH PLAN.
6. TYPICAL TILE DIRECTION PATTERNS TO BE MAINTAINED AND CONSISTENT THROUGHOUT INDICATED SPACE.
7. ALL TYPE B CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED.

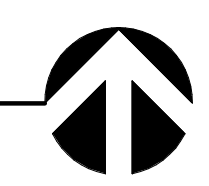
**FINISH LEGEND**

LVF-1



**MAIN LEVEL FLOOR PLAN**

3/16" = 1'-0"



Consultant

**OWTC COSMETOLOGY  
REMODEL**

200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

**FINISH FLOOR PLAN**

Sheet Number

**AE161**

DFCM approval

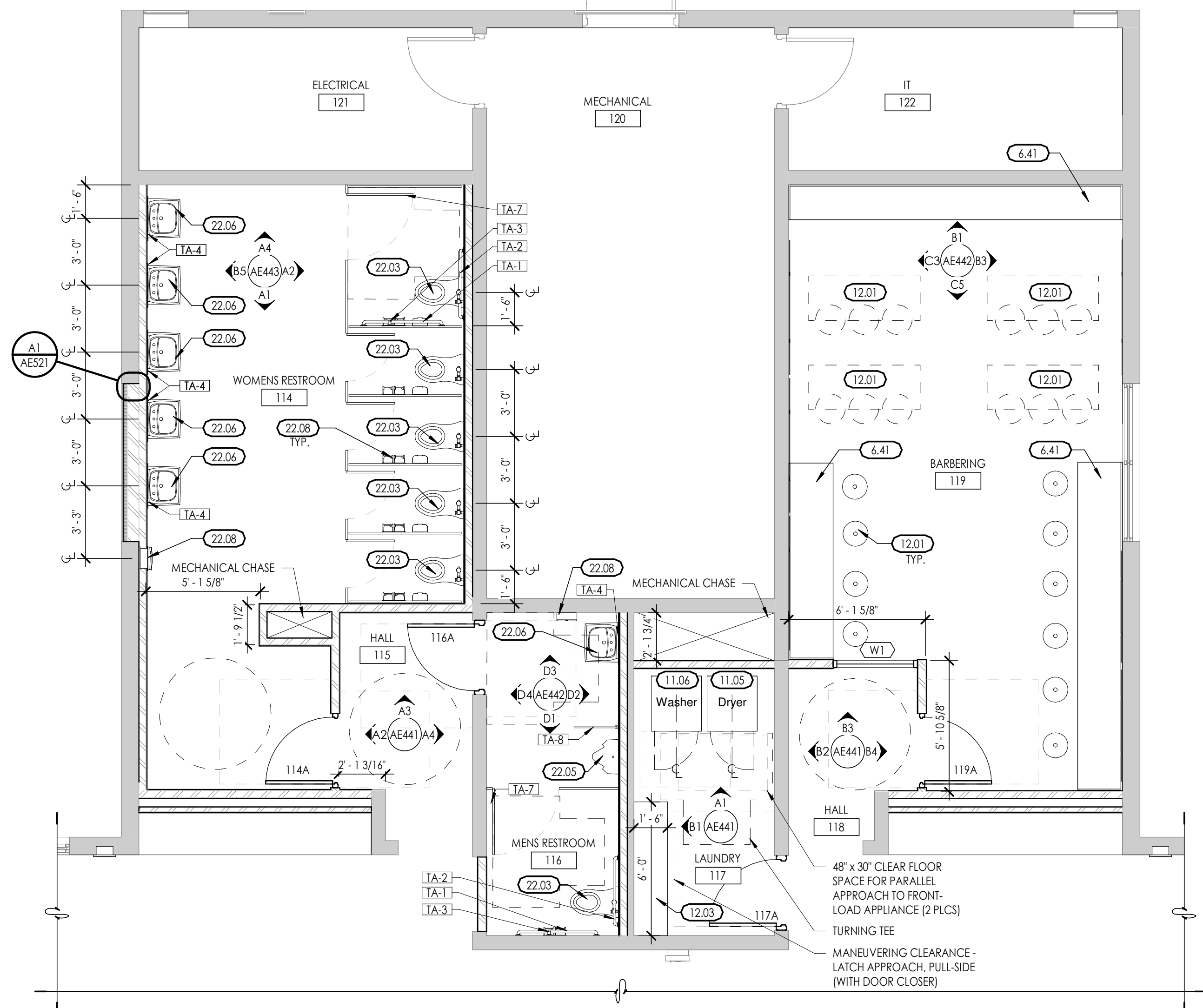
TOILET ACCESSORY SCHEDULE		
MARK	MODEL	PROVIDED BY / INSTALLED BY
TA-1	42" GRAB BAR, BOBRICK, B-6806 SERIES	G.C./G.C.
TA-2	36" GRAB BAR, BOBRICK B-6806 SERIES	G.C./G.C.
TA-3	18" GRAB BAR, BOBRICK B-6806 SERIES	G.C./G.C.
TA-4	24" X 36" FRAMELESS MIRROR	G.C./G.C.
TA-5	60" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-6	72" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-7	BRADLEY POWDER COATED - SERIES 400 - SENTINEL RESTROOM PARTITIONS, FLOOR-MOUNTED W/ OVERHEAD BRACE, WARM GRAY - 0412	G.C./G.C.
TA-8	BRADLEY POWDER COATED URINAL SCREEN, WALL HUNG W/ CONTINUOUS BRACKETS, WARM GRAY - 0412	G.C./G.C.

KEYED NOTES	
6.41	CUSTOM MILLWORK, REFER TO INTERIOR ELEVATIONS
6.42	3/4" MDF SHELVING, REFER TO INTERIOR ELEVATIONS FOR SIZE
10.06	NAIL POLISH STORAGE, PROVIDED BY OWNER
11.03	PEDICURE CHAIRS, POWER REQ'D
11.04	PEDICURE BENCH, POWER REQ'D
11.05	DRYER - 27" X 28" X 51" (ELECTRIC), PROVIDED BY OWNER
11.06	WASHER - 27" X 27" X 57.5" (ELECTRIC), PROVIDED BY OWNER
12.01	FURNITURE BY OWNER
12.03	CABINET, PROVIDED BY OWNER
22.03	TOILET, REFER TO PLUMBING
22.05	URINAL, REFER TO PLUMBING
22.06	NEW SINK, REFER TO PLUMBING
22.08	TOILET ACCESSORIES, PROVIDED AND INSTALLED BY OWNER

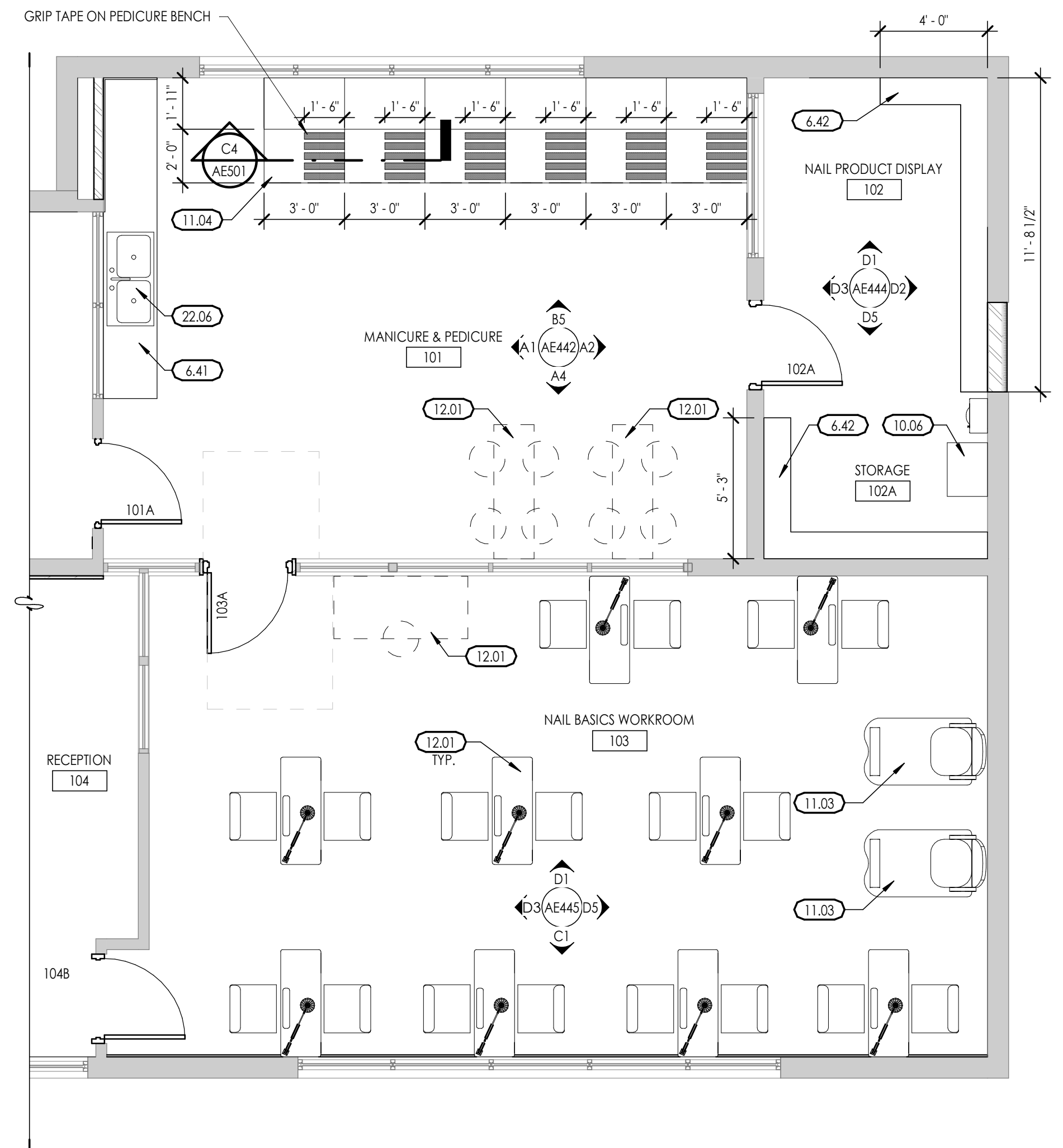


2668 Grant Avenue  
Ogden, Utah 84401  
Phone: 801.421.1300  
www.sandersarch.com

Consultant



**A1** ENLARGED PLAN VIEW  
1/4" = 1'-0"



**A4** ENLARGED PLAN VIEW  
1/4" = 1'-0"

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

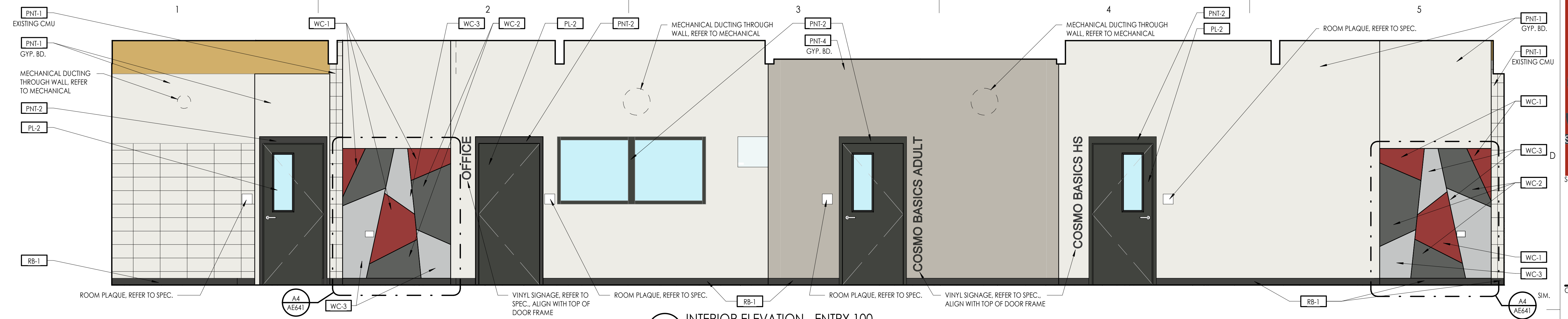
DFCM Project No.	20228240
SAA Project No.	219008
Drawing Title	

ENLARGED FLOOR PLAN

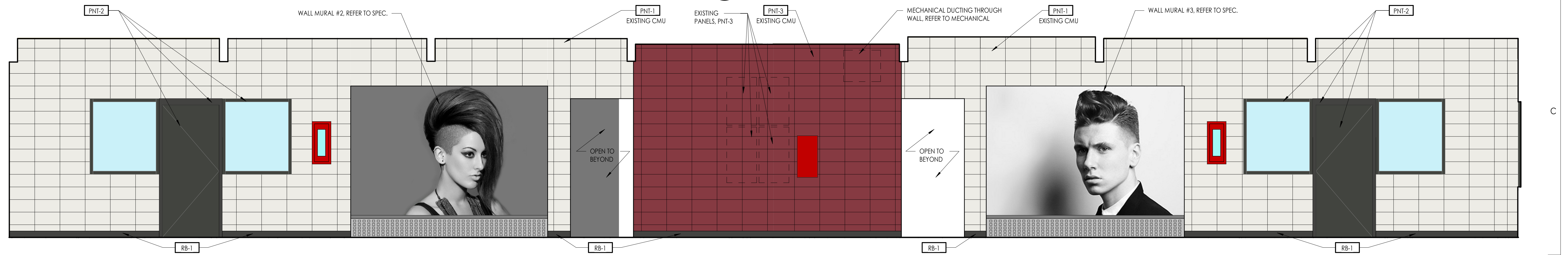
Sheet Number

**AE421**

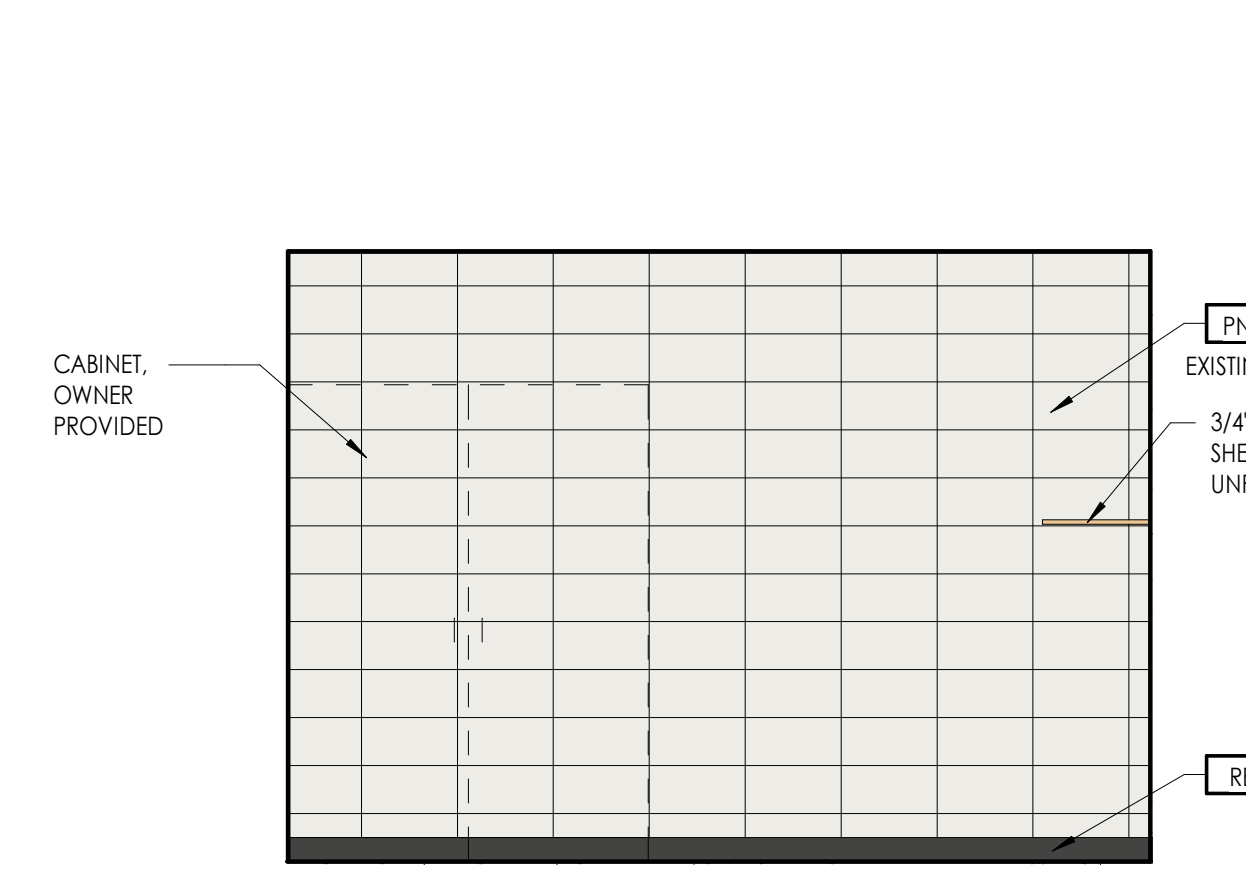
DFCM approval



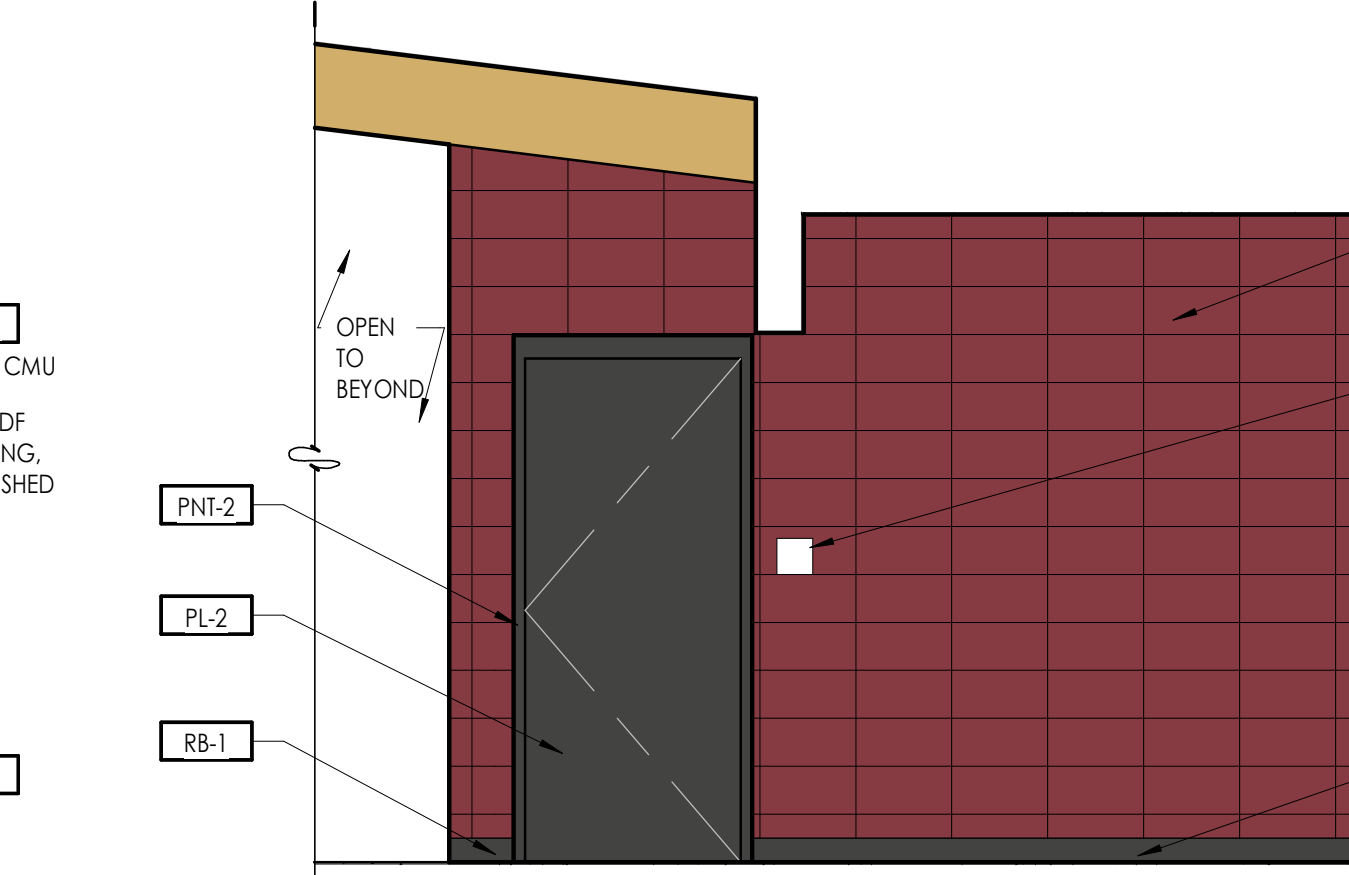
**D3** INTERIOR ELEVATION - ENTRY 100  
3/8" = 1'-0"



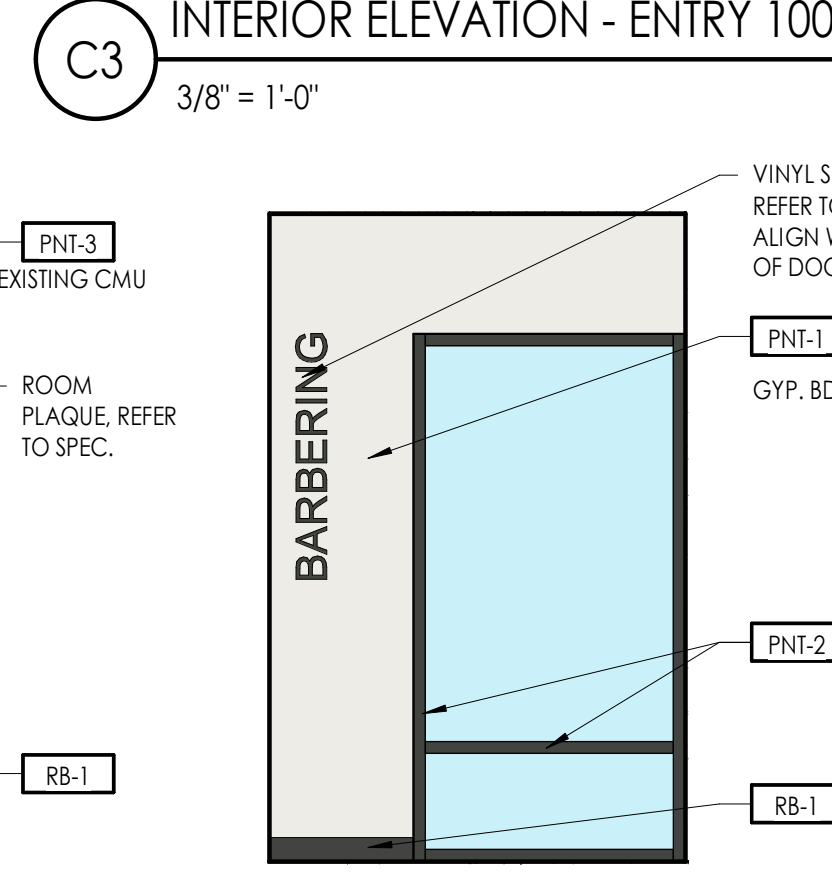
**C3** INTERIOR ELEVATION - ENTRY 100  
3/8" = 1'-0"



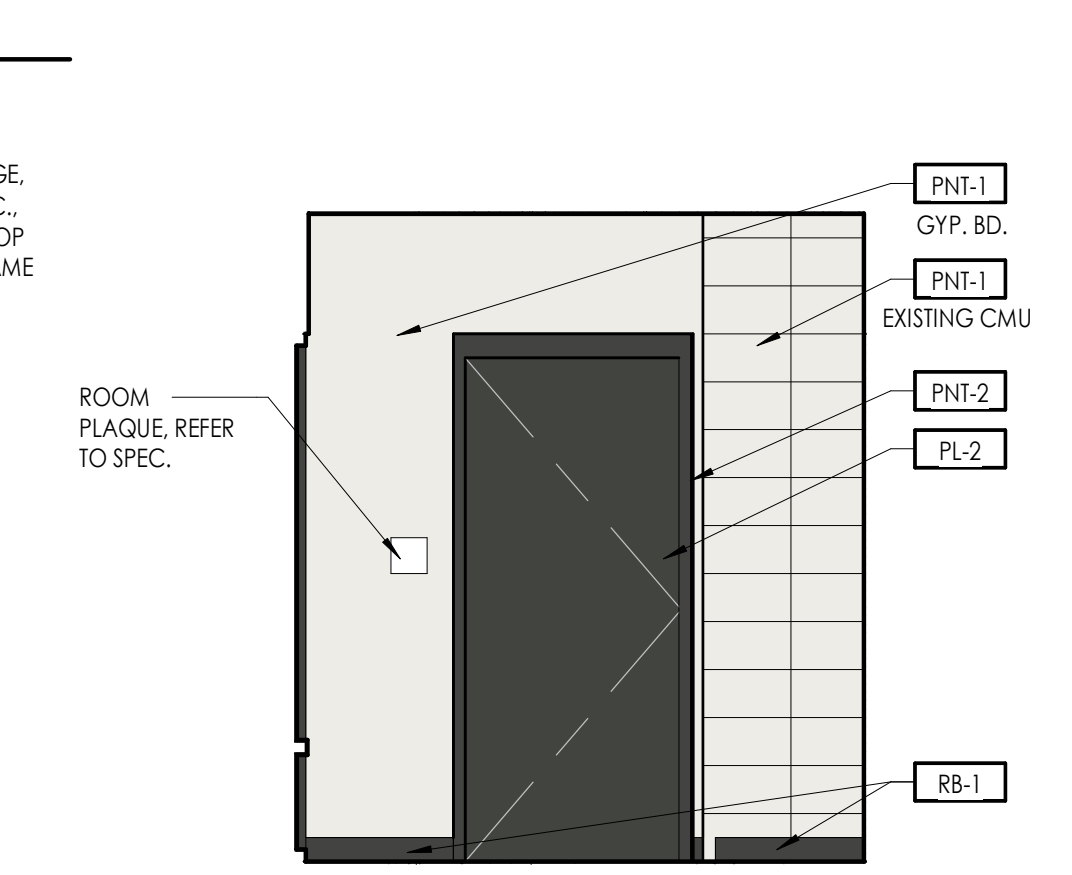
**B1** INTERIOR ELEVATION - LAUNDRY 117  
3/8" = 1'-0"



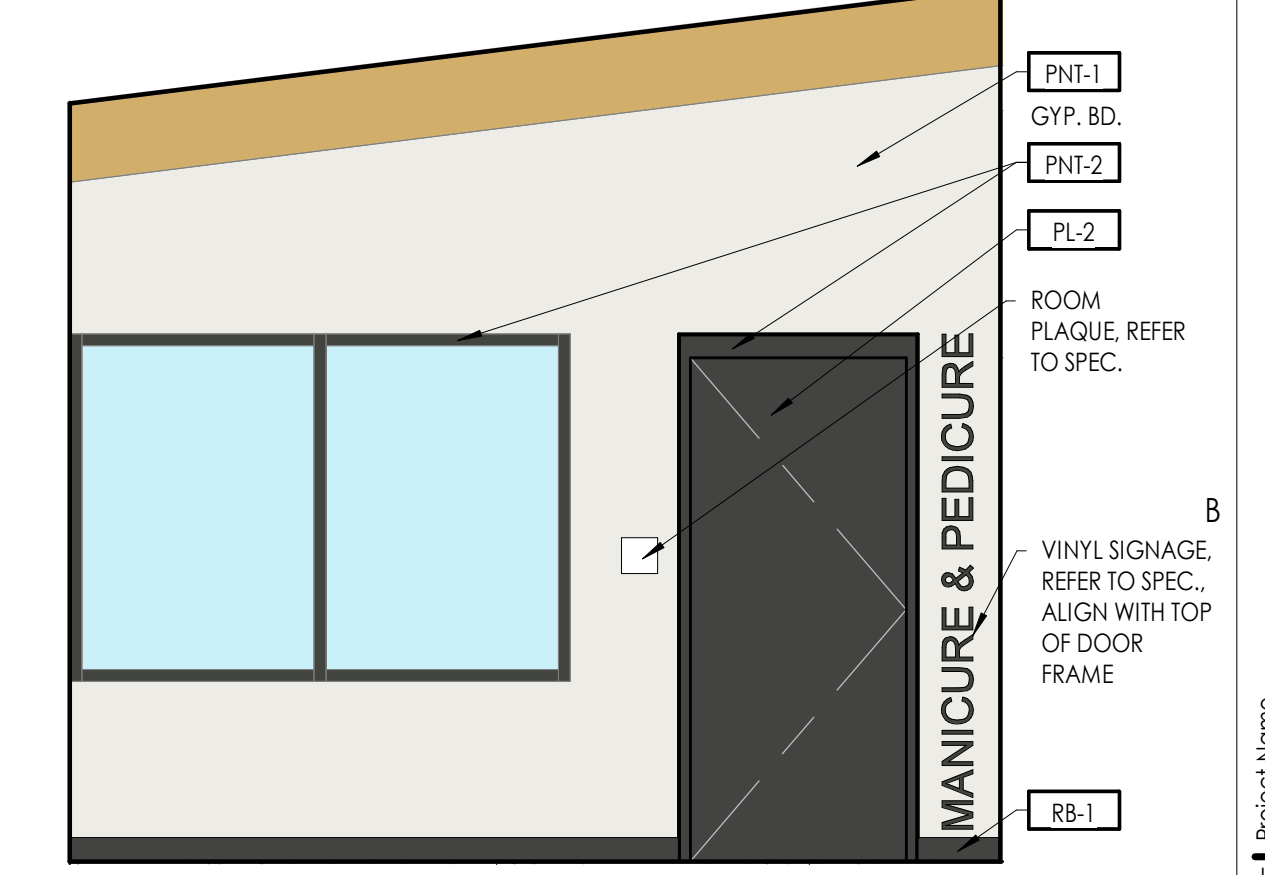
**B2** INTERIOR ELEVATION - HALL 118  
3/8" = 1'-0"



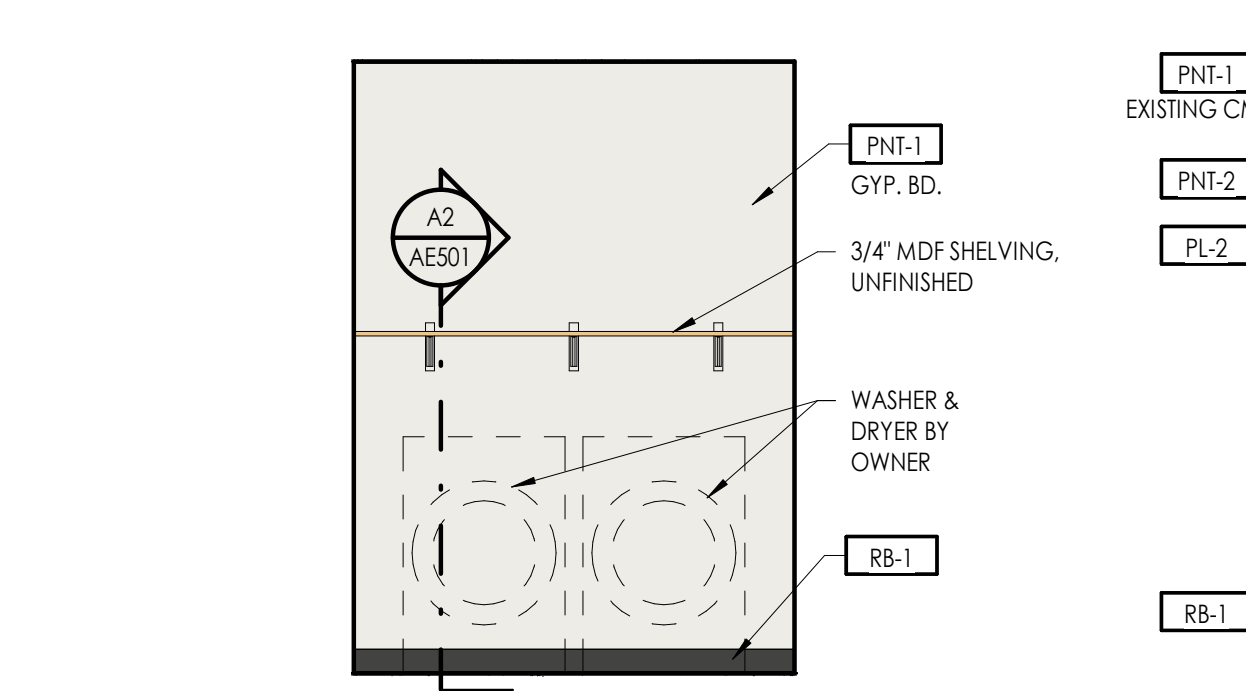
**B3** INTERIOR ELEVATION - HALL 118  
3/8" = 1'-0"



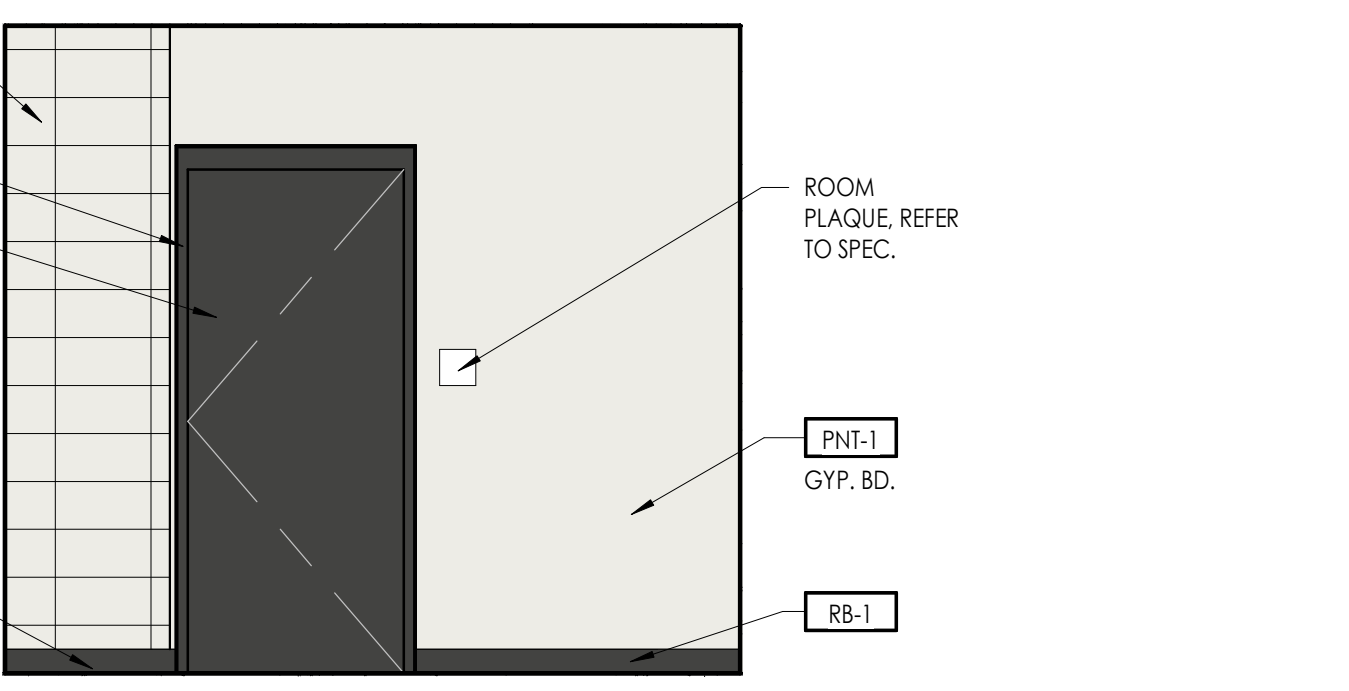
**B4** INTERIOR ELEVATION - HALL 118  
3/8" = 1'-0"



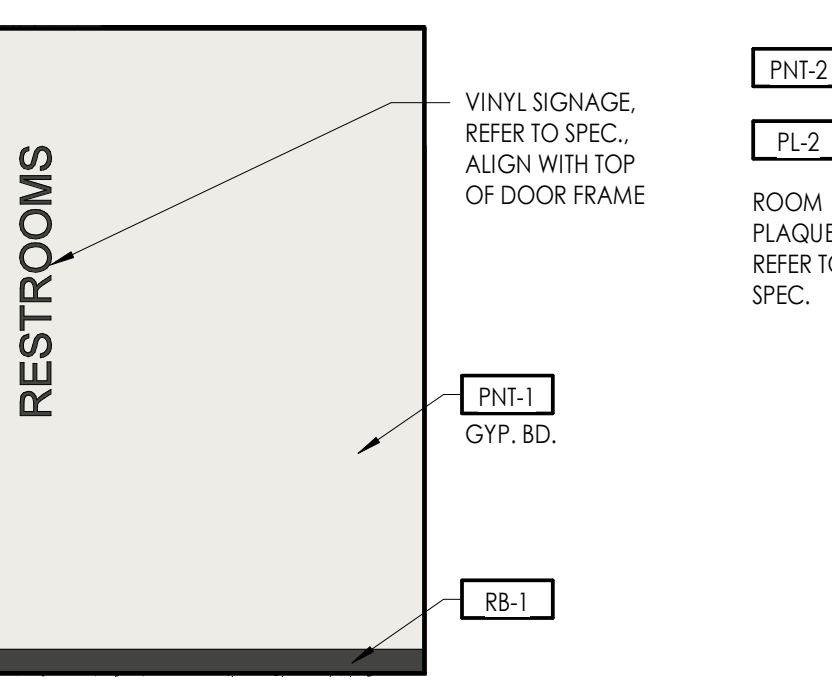
**B5** INTERIOR ELEVATION - ENTRY 100  
3/8" = 1'-0"



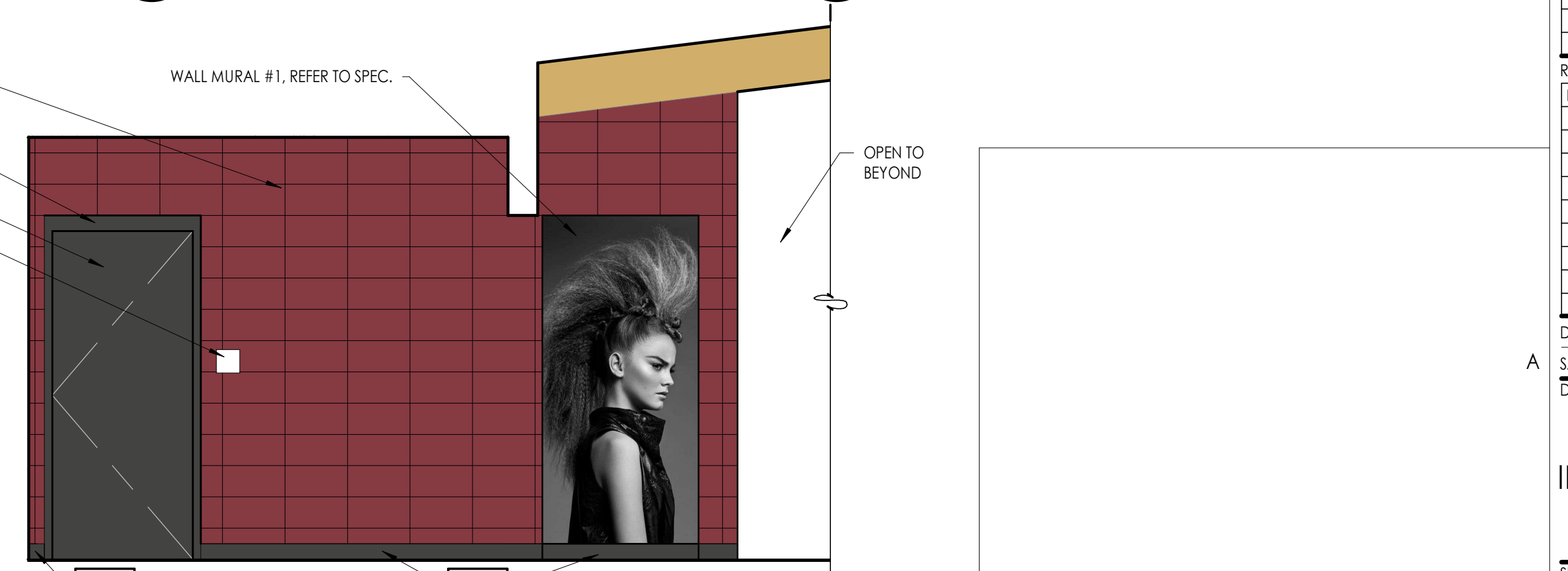
**A1** INTERIOR ELEVATION - LAUNDRY 117  
3/8" = 1'-0"



**A2** INTERIOR ELEVATION - HALL 115  
3/8" = 1'-0"



**A3** INTERIOR ELEVATION - HALL 115  
3/8" = 1'-0"



**A4** INTERIOR ELEVATION - HALL 115  
3/8" = 1'-0"

**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

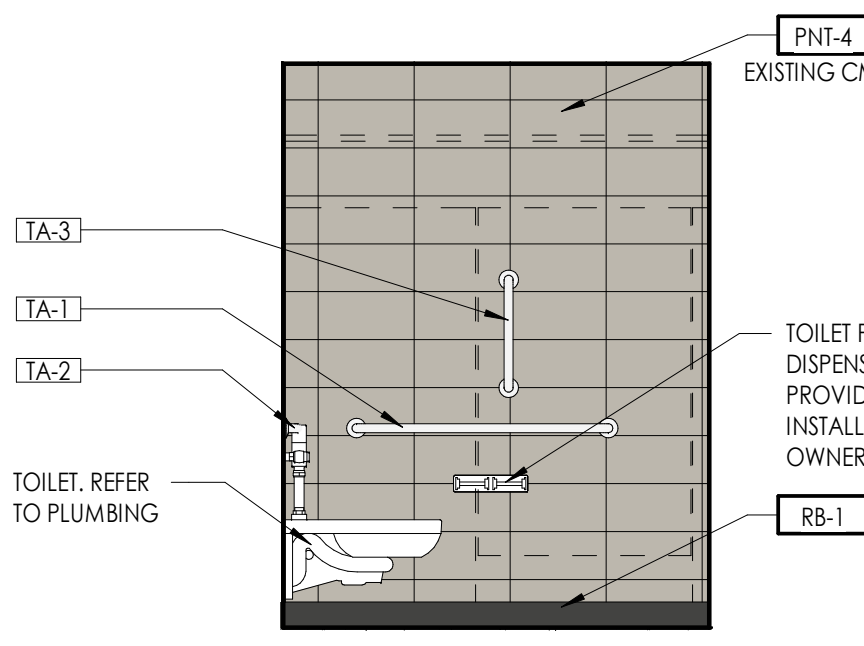
INTERIOR ELEVATIONS

Sheet Number

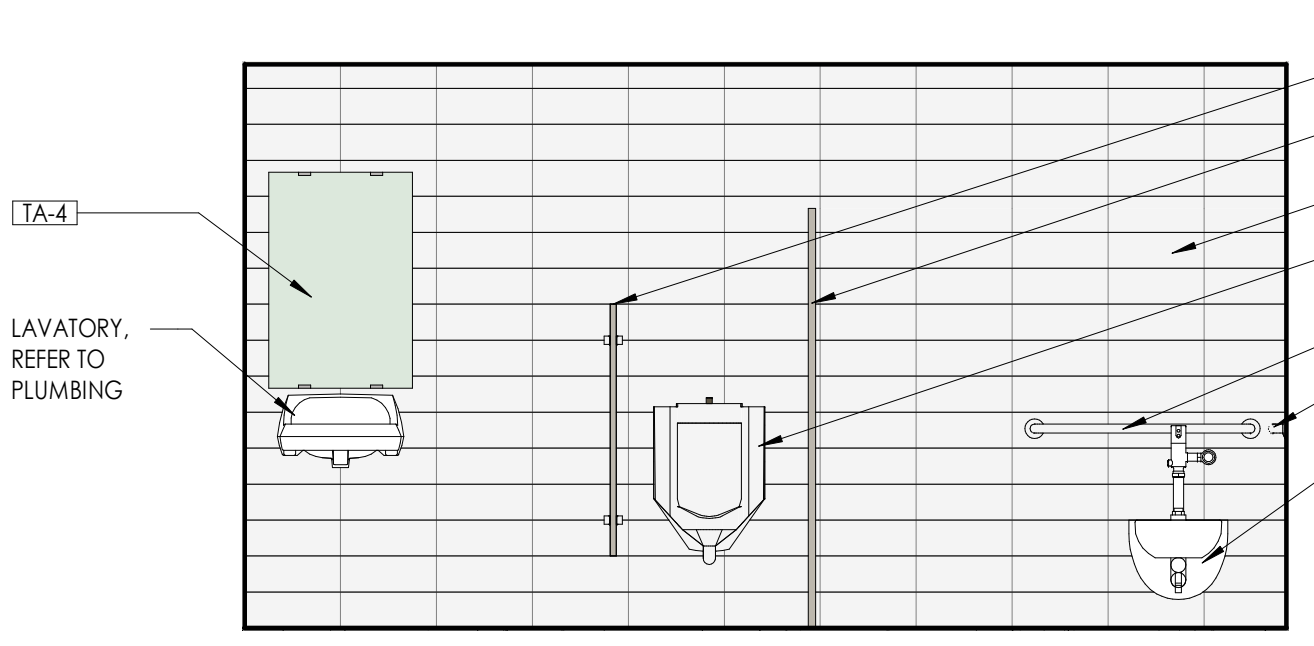
**AE441**

DFCM approval

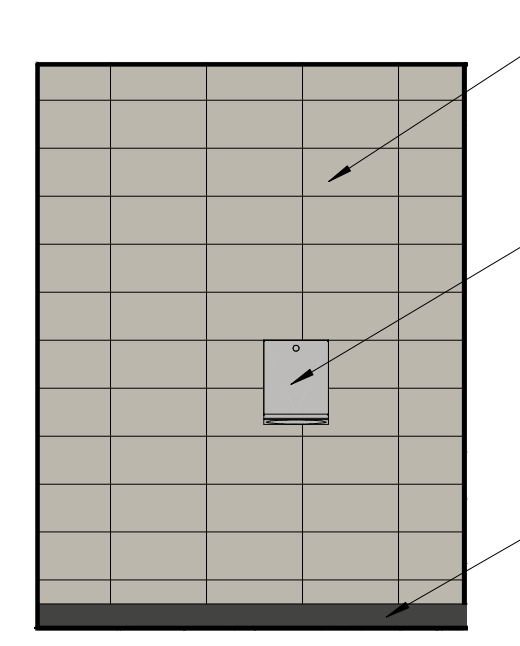
TOILET ACCESSORY SCHEDULE		
MARK	MODEL	PROVIDED BY / INSTALLED BY
TA-1	42" GRAB BAR, BOBRICK, B-6806 SERIES	G.C./G.C.
TA-2	36" GRAB BAR, BOBRICK, B-6806 SERIES	G.C./G.C.
TA-3	18" GRAB BAR, BOBRICK, B-6806 SERIES	G.C./G.C.
TA-4	24" X 36" FRAMELESS MIRROR	G.C./G.C.
TA-5	60" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-6	72" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-7	BRADLEY POWDER COATED - SERIES 400 - SENTINEL RESTROOM PARTITIONS, FLOOR MOUNTED W/ OVERHEAD BRACE, WARM GRAY - 0412	G.C./G.C.
TA-8	BRADLEY POWDER COATED URINAL SCREEN, WALL HUNG W/ CONTINUOUS BRACKETS, WARM GRAY - 0412	G.C./G.C.



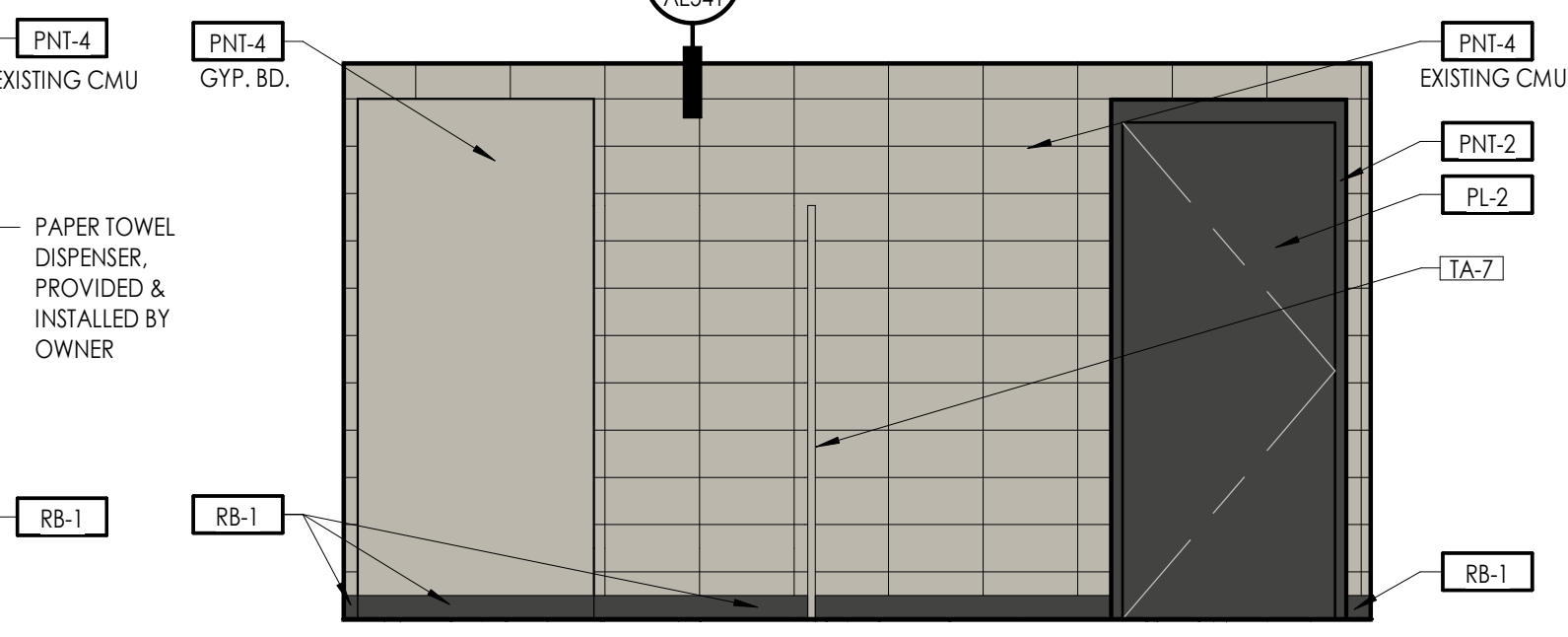
**D1** INTERIOR ELEVATION - MEN'S RESTROOM 116  
3/8" = 1'-0"



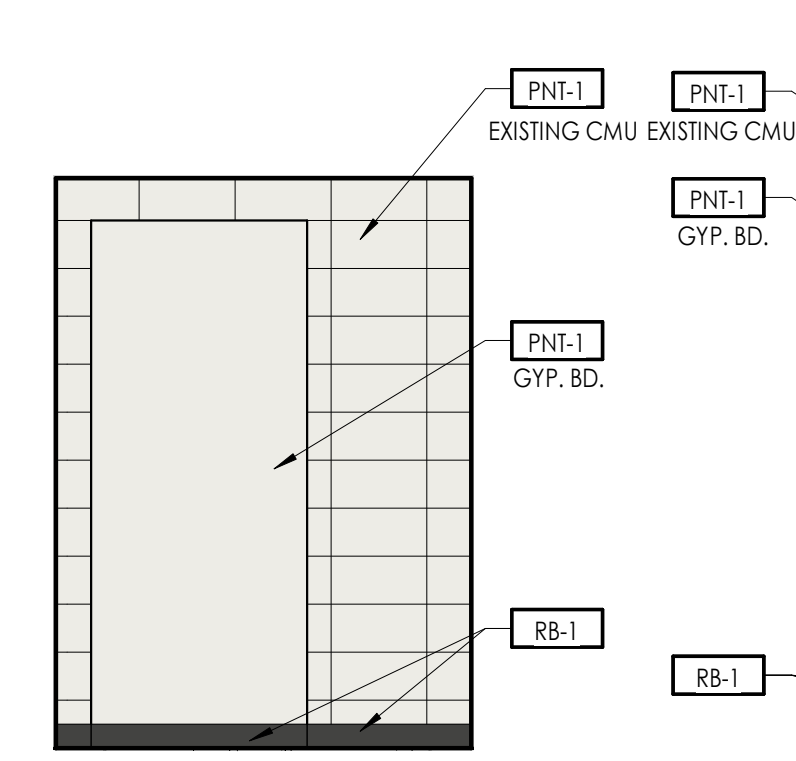
**D2** INTERIOR ELEVATION - MEN'S RESTROOM 116  
3/8" = 1'-0"



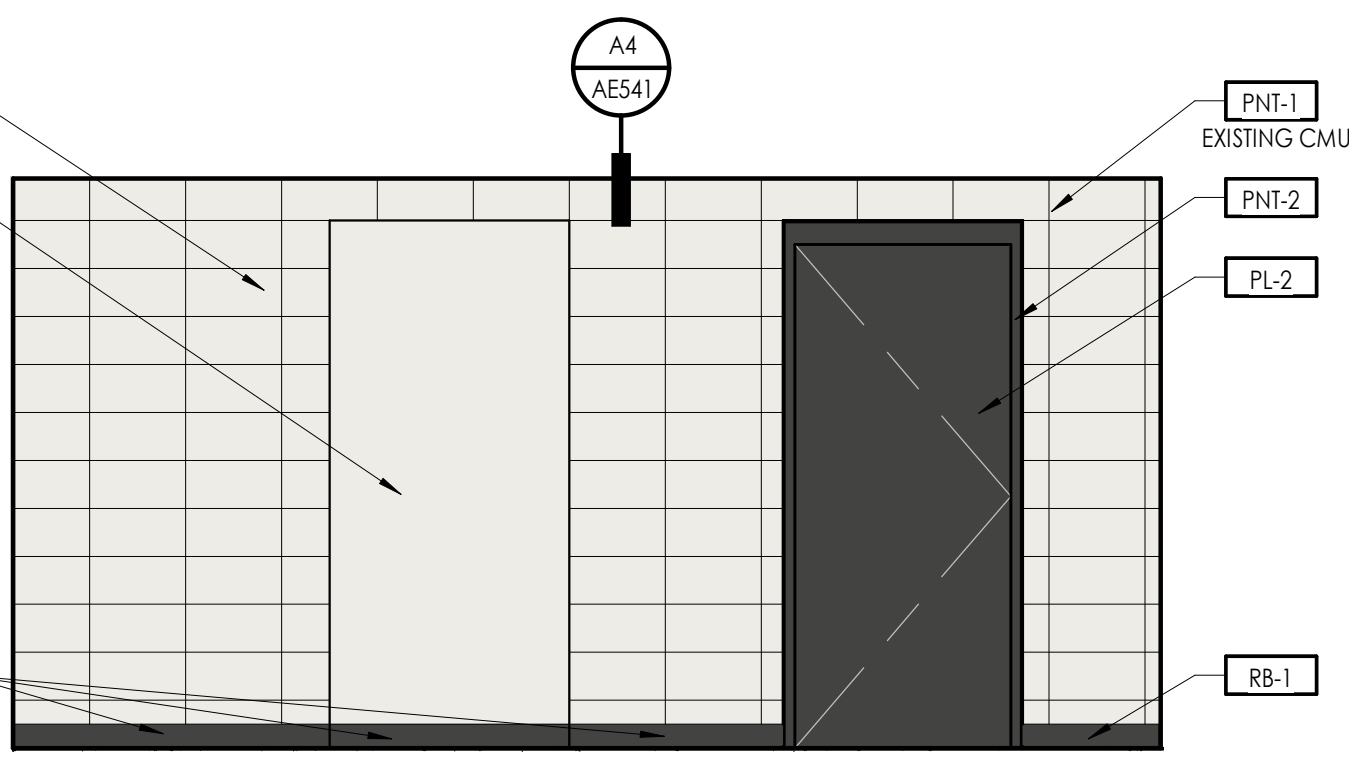
**D3** INTERIOR ELEVATION - MEN'S RESTROOM 116  
3/8" = 1'-0"



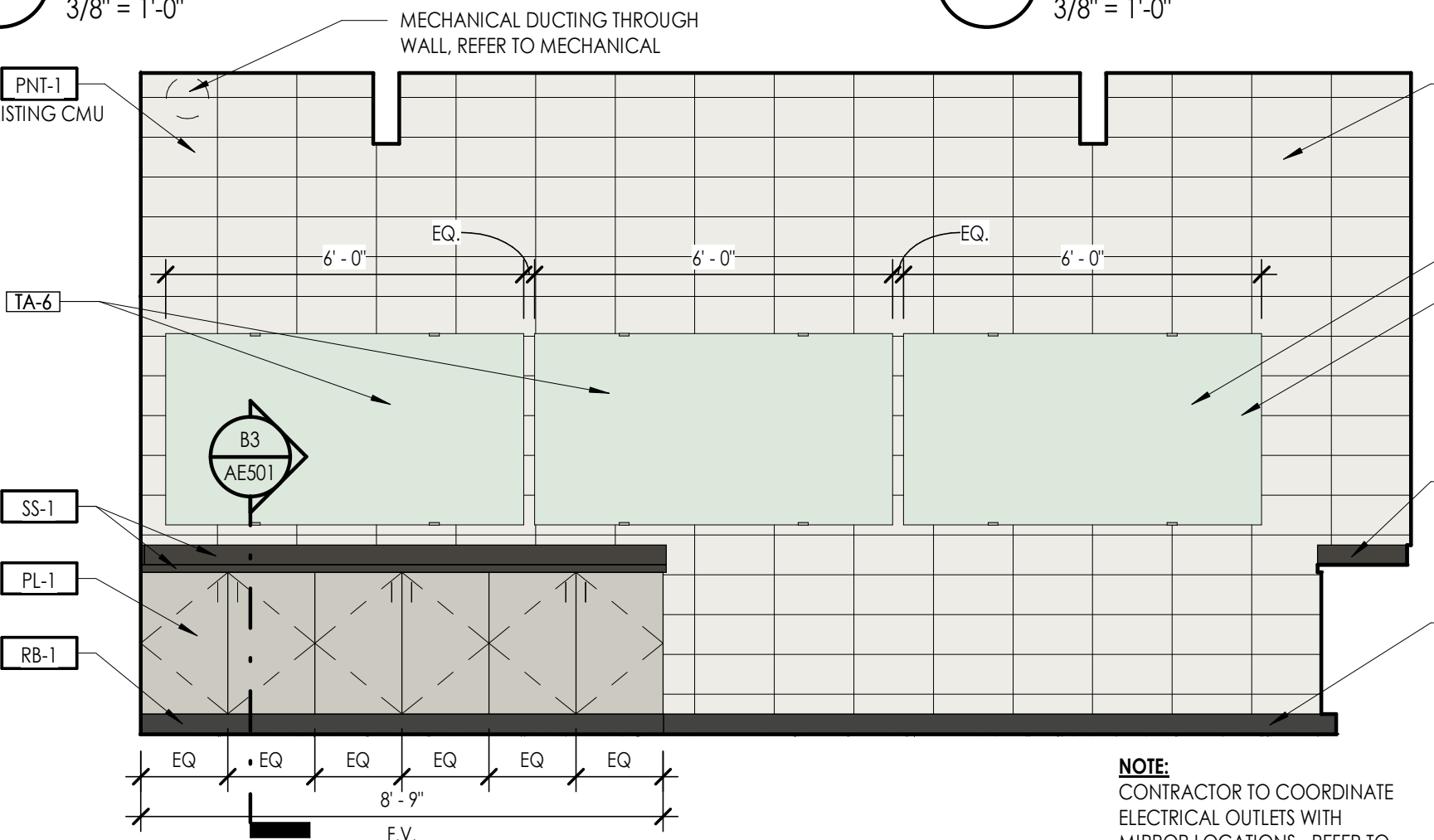
**D4** INTERIOR ELEVATION - MEN'S RESTROOM 116  
3/8" = 1'-0"



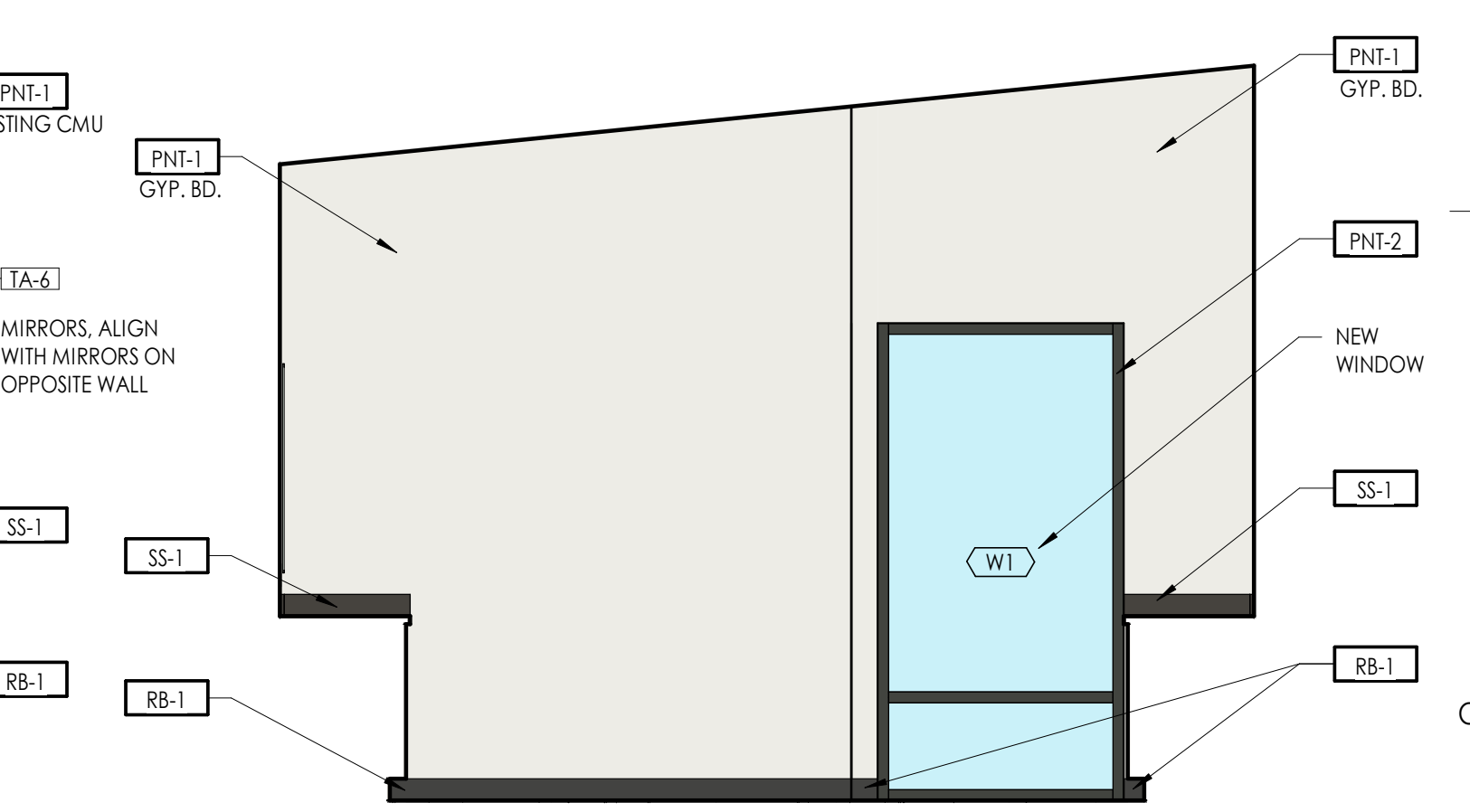
**C1** INTERIOR ELEVATION - JANITOR 109  
3/8" = 1'-0"



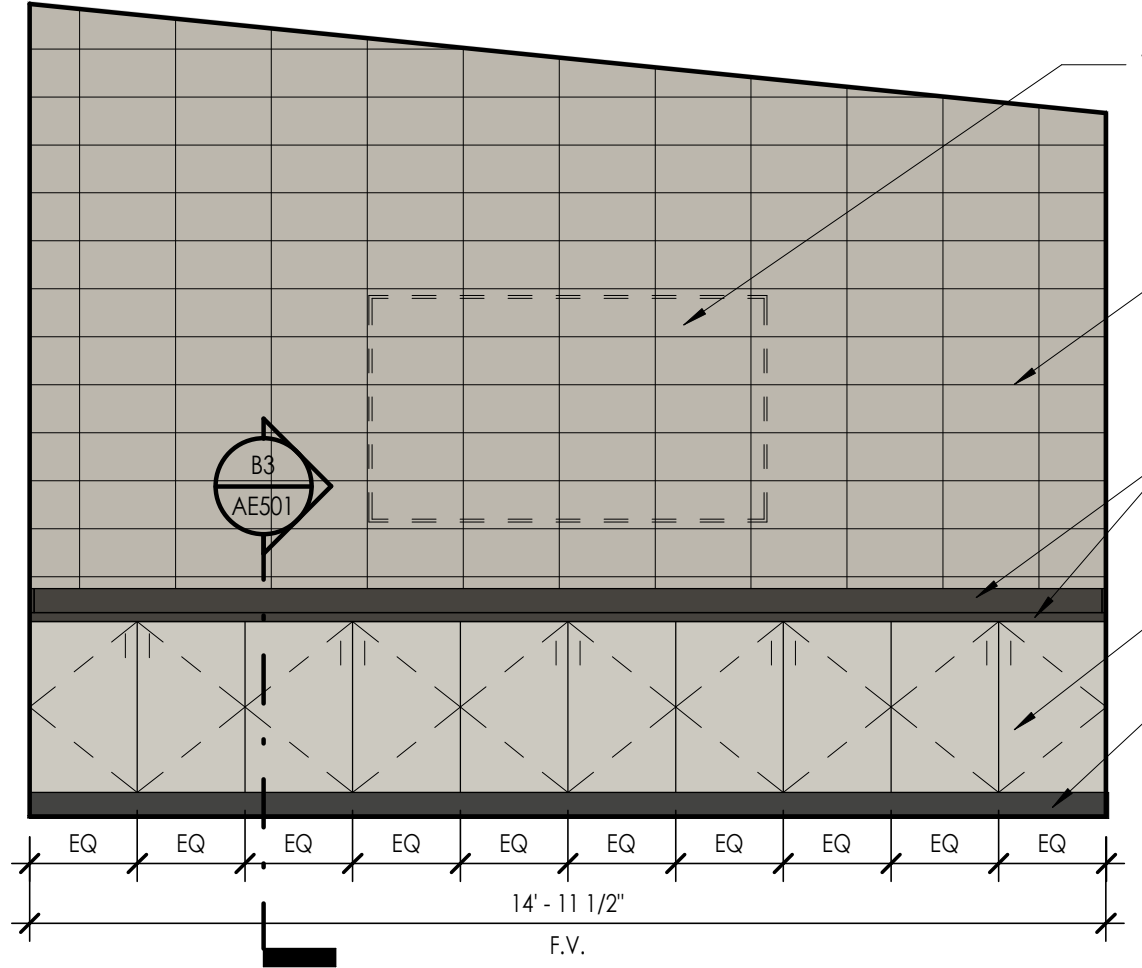
**C2** INTERIOR ELEVATION - JANITOR 109  
3/8" = 1'-0"



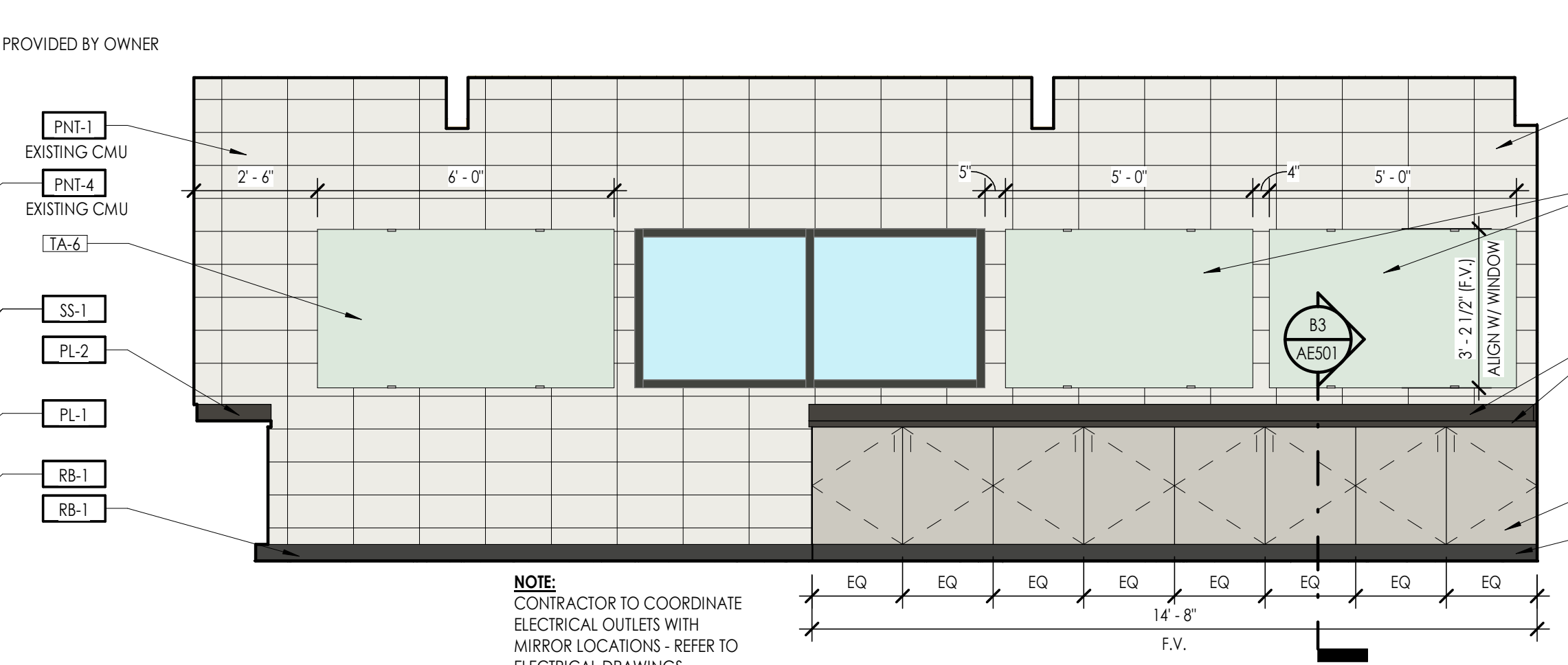
**C3** INTERIOR ELEVATION - BARBERING 119  
3/8" = 1'-0"



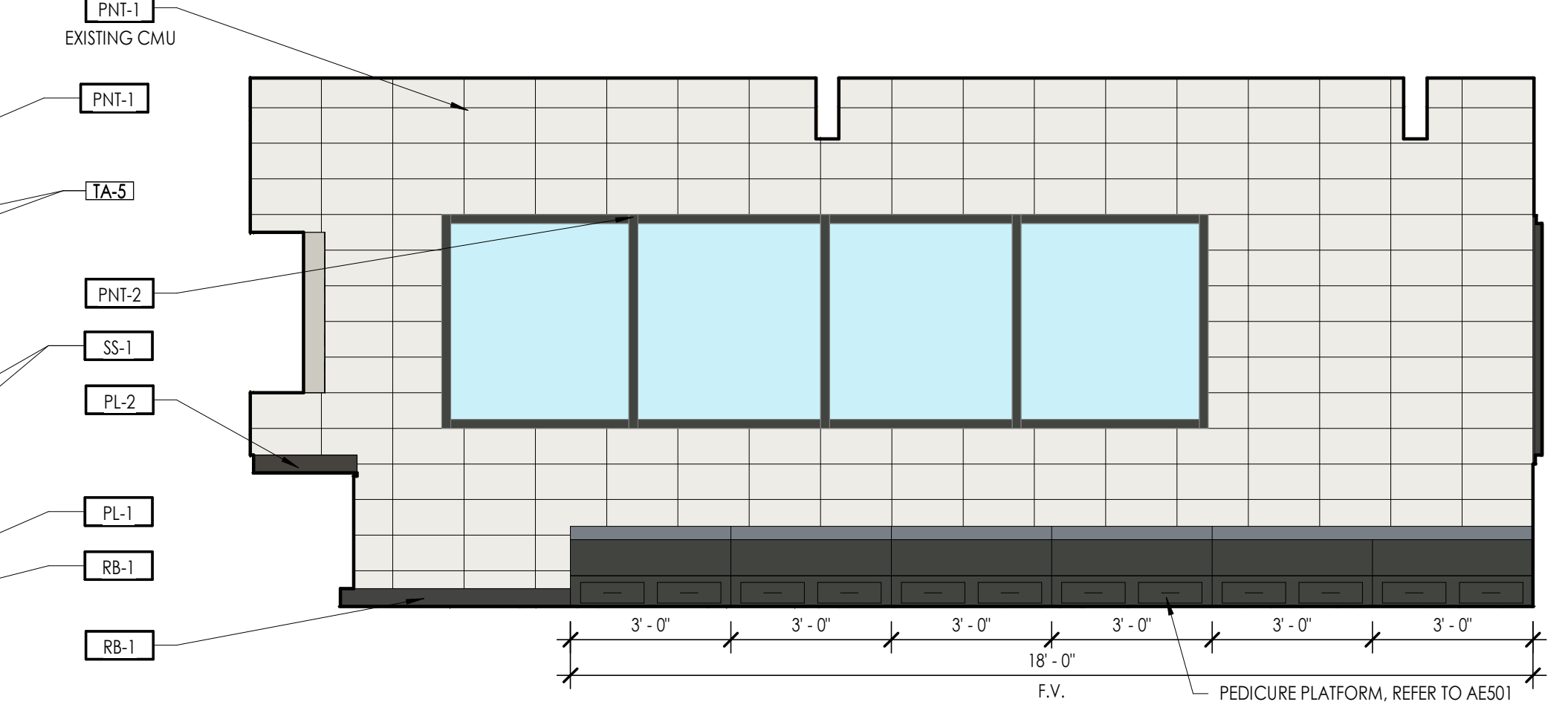
**C5** INTERIOR ELEVATION - BARBERING 119  
3/8" = 1'-0"



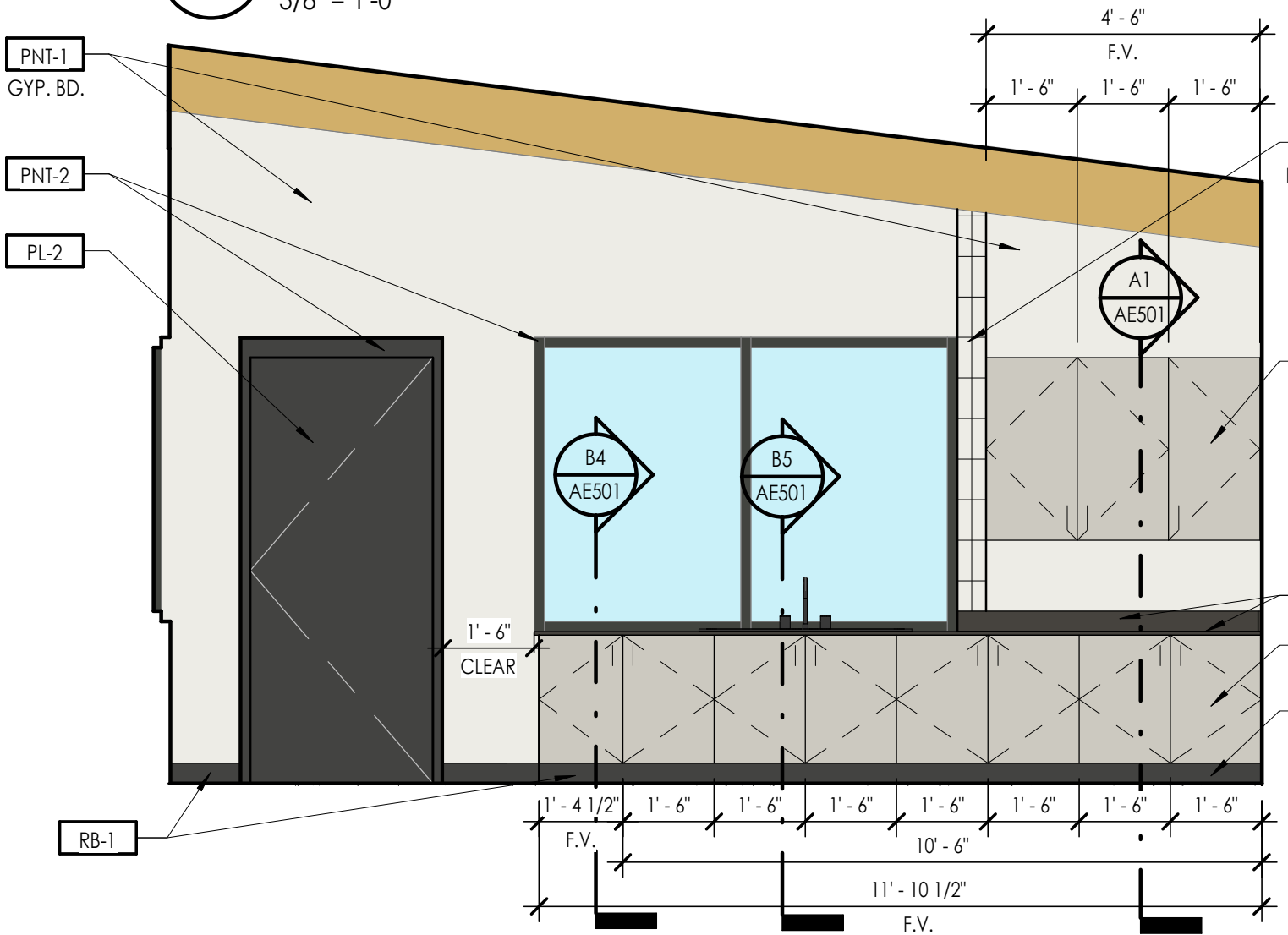
**B1** INTERIOR ELEVATION - BARBERING 119  
3/8" = 1'-0"



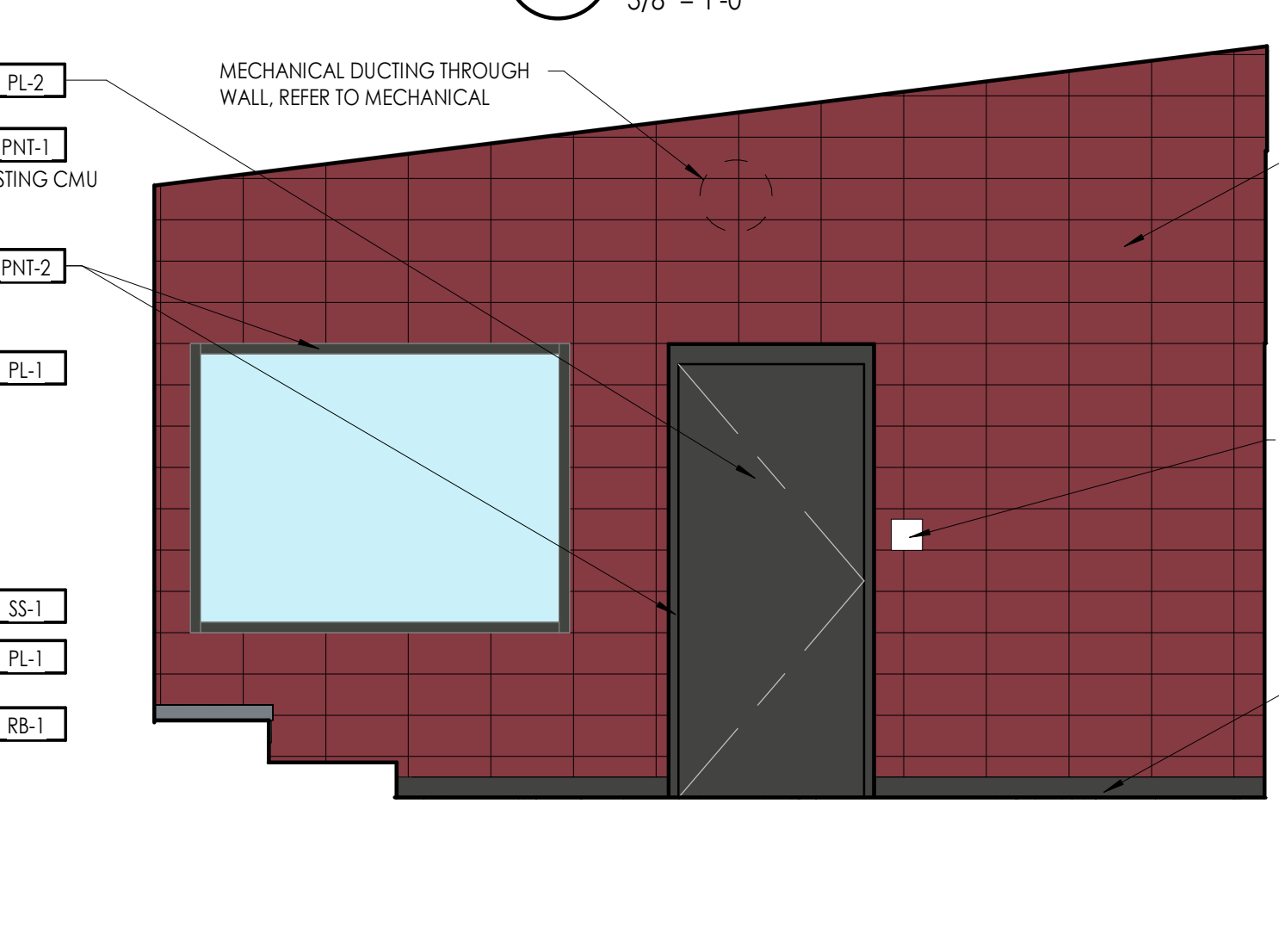
**B3** INTERIOR ELEVATION - BARBERING 119  
3/8" = 1'-0"



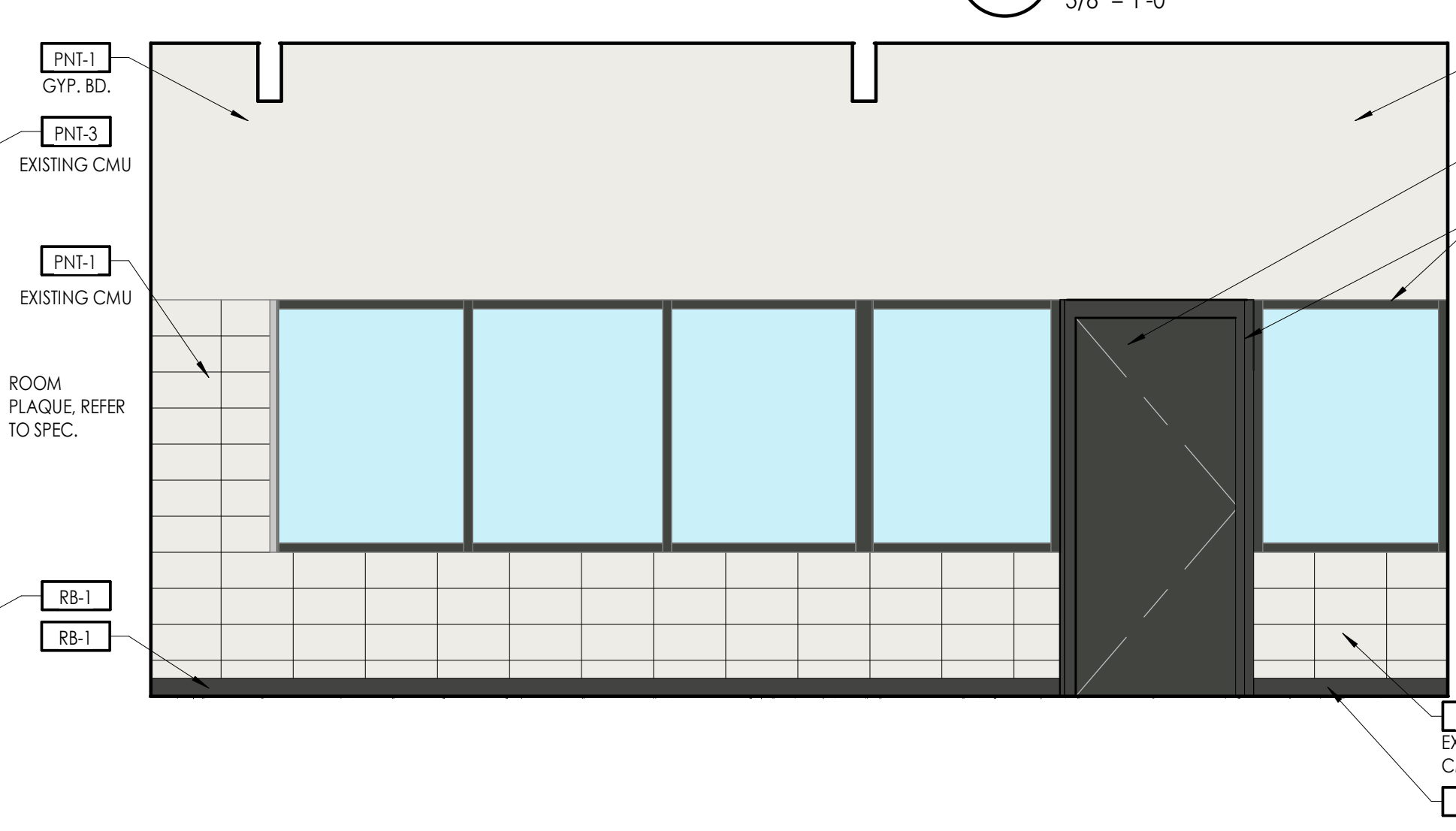
**B5** INTERIOR ELEVATION - MANICURE/PEDICURE 101  
3/8" = 1'-0"



**A1** INTERIOR ELEVATION - MANICURE/PEDICURE 101  
3/8" = 1'-0"



**A2** INTERIOR ELEVATION - MANICURE/PEDICURE 101  
3/8" = 1'-0"



**A4** INTERIOR ELEVATION - MANICURE/PEDICURE 101  
3/8" = 1'-0"

Consultant

**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

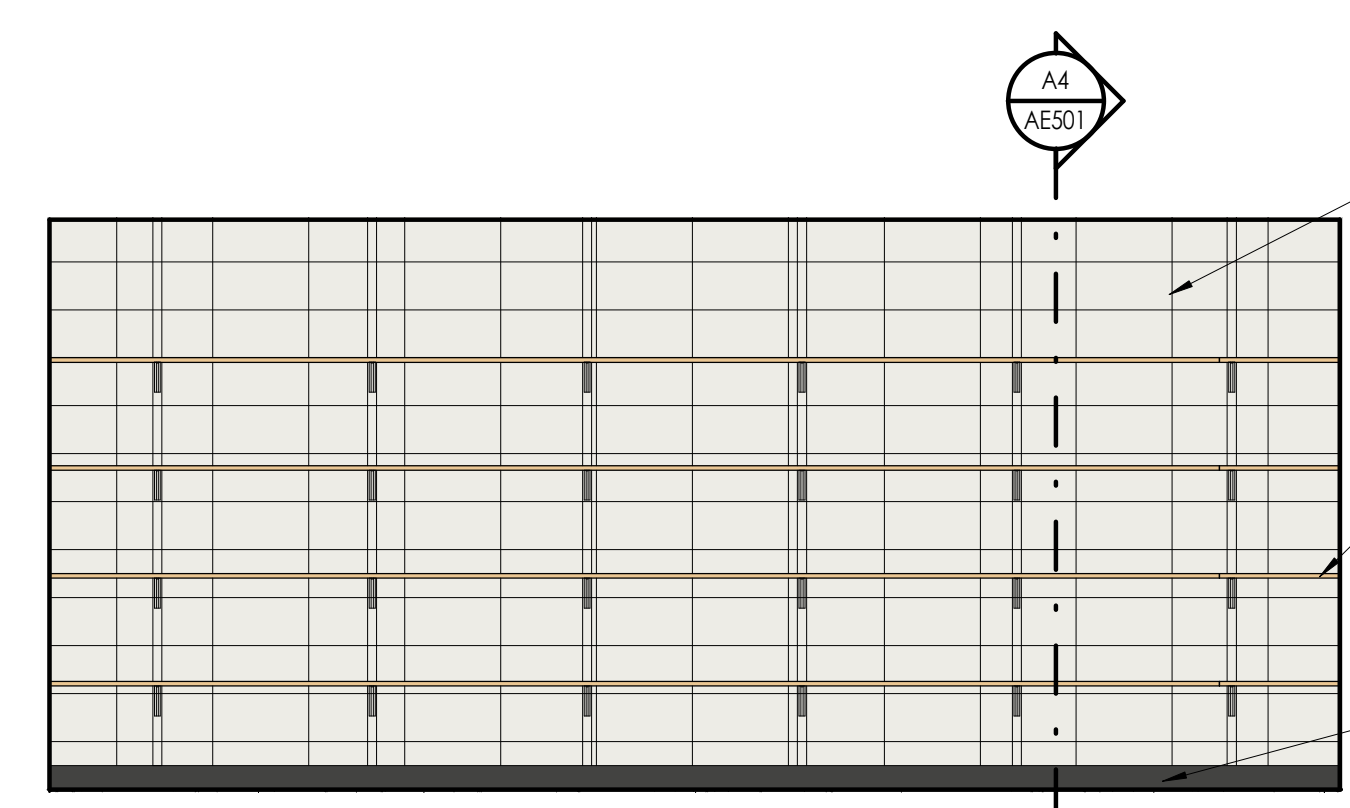
INTERIOR ELEVATIONS

Sheet Number

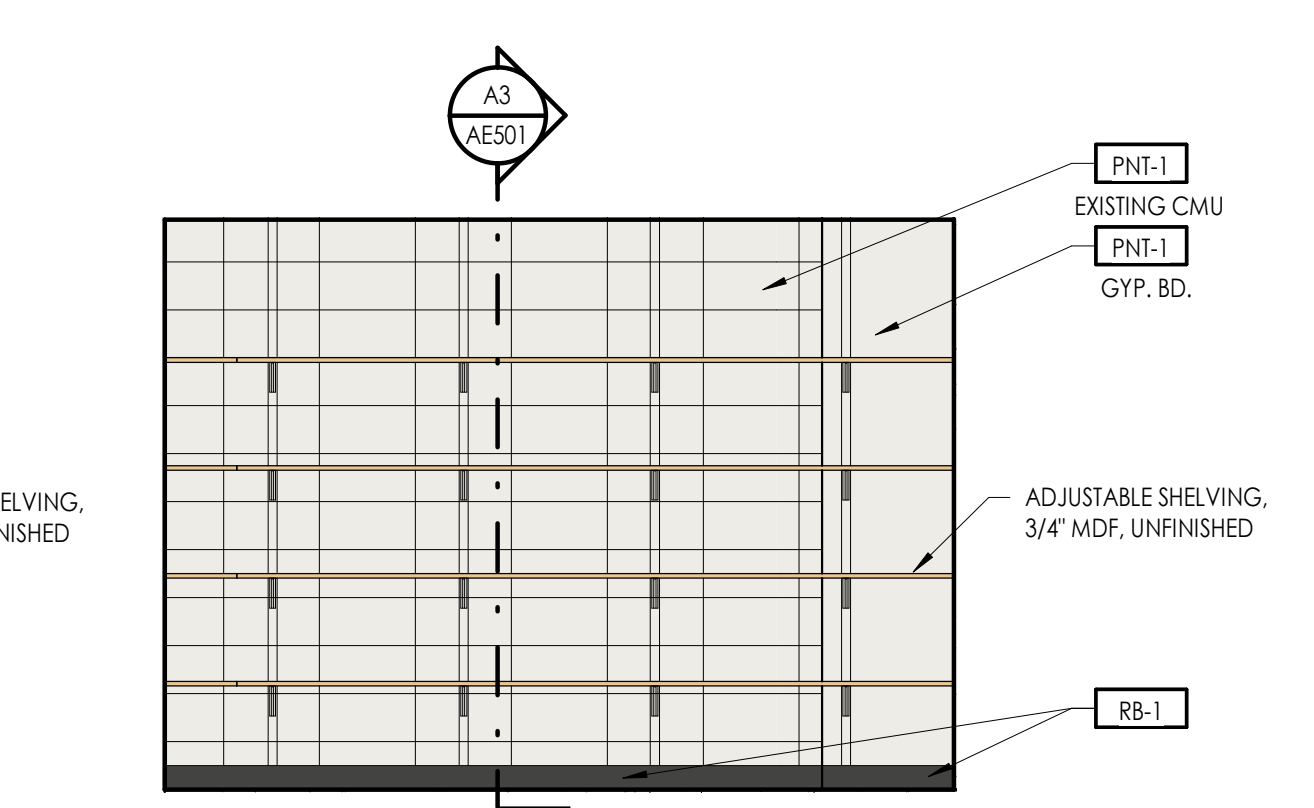
**AE442**

DFCM approval

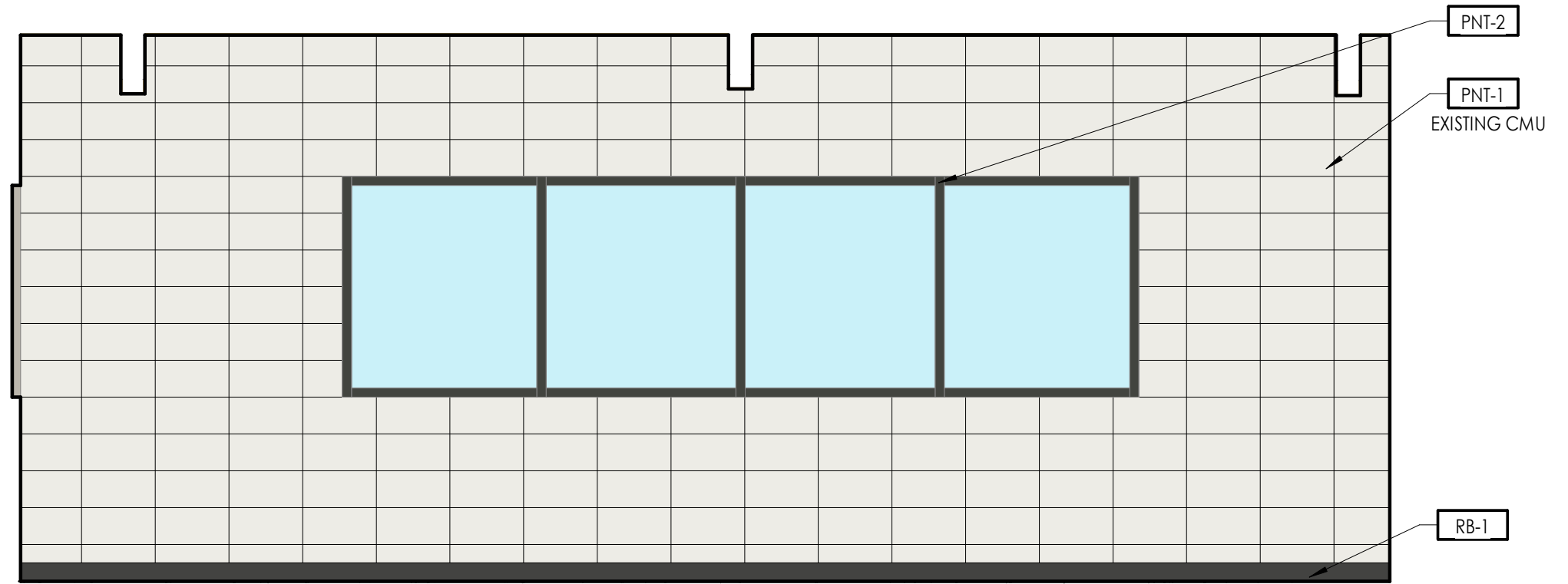
TOILET ACCESSORY SCHEDULE		
MARK	MODEL	PROVIDED BY / INSTALLED BY
TA-1	42" GRAB BAR, BOBRICK, B-6806 SERIES	G.C./G.C.
TA-2	36" GRAB BAR, BOBRICK B-6806 SERIES	G.C./G.C.
TA-3	18" GRAB BAR, BOBRICK B-6806 SERIES	G.C./G.C.
TA-4	24" X 36" FRAMELESS MIRROR	G.C./G.C.
TA-5	60" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-6	72" X 38.5" FRAMELESS MIRROR	G.C./G.C.
TA-7	BRADLEY POWDER COATED - SERIES 400 - SENTINEL RESTROOM PARTITIONS, FLOOR-MOUNTED W/ OVERHEAD BRACE, WARM GRAY - 0412	G.C./G.C.
TA-8	BRADLEY POWDER COATED URINAL SCREEN, WALL HUNG W/ CONTINUOUS BRACKETS, WARM GRAY - 0412	G.C./G.C.



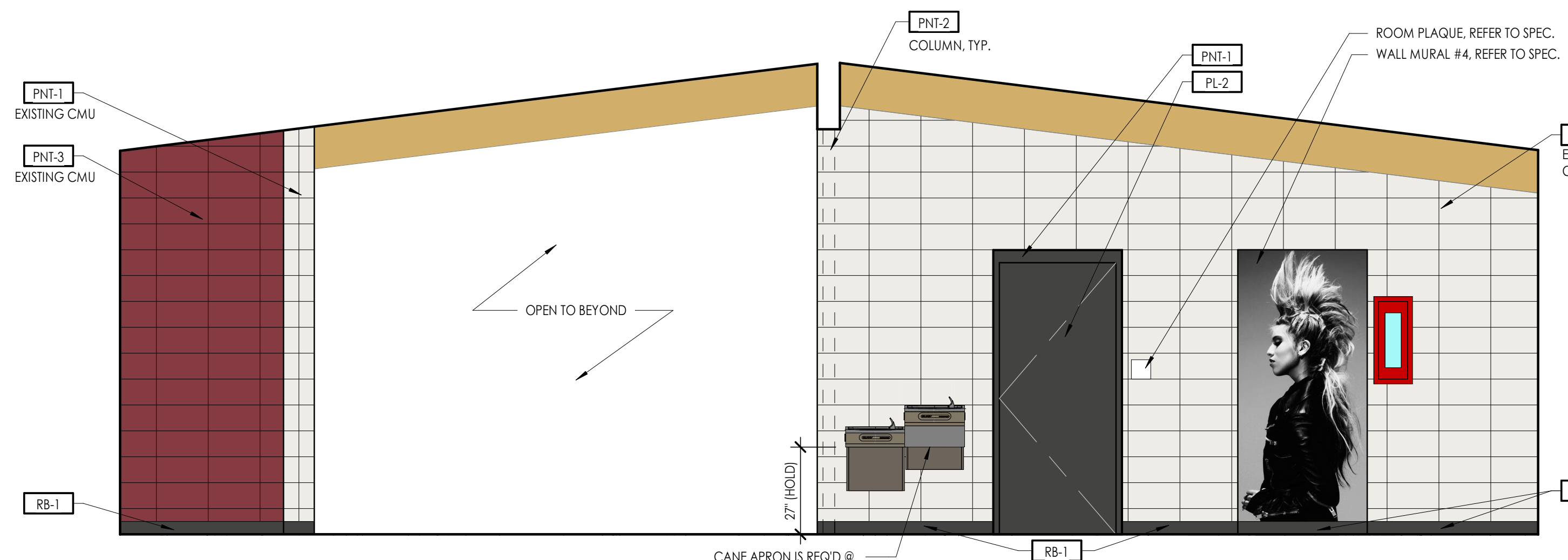
D1 INTERIOR ELEVATION - STORAGE 111  
3/8" = 1'-0"



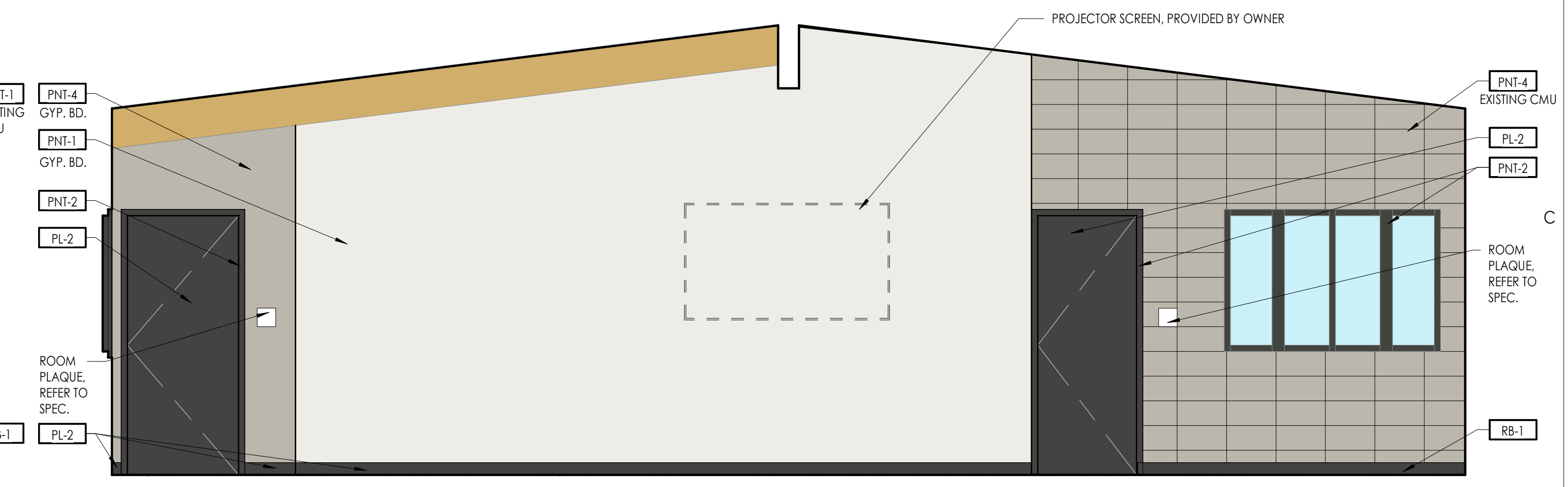
D2 INTERIOR ELEVATION - STORAGE 111  
3/8" = 1'-0"



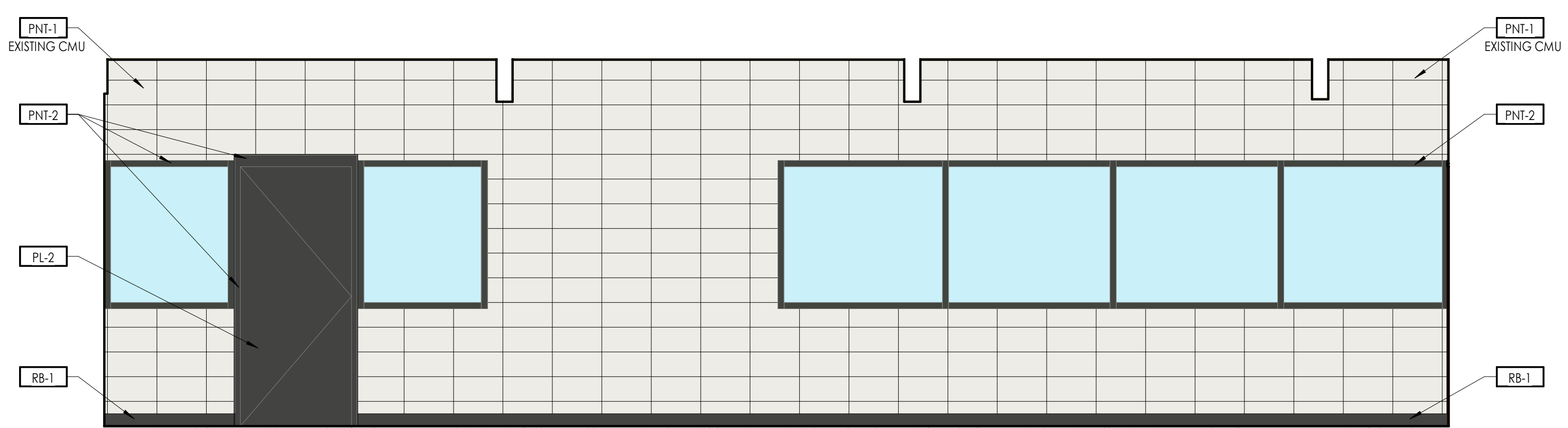
D3 INTERIOR ELEVATION - THEORY 110  
3/8" = 1'-0"



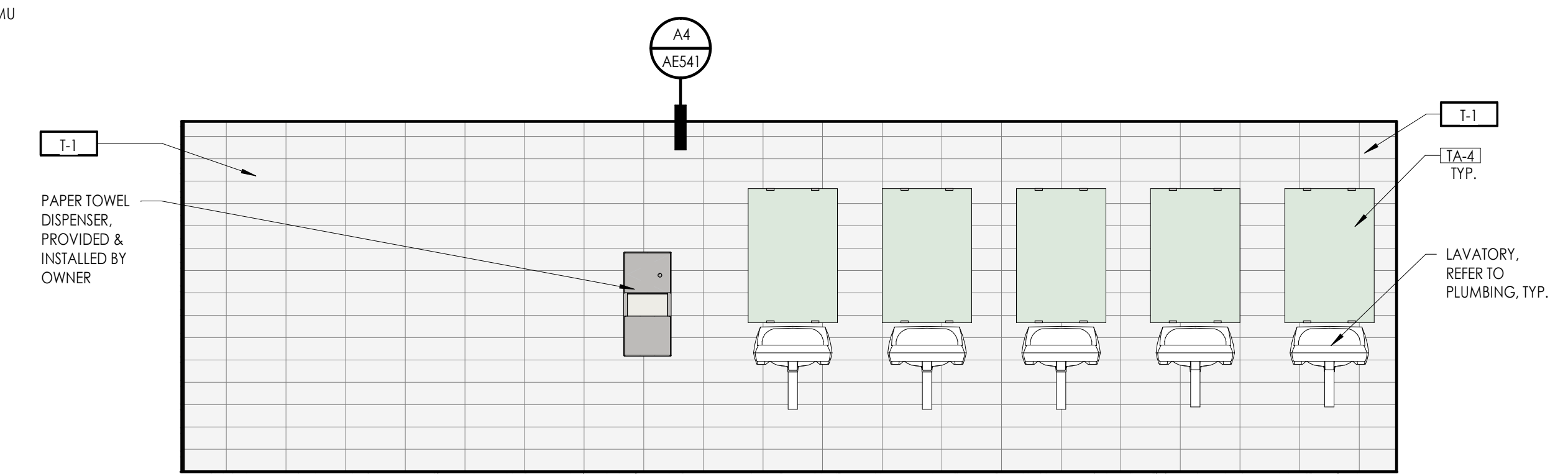
C1 INTERIOR ELEVATION - THEORY 110  
3/8" = 1'-0"



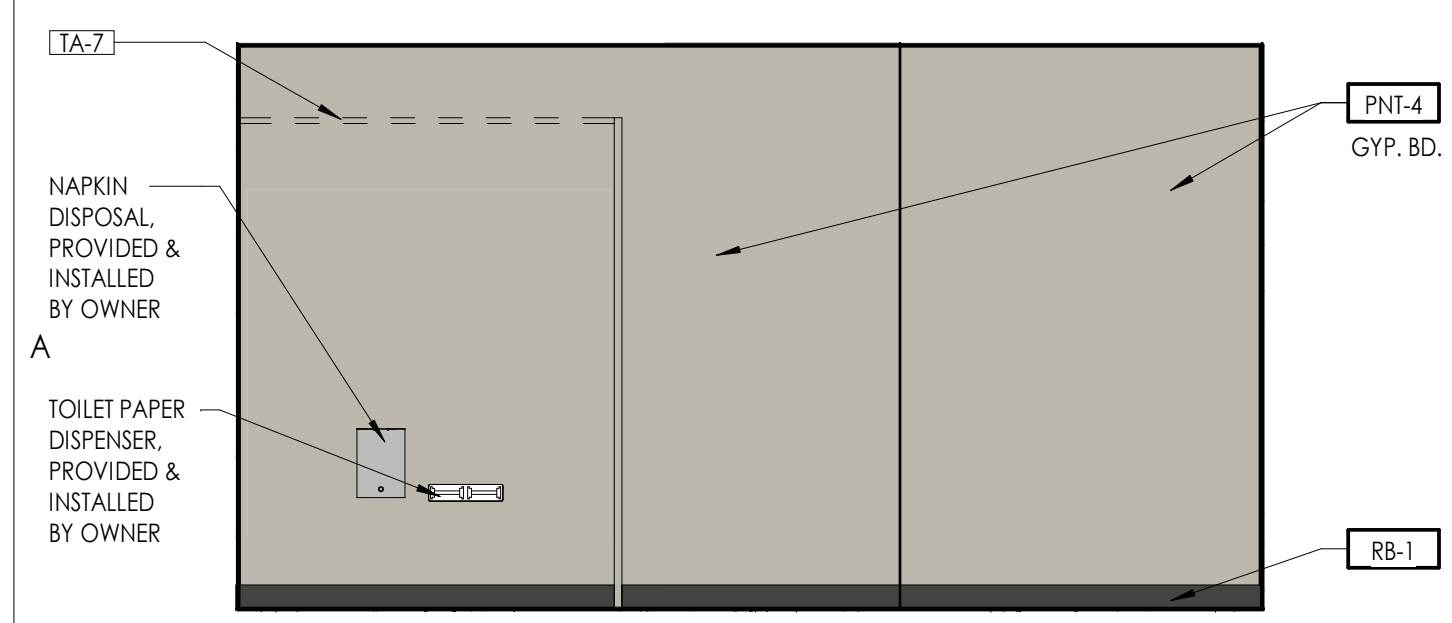
C4 INTERIOR ELEVATION - THEORY 110  
3/8" = 1'-0"



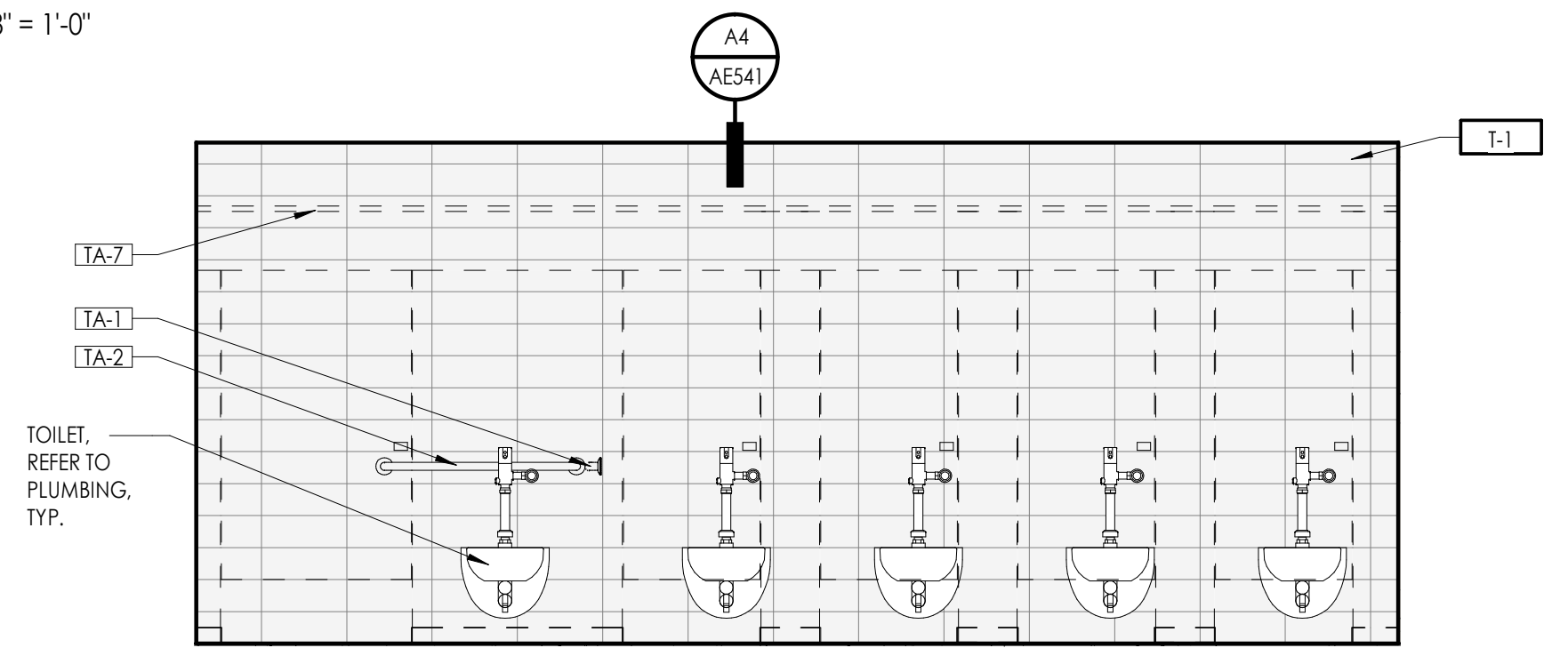
B1 INTERIOR ELEVATION - THEORY 110  
3/8" = 1'-0"



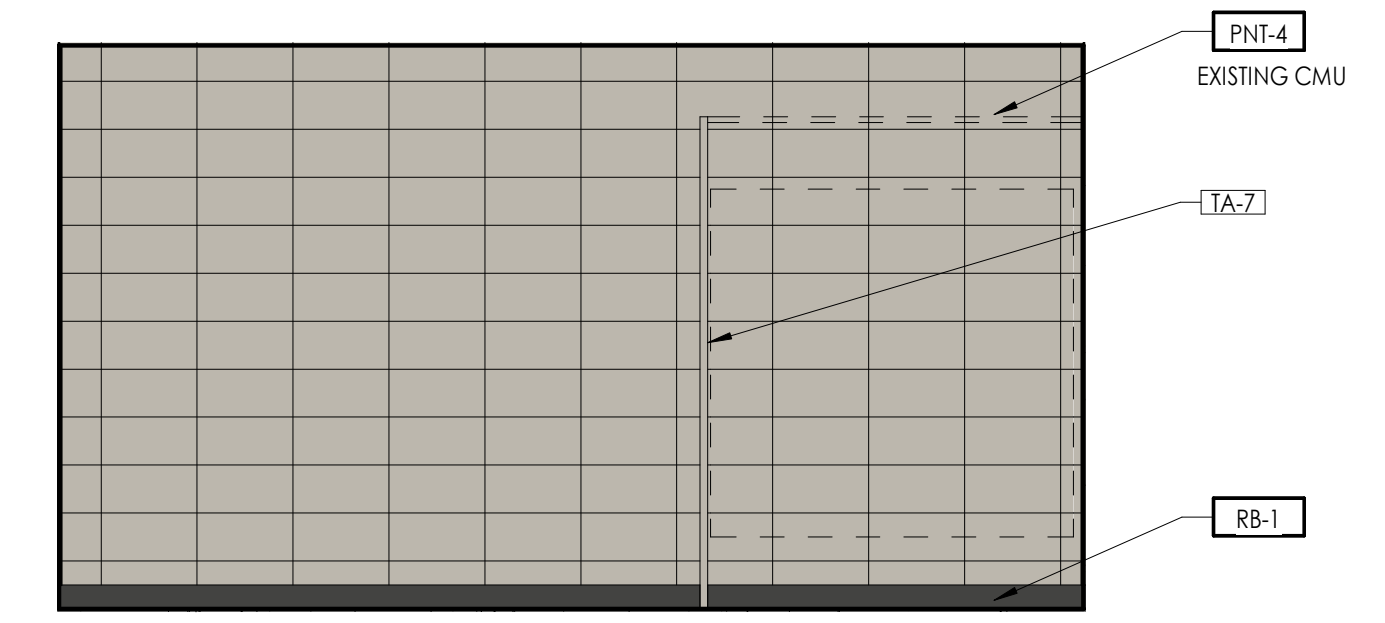
B5 INTERIOR ELEVATION - WOMEN'S RESTROOM 114  
3/8" = 1'-0"



A1 INTERIOR ELEVATION - WOMEN'S RESTROOM 114  
3/8" = 1'-0"



A2 INTERIOR ELEVATION - WOMEN'S RESTROOM 114  
3/8" = 1'-0"



A4 INTERIOR ELEVATION - WOMEN'S RESTROOM 114  
3/8" = 1'-0"

Seal

Consultant

OWTC COSMETOLOGY  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

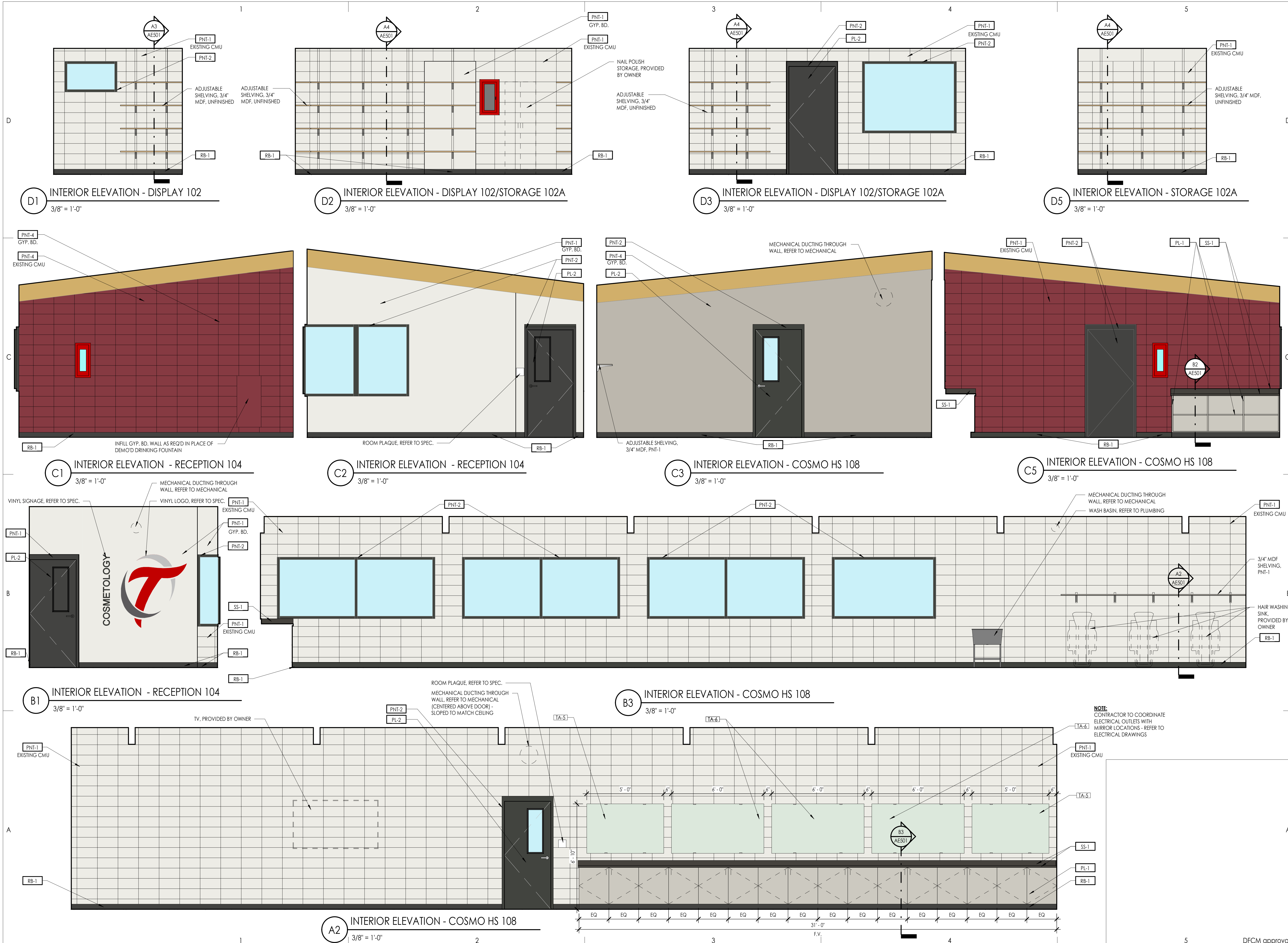
DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

INTERIOR ELEVATIONS

Sheet Number

AE443

DFCM approval



Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

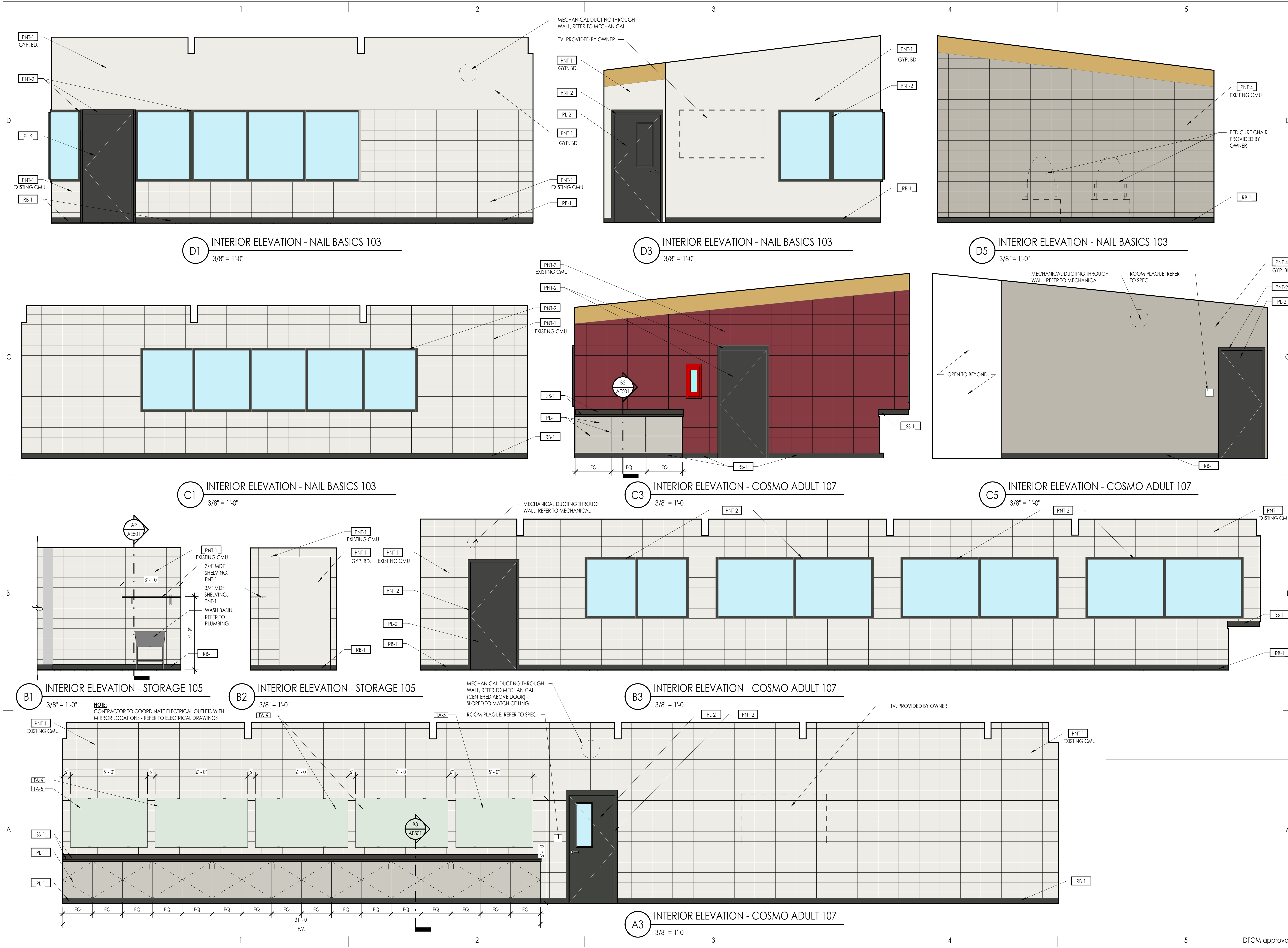
INTERIOR ELEVATIONS

Sheet Number

**AE444**

DFCM approval





Consultant

**OWTC COSMETOLOGY**  
 REMODEL  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued	No.	Date	Description
A	07/11/2019		DFCM REVIEW & BIDDING

Revision	No.	Date	Description

DFCM Project No. 20228240  
 SAA Project No. 219008  
 Drawing Title

INTERIOR ELEVATIONS

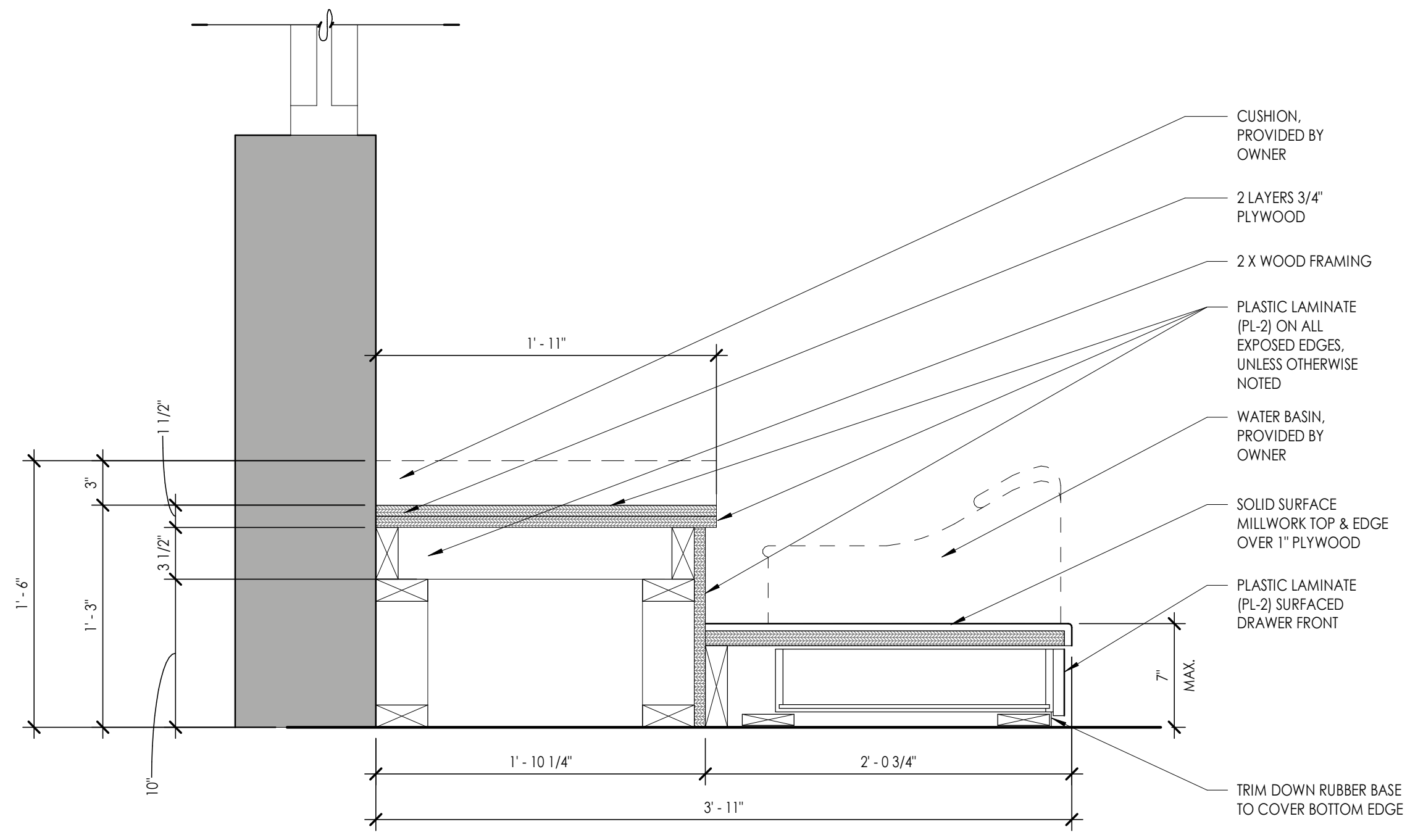
Sheet Number

**AE445**

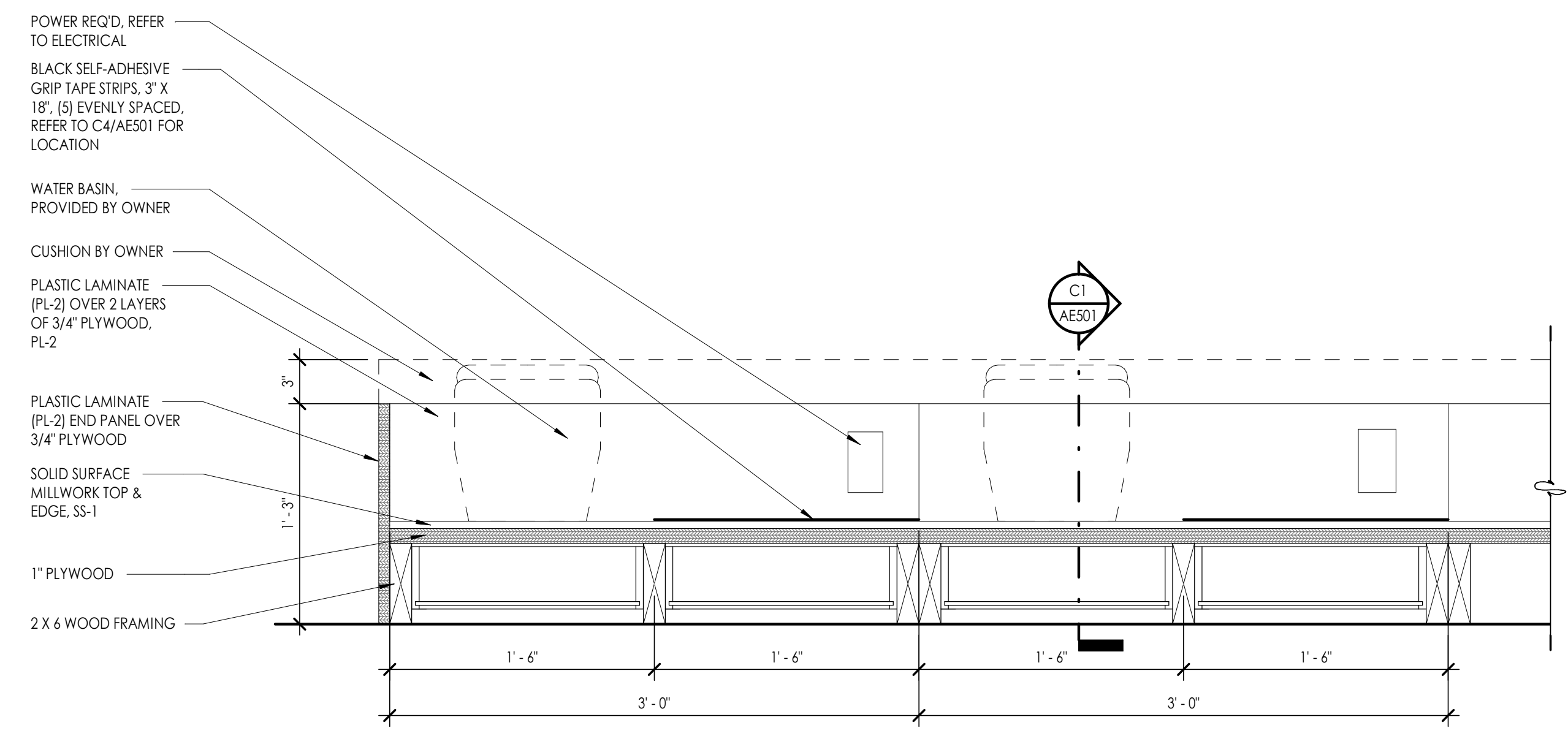
DFCM approval

**GENERAL MILLWORK NOTES**

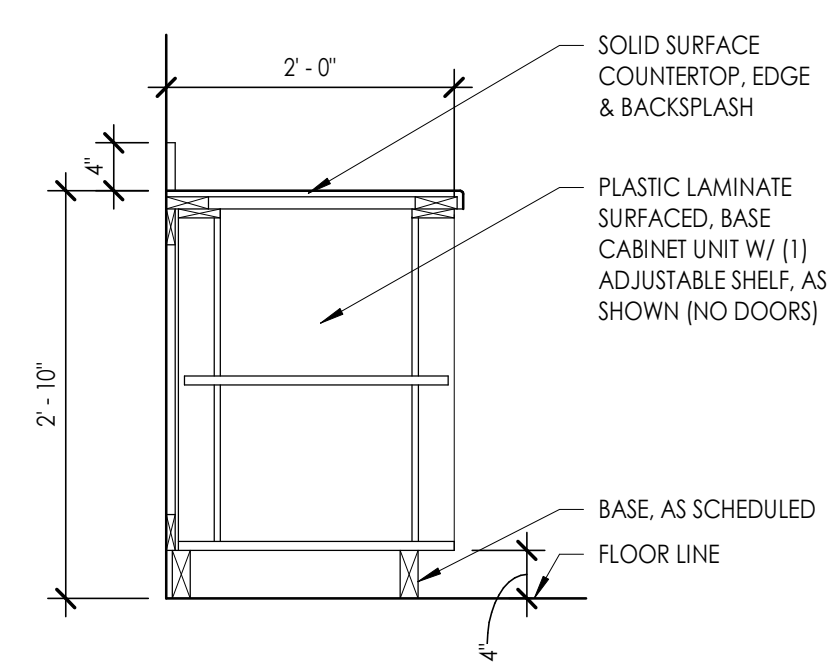
- GENERAL NOTE: WALL MOUNTED MECHANICAL AND ELECTRICAL DEVICES, SUCH AS : BUT NOT LIMITED TO : POWER, DATA, AV OUTLETS, HORNSTROBE, SWITCHES, CO2 SENSORS, AND THERMOSTATS, ARE TO BE INSTALLED AS LOCATED ON THE ARCHITECTURAL ELEVATIONS. MECHANICAL AND ELECTRICAL CONTRACTORS ARE TO COORDINATE WITH STUD FRAMING PRIOR TO ROUGH-IN TO ENSURE PRECISE LOCATIONS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR TYPE AND QUANTITY. WHERE NOT INDICATED REFER TO ADA MOUNTING HEIGHTS FOR MOUNTING LOCATION GUIDELINES.
1. ALL MILL WORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP.
  2. CABINET DEPTHS IS MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE)
  3. PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE
  4. PROVIDE GROMMET WHERE "G" IS LABELED ON PLANS OR ELEVATIONS
  5. ALL COUNTERTOPS AT SINK LOCATIONS TO HAVE A 4" BACKSPASH, UNLESS NOTED OTHERWISE TO MATCH COUNTERTOP. ON BACK SIDE WALLS PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACES AT AN ANGLE TO ADJACENT WALL
  7. ALL MILLWORK TO BE FINISHED ON ENDS, TYP.
  8. CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACK BOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES ETC., NOTE: ONLY 2X WOOD BLOCKING ACCEPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS
  9. REFER TO SPECIFICATIONS FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK
  10. GLASS ATTACHED TO THE MILLWORK CABINETS AND COUNTERS IS TO BE PROVIDED BY THE MILLWORK CONTRACTOR.



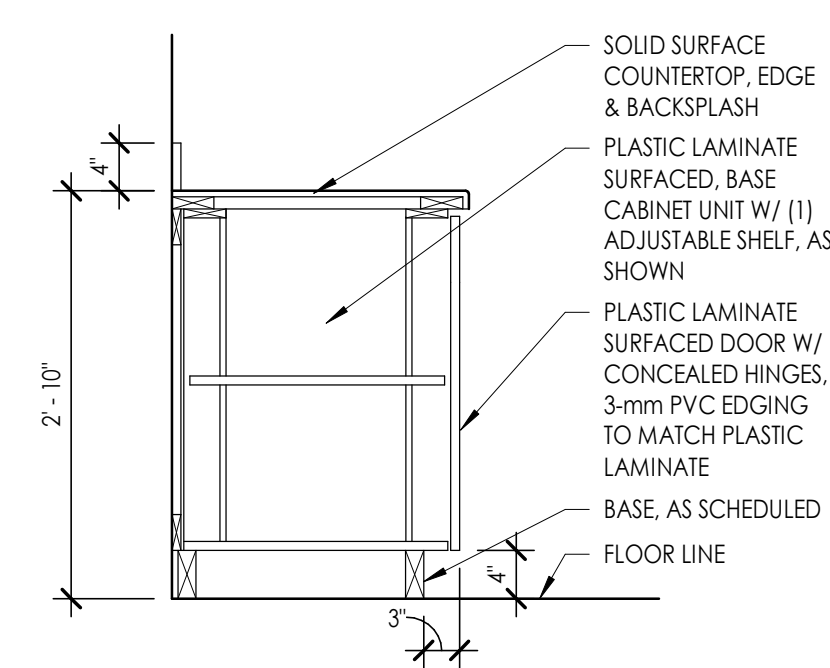
**C1 PEDICURE BENCH SECTION**  
 1 1/2" = 1'-0"



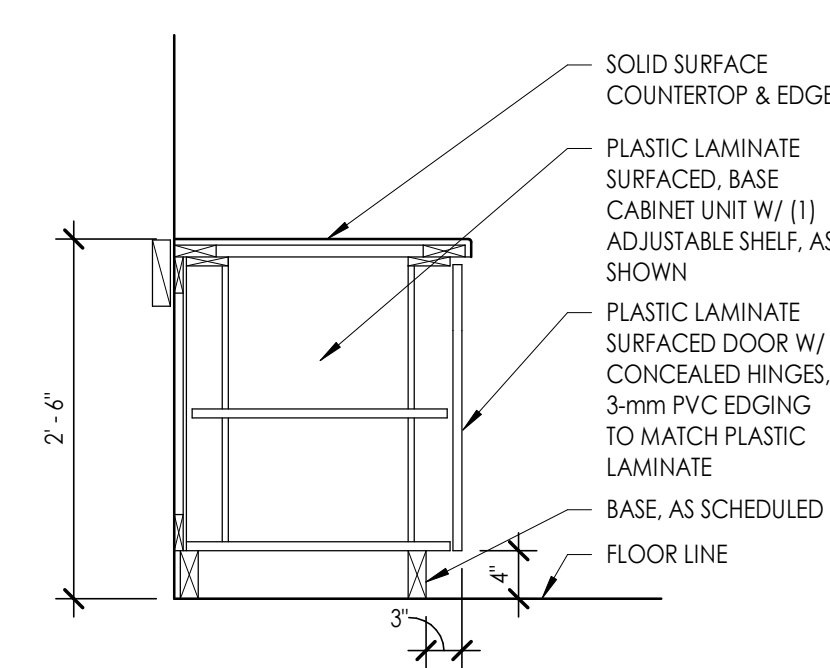
**C4 PEDICURE BENCH SECTION**  
 1 1/2" = 1'-0"



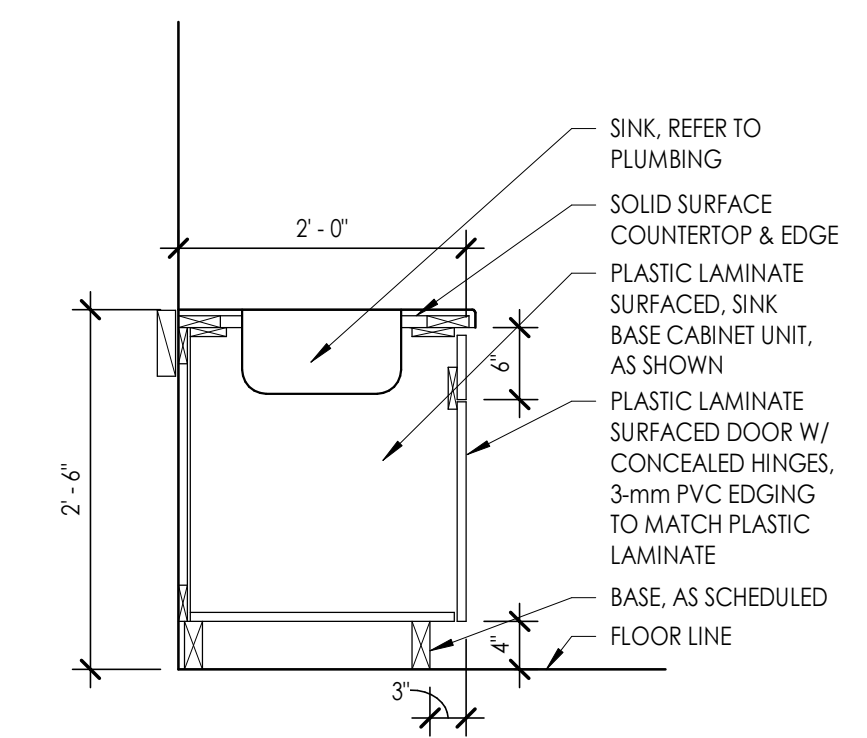
**B2 CASEWORK SECTION**  
 3/4" = 1'-0"



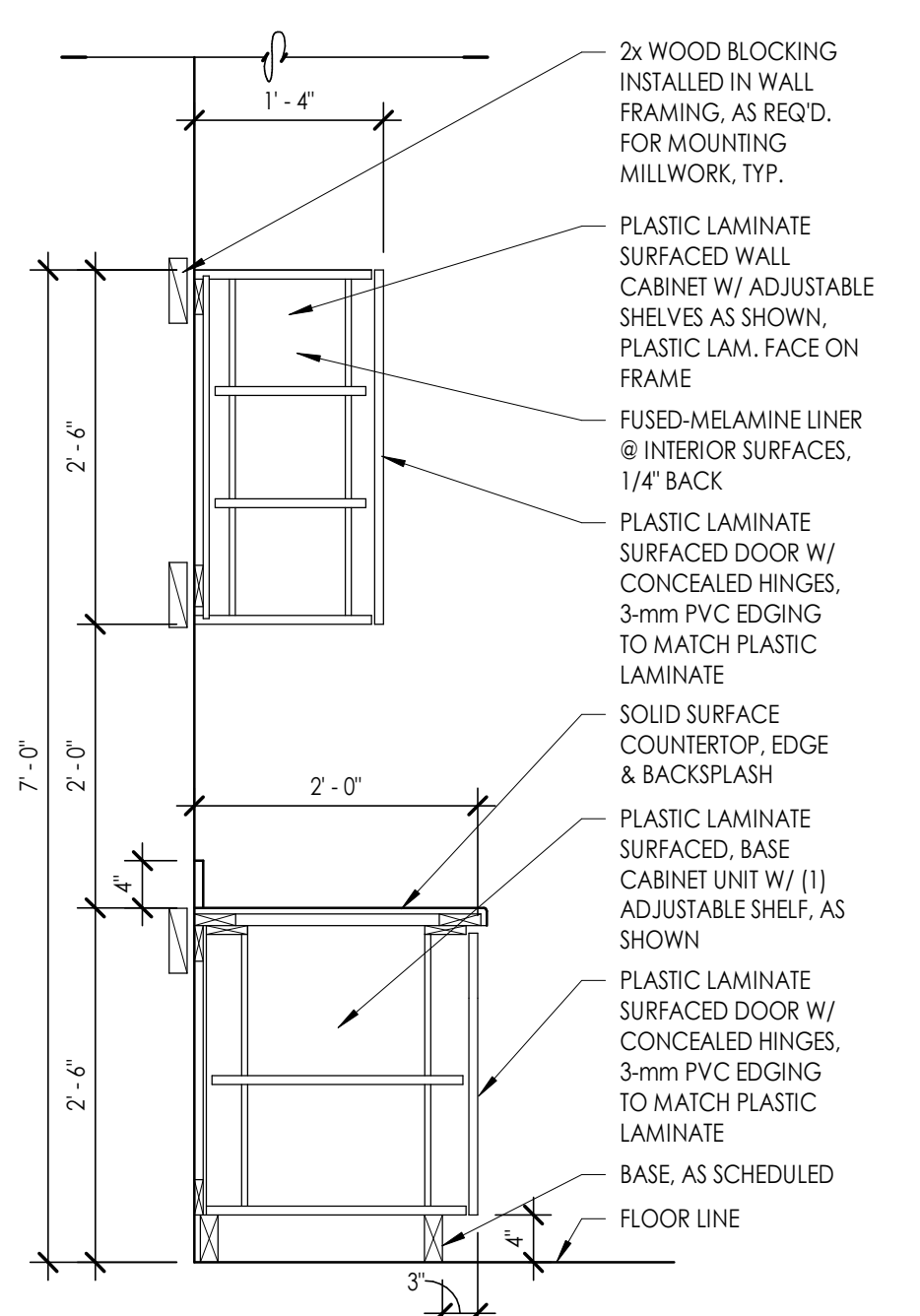
**B3 CASEWORK SECTION**  
 3/4" = 1'-0"



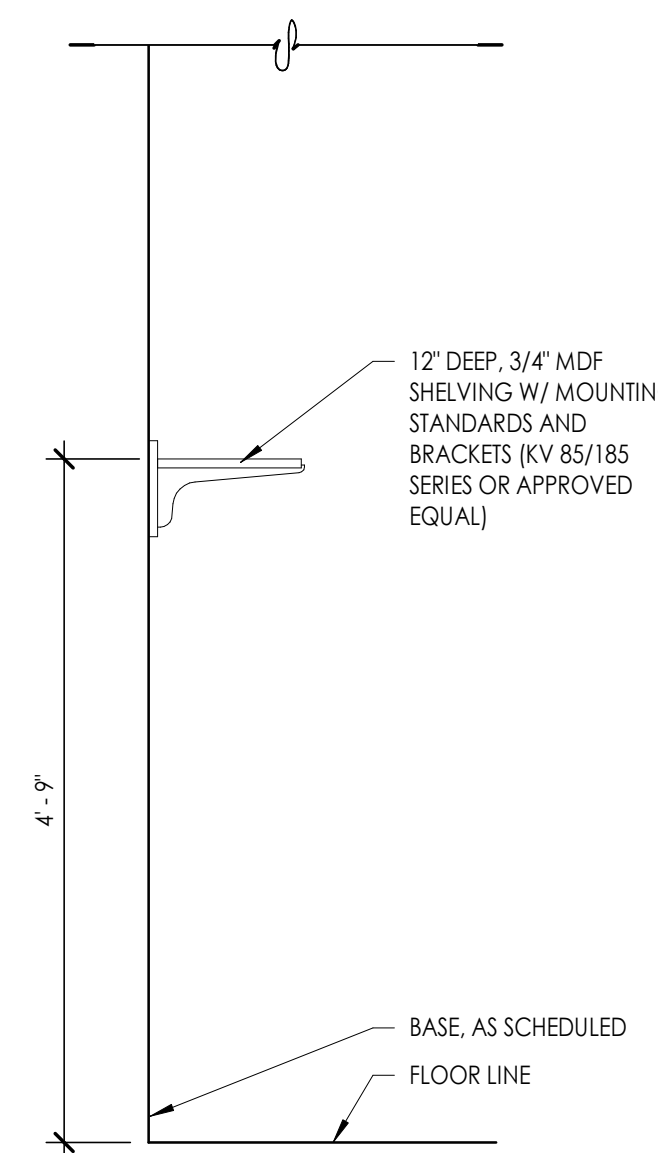
**B4 CASEWORK SECTION**  
 3/4" = 1'-0"



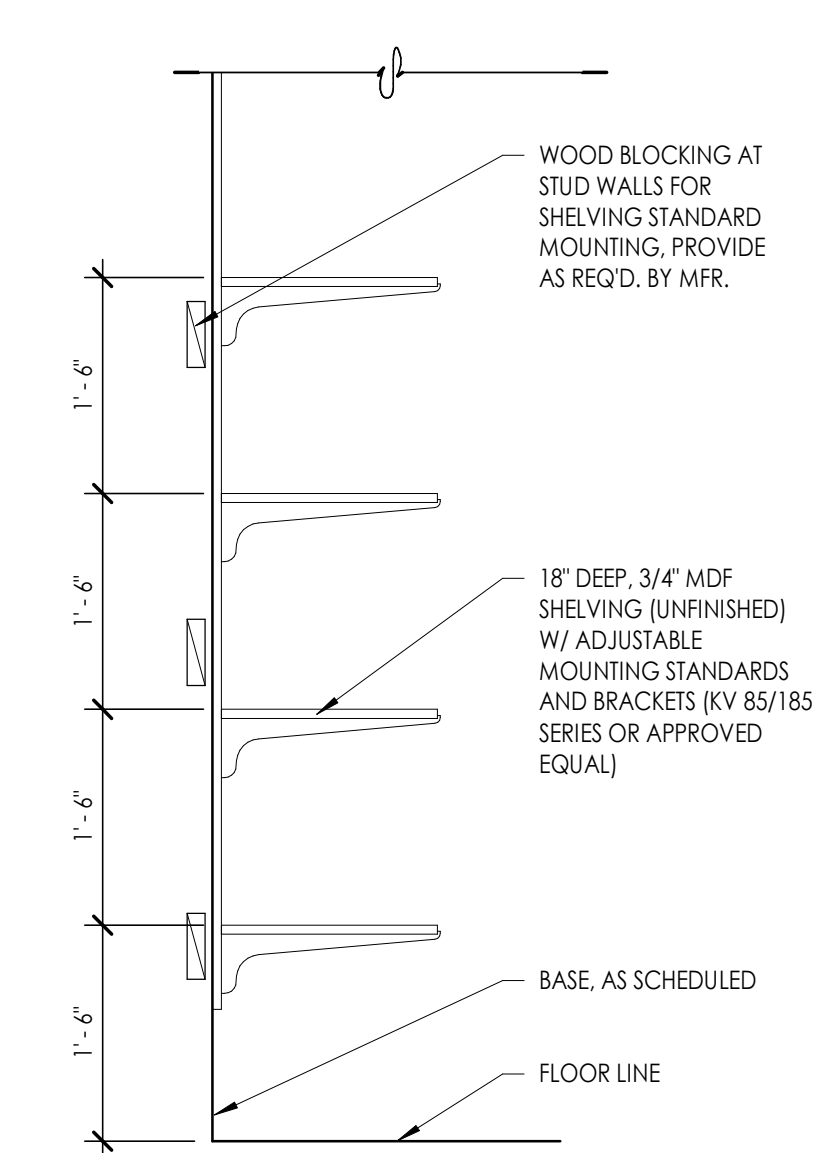
**B5 CASEWORK SECTION**  
 3/4" = 1'-0"



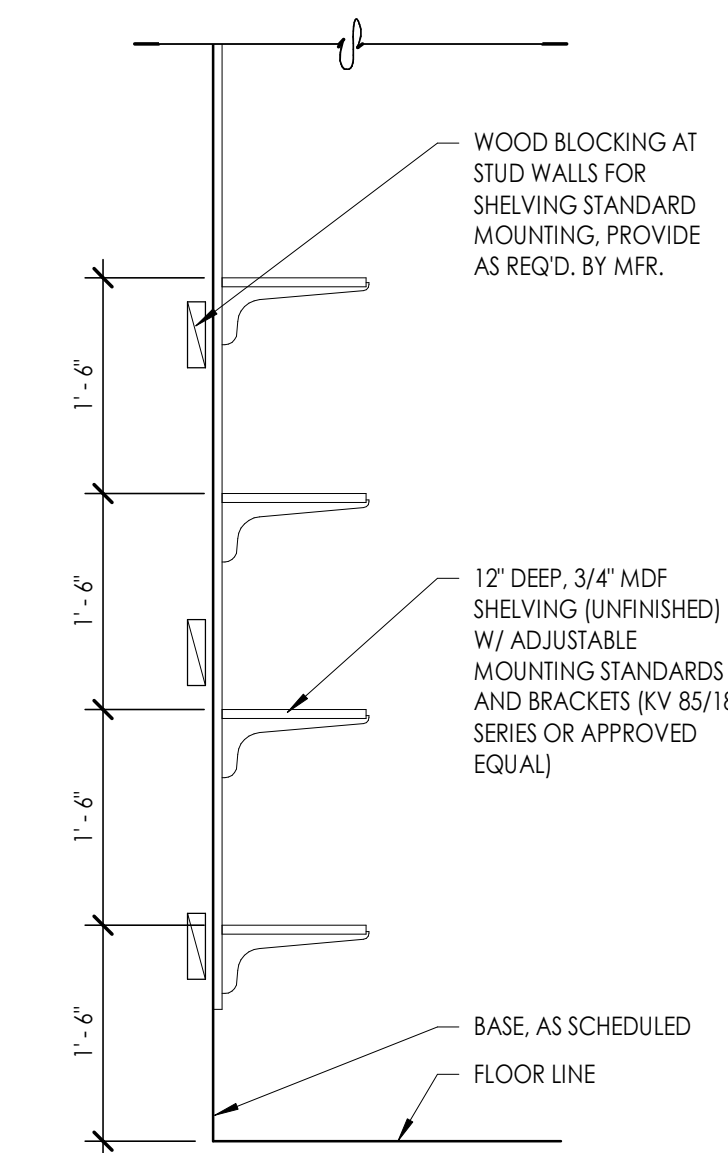
**A1 CASEWORK SECTION**  
 3/4" = 1'-0"



**A2 CASEWORK SECTION**  
 3/4" = 1'-0"



**A3 CASEWORK SECTION**  
 3/4" = 1'-0"



**A4 CASEWORK SECTION**  
 3/4" = 1'-0"

Scale  
 Consultant

**OWTC COSMETOLOGY**  
 REMODEL  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240

SAA Project No. 219008

Drawing Title

MILLWORK DETAILS

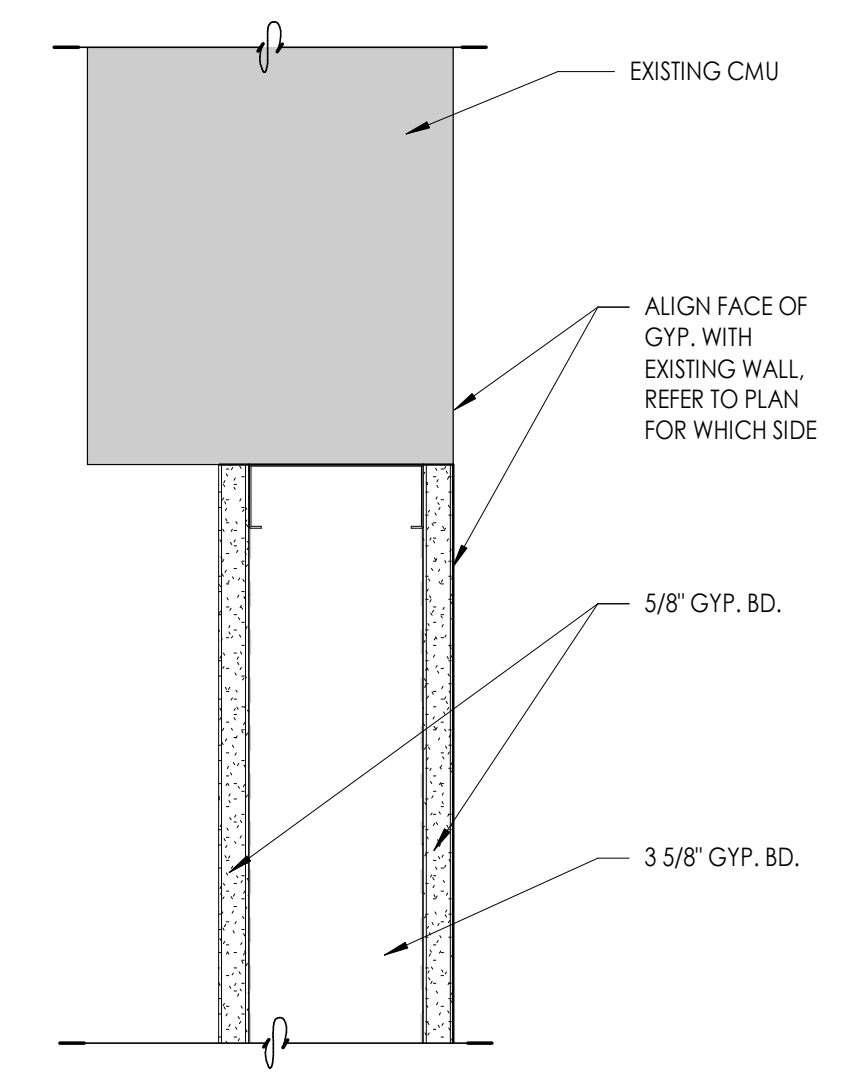
Sheet Number

**AE501**

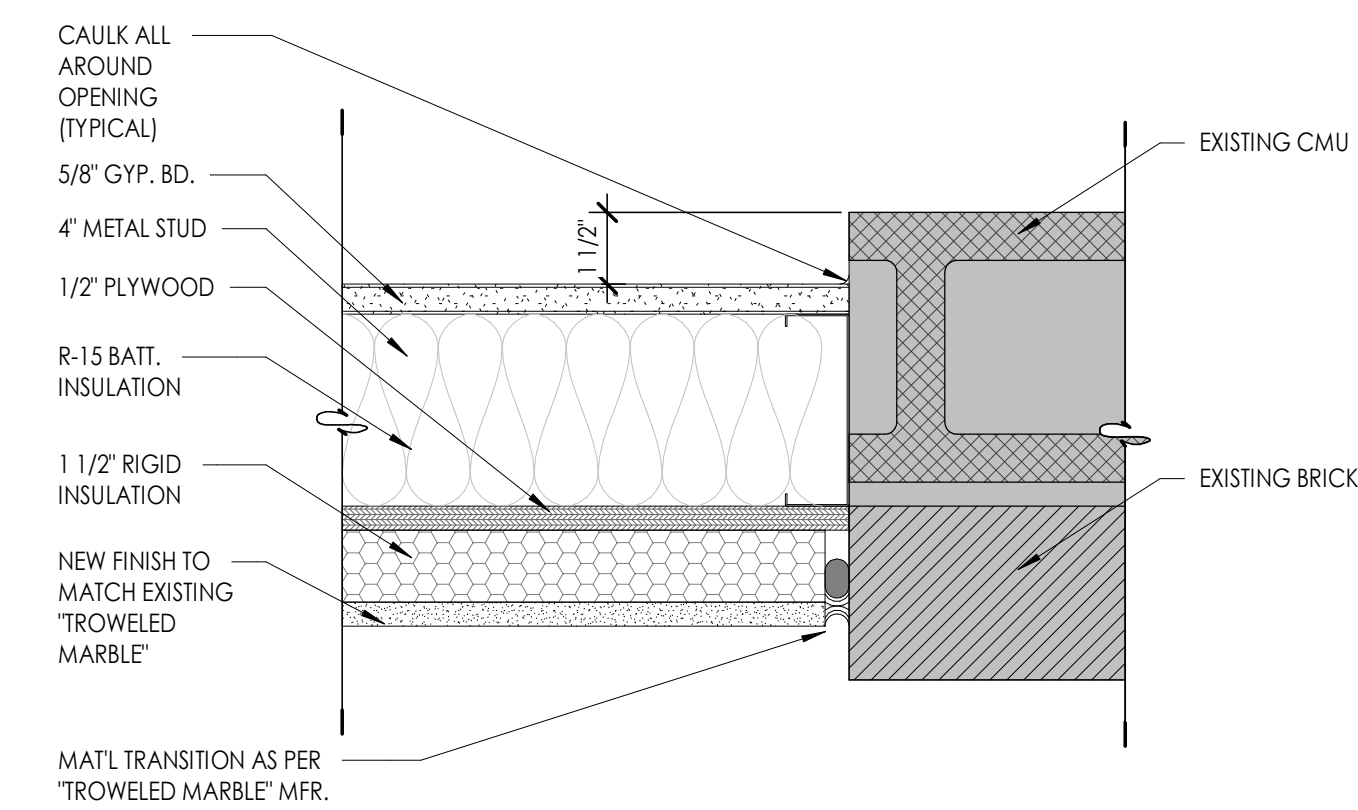
Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

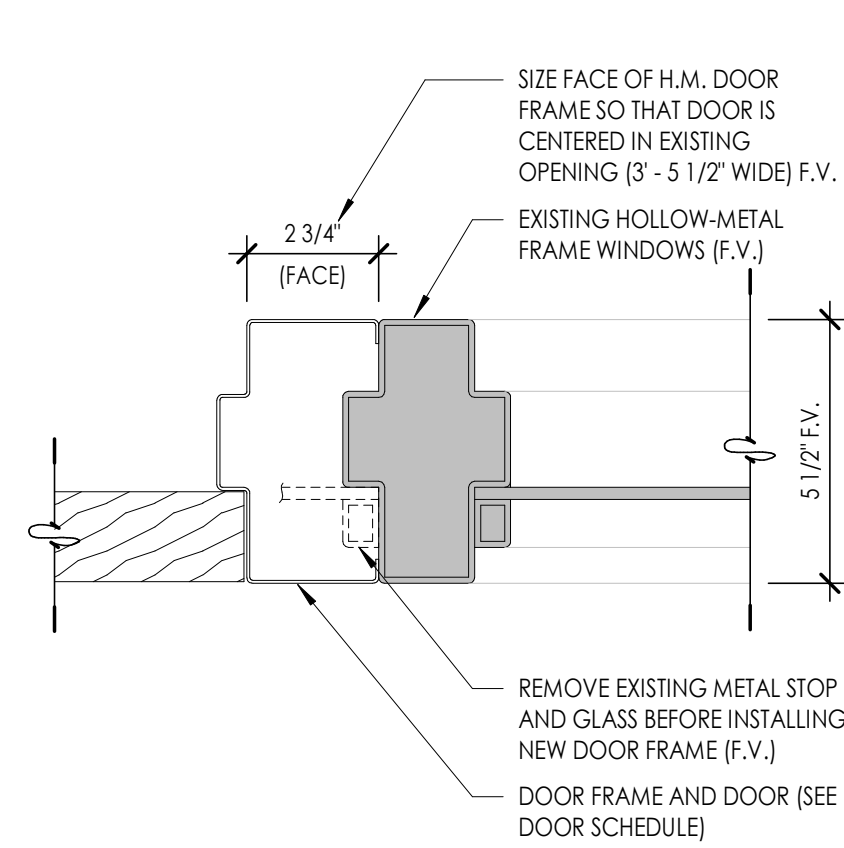
DFCM Project No.	20228240
SAA Project No.	219008
Drawing Title	



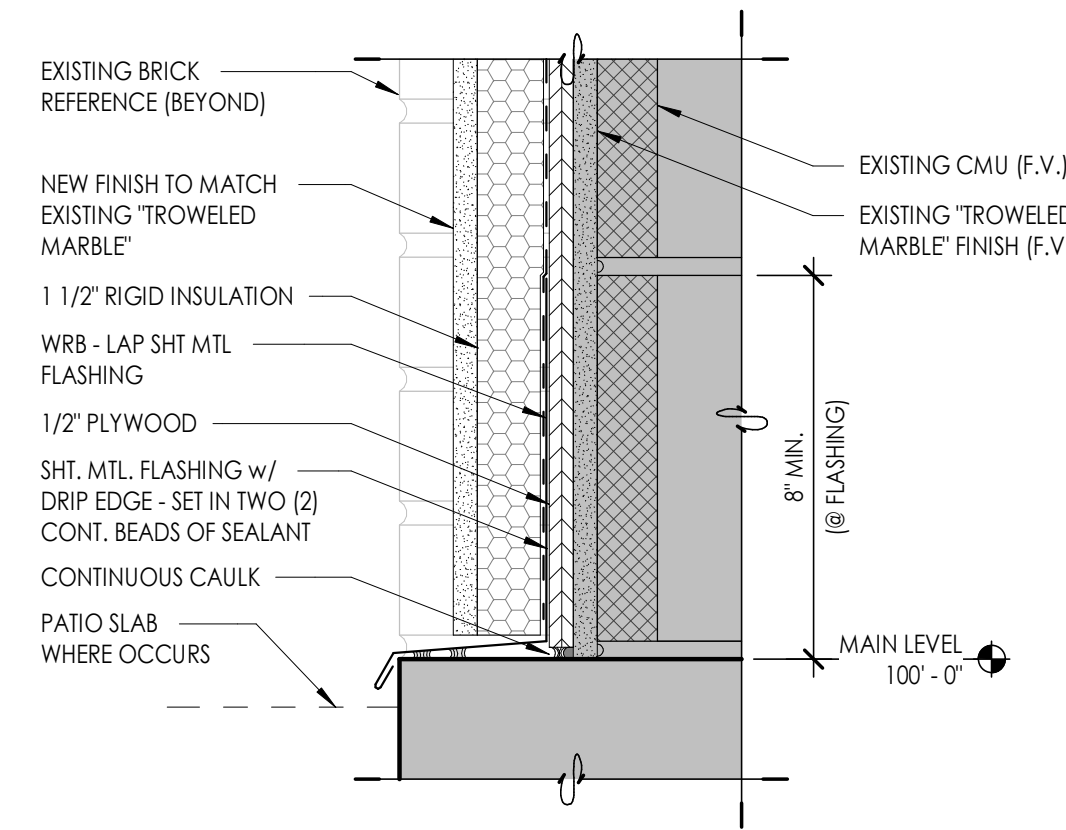
**B5** INTERIOR WALL INFILL, TYP.  
3' = 1'-0"



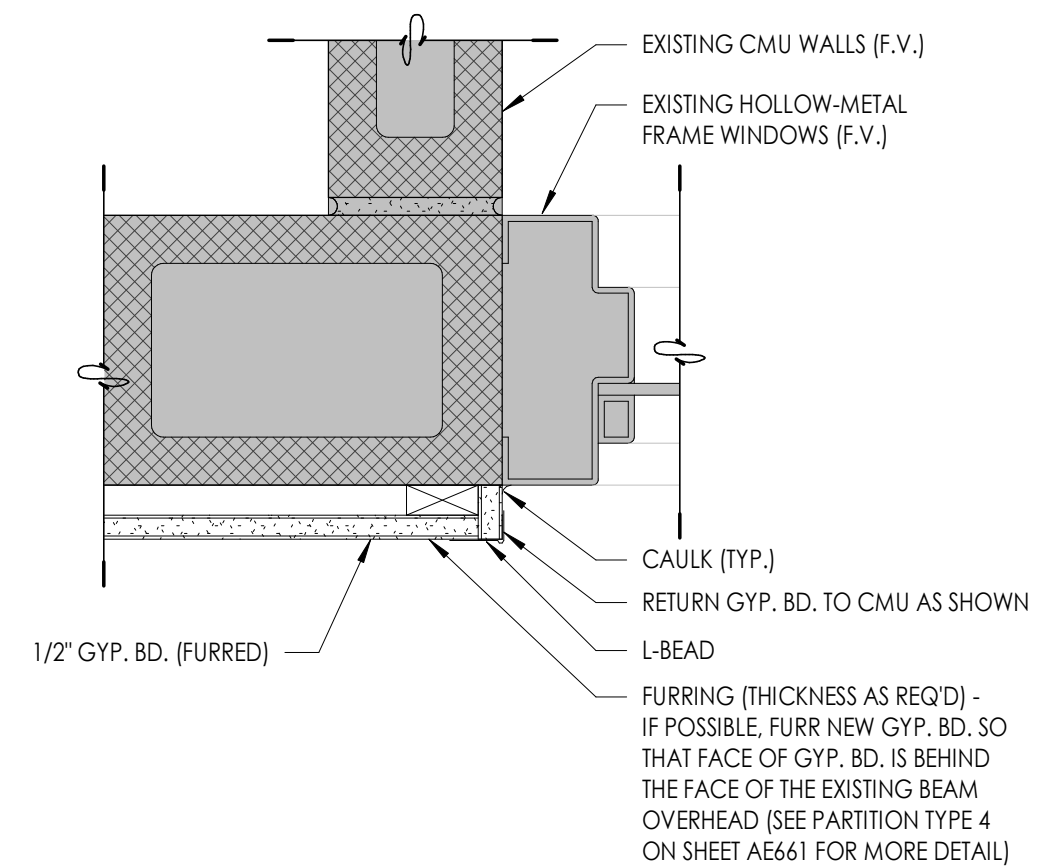
**B4** JAMB @ IN-FILLED DOOR (EXTERIOR)  
3' = 1'-0"



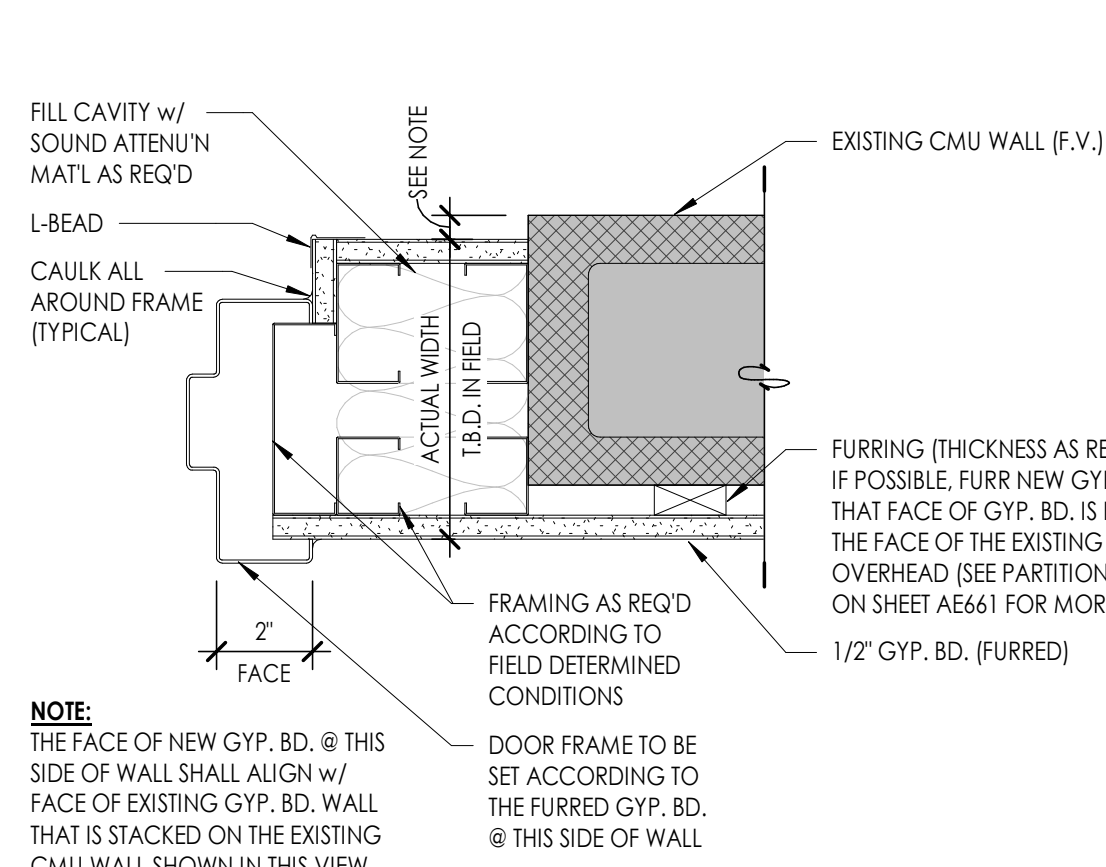
**B3** JAMB @ DOOR 103A  
3' = 1'-0"



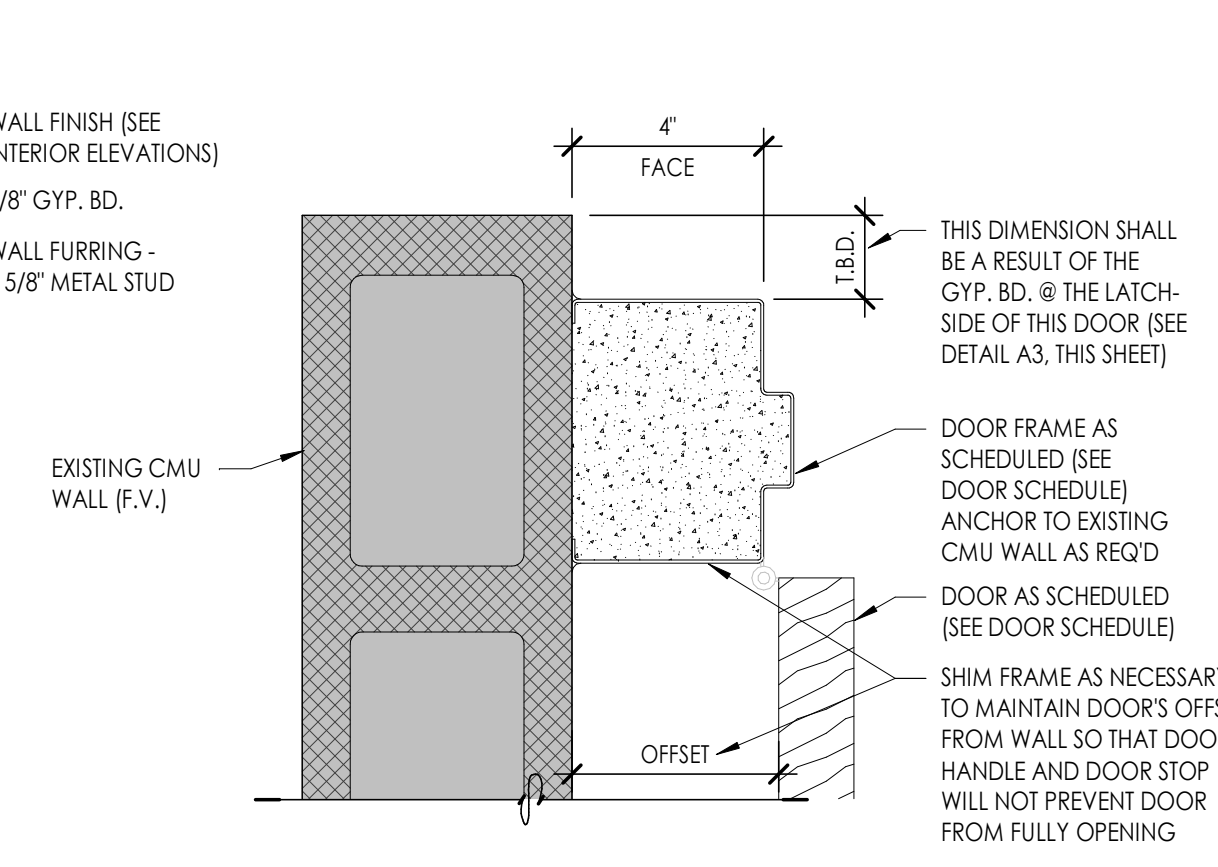
**B2** SILL @ IN-FILLED WINDOW (EXERIOR)  
3' = 1'-0"



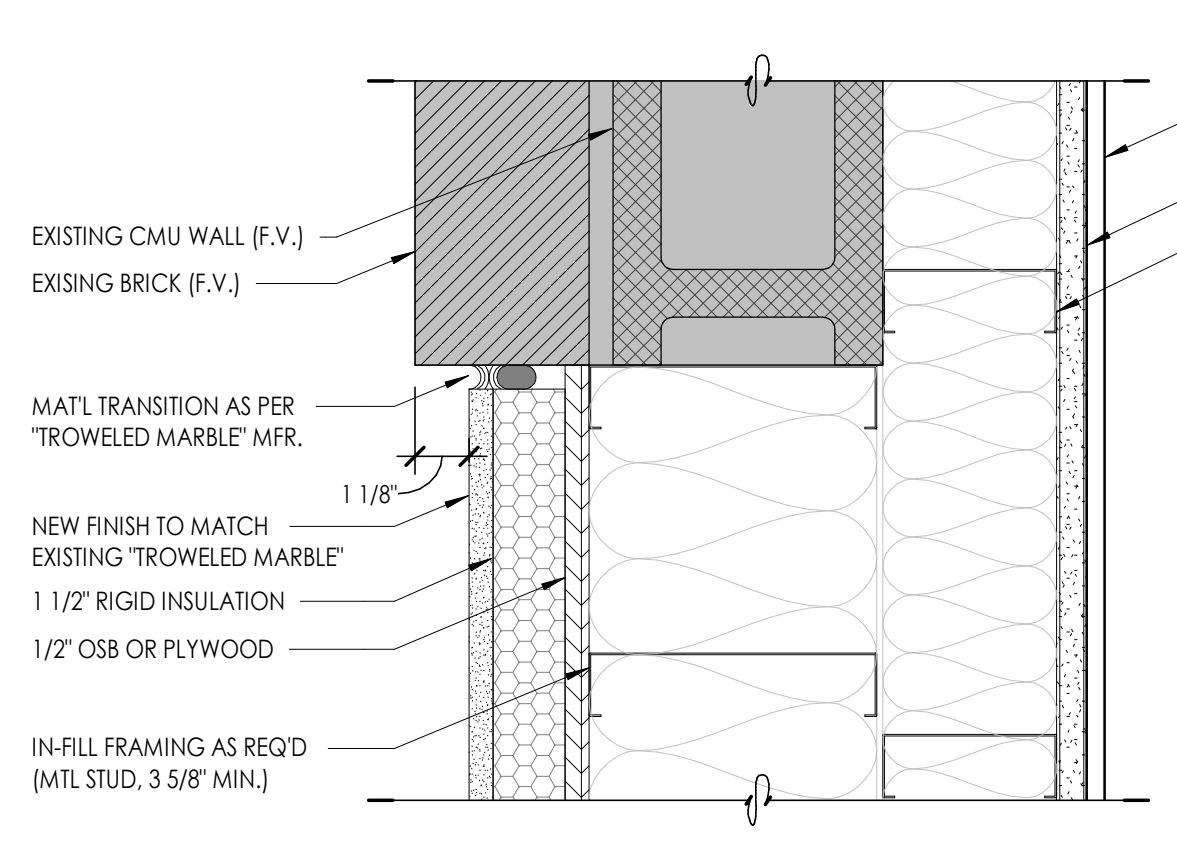
**A4** GYP. DETAIL @ H.M. FRAME WINDOW JAMB  
3' = 1'-0"



**A3** JAMB @ DOOR 104A (LATCH-SIDE)  
3' = 1'-0"



**A2** JAMB @ DOOR 104A (HINGE-SIDE)  
3' = 1'-0"



**A1** JAMB @ IN-FILLED WINDOW (EXTERIOR)  
3' = 1'-0"

Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

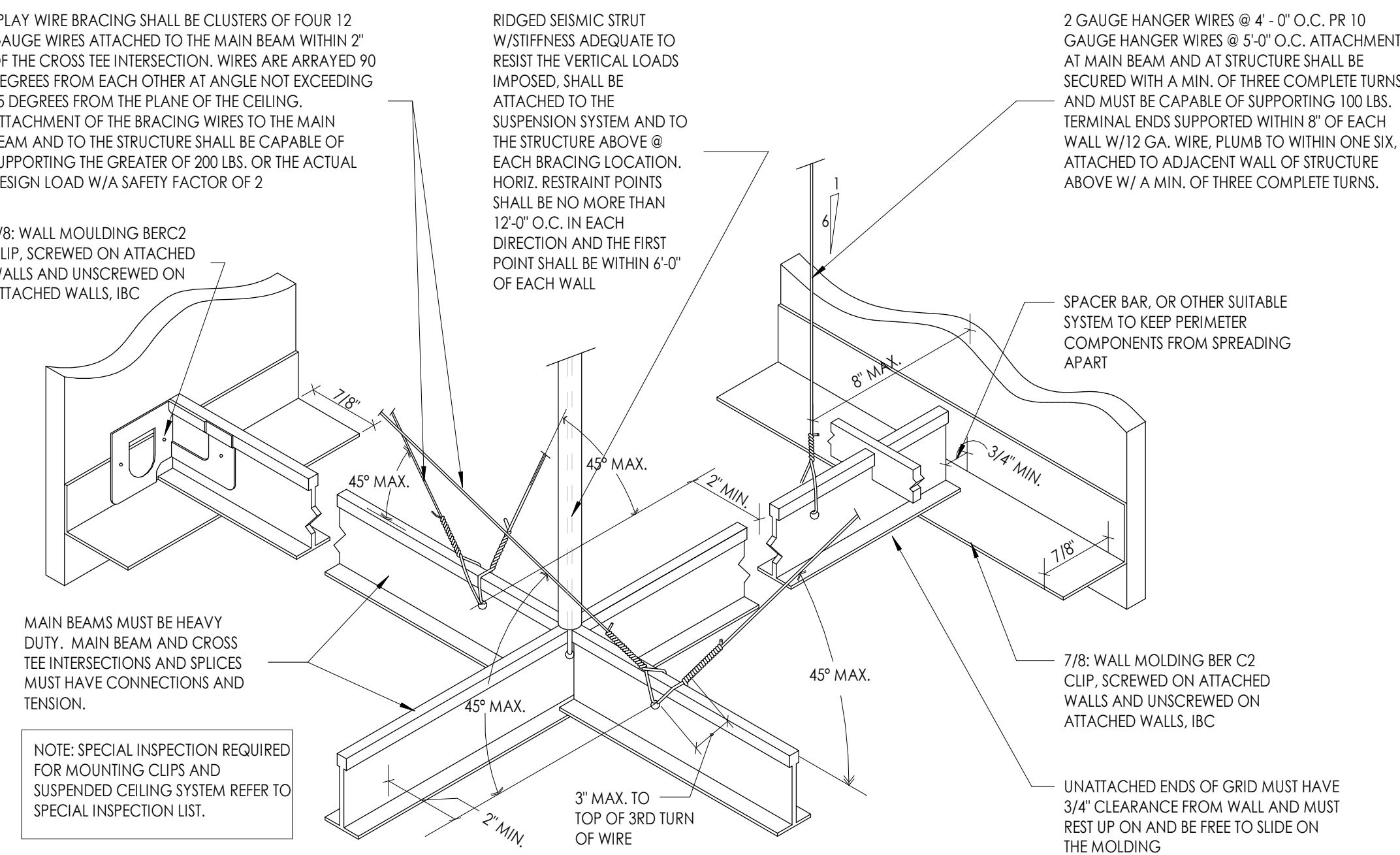
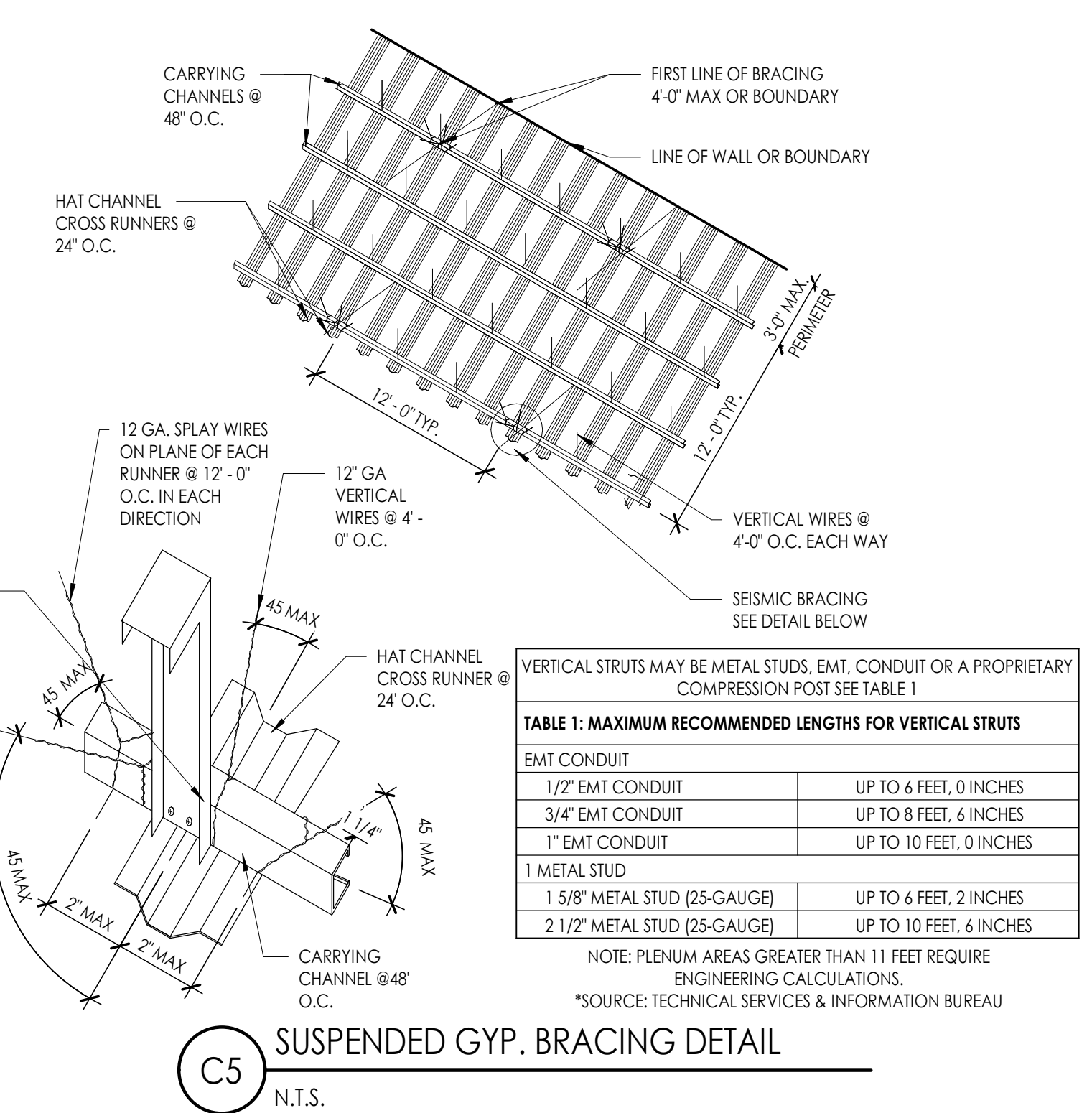
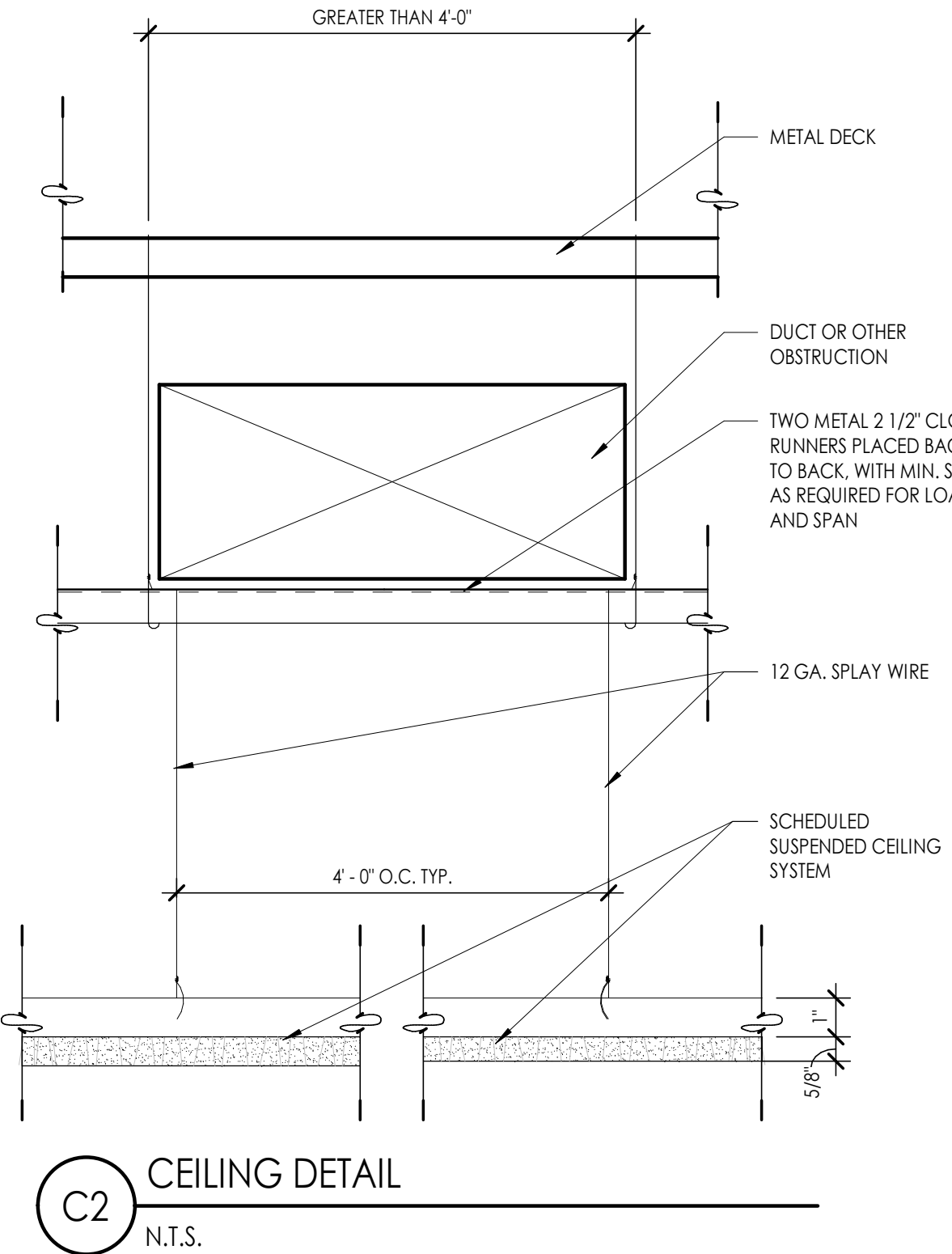
DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

**CEILING DETAILS**

Sheet Number

**AE541**

DFCM approval



**A4** N.T.S.3

D

C

B

A

D

C

B

A

1

2

3

4

5

1

2

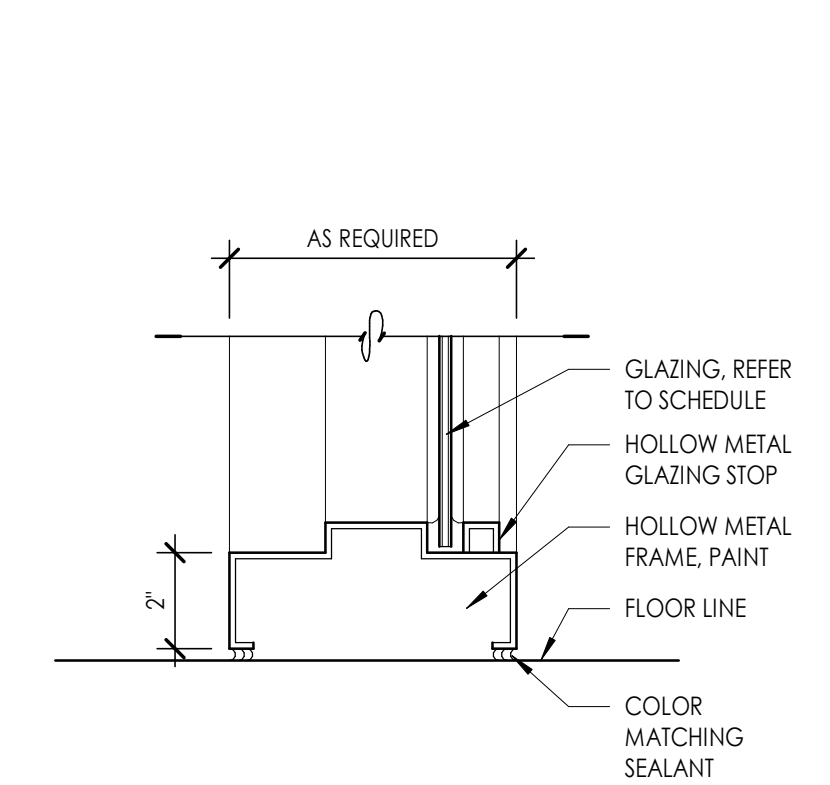
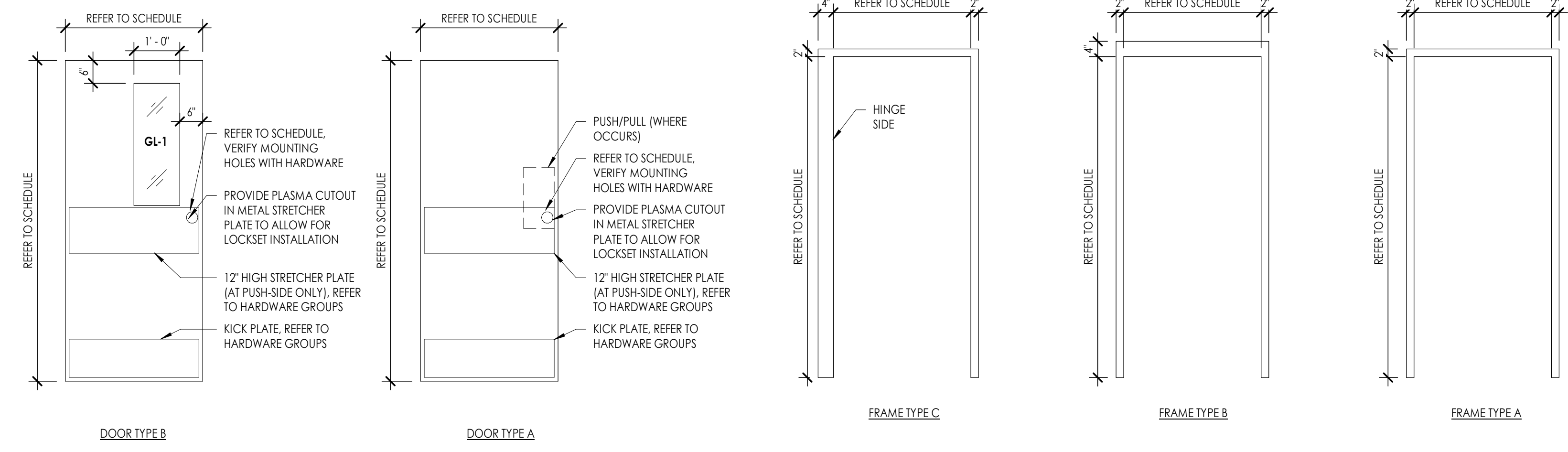
3

4

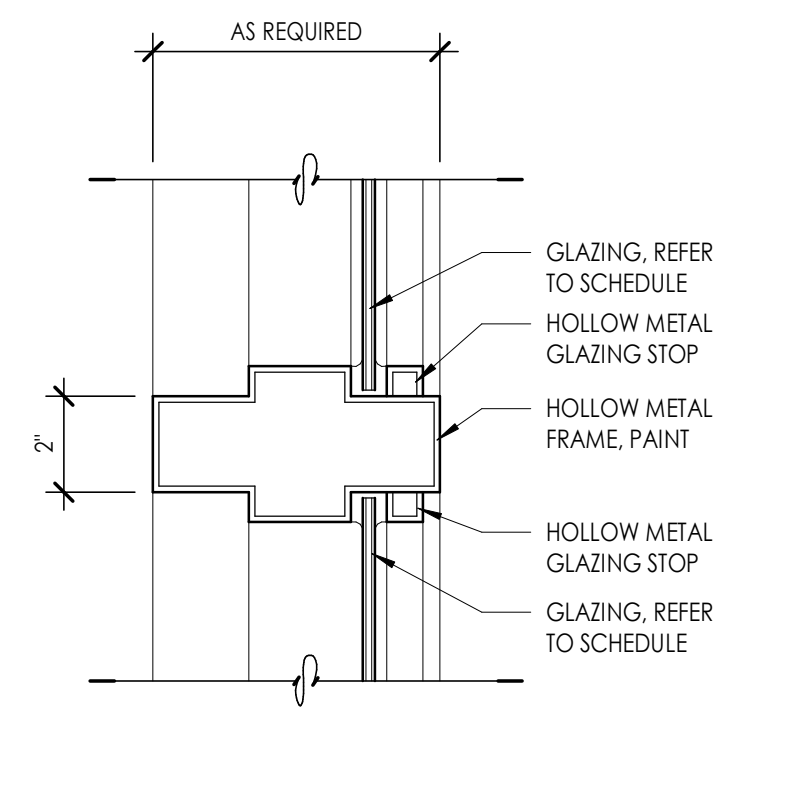
5

PANEL SCHEDULE		
MARK	GLASS TYPE	COMMENTS
GL-1	1/4" CLEAR - TEMPERED	SEE SPECIFICATIONS

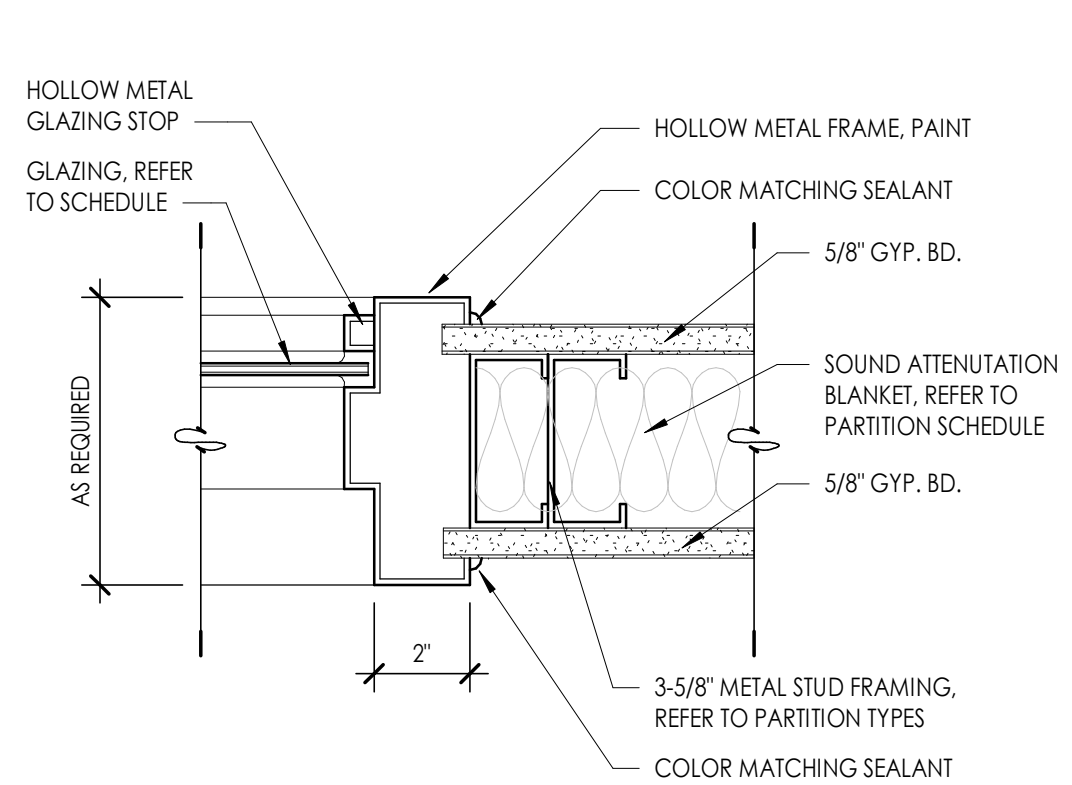
DOOR SCHEDULE																						
DOOR #	ROOM NAME	DOOR TYPE	SIZE			MTRL	FINISH	GLAZE	FRAME										HRDWR. GROUP	FIRE RATING	COMMENTS	DOOR #
			WIDTH	HEIGHT	THICK				FRAME TYPE	MTRL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	ELECTRIC STRIKE							
101A	MANICURE & PEDICURE	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	-	1			101A	
102A	NAIL PRODUCT DISPLAY	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	1			102A		
103A	NAIL BASICS WORKROOM	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	-	B3/AE521	-	-	-	1		FIELD VERIFY	103A		
104A	RECEPTION	B	3'-0"	7'-0"	1 3/4"	WD	PL-2	GL-1	C	H.M.	PNT-2	A2/AE601	A2/AE521	A3/AE521	-	-	5			104A		
104B	RECEPTION	B	3'-0"	7'-0"	1 3/4"	WD	PL-2	GL-1	EXISTING	EXISTING	PNT-2	-	-	-	-	-	2			104B		
105A	STORAGE	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	4			105A		
106A	OFFICE	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	A1/AE601	A1/AE601	-	-	-	3			106A		
106B	OFFICE	A	2'-8"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	A4/AE601	A4/AE601	-	-	-	3			106B		
107A	COSMO BASICS ADULT	B	3'-0"	7'-0"	1 3/4"	WD	PL-2	GL-1	EXISTING	EXISTING	PNT-2	-	-	-	-	-	2			107A		
108A	COSMO BASICS HS	B	3'-0"	7'-0"	1 3/4"	WD	PL-2	GL-1	B	H.M.	PNT-2	A2/AE601	A3/AE601	-	-	-	2			108A		
108B	COSMO BASICS HS	B	3'-0"	7'-0"	1 3/4"	WD	PL-2	GL-1	EXISTING	EXISTING	PNT-2	-	-	-	-	-	2			108B		
109A	JANITOR	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	4			109A		
111A	STORAGE	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	A4/AE601	A4/AE601	-	-	-	4			111A		
113A	BREAKROOM	A	2'-8"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	3			113A		
114A	WOMENS RESTROOM	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	A4/AE601	A4/AE601	-	-	-	6			114A		
116A	MENS RESTROOM	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	B	H.M.	PNT-2	A2/AE601	A3/AE601	-	-	-	7			116A		
117A	LAUNDRY	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	EXISTING	EXISTING	PNT-2	-	-	-	-	-	3			117A		
119A	BARBERING	A	3'-0"	7'-0"	1 3/4"	WD	PL-2	-	A	H.M.	PNT-2	A4/AE601	A4/AE601	-	-	-	1			119A		



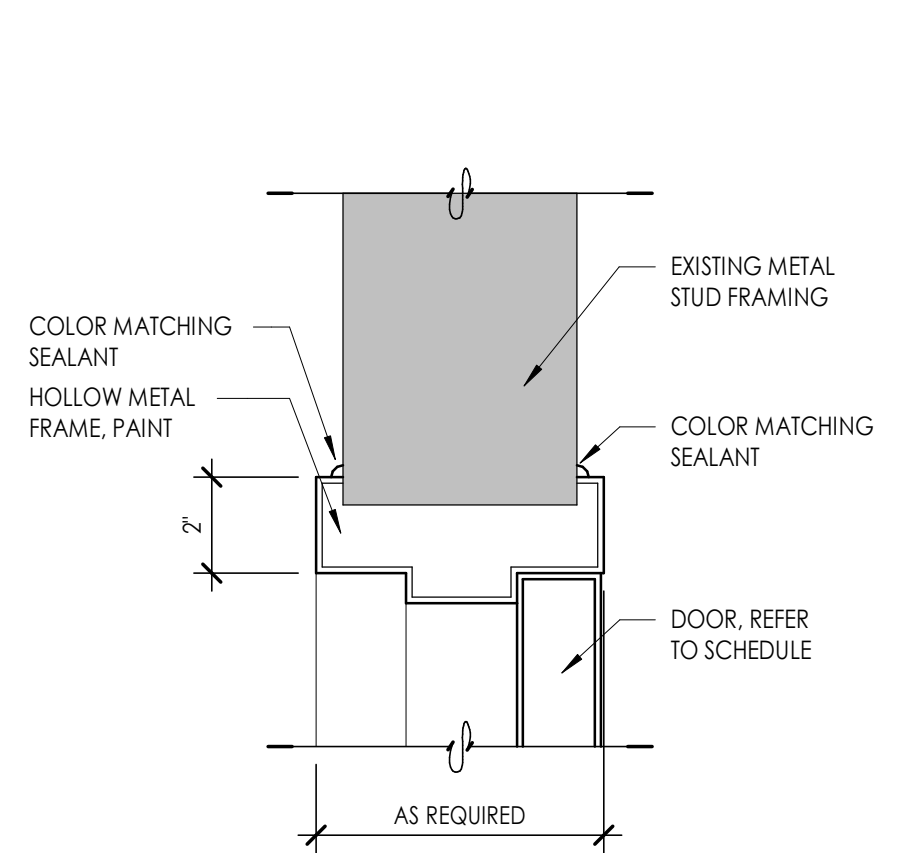
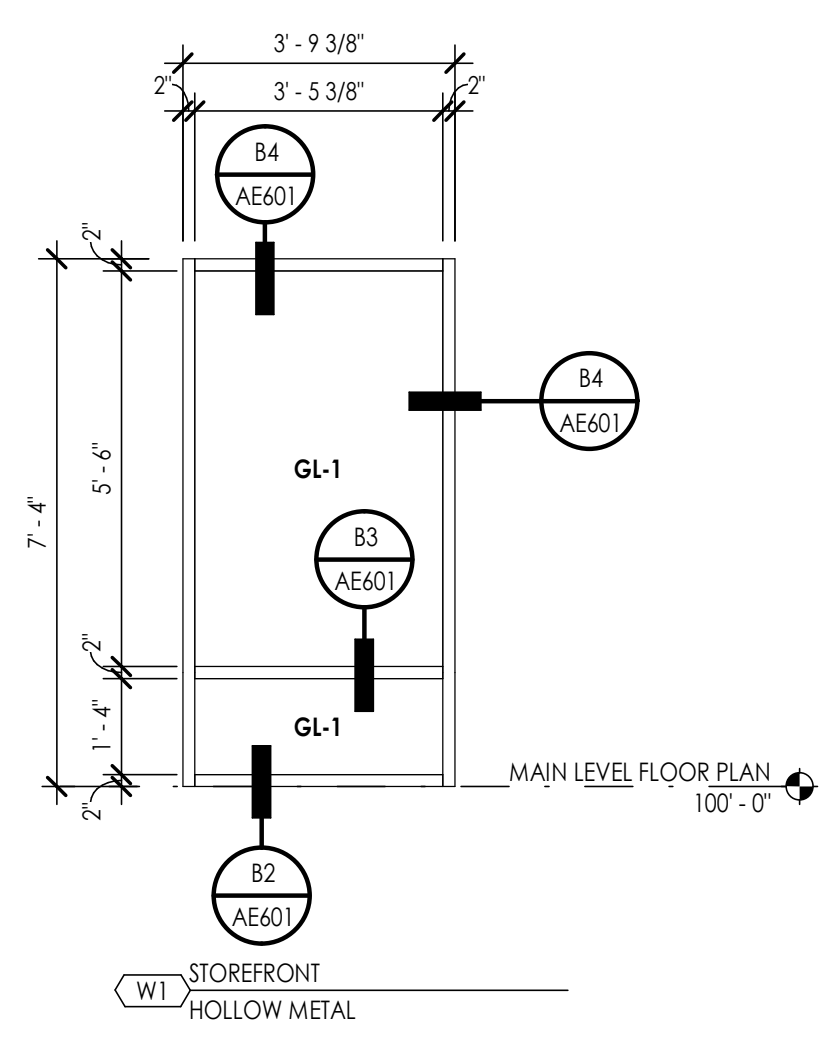
**B2** H.M. FRAME SILL @ GLAZING  
3" = 1'-0"



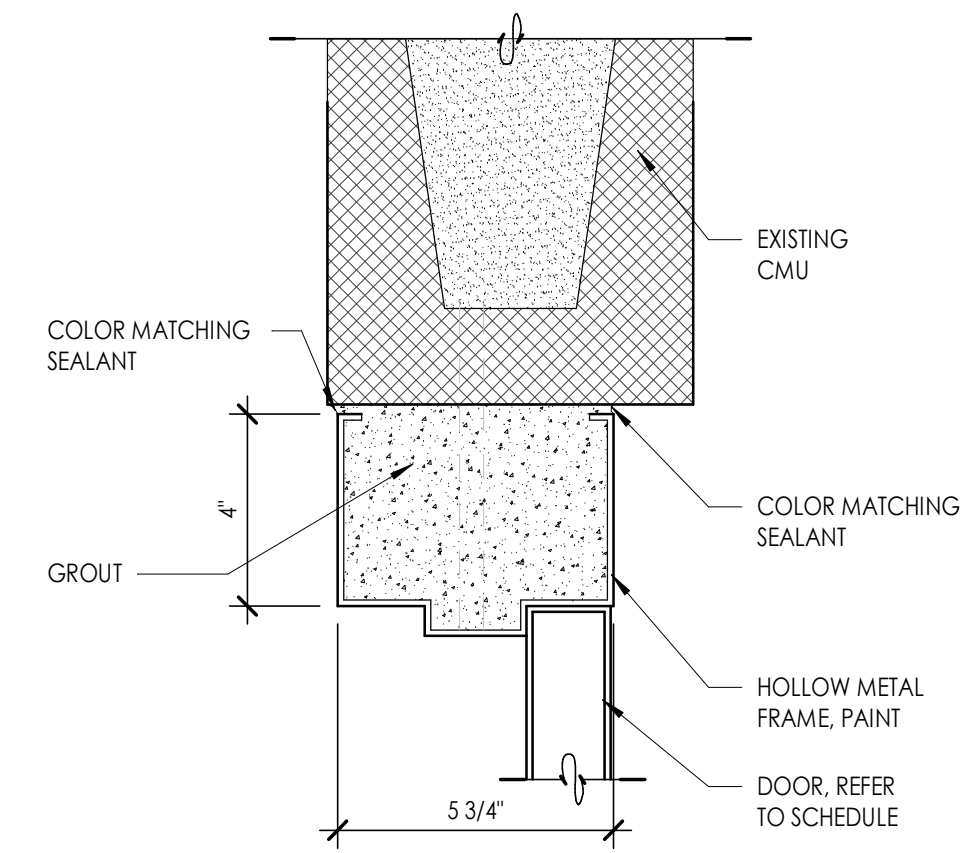
**B3** H.M. FRAME MULLION @ GLAZING  
3" = 1'-0"



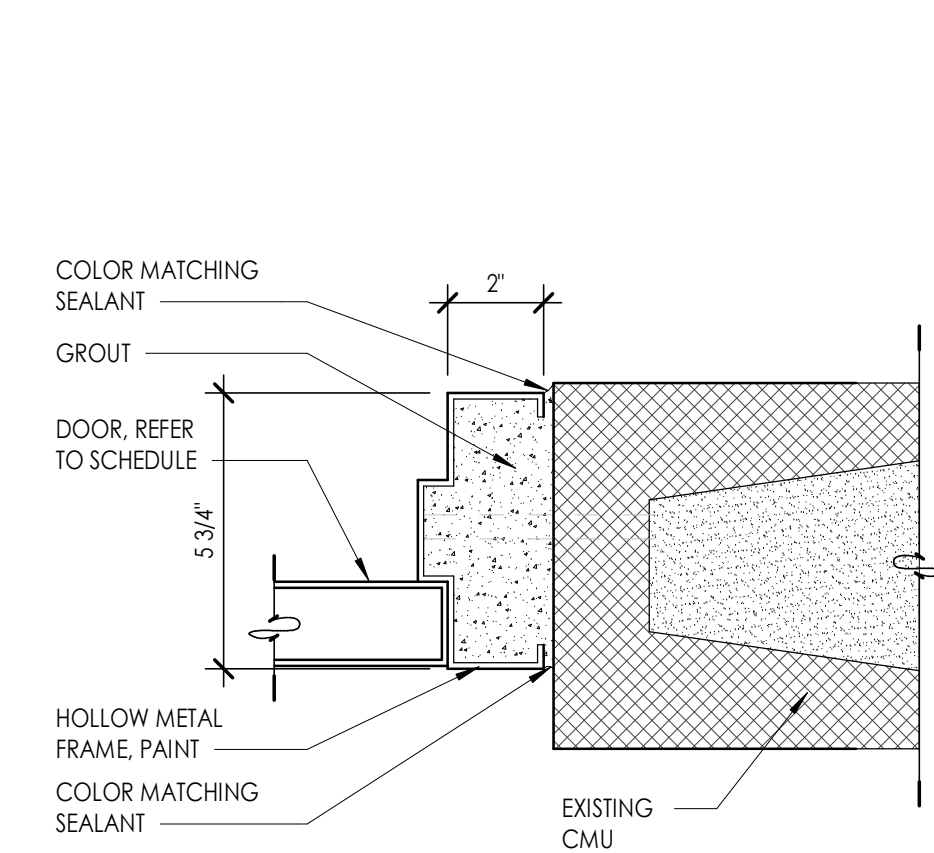
**B4** H.M. FRAME JAMB/HEAD @ GLAZING  
3" = 1'-0"



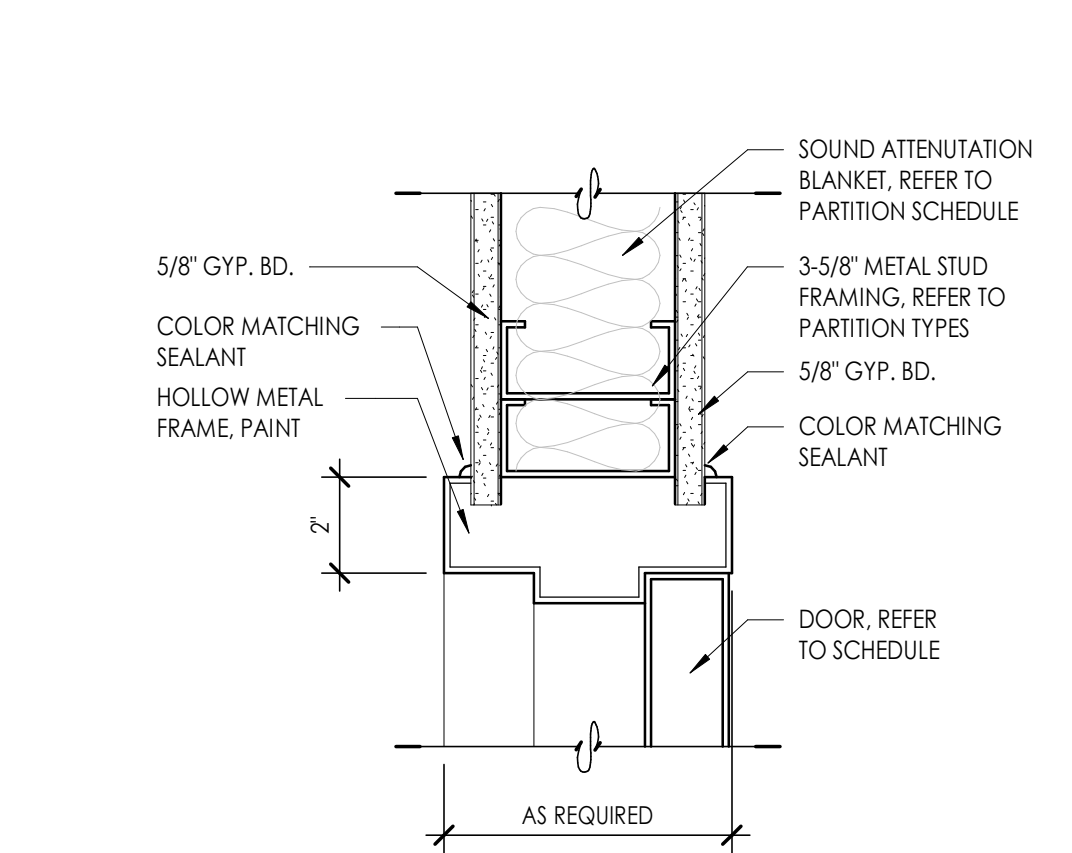
**A1** H.M. FRAME HEAD/JAMB @ DOOR  
3" = 1'-0"



**A2** H.M. FRAME HEAD @ DOOR  
3" = 1'-0"



**A3** H.M. FRAME JAMB @ DOOR  
3" = 1'-0"



**A4** H.M. FRAME HEAD/JAMB @ DOOR  
3" = 1'-0"



Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision		
No.	Date	Description

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

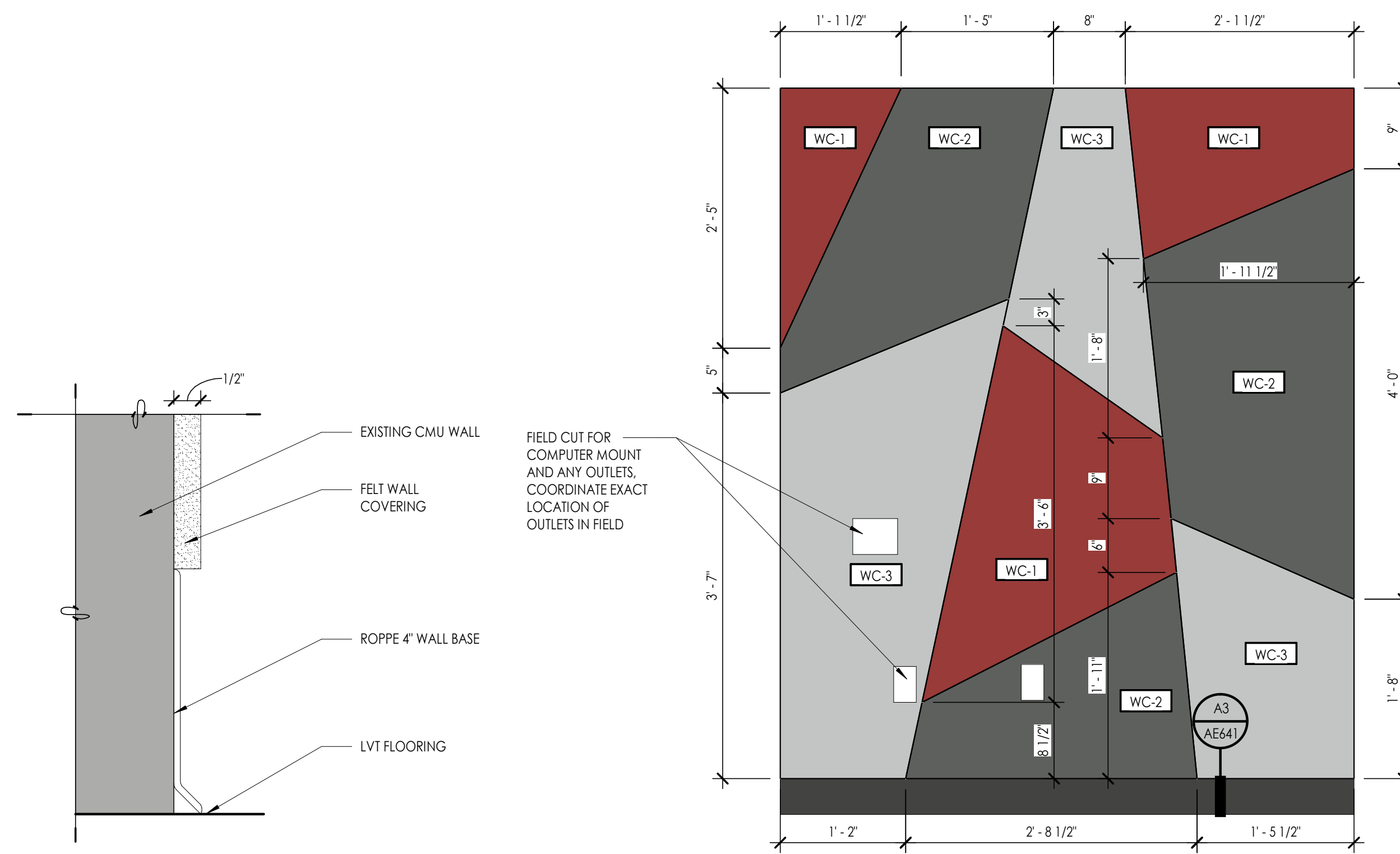
**DOOR SCHEDULE & FRAME TYPES**

Sheet Number  
**AE601**

DFCM approval

INTERIOR FINISH LEGEND						
CODE	MATERIAL	MANUFACTURER	PRODUCT	COLOR/FINISH	SIZE	COMMENTS
VINYL						
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT	UNCOMMON GROUND 6 - 0188V, 20 MIL	TELLURIDE - 02540	6" X 36"	
BASE						
RB-1	RUBBER BASE	ROPPE	STRAIGHT TOERUBBER BASE	193 BLACK/BROWN	4"	
PAINT						
PNT-1	PAINT	SHERWIN WILLIAMS	PURE WHITE SW7005 (255-C1)	EGGSHELL		
PNT-2	PAINT	SHERWIN WILLIAMS	IRON ORE SW7069 (251-C7)	EGGSHELL		
PNT-3	PAINT	SHERWIN WILLIAMS	LUXURIOUS RED (112-C7)	EGGSHELL		
PNT-4	PAINT	SHERWIN WILLIAMS	MINDFUL GRAY (244-C2)	EGGSHELL		
PNT-5	PAINT	SHERWIN WILLIAMS	PURE WHITE SW7005 (255-C1)	FLAT		
PNT-6	EPOXY PAINT	SHERWIN WILLIAMS	PURE WHITE SW7005 (255-C1)	FLAT		
TILE						
T-1	WALL TILE	DALTILE	ANNAPOLIS	SAIL AP06 - GLOSS BEVEL	6" X 16"	G-1, STACKED PATTERN
GROUT						
G-1	GROUT	MAPEI	FLEXCOLOR CQ	11+SAHARA BEIGE		
WALL COVERING						
WC-1	WALL COVERING	J2 SYSTEMS	PET ACOUSTIC FELT PANEL	WINE-18	CUSTOM	
WC-2	WALL COVERING	J2 SYSTEMS	PET ACOUSTIC FELT PANEL	SESAME GRAY-26	CUSTOM	
WC-3	WALL COVERING	J2 SYSTEMS	PET ACOUSTIC FELT PANEL	MARBLE GRAY-10	CUSTOM	
SOLID SURFACE						
SS-1	SOLID SURFACE	CORIAN	SOLID SURFACE	EARTH		
PLASTIC LAMINATE						
PL-1	PLASTIC LAMINATE	FORMICA	PLASTIC LAMINATE	FOLKSTONE, SCULPTED FINISH (927-SF)		PATTERN TO BE INSTALLED HORIZONTALLY
PL-2	PLASTIC LAMINATE	FORMICA	PLASTIC LAMINATE	BLACK, SCULPTED FINISH (909-SF)		PATTERN TO BE INSTALLED HORIZONTALLY

ROOM FINISH SCHEDULE											
NO.	NAME	FLOOR	BASE FINISH	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING FINISH	CASEWORK COUNTER	CASEWORK CABINET	NO.
100	ENTRY	LVT-1	RB-1	PNT-1/PNT-3	PNT-1/PNT-4	PNT-1	-	-	-	-	100
101	MANICURE & PEDICURE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	-	SS-1	PL-1	101
102	NAIL PRODUCT DISPLAY	LVT-1	RB-1	PNT-1	-	PNT-1	PNT-1	PNT-5	-	-	102
102A	STORAGE	LVT-1	RB-1	-	PNT-1	PNT-1	PNT-1	PNT-5	-	-	102A
103	NAIL BASICS WORKROOM	LVT-1	RB-1	PNT-1	PNT-1	PNT-4	PNT-1	-	SS-1	PL-1	103
104	RECEPTION	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-3	-	-	-	104
105	STORAGE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-5	-	-	105
106	OFFICE	LVT-1	RB-1	PNT-1	PNT-3	PNT-1	PNT-1	-	-	-	106
107	COSMO BASICS ADULT	LVT-1	RB-1	PNT-1/PNT-4	PNT-3	PNT-1/PNT-4	PNT-1	-	SS-1	PL-1	107
108	COSMO BASICS HS	LVT-1	RB-1	PNT-4	PNT-3	PNT-1	PNT-1	-	SS-1	PL-1	108
109	JANITOR	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-5	-	-	109
110	THEORY CLASSROOM	LVT-1	RB-1	PNT-1	PNT-1	PNT-1/PNT-3	PNT-1/PNT-4	-	-	-	110
111	STORAGE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-5	-	-	111
112	STORAGE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-5	-	-	112
113	BREAKROOM	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-5	-	-	113
114	WOMENS RESTROOM	LVT-1	RB-1	PNT-4	PNT-4	T-1/PNT-4	T-1	PNT-6	-	-	114
115	HALL	LVT-1	RB-1	PNT-1	-	PNT-3	PNT-1	PNT-5	-	-	115
116	MENS RESTROOM	LVT-1	RB-1	PNT-4	PNT-4	T-1	PNT-4	PNT-6	-	-	116
117	LAUNDRY	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-6	-	-	117
118	HALL	LVT-1	RB-1	PNT-1	-	PNT-1	PNT-3	PNT-5	-	-	118
119	BARBERING	LVT-1	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	-	SS-1	PL-1	119
120	MECHANICAL	-	-	-	-	-	-	-	-	-	120
121	ELECTRICAL	-	-	-	-	-	-	-	-	-	121
122	IT	-	-	-	-	-	-	-	-	-	122



**A3** FELT WALL TO BASE DETAIL  
6" = 1'-0"

**A4** FELT WALL LAYOUT  
1" = 1'-0"



Seal

Consultant

**OWTC COSMETOLOGY**

**REMODEL**

200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description

DFCM Project No. 20228240

SAA Project No. 219008

Drawing Title

**FINISH SCHEDULE**

Sheet Number

**AE641**

DFCM approval

**NON-BEARING METAL STUD GAUGE**

MEMBER DEPTH	STUD HEIGHT	MIN. GA. & SPACING
2-1/2" (250S125-33)	14'-0"	20#16" O.C. (Composite)
3-5/8" (362S125-33)	17'-0"	20#16" O.C. (Composite)
3-5/8" (362S125-43)	17'-0"	18#16" O.C. (Fully Braced)
6" (600S162-33)	15'-0"	20#16" O.C. w/ Bridging Mid Span
6" (600S162-33)	18'-0"	20#16" O.C. w/ Bridging 5' O.C.
6" (600S162-43)	23'-0"	18#16" O.C. w/ Bridging 5' O.C.
6" (600S162-54-50K3)	30'-0"	16#16" O.C. w/ Bridging 5' O.C.

- STEEL STUDS SHALL MEET ICC REPORT ESR-3064P AND SSMA STANDARDS HEIGHT BASED ON SSMA 2015 CATALOG AND PROJECT REQUIREMENTS
- SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS
- AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES

**NON-BEARING HEADER SCHEDULE (16'-0" AFF)**

MAX. SPAN	HEADER STUDS	3 5/8" TRACKS	6" TRACKS	6" WALL TUBE STEEL OPTION
7'-0"	(2) 362S162-33	(2) 362T150-33	(2) 600T150-33	HSS 6 x 6 x 1/8
10'-0"	(2) 600S162-33	(2) 362T150-43	(2) 600T150-33	HSS 6 x 6 x 1/8
11'-0"	(2) 600S162-43	(2) 362T150-43	(2) 600T150-33	HSS 6 x 6 x 1/8
14'-0"	(2) 800S162-54	(2) 362T150-97	(2) 600T150-43	HSS 6 x 6 x 1/8
14'-0"	(2) 1000S162-54	(2) 362T150-97	(2) 600T150-54	HSS 6 x 6 x 1/8
19'-0"	(2) 1000S250-68	-	(2) 600T150-68	HSS 8 x 6 x 3/16
21'-0"	-	-	-	HSS 10 x 6 x 3/16
25'-0"	-	-	-	HSS 12 x 6 x 3/16
27'-0"	-	-	-	HSS 12 x 6 x 1/4

- SCHEDULE TO BE USED FOR NON-BEARING WALLS. (16'-0" +/- AFF)
- HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA

**NON-BEARING HEADER SCHEDULE (30'-0" AFF)**

MAX. SPAN	3 5/8" TRACKS	6" TRACKS	3 5/8" WALL TUBE STEEL OPTION	6" WALL TUBE STEEL OPTION
4'-0"	(2) 362S162-33	362T150-33	600T150-33	HSS 3.5x3.5x1/8
7'-0"	(2) 600S162-33	362T150-33	600T150-33	HSS 3.5x3.5x1/8
9'-0"	(2) 600S162-43	362T150-54	600T150-33	HSS 3.5x3.5x1/4
10'-0"	(2) 800S162-54	362T150-54	600T150-43	HSS 3.5x3.5x3/8
12'-0"	(2) 1000S162-54	362T150-97	600T150-54	HSS 5x3x5/16
15'-0"	(2) 1000S250-68	-	600T150-68	HSS 7x6x5/16
17'-0"	-	-	-	HSS 8x3x3/8
19'-0"	-	-	-	HSS 10x3.5x3/16
21'-0"	-	-	-	HSS 10x3.5x1/2
25'-0"	-	-	-	HSS 14x6x1/4
27'-0"	-	-	-	HSS 14x6x3/8

- SCHEDULE TO BE USED FOR NON-BEARING WALLS. (30'-0" +/- AFF)
- HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA

**PARTITION NOTES**

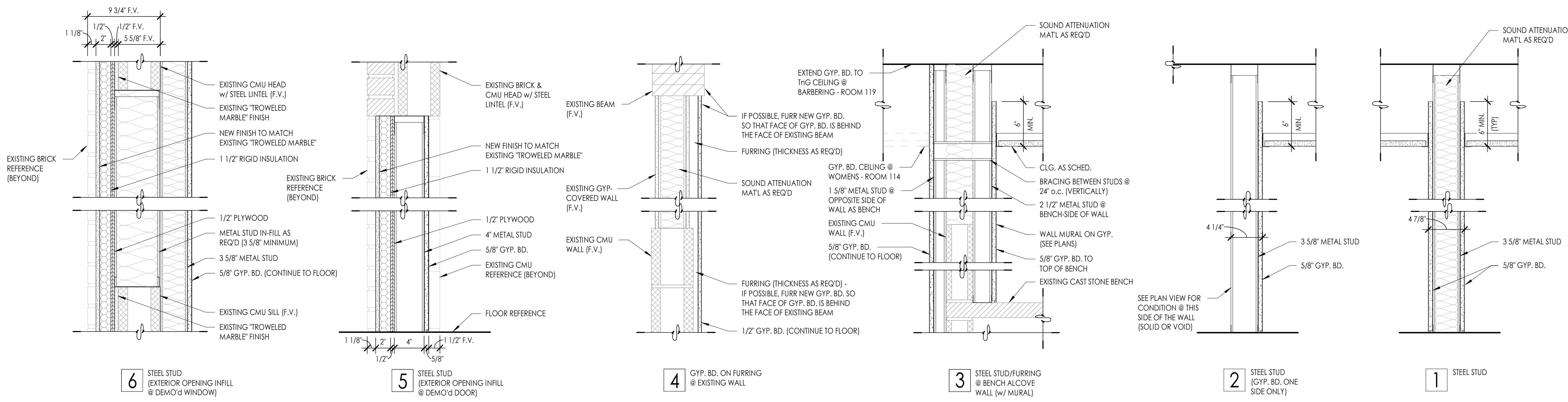
- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE THE FINISH SHEET AND INTERIOR ELEVATIONS FOR WALL FINISHES AND ON PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES
- WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL
- AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE, UNLESS NOTED OTHERWISE.
- WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES. NOTIFY ARCHITECT OF ANY DISCREPANCIES
- WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZING PARTITIONS, ETC. CONSTRUCTION ABOVE INTERRUPTION IS TO BE THE SAME AS THAT DESIGNATION FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED
- THE MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO: A. USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE. B. USE 16" O.C. MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATING BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING ALLOWED IN THESE DOCUMENTS. C. USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED. 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS
- USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCE APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY, AND STUD WALLS.
- PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS.
- ALL DIMENSIONS ARE FACE OF STUD OR FACE OF CONCRETE, MASONRY, OR ROUGH OPENING UNLESS OTHERWISE NOTED
- ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET, THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE
- PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTER OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. **CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING.** INSTALL PER DETAILS FOR CONTROL JOINTS.
- AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE CAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES, MAXIMUM. THE OPENING FOR THE DUCTS OR LARGER PENETRATIONS SHALL BE FRAMED WITH A HEADER. ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM THE FRAMING
- CONTRACTOR TO PROVIDE BLOCKING/BRACING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS, ETC... INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED.
- WHERE THERE IS LIMITED WATER EXPOSURE:** INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD PER ASTM C 1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING: A. WITH IN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SHEETS. B. AT OTHER LOCATIONS I.E. TOILET ROOMS AND KITCHEN, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
- INSTALL ONE LAYER OF 5/8" GYPSUM GLASS MAT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS PARTITIONS AT THE FOLLOWING LOCATIONS. A. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS. B. WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS. C. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.

D

C

B

A



Seal  
Consultant

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

No.	Date	Description
A	07/11/2019	DFCM REVIEW & BIDDING

Revision

No.	Date	Description
-----	------	-------------

DFCM Project No. 20228240  
SAA Project No. 219008  
Drawing Title

PARTITION TYPES  
Sheet Number  
**AE661**  
DFCM approval

PLUMBING LEGEND			
MEANING	SYMBOL OR ABBREVIATION	MEANING	SYMBOL OR ABBREVIATION
HOT WATER LINE	— HW —	WALL CLEANOUT	WCO
COLD WATER LINE	— CW —	CLEANOUT	CO
HOT WATER RECIRCULATING LINE	— HWREC —	CLEANOUT TO GRADE	COTG
VENT LINE	— V —	FLOOR CLEANOUT	FCO
WASTE LINE	— SS —	BALL VALVE	⊘
GAS LINE	G	UNION	— — —
VENT THRU ROOF	VTR	CONNECTION TO EXISTING PIPING	⊕
UNDER FLOOR	UF	REGULATOR	Ⓜ
SANITARY SEWER	SS	SOFT WATER	SW
PRIMARY ROOF DRAIN	PRD	SECONDARY ROOF DRAIN	SRD

**PLUMBING GENERAL NOTES**

**G-1** - ALL PLUMBING SHALL BE INSTALLED AND CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.

**G-2** - ALL PIPING MATERIALS SHALL MEET ALL REQUIREMENTS OF IPC AND LOCAL AUTHORITY. PLASTIC PIPING SHALL BE ALLOWED ONLY WHERE ALLOWED BY CODE. PLASTIC PIPING SHALL NOT BE ROUTED THROUGH RETURN AIR PLENUMS OR OTHER AREAS PROHIBITED BY THE IMC, IPC, OR NFPA CODES OR BY LOCAL AUTHORITY.

**G-3** - GAS PIPING INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH GAS COMPANY REGULATIONS, NFPA CODE REQUIREMENTS, AND LOCAL AUTHORITY.

**G-4** - ALL MATERIALS SHALL BE NEW AND SHALL BE DOMESTIC MADE UNLESS SPECIFICALLY APPROVED OTHERWISE IN WRITING BY ARCHITECT OR OWNER.

**G-5** - PROVIDE VACUUM BREAKERS AND BACK FLOW PREVENTERS WHERE REQUIRED BY CODE OR WHERE THERE MAY BE ANY POSSIBLE CHANCE FOR CROSS CONTAMINATION. PREVENTERS SHALL BE INSTALLED IN ACCORDANCE WITH UTAH CODE.

**G-6** - ALL PLUMBING INFORMATION IS NOT LIMITED TO THE PLUMBING DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING SPECIFICATIONS, ARCHITECTURAL DRAWING, STRUCTURAL DRAWINGS, MECHANICAL DRAWINGS, AND ELECTRICAL DRAWINGS.

**G-7** - THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWING, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL PIPING SHALL BE CHECKED AND COORDINATED WITH THE SPECIFICATIONS, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

**G-8** - COORDINATE ALL PIPING AND PLUMBING EQUIPMENT WITH ALL OTHER TRADES AND/OR CONTRACTORS PRIOR TO INSTALLATION.

**G-9** - ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR AND ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING PRIOR TO CHANGES.

**G-10** - GAS LINE FITTINGS SHALL BE STANDARD WELD FITTINGS WITH TAPERED REDUCERS. DO NOT USE VALVES, UNIONS, OR AUTO CONTROLS IN GAS LINES ROUTED IN INACCESSIBLE CONCEALED SPACES.

**G-11** - ALL WATER SYSTEMS SHALL MEET THE REQUIREMENTS OF ANSI/NSF STANDARD 61 SECTION 9 (1998), CONCERNING METAL CONTAMINANTS IN THE WATER SYSTEM.

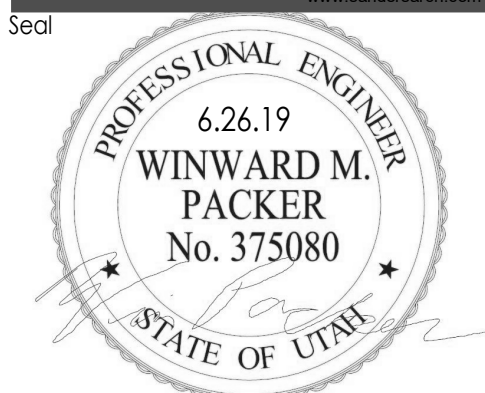
**G-12** - WATER PIPING SHALL NOT BE ROUTED IN OUTSIDE WALLS OR ON EXTERIOR SIDE OF BUILDING INSULATION ENVELOPE.

**G-13** - WATER HAMMER ARRESTORS SHALL BE INSTALLED IN ALL WATER LINES WITH QUICK OPEN OR QUICK CLOSE VALVES.

**WATER HAMMER ARRESTOR SCHEDULE:**

- TYPE A 1-11 FIXTURE UNITS
- TYPE B 12-32 FIXTURE UNITS
- TYPE C 33-60 FIXTURE UNITS
- TYPE D 61-113 FIXTURE UNITS

**G-14** - ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.



**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision

No.	Date	Description

DFCM Project No. \_\_\_\_\_  
 SAA Project No. 219008  
 Drawing Title \_\_\_\_\_

**PLUMBING GENERAL NOTES AND LEGEND**

Sheet Number  
**PG001**

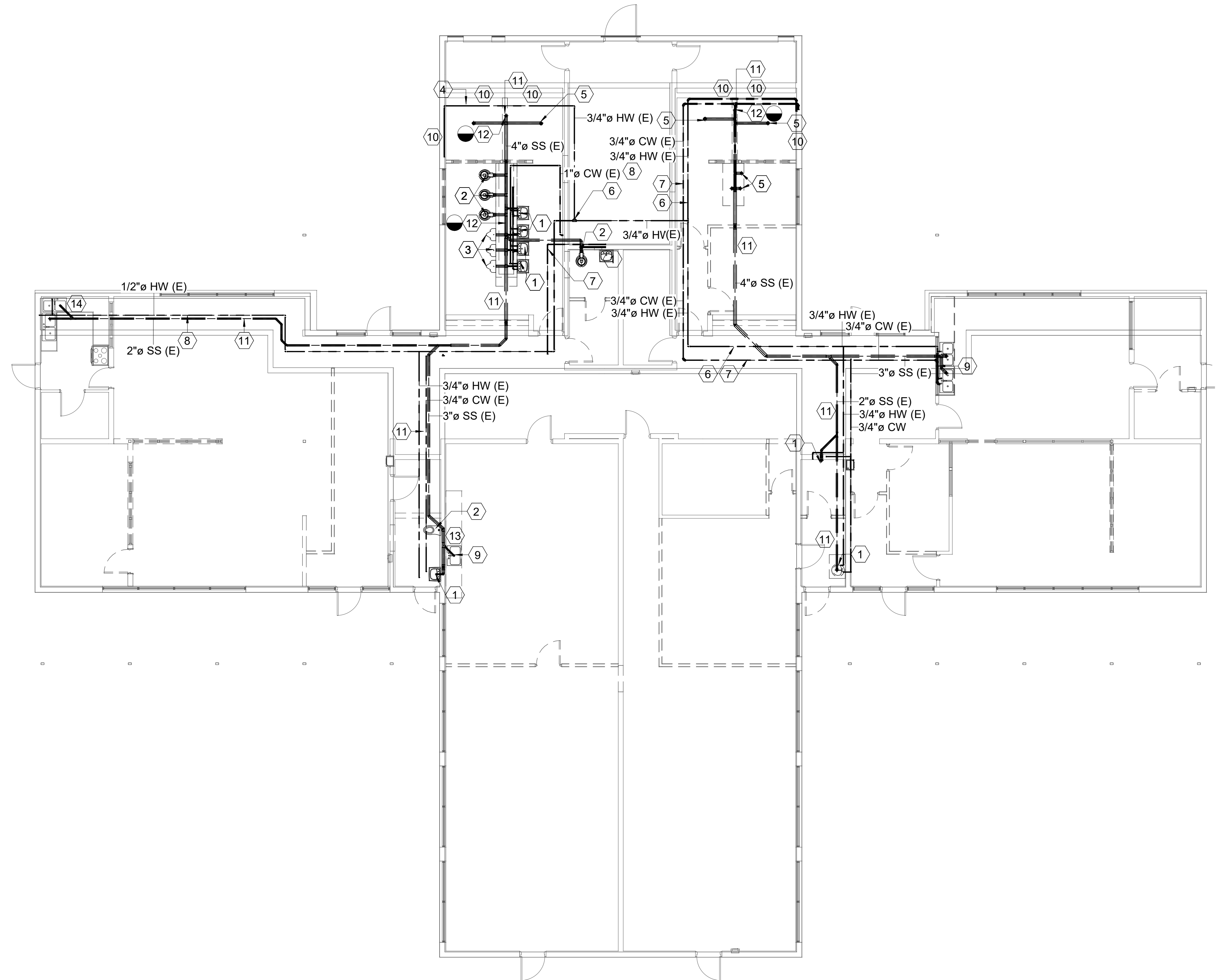


**SHEET NOTES**

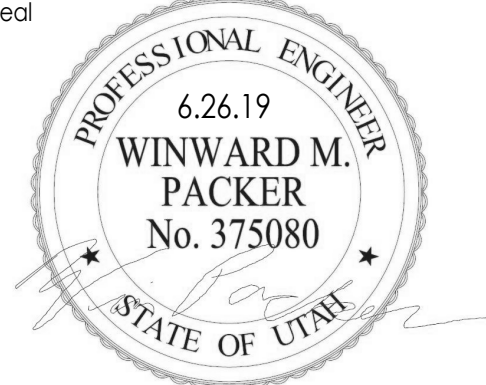
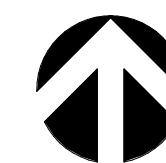
- 1 REMOVE EXISTING LAVATORY AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 2 REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 3 REMOVE EXISTING URINAL AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 4 REMOVE EXISTING FLOOR DRAIN IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 5 REMOVE EXISTING FLOOR DRAIN IN THIS APPROXIMATE LOCATION. FIELD VERIFY. PATCH AND REPAIR FLOOR.
- 6 REMOVE EXISTING DOMESTIC HOT WATER BACK TO THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 7 REMOVE EXISTING DOMESTIC COLD WATER BACK TO THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 8 EXISTING DCW/DHW IN THIS APPROXIMATE LOCATION
- 9 REMOVE EXISTING BREAK SINK AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 10 REMOVE EXISTING SHOWER FIXTURE IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 11 DISCONNECT AND REMOVE ALL SANITARY SEWER IN TUNNEL.
- 12 REMOVE SANITARY SEWER AND ROOF DRAIN BACK TO THIS APPROXIMATE LOCATION WERE WASTE PIPING LEAVES THE BUILDING THROUGH THE FLOOR.
- 13 REMOVE EXISTING SERVICE SINK AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 14 EXISTING BREAK SINKS IN THIS APPROXIMATE LOCATION SHALL REMAIN.

**GENERAL NOTES**

THE INTENT IS TO REMOVE ALL EXISTING CAST IRON SANITARY SEWER PIPING IN WATER GROUND PLENUM AND REPLACE. FIELD VERIFY ALL BRANCHES AND CONNECTIONS.



**1 LEVEL 1 PLUMBING DEMOLITION PLAN**  
 PD101 | SCALE: 1/8" = 1'-0"



**OWTC COSMETOLOGY**

**REMODEL**

200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
 SAA Project No. 219008  
 Drawing Title \_\_\_\_\_

**LEVEL 1 PLUMBING DEMOLITION PLAN**

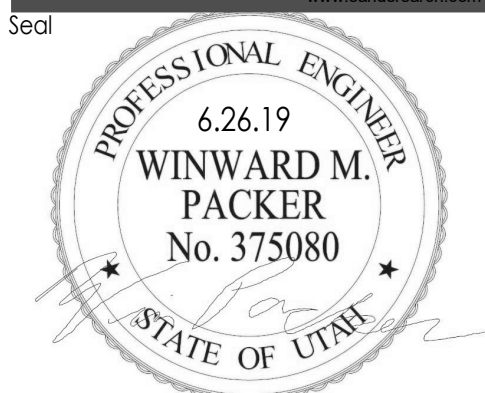
Sheet Number

**PD101**

DFCM approval

**SHEET NOTES**

- 1 PROVIDE NEW LAV IN THIS APPROXIMATE LOCATION. SEE PLUMBING SCHEDULE FOR BASIS OF DESIGN. TIE HOT WATER RECIRC PIPING INTO FIXTURE WITHIN 2 FEET.
- 2 PROVIDE DOMESTIC WATER PIPING RISER IN THIS APPROXIMATE LOCATION TO SERVE PLUMBING FIXTURE.
- 3 PROVIDE NEW SERVICE SINK IN THIS APPROXIMATE LOCATION. SEE PLUMBING SCHEDULE FOR BASIS OF DESIGN.
- 4 TIE EXISTING DCW INTO NEW DCW PIPING IN THIS APPROXIMATE LOCATION.
- 5 TIE EXISTING DHW INTO NEW DHW PIPING IN THIS APPROXIMATE LOCATION.
- 6 PROVIDE NEW WATER CLOSET IN THIS APPROXIMATE LOCATION. SEE PLUMBING SCHEDULE FOR BASIS OF DESIGN.
- 7 INSTALL WATER HAMMER ARRESTOR FOR WASHER BOX IN THIS APPROXIMATE LOCATION.



**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision

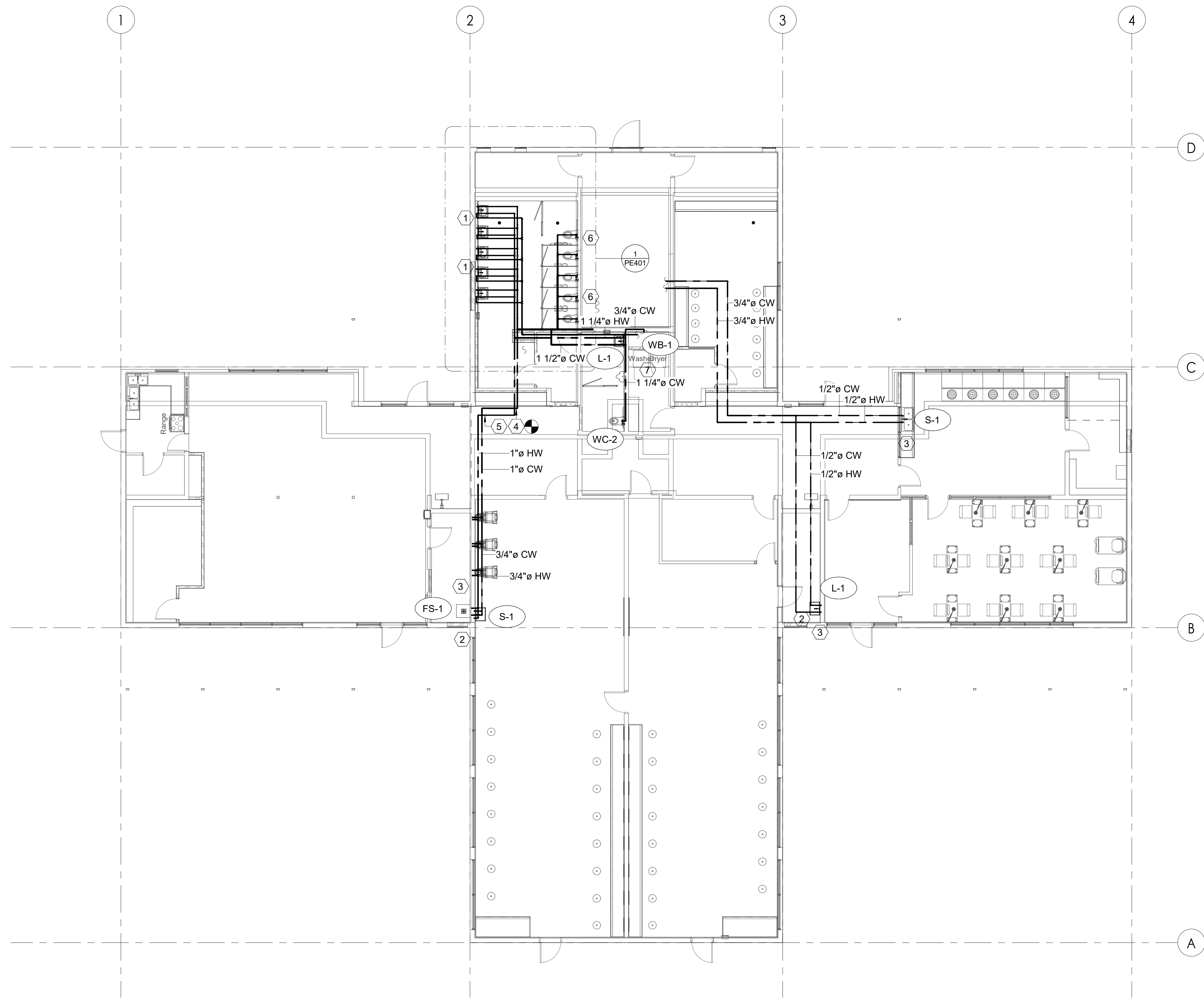
No.	Date	Description

DFCM Project No.  
 SAA Project No. 219008  
 Drawing Title

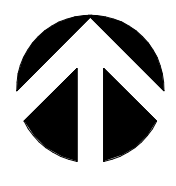
LEVEL 1 PLUMBING PLAN

Sheet Number  
**PE101**

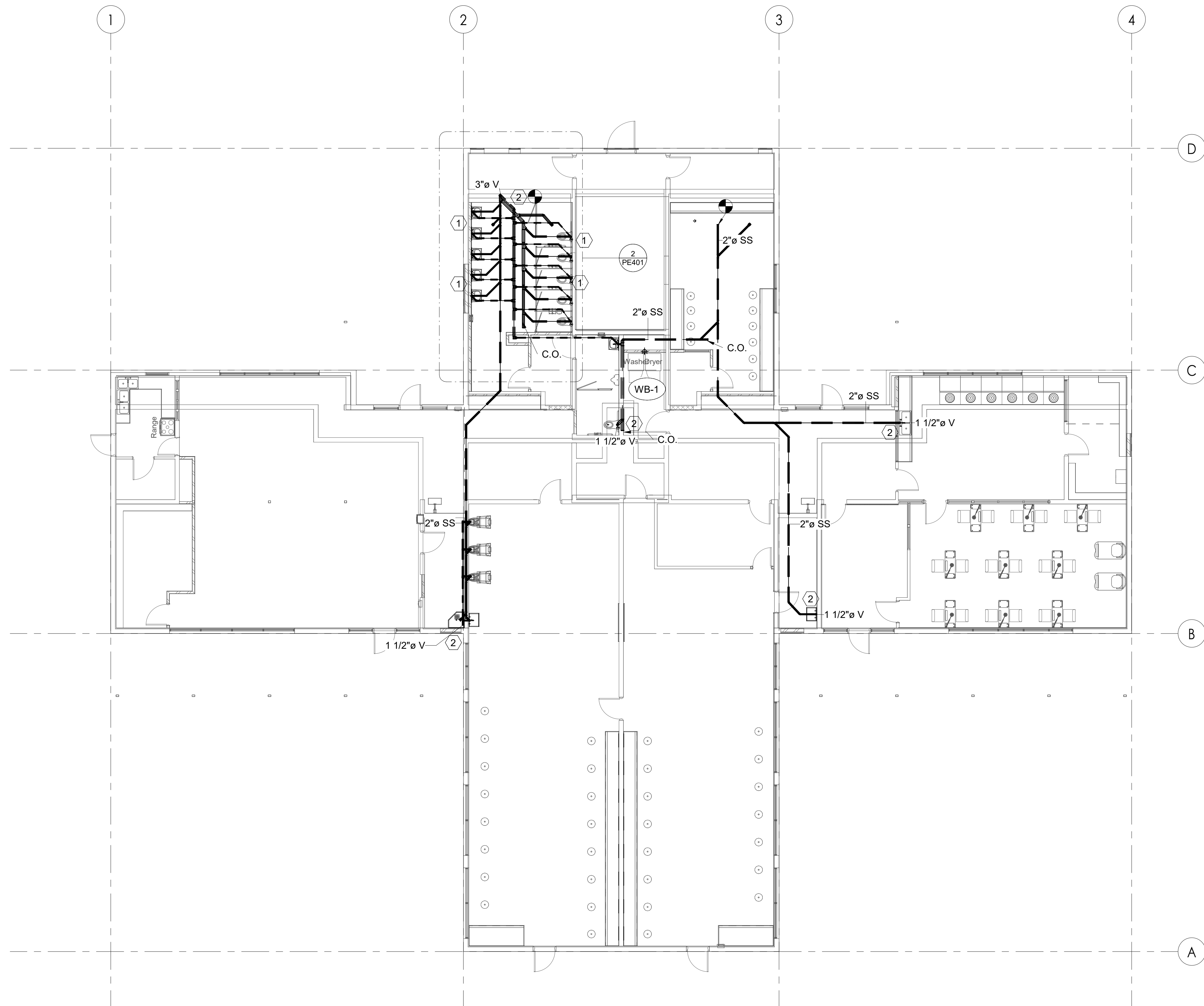
DFCM approval



**1 LEVEL 1 PLUMBING PLAN**  
 PE101 | SCALE: 1/8" = 1'-0"



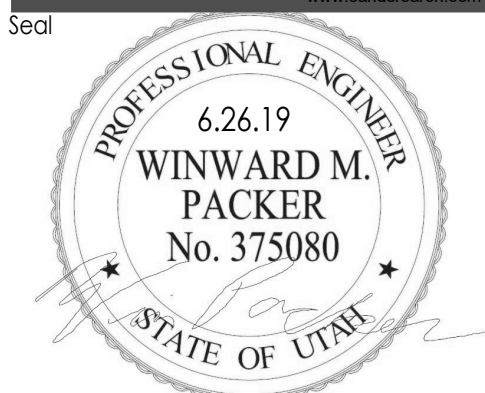
Grid lines 1, 2, 3, 4, 5 (horizontal) and A, B, C, D (vertical) are shown as dashed lines across the drawing area.



**SHEET NOTES**

- 1 TIE SANITARY SEWER AND VENT PIPING INTO PLUMBING FIXTURE IN THIS APPROXIMATE LOCATION.
- 2 PROVIDE VENT THROUGH ROOF IN THIS APPROXIMATE LOCATION. FIELD VERIFY.

**1 LEVEL 1 SANITARY SEWER AND VENT**  
 PE102 | SCALE: 1/8" = 1'-0"



Consultant  
**WHW**  
**ENGINEERING INC.**  
 PROFESSIONAL MECHANICAL ENGINEERING  
 8619 Sandy Parkway Suite 101  
 Sandy, Utah 84070  
 801-466-4021, fax 466-8536  
 Email: excellence@whw-engineering.com

Project Name  
**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

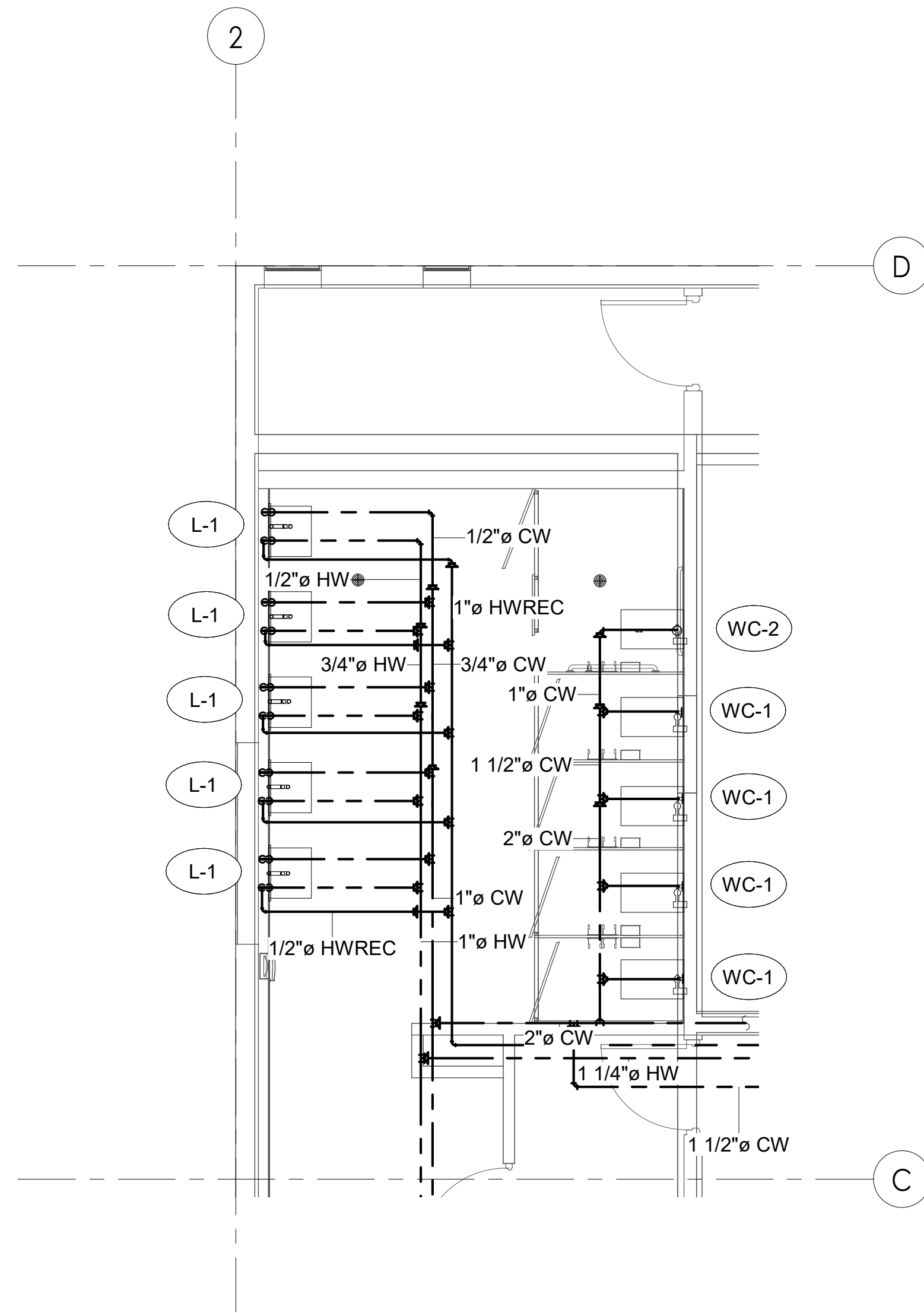
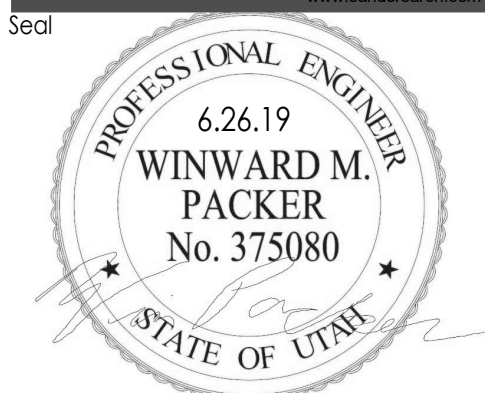
Issued		
No.	Date	Description

Revision		
No.	Date	Description

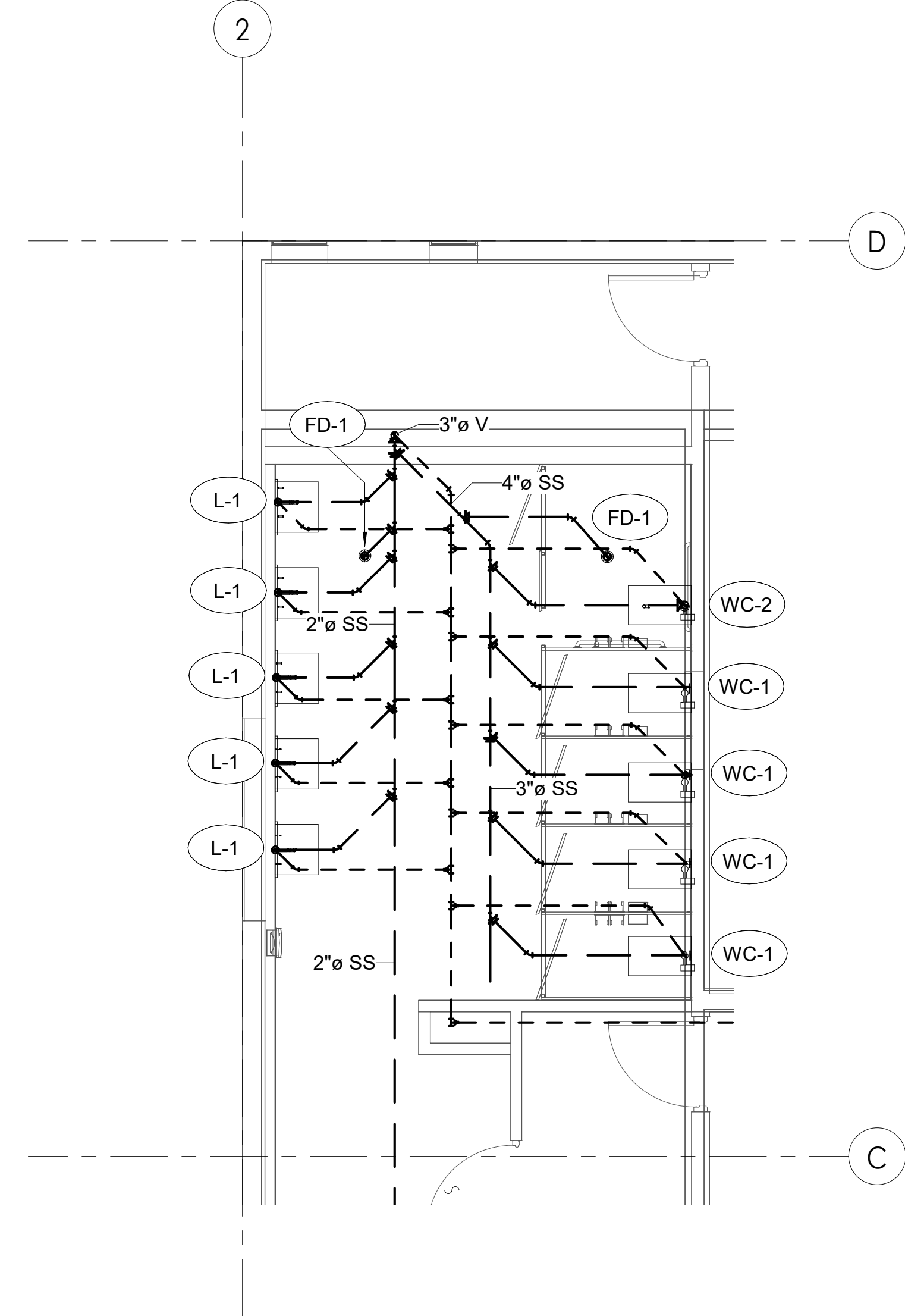
DFCM Project No.  
 SAA Project No. 219008  
 Drawing Title

**SANITARY SEWER AND VENT**

Sheet Number  
**PE102**



**1 LEVEL 1 BATHROOM CALLOUT PLUMBING PLAN**  
PE401 | SCALE: 1/4" = 1'-0"



**2 LEVEL 1 BATHROOM CALLOUT DWV PLAN**  
PE401 | SCALE: 1/4" = 1'-0"

**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

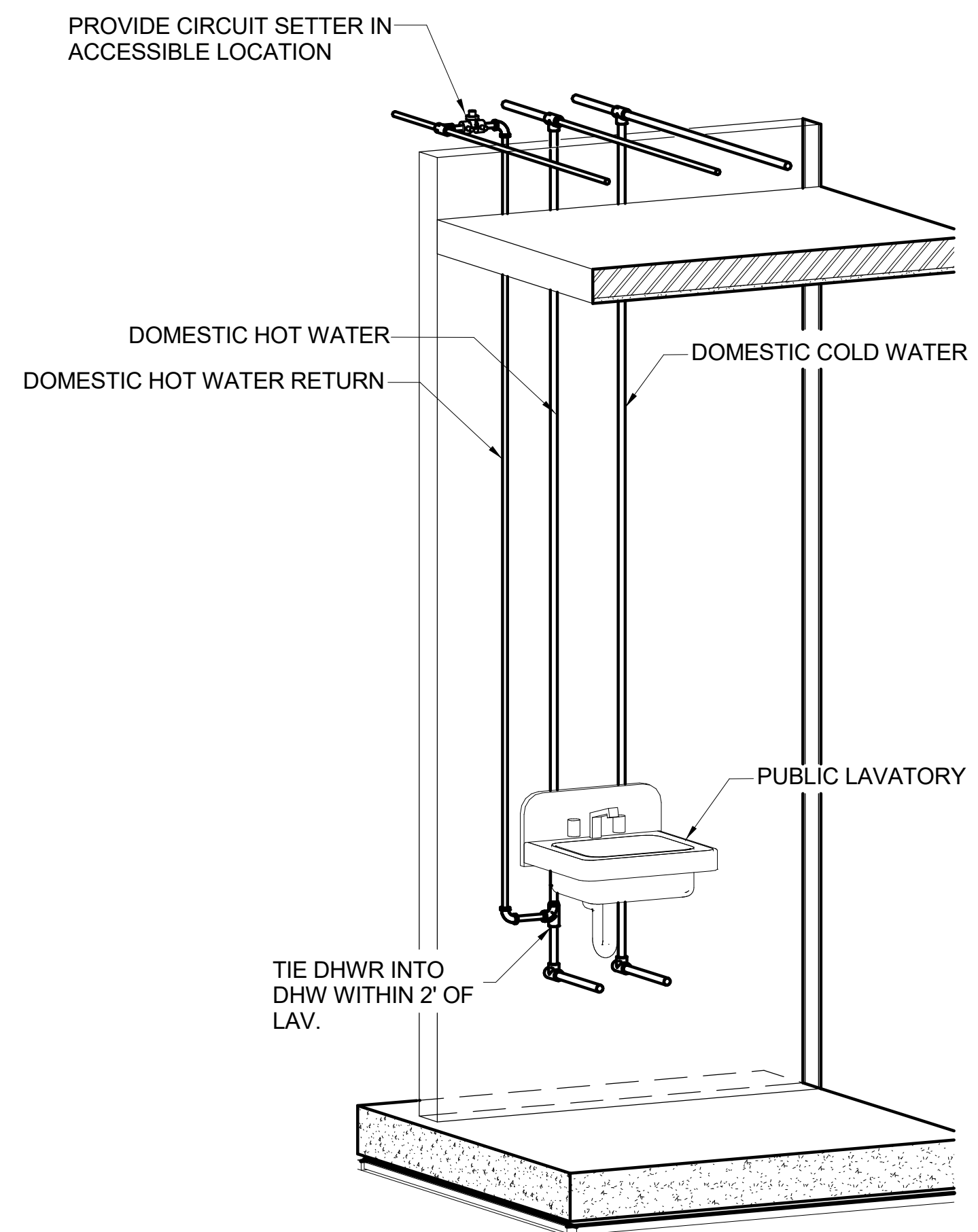
Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
SAA Project No. 219008  
Drawing Title

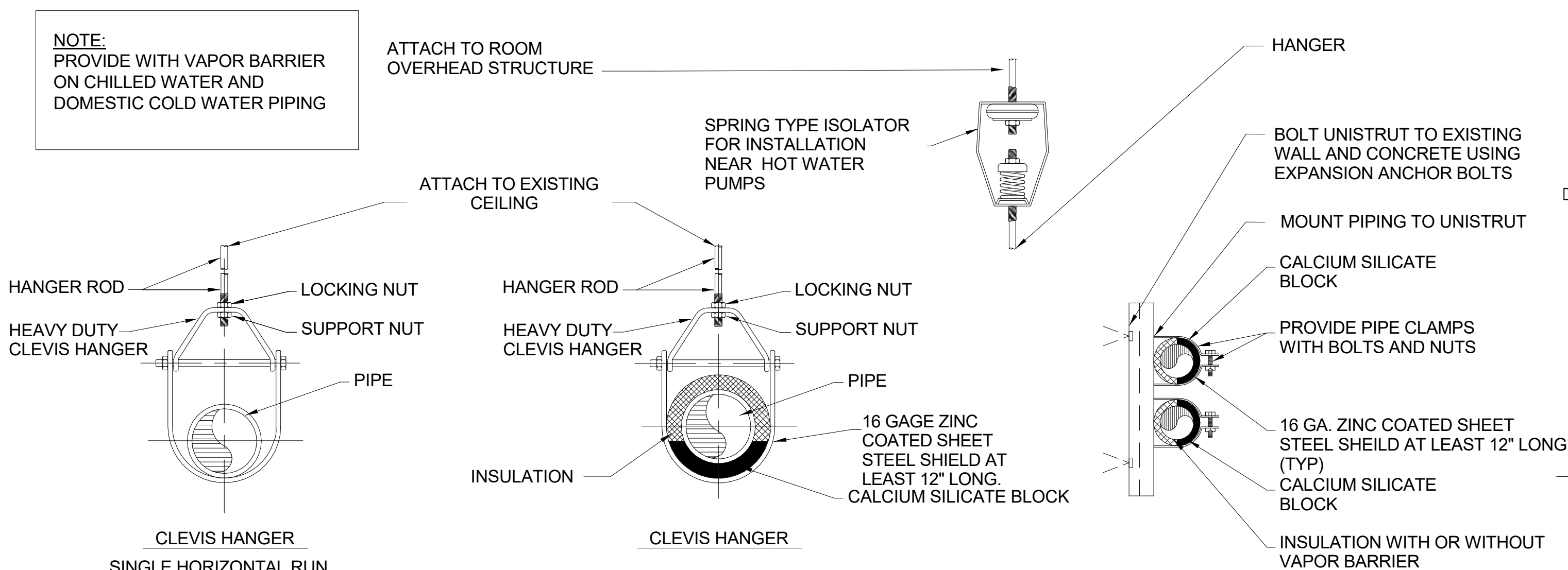
ENLARGED BATHROOM PLANS

Sheet Number

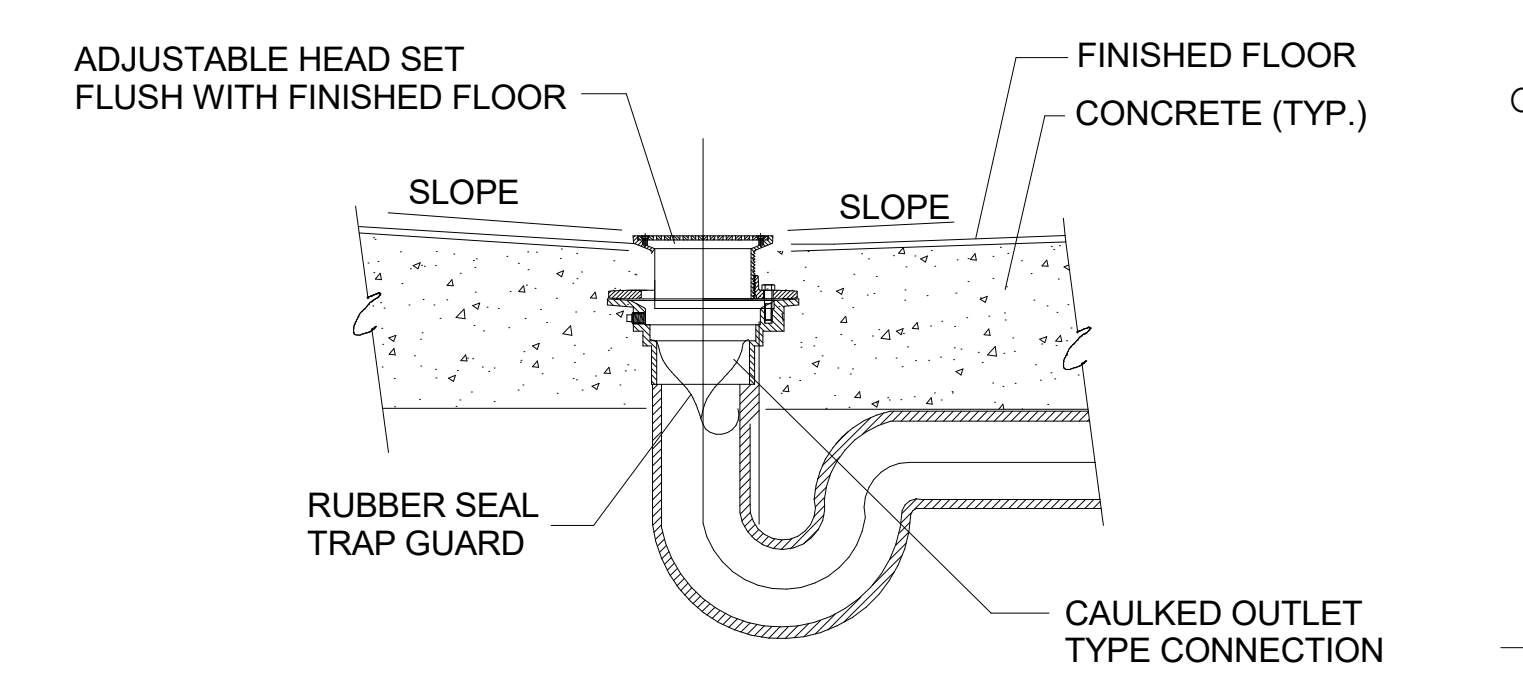
**PE401**



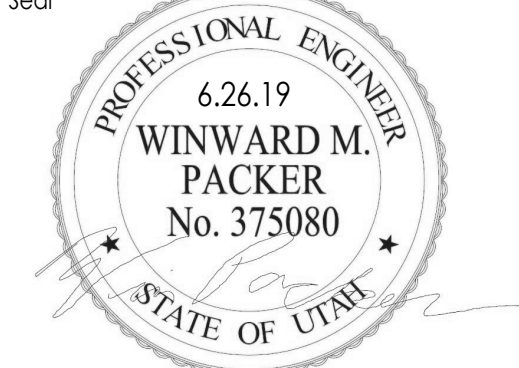
**B2** DOMESTIC HOT WATER RETURN DETAIL  
SCALE: NONE



**C4** PIPE HANGER DETAIL



**B4** FLOOR DRAIN W/ TRAP GUARD DETAIL  
SCALE: NONE



OWTC COSMETOLOGY  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No.  
SAA Project No. 219008  
Drawing Title

PLUMBING DETAILS

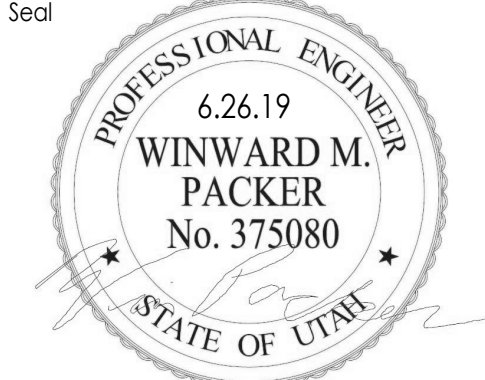
Sheet Number

PE501

DFCM approval

PLUMBING FIXTURE SCHEDULE <span style="float: right;">TAG</span>							
FIXTURE NUMBER	FIXTURE	PLUMBING PIPE SIZES					REMARKS
		TRAP	WASTE	VENT	COLD WATER	HOT WATER	
FS-1	FLOOR SINK	3"	3"	2"	0"	0"	PROVIDE WITH TRAP GUARD. WATTS FS-712 OR EQUAL.
L-1	LAVATORY	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	WALL MOUNTED. PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE. PROFLO PF5514WH WITH SYMMONS SS202IPFR OR EQUAL.
S-1	SINK	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	COUNTER MOUNTED DROP IN STAINLESS STEEL SINK. PROVIDE WITH THERMOSTATIC AND PRESSURE MIXING VALVE. JUST 18 GAUGE OR EQUAL.
WB-1	WASHER WALL BOX	2"	2"	1 1/2"	1/2"	1/2"	PROVIDE WASHER WALL BOX WITH HOT AND COLD WATER SHUTOFFS AND WASTE STAND PIPE. GUY GRAY B200 OR EQUAL.
WC-1	WATER CLOSET	0"	3"	2"	1"	0"	WALL MOUNTED FLUSH VALVE WATER CLOSET. 1.6 GPF. KOHLER K-4330 OR EQUAL WITH BATTERY SENSOR FLUSH VALVE.
WC-2	WATER CLOSET	0"	3"	2"	1"	0"	ADA COMPLIANT. FLOOR MOUNTED FLUSH VALVE WATER CLOSET. 1.6 GPF. AMERICAN STANDARD NEOLO OR EQUAL WITH BATTERY SENSOR FLUSH VALVE.

1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.



**WHW ENGINEERING INC.**  
 PROFESSIONAL MECHANICAL ENGINEERING  
 8619 Sandy Parkway Suite 101  
 Sandy, Utah 84070  
 801-466-4021, fax 466-8536  
 Email: excellence@whw-engineering.com

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
 SAA Project No. 219008  
 Drawing Title \_\_\_\_\_

PLUMBING SCHEDULES

Sheet Number  
**PE601**

DFCM approval

## MECHANICAL LEGEND

SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION	SYMBOL	ABR.	DESCRIPTION
<b>GENERAL TERMINOLOGY</b>			<b>AIR SIDE</b>			<b>WET SIDE</b>			<b>WET SIDE</b>		
		SECTION LETTER DESIGNATION SECTION DRAWN ON THIS SHEET			EXISTING AIR DUCT TO BE REMOVED			PUMP			PITCH DOWN
		DETAIL NUMBER DESIGNATION CORRESPONDING WITH GRID LOCATION			EXISTING AIR DUCT TO REMAIN			REGULATOR			ELBOW UP/DN
		MECHANICAL EQUIPMENT DESIGNATION EQUIPMENT ITEM DESIGNATION			NEW AIR DUCT			UNION			TEE UP/DN
		REGISTER, GRILLE OR DIFFUSER DESIGNATION WITH BALANCING CFM LISTED BELOW			RECT TO RECT AIR DUCT TAKE-OFF			MANUAL ACTUATOR			EXISTING PIPING TO BE REMOVED
		GRILLE OR LOUVER DESIGNATION WHERE BALANCING NOT REQUIRED			RECT TO RND AIR DUCT TAKE-OFF			PNEUMATIC DIAPHRAM ACTUATOR			EXISTING PIPING TO REMAIN
		REVISION DESIGNATOR AND NUMBER			RND TO RND AIR DUCT TAKE-OFF			ELECTRIC MOTOR ACTUATOR			NEW PIPING
		KEY NOTE DESIGNATOR AND NUMBER			MEDIUM PRESSURE TAKE-OFF			SOLENOID ACTUATOR			PIPE CAP OR PLUG
	POC	POINT OF CONNECTION			FLEXIBLE AIR DUCT			BUTTERFLY VALVE			REDUCER - CONCENTRIC / ECCENTRIC
	POR	POINT OF REMOVAL			LINED DUCT			GATE VALVE			EXPANSION JOINT
	AFF	ABOVE FINISHED FLOOR			RADIUS ELBOW			GLOBE VALVE - STRAIGHT PATTERN			FLEXIBLE CONNECTION
	AP	ACCESS PANEL			ECCENTRIC DUCT TRANSITION			GLOBE VALVE - ANGLE PATTERN			ANCHOR POINT
	C EL.	CENTERLINE ELEVATION			CONCENTRIC DUCT TRANSITION			MOTORIZED 2-WAY CONTROL VALVE		CD	CONDENSATE DRAIN
	GC	GENERAL CONTRACTOR			VOLUME DAMPER			MOTORIZED 3-WAY CONTROL VALVE		G	NATURAL GAS PIPING
	MC	MECHANICAL CONTRACTOR			SUPPLY AIR DIFFUSER		PRV	PRESSURE REDUCING VALVE		CF	CHEMICAL FEED LINE
	ATC	CONTROLS CONTRACTOR			RETURN & TRANSFER AIR GRILLE			CHECK VALVE		GF	GLYCOL FILL LINE
	EC	ELECTRICAL CONTRACTOR			EXHAUST GRILLE OR CEILING EXH. FAN			CIRCUIT BALANCING VALVE		MU	MAKE-UP WATER LINE
	FPC	FIRE PROTECTION CONTRACTOR			RETURN & OUTSIDE AIR DUCT UP/DN			BALL VALVE		CW	CULINARY COLD WATER
	NIC	NOT IN CONTRACT			RETURN & OA ROUND DUCT UP/DN			PRESSURE RELIEF VALVE		HW	CULINARY HOT WATER
	NTS	NOT TO SCALE			SUPPLY AIR DUCT UP/DN			THERMAL RELIEF VALVE		HWREC	CULINARY HOT WATER RECIRC
	VCP	VITRIFIED CLAY PIPE			SUPPLY AIR ROUND DUCT UP/DN			SAFETY RELIEF VALVE		HWS	HEATING WATER SUPPLY
	C	COMMON			EXHAUST AIR DUCT UP/DN			PLUG VALVE		HWR	HEATING WATER RETURN
	NC	NORMALLY CLOSED			EXHAUST AIR ROUND DUCT UP/DN			NEEDLE VALVE		CHWS	CHILLED WATER SUPPLY
	NO	NORMALLY OPEN		AP	ACCESS PANEL			TRIPLE DUTY VALVE		CHWR	CHILLED WATER RETURN
					EXISTING EQUIPMENT TO BE REMOVED			AUTOMATIC AIR VENT		HTWS	HIGH TEMP HEATING WATER SUPPLY
					EXISTING EQUIPMENT TO REMAIN			MANUAL AIR VENT		HTWR	HIGH TEMP HEATING WATER RETURN
					NEW EQUIPMENT			STRAINER		LPS	LOW PRESSURE STEAM
				SA	SUPPLY AIR			STRAINER W/ PLUG BLOW OFF		LPR	LOW PRESSURE STEAM RETURN
				RA	RETURN AIR			VENTURI		HPS	HIGH PRESSURE STEAM
				EA	EXHAUST AIR			PRESSURE GAUGE W/ COCK - WATER		HPR	HIGH PRESSURE STEAM RETURN
				OA	OUTSIDE AIR			PRESSURE GAUGE W/ COCK - STEAM		CS	CONDENSER SUPPLY
				MA	MIXED AIR			THERMOMETER & THERMOWELL		CR	CONDENSER RETURN
				RF	RELIEF AIR			WATER TEMP SENSOR & THERMOWELL		PC	PUMPED CONDENSATE
				FO	FLAT OVAL			FLOW SWITCH		L	REFRIGERANT LIQUID
				MVD	MOTORIZED VOLUME DAMPER			PRESSURE SWITCH		S	REFRIGERANT SUCTION
				BD	BACKDRAFT DAMPER			THERMOWELL		HG	REFRIGERANT HOT GAS
				FD	FIRE DAMPER			PRESSURE & TEMP TAP		FOS	FUEL OIL SUPPLY
				SD	SMOKE DAMPER			INVERTED BUCKET STEAM TRAP		FOR	FUEL OIL RETURN
				FS	FIRE & SMOKE DAMPER			THERMOSTATIC STEAM TRAP		FOV	FUEL OIL VENT
				T-STAT	WALL MOUNTED THERMOSTAT			FLOAT & THERMOSTATIC STEAM TRAP			
					WALL MOUNTED TEMP. SENSOR			DIRECTION OF FLOW			
				H-STAT	WALL MOUNTED HUMIDISTAT			BACKFLOW PREVENTING VALVE			
				F-STAT	WALL MOUNTED FIRESTAT						

### GENERAL NOTES

**G-1** - MECHANICAL INFORMATION IS NOT LIMITED TO THE MECHANICAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION OF THE EXISTING BUILDING AND SITE CONDITIONS, EXISTING PIPING, EXISTING ELECTRICAL, AND EXISTING SUPPORTS.

**A** - EACH DRAWING SHEET AND THE SPECIFICATIONS HAVE BEEN PREPARED TO SUPPLEMENT EACH OTHER AND THEY SHALL BE INTERPRETED AS AN INTEGRAL UNIT WITH ITEMS SHOWN AND NOTED ON ONE AND NOT THE OTHER BEING FURNISHED AND INSTALLED AS THOUGH SHOWN AND CALLED OUT IN ALL PLACES. ITEMS IN SPECIFICATIONS OR DRAWINGS LISTED WHICH ARE DIFFERING IN EFFICIENCY OR QUALITY SHALL BE HELD TO THE GREATEST OF: EFFICIENCY, QUALITY OR GOVERNING CODE.

**B** - THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEMS ACCORDING TO THE TRUE INTENT AND MEANING OF THE CONTRACT DOCUMENTS.

**C** - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH PROPER SERVICE ACCESS AND CLEARANCES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. THE CONTRACTOR SHALL REVIEW SUPPLIERS BID PACKAGES FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS, SCHEDULES, AND DESIGN INTENT (ALL EQUIPMENT AND METHODS). THE CONTRACTOR SHALL REMOVE AND REINSTALL CORRECTLY AT HIS OWN EXPENSE ANY EQUIPMENT NOT IN COMPLIANCE.

**D** - THE CONTRACTOR SHALL CONSULT MANUFACTURERS INSTALLATION INSTRUCTIONS FOR SIZES, METHODS, ACCESSORIES, AND CLEARANCES IN SPACE AVAILABLE PRIOR TO BIDDING PROJECT.

**E** - ANYTHING NOT CLEAR OR IN CONFLICT WILL BE EXPLAINED BY MAKING APPLICATION TO THE ENGINEER IN WRITING.

**G-2** - ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CHANGES FOR APPROVAL. CONTRACTOR SHALL NOT START ANY CHANGES UNTIL NOTIFIED IN WRITING. IF CHANGES ARE MADE PRIOR TO APPROVAL CONTRACTOR SHALL TAKE ALL RESPONSIBILITY FOR THE CHANGES MADE AND ALL COSTS RELATING TO FAILURE OR REPLACEMENT OF ALTERATIONS.

**G-3** - CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND LOCATIONS.

**G-4** - THE WORKING DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND, OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL LOCATIONS FOR MECHANICAL EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL DRAWINGS. THE CONTRACTOR SHALL PROVIDE OR COORDINATE WITH THE GENERAL CONTRACTOR PROVISIONS FOR BLOCKOUTS OR CORE DRILLS THROUGH STRUCTURE.

**G-5** - THE INSTRUCTION TO "PROVIDE" ALSO INCLUDES INSTALLATION.

**G-6** - MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL SMOKE AND FIRE DAMPERS AS REQUIRED BY LOCAL CODES AND AUTHORITIES.

**G-7** - SHEET METAL DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS.

**G-8** - PROVIDE AND INSTALL BALANCING DAMPERS IN ALL SUPPLY AND EXHAUST AIR BRANCH DUCTS. BALANCE TO CFM SHOWN ON PLAN.

**G-9** - SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS AND GRILLES.

**G-10** - PROVIDE TURNING VANES IN ALL ELBOWS OF RECTANGULAR DUCT.

**G-11** - THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY IN HANDLING AND DISPOSING OF REFRIGERANTS, OILS, ETC. ALL SUCH MATERIALS SHALL BE HANDLED, DISPOSED, AND USED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.

**G-12** - THE MECHANICAL CONTRACTOR SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWING BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.

**G-13** - C.F.M. LISTED IS ACTUAL AIR.

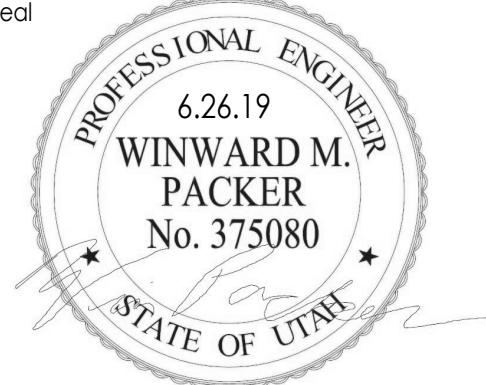
**G-14** - SUPPLIERS SHALL REVIEW ALL DRAWINGS AND THE SPECIFICATIONS PRIOR TO SUBMITTING PRICES TO THE CONTRACTOR. ALL QUESTIONS AND DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO BIDDING.

**G-15** - CONTRACTOR SHALL THOROUGHLY REVIEW AND SIGN SUBMITTALS FOR COMPLETENESS AND COMPLIANCE TO THE SPECIFICATIONS PRIOR TO ENGINEERS REVIEW. SUPPLIERS SHALL HIGHLIGHT OR MARK ALL INFORMATION REQUIRED TO SHOW COMPLIANCE TO THE SPECIFICATIONS. ALL REQUESTED EXCEPTIONS TO THE SPECIFICATIONS, OR SCHEDULES SHALL BE CLEARLY NOTED AND EXPLAINED. SUBMITTAL REVIEW AND ACCEPTANCE IS FOR DESIGN CONCEPT ONLY, AND DOES NOT AT ANY TIME RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO MEET SPECIFICATIONS, CAPACITIES, OR DESIGN INTENT.

**G-16** - ALL MECHANICAL SHALL BE INSTALLED AND CONFORM TO THE 2015 EDITION OF THE IMC AND IPC WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.

**G-17** - THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAINING DOWN AND RE-FILLING OF ALL SYSTEMS NECESSARY TO COMPLETE THE WORK OUTLINED BY THIS PROJECT. THIS INCLUDES PROVIDING THE REQUIRED CHEMICAL TREATMENT WHEN RE-FILLING THE SYSTEM.

**G-18** - ALL PIPING, MATERIALS, ETC. SHALL BE NEW AND DOMESTIC MADE UNLESS SPECIFICALLY AUTHORIZED IN WRITING PRIOR TO BID.



**WHW ENGINEERING INC.**  
PROFESSIONAL MECHANICAL ENGINEERING  
8619 Sandy Parkway Suite 101  
Sandy, Utah 84070  
801-468-0221, fax 468-8536  
Email: excellence@whw-engineering.com

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DCFM Project No. \_\_\_\_\_  
SAA Project No. 219008  
Drawing Title \_\_\_\_\_

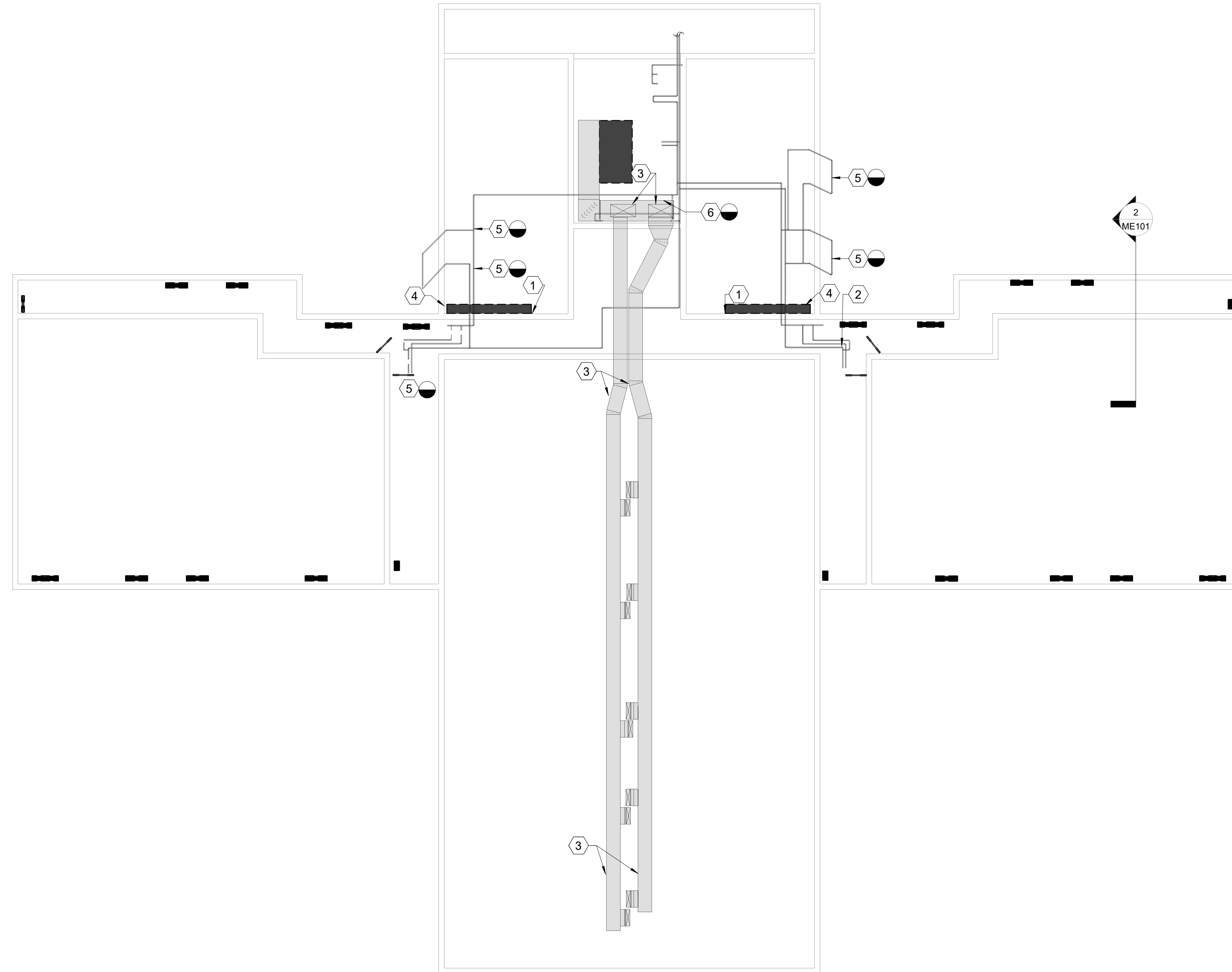
MECHANICAL LEGEND  
AND GENERAL NOTES

Sheet Number

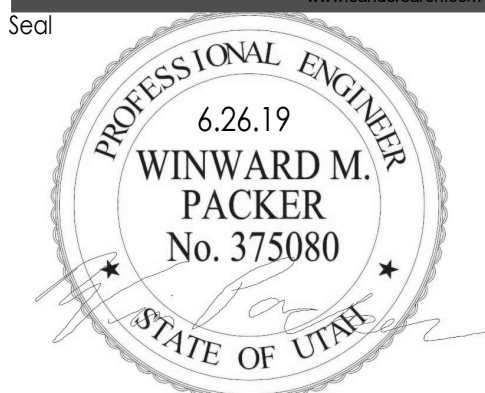
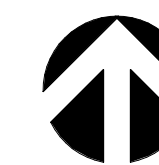
MG001

**SHEET NOTES**

- 1 REMOVE EXISTING WOODEN ACCESS DOOR AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATON. FIELD VERIFY.
- 2 REMOVE EXISTING STEAM COIL AND CONTROLS AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY. MODIFY STEEL PLENUM ACCESS DOOR AS NEEDED FOR INSTALLATION OF NEW DUCTWORK AND STEAM COIL.
- 3 EXISTING DUCTWORK AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION SHALL REMAIN.
- 4 EXISTING RETURN DUCTWORK AND PENETRATION SHALL REMAIN. SEE ME101 FOR NEW RETURN DUCTWORK PLAN.
- 5 REMOVE EXISITNG STEAM AND CONDENSATE PIPING BACK TO THIS APPROXIMATE LOCATION. CAP AT MAIN FIELD VERIFY.
- 6 REMOVE EXISITNG STEAM PIPING SPECIALTIES IN THIS APPROXIMATE LOCATION INCLUDING STRAINER, CONTROL VALVES, TRAPS, ECT. FIELD VERIFY CONFIGURATION. STEAM COIL SHALL REMAIN.



**1 BASEMENT MECHANICAL DEMOLITION PLAN**  
MD100 | SCALE: 1/8" = 1'-0"



Project Name  
**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

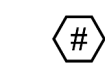
DFCM Project No.  
SAA Project No. 219008  
Drawing Title

**BASEMENT MECHANICAL DEMOLITION PLAN**

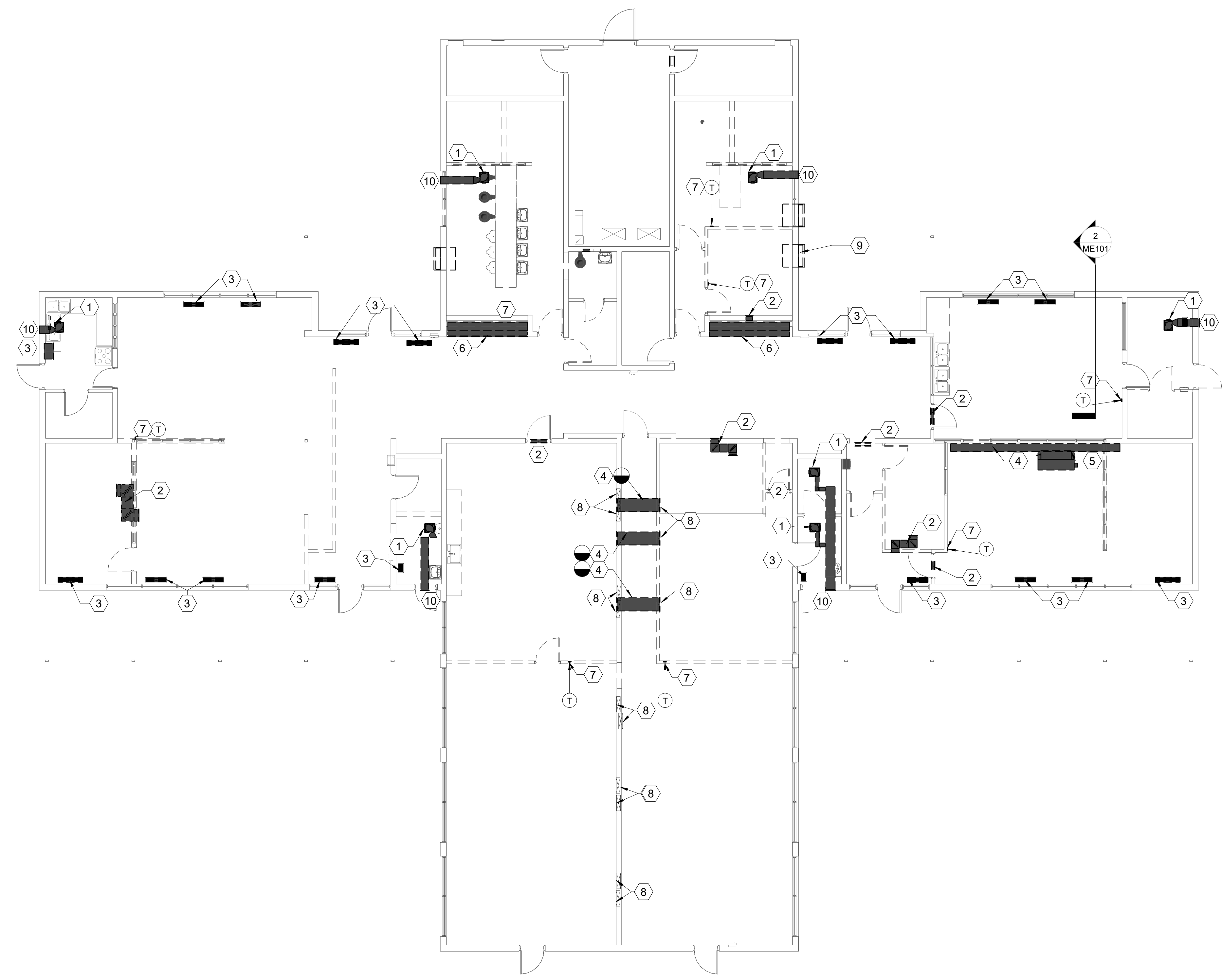
Sheet Number  
**MD100**



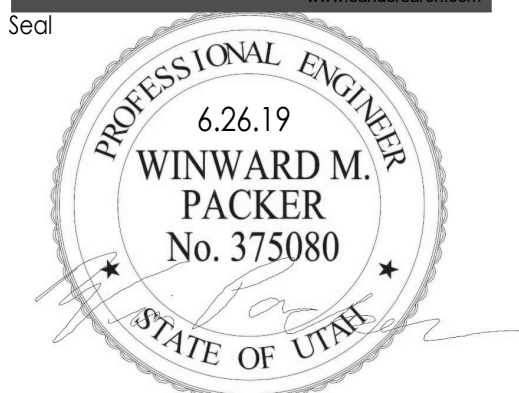
**SHEET NOTES**



- 1 REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. PATCH AND REPAIR PENETRATION THROUGH WALL. FIELD VERIFY. PATCH AND REPAIR CEILING. COORDINATE WITH GC. FIELD VERIFY.
- 2 REMOVE EXISTING TRANSFER AIR DUCTWORK AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATIN. FIELD VERIFY. PATCH AND REPAIR CEILING.
- 3 REMOVE EXISTING FLOOR SUPPLY GRILLE AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY. FLOOR PENETRATION SHALL REMAIN. CLEAN ACCESSIBLE DUCTWORK. PATCH AND REPAIR FLOORING TO FIT NEW FLOOR GRILLES.
- 4 REMOVE EXISTING SUPPY DUCTWORK AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 5 REMOVE EXISTING CEILING MOUNTED FAN COIL UNIT AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 6 EXISTING RETURN GRILLE AND ALL ASSOCIATED ITEMS SHALL REMAIN. COORDIANTE WITH ARCHITECTURAL PLANS AND GC.
- 7 REMOVE EXISTING TEMPERATURE SENSOR IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 8 REMOVE EXISTING SUPPLY GRILLE AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. FIELD VERIFY.
- 9 REMOVE EXISTING CABINET UNIT HEATER AND ALL ASSOCIATED ITEMS IN THIS APPROXIMATE LOCATION. COORDINATE WITH GC FOR WALL REPAIR. REMOVE PIPING TO BELOW FLOOR AND CAP AT MAIN. FIELD VERIFY.
- 10 PATCH AND REPAIR EXTERIOR PENETRATION TO MATCH OR PATCH AND REPAIR EXISITNG PENERATIONS WEATHER TIGHT. PROVIDE ARCHITECTURAL LOUVER. COORDINATE WITH ARCHITECT FOR FINISH.



**1 LEVEL 1 MECHANICAL DEMOLITION PLAN**  
 MD101 | SCALE: 1/8" = 1'-0"



**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision

No.	Date	Description

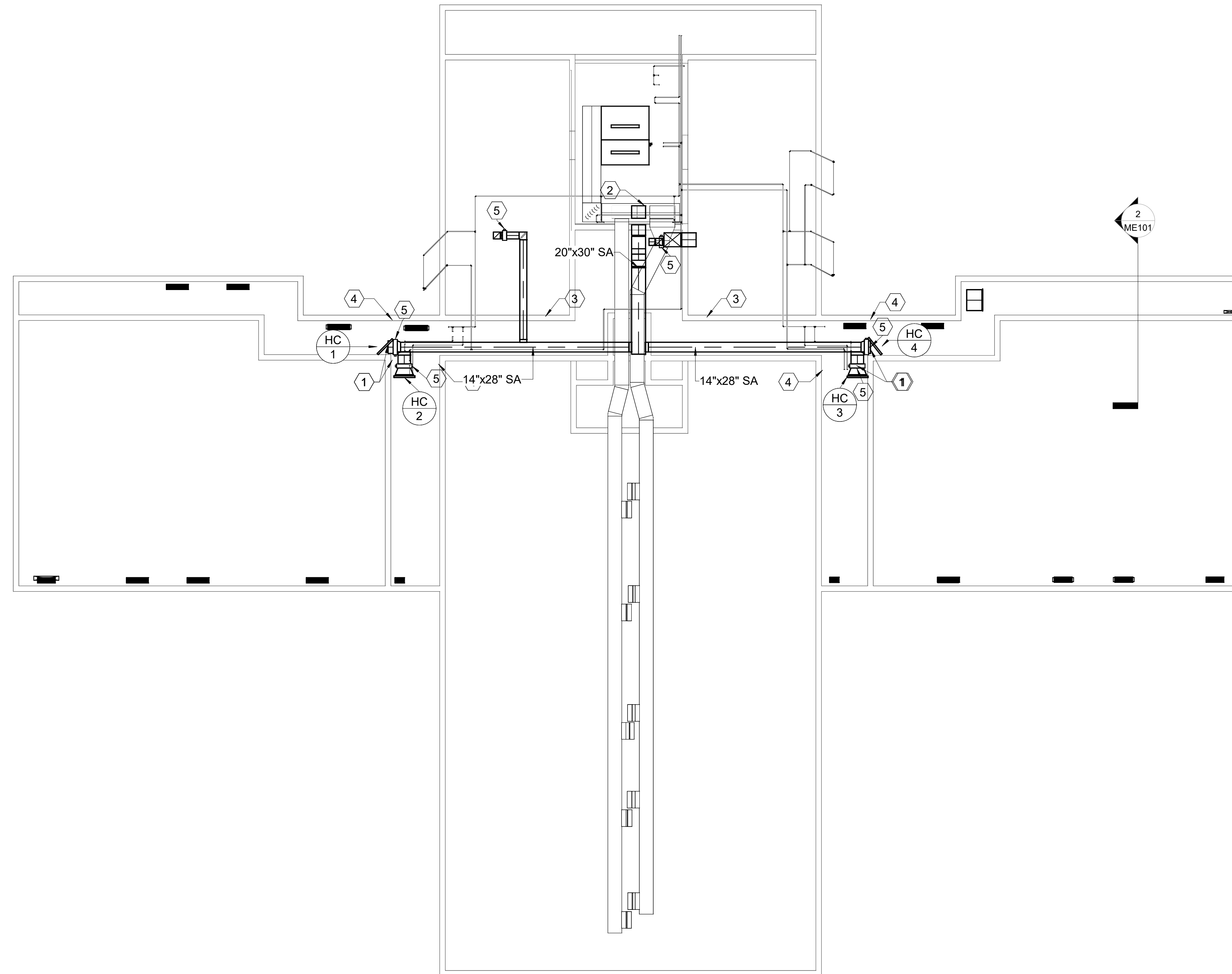
DFCM Project No. \_\_\_\_\_  
 SAA Project No. 219008  
 Drawing Title \_\_\_\_\_

**MECHANICAL DEMOLITION PLAN**

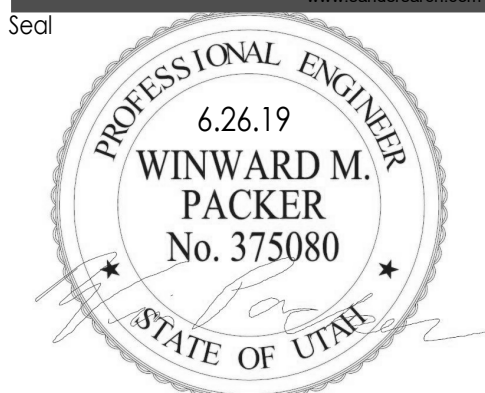
Sheet Number  
**MD101**

**SHEET NOTES**

- 1 PROVIDE NEW STEAM COIL AND CONTROLS IN THIS APPROXIMATE LOCATION. FIELD VERIFY. SEE MECHANICAL SCHEDULES AND MECHANICAL DETAIL SHEETS.
- 2 PROVIDE NEW SUPPLY DUCTWORK IN TUNNEL IN THIS APPROXIMATE LOCATION. TIE INTO EXISTING DUCT PENETRATION SERVING TUNNEL. ROUTE NEW DUCT UNDER EXISTING. SUPPORT FROM FLOOR AND WALLS. SEE SECTION VIEW ON SHEET ME301.
- 3 PROVIDE NEW INSULATED PLENUM ACCESS DOOR IN THIS APPROXIMATE LOCATION. FIELD VERIFY DIMENSIONS.
- 4 PROVIDE NEW PLENUM WALL OFF TO SERVE STEAM COIL AND NEW ACCESS DOOR THAT IS SPRING LOADED TO SELF CLOSE BEHIND.
- 5 PROVIDE VOLUME DAMPER IN THIS APPROXIMATE LOCATION. TIE INTO TEMPRATURE CONTROLS PER ZONE AND MODULATE AIR FLOW PER DEMAND.



**1 BASEMENT MECHANICAL PLAN**  
ME100 | SCALE: 1/8" = 1'-0"



**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision		
No.	Date	Description

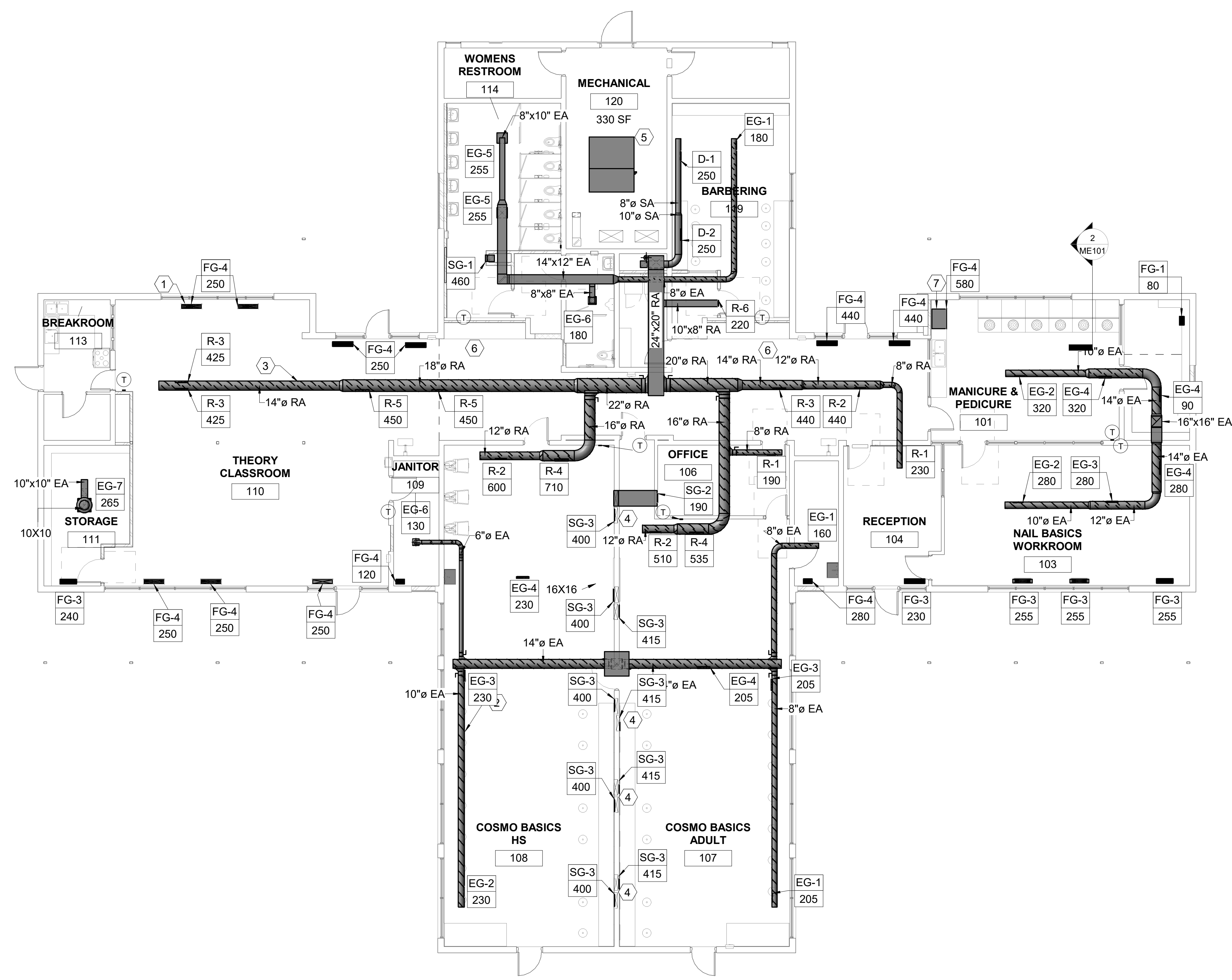
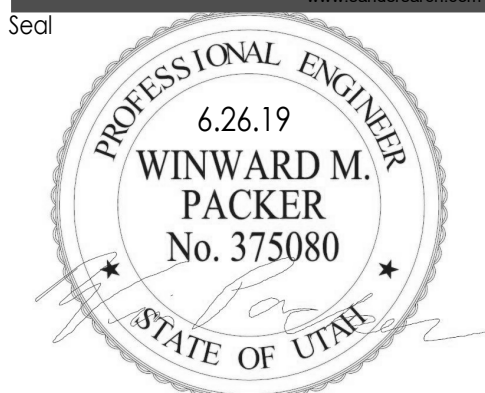
DFCM Project No. \_\_\_\_\_  
SAA Project No. 219008  
Drawing Title

**BASEMENT MECHANICAL PLAN**

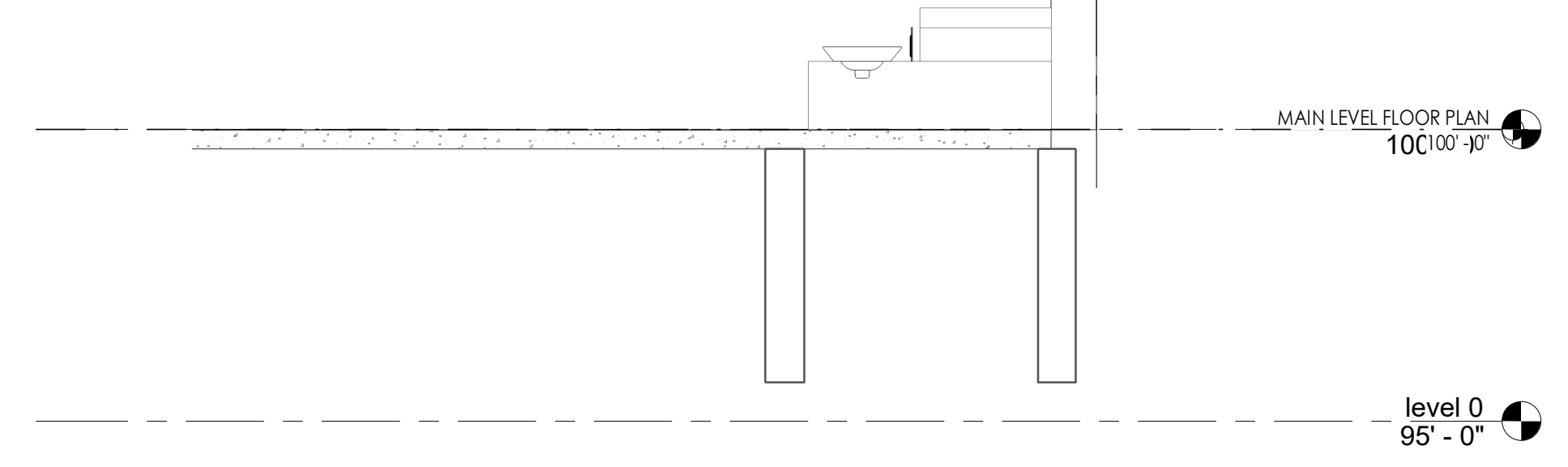
Sheet Number  
**ME100**

**SHEET NOTES**

- 1 PROVIDE NEW OUTSIDE AIR LOUVER DAMPER ACTUATOR IN THIS APPROXIMATE LOCATION. SET TO MINIMUM 30% OUTSIDE AIR.
- 2 PROVIDE NEW EXHAUST GRILLE IN THIS APPROXIMATE LOCATION. PROVIDE ALL EXHAUST ..... BALANCE TO CFM SHOWN.
- 3 SAW CUT FLOOR IN THIS APPROXIMATE LOCATION TO SERVE NEW SUPPLY GRILLE. FIELD VERIFY.
- 4 PROVIDE VOLUME DAMPER IN THIS APPROXIMATE LOCATION. TIE INTO TEMPRATURE CONTROLS PER ZONE AND MODULATE AIR FLOW PER DEMAND.
- 5 COORDINATE WITH ELECTRICAL TO MAXIMIZE AMPS/FAN ROTATION ON AHU SUPPLY FAN. FIELD VERIFY ELECTRICAL CAPACITY WITH ELECTRICAL ENGINEER.
- 6 BLOCK OFF ENTIRE EXISTING FLOOR RETURN UNDER BENCH WITH STAINLESS STEEL. APPROXIMATE DIMENSIONS ARE 1' X 10'. FIELD VERIFY EXACT DIMENSIONS. EXISITNG GRILLE SHALL REMAIN. SEAL EDGES AIR TIGHT. USE FEWEST JOINTS POSSIBLE.
- 7 PROVIDE KICK PLATE UNDER EXISITNG CABINET IN THIS APPROXIMATE LOCATION FOR SUPPLY AIR. FIELD VERIFY.



**1 LEVEL 1 MECHANICAL PLAN**  
ME101 | SCALE: 1/8" = 1'-0"



**2 Section 7**  
ME101 | SCALE: 3/8" = 1'-0"

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
SAA Project No. 219008  
Drawing Title

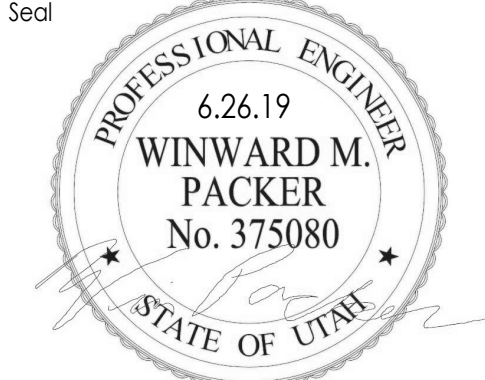
**LEVEL 1 MECHANICAL PLAN**

Sheet Number

**ME101**

**SHEET NOTES**

- 1 EXISTING EXHAUST FANS SHALL REMAIN.
- 2 PROVIDE NEW EXHAUST FAN ON ROOF IN THIS APPROXIMATE LOCATION. FIELD VERIFY. SEE ME101 FOR CONTINUATION OF DUCTWORK BELOW. SEE MECHANICAL DETAILS FOR INSTALLATION. SEAL PENETRATIONS WEATHER TIGHT. PATCH AND REPAIR ROOF. SEE MECHANICAL SCHEDULE.



Project Name  
**OWTC COSMETOLOGY**  
 REMODEL  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Issued		
No.	Date	Description

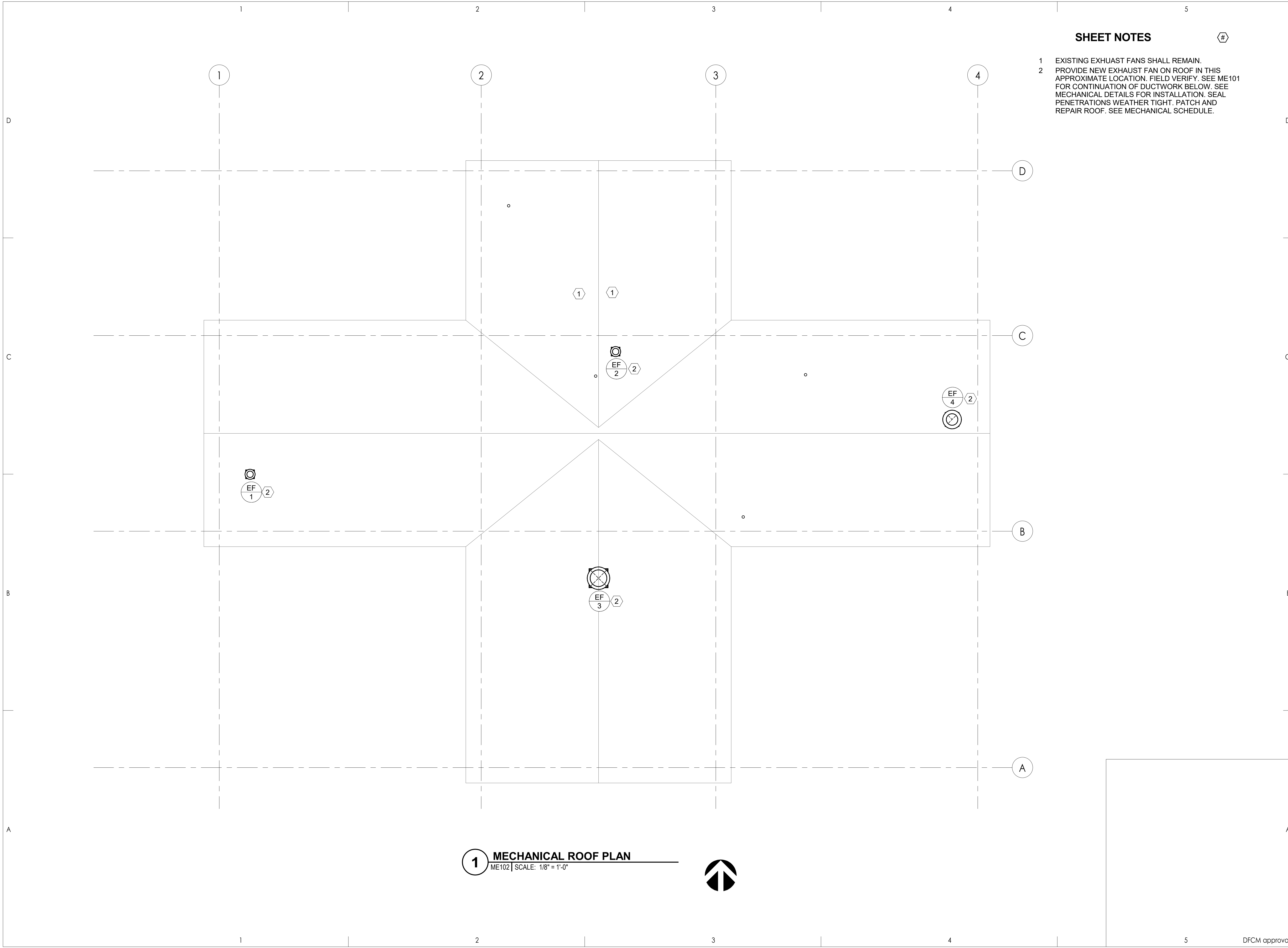
Revision		
No.	Date	Description

DFCM Project No.  
 SAA Project No. 219008  
 Drawing Title

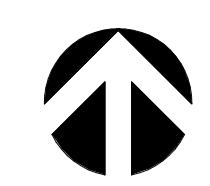
**MECHANICAL ROOF PLAN**

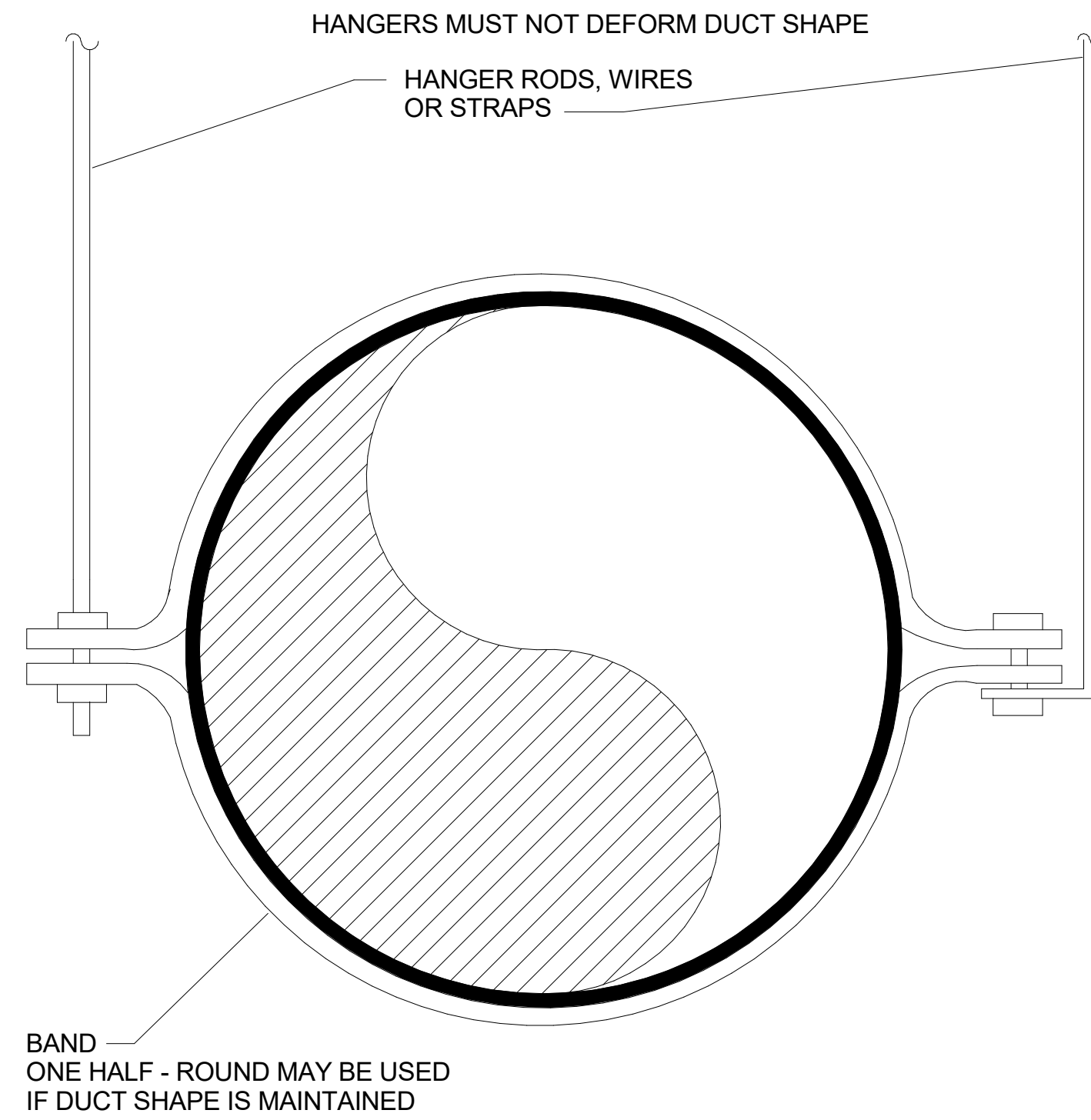
Sheet Number  
**ME102**

DFCM approval

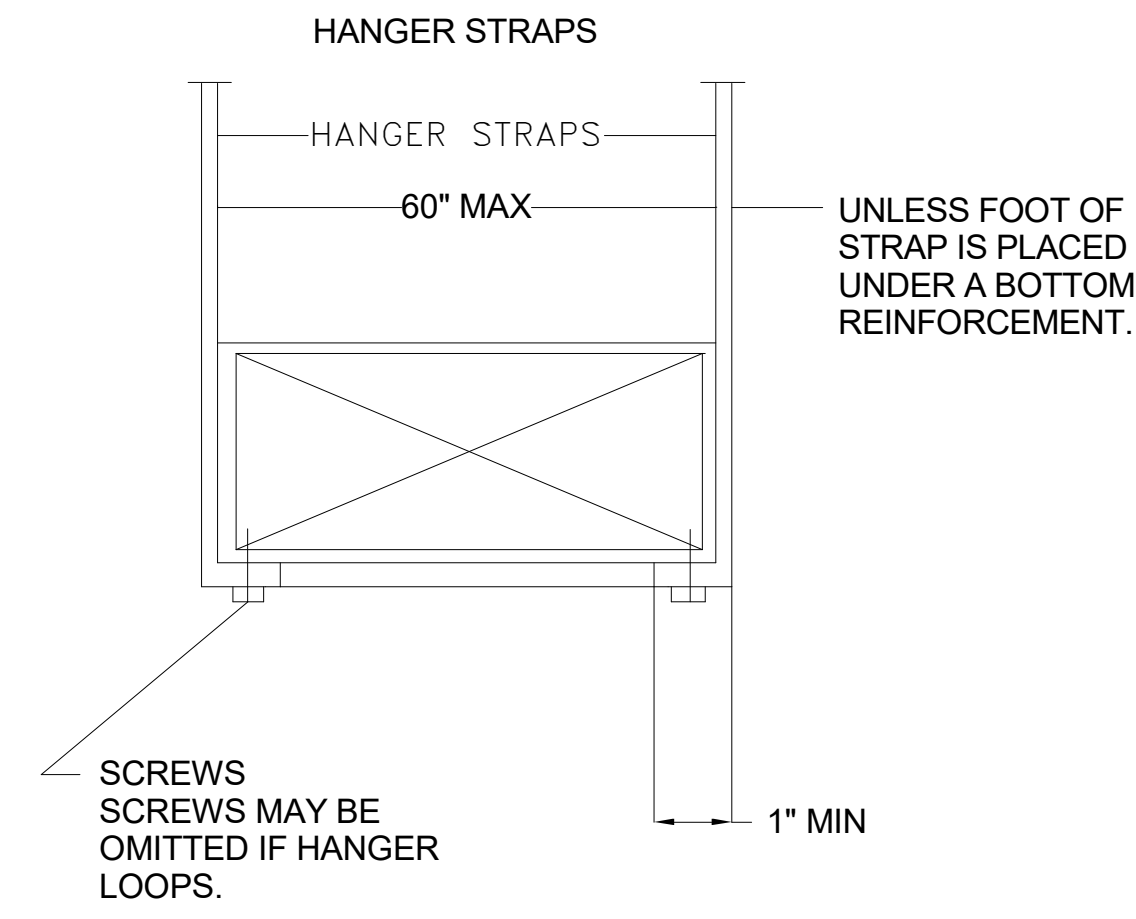


**1 MECHANICAL ROOF PLAN**  
 ME102 | SCALE: 1/8" = 1'-0"

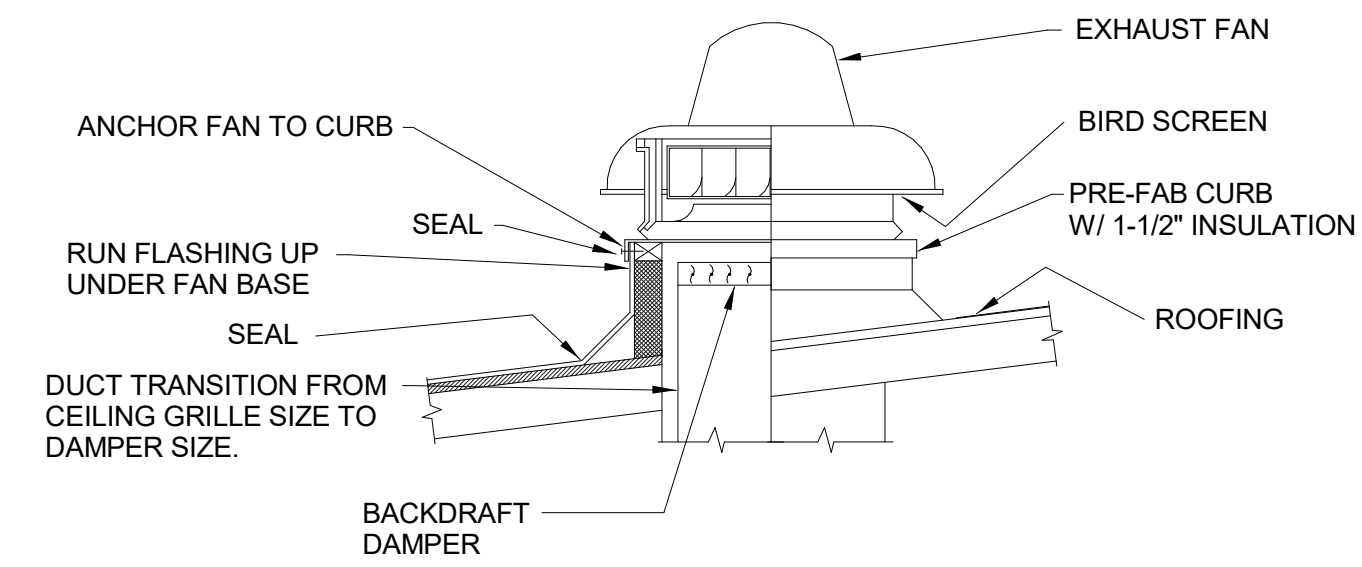




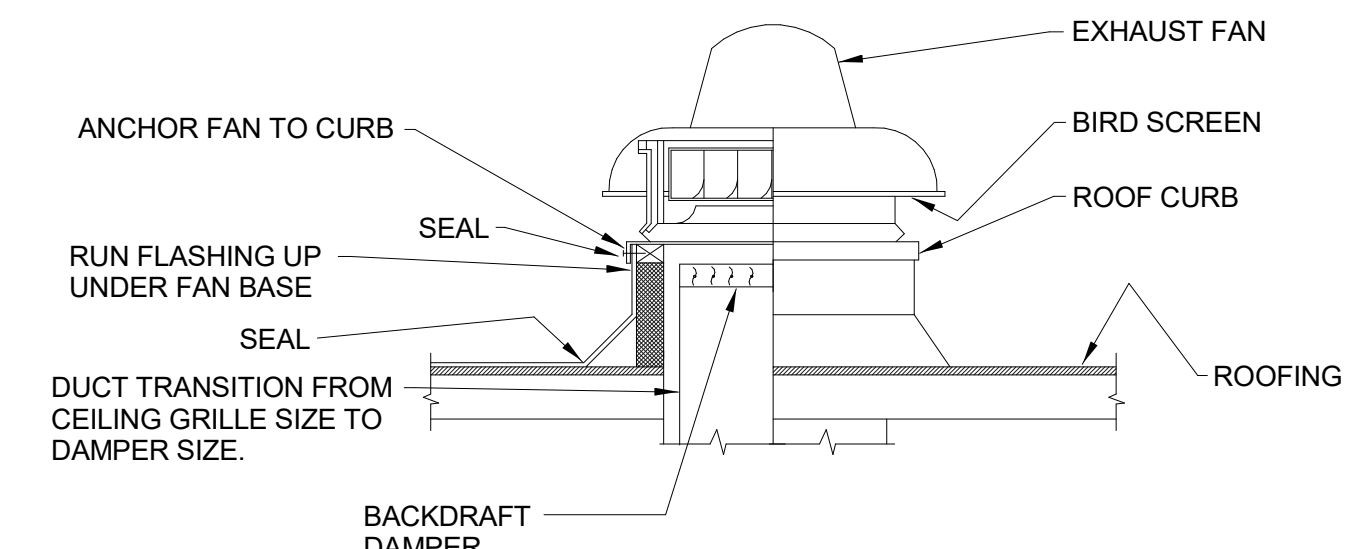
**C1 DUCT SUPPORTS**  
SCALE: NONE



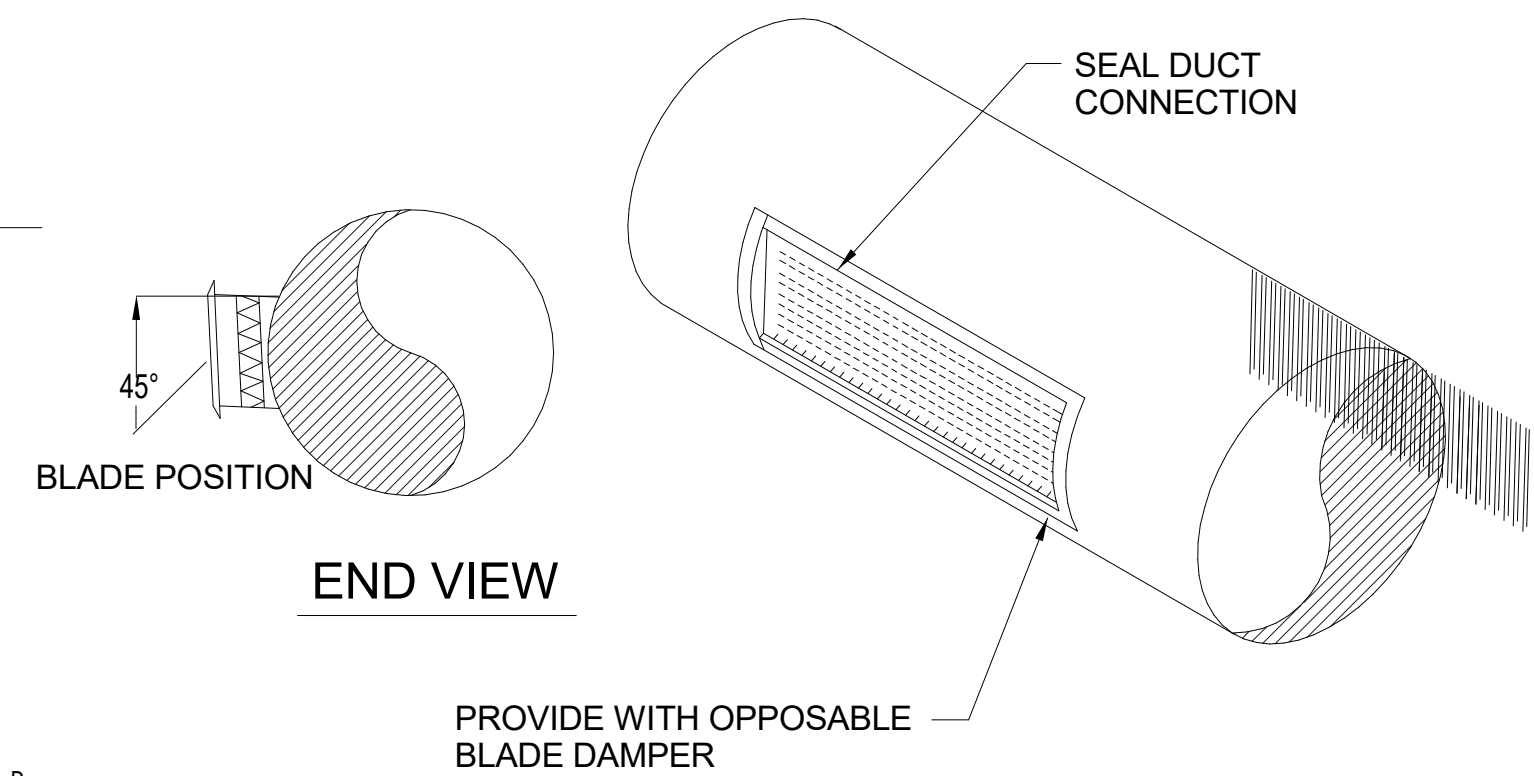
**C3 DUCT SUPPORTS**  
SCALE: NONE



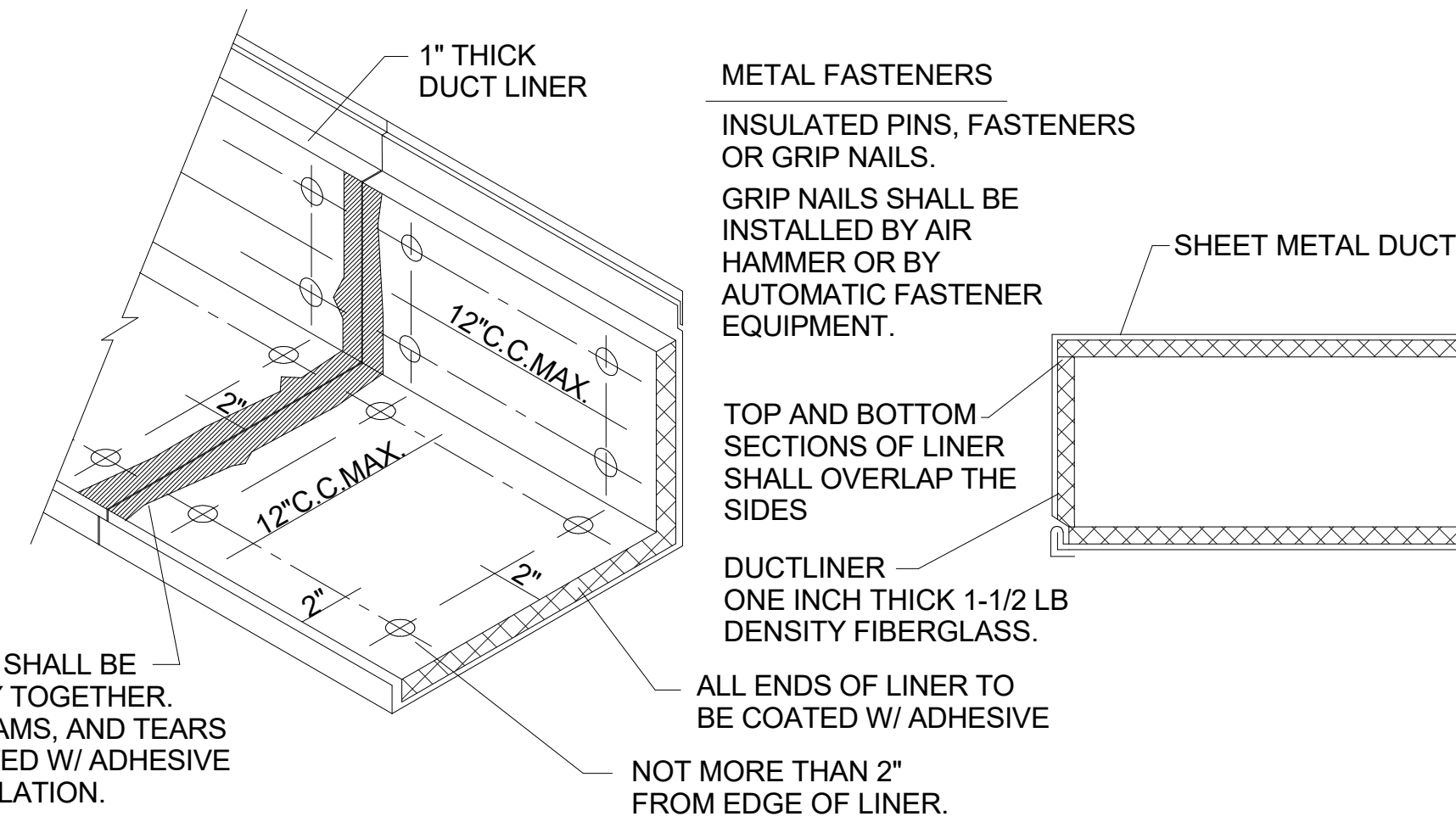
**D4 ROOF MOUNTED EXHAUST FAN DETAIL**  
SCALE: NONE



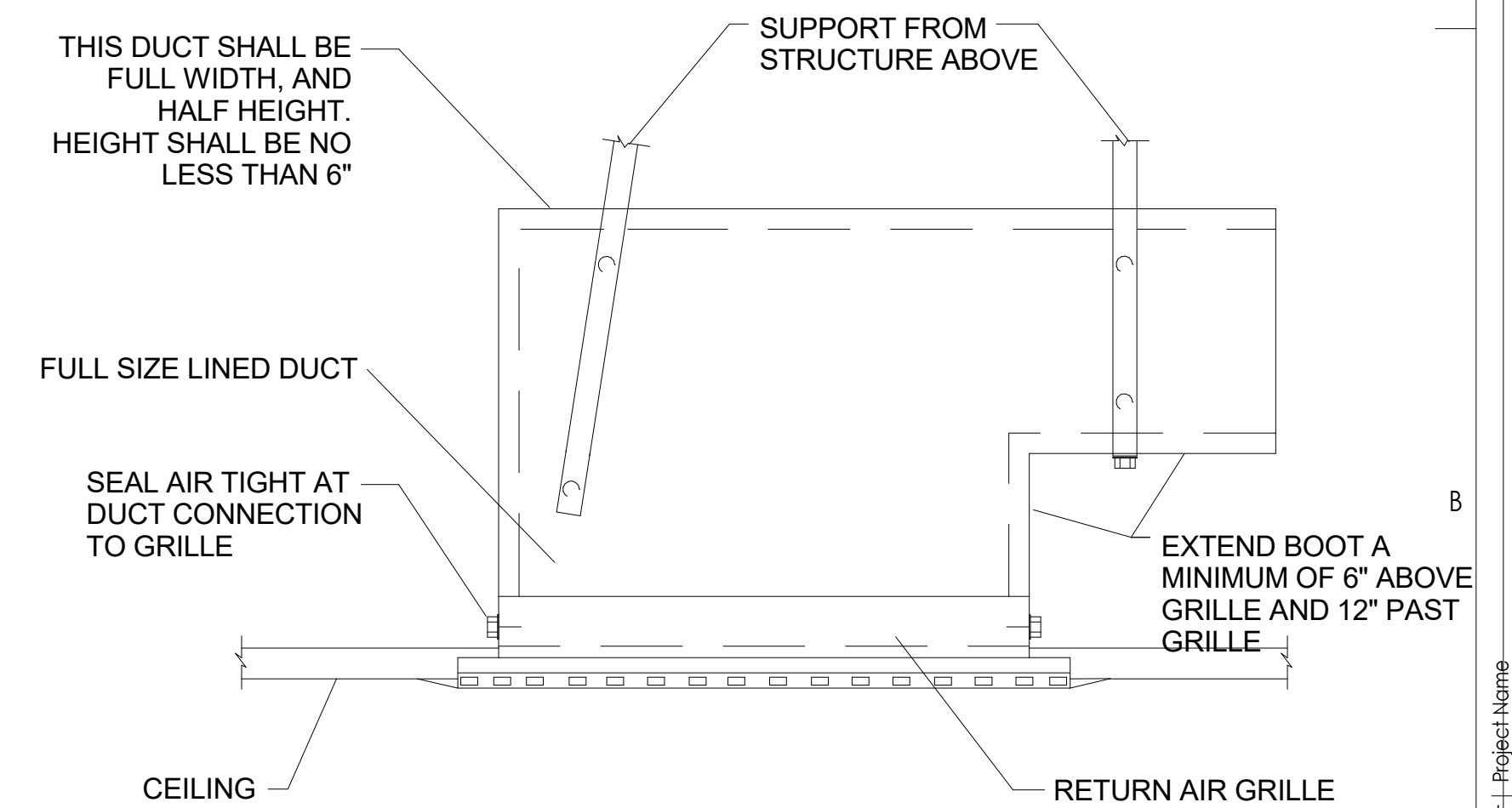
**C4 ROOF MOUNTED EXHAUST FAN DETAIL**  
SCALE: NONE



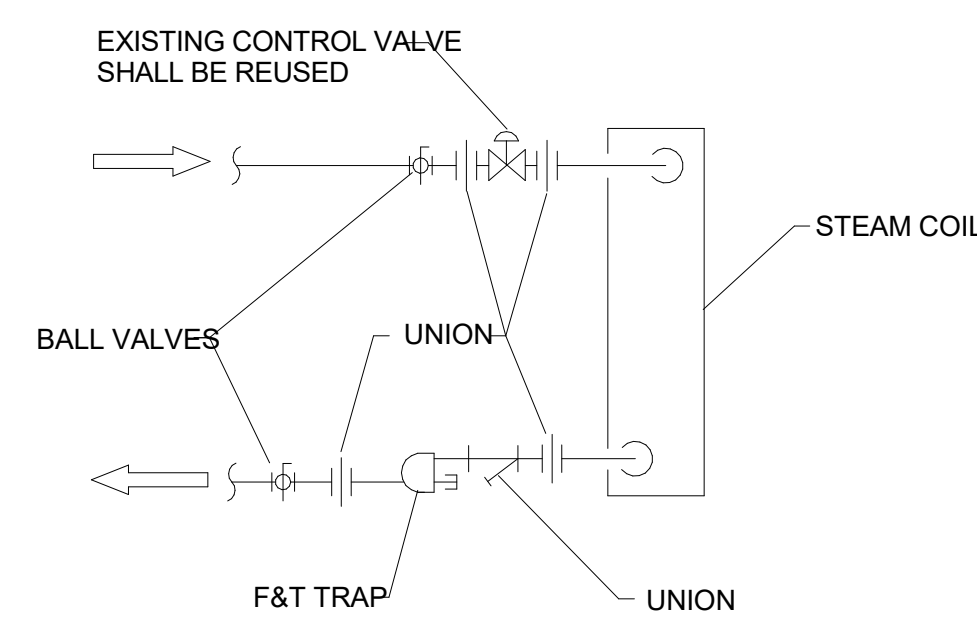
**B1 SPIRAL MOUNTED DIFFUSER DETAIL**  
SCALE: NONE



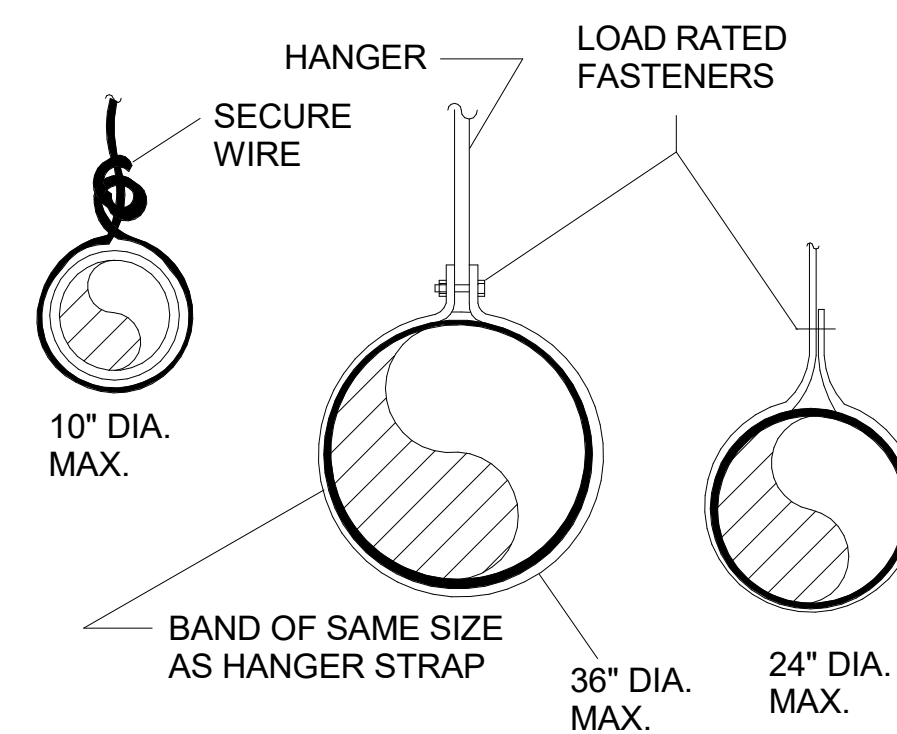
**B2 DUCT LINER DETAIL**  
SCALE: NONE



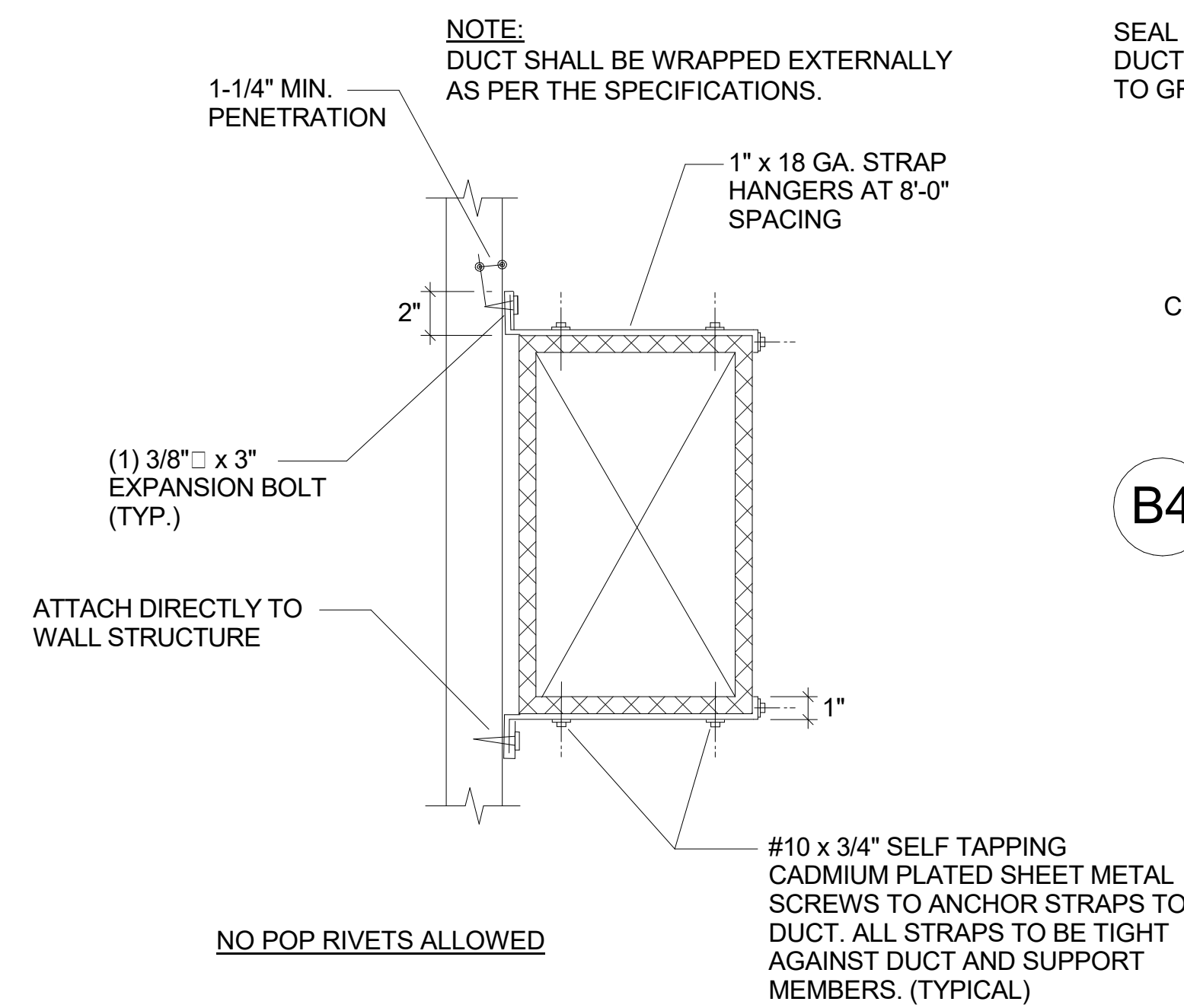
**B4 RETURN AIR GRILLE MOUNTING DETAIL**  
SCALE: NONE



**A1 STEAM COIL DETAIL**  
SCALE: NONE



**A2 DUCT SUPPORTS**  
SCALE: NONE



**A3 DUCT STRAP HANGER AT WALL DETAIL**  
SCALE: NONE

Project Name

Issued		
No.	Date	Description

Revision

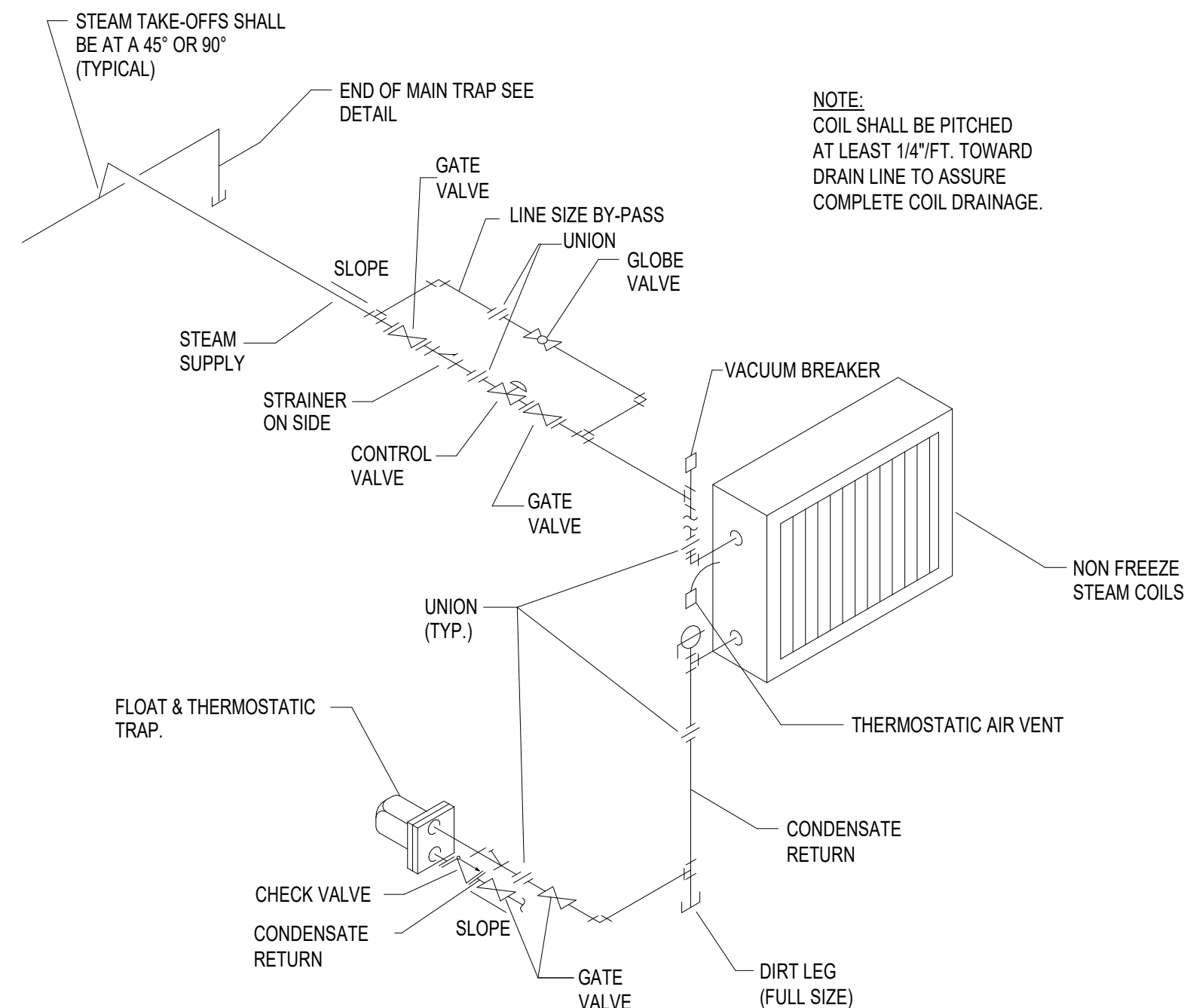
Revision		
No.	Date	Description

DFCM Project No.  
SAA Project No. 219008  
Drawing Title

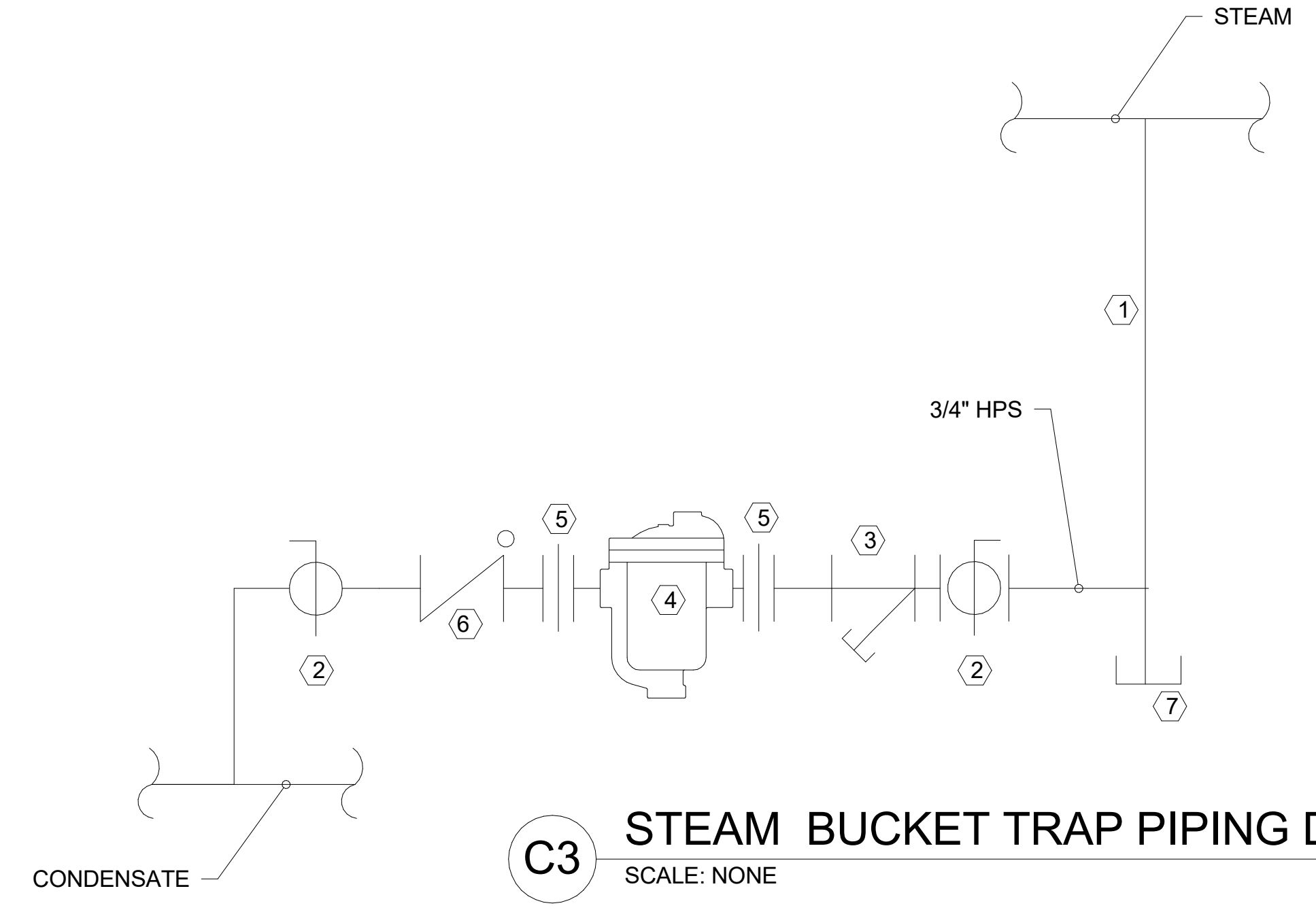
MECHANICAL DETAILS

Sheet Number

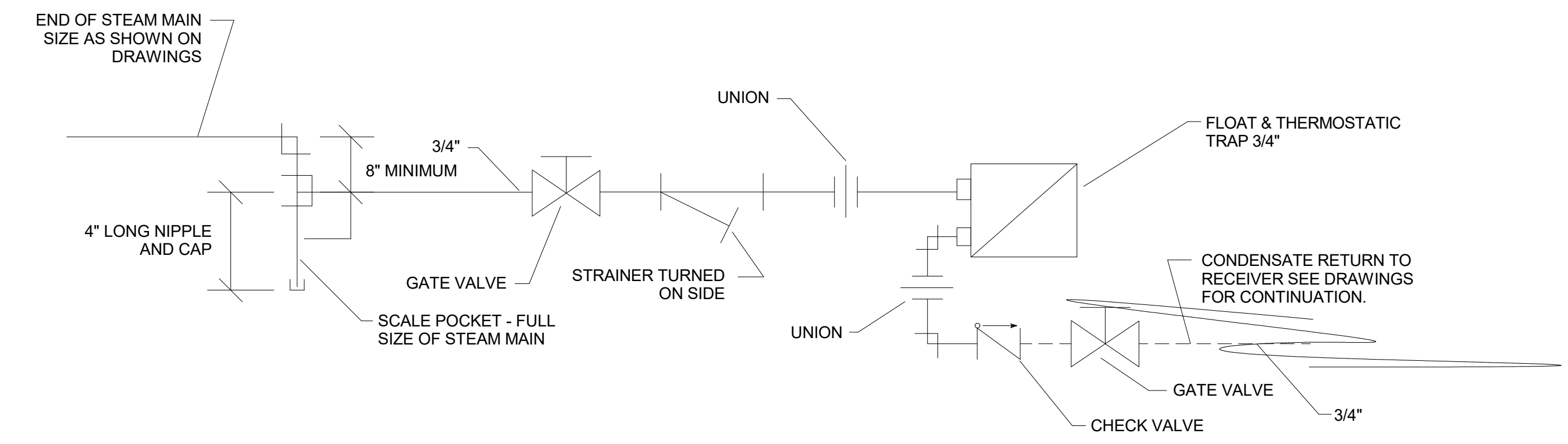
**ME501**



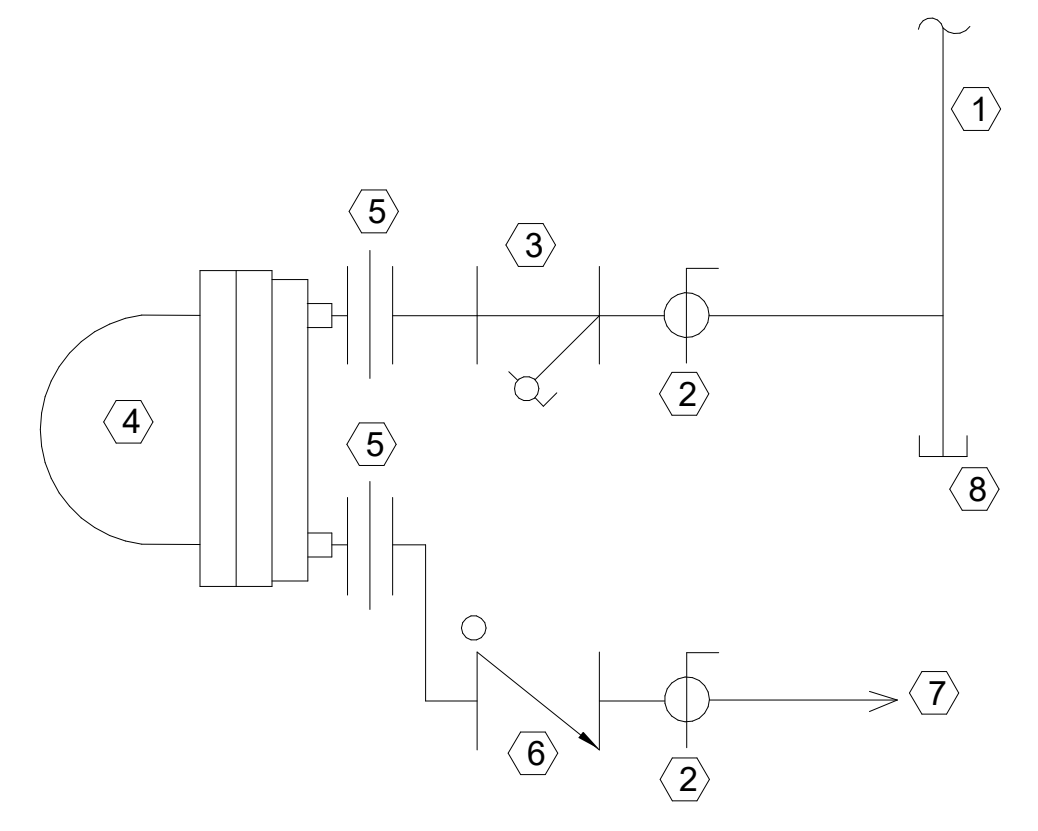
**C2 STEAM COIL CONNECTION DETAIL**  
SCALE: NONE



**C3 STEAM BUCKET TRAP PIPING DETAIL**  
SCALE: NONE



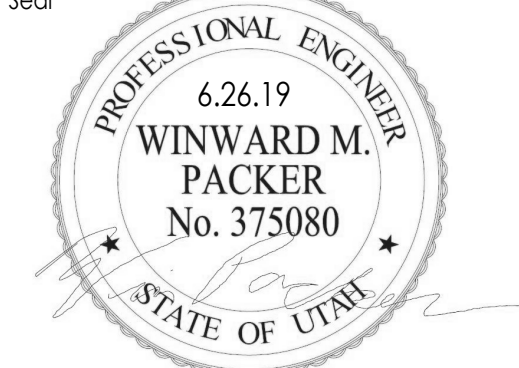
**B3 END OF MAIN OR RISE & DRIP CONNECTION DETAIL**  
SCALE: NONE



**A4 F&T TRAP DETAIL**  
SCALE: NONE

- DETAIL NOTES:**
- ① FULL SIZE DRIP LEG.
  - ② BALL VALVE
  - ③ STRAINER (INSTALLED IN HORIZONTAL).
  - ④ INVERTED BUCKET TRAP. SEE SPECIFICATIONS.
  - ⑤ UNION
  - ⑥ CHECK VALVE
  - ⑦ DIRT LEG WITH CAP

- DETAIL NOTES:**
- ① DRIP LEG-FULL SIZE
  - ② BALL VALVE
  - ③ STRAINER
  - ④ F & T TRAP
  - ⑤ UNION
  - ⑥ CHECK VALVE
  - ⑦ TO CONDENSATE PUMP OR PIPING
  - ⑧ DIRT LEG CAP



**WHW ENGINEERING INC.**  
PROFESSIONAL MECHANICAL ENGINEERING  
8619 Sandy Parkway Suite 101  
Sandy, Utah 84070  
801-466-4021, fax 466-8536  
Email: excellence@whw-engineering.com

**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
SAA Project No. 219008  
Drawing Title \_\_\_\_\_

MECHANICAL DETAILS

Sheet Number

**ME502**

STEAM COIL SCHEDULE										
TAG		AREA SERVED	CFM	SCHEDULE NOTES	MBH	EAT	LAT	AIR PD IN W.G.	LB/HR	STEAM PRESSURE (PSI)
TYPE	#									
HC	1	RECEPTION & NAIL BASIC	995	1	51	55	110	.15	51.3	5
HC	2	MANICURE AND PEDICURE	870	1	45	55	110	.15	47	5
HC	3	CLASSROOM NORTH	1120	1	58	56	111	.15	60.5	5
HC	4	CLASSROOM SOUTH	840	1	43	57	112	.15	45	5

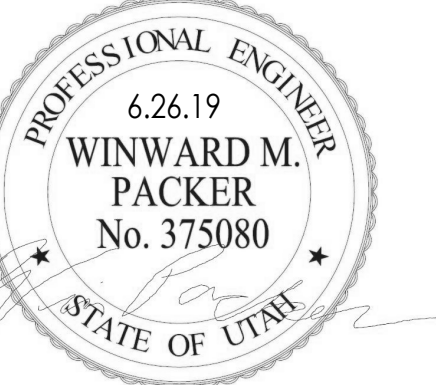
1. 500 FPM FACE VELOCITY

DIFFUSER AND GRILLE SCHEDULE										
TAG	MAX FLOW	FACE SIZE		NECK SIZE		CEILING TYPE	BLOW PATTERN	MAX NC	MANUF & MODEL	SCHEDULE NOTES
		LENGTH	WIDTH	LENGTH/DIAMETER	WIDTH					
D-1	250 CFM	12"	4"	0"	0"	DUCT MTD	2 WAY	25	PRICE SDG	3,4
D-2	250 CFM	12"	6"	0"	0"	DUCT MTD	2 WAY	25	PRICE SDG	3,4
EG-1	205 CFM	12"	4"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
EG-2	230 CFM	12"	6"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
EG-3	280 CFM	16"	8"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
EG-4	320 CFM	18"	10"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
EG-5	255 CFM	16"	16"	16"	16"	HARD	N/A	25	PRICE 535	3,4
EG-6	180 CFM	12"	12"	12"	12"	HARD	N/A	25	PRICE 535	3,4
EG-7	250 CFM	10"	10"	10"	10"	HARD	N/A	25	PRICE LFG	3,4
FG-1	280 CFM	12"	8"	12"	6"	FLOOR	1 WAY	25	PRICE LFG	3,4
FG-3	255 CFM	25"	8"	24"	6"	FLOOR	1 WAY	25	PRICE LFG	3,4
FG-4	440 CFM	30"	8"	30"	6"	FLOOR	1 WAY	25	PRICE LFG	3,4
R-1	230 CFM	12"	4"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
R-2	440 CFM	16"	8"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
R-3	440 CFM	18"	10"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
R-4	535 CFM	20"	12"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
R-5	450 CFM	20"	14"	0"	0"	DUCT MTD	N/A	25	PRICE SDG	3,4
R-6	220 CFM	8"	10"	8"	10"	SIDEWALL	N/A	25	PRICE 535	3,4
SG-1	460 CFM	12"	10"	12"	10"	SIDEWALL	1 WAY	25	PRICE RCG	2,3,4
SG-2	190 CFM	6"	12"	6"	12"	SIDEWALL	1 WAY	25	PRICE RCG	2,3,4
SG-3	415 CFM	8"	18"	8"	18"	SIDEWALL	1 WAY	25	PRICE RCG	2,3,4

1. SHALL BE PRICE SPD OR APPROVED EQUAL.
2. SHALL BE PRICE RGC OR APPROVED EQUAL.
3. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS.
4. FINISH SHALL BE STANDARD WHITE.
5. FINISH SHALL BE SPECIFIED BY ARCHITECT.

EXHAUST FAN SCHEDULE													
TAG		AREA SERVED	CFM	ESP	ELECTRICAL				HP	SONES	OPERATING WEIGHT	MANUF & MODEL	SCHEDULE NOTES
TYPE	#				VOLTAGE	PHASE	FREQUENCY	RPM					
EF	1	111,112,113	390 CFM	0.35 in-wg	120 V	1	60 Hz	1711	0.06 hp	8.5	25 lb	GREENHECK G-080-VG	1,2
EF	2	106,107,108,109	1,570 CFM	0.35 in-wg	120 V	1	60 Hz	74	0.22 hp	0	50 lb	GREENHECK G-143-VG	1,2
EF	3	102,103	870 CFM	0.35 in-wg	120 V	1	60 Hz	1645	0.07 hp	8	26 lb	GREENHECK G-090-VG	1,2
EF	4	BARBERING RESTROOMS	1,595 CFM	0.35 in-wg	120 V	1	60 Hz	1129	0.12 hp	6.3	40 lb	GREENHECK G-123-VG	1,2

1. INTERLOCK FAN WITH SWITCH IN RESTROOM. PROVIDE 15 MINUTE TIME DELAY.
2. RUN CONTINUOUSLY DURING OCCUPIED HOURS.



**WHW ENGINEERING INC.**  
 PROFESSIONAL MECHANICAL ENGINEERING  
 8619 Sandy Parkway Suite 101  
 Sandy, Utah 84070  
 801-466-4021, fax 466-8536  
 Email: excellence@whw-engineering.com

OWTC COSMETOLOGY

REMODEL

200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued		
No.	Date	Description

Revision		
No.	Date	Description

DFCM Project No. \_\_\_\_\_  
 SAA Project No. 219008  
 Drawing Title \_\_\_\_\_

MECHANICAL SCHEDULES

Sheet Number

ME601

DFCM approval

## DEMOLITION NOTES

- COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 26 (16).
- RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
- LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
- EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE. AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
- REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
- REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED, PLACE IN CARTON, LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
- DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.

## GENERAL NOTES

- CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC.) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.
- SEE SECTION 265100 (16510) OF THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC., WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
- SEE SPECIFICATION FOR ENERGY SAVING LAMP AND BALLAST REQUIREMENTS.
- FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
- ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
- CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 115' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.

20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING			
MAXIMUM LENGTH	BRANCH CIRCUIT VOLTAGE		
CONDUCTOR LENGTH (FT)	120 VOLT	277 VOLT	
<70	MIN. #12 AWG	MIN. #12 AWG	
70 - 115	MIN. #10 AWG	MIN. #12 AWG	
115 - 170	MIN. #8 AWG	MIN. #10 AWG	
170 - 270	MIN. #6 AWG	MIN. #8 AWG	
271 - 380	NOTE B	MIN. #8 AWG	
>380	NOTE B	NOTE B	

- A. THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.
- B. PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITH A 15 AMP LOAD.
- C. CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY, CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARD AT NO ADDITIONAL COST TO OWNER.
12. CONTRACTOR SHALL VERIFY FURNITURE LAYOUT PRIOR TO ANY FLOORBOX OR POKE-THRU INSTALLATION. COORDINATE EXACT LOCATION OF FLOOR BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.

## SENSOR GENERAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE SENSOR MANUFACTURER FOR PROPER PLACEMENT AND ADJUSTMENT OF OCCUPANCY SENSORS.
- EACH ZONE SHALL HAVE COVERAGE BY OCCUPANCY SENSOR SUCH THAT NO BLIND SPOT EXIST.
- UPON COMPLETION OF THE INSTALLATION, THE SYSTEM SHALL BE COMPLETELY COMMISSIONED BY THE MANUFACTURER'S FACTORY AUTHORIZED TECHNICIAN WHO WILL VERIFY ALL ADJUSTMENTS AND SENSOR PLACEMENT TO ENSURE A TROUBLE FREE INSTALLATION.
- THE LOCATION AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS WHICH ARE TO BE PROVIDED WITH SENSORS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY COVER THE RESPECTIVE ROOM.

## SHEET INDEX

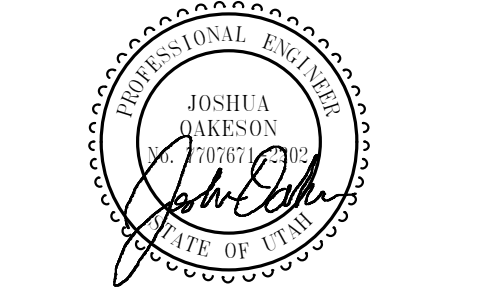
E001	SYMBOLS, SCHEDULES AND NOTES
E002	SCHEDULES AND NOTES
E101	MAIN LEVEL DEMOLITION PLAN
E201	MAIN LEVEL LIGHTING PLAN
E301	MAIN LEVEL POWER AND SYSTEMS PLAN
E302	INTERIOR WALL ELEVATIONS POWER PLAN
E401	ELECTRICAL DIAGRAMS

## ELECTRICAL SYMBOL SCHEDULE

- SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
- HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISH FLOOR.
- REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
- SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
- NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED), USE 'HD' 480 V.
- HEIGHT MEASURED TO TOP OF THE BOX FROM FINISH FLOOR.
- PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
- DOUBLE ARROWS DENOTE A DOUBLE FACE UNIT.
- COORDINATE WITH MILLWORK SHOP DRAWINGS AND ELEVATIONS FOR HEIGHT.
- SUBSCRIPT DENOTES NEMA CONFIGURATION.
- HEIGHT MEASURED TO BOTTOM OF THE BOX FROM FINISH FLOOR.
- COORDINATE WITH DOOR HARDWARE SUPPLIER.

### STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES	SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
→	ONE CIRCUIT, HOME RUN TO PANEL			Ⓢ	CLOCK OUTLET	+7'-6"	8.
→→	2 CIRCUIT, HOME RUN TO PANEL			Ⓛ	FLOOR BOX - SEE SCHEDULE	FLOOR	SEE DIAGRAM, SPEC.
→→→	3 CIRCUIT, HOME RUN TO PANEL			Ⓟ	POKE THRU - SEE SCHEDULE	FLOOR	SEE DIAGRAM, SPEC.
→→→	CONDUIT RUN CONCEALED IN WALL OR CEILING			Ⓛ	FLIP-TOP BOX		9.
→→→	CONDUIT RUN CONCEALED IN FLOOR OR GROUND			Ⓜ	JUNCTION BOX ('F' IN FLOOR)	AS NOTED	
→→	CONDUIT UP			Ⓜ	MOTOR OUTLET	TO SUIT EQUIP.	
→→	CONDUIT DOWN			Ⓛ	PUSHBUTTON	+4'-0"	6.
→→	CONDUIT STUB LOCATION	CAP CONDUIT		Ⓛ	NON-FUSED DISCONNECT SWITCH	+5'-0"	5.
→→	CONDUIT/CIRCUIT CONTINUATION			Ⓛ	FUSED DISCONNECT SWITCH	+5'-0"	5.
≡	CABLE TRAY	AS NOTED		Ⓢ	MANUAL STARTER THERMAL OVERLOAD SWITCH WITH PILOT LIGHT	+4'-0"	2.
○	CEILING LIGHT FIXTURE	CEILING	1.	Ⓢ	MAGNETIC STARTER	+5'-0"	7.
○	WALL LIGHT FIXTURE	AS NOTED	1.	Ⓢ	MAGNETIC STARTER / DISCONNECT COMBINATION	+5'-0"	
○	RECESSED DOWNLIGHT FIXTURE	CEILING	1.	Ⓛ	VARIABLE FREQUENCY DRIVE	+6'-6"	
○	RECESSED WALLWASH DOWNLIGHT FIXTURE	CEILING	1.	Ⓛ	PANEL BOARD	TOP AT +6'-0"	
○	LIGHT FIXTURE	AS NOTED	1	Ⓛ	MAIN DISTRIBUTION PANEL		
○	EGRESS LIGHT FIXTURE	AS NOTED	UNSWITCHED	Ⓛ	TELEPHONE TERMINAL BOARD		
○	AREA LIGHT POLE AND FIXTURE	CONCRETE BASE	SEE DIAGRAM	Ⓛ	GROUND BUS BAR		
○	FLOOD OR TRACK FIXTURE	AS NOTED		Ⓛ	EQUIPMENT CABINET/RACK		CIRCUIT TO 120V
○	CEILING/WALL MOUNTED EXIT LIGHT	CEILING/ AS NOTED	1.3.8.	Ⓛ	BELL	+7'-6"	
Ⓢ	SINGLE POLE SWITCH	+4'-0"	6. 4.	Ⓛ	CHIME	+7'-6"	
Ⓢ <sup>3</sup>	THREE-WAY SWITCH	+4'-0"	6.	Ⓛ	FIRE ALARM MANUAL STATION	+4'-0"	6.
Ⓢ <sup>4</sup>	FOUR-WAY SWITCH	+4'-0"	6.	Ⓛ	FIRE ALARM SIGNAL HORN/STROBE	+8'-0"	6.
Ⓢ <sup>K</sup>	KEY OPERATED SWITCH	+4'-0"	6.	Ⓛ	CONCEALED FIRE ALARM SIGNAL HORN/STROBE	CEILING	
Ⓢ <sup>P</sup>	SWITCH WITH PILOT LIGHT	+4'-0"	6.	Ⓛ	CONCEALED FIRE ALARM SIGNAL HORN/STROBE WALL	+8'-0"	6.
Ⓢ <sup>D</sup>	VARIABLE INTENSITY SWITCH	+4'-0"	6.	Ⓛ	FIRE ALARM SIGNAL SPEAKER/STROBE	+8'-0"	6.
Ⓢ <sup>TM</sup>	TIMER SWITCH	+4'-0"	6.	Ⓛ	CONCEALED FIRE ALARM SIGNAL SPEAKER/STROBE	CEILING	
Ⓢ	MOMENTARY CONTACT SWITCH	+4'-0"	6.	Ⓛ	CONCEALED FIRE ALARM SIGNAL SPEAKER/STROBE WALL	+8'-0"	6.
Ⓢ	LOW VOLTAGE WALL STATION (SUBSCRIPT INDICATES CONFIGURATION & CONTROL SEQUENCE)	+4'-0"	6. SEE DIAGRAM SPEC.	Ⓛ	FIRE ALARM STROBE	+8'-0"	6.
Ⓢ	CEILING/WALL MOUNTED OCCUPANCY SENSOR (SUBSCRIPT A=ANALOG, D=DIGITAL)	CEILING/ +4'-0"	6.	Ⓛ	CONCEALED FIRE ALARM SIGNAL STROBE	CEILING	
Ⓢ	POWER PACK	CEILING	SEE DIAGRAM, SPEC.	Ⓛ	CONCEALED FIRE ALARM SIGNAL STROBE WALL	+8'-0"	6.
Ⓢ	DIGITAL ROOM CONTROLLER (SUBSCRIPT INDICATES NUMBER OF RELAYS)	CEILING	SEE DIAGRAM, SPEC.	Ⓛ	FIRE ALARM SPEAKER ONLY	+8'-0"	6.
Ⓢ	EMERGENCY LIGHTING CONTROL UNIT	ABOVE CEILING	SEE DIAGRAM, SPEC.	Ⓛ	FIRE ALARM SIGNAL STROBE WITH BLUE COLORED LENS (CO VISUAL ALARM)	CEILING/ +8'-0"	MOUNT AS PER MFR. MOUNT AS PER MFR.
Ⓢ	RECEPTACLE SWITCH PACK	CEILING	SEE DIAGRAM, SPEC.	Ⓛ	ASPIRATING SMOKE DETECTION SYSTEM	CEILING	
Ⓢ	AUTOMATIC RELAY PACK	CEILING	SEE DIAGRAM, SPEC.	Ⓛ	SMOKE DETECTOR	CEILING	
Ⓢ	LOW VOLTAGE TRANSFORMER			Ⓛ	SMOKE/CARBON MONOXIDE DETECTOR	CEILING	
Ⓢ	PHOTO-ELECTRIC CONTROL	AS NOTED	TORK 2000A	Ⓛ	CARBON MONOXIDE DETECTOR	CEILING	
Ⓢ	DIGITAL DAYLIGHT SENSOR	CEILING	SEE DIAGRAM SPECIFICATION	Ⓛ	HEAT DETECTOR	CEILING	
Ⓢ	TIME CLOCK	+5'-0"	2.	Ⓛ	DUCT SMOKE DETECTOR		MTD. IN DUCT
Ⓢ	DUPLEX RECEPTACLE UPPER OUTLET SWITCH CONTROLLED	+16" OR AS NOTED	9. 11.	Ⓛ	FIRE/SMOKE DAMPER		
Ⓢ	SIMPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	DOOR HOLDER	AS NOTED	
Ⓢ	SIMPLEX RECEPTACLE WITH USB OUTLET	+16" OR AS NOTED	9. 11.	Ⓛ	FLOW SWITCH		
Ⓢ	DUPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	TAMPER SWITCH		
Ⓢ	DUPLEX RECEPTACLE WITH USB OUTLET	+16" OR AS NOTED	9. 11.	Ⓛ	WATER FLOOD INDICATOR		
Ⓢ	CONTROLLED RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	O.S. & Y. VALVE		SEE DIAGRAM
Ⓢ	DUPLEX RECEPTACLE	9.		Ⓛ	FIRE ALARM RELAY OR SECURITY RELAY		
Ⓢ	ELECTRIC WATER COOLER RECEPTACLE	SEE DIAGRAM		Ⓛ	FIRE ALARM CONTROL MODULE		
Ⓢ	WEATHERPROOF RECEPTACLE	+24" OR AS NOTED	2. 9.	Ⓛ	FIRE ALARM MONITOR MODULE		
Ⓢ	ISOLATED GROUND RECEPTACLE	+16" OR AS NOTED	2. 9.	Ⓛ	TWO-WAY COMMUNICATION SYSTEM ANNUNCIATOR PANEL	+4'-0"	6.
Ⓢ	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	TWO-WAY COMMUNICATION SYSTEM CALL STATION	+4'-0"	6.
Ⓢ	DUPLEX RECEPTACLE EMERGENCY POWER (RED)	+16" OR AS NOTED	9. 11.	Ⓛ	DURESS PUSHBUTTON	+4'-0"	6.
Ⓢ	FOURPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	SECURITY SYSTEM DOOR SWITCH	DOOR JAMB	
Ⓢ	GROUND FAULT INTERRUPTER FOURPLEX RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	SECURITY SYSTEM OVERHEAD DOOR SWITCH	CEILING	MOUNT AS PER MFR.
Ⓢ	FOURPLEX RECEPTACLE EMERGENCY POWER (RED)	+16" OR AS NOTED	9. 11.	Ⓛ	MAGNETIC SHEAR LOCK		
Ⓢ	TVSS PROTECTED RECEPTACLE	+16" OR AS NOTED	9. 11.	Ⓛ	SECURITY SYSTEM KEYED ACCESS SWITCH	+4'-0"	6.
Ⓢ	SPECIAL PURPOSE OUTLET	+16" OR AS NOTED	10. WITH CAP. 11.	Ⓛ	SECURITY SYSTEM KEYPAD	+4'-0"	6.
Ⓢ	CORD DROP	SEE DIAGRAM		Ⓛ	INFRARED SENSOR	AS NOTED	
Ⓢ	CORD REEL	SEE DIAGRAM		Ⓛ	SECURITY MOTION DETECTOR		MOUNT AS PER MFR. MOUNT AS PER MFR.
Ⓢ	TOMBSTONE RECEPTACLE			Ⓛ	SECURITY SYSTEM POP-IT		
Ⓢ	PLUGMOLD	+46" OR AS NOTED		Ⓛ	GLASS BREAK DETECTOR	CEILING	
Ⓢ	TELEVISION OUTLET	+16" OR AS NOTED	11.	Ⓛ	ELECTRIC DOOR STRIKE		12.
Ⓢ	POWER POLE			Ⓛ	ELECTRIC DOOR LOCK		12.
Ⓢ	FLAT PANEL DISPLAY WALL BOX TVSS RECEPT. DATA AND OTHER DEVICES, REFER TO DIAGRAMS	AS NOTED	SEE DIAGRAM, SPEC. 26 2726	Ⓛ	ACCESS CONTROL SYSTEM, REQUEST TO EXIT		
Ⓢ	CEILING PROJECTION SYSTEM CEILING BOX	ABOVE CEILING	SEE DIAGRAM, SPEC.	Ⓛ	ACCESS CONTROL CARD READER	+4'-0"	6.
Ⓢ	DATA OUTLET, ONE CABLE	+16" OR AS NOTED	9. 11.	Ⓛ	ACCESS CONTROL BIOMETRIC READER	+4'-0"	6.
Ⓢ	DATA OUTLET, TWO CABLES	+16" OR AS NOTED	9. 11.	Ⓛ	CAMERA - SEE SCHEDULE	AS NOTED	SEE DIAGRAM, SPEC.
Ⓢ	DATA OUTLET, THREE CABLES	+16" OR AS NOTED	9. 11.	Ⓛ	DOOR POSITION INDICATING SWITCH		
Ⓢ	DATA OUTLET (SUBSCRIPT INDICATES CABLE QTY)	+16" OR AS NOTED	9. 11.	Ⓛ	LIGHT FIXTURE (LETTER DESIGNATES TYPE)		
Ⓢ	WIRELESS ACCESS POINT, TWO CABLES	CEILING		Ⓛ	EQUIPMENT NUMBER		
Ⓢ	CALL SWITCH	+4'-0"	6.	Ⓛ	ARCHITECTURAL ROOM NUMBER		
				Ⓛ	DEVICE/EQUIPMENT (TEXT DESIGNATES TYPE) SEE SCHEDULE		



Consultant  
**BNA**  
 CONSULTING  
 SALT LAKE ST. GEORGE  
 635 South State Street  
 Salt Lake City, Utah 84111  
 P.801.532.2195  
 F.801.532.2305  
 www.bnacconsulting.com  
 © 2019 BNA CONSULTING

Project Name  
**OWTC COSMETOLOGY**  
 REMODEL  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

SAA Project No. 219008  
 Drawing Title

SYMBOLS, SCHEDULES AND NOTES

Sheet Number

**E001**



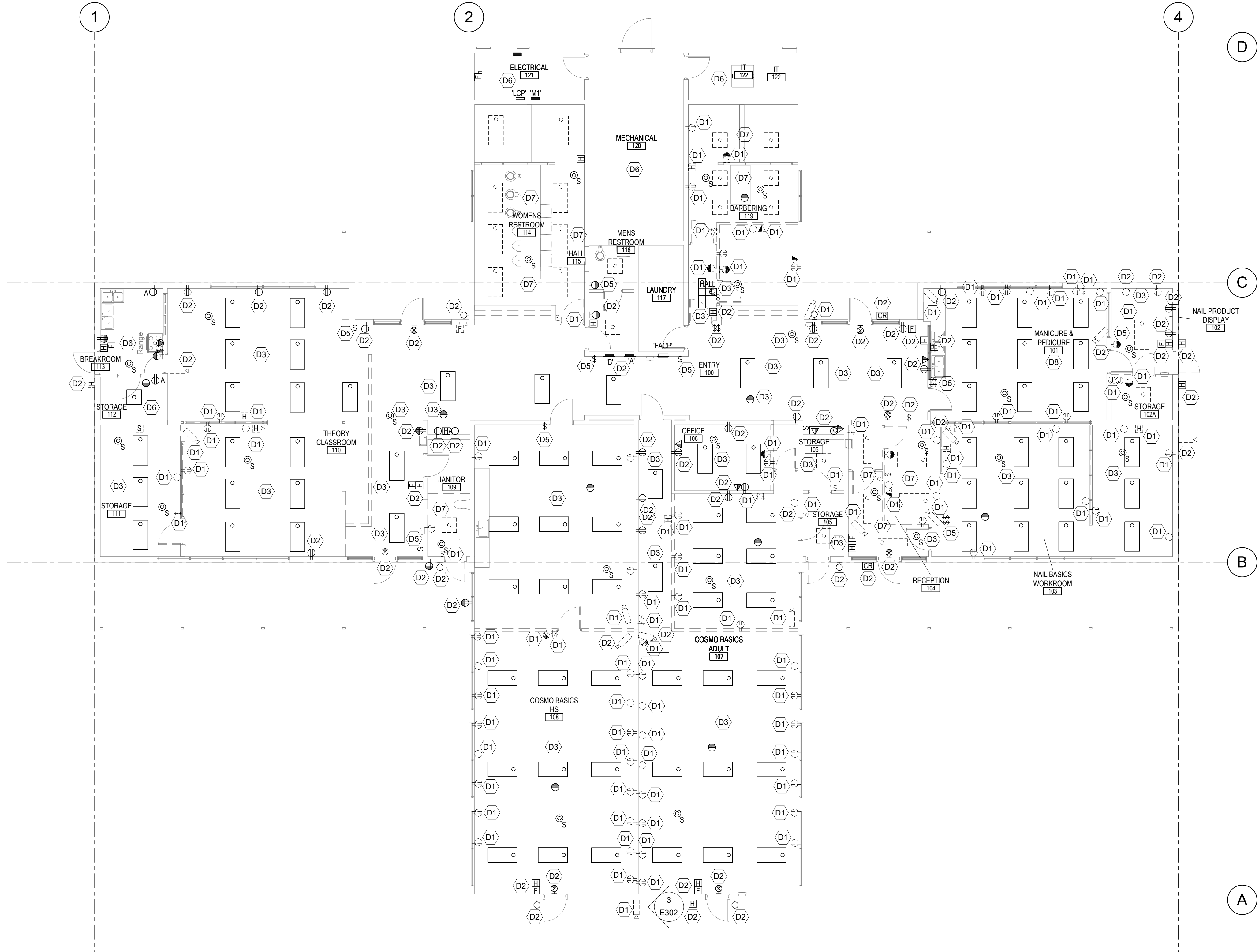


### DEMO GENERAL SHEET NOTES

- DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. FIXTURE LOCATIONS DIAGRAMMATICALLY SHOWN ON DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING AND/OR CONDUITS ARE NOT SPECIFIED UNLESS NOTED ON DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH THE OWNER. ALL EXISTING CONDITIONS MUST BE VERIFIED WITHOUT EXCEPTION.
- CONTRACTOR TO VERIFY THAT ALL THE EXISTING EQUIPMENT THAT IS TO REMAIN, BE REMOVED AND RE-INSTALLED ARE IN WORKING CONDITION. CONTRACTOR IS TO PROVIDE OWNER WRITTEN DOCUMENTATION OF ANY ITEMS NOT IN WORKING CONDITION PRIOR TO COMMENCING WORK IN ANY AREA.
- ANY FIRE ALARM DEVICE(S) REMOVED DURING DEMOLITION ARE REQUIRED TO BE RELOCATED IN LOCATION NECESSARY TO PROVIDE COVERAGE PER NFPA 72, AND CIRCUITED SAME AS BEFORE. FIRE ALARM DEVICE(S) ARE NOT ALLOWED TO BE LOCATED CENTER OF ANY ROOM OR SPACE. IF MORE FIRE ALARM DEVICES ARE REQUIRED CONTRACTOR SHALL PROVIDE. REFER TO SHEET E401 FOR MORE INFORMATION.
- PROVIDE BLANK COVERPLATE ON ALL EXISTING BOXES LOCATED IN MASONRY THAT ARE NOT BEING RE-USED. PROVIDE BLACK COVERPLATE ON ALL UNUSED BOXES.
- COORDINATE THE DEMOLITION, PATCH AND REPAIR OF CEILING FOR ALL LIGHTING AND ELECTRICAL APPARATUS IN THIS AREA. DISCONNECT AND RE-CONNECT AS REQUIRED TO MAINTAIN ALL SYSTEMS.
- DEVICES NOTED WITH SUBSCRIPT 'E' DENOTES THE DEVICES ARE EXISTING AND TO REMAIN UNTOUCHED DURING DEMOLITION.

### SHEET KEYNOTES

- D1 EXISTING WALL-MOUNTED ITEMS (RECEPTACLES, SWITCHES, FIRE ALARM DEVICES, CAMERAS ETC.) TO BE DEMOLISHED. EXISTING UN-USED WALL BOXES TO BE REMOVED/ABANDONED. FIELD VERIFY EXACT LOCATION(S) AND ALL EXISTING ITEMS (NOT ALL WALL MOUNTED ITEMS MAY BE SHOWN).
- D2 EXISTING WALL MOUNTED DEVICES (RECEPTACLES, SWITCHES, FIRE ALARM DEVICES, CAMERAS ETC.) TO REMAIN UNTOUCHED DURING DEMOLITION.
- D3 EXISTING CEILING MOUNTED DEVICES (LIGHT FIXTURES AND FIRE ALARM DEVICES) TO REMAIN UNTOUCHED DURING DEMOLITION.
- D5 EXISTING LIGHT SWITCH TO BE REWIRED FOR CHANGE IN LIGHTING CONTROLLING. REFER TO SHEET E201 FOR NEW LIGHTING CONTROL SEQUENCE.
- D6 NO DEMOLITION REQUIRED IN THIS AREA.
- D7 DEMOLISH THE EXISTING CEILING MOUNTED LIGHT FIXTURE DEVICE.
- D8 LIGHT FIXTURES TO BE REMOVED DURING DEMOLITION. REPLACE THE EXISTING FLUORESCENT LAMPS WITH NEW LED LAMPS AND RE-INSTALL THE LIGHT FIXTURES AND MAKE NECESSARY POWER AND WIRING CONNECTIONS.



**MAIN LEVEL DEMOLITION PLAN**  
SCALE = 1/8" = 1'-0"



Consultant  
**BNA CONSULTING**  
SALT LAKE ST. GEORGE

**OWTC COSMETOLOGY**  
**REMODEL**  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Project Name

Issued No.	Date	Description

Revision

Revision No.	Date	Description

SAA Project No. 219008  
Drawing Title

**MAIN LEVEL DEMOLITION PLAN**

Sheet Number  
**E101**

### GENERAL SHEET NOTES

- ELECTRICAL CONTRACTOR TO MAKE SURE ALL THE LIGHTING CONTROLS ARE PROPERLY WIRED

### SHEET KEYNOTES

- PROVIDE NEW LIGHTING CONTROL SWITCH. REWIRE THE EXISTING LIGHT FIXTURES FOR THE NEW CONTROLS.
- RE-USE THE EXISTING CIRCUITS TO FEED THE NEW LIGHT FIXTURES. TIE TO NEW LIGHTING CONTROL SWITCH.
- RE-USE THE EXISTING CIRCUITS TO FEED THE NEW LIGHT FIXTURES. TIE TO THE EXISTING LIGHTING CONTROL SWITCH.
- REPLACE EXISTING FLUORESCENT LAMPS IN EXISTING LIGHT FIXTURES TO LED LAMPS. PROVIDE (1) ONE TUBE ONE DRIVER AND (2) TWO TUBE ONE DRIVER LAMPS. PART #83-4118-40-L-F-AB-D-D.



**MAINLEVEL LIGHTING PLAN**  
SCALE = 1/8" = 1'-0"



Consultant  
**BNA**  
CONSULTING  
SALT LAKE ST. GEORGE

Project Name  
**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description

Revision		
No.	Date	Description

SAA Project No. 219008  
Drawing Title

**MAIN LEVEL LIGHTING PLAN**

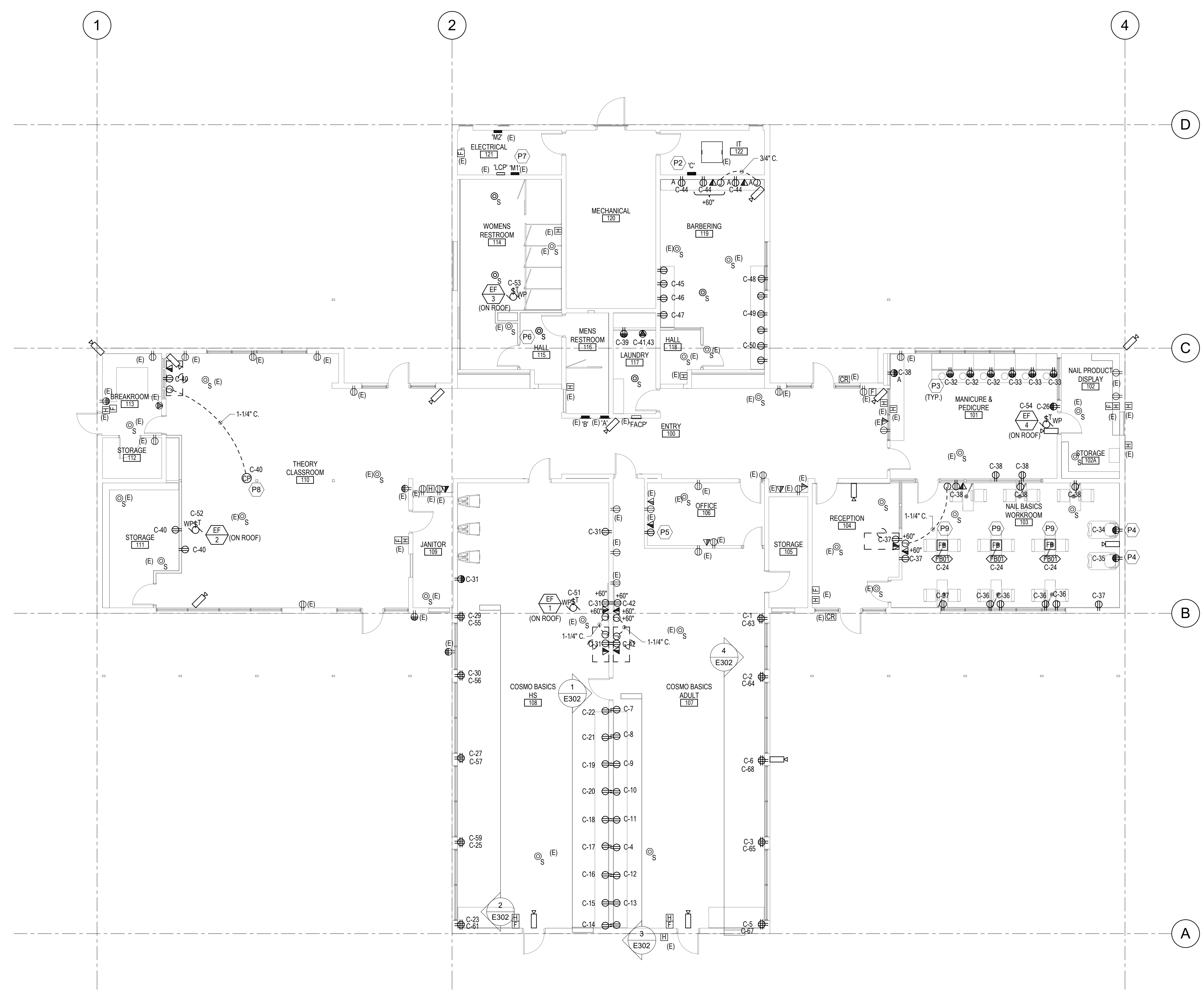
Sheet Number  
**E201**

### GENERAL SHEET NOTES

1. ALL DEVICES WITH SUBSCRIPT (E) DENOTES EXISTING EQUIPMENT.
2. ALL THE CONDUIT RUNS ON THE UNDEMOLISHED WALLS TO BE EXPOSED CONDUIT. ALL THE WALL MOUNTED DEVICES ON THE UNDEMOLISHED WALL TO BE MOUNTED ON THE SURFACE OF THE WALL.
3. PROVIDE A NEW 20A/1P BREAKER IF THERE IS ANY EMPTY SPACE PRESENT IN THE EXISTING PANELBOARDS
4. ELECTRICAL CONTRACTOR TO PROVIDE RACEWAY ONLY FOR ALL LOW VOLTAGE, TELECOMMUNICATIONS AND SECURITY DEVICES. OWNER TO PROVIDE CABLING FOR ALL TELECOMMUNICATIONS, SECURITY DEVICES AND LOW VOLTAGE DEVICES. ALL LOW VOLTAGE, TELECOMMUNICATIONS AND SECURITY CONDUITS SHOULD BE TERMINATED IN TUNNEL. REFER TO MECHANICAL DRAWINGS FOR TUNNEL LOCATION.
5. TIE ALL OF THE NEW FIRE ALARM NOTIFICATION/DETECTION EQUIPMENT TO CLOSEST FIRE ALARM LOOP.

### SHEET KEYNOTES

- P2 PROVIDE A NEW PANELBOARD 'C' (120/240V, 1PHASE, 300AMPS) FED FROM EXISTING PANELBOARD 'M1'.
- P3 MOUNT THE RECEPTACLES IN STEP OF PEDICURE BENCH. COORDINATE WITH BENCH PROVIDER PRIOR TO ROUGH-IN.
- P4 POWER FOR PEDICURE CHAIRS. COORDINATE WITH SHOP DRAWINGS AND INSTALLER FOR WIRING AND TERMINATION REQUIREMENTS.
- P5 CIRCUIT THE NEW POWER OUTLET TO THE EXISTING CIRCUIT IN THE ROOM.
- P6 TIE THE NEW FIRE ALARM INITIATING DEVICE TO THE CLOSEST FIRE ALARM LOOP.
- P7 PROVIDE A NEW 300A/2P BREAKER IN THE EXISTING PANELBOARD 'M1' TO FEED THE NEW PANELBOARD 'C'. PROVIDE (4) 500 KCMIL AL WIRE IN 3" CONDUIT WITH #1 AL GND. WIRE TO FEED THE PANELBOARD 'C'.
- P8 PROVIDE POWER AND 3/4" CONDUIT FOR PROVIDING DATA TO CEILING MOUNTED PROJECTOR. OWNER TO PROVIDE PROJECTOR AND SCREEN. COORDINATE WITH OWNER FOR EXACT LOCATION OF PROJECTOR.
- P9 PROVIDE NEW FLOOR BOXES FOR EACH DESK. SAWCUT THE EXISTING FLOOR TO RUN THE CONDUIT AS NECESSARY. COORDINATE WITH ARCHITECT PRIOR TO SAWCUT. REPAIR THE FLOOR AFTER LAYING THE CONDUIT.



**MAIN LEVEL POWER AND SYSTEMS PLAN**  
 SCALE = 1/8" = 1'-0"



Consultant  
**BNA CONSULTING**  
 SALT LAKE ST. GEORGE

**OWTC COSMETOLOGY**  
**REMODEL**  
 200 N. WASHINGTON BLVD.  
 OGDEN, UT 84404

Project Name

Issued No.	Date	Description

Revision

No.	Date	Description

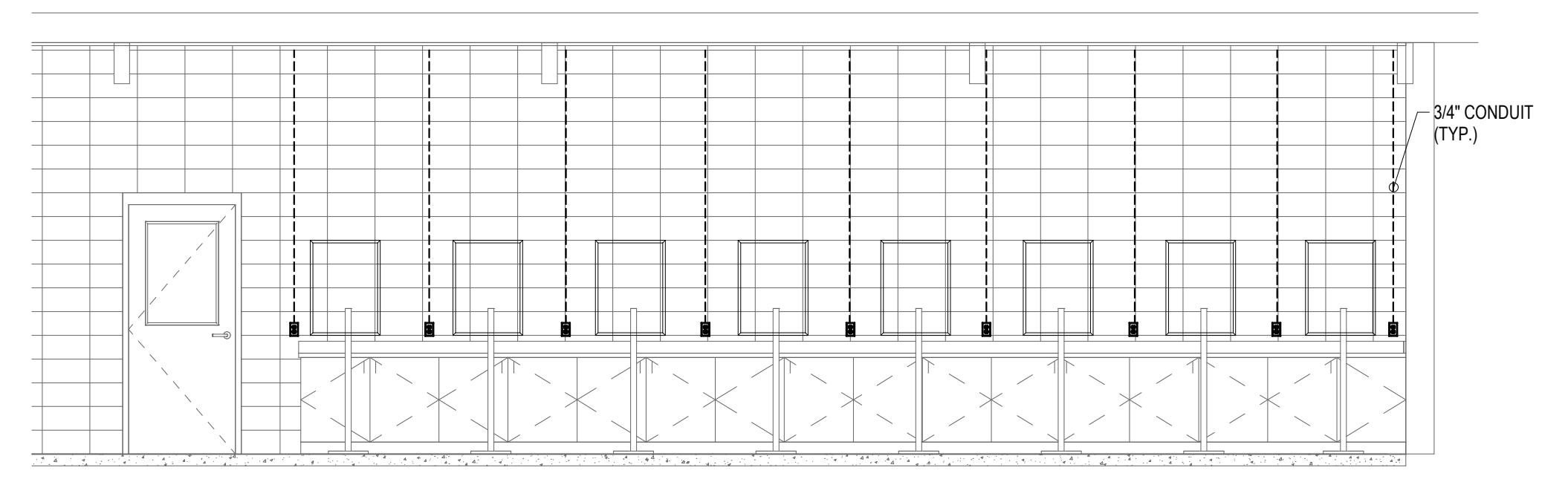
SAA Project No. 219008  
 Drawing Title

**MAIN LEVEL POWER AND SYSTEMS PLAN**

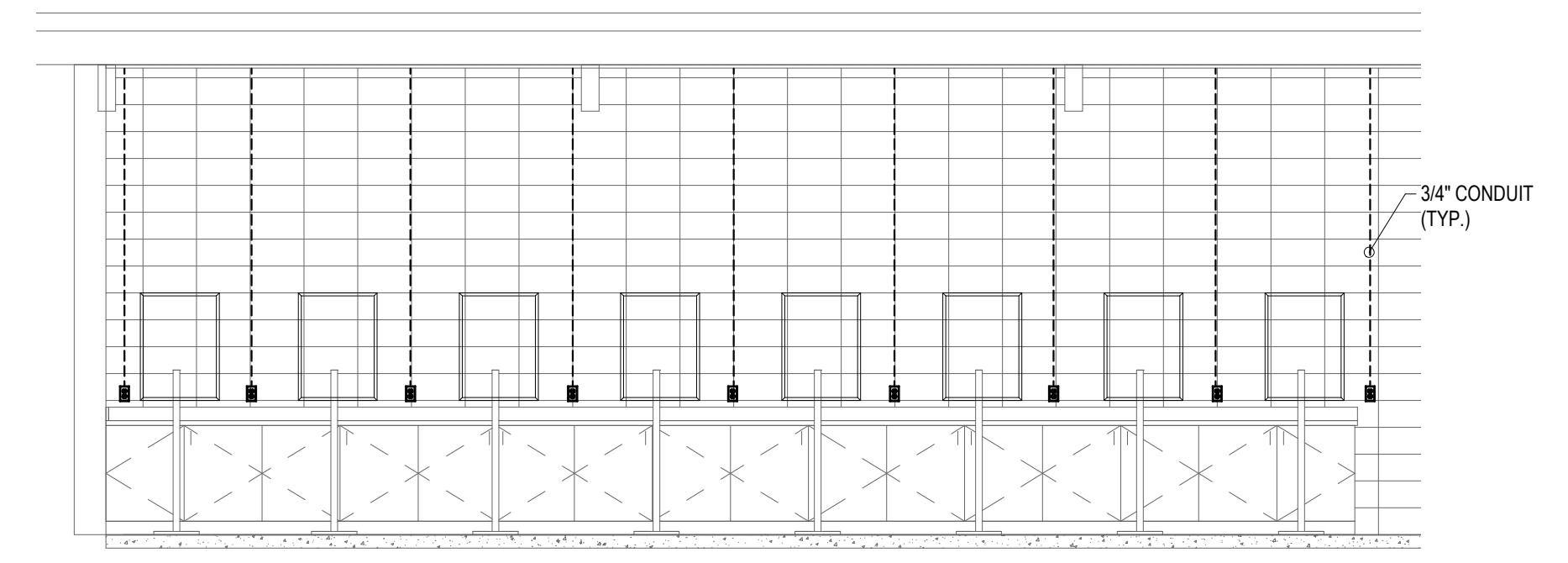
Sheet Number  
**E301**

### GENERAL SHEET NOTES

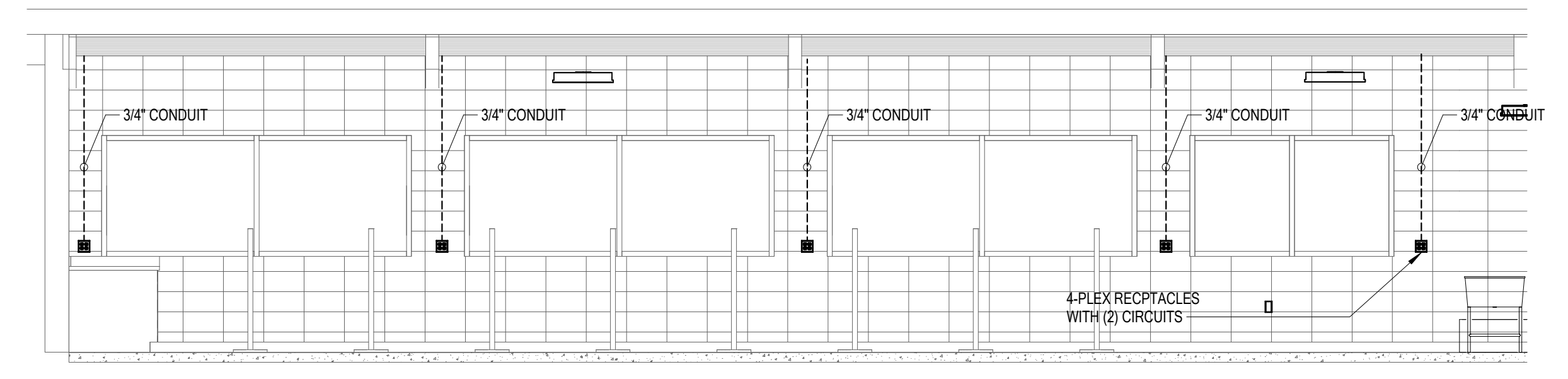
1. ALL CONDUIT RUNS TO BE EXPOSED.
2. ALL CONDUIT RUN ON COSMO BASICS HS EAST WALL AND COSMO BASICS ADULT WEST WALL SHOULD BE RUN FROM TOP.
3. ALL CONDUIT RUN ON COSMO BASICS HS WEST WALL AND COSMO BASICS ADULT EAST WALL SHOULD BE RUN FROM TOP.



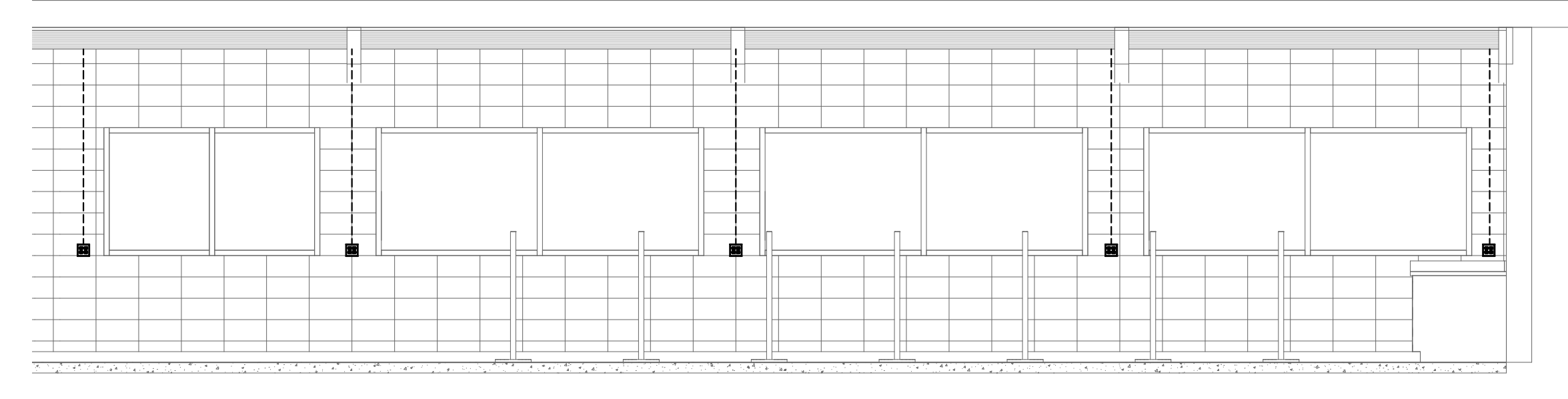
**1** COSMO BASICS HS EAST WALL  
ELEVATION  
SCALE = 1/4" = 1'-0"



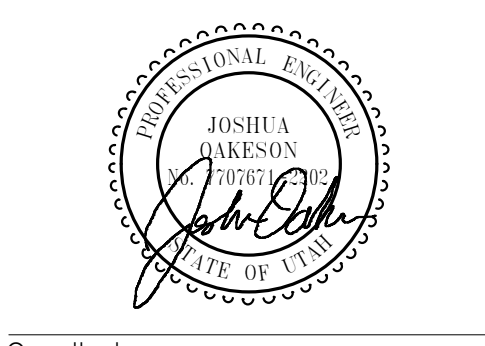
**3** COSMO BASICS ADULT WEST WALL  
ELEVATION VEIW  
SCALE = 1/4" = 1'-0"



**2** COSMO BASICS HS WEST WALL  
ELEVATION  
SCALE = 1/4" = 1'-0"



**4** COSMO BASICS ADULT EAST WALL  
ELEVATION  
SCALE = 1/4" = 1'-0"



Project Name  
**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued		
No.	Date	Description

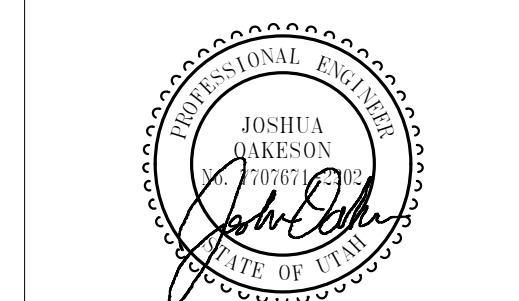
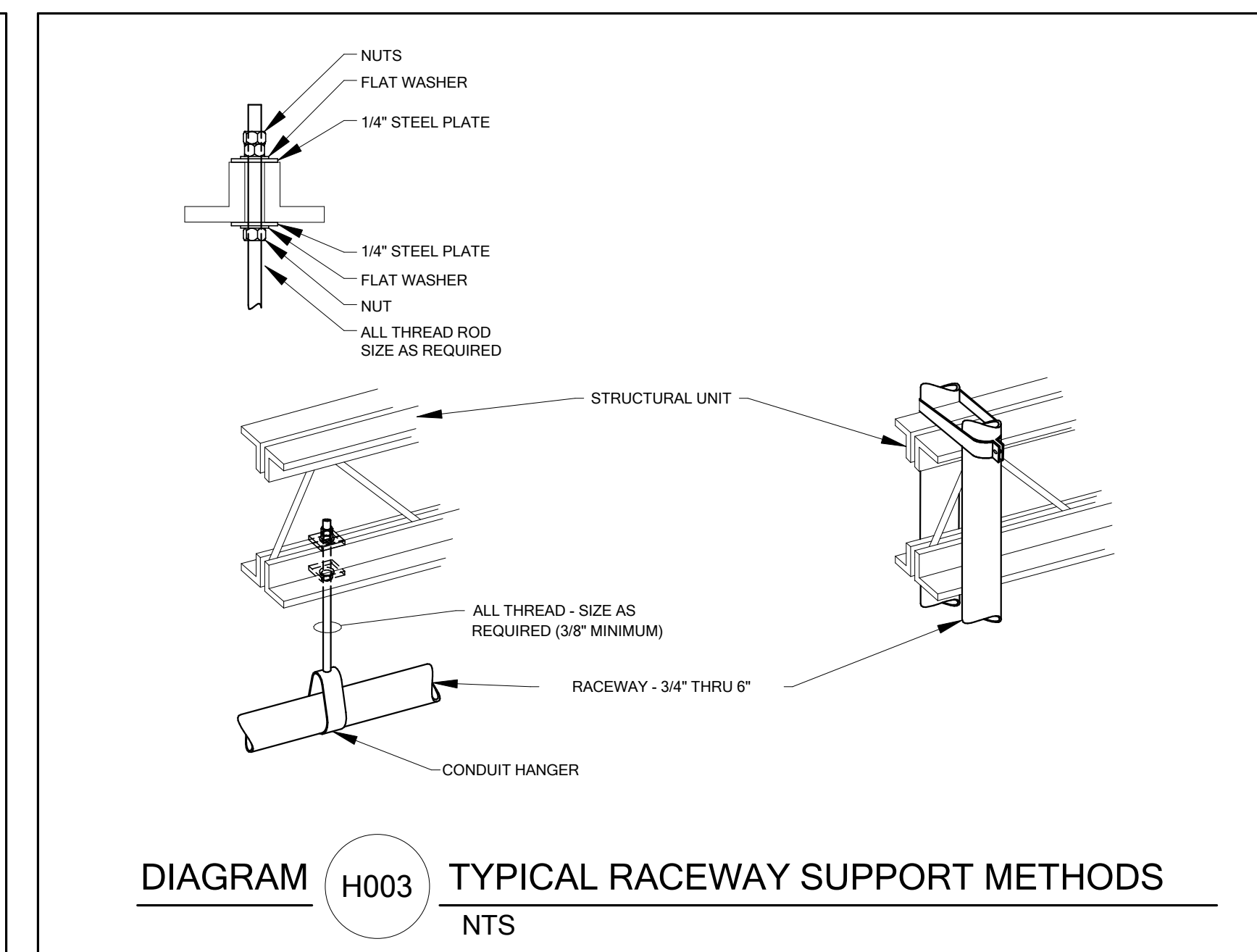
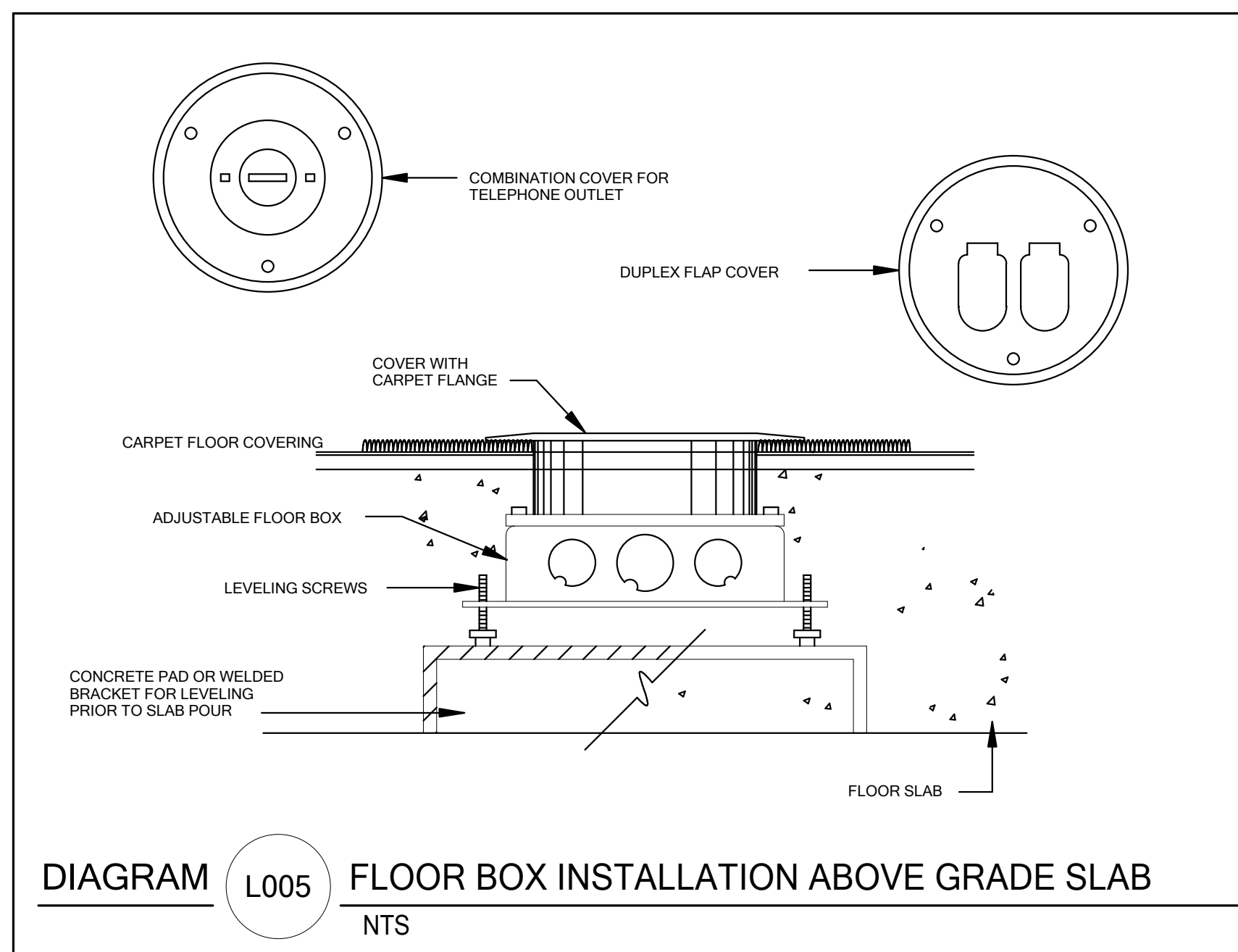
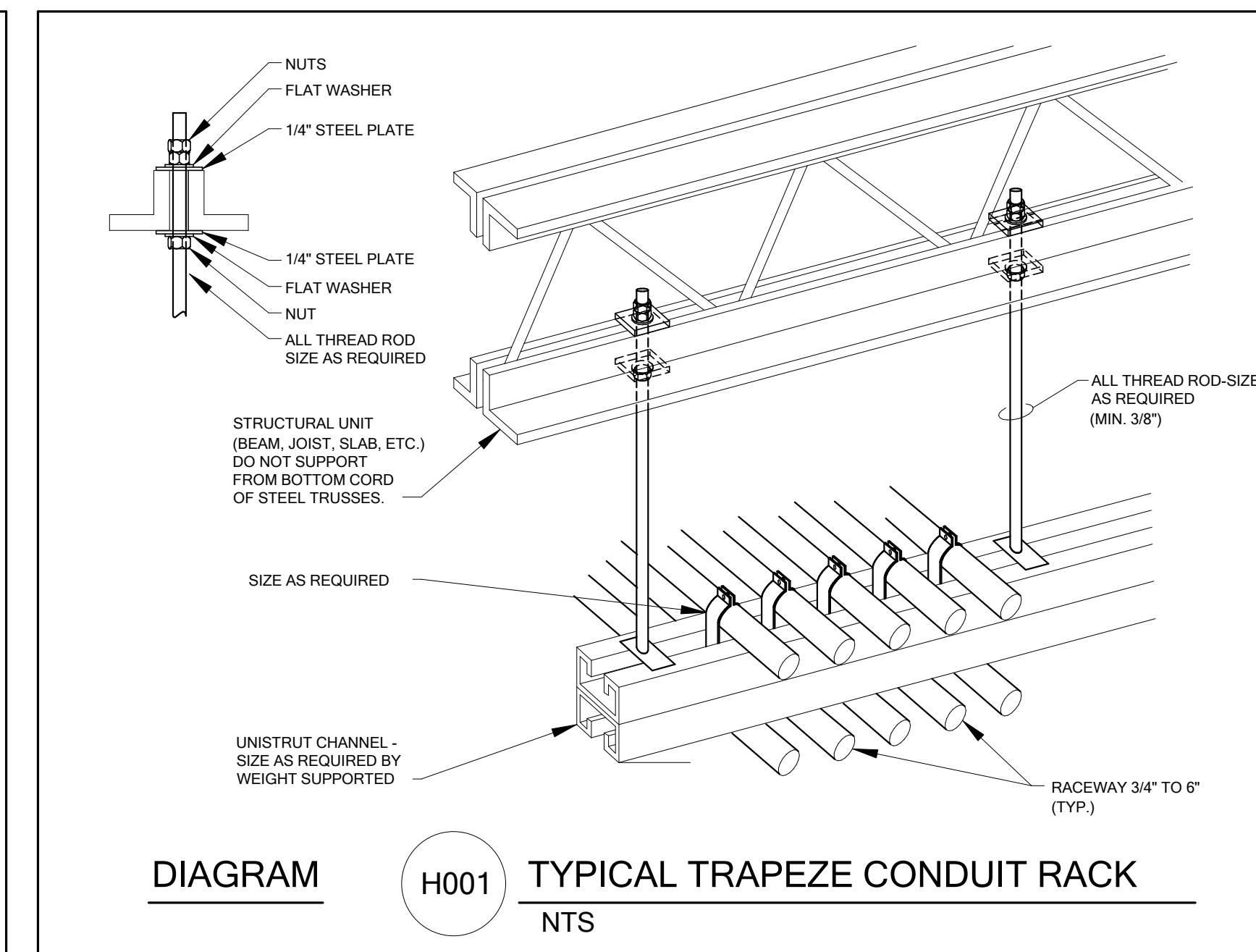
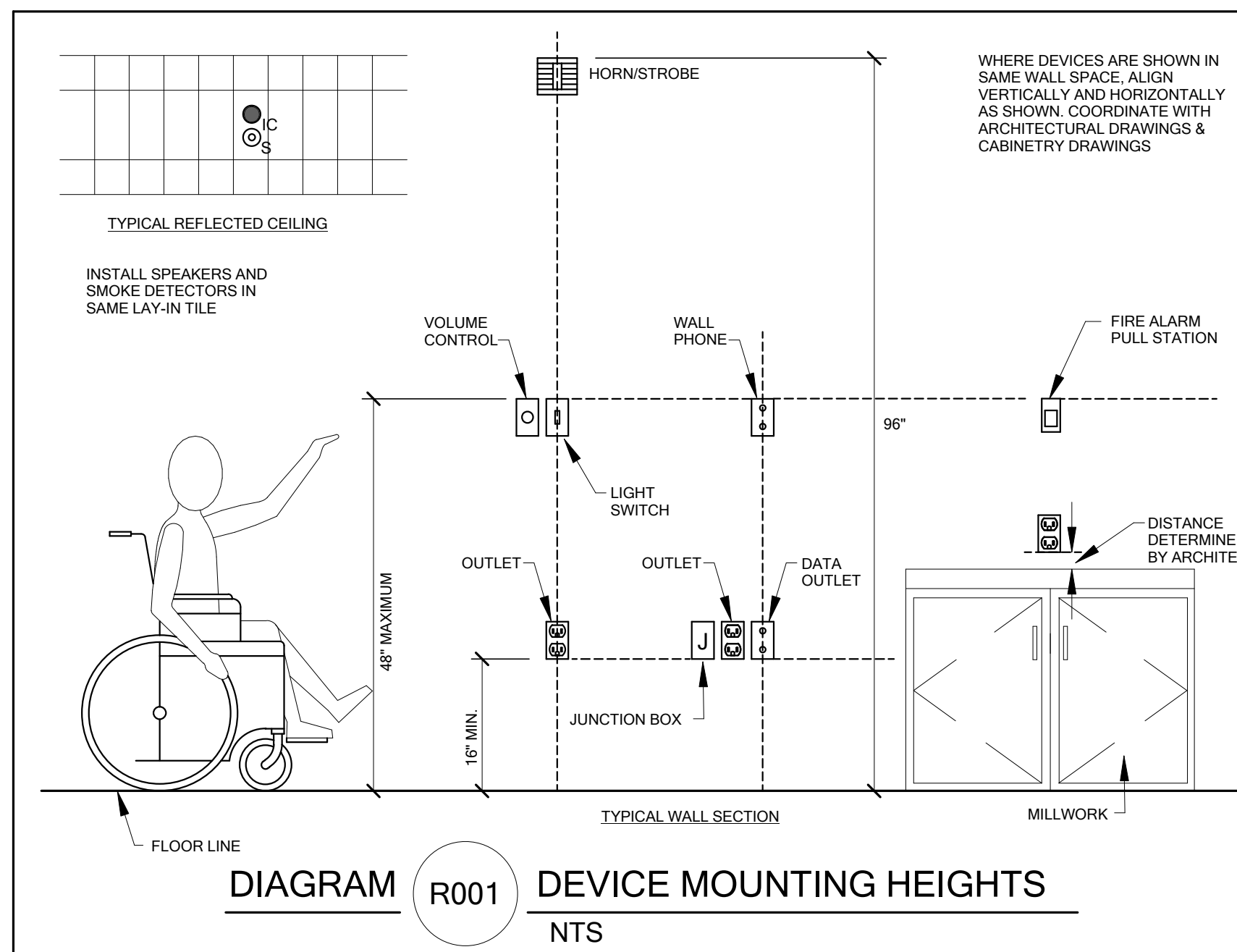
Revision		
No.	Date	Description

SAA Project No. 219008  
Drawing Title

INTERIOR WALL  
ELEVATIONS POWER  
PLAN

Sheet Number

**E302**



Consultant  
**BNA**  
CONSULTING  
SALT LAKE ST. GEORGE  
© 2019 BNA CONSULTING

Project Name  
**OWTC COSMETOLOGY**  
REMODEL  
200 N. WASHINGTON BLVD.  
OGDEN, UT 84404

Issued

No.	Date	Description

Revision

No.	Date	Description

SAA Project No. 219008  
Drawing Title

ELECTRICAL DIAGRAMS

Sheet Number  
**E401**