

**EUROPEAN
WAX
CENTER®**



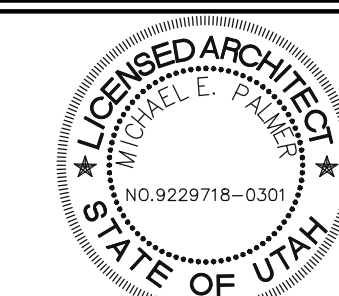
MPA ARCHITECTS INC.



TITLE:

EUROPEAN WAX
CENTER
40 S FOOTHILL DR
SUITE 140
ALT LAKE CITY, UT
84108

TITLE SHEET



DWN	TB
DATE	8-22-2019
CHK	TB
SCALE	AS NOTED
PROJ	2015-2016

T

SHEET INDEX

A collection of hand-drawn architectural symbols and their corresponding labels. The symbols include:

- GRID LINE:** A horizontal line with a circle containing the number '4' above it.
- ROOM IDENTIFICATION:** A circle containing the letter 'A'.
- ROOM NAME:** A rectangle divided horizontally, with 'SHEET' in the top half and a blank space in the bottom half.
- LOCATION OF PLAN WHEN AT INTERIOR ELEVATIONS:** A circle with a horizontal line through its center, with 'DETAIL' written above and below the line.
- SECTION OR ELEVATION TAG:** A circle with a horizontal line through its center, with 'SHEET' written above and below the line.
- DETAIL TAG:** A circle with a horizontal line through its center, with 'DETAIL' written above and below the line.
- KEY NOTE TAG:** A circle with a horizontal line through its center, with 'SHEET' written above and below the line.
- DOOR NUMBER:** A circle containing the number '10'.
- WINDOW/LOWER TYPE:** A circle containing a stylized window symbol.
- MALL TYPE:** A diamond shape containing the number '10'.
- REFER TO MALL SCHEDULE:** A diamond shape containing the number '10'.
- REVISION:** A circle containing a stylized revision symbol.
- REVISION NUMBER:** A circle containing the number '5'.
- AREA OF REVISION:** A cloud shape.
- WORK POINT:** A circle containing a stylized work point symbol.
- (OR CONTROL OR DAIMION POINT):** A circle containing a stylized work point symbol.
- PROPERTY LINE:** A horizontal line with a circle containing a stylized property line symbol.

USE	SQ.FT.	OCC. LOAD FACTOR	OCC. LOAD #
RECEPTION / RETAIL	224	15	15.0
MAX ROOM 1	83	100	1.0
MAX ROOM 2	88	100	1.0
MAX ROOM 3	88	100	1.0
MAX ROOM 4	88	100	1.0
MAX ROOM 5	88	100	1.0
STORAGE	104	300	1.0
OCCUPANT LOAD			21.0

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND ORDINANCES OF THE CITY OF SALT LAKE CITY.
2. CONTRACTORS SHALL NOT SCALE FROM DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. NOTIFY THE ARCHITECT AND OR ENGINEER OF ANY DISCREPANCIES ON DRAWINGS REQUIRING CLARIFICATION OR REVISION BEFORE COMMENCING WITH THE WORK.
3. CONTRACTOR SHALL PROTECT ALL EXISTING CONDITIONS THAT ARE TO REMAIN, AND SECURE THE PROPERTY DURING CONSTRUCTION.

I. ALL BUILDING SIGNS ARE UNDER SEPARATE PERMIT

SHEETS T1, A0.0, A1.0, A2.0, A3.0, A4.0 & A5.0:
 NEW WORK TO INCLUDE 5 NEW WAX ROOMS, LOBBY, STORAGE, AND UNI-SEX RESTROOM.
 NEW NON LOAD BEARING INTERIOR WALLS, WALLS, NEW CEILINGS,
 NEW FLOOR AND WALL FINISHES, NEW DOORS, DOORS FRAMES, NEW WAX CABINETS AND RECEPTION DECK

SHEET M.0
RE-USE EXISTING ROOFTOP HVAC UNIT, NEW DUCT WORK, REGISTERS, DAMPERS AND THERMOSTATS.
NEW HVAC DUCTS CONNECTED TO NEW HVAC UNIT NEW SUPPLY AND RETURN AIR REGISTERS, DAMPERS AND

SHEETS E.0 & E.2.0
RE-USE EXISTING ELECTRICAL PANEL, PROVIDE OUTETS AND JBOX FOR POWER. PROVIDE NEW LIGHT
FIXTURE AND SWITCHES.

FRANCHISE OWNER.

BRUCE VARGO
VANCOUVER WAX LLC
111 WEST 39th ST
SUITE A
VANCOUVER, WA 98604
(360) 694-7855 ext 136
bruce.vargo@waxcenter.com

ARCHITECT OF RECORD:
MICHAEL PALMER
UTAH ARCHITECT'S LICENSE # 9229710-0301
MPA ARCHITECTS INC
3570 30 th STREET
SAN DIEGO, CA 92104
(619) 236-0545
mpalmer@mp-architects.com

OWNER'S REPRESENTATIVE

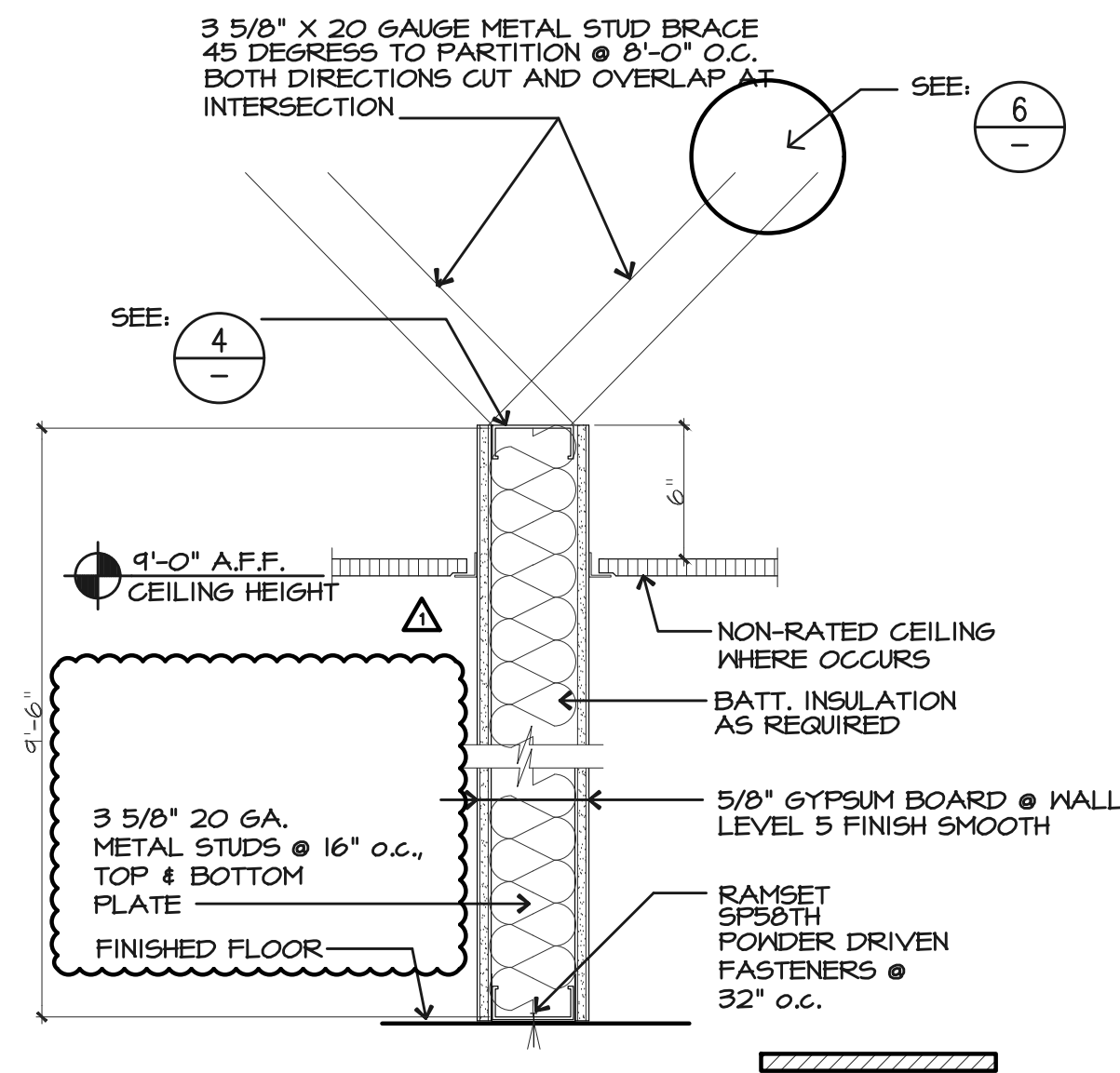
THOMAS BOUFFARD
THOMAS BOUFFARD ARCHITECTS, INC
1822 MAIN STREET
HUNTINGTON BEACH, CA 92648
(707) 372-8156 CELL
tom.tbarchitects@gmail.com

1. WALL TO WALL DIMENSIONS ARE TO FACE OF STUD UO.N.
2. GENERAL CONTRACTOR TO PROVIDE AND INSTALL ONE 2AIOBC FIRE EXTINGUISHER 4 CABINET PER 1500 SF AS INDICATED ON THE FLOOR PLAN OR AS INDICATED ELSEWHERE IN THESE DOCUMENTS.
3. ALL DOOR HARDWARE SHALL BE INSTALLED PER 2012 IBC REQUIREMENTS.
4. SAFETY GLAZING SHALL BE PROVIDED AT ALL HAZARDOUS LOCATIONS, INCLUDING, BUT NOT LIMITED TO, GLAZING IN DOORS & WINDOWS ADJACENT TO DOORS.
5. ALL DOORS SHALL BE EQUIPPED WITH SINGLE EFFORT, NON-GRASP HARDWARE (LEVER) CENTERED BETWEEN 34" AND 44" AFF.
6. ALL DOORS USED FOR EGRESS SHALL HAVE SINGLE ACTION HARDWARE.
7. THE OWNER OF THE PROPERTY SHOULD COMPLY WITH ALL THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
8. ALL OFFICE FURNITURE AND EQUIPMENT IS N.I.C.
9. PROVIDE 6"x6" INTERNATIONAL SIGN OF ACCESSIBILITY AT ACCESSIBLE ENTRANCE TO FACILITY, MOUNTED WITH CENTERLINE AT 60" A.F.F.
10. PROVIDE THE WORDS, "THESE DOORS TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" IN 1" HIGH LETTERING ABOVE INTERIOR SIDE OF MAIN ENTRANCE DOORS.
11. PROVIDE A 90 MINUT BATTERY BACKUP EMERGENCY LIGHTING SYSTEM. THE EMERGENCY LIGHTING SYSTEM SHALL PROVIDE TO THE VIEWS OF EGRESS ILLUMINATION FOR A DURATION OF LESS THAN 90 MINUTES.

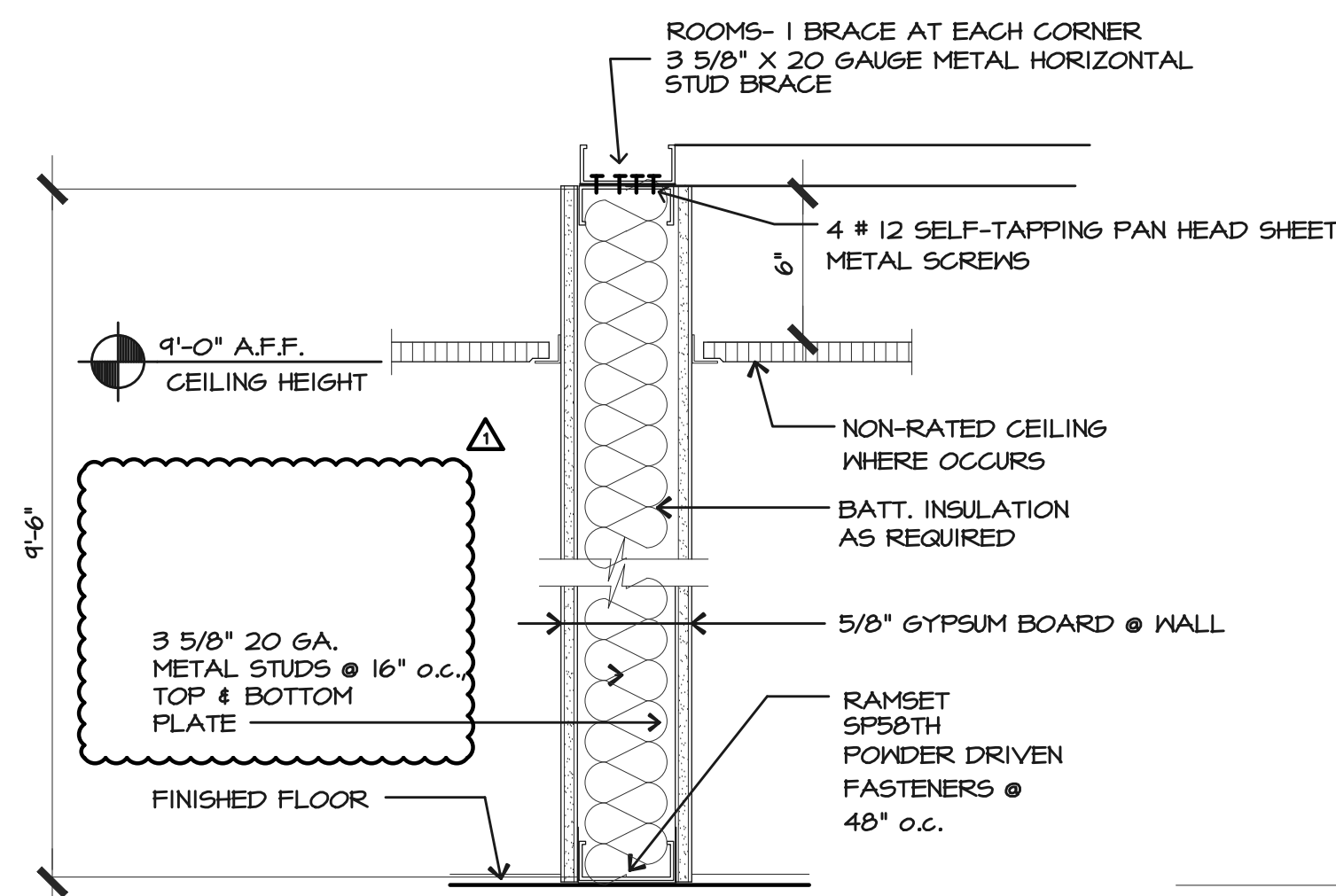
INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE CITY OF SALT LAKE CITY DEFERRED SUBMITTAL ITEM(S);

A. SIGNAGE- SEPARATE PERMIT

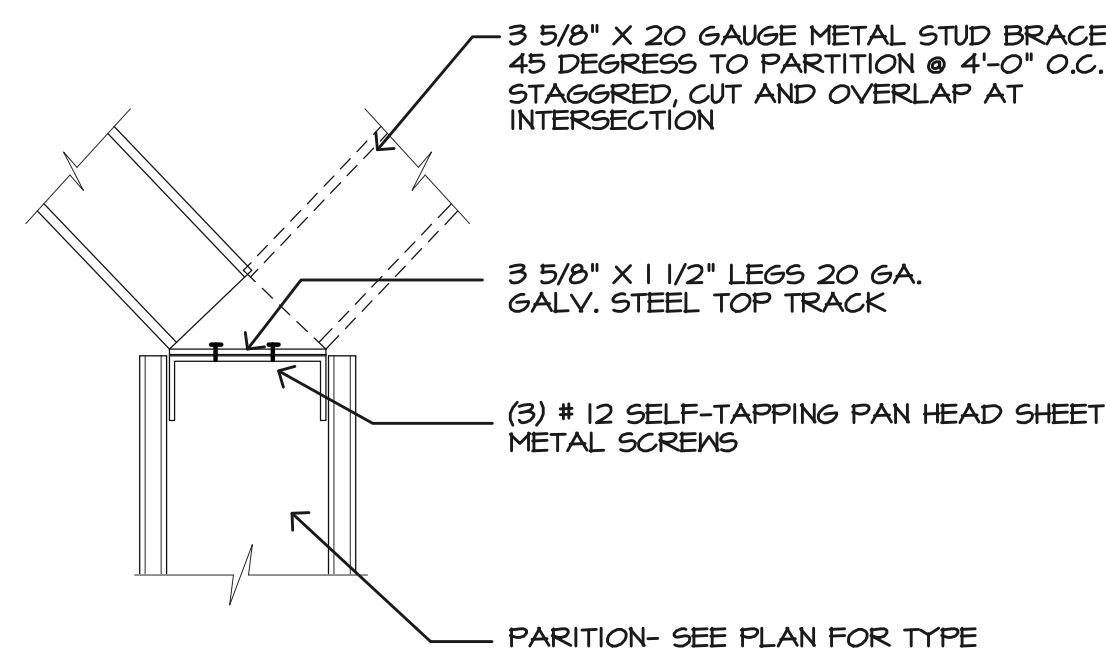
ALL ADDENDAS AND CHANGE ORDERS OF APPROVED DRAWINGS AND SPECIFICATIONS DETAILS SHALL BE APPROVED BY THE CITY OF SALT LAKE CITY



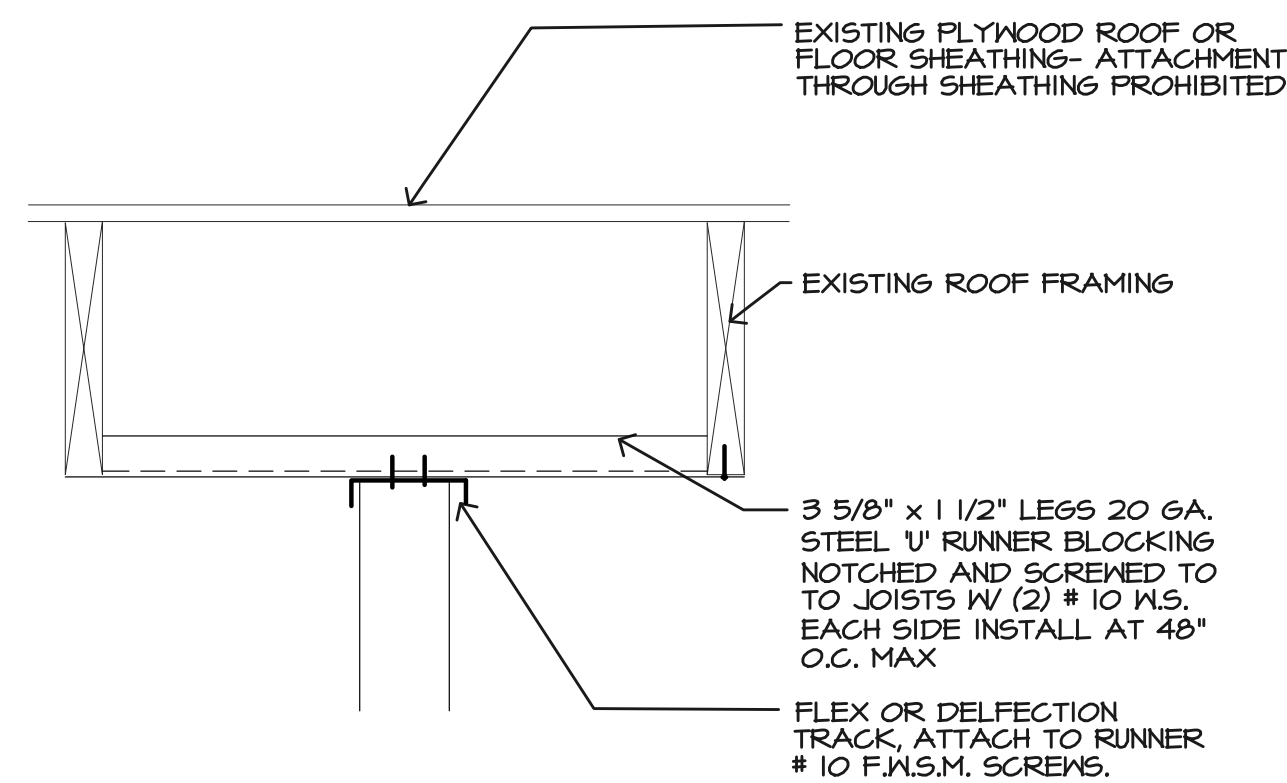
1 NON RATED INTERIOR WALL SECTION
1/2" = 1'-0"



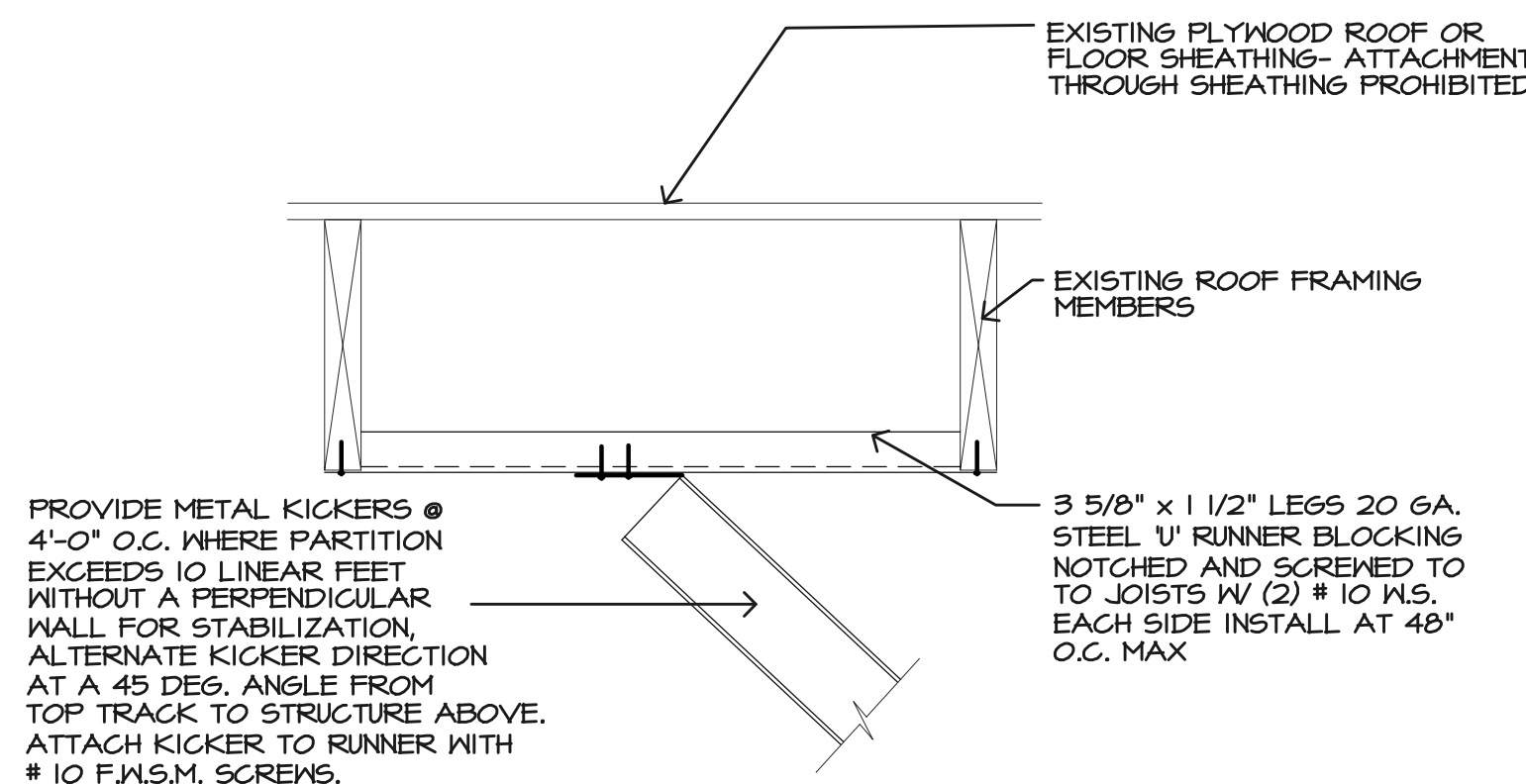
2 ALTERNATE STUD BRACING DETAIL
N.T.S.



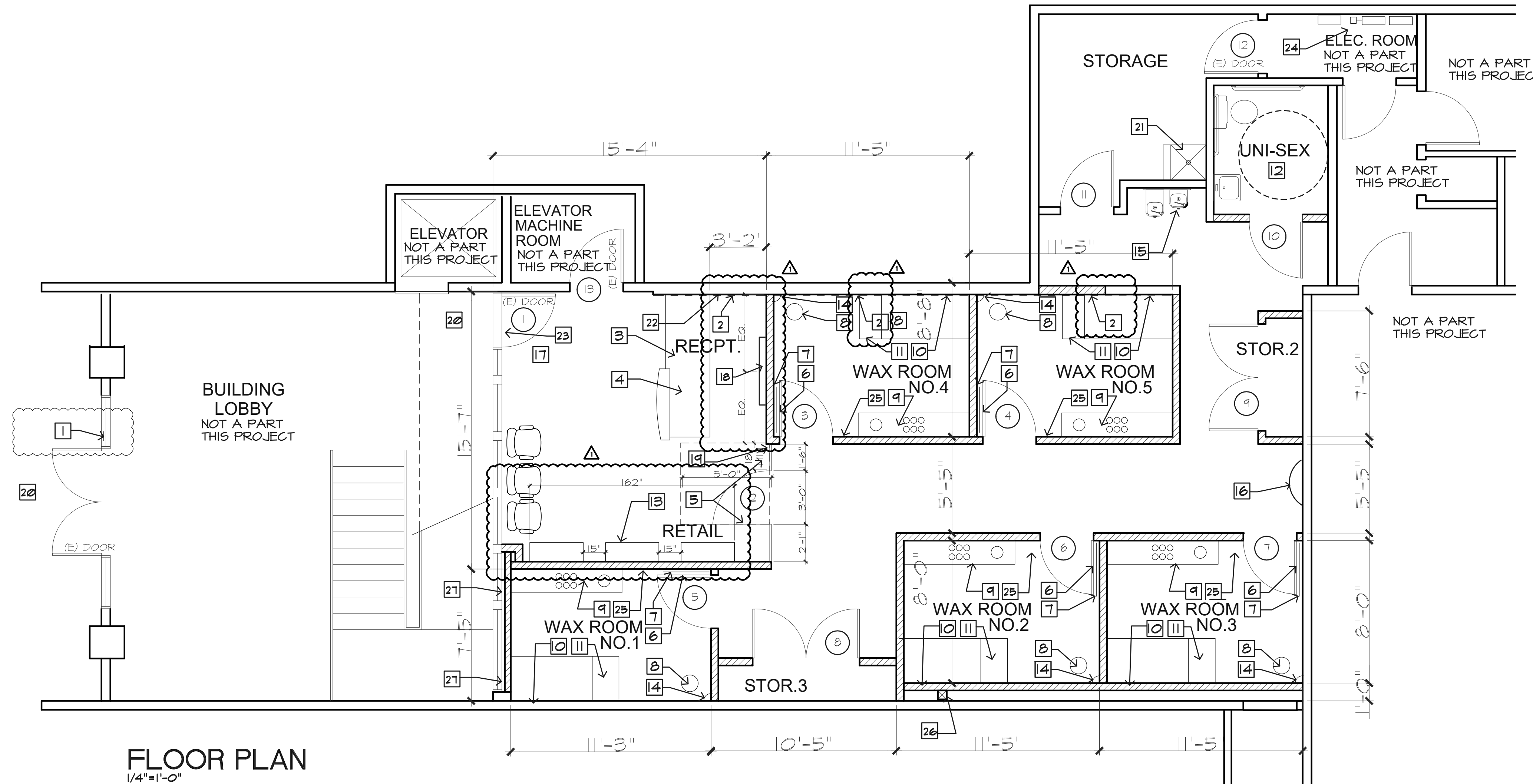
4 STUD BRACNG DETAIL
N.T.S.



5 HEAD TRACK DETAIL
N.T.S.



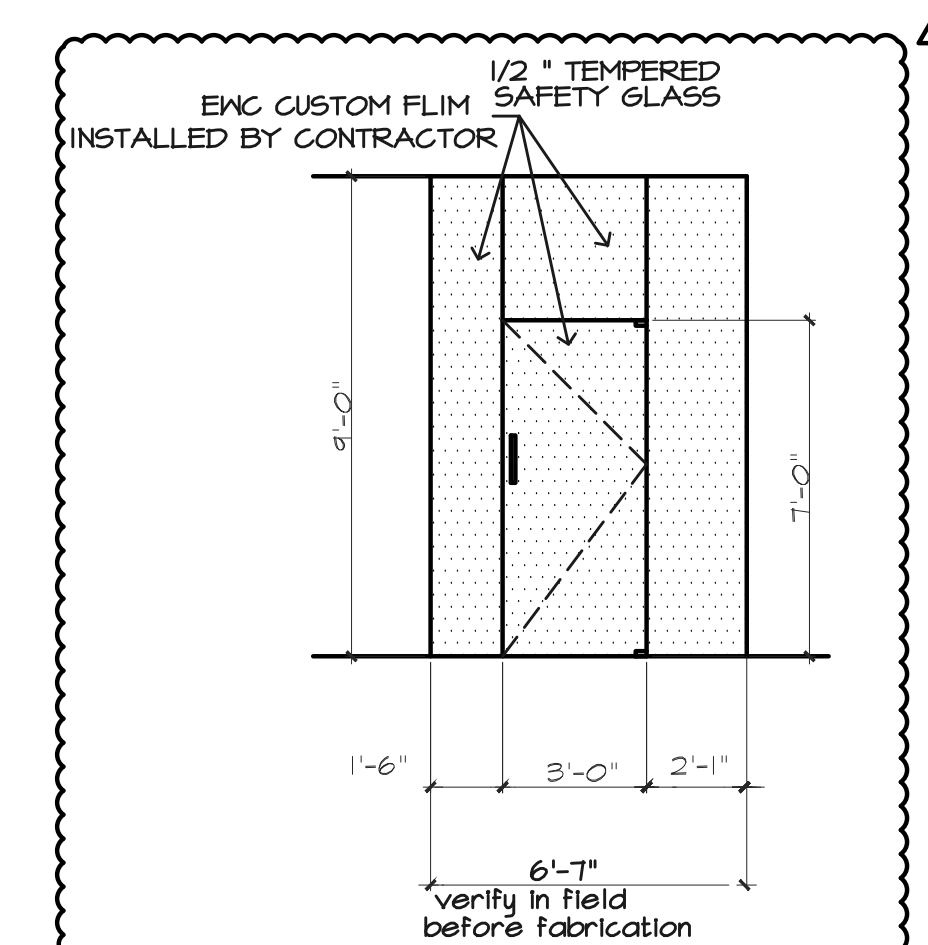
6 STUD BRACING DETAIL
N.T.S.



FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN KEYNOTES

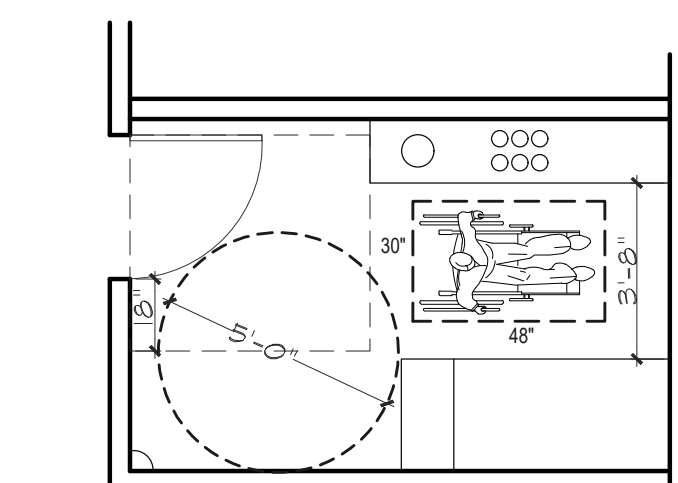
- 1 (E) ACCESSIBLE BUILDING ENTRY SIGN
- 2 ADD ONE LAYER QUITE ROCK 5/8" SOUND BOARD AT WAX ROOM WALL
- 3 ACCESSIBLE COUNTER AREA 34" HIGH MAX, 3'-0" MIN. WIDTH, SEE 3 A4.0
- 4 3-PERSON RECEPTION DESK
- 5 1/2" FRAMLESS GLASS DOOR & WALL NO SILCONE BETWEEN SEAMS GLASS PANELS; PANEL SEAMS 3/16" GAP MAX SEE 7 A2.0, 6 A3.0, 7 A3.0, 8 A4.0
- 6 MIRROR: 28" x 48"
- 7 CLOTHES HOOK BACK OF DOOR HOME DEPOT # 15554.0
- 8 WAX STOOL 12" FROM EACH WALL
- 9 WAX CABINET, 34" MAX HEIGHT, SEE 10B A4.0
- 10 PICTURE FRAMES AT WAX ROOM WALL, SEE 10A A4.0
- 11 THE HEAD REST WILL GO NEAR THE DOOR. THE HEAD OF THE WAX BED MUST FACE THE BACK WALL.
- 12 5'-0" DIA. MIN. CLEAR TURNING RADUIS
- 13 RETAIL DISPLAY- EU-CONCEPT 2 9 A4.0
- 14 PURSE & KEY SHELF: INSTALL BOTTOM OF CLEAT 50" A.F.F. NEAR WAX STOOL
- 15 (E) H/LON DRINKING FOUNTAIN
- 16 WAXER'S WORKSTATION CABINET, SEE ENG SPECS
- 17 INTERIOR SIDE OF MAIN ENTRANCE DOORS. PROVIDE THE WORDS, "THESE DOORS TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" IN 1" HIGH LETTERING ABOVE
- 18 CENTER ENG LOGO SIGN ON WALL MOUNTED 57" FROM FIN FLOOR TO BOTTOM OF THE SIGN. 12 A4.0
- 19 RECESS GLASS DOOR AND PANELS 2" INTO HALLWAY.
- 20 EXISTING LEVEL LANDING AT DOOR 2% MIN SLOPE. LANDING AT REQUIRED DOORS SHALL NOT BE MORE 1/2" LOWER THAT THE TOP OF THE THRESHOLD.
- 21 (E) MOP SINK AND HOT WATER HEATER TO REMAIN
- 22 PICTURE FRAMES AT LOBBY WALL, SEE 2 A5.0
- 23 EXSITING THRESHOLD, SEE 6 A4.0
- 24 EXISTING ELECTRICAL PANEL SEE SHEET E1.0
- 25 PAPER TOWEL DISPENSER 4" TO RIGHT OF WAX CABINET
- 26 (E) 6"x6" T.S. COLUMN
- 27 ENG CUSTOM GRAPHICS ON WINDOWS



7 GLASS DOOR AND WALL PANELS
N.T.S.

WALL SCHEDULE

- (E) WALL
- INTERIOR WALL 3 5/8" METAL STUDS 5/8" GYP. BD EACH SIDE SEE: 1 OR 2



ACCESSIBLE CLEARANCES
TYPICAL WAX ROOM

JOINT VENTURE PROJECT



3578 30th Street
San Diego, CA 92104
V. 619.236.0595
F. 619.236.0557
www.mpa-architects.com
MEMBER
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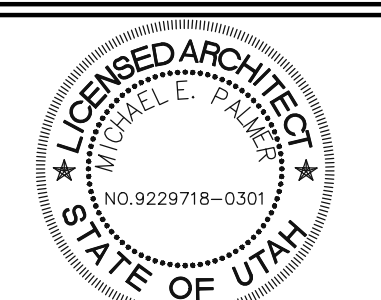
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SHEET DESCRIPTION

FLOOR PLAN AND DETAILS

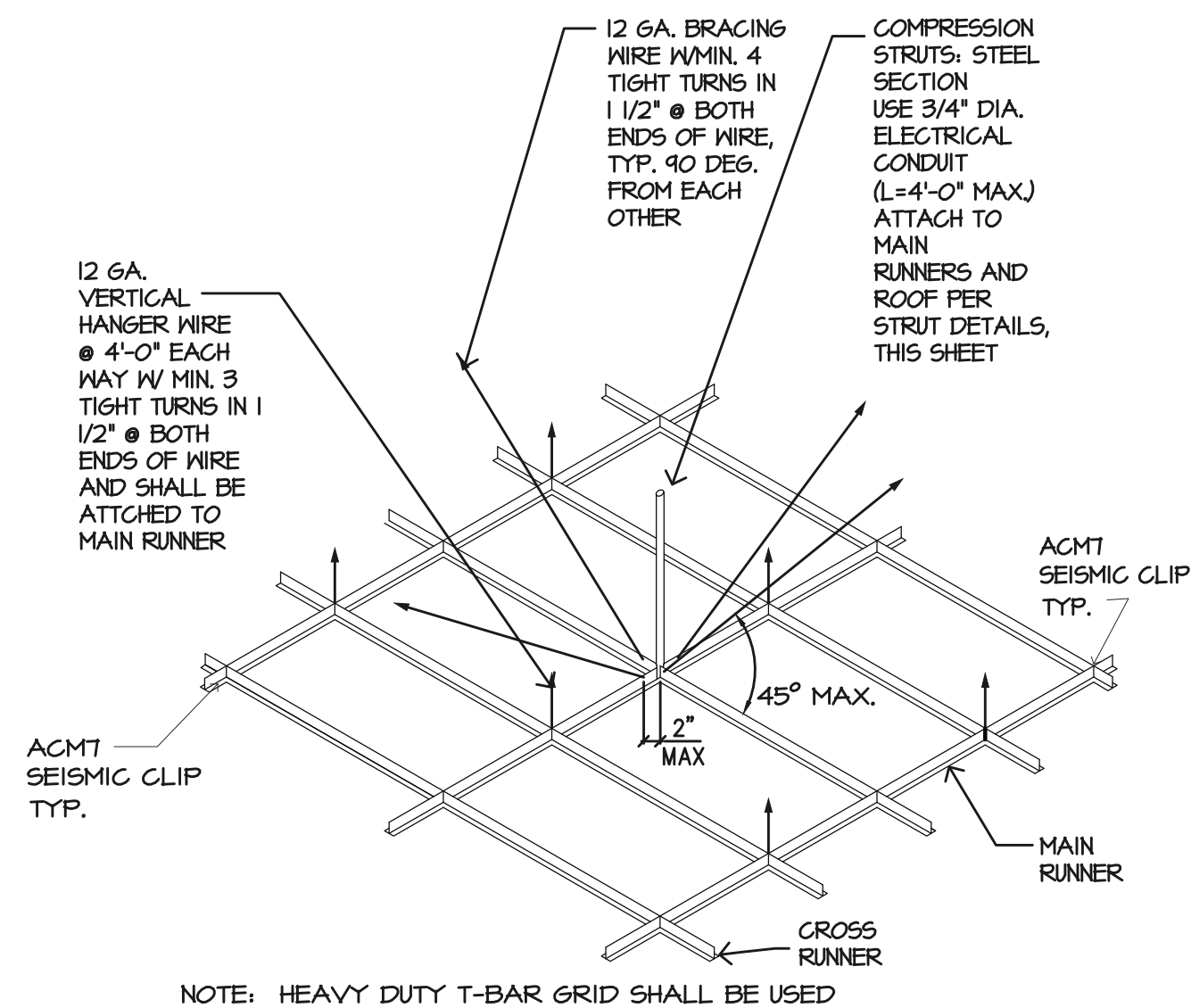


REVISIONS:

OWNER REVIEW
08-30-2019- Plan Check Corrections

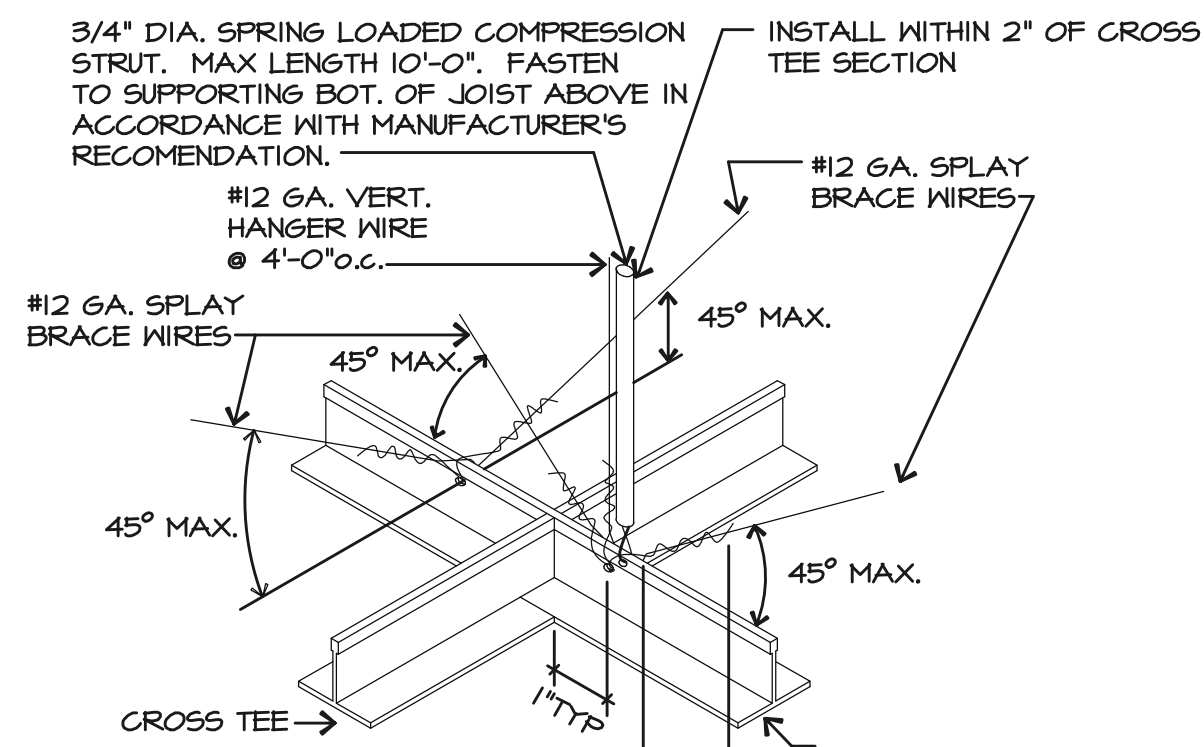
OWN TB
DATE 8-22-2019
SINK TB
SCALE AS NOTED
PROJ. 2019-50

A2.0



1 SUSPENDED CEILING DETAIL

NOT TO SCALE
ICC-ES # ESR 1222
PROVIDE AS COPY OF THE ESR 1222 REPORT ON SITE

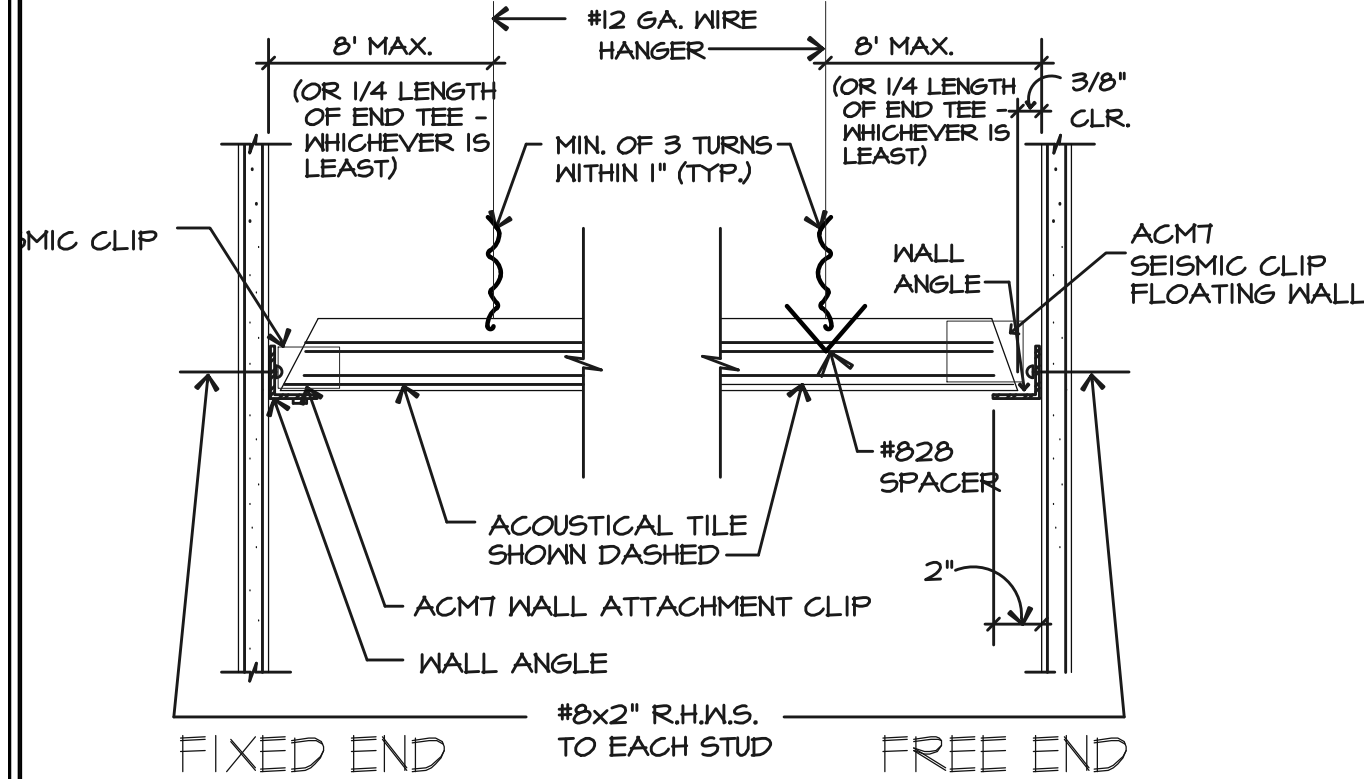


NOTE: STARTING FROM 6\"/>

4 SUSPENDED CEILING BRACING

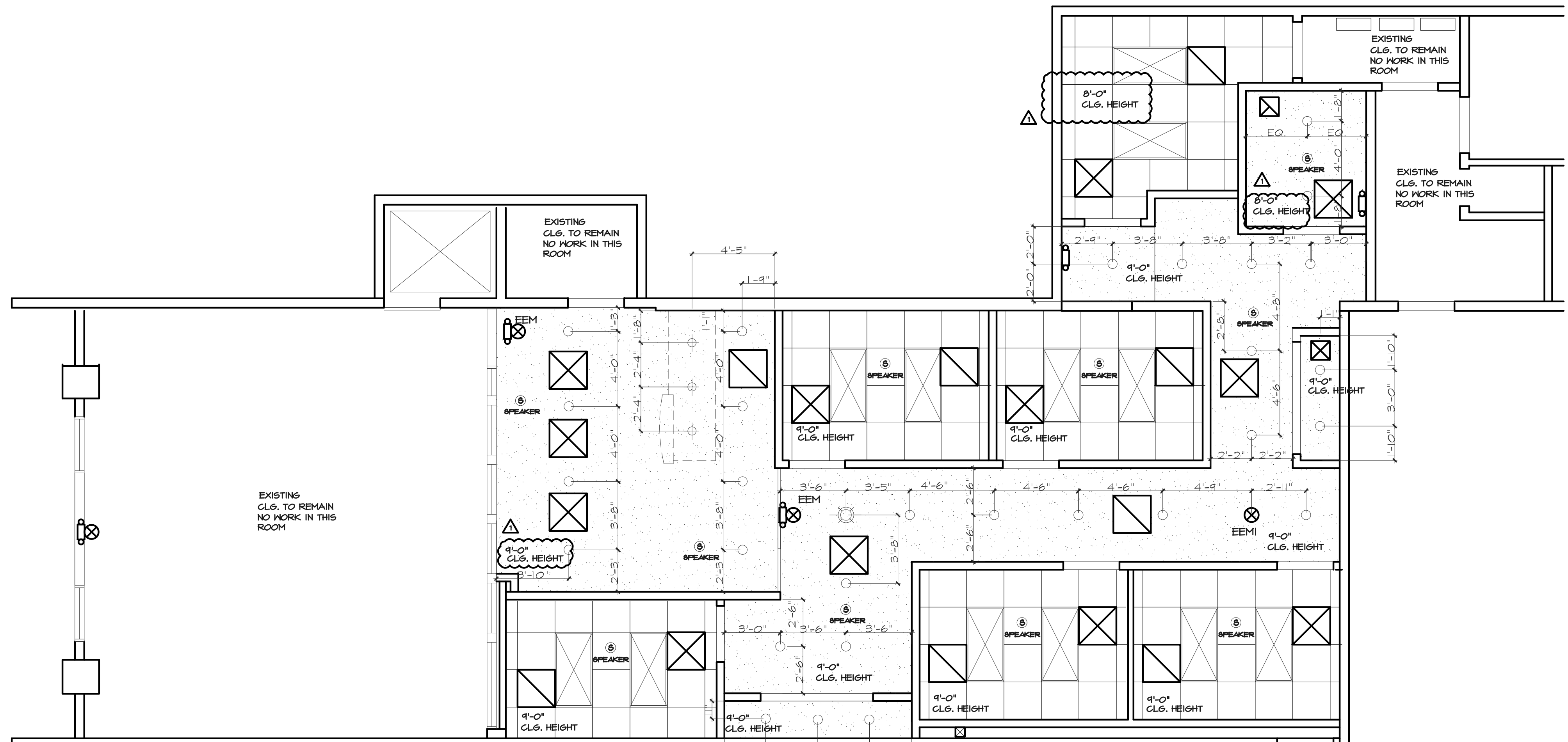
NOT TO SCALE
ICC-ES # ESR 1222
PROVIDE AS COPY OF THE ESR 1222 REPORT ON SITE

NOTE: TWO ADJACENT WALLS SHALL BE FIXED AND TWO SHALL BE FREE. NOTCHING OF HORIZ. SECTIONS PERMITTED AT INTERSECTIONS W/ MAIN RUNNERS OR CROSS TEES. LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO CEILING GRID. THE LIGHT FIXTURE SHALL ALSO BE INDEPENDENTLY ATTACHED TO THE STRUCTURE SEPARATE FROM THE CEILING GRID W/ #12 WIRE @ 2 CORNERS DIAGONALLY ACROSS FROM ONE ANOTHER



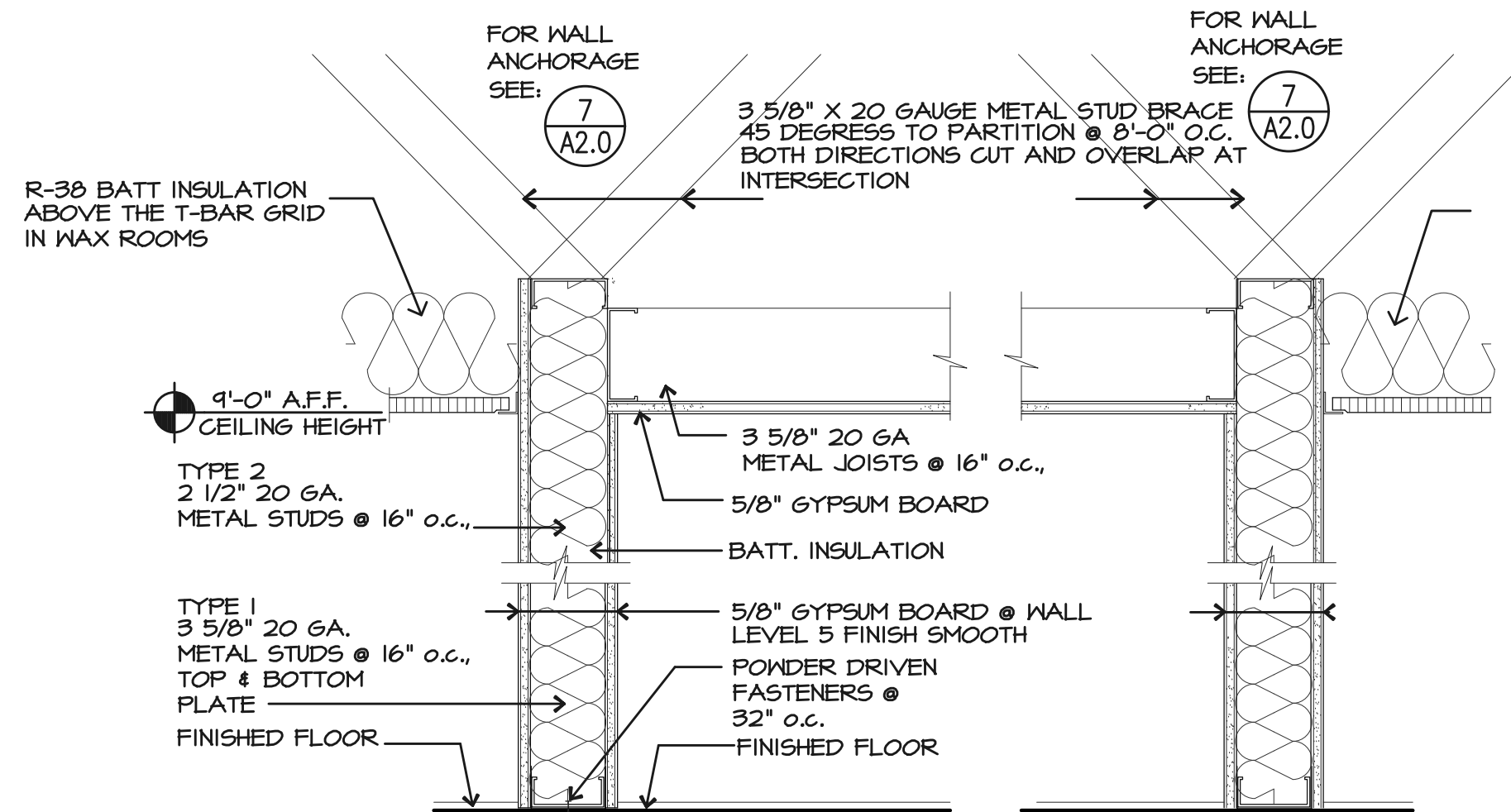
8 SUSPENDED CEILING

NOT TO SCALE
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PROVIDE AS COPY OF THE ESR 1222 REPORT ON SITE



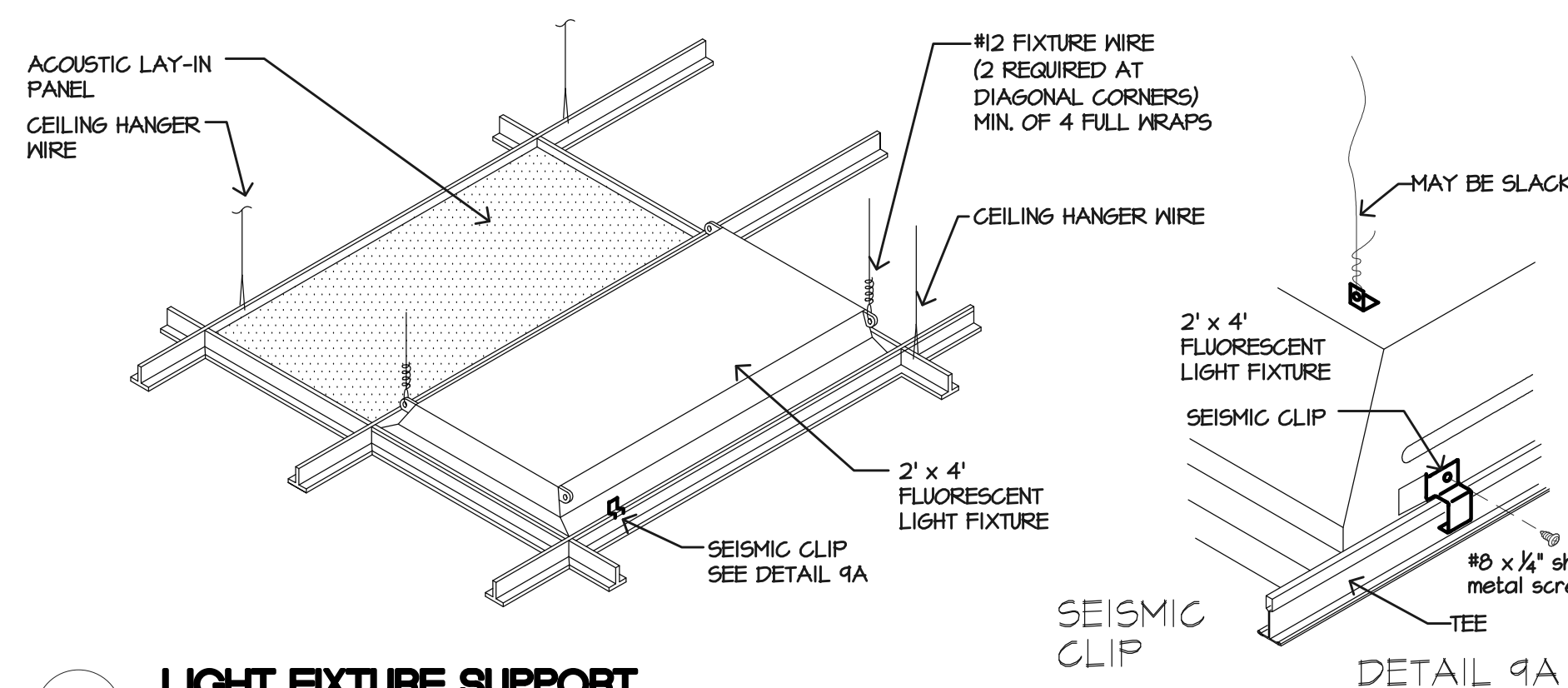
REFLECTED CEILING PLAN

1/4\"/>



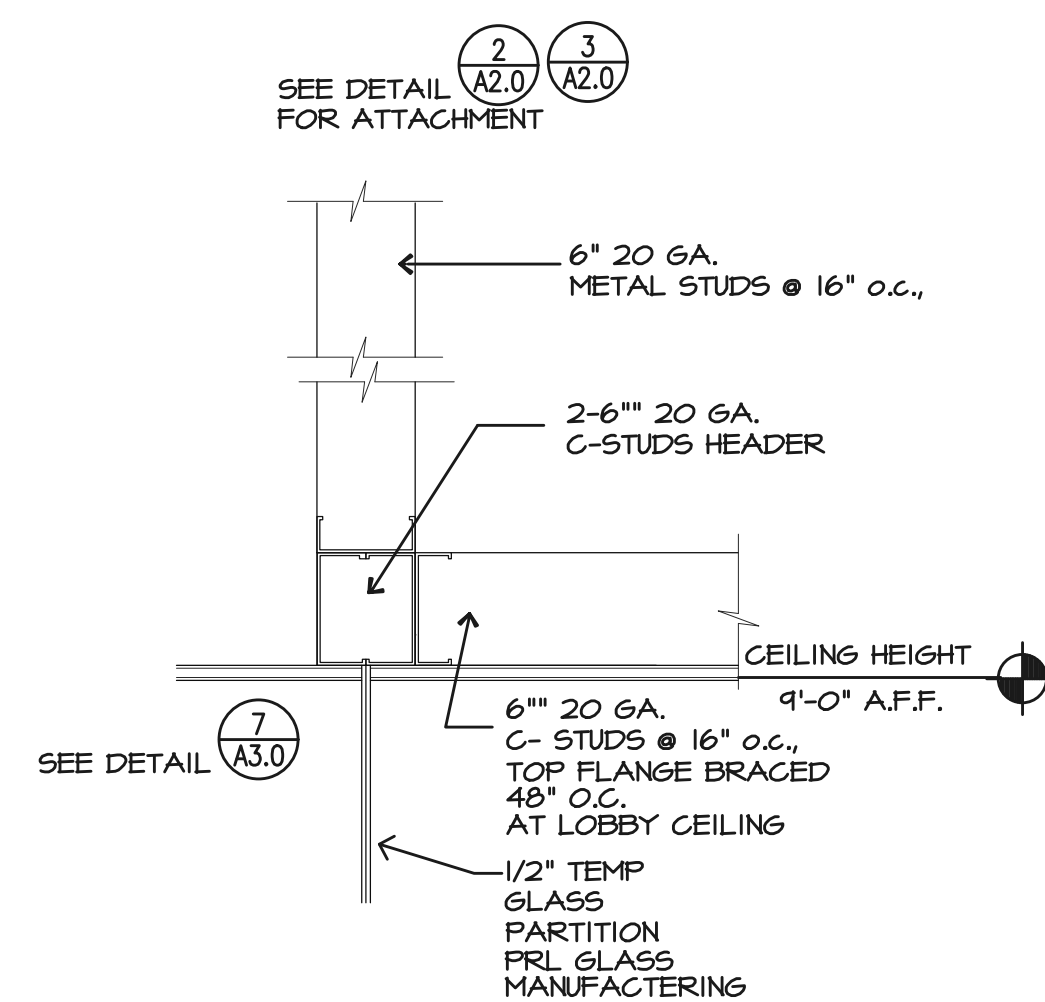
2 CEILING AT HALLWAY

1 1/2\"/>



5 LIGHT FIXTURE SUPPORT

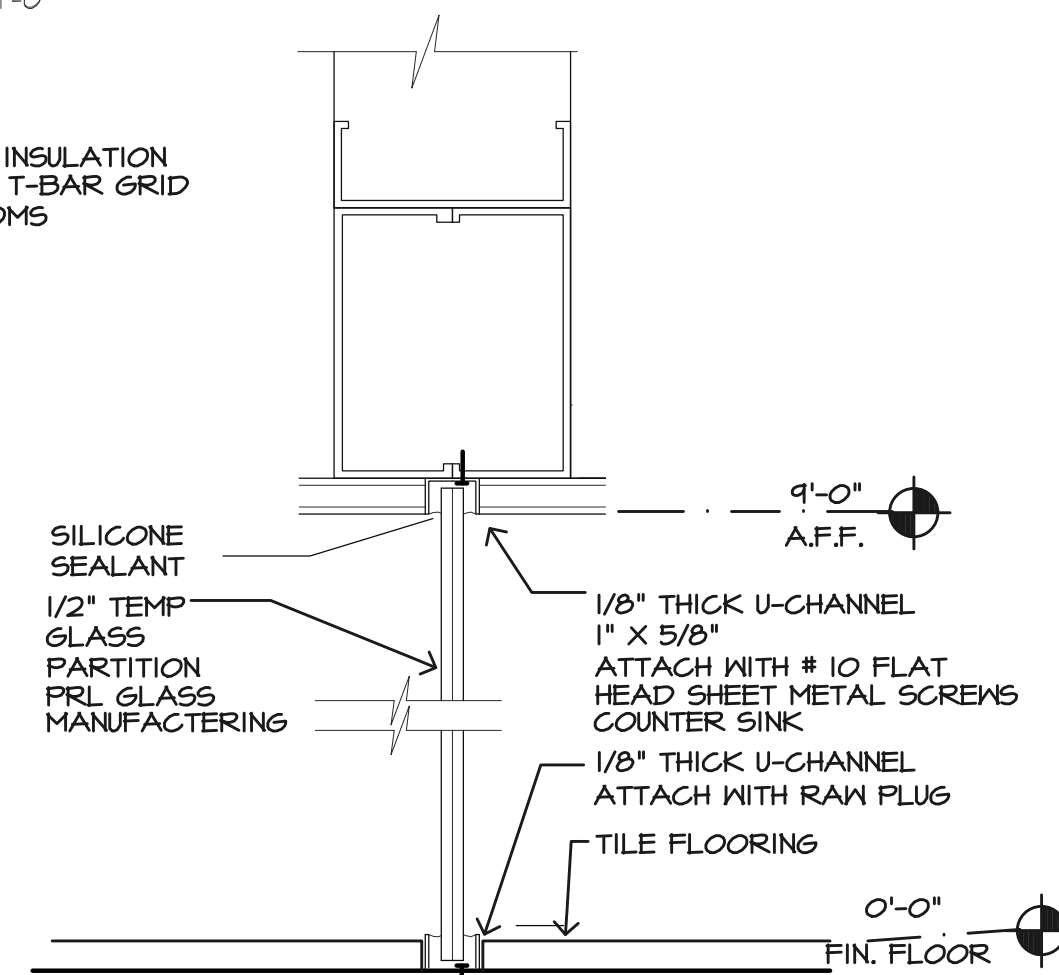
NOT TO SCALE



6 HEADER ABOVE CEILING

1 1/2\"/>

R-38 BATT INSULATION ABOVE THE T-BAR GRID IN WAX ROOMS



7 GLASS PARTITION DETAILS

N.T.S.

CEILING LEGEND/SCHEDULE

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GENERAL FIXTURE NOTES:

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3578 30th Street
San Diego, CA 92104
V. 619.236.0595
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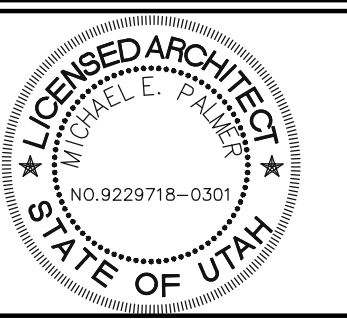
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REFLECTED CEILING
PLAN



REVISIONS:

OWNER REVIEW	08-30-2014- Plan Check Corrections

OWN	TB	SHEET
DATE	8-22-2014	
CHK	TB	
SCALE	AS NOTED	
PROJ.	2014-50	

A3.0



NOTE:
GLASS DOOR
FRAMELESS

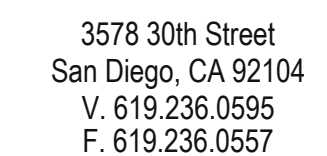
6. ALL DOORS SHALL BE EASILY OPENABLE IN ONE MOTION WITHOUT SPECIAL KNOWLEDGE OR EFFOR. USE OF THUMB OPERATED DEADBOLTS PROHIBITED UNLESS INTEGRATED WITH LATCH.



ALL DOOR FRAMES ARE WLEDED FRAMES

WAX ROOMS: QCL 140 -E-619, VENDOR: K2 COMMERCIAL
STORAGE: QCL 130 -E-619, VENDOR: K2 COMMERCIAL

GROUP 1		GROUP 3	
QTY.	STYLE/FINISH	QTY.	STYLE/FINISH
1	FLOOR CLOSER; BT575V MANUFACTURER; DORMA FINISH; POLISHED CHROME LOW PROFILE FRAME- TOP & BOTTOM MOUNT ONLY	1 1/2 PR.	HINGES- TA2T14 4 1/2" X 4 1/2" MANUFACTURER; MCKINNEY FINISH; BRUSHED ALUMINUM SCHLAGE "S" SERIES PASSAGE LATCH
2	DOOR PULL (BACK TO BACK) MANUFACTURER; GR LAURENCE FINISH; POLISHED CHROME	1	FLOOR MOUNTED DOOR STOP
GROUP 2		GROUP 4	
QTY.	STYLE/FINISH	QTY.	STYLE/FINISH
1 1/2 PR.	HINGES- TA2T14 4 1/2" X 4 1/2" MANUFACTURER; MCKINNEY FINISH; BRUSHED ALUMINUM SCHLAGE "S" SERIES PRIVACY LATCH	3 PR.	HINGES- TA2T14 4 1/2" X 4 1/2" MANUFACTURER; MCKINNEY FINISH; BRUSHED ALUMINUM SCHLAGE "S" SERIES STOREROOM LA
1	FLOOR MOUNTED DOOR STOP	1	FLOOR MOUNTED DOOR STOP
		2	DUMMY TRIM
		1	



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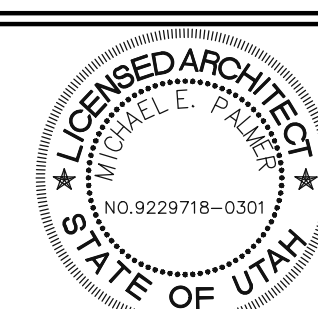


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DOOR SCHEDULE AND TYPICAL DETAILS

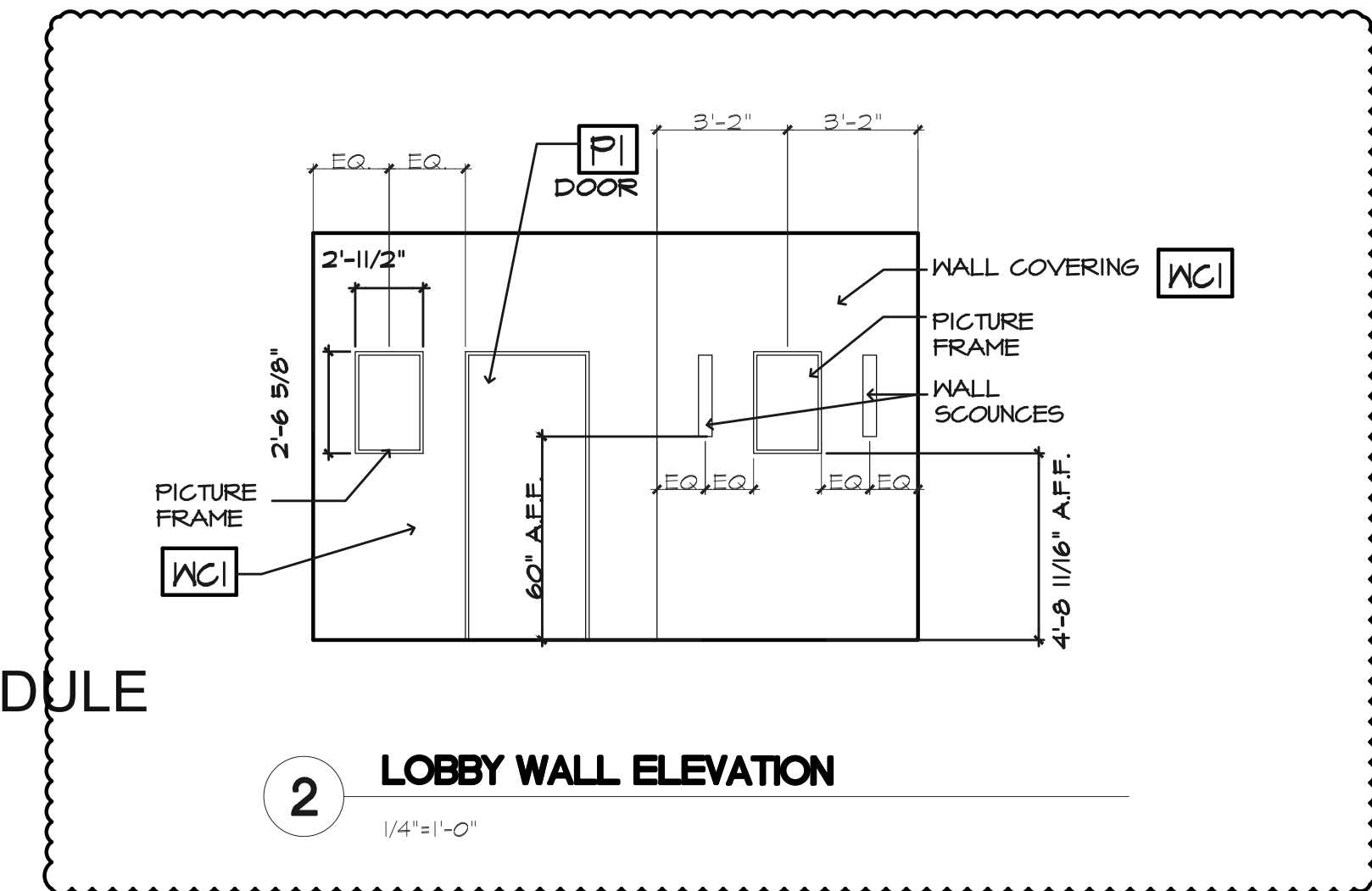
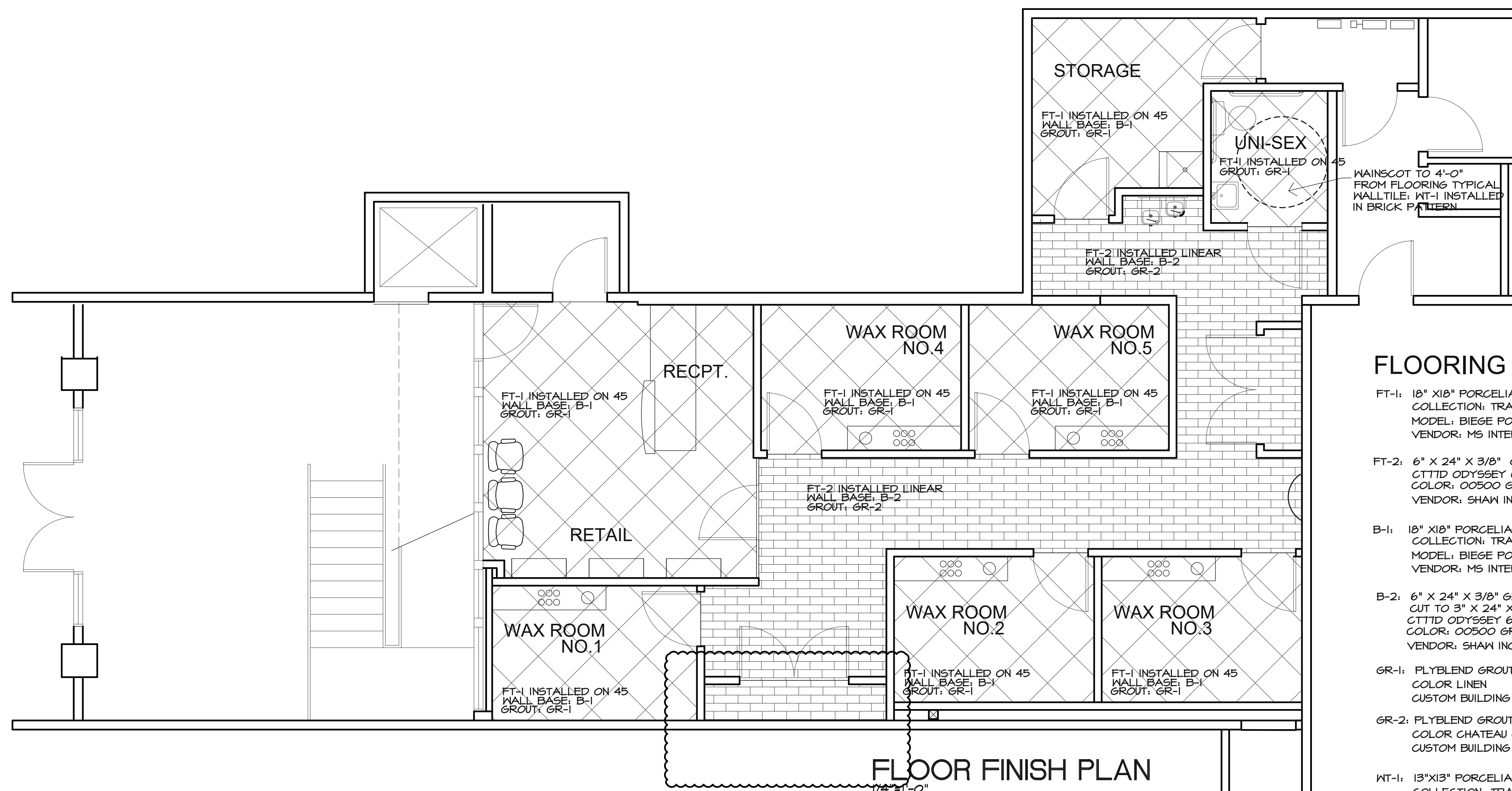


REVISIONS:

1 OWNER REVIEW
08-30-2019- Plan Check Corrections

DWN	TB	SH
DATE	8-22-2019	
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SCALE	AS NOTED	
PROJ.	2019-50	

A4.0



FLOORING SCHEDULE

FT-1: 18" X18" PORCELAIN TILE
COLLECTION: TRAVERTINO
MODEL: BIEGE PORCELAIN
VENDOR: MS INTERNATIONAL

FT-2: 6" X 24" X 3/8" GLAZED PORCELAIN TILE
CTTID ODYSSEY 6X24
COLOR: 00500 GRAY, GROUT COLOR: LINEN
VENDOR: SHAW INC.

B-1: 18" X18" PORCELAIN TILE CUT TO 3" X 18"
COLLECTION: TRAVERTINO
MODEL: BIEGE PORCELAIN
VENDOR: MS INTERNATIONAL

B-2: 6" X 24" X 3/8" GLAZED PORCELAIN TILE
CUT TO 3" X 24" X 3/8"
CTTTID ODYSSEY 6X24
COLOR: 00500 GRAY, GROUT COLOR: LINEN
VENDOR: SHAW INC.

GR-1: PLYBLEND GROUT
COLOR LINEN
CUSTOM BUILDING PRODUCTS

GR-2: PLYBLEND GROUT
COLOR CHATEAU GRAY # 182
CUSTOM BUILDING PRODUCTS

WT-1: 13"X13" PORCELAIN TILE
COLLECTION: TRAVERTINO
MODEL: BIEGE PORCELAIN
VENDER: MS INTERNATIONAL

WT-2: 2" X 6" V-CAP PORCELAIN TILE
COLLECTION: TRAVERTINO
MODEL: BIEGE PORCELAIN
VENDER: MS INTERNATIONAL

NOTES:

WALL, FLOOR AND CEILING SHALL NOT EXCEED THE
FRAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.9.

WALL AND CEILING FINISHES :
CLASS C: FLAME SPREAD INDEX 76-200
SMOKE DEVELOPED INDEX 0-450

TILE NOTE:

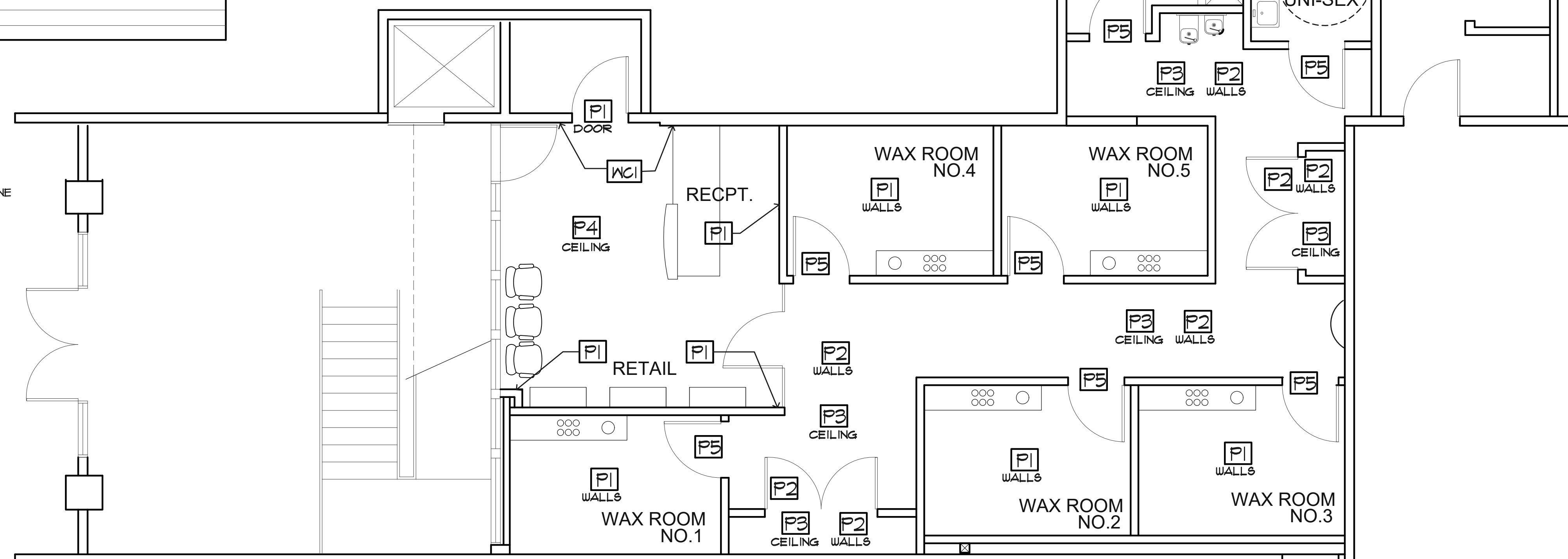
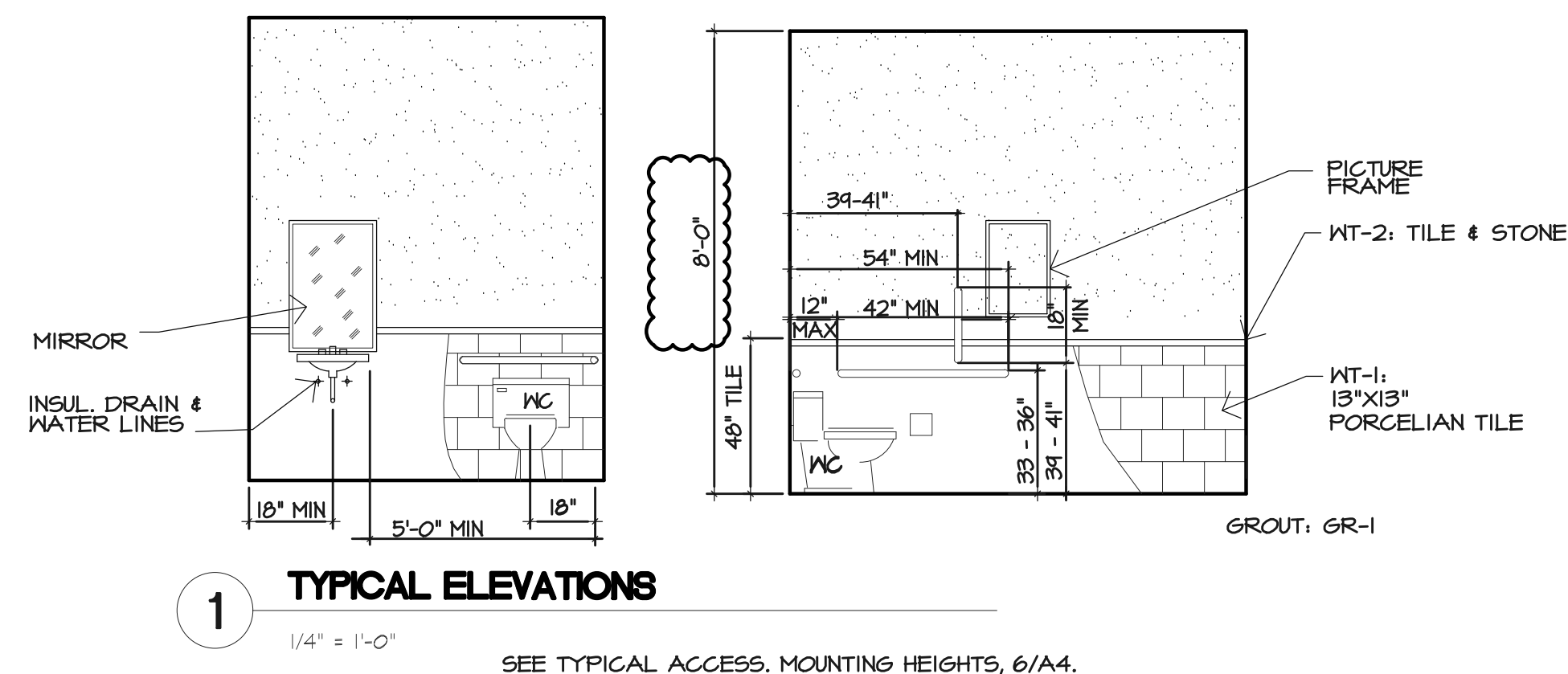
TILES MUST BE MUDSET AND 1/16" MAX.

WALL FINISH SCHEDULE
NO TEXTURE - ALL WALLS FLAT FINISH

PAINT FINISH SCHEDULE

	DESCRIPTION	#	FINISH	
P1	MEDICI IVORY	SWT550	EGGSHELL	SHERWIN WILLIAMS; COLOR; MEDICI IVORY SW 1550
P2	REALISTIC BEIGE	SW6070	EGGSHELL	SHERWIN WILLIAMS; COLOR; REALISTIC BEIGE SW 6070
P3	SMOKE	ME243	N/A	SHERWIN WILLIAMS; BRAND; MODERN MASTERS; COLLECTION; METALLIC PAINT; COLOR; SMOKE ME-243
P4	EXTRA WHITE	SWT006	N/A	SHERWIN WILLIAMS; BRAND; MODERN MASTERS; COLLECTION METALLIC PAINT; COLOR; EXTRA WHITE SWT006
P5	DOORS	ME513	N/A	SHERWIN WILLIAMS; BRAND; MODERN MASTERS; COLLECTION; METALLIC PAINT; COLOR; SASHAY RED ME-513
WC1	WALL COVERING			KOROSEAL " GUSTAV DAMASK" D-222-10
BK-1	FAUX BRICK			SEE SPEC BOOK

NOTE: P5 REQUIRE SPRAY APPLICATION, NO BRUSH OR ROLL APPLICATION IS PERMITTED



WALL AND CEILING FINISH PLAN



3578 30th Street
San Diego, CA 92104
V. 619.236.0595
F. 619.236.0557
www.mpa-architects.com
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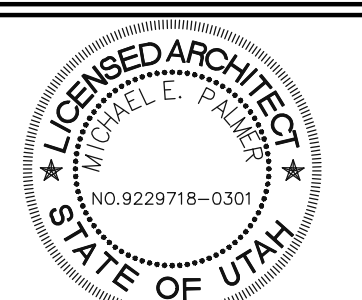
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BOUFFARD
ARCHITECTS, INC**
1822 MAIN STREET
HUNTINGTON BEACH, CA
92648
(707) 372-8156
tom.tbarchitects@gmail.com

PROJECT TITLE:

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SALT LAKE CITY, UT
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SHEET DESCRIPTION

FINISHES PLAN AND DETAILS



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SCALE	AS NOTED	
PROJ.	2019-50	

A5.0

PLUMBING FIXTURE CONNECTION SCHEDULE								
SYMBOL	DESCRIPTION	H	IN	V	CH	HN	G	TRAP
WC-1	WATER CLOSET - ADA	4"	-	2"	1"	-	-	INT.
L-1	LAVATORY - ADA	2"	-	1 1/2"	1/2"	1/2"	-	1 1/4"x1 1/2"

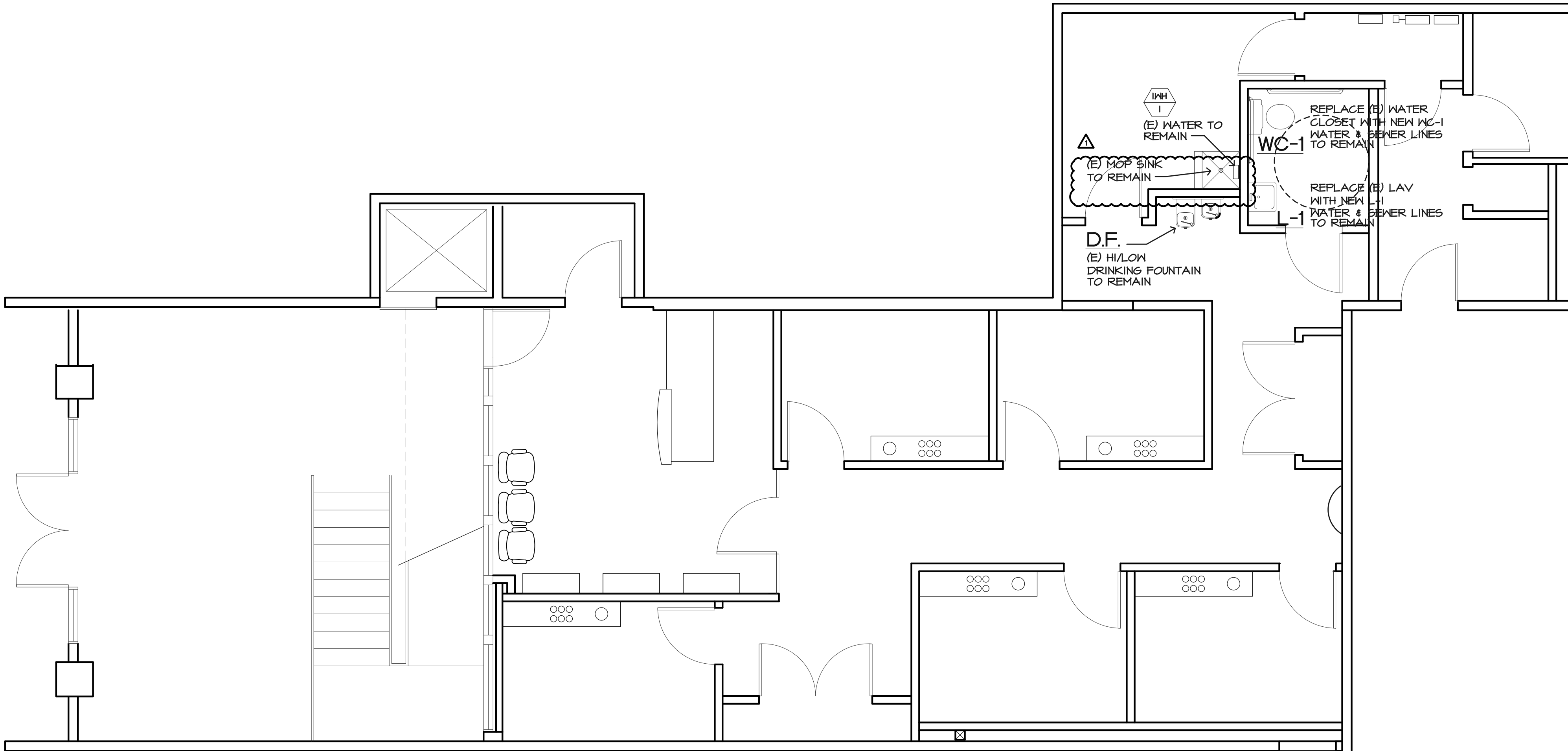
PLUMBING SPECIFICATION NOTES

- A. CONNECT SEWER, GAS, VENTS AND WATER LINES AS INDICATED ON THE PLUMBING PLANS. DETERMINE THE EXACT LOCATION OF ALL EXISTING SERVICE CONNECTIONS BEFORE STARTING THE INSTALLATION OF ANY WORK. COORDINATE ALL WORK WITH OTHER TRADES, THE GENERAL CONTRACTOR AND THE OWNER'S FIELD REPRESENTATIVE.
- B. PLUMBING WORK SHALL CONFORM TO GOOD ENGINEERING PRACTICE AND BE IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES AND OWNER'S REQUIREMENTS.
- C. SANITARY SEWERS AND VENTS INSIDE OF THE BUILDING SHALL BE ABS PIPING.
- D. ALL COLD AND HOT WATER LINES SHALL BE TYPE 'L' COPPER WITH 95-5 TIN ANTIMONY SOLDER.
- E. PLUMBING CONTRACTOR SHALL INSTALL SHOCK ABSORBERS IN PIPING SYSTEM (BEHIND ACCESS PANEL) TO PREVENT NOISE AND DAMAGE DUE TO WATER HAMMER, WHERE NECESSARY. BRANCH PIPING SHALL HAVE ACCESSIBLE SERVICE VALVES. PROVIDE SHUT-OFF VALVES IN THE SUPPLY PIPING TO EVERY FIXTURE.
- F. CHLORINATION OF WATER PIPING: THE DOMESTIC WATER PIPING SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL CONTAMINATED WATER DOES NOT APPEAR AT THE OUTLET AND SHALL BE FILLED WITH A SOLUTION CONTAINING 50 PARTS PER MILLION OF CHLORINE AND ALLOWED TO STAND FOR A PERIOD (AS PRESCRIBED BY THE CODE) BEFORE FLUSHING. THE SYSTEM SHALL BE FLUSHED COMPLETELY WITH CLEAR WATER UNTIL ALL RESIDUAL CHLORINE CONTENT IS REMOVED. CHLORINATION SHALL BE PERFORMED AFTER ALL PIPING AND FINAL CONNECTIONS AND PRESSURE TESTING HAS BEEN COMPLETED. IF, AFTER THE PIPES HAVE BEEN CHLORINATED, THE PIPES HAVE TO BE DISMANTLED, THE CHLORINATION PROCESS MUST BE REPEATED.
- K. INSTALLATION SHALL BE PERFORMED IN A WORKMANLIKE MANNER BY MECHANICS SKILLED IN THEIR PARTICULAR TRADE. PIPE AND EQUIPMENT SHALL BE INSTALLED SQUARE AND PLUMB AND ACCESSIBLE FOR PROPER OPERATION AND SERVICE.
- L. CUTTING OR PATCHING NECESSARY TO PERMIT THE INSTALLATION OF ANY WORK UNDER THIS CONTRACT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- M. PROVIDE ANY NECESSARY EXCAVATING AND BACKFILLING FOR THE INSTALLATION OF WORK SPECIFIED IN THIS DIVISION. AFTER THE PIPE HAS BEEN INSTALLED, TESTED AND APPROVED, THE TRENCHES SHALL BE BACKFILLED AND WELL TAMPED TO GRADE WITH APPROVED MATERIAL.
- T. GENERAL REQUIREMENTS OF PLUMBING FIXTURES AND TRIM:

- PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL STOPS, TRAPS, ESCUTCHEONS, CONNECTIONS, ETC., AS NECESSARY FOR A COMPLETE INSTALLATION.
- TERMINATE ALL WATER ROUGH-INS WITH SHUT-OFF VALVES BEFORE CONNECTING EQUIPMENT AND FIXTURES.
- PURGE ALL WATER LINES BEFORE MAKING FINAL CONNECTIONS.
- FLASH AND COUNTERFLASH ALL OPENINGS THRU ROOFS WITH SHEET LEAD BUILT A MINIMUM OF 10" INTO THE ROOFING IN ALL DIRECTIONS FROM THE OUTSIDE OF THE PIPE.
- WATER AND WASTE LINES TO BE ROUGHED INSIDE WALLS; EXTEND WATER AND WASTE LINES OUT OF WALLS TO EQUIPMENT AND FIXTURES.
- WHERE THE WORK "FURNISH" OR "INSTALL" APPEARS FOR THE PLUMBING CONTRACT, IT SHALL BE INTERPRETED TO MEAN THE PLUMBING CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SUPPLIES NECESSARY TO INSTALL AND PLACE IN OPERATION CONDITION.
- GENERAL WATER PRESSURE SHALL NOT EXCEED 75 PSI. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL PRESSURE REDUCING VALVES FOR DOMESTIC WATER IF REQUIRED.

GENERAL PLUMBING NOTES

- ALL WORK TO BE PERFORMED UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
- ORDINANCES AND REGULATIONS: ALL WORK SHALL CONFORM TO APPLICABLE REQUIREMENTS OF LEGAL AUTHORITIES HAVING JURISDICTION. ORDINANCES SHALL GOVERN OVER DRAWINGS UNLESS THE DRAWINGS REQUIRE HIGHER STANDARDS OR LARGER SIZES.
- THE DRAWINGS INDICATE THE GENERAL ARRANGEMENTS OF EQUIPMENT PIPING, FIXTURES, ETC. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ROUGH-IN DIMENSIONS, AND SHALL ALSO COORDINATE WORK TO BE PERFORMED WITH ALL OTHER TRADES.
- THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING BIDS. THE SUBMITTAL OF A BID WILL VERIFY THAT THE CONTRACTOR HAS INDEED EXAMINED THE SITE AND ITS CONDITIONS AND FULLY UNDERSTANDS THE PLANS.
- ALL DEVIATION FROM THE DRAWINGS OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO PERFORMING THE WORK.
- INSTALL UNDERGROUND PIPING CLEAR OF LOCAL BEARING FOOTINGS OR AS DIRECTED BY THE STRUCTURAL ENGINEER.
- UNDERGROUND VENT TAKEOFFS SHALL BE AT 45 DEGREES.
- INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT TIME OF INSPECTION.
- HORIZONTAL DRAINAGE PIPING SHALL RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF NOT LESS THAN ONE FOURTH (1/4) OF AN INCH PER FOOT OR TWO PERCENT TOWARD THE POINT OF DISPOSAL.
- ALL WORK TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCING WORK.
- HOT WATER DELIVERED TO PUBLIC USE LAVATORIES SHALL BE LIMITED TO 120 DEGREES. THE WATER HEATER SHALL NOT BE CONSIDERED A CONTROL FOR MEETING THIS PROVISION.



PLUMBING PLAN

1/4"=1'-0"

RESTROOM FIXTURES

DESCRIPTION

WC-1: WATER CLOSET (ADA)

FIXTURE: KOHLER K-4304-O TOILET BOWL
KOHLER K4484-O TANK. NOT TO EXCEED
1.26 GALLONS PER FLUSH,
HANDICAPPED HIGHT- (WHITE) W/PRESSURE LITE POWER
FLUSH TECHNOLOGY

SEAT: KOHLER LUSTRA ELONGATED K-4650 (WHITE)
LUSTRA TOILET SEAT, SOLID POLYPROPYLENE PLASTIC

L-1 LAV (ADA)

FIXTURE: *KOHLER K-2053-N SOHO WALL MOUNTED OR
CONCEALED CARRIER ARM MOUNTED COMMERCIAL SINK (WHITE)
WITH 8" WIDE SPREAD FAUCET. ADJUSTABLE P-TRAP CHROME

FAUCET: MOEN 8820 SINK FAUCET W/
TRADITIONAL LEVER HANDLES. TWO HANDLE WIDESPREAD
LAVATORIES WITH 8"-16" CENTERS
BRUSHED CHROME FINISH. MAXIMUM FLOW RATE NOT TO
EXCEED 0.5 GALLONS.

TOILET TISSUE DISPENSER

BOBRICK - SURFACE MOUNTED TWIN JUMBO ROLL TOILET
TISSUE DISPENSER, MODEL # B2892


GRAB BARS

BOBRICK- 1/2" DIAMETER STAINLESS STEEL GRAB BARS
WITH SNAP FLANGE- STAINLESS STEEL, MODEL # 5808 SERIES

PAPER TOWEL DISPENSER

BOBRICK-CLASSIC SERIES SURFACE MOUNTED PAPER
TOWEL DISPENSER, MODEL # 2620

HOT WATER HEATER

UNIT	DESCRIPTION
	INSTANTANEOUS WATER HEATER EXISTING WATER HEATER TO REMAIN

NOTES:

- ALL WORK TO COMPLY WITH 2018 INTERNATIONAL PLUMBING CODE.
- LEAD FREE COMPLIANCE REQUIRED.
- ALL FIXTURES IN HANDICAP RESTROOMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF UTAH HANDICAP CODE AND LOCAL HANDICAP CODES HAVING JURISDICTION.
- ALL FIXTURES, EQUIPMENT, PIPING AND MATERIALS SHALL BE LISTED.
- ALL PIPING SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED THOSE IN IPC.
- INSTALL APPROVED TEMPERATURE MIXING VALVES AT PLUMBING FIXTURES THAT 110 DEGREE F WATER PER IPC.
- ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE MODEL ENERGY CODE REQUIREMENTS AND LABELED.
- EACH PLUMBING FIXTURE SHALL BE INDEPENDENTLY VALVE PER CODE.
- NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD IN IPC.
- NO EXPOSED ABS (PLASTIC PIPING WITH A FLAME-SPREAD RATING OF 75 OR MORE).
- ALL REQUIRED CLEANOUTS SHOULD BE INSTALLED AS PER IPC.
- ALL SANITARY AND GREASE WASTE PIPING TO BE MINIMUM 2% SLOPE.
- PLUMBING VENT THROUGH ROOF SHALL TERMINATE VERTICALLY NOT LESS THAN ONE (1) FOOT FROM ANY VERTICAL SURFACE NOT LESS THAN TEN (10) FEET HORIZONTALLY OR AT LEAST THREE (3) FEET ABOVE ANY WINDOW, DOOR, OPENING, AIR INTAKE OR SHAFT.
- SANITARY WASTE VENTS SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES IN HEIGHT ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT.
- VENT TERMINALS THAT TERMINATE THROUGH AN OUTSIDE WALL OF A BUILDING SHALL BE LOCATED NOT LESS THAN 10 FEET HORIZONTALLY FROM AN OPERABLE OPENING IN THE ADJACENT BUILDING. THIS SHALL NOT APPLY TO OPERABLE OPENINGS THAT ARE NOT LESS THAN 2 FEET BELOW OF 25 FEET ABOVE THE ELEVATION OF VENT TERMINAL.

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3578 30th Street
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V. 619.236.0595
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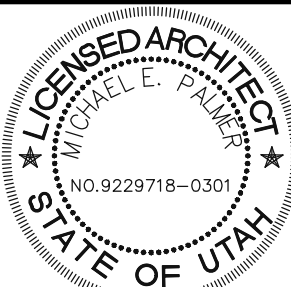
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SHEET DESCRIPTION

PLUMBING PLAN
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TB

SHEET

DATE 8-22-2019

SINK TB

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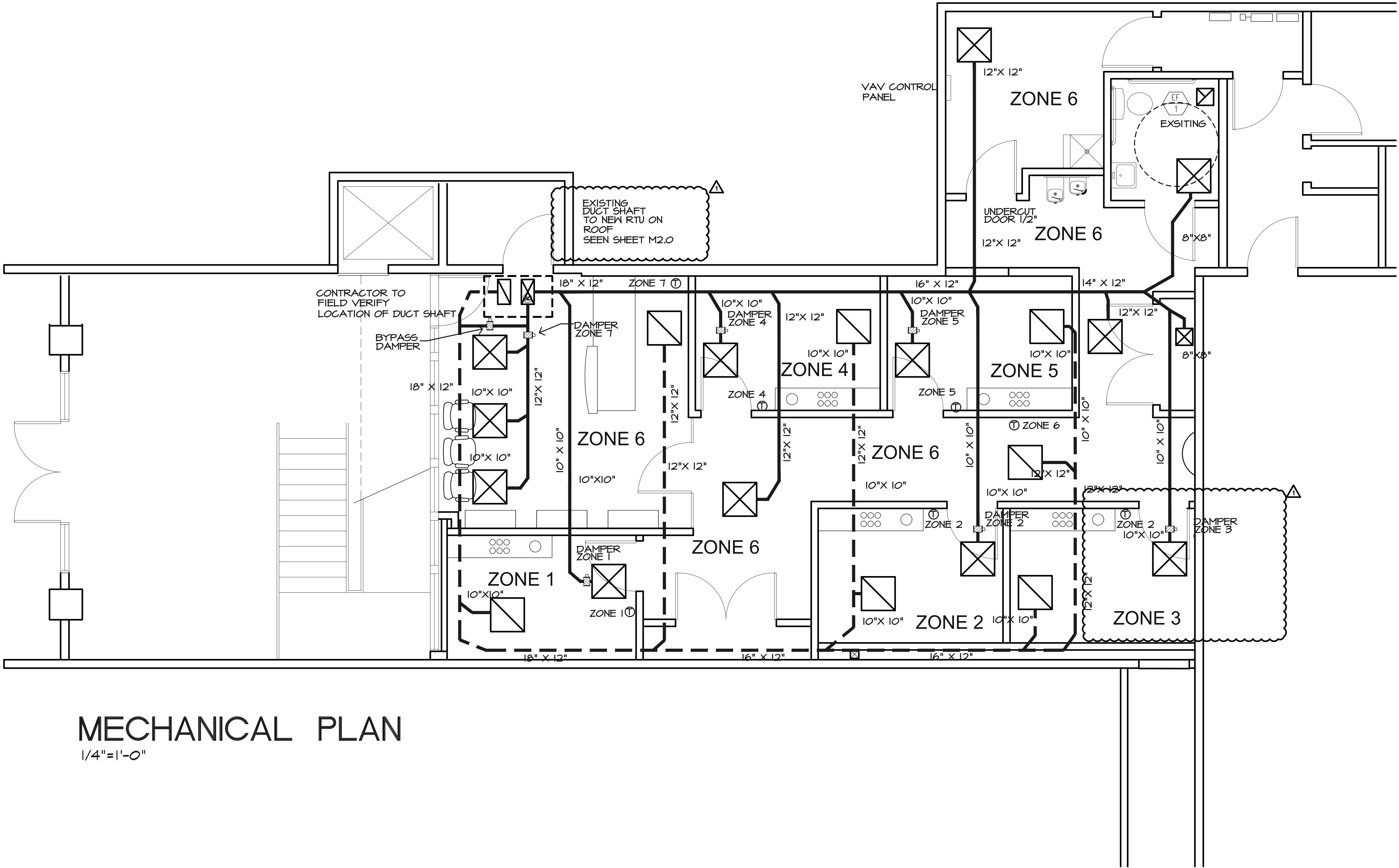
GENERAL MECHANICAL NOTES

- ALL WORK TO BE PERFORMED UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
- ORDINANCES AND REGULATIONS: ALL WORK SHALL CONFORM TO APPLICABLE REQUIREMENTS OF LEGAL AUTHORITIES HAVING JURISDICTION. ORDINANCES SHALL GOVERN OVER DRAWINGS UNLESS THE DRAWINGS REQUIRE HIGHER STANDARDS OR LARGER SIZES.
- CODES AND STANDARDS: WORK SHALL BE PERFORMED IN COMPLIANCE WITH LATEST EDITION OF THE FOLLOWING REFERENCED CODES AND STANDARDS AS AMENDED TO THE DATE OF THIS DRAWING.
 - 2018 INTERNATIONAL MECHANICAL CODE.
 - 2016 NATIONAL ELECTRICAL CODE.
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
 - AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
 - UNDERWRITER'S LABORATORY (UL).
- THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS DETAILED IN THESE NOTES.
- COORDINATE THE LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM ELEVATIONS. IF A QUESTION ARISES AS TO THE LOCATION OF ANY AIR DISTRIBUTION DEVICE, COORDINATE LOCATION WITH THE THE ARCHITECT.
- PRIOR TO COMMENCING ANY WORK, EXAMINE THE SITE IN DETAIL, THOROUGHLY REVIEW ALL PLANS, SPECIFICATIONS AND ANY OTHER DATA SUPPLIED BY THE OWNER. VERIFY ALL CONDITIONS AND DIMENSIONS. ANY DISCREPANCY OR INCONSISTENCY SHALL BE REPORTED TO THE ARCHITECT
- RESOLVE CONFLICTS ON THE DRAWINGS AND/OR THE SPECIFICATIONS WITH THE ARCHITECT PRIOR TO SUBMITTING BID OR COMMENCING WORK.
- COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION OF WORK.
- COORDINATE THE LOCATION OF ALL ROOF OPENINGS, AND EQUIPMENT LOCATIONS WITH THE ARCHITECTURAL AND STRUCTURAL PLANS, PRIOR TO ANY INSTALLATION.

GENERAL MECHANICAL REQUIREMENTS

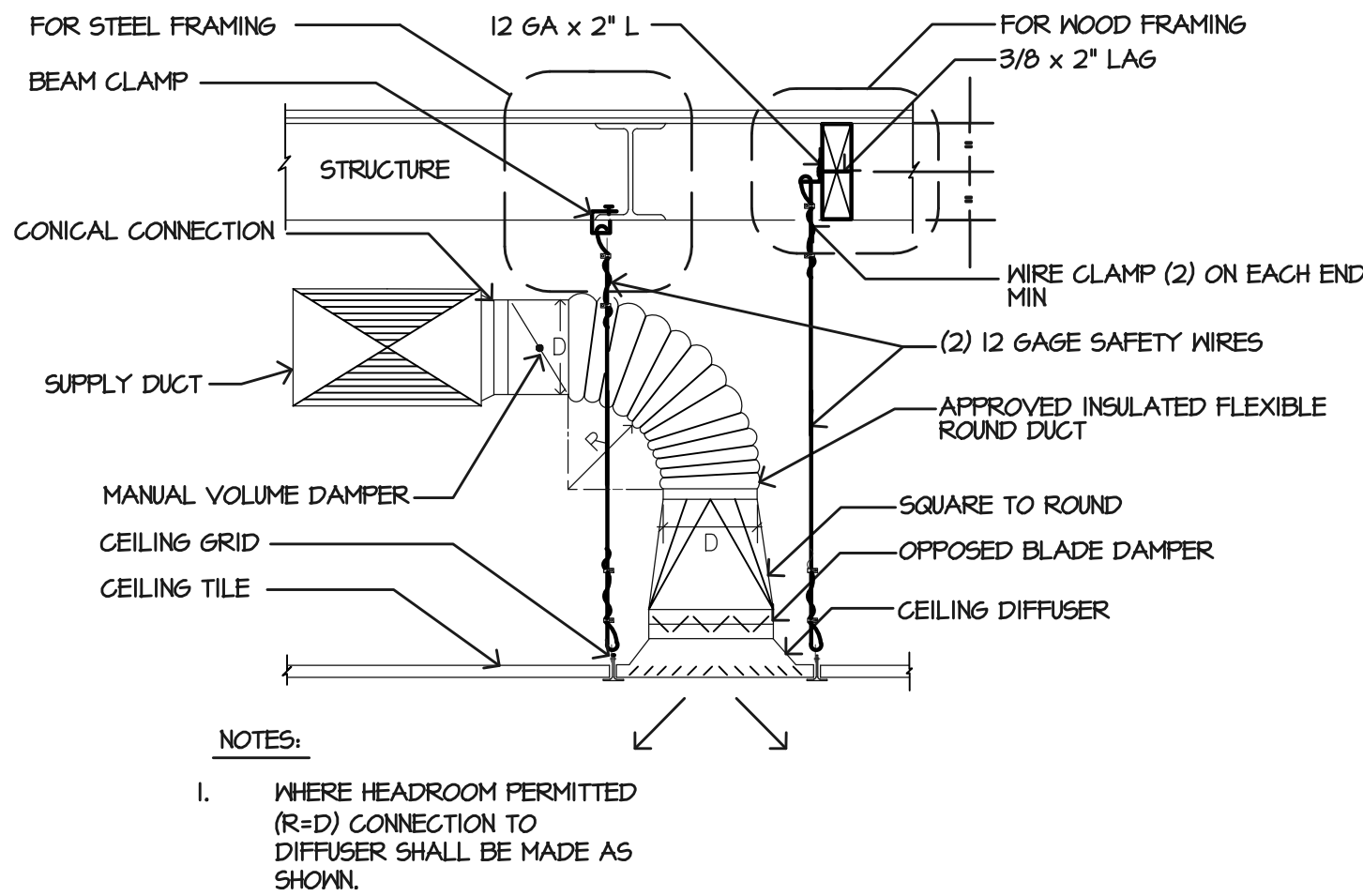
- TON REQUIREMENTS: 1 TON PER 225-250 S.F.
1,260 /250 =5 TONS
- GRILL TYPE: DROP CEILING AREAS
3 CONE INDUSTRIAL GRADE DIFFUSER A/C 24" X 24"
FINISH: WHITE
- GYP BD CEILINGS:
SUPPLY AIR AND RETRUN AIR DIFFUSERS IN LOBBY, HALLWAY SHALL BE 16" X 16"
TYPICAL COMERICAL GRILLS PAINTED TO MATCH CEILING COLOR OR EACH AREA.
- VAV SYSTEM: HONEYWELL HZ432- ELECTRONIC DAMPER CONTROL SYSTEM
DIGITAL THERMOSTATS IN EACH ZONE: TH8312R1001
TOUCH SCREEN CONTROL PANEL

PROVIDE ZONE DAMPERS FOR EACH ZONE
PROVIDE TRUE ZONE PANEL KIT HZ2432 INCLUDE ONE HZ432 PANEL, ONE TRANSFORMER AND ONE CT135A DISCHARGE AIR TEMPERATUE SENSOR.
PROVIDE TAZ-4 (ADD -A-ZONE) EXPANSION PANEL WITH TRANSFORMER
INSURE SYSTEM IS INSTALLED PER MANFACUTER REQUIREMENTS FOR PROPER PERFORMANCE.
PROVIDE PROGRAMMABLE THERMOSTAT FOR ALL ZONES
LOCATE THE THERMOSTAT NEXT TO LIGHT SWITCH, COORDINATE WITH ARCHITECT
EXTACTLOCATION.
THERMOSTATS LOCATED 54" A.F.F TO OPERATION PANEL
- EACH WAX ROOM TO HAVE SUPPLY AND RETURN.
HVAC REGISTERS:
SUPPLY AIR : TITUS TMS
RETURN AIR : TITUS 24"x24" PAR
- 8" MIN DUCTS
- FORCE CLOSE DAMPERS REQUIRED.



MECHANICAL PLAN

1/4"=1'-0"



1 DIFFUSER CONNECTION DETAIL

N.T.S.

HVAC LEGEND

- Return Air Register
- Supply Air Register
- ① THERMOSTATS TO BE TH8312R1001

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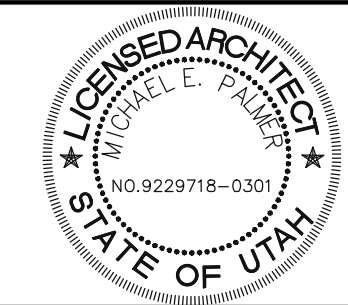
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itled Map
a description for your map.

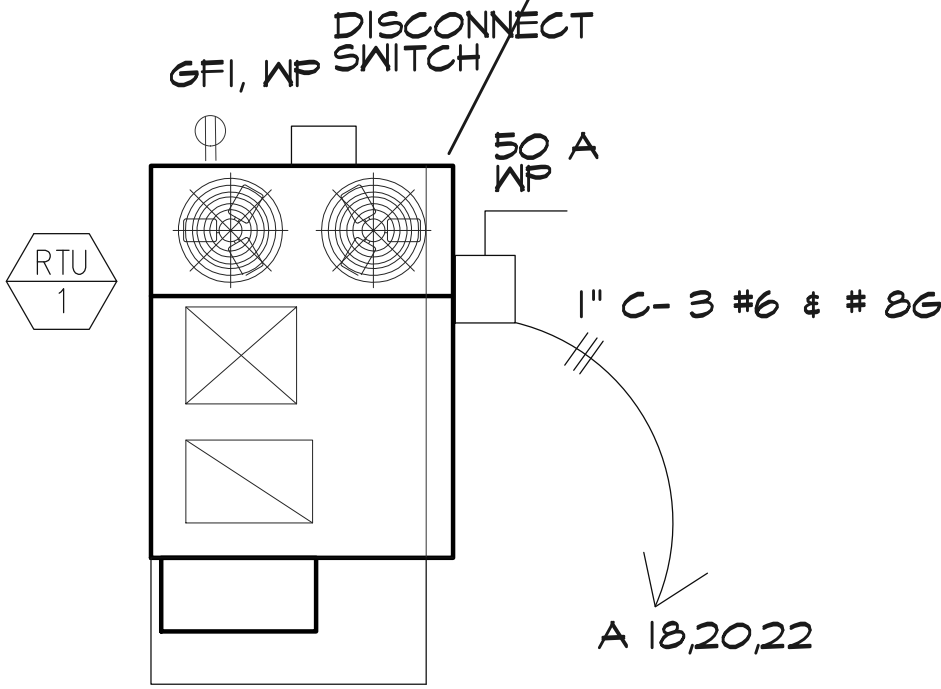


MECHANICAL ROOF PLAN
N.T.S.

REMOVE (E) 5 TON HVAC UNIT
REPLACE WITH NEW 5 TON HVAC UNIT
EXISTING 5 TON UNIT: CARRIER 48HDT006590
OPERATING WEIGHT: 685 lbs WITH ECONOMIZER
130 lbs WITH ROOF CURB
815 lbs TOTAL WEIGHT

NEW 5 TON UNIT: CARRIER 48HCDA06COA5A0B0AO
OPERATING WEIGHT: 650 lbs WITH ECONOMIZER
150 lbs WITH CURB ADAPTOR
800 lbs TOTAL WEIGHT

NEW HVAC UNIT TO BE
MOUNTED ON THE EXISTING
PRE-FAB CURB.
PROVIDE, SELF FLASHING
CURB ADAPTOR
OVER EXISTING CURB.



NO ROOFTOP PENETRATIONS REQUIRED
CONTRACTOR TO USE EXISTING ROOF TOP STUB OUTS

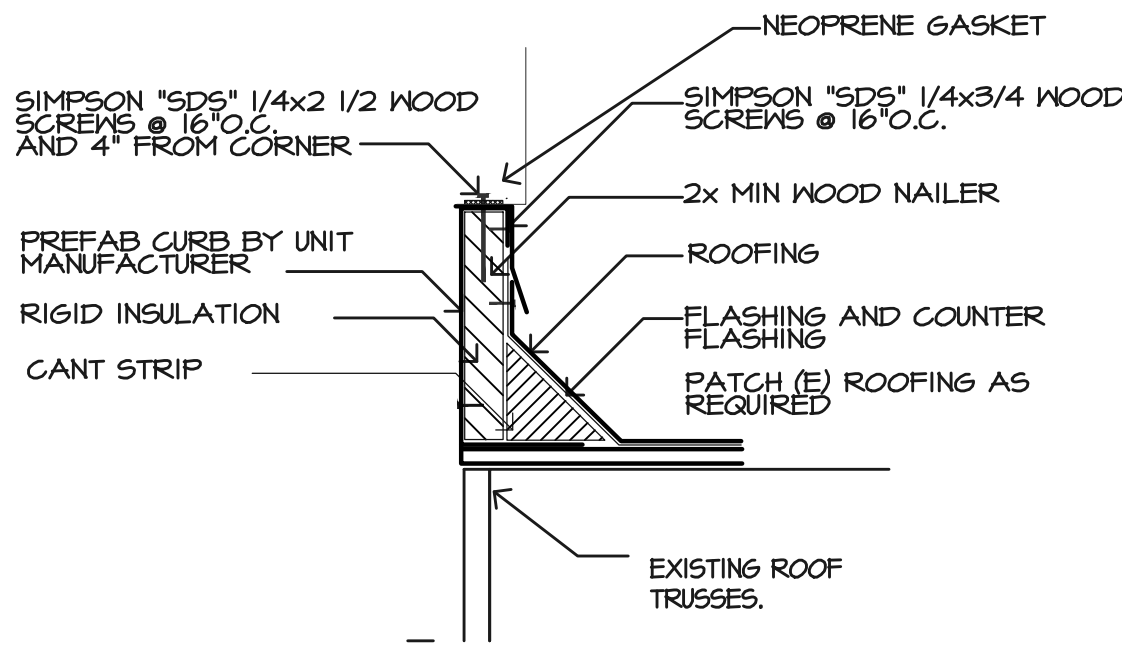
CONTRACTOR TO REMOVE AND DISPOSE EXISTING
5 TON HVAC ROOF TOP UNIT



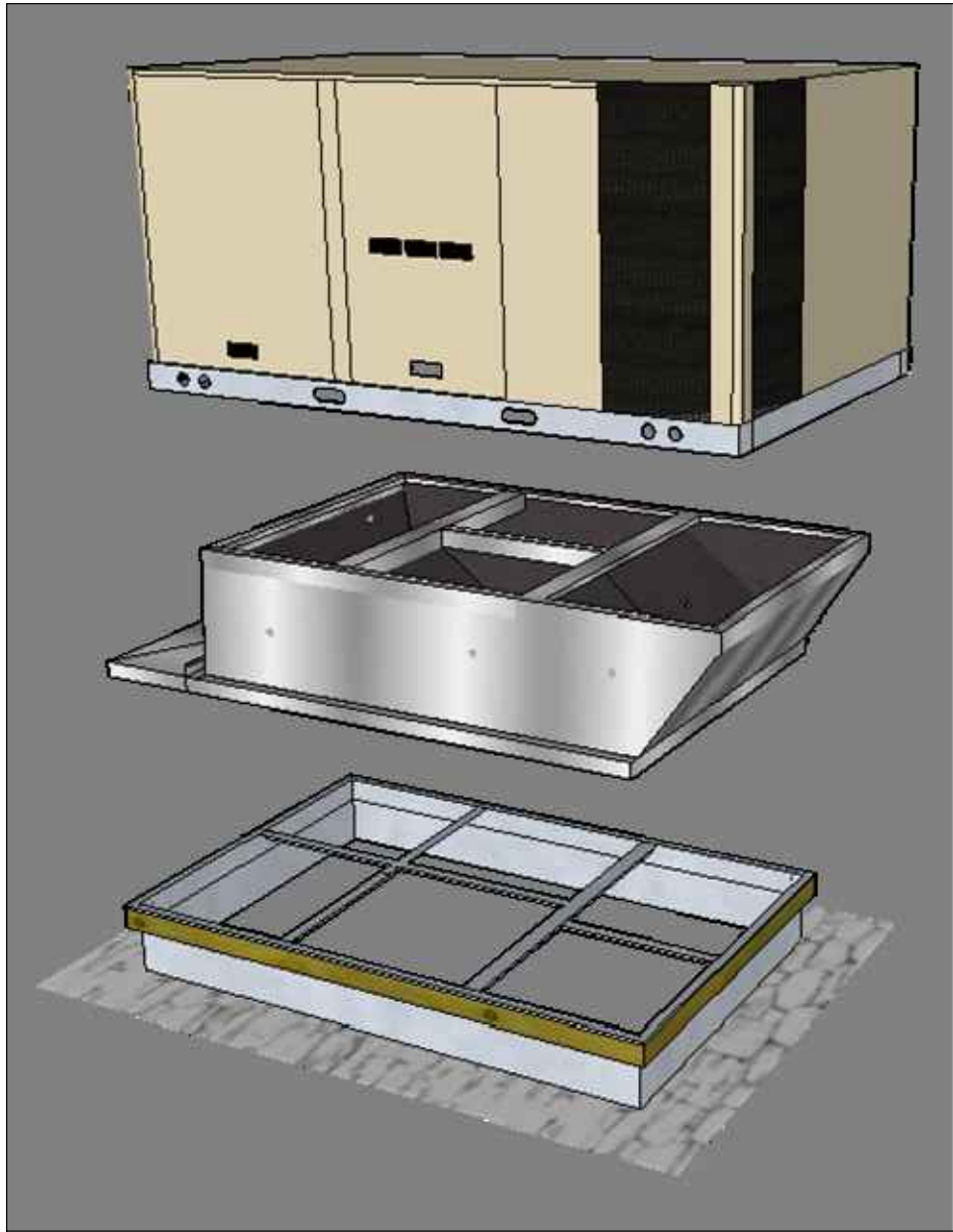
EXISTING HVAC
N.T.S.



EXISTING HVAC
N.T.S.



1 HVAC CURB DETAIL
N.T.S.



2 HVAC CURB ADPATOR
N.T.S.

ROOF TOP AIR CONDITIONING PACKAGE UNIT SCHEDULE

SYMBOL	MANUFACTURER		COOLING		HEATING		TYPE	CFM	POWER	UNIT MINIMUM CIRCUIT AMPACITY	UNIT OPERATING WEIGHT LBS	MIN. OSA CFM	REMARKS
	MAKE	MODEL	TOTAL (MBH)	SEER	INPUT MBH	HSFP							
RTU 1	CARRIER	48HCDA065A0B0AO	12	14.0	75	8.0	GAS	2,000	208-3-60	215	* 600	450	UNIT INCLUDES ECONMIZER

* OPERATING WEIGHT OF THE NEW UNIT IS 354 LBS, THIS IS LESS THAN THE OPERATING WEIGHT OF THE EXISTING HVAC UNIT BEING REMOVED.
EXISTING HVAC UNIT TO BE REMOVED: CARRIER 48HDT006450 OPERATING WEIGHT: 685 LBS

AIR BALANCE NOTE

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS SHALL BE
BALANCED IN ACCORDANCE FOLLOWING METHOD IN ACCORDANCE
WITH CMC 317.I REQUIREMENTS.

a. ASHRAE III

OUTDOOR AIR SUPPLY NOTE:

1. BACKDRAFT DAMPERS SHALL BE PROVIDED IN OUTDOOR AIR SUPPLY
AND EXHAUST SYSTEMS.

DUCT SEALING AND LEAKAGE

DUCT SEALING AND LEAKAGE HERS TESTING WILL BE REQUIRED FOR
THIS PROJECT. DUCT SYSTEM SHALL BE SEALED AS CONFIRMED
THROUGH FIELD VEFICATION AND DIAGNOSTIC TESTING (HERS TESTING)

DUCT NOTES:

ALL CONCEALED DUCT WORK SHALL BE FLEX DUCT, OWENS CORNING FIBERGLASS
DUCT MATERIAL WITH GLASS FIBER REINFORCED EMBOSSED ALUMINUM
SURFACE.

DUCT WORK SHALL BE RUN IN ATTIC/ CEILING SPACE. MIN R-8 INSULATION

ALL DUCT MATERIALS AND GAUGES SHALL BE PER ANSA SMACNA 006-2006
HVAC DUCT CONSTRUCTION STANDARDS. (CMC 602.I)

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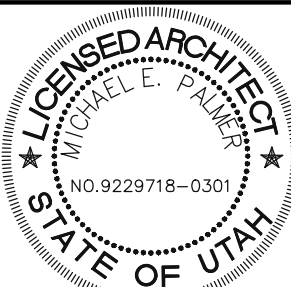
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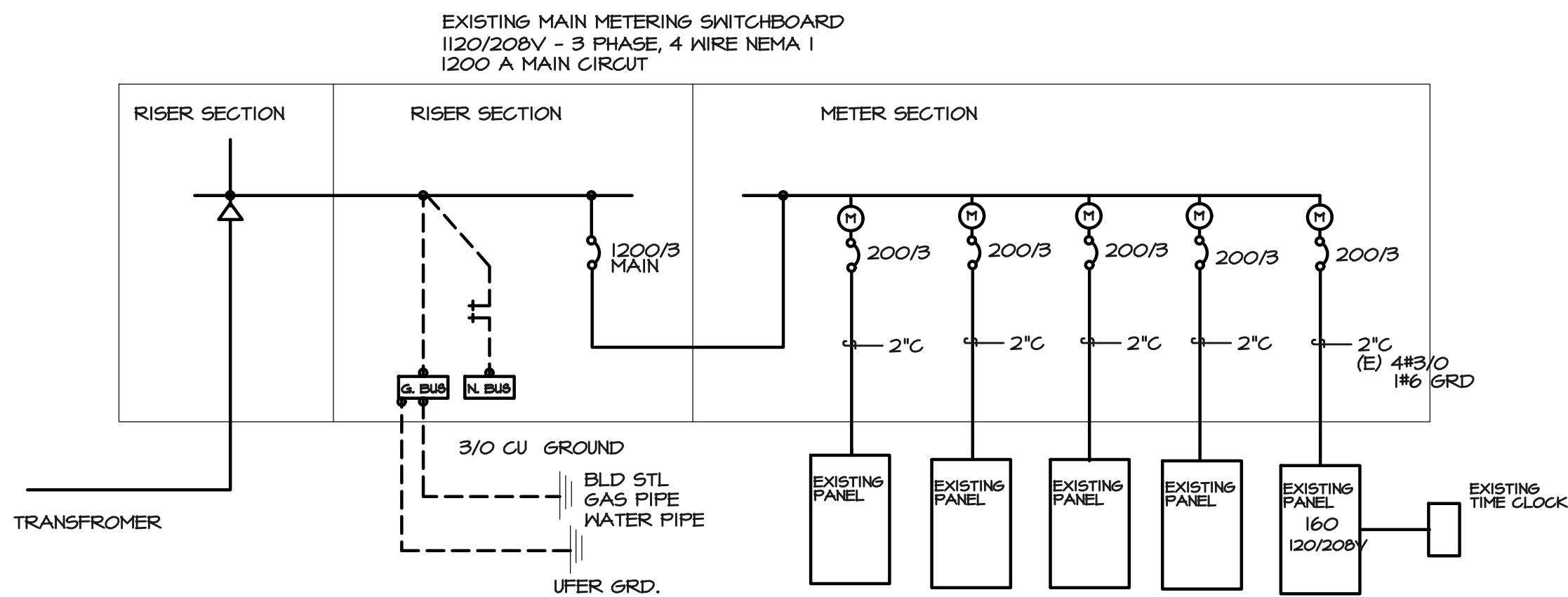


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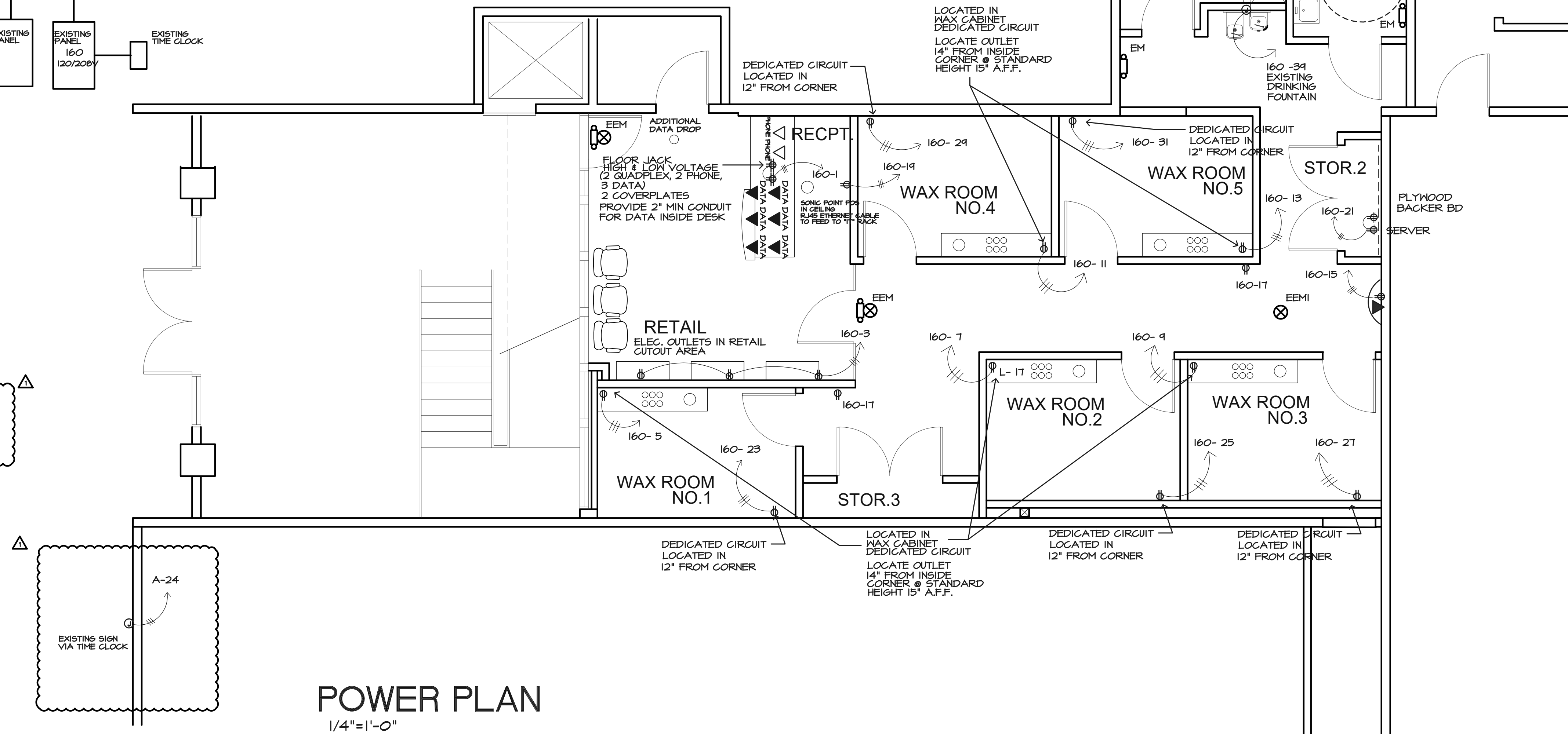
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ONE LINE DIAGRAM

NTS

PANEL SCHEDULE											
120/208V, 3 Ph, 4W.						WALL MOUNTED					
EXISTING PANEL 160						42,000 ISC					
DESCRIPTION	KVA	BKR	CKT	Ph. A	Ph. B	Ph. C	CKT	BKR	KVA	DESCRIPTION	
RECEPTION	0.4	20/1	1	0.8			2	20/1	0.4	LIGHTING	
RETAIL	0.6	20/1	3		1.1		4	20/1	0.5	LIGHTING	
WAX ROOM 1	0.4	20/1	5			1.5	6	20/1	1.1	LIGHTING	
WAX ROOM 2	0.4	20/1	7	1.8			8	20/1	1.4	LIGHTING	
WAX ROOM 3	0.4	20/1	9		0.6		10	20/1	0.2	(E) TIME CLOCK	
WAX ROOM 4	0.4	20/1	11			0.9	12	20/1	0.5	VAV PANEL	
WAX ROOM 5	0.4	20/1	13	0.4			14	20/1		SPARE	
COMPUTER STATION	0.4	20/1	15		0.4		16	20/1		SPARE	
HALLWAY	0.4	20/1	17			2.8	18	50/3	2.4	NEW RTU	
EWC LOGO SIGN	0.8	20/1	19	3.2			20		2.4		
SERVER	0.6	20/1	21		3.0		22		2.4		
CORNER CAB WAX 1	0.4	20/1	23		1.2		24	20/1	0.8	EXISTING SIGN	
CORNER CAB WAX 2	0.4	20/1	25	1.4			26	20/1		SPARE	
CORNER CAB WAX 3	0.4	20/1	27		0.8		28	20/1		SPARE	
CORNER CAB WAX 4	0.4	20/1	29			0.2	30	20/1		SPARE	
CORNER CAB WAX 5	0.4	20/1	31				32	20/1		SPARE	
SPARE		20/1	33				34	20/1		SPARE	
EMERGENCY LIGHTING	0.4	20/1	35			0.4	36	20/1		SPARE	
(E) WATER HEATER	1.2	30/1	37	1.2			38	20/1		SPARE	
(E) DRINK FOUNTAIN	0.4	20/1	39		0.4		40	20/1		SPARE	
EMERGENCY LIGHTING	0.3	20/1	41			0.3	42	20/1		SPARE	
SUBTOTAL:				8.8	6.3	7.3					
CONNECTED LOAD	21.6 KVA									MAIN LUGS ONLY	
25% LIGHTING LOAD	0.4 KVA										
25% LARGEST MOTOR	0.2 KVA										
TOTAL LOAD	22.1 KVA / 0.360 FACTOR =						61 AMPS				



POWER PLAN

1/4"=1'-0"

ELECTRICAL NOTES:

- ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR THAT WILL INSTALL SYSTEMS, EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH MINIMUM REQUIREMENTS SHOWN IN THESE PLANS. THE CONTRACT DOCUMENTS ESTABLISH SCOPE, MATERIALS AND QUALITY BUT ARE NOT DETAILED INSTALLATION INSTRUCTIONS. DRAWINGS ARE DIAGRAMMATIC, COORDINATE WORK WITH RELATED TRADES AND FURNISH, IN WRITING, ANY INFORMATION NECESSARY TO PERMIT THE WORK OF RELATED TRADES TO BE INSTALLED SATISFACTORILY AND WITH THE LEAST POSSIBLE CONFLICT OR DELAY. THE ELECTRICAL DRAWINGS SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT AND APERTURE, ANY DEVIATION FROM THE DESIGN PLANS SHALL ONLY BE PERFORMED IF APPROVED BY THE OWNER'S REPRESENTATIVE OR THE DESIGN ENGINEER. ALL WORK SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST LOCAL ELECTRICAL CODE.
- ELECTRICAL CONTRACTOR SHALL OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED TO COMPLETE ELECTRICAL WORK.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING UTILITY SERVICES WITH LOCAL POWER AND TELEPHONE COMPANIES.
- ELECTRICAL DEVICES AND CONNECTIONS ARE SHOWN APPROXIMATE IN LOCATION. CONTRACTOR SHALL COORDINATE WITH ALL DRAWINGS, VENDORS, AND MANUFACTURERS FOR EXACT REQUIREMENTS OF ELECTRICAL CONNECTIONS TO ALL EQUIPMENT.
- ALL NEW CONDUCTORS SHALL BE COPPER.
- CONDUCTORS/LUGS/TERMINATIONS SHALL BE RATED FOR 75 D.C.
- CONDUITS SHALL BE EMT, RIGID OR FLEXIBLE STEEL TYPE.
- THE DRAWINGS GENERALLY DO NOT INDICATE THE NUMBER OF WIRES IN CONDUIT FOR THE BRANCH CIRCUIT WIRING OF FIXTURES AND OUTLETS, OR THE ACTUAL CIRCUITING. PROVIDE THE CORRECT WIRE SIZE AND QUANTITY AS REQUIRED BY THE INDICATED CIRCUITING AND/OR CIRCUIT NUMBERS INDICATED. THE CONTROL INTENT, REFERENCED WIRING DIAGRAM (IF ANY), THE SPECIFIED VOLTAGE DROP OR MAXIMUM DISTANCE LIMITATIONS, AND THE APPLICABLE REQUIREMENTS OF THE LOCAL CODE.
- CONDUIT SHALL BE CONCEALED IN CEILINGS, WALLS, AND UNDERGROUND EXCEPT WHERE SPECIFICALLY NOTED ON DRAWINGS. MINIMUM FEEDER SIZE SHALL BE (2) #12 THIN WITH (1) #12 COPPER GROUND IN 1/2" CONDUIT UNLESS OTHERWISE NOTED. THINWIRE COPPER SHALL BE USED IN ALL EXTERIOR CONDUIT, WHERE THE LENGTH OF ANY 120V BRANCH CIRCUIT EXCEEDS 75', THE HOME RUN CONDUCTOR SHALL NOT BE SMALLER THAN #10 TO THE FIRST DEVICE. PROVIDE NYLON PULL WIRE IN ALL EMPTY CONDUITS.

- PANEL SHALL BE SQUARE D OR EQUAL. TRANSFORMER SHALL BE SQUARE D OR EQUAL.
- PROVIDE PULL BOXES TO FACILITATE PULLING OF WIRE. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE FOR ALL RACEWAY RUNS. AS A MINIMUM PROVIDE PULL BOXES EVERY 100 FEET, PROVIDE PULL BOXES SO THAT AN INDIVIDUAL RUN OF CONDUIT DOES NOT CONTAIN MORE THAN THE EQUIVALENT OF 4 NINETY DEGREE BENDS (360 DEGREES TOTAL). COORDINATE LOCATIONS WITH OTHER TRADES.
- COORDINATE ALL ELECTRICAL PENETRATIONS THROUGH ROOF, WALLS, AND FLOORS WITH GENERAL CONTRACTOR, PATCH, SEAL, AND/OR PAINT AS REQUIRED TO COMPLY WITH CALIFORNIA FIRE CODE OR ARCHITECTURAL FINISHES.
- ALL ELECTRICAL EQUIPMENT AND CONNECTIONS SHALL BE SECURELY FASTENED TO STRUCTURAL COMPONENTS. ALL ELECTRICAL EQUIPMENT SHALL BE SUITABLE FOR THE ENVIRONMENT OR CONDITION.
- THE CONTRACTOR SHALL CHECK THE TIGHTNESS OF ALL PANEL BOARD AND SWITCHBOARD BUSSES AND CIRCUIT BREAKER LUGS. COMPLETELY VACUUM AND CLEAN THE INTERIOR OF EQUIPMENT PRIOR TO PLACING SERVICE IN OPERATION. IDENTIFY ALL BRANCH CIRCUITS ON A TYPED LEGEND APPLIED TO THE INSIDE COVER OF EACH PANEL BOARD. TAG ALL CABLES INSIDE PANELBOARD.
- PROVIDE GROUNDING TO ALL ELECTRICAL EQUIPMENT IN COMPLIANCE WITH LOCAL ELECTRICAL CODE
- FURNISH AND INSTALL CODE SIZED GROUND WIRE IN ALL REQUIRED CONDUIT RUNS.
- UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40, CONDUITS TYPE EMT SHALL BE USED WITHIN BUILDING. ALL WIRING IN CONDUIT.
- PROVIDE TELEPHONE AND DATA OUTLET BOXES FOR TELEPHONE AND DATA. PROVIDE 3/4" CONDUITS UP TO THE TELEPHONE BOARD. TELEPHONE AND DATA WIRING BY OTHERS.
- ALL EQUIPMENT SHALL BE LISTED AND LABELED BY AN APPROVED TESTING AGENCY.
- A NEUTRAL FAULT TEST IS REQUIRED BEFORE ENERGIZING NEW CIRCUITS.
- SIGNS ARE TO BE UNDER A SEPARATE PERMIT AND PLAN.

NOTES:

- ALL WORK TO COMPLY WITH 2016 NATIONAL ELECTRICAL CODE
- PROVIDE SWITCH AND RECEPTACLE HEIGHTS PER STATE OF UTAH ACCESSIBLE REQUIREMENTS.
- THE ISSUANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATION OF THE CODES ADOPTED BY THE CITY OF SALT LAKE CITY RELEVANT LAWS, ORDINANCES, RULES AND/OR REGULATIONS.
- FOR FIRE RATED WALL/CEILING PENETRATION AND/OR MEMBRANE PENETRATION, COMPLETE NRTL CLASSIFICATION SHEETS SHALL BE PROVIDED TO THE INSPECTOR AT THE TIME OF INSPECTION.
- THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGIN.
- EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.
- PROVIDE SEPARATE SUBMITTAL, OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND APPROVALS FOR ALL FIRE ALARM SYSTEM INSTALLATIONS AND/OR MODIFICATIONS FROM THE CITY OF SALT LAKE CITY FIRE DEPARTMENTS.
- PROVIDE SEPARATE SUBMITTAL FOR THE ELECTRICAL SUBSYSTEMS WITH POWER SUPPLY(S) OF MORE THAN 50VA AND/OR 24V (E.G. SECURITY, CARD READERS, TELCO/DATA PA, AUDIO/VISUAL NURSE CALL, HVAC AND REFRIGERATION CONTROL, ETC.)
- ALL INSTALLED MATERIALS AND EQUIPMENT SHALL BE LISTED, U.L. NRTL OR LISTED AND APPROVED BY A CITY OF SALT LAKE CITY AND APPROVED TESTING LABORATORY.
- PROVIDE ARC FLASH LABELING AS REQUIRED.
- ALL NEW OVERCURRENT DEVICES INSTALLED IN EXISTING PANELS / SWITCHBOARDS SHALL MATCH THE MAKE MODEL AND INTERRUPTING CAPACITY OF THE EXISTING OVERCURRENT DEVICES.

ELECTRICAL EQUIPMENT

UNIT	DESCRIPTION
INH I	EXISTING INSTANTANEOUS WATER HEATER 208V/0/60Hz
EEM	EXIT # EMERGENCY LIGHT, EL-X-TU LED EDGE-LIT* RED LETTERS* 90 MINUTES BATTERY 120V, UL 94V-0
EEMI	EXIT # EMERGENCY LIGHT, SIMPLICITY ECONOMIZER DIRECTIONAL - CEILING MOUNTED 90 MINUTES BATTERY
EM	

LEGEND

- NEW DUPLEX RECEPTACLE, 15AMP 125V
3W NEMA 5-15R, MTD. @ 18"± U.N.O.
- NEW QUAD RECEPTACLE, 15AMP 125V
3W NEMA 5-15R, MTD. @ 18"± U.N.O.
- JUNCTION BOX
- NEW TELEPHONE OUTLET, W/ SINGLE
DEVICE RING & PLATE @ 18"± U.N.O.
- NEW DATA OUTLET, W/ SINGLE
DEVICE RING & PLATE @ 18"± U.N.O.

SPEAKERS:

- ALL SPEAKERS SHALL BE ROUND ATLAS SPEAKERS

JOINT VENTURE PROJECT



3578 30th Street
San Diego, CA 92104
V. 619.236.0595
F. 619.236.0557

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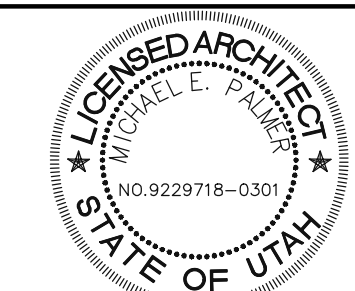
THOMAS
BOUFFARD
ARCHITECTS, INC
1822 MAIN STREET
HUNTINGTON BEACH, CA
92648
(707) 372-8156
tom.tbarchitects@gmail.com

PROJECT TITLE:

EUROPEAN WAX
CENTER
1440 S FOOTHILL DR
SUITE 140
SALT LAKE CITY, UT
84108

SHEET DESCRIPTION

ELECTRICAL POWER PLAN



REVISIONS:

OWNER REVIEW
08-30-2014- Plan Check Corrections

DWN TB
DATE 8-22-2014
CHK TB
SCALE AS NOTED
PROJ. 2014-50

E1.0

CONSTRUCTION NOTES:

- LUMINAIRE SWITCHING SHALL COMPLY WITH 2016 N.E.C.
- ALL NORMAL LIGHTING CIRCUITS SHALL BE ROUTED VIA RELAY/CONTACTORS IN LIGHTING CONTROL PANEL. VERIFY ALL FINAL LOCATIONS AND REQUIREMENTS IN FIELD PRIOR TO INSTALLATION.
- EMERGENCY FIXTURES WITH BATTERY BACKUP.
- UNLESS SHOWN ON PLAN OR NOTED OTHERWISE, ALL ELECTRICAL WORK IS NEW.
- ALL OCCUPANCY SENSORS (CEILING AND/OR WALL) SHALL BE SUITABLE FOR CONTROL OF THE LOAD TYPE (FLUORESCENT), LOAD CAPACITY, AND BRANCH CIRCUIT VOLTAGE OF THE LIGHTING FIXTURES CONTROLLED. DUAL TECHNOLOGY TYPE, WITH USER ADJUSTABLE TIME DELAY AND SENSITIVITY SETTINGS. PROVIDE DUAL LEVEL SWITCHING FOR ALL OCCUPANCY SENSORS, MANUFACTURER: LEVITON CAT. # OSCIO-MOM OR EQUAL. COORDINATE WITH SENSOR'S MANUFACTURER FOR EXACT NUMBER OF SENSORS.
- EXIT SIGN. SEE ARCH. DRAWINGS FOR EXACT NO. OF SIGNS. COORDINATE FACE, COLOR, DIRECTIONAL ARROWS AND ORIENTATION WITH ARCH. AND FIRE MARSHAL (TYP. ALL LOCATIONS). CONNECT TO NEAREST RECEPTACLE.
- EXHAUST FANS INTERLOCKED WITH ROOM LIGHTS.

GENERAL NOTES:

- COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.

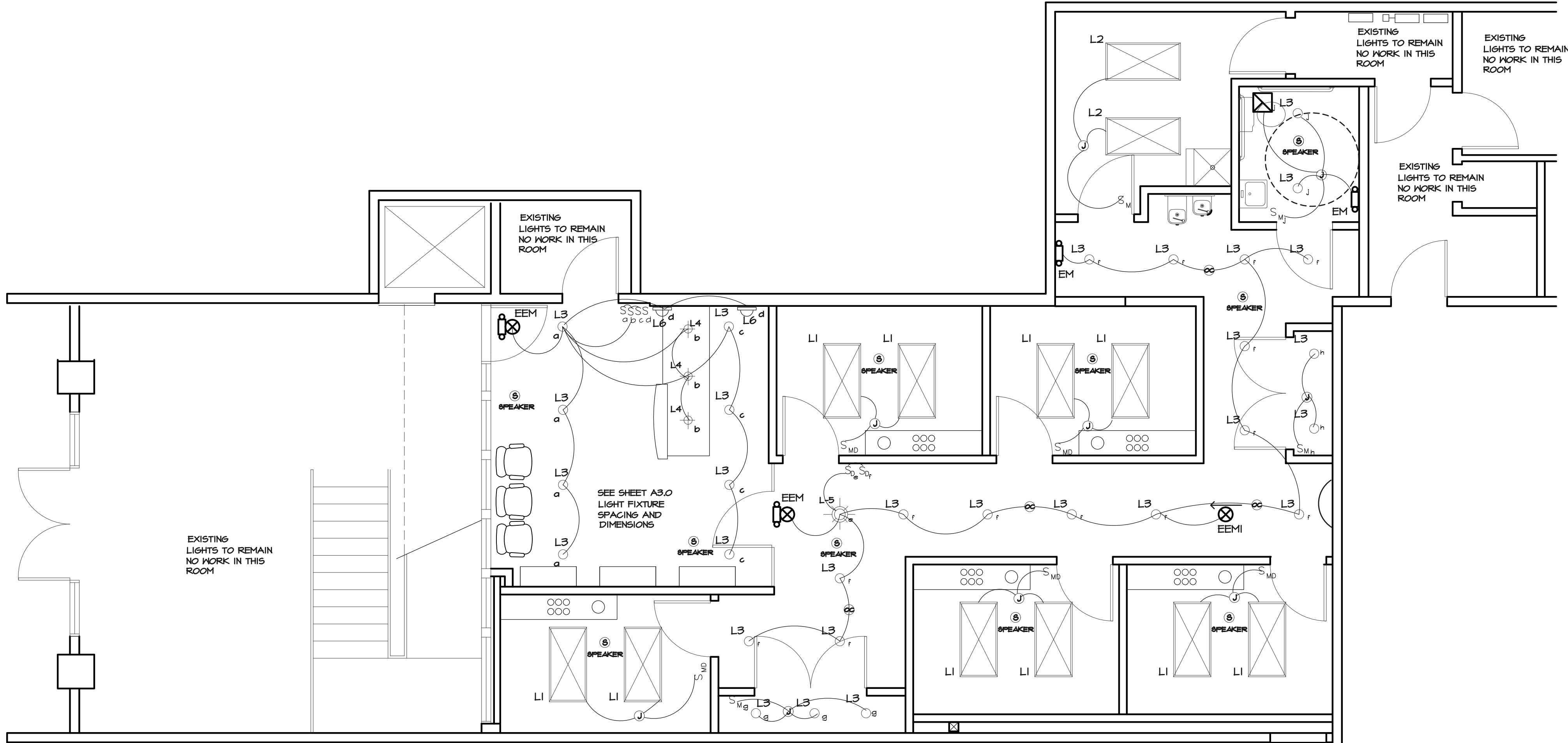
ELEC. NOTES:

- ALL NEWLY INSTALLED OR RELOCATED SWITCHES THAT ARE INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA WITH REGARD TO CONTROLLING LIGHTING AND RECEPTACLE OUTLETS/APPLIANCES, OR COOLING, HEATING AND VENTILATION EQUIPMENT SHALL BE NO GREATER THAN 48" ABOVE THE FLOOR OR WORKING PLATFORM TO TOP OF ELECTRICAL BOX, OR NO LESS THAN 15" ABOVE THE FLOOR OR WORKING PLATFORM TO THE BOTTOM OF THE ELECTRICAL BOX.

- ALL SWITCH AND OUTLET COVERS TO BE WHITE.

LIGHTING FIXTURE SCHEDULE						
TYPE	DESCRIPTION	SYMBOL	LAMP		TOTAL WATTS	REMARKS
			TYPE	WATTS		
L1 1	RECESSED 2X4 HIGH LUMEN LED, 1200 LUMENS 120V W/ CURVED LINEAR PRISMATIC DIFFUSER	L1	LED	34	34	LITHONIA 2BLT 2BLT-2X4BLT, 12L, 1200 LUMENS
L2 1	RECESSED 2X4 LOW LUMEN LED, 4000 LUMENS 120V W/ CURVED LINEAR PRISMATIC DIFFUSER	L2	LED	34	34	LITHONIA 2BLT 2BLT-2X4BLT, 40L, 4000 LUMENS
L3 1	RECESSED CAN LIGHT LED 6" NLCBC-65, COLOR TEMP 3500 K, WW-WHITE		LED	16.6	16.6	NLCBC-65 COBALT NL CBC GG REFLECTOR
L4 1	PENDENT LIGHTING SORRA SOLITUDE PENDENT		LED	8	8	8 WATT , 300 LUMENS 3000 LED MODULE
L5 1	LARGE PENDENT LIGHTING WESTPORT LIGHTING 5408		LED	25	25	25 WATT, 2150 LUMEN 3000K LED MODULE 0-10V DIMMING
L6 1	WALL SCONCE REGALDIMMABLE SATIN NICKLE EDGE LIGHTING 24" HIGH, 120V/40W, LAMP 1-24 W LED		LED	31	31	
EEM 1	EXIT + EMERGENCY LIGHT, ELX-TEU LED EDGE-LIT" RED LETTERS" 90 MINUTES BATTERY					
EEMI 1	EXIT + EMERGENCY LIGHT, SIMPLICITY ECONOMIZER DIRECTIONAL - CEILING MOUNTED 90 MINUTES BATTERY					
EM 1						

LIGHTING VENDOR: WIDENBACH-BROWN



LIGHTING PLAN

1/4"=1'-0"

ELEC. SWITCH NOTE:

- S_M MULTI-LEVEL OCCUPANCY SENSOR SWITCHES TO SENTRY TYPE WALL SWITCHES
- SWITCHED: OCCUPANCY SENSOR
 - SWITCHED: TIME CLOCK

S_{MD} DIMMER SWITCH AT ALL WAX ROOMS SHALL BE:
DIMMING OCCUPANCY WALL SWITCH
ACUITY CONTROLS MODEL # WEX-D
SWITCH VENDOR:
WIDENBACH-BROWN

- S_D DIMMER SWITCH AT HALLWAY SWITCHES TO SENTRY TYPE WALL SWITCHES
- SWITCHED: OCCUPANCY SENSOR
 - SWITCHED: TIME CLOCK

EXTERIOR SIGNS:

- INTERNALLY ILLUMINATED SIGNS MAY HAVE 12W/S.F. (ONLY ONE SIDE OF 2 SIDES SIGN)
- SIGN UNDER SEPARATE PERMIT

SPEAKER NOTE:

- ALL SPEAKERS AT ALTAS ROUND SPEAKERS
- PAINT SPEAKERS TO MATCH CEILING COLOR.
- ALL WAX ROOMS SHALL HAVE SPEAKERS

PRIOR TO FINAL INSPECTION:

ILLUMINATION LEVEL PER 1006.2 PERFORMANCE PER 1006.4 &
EMERGENCY POWER PER 1006.3

JOINT VENTURE PROJECT



3578 30th Street
San Diego, CA 92104
V. 619.236.0595
F. 619.236.0557

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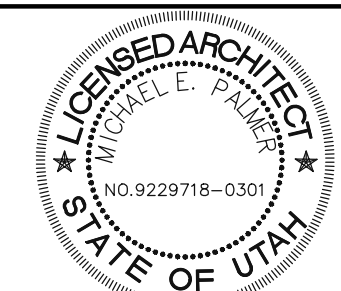
1822 MAIN STREET
HUNTINGTON BEACH, CA
92648
(707) 372-8156
tom.tbarchitects@gmail.com

PROJECT TITLE:

EUROPEAN WAX
CENTER
1440 S FOOTHILL DR
SUITE 140
SALT LAKE CITY, UT
84108

SHEET DESCRIPTION

LIGHTING
PLAN



REVISIONS:

OWNER REVIEW
08-30-2019- Plan Check Corrections

DWN TB

SHEET

DATE 8-22-2019

CHK TB

SCALE AS NOTED

PROJ. 2019-50

E2.0

COMcheck Software Version 4.1.1.0
Envelope Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: European Wax Center Foothill Village
Location: Salt Lake City, Utah
Climate Zone: 5B
Project Type: Alteration

Construction Site: 1440 S Foothill Drive, Suite 140, Salt Lake City, UT 84108
Owner/Agent: Michael Palmer, European Wax Center, 111 W 30th St, Suite A1, Vancouver, WA 98660
Designer/Contractor: Michael Palmer, MPA Architects, 3578 30th Street, San Diego, CA

Building Area: 1-Retail / Nonresidential
Floor Area: 1268

Envelope Assemblies

R-Value	Proposed		U-Factor	SHGC		U-Factor	SHGC
	Cavity	Cont.		—	—		
Exterior Wall 1: Wood-Frame, 2" o. c. (Bldg. Use 1 - Retail), Exemption: Framing cavity not exposed.	---	---	---	---	---	---	---
Window 1: Metal Frame with Thermal Break Fixed, Other, Fixed, (Bldg. Use 1 - Retail), Exemption: Surface-applied window film on single pane assembly.	---	---	0.000	0.000	0.380	0.383	---

Envelope PASSES

Envelope Compliance Statement
Compliance Statement: The proposed envelope alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name: Title Signature Date

Project Title: European Wax Center Foothill Village
Data Filename: C:\Users\stombi\OneDrive\Documents\COMcheck\EWC Salt Lake City.cck
Report date: 08/25/19
Page 1 of 11

COMcheck Software Version 4.1.1.0
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: European Wax Center Foothill Village
Location: Salt Lake City, Utah
Climate Zone: 5B
Project Type: Alteration

Construction Site: 1440 S Foothill Drive, Suite 140, Salt Lake City, UT 84108
Owner/Agent: Bruce Virgo, European Wax Center, 111 W 30th St, Suite A1, Vancouver, WA 98660
Designer/Contractor: Michael Palmer, MPA Architects, 3578 30th Street, San Diego, CA

Allowed Interior Lighting Power
Area Category: 1-Retail Sales Area
B Floor Area (R2): 1268
C Allowed Watts / R2: 1.22
D Allowed Watts (B X C): 1547
Total Allowed Watts = 1547

Proposed Interior Lighting Power

Fixture ID / Description / Lamp / Wattage Per Lamp / Ballast	B Lamps / Fixture	C # of Fixtures	D Fixture Watt. (C X D)	E
Retail Sales Area (1268 sq.ft.)				
LED 1: LED PAR 16W:	1	26	17	432
LED 2: LED MR16W:	1	3	8	24
LED 3: LED Other Fixture Unit 25W:	1	1	25	25
LED 4: LED Other Fixture Unit 30W:	2	12	34	408
LED 5: LED Other Fixture Unit 30W:	1	1	31	31
Total Proposed Watts =			920	

Interior Lighting TBD: Invalid building use type

Project Title: European Wax Center Foothill Village
Data Filename: C:\Users\stombi\OneDrive\Documents\COMcheck\EWC Salt Lake City.cck
Report date: 08/25/19
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COMcheck Software Version 4.1.1.0
Inspection Checklist

Energy Code: 2018 IECC

Requirements: 2.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies proposed compliance will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req-ID	Plan Review	Complies?	Comments/Assumptions
C103.1 [P117]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [P147]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [P1107]	1. The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [P1117]	4. The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.2 [P1147]	2. In enclosed spaces > 2,500 R2 directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, gymnasium, gymnasium center, conversion center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/wharfing area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: European Wax Center Foothill Village
Data Filename: C:\Users\stombi\OneDrive\Documents\COMcheck\EWC Salt Lake City.cck
Report date: 08/25/19
Page 3 of 11

Section # & Req-ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2.1 [P067]	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: European Wax Center Foothill Village
Data Filename: C:\Users\stombi\OneDrive\Documents\COMcheck\EWC Salt Lake City.cck
Report date: 08/25/19
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Section # & Req-ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [P1127]	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 [P1137]	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 [P1107]	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3.4 [P1107]	Vertical fenestration U-Factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [P1167]	The building envelope contains a continuous air barrier that is sealed in an approved manner and either approved manner and either approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C402.5.2 [P1187]	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: European Wax Center Foothill Village
Data Filename: C:\Users\stombi\OneDrive\Documents\COMcheck\EWC Salt Lake City.cck
Report date: 08/25/19
Page 5 of 11

Section # & Req-ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [P1127]	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 [P1137]	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 [P1107]	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3.4 [P1107]	Vertical fenestration U-Factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 [P1167]	The building envelope contains a continuous air barrier that is sealed in an approved manner and either approved manner and either approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C402.5.2 [P1187]	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

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Section # & Req-ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.5.3 [P1127]	Stair and elevator shaft vents have motorized dampers that automatically close. Reference section C403.7.7 for operational details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.7.7 [P1187]	Outdoor air and exhaust systems have motorized dampers that automatically shut when the system is not operating. Maximum leakage rates. Check gravity dampers where allowed. Reference section language for operational details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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Section # & Req-ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2 [EL227]	Spaces required to have light: reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1 [EL187]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sq ft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 [EL197]	Occupancy sensors control function in warehouses. In warehouses, the lighting in aislesways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1 [EL207]	Occupant sensor control function in open plan office areas. Occupant sensor controls in open office spaces >= 300 sq ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 40% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2 [EL217]	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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Section # & Req-ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3 [EL237]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3. Daylight-responsive controls for applicable spaces. C405.2.1.1 Daylight-responsive control function and section C405.2.3.2. Smart lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL267]	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL277]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.3 [EL67]	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.6 [EL207]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.7 [EL277]	Electric motors meet the minimum efficiency requirements of Tables C405.7.1 through C405.7.14. Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.8.2 [EL287]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.9 [EL297]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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Section # & Req-ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [P1107]	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 [P1177]	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2.1 [P1147]	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during foundation inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.3 [P1167]	Above-grade wall insulation R-value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 [P1187]	Radiant panels and associated components, designed for heat transfer from the panel surface to the occupants or indoor space are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.1 [P1177]	All sources of air leakage in the building thermal envelope are sealed: caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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Section # & Req-ID	Final Inspection	Complies?	Comments/Assumptions
C303.1 [P1107]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.8 [P1267]	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.4.1 [P1187]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting Fixture schedule for values.
C408.1.1 [P1277]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturer's information, specifications, programming procedures and means of illustrating to owner how building equipment and systems are intended to be installed, tested, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5.1 [P1167]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [P1237]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

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JOINT VENTURE PROJECT



3578 30th Street
San Diego, CA 92104
V. 619.236.0595
F. 619.236.0557
www.mpa-architects.com

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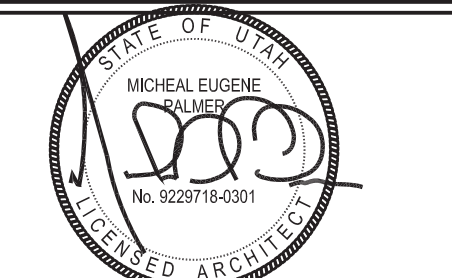
THOMAS
BOUFFARD
ARCHITECTS, INC
1822 MAIN STREET
HUNTINGTON BEACH, CA
92648
(707) 372-8156
tom.tbarchitects@gmail.com

PROJECT TITLE:

EUROPEAN WAX
CENTER
1440 S FOOTHILL DR
SUITE 140
SALT LAKE CITY, UT
84108

SHEET DESCRIPTION

COMPLIANCE
FORMS



REVISIONS:

DWN TB SHEET
DATE 4-20-2018
CHK TB
SCALE AS NOTED
PROJ. 2017-68
R1.0