DESIGN TEAM

OWNER

CITY OF KINGSVILLE, TEXAS

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KINGSVILLE, TX 78364

(361) 595-8025

PROJECT ARCHITECT

SOLKANAVATORNO, ILG architegts

6262 WEBER, SUITE 310 CORPUS CHRISTI, TEXAS 78413 (361) 854—1471 www.sntarchitects.com

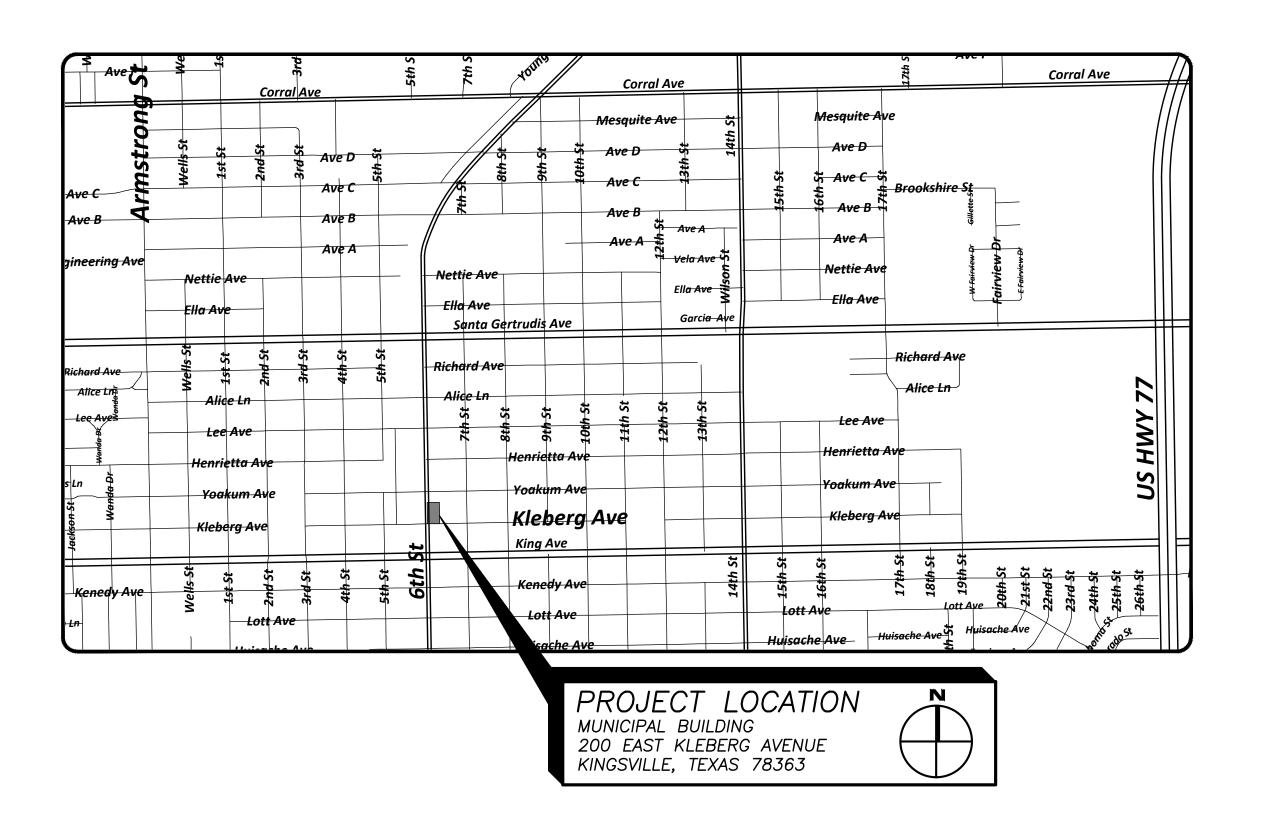
CONSULTANTS

MECHANICAL, ELECTRICAL, PLUMBING
DBR ENGINEERING CONSULTANTS, INC.
400 MANN STREET SUITE 602
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(361) 888-5797

CITY OF KINGSVILLE MUNICIPAL BUILDING FIRST FLOOR RENOVATION



OCTOBER 30, 2017





SHEET NO. DESCRIPTION TITLE SHEET GENERAL INFORMATION FIRST FLOOR DEMOLITION FLOOR PLANS FIRST FLOOR PLAN - NEW WORK ROOM FINISH SCHEDULE OPENING SCHEDULE INTERIOR ELEVATIONS AND DETAILS OPENING DETAILS ROOF DETAILS FIRST FLOOR REFLECTED CEILING PLAN MEP ROOF PLAN - DEMO MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR MECHANICAL DEMO PLAN FIRST FLOOR MECHANICAL PLAN SECOND FLOOR MECHANICAL PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES ELECTRICAL SYMBOL LEGEND FIRST FLOOR LIGHTING PLAN FIRST FLOOR ELECTRICAL POWER PLANS ELECTRICAL DETAILS ELECTRICAL DETAILS PLUMBING SYMBOLS AND ABBREVIATIONS FIRST FLOOR PLUMBING DEMO PLAN FIRST FLOOR PLUMBING PLAN

PLUMBING SPECIFICATIONS

10/30/17

archilects

CONSULTANTS

RUCTURAL / CIVIL

1-A ENGINEERING
BDX 1251
SSVILE, TEXAS 78364
1592-2977

CHANICAL / ELECTRICAL / PLUMBING
ENGINEERING CONSULTANTS, INC.
JAANN STREET SUITE 602
PUS CHRISTI, TX 78401
1888-5797

PAL BUILDING
OR RENOVATION
AVENUE, KINGSVILLE, TEXAS

IRST FLOOR F

DRAWING NUMBER

G1.0

OF 33

BASIC BUILDING DESCRIPTION:

Type of Construction = IIB

Occupancy Type: B - Business Building does NOT have an automatic sprinkler system Interior renovation of first floor only

BUILDING INTERIOR: ALLOWABLE AREA AND HEIGHT:

FL	NAME	occ	MAX FI	LR	AREA	ALLOW	IED	RATIO	STATUS
F2	Offices	в	NC		6300	NOT CH	ECKE	 ED	
TOTA	L FOR FLOOR				6300	NOT CH	ECKI	ΞD	
F1	Collections Lobby	В	NC		993	NOT CH	ECKI	ED	
F1	Collections	В	NC		1157	NOT CH	ECKI	ED	
F1	Old Vault/Custodian	S1	NC		537	NOT CH	ECKI	ED	
F1	Mail Room	В	NC		152	NOT CH	ECKI	ED	
F1	Conference	В	NC		227	NOT CH	ECKI	ED	
F1	Office	В	NC		151	NOT CH	ECKI	ED	
F1	Public Restrooms	В	NC		428	NOT CH	ECKI	ED	
F1	Courtroom	В	NC		1060	NOT CH	ECKE	ED	
F1	Courtroom Waiting	В	NC		602	NOT CH	ECKI	ED	
F1	Court Offices, etc.	В	NC		1056	NOT CH	ECKI	ED	
F1	Mechanical	В	NC		74	NOT CH	ECKI	ED	
F1	IT Room	В	NC		35	NOT CH	IECKI	ED	
TOTA	L FOR FLOOR				6472	NOT CH	IECKI	ED	

12772 NOT CHECKED

Allowable height and area not checked for interior renovation.

EXIT RECILIREMENTS

BUILDING TOTAL

FL	REQUIREMENTS: NAME OF AREA	NUMB OF OCC		EXIT	_	DOOR	CORRIDOR FIRE RATING	TRVL	NOTES
F1 F1 F1 F1 F1 F1 F1 F1 F1	TOTAL 2nd FLOOR Collections Lobby Collections (A) Old Vault/Custo Mail Room Conference Office Public Restrooms Courtroom Courtroom Waiting Court Offices (Inc Mechanical	25 12 2 2 2 2 4 27 15 11	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12.6 5 2.3 .4 .3 .5 .3 .9 5.3 3 2.1	no n	OUT OUT any	N/A	200 200 200 200 200 200 200 200 200 200	
F1	(A)IT Room TOTAL 1st FLOOR		1 2	0 19.8	no no	any OUT		200 200	5
NOTE:	Areas with (A) before the number	er of occur	ants is b	eina trea	ated an acc	cessory i	ise area. This a	area is or	ılv used per

NOTE: Areas with (A) before the number of occupants is being treated an accessory use area. This area is only used persons who occupy the main areas of the building. The occupant load of this area is not included in the total occupant load for suites, floors, or the building.

1. Two exits are required from this area since the occupant load exceeds allowable in Table 1006.2.1 5. Number of exits from this floor is based on Section 1006.3.2

NOTES FOR EXIT TABLE:

Door swing is based on Section 1010.1.2

Occupant load is based on Section 1004 and Table 1004.1.2

Exit width is in inches and based on Sections 1005.3.1 and 1005.3.2 For the minimum width of stairways, see Section 1011.2.

Exits shall be continuous from the point of entry into the exit to the exit discharge. (1003.6)

MEANS OF EGRESS ILLUMINATION:

1. The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means

of egress is occupied. (1006.1) 2. The means of egress illumination shall not be less than 1 foot-candle at the walking surface level. (1006.2)

BOLT LOCKS: Manually operated flush bolts and surface bolts are not permitted. (1010.1.9.4

Exception 3: Where a pair of doors serves an occupant load of less than 50, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf. The inactive leaf shall contain no doorknobs, panic bars or similar operating hardware. Exception 2: Where a pair of doors serves a storage or equipment room, manually operated edge- or surface-mounted bolts are

The unlatching of any door or leaf shall not require more than one operation. (1010.1.9.5) Exception 2: Where manually operated bolt locks are permitted. Exception 3: Doors with automatic flush bolts as permitted.

STAIRWAY REQUIREMENTS:

1. The minimum width of a stairway is 44 inches. (1011.2)

Exception 1 If the occupant load is less than 50, the minimum width is 36 inches. Check floor exit requirements above to see if minimum width is greater than 44 inches.

When stairways are part of an accessible means of egress, the stairway shall have a clear width of 48 inches. (1009.3) 2. The riser heights shall not be less than 4 inches or greater than 7 inches. The minimum tread depth is 11 inches. (1011.5.2) The maximum variation is 3/8 inch between the largest and the smallest in a stairway flight. (1011.5.4)

Risers shall be solid. (1011.5.5.3) 3. Provide a handrail on each side of stairways. (1011.11)

4. Handrail height, measured above stair tread nosing, shall be not less than 34 inches and not more than 38 inches. (1014.2) Type I: Handrails with a circular cross section shall have an outside diameter of at least 1.25 inches and not greater than 2 inches or shall provide equivalent graspability. If the handrail is not circular, it shall have a perimeter dimension of at least 4 inches and not greater than 6.25 inches with a maximum cross-section dimension of 2.25 inches. (1014.3.1) Type II: See Section 1014.3.2 for larger handrails. Handrail-gripping surfaces shall be continuous without interruption by newel post or other obstructions. (1014.4) Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight.

Where handrails are not continuous between flights, the handrails shall extend horizontally at least 12 inches beyond the top

riser and continue to slope for the depth of one tread beyond the bottom riser. (1014.6) 5. The minimum headroom clearance is 80 inches (6 ft.- 8 inches.) measured vertically from a line connecting the edge of the nosing. Headroom shall be continuous to the point where the line intersects the landing below. The minimum clearance

shall be maintained the full width of the stairway and landing. (1011.3) 6. Enclosed usable space under the stairs is required to be protected by 1-hour fire-resistive construction or the fire-resistance rating of the stairway enclosure, whichever is greater. Access to the enclosed space shall not be directly from within the

7. There shall be a floor or landing at the top and bottom of each stairway. Every landing shall have a minimum dimension measured in the direction of travel equal to the width of the stairway. Such dimension need not exceed 48 inches where the stairway has a straight run. (1011.6) When wheelchair spaces are required on the stairway landing, wheelchair space shall not be located in the required width of

8. A flight of stairs shall not have a vertical rise greater than 12 feet between floor levels or landings. (1011.8)

Stairways serving only 2 stories are not required to be enclosed. (1019.3, Exception 1)

The openings into the exit enclosure are required to be 1 hour fire assemblies. (Table 716.5) Openings into enclosure are limited to those necessary for exit access to the enclosure from normally occupied spaces and for egress from the enclosure. (1023.4) Doors shall be self-closing or automatic closing. (716.5.9) 3. Exit enclosure must discharge directly to the exterior of the building. (1023.3 & 1028.1)

Exception: An exit enclosure shall be permitted to terminate at an exit passageway that terminates at an exit discharge or public way. (1023.3 Exception) The combined use of Exceptions 1 and 2 shall not exceed 50 percent of the number and capacity of the required exits. (1028.1) Exception 1: A maximum of 50 percent of the number and capacity may exit through areas on the level of discharge provided

all of the following are met: (1028.1) 1.1 There is a free and unobstructed way to the exterior that is readily visible and identifiable from the exit enclosure. 1.3 The egress path from the enclosure and all portions of the level of discharge with access to the egress path are protected with an automatic sprinkler system or separated from the egress path as required for an exit enclosure.

1.4 Where a required interior exit stairway and an exit acces stairway serve the same floor level and terminate at the same level of exit discharge, the termination of the exit access stairway and the exit discharge door shall be separated by a distance of not less than 30 feet or not less than 1/4 of the lenght of the maximum diagional of the building, whichever is

Exception 2: A maximum of 50 percent of the number and minimum width or required capacity may exit through a vestibule 2.2 The depth from the exterior of the building is not greater than 10 feet and the length is not greater than 30 feet.

2.3 The vestibule is separated from the remainder of the level of exit discharge using a 1 hour fire partition constructed per

2.4 The vestibule is used only for means of egress and exits directly to the outside. 4. An exit enclosure shall not be used for any purpose other than means of egress. (1023.1)

Note: Where interior exit enclosures are extended to the exterior of the building by an exit passage way, fire-resistance of the exit passage way shall be the same as the enclosure. (1023.3.1) 1. Stairways are required to be enclosed with 1 hour fire barriers. (1023.2)

RAMP REQUIREMENTS:

1. The minimum width is 44 inches. If a ramp serves an occupant load of 50 or less, it may be 36 inches wide. If the ramp is serving a high occupant load, check exit table above for required width. (1012.5.1 & Table 1020.2) 2. If the ramp is part of the means of egress, the maximum slope is 1:12. All other ramps may have a slope of 1:8 or less.

3. The rise for any ramp shall be 30 inches maximum. (1012.4) 4. Landings shall be provided at the top, bottom, points of turning and at doors. (1012.6) Landings shall have a length of at

least 60 inches in the direction of travel. (1012.6.3) Exception 2: Where the ramp is not part of accessible route, the length is not required to be more than 48 inches.

5. Where changes in direction of travel occur at landings, the landing shall be 60 inches by 60 inches minimum. (1012.6.4) 6. The surface shall of slip-resistant materials that are securely attached. (1012.7.1) Handrails shall be per Section 1014. (1012.8) See handrail requirements in stair requirements. 8. A curb, rail, wall or barrier shall be provided that prevents the passage of a 4-inch diameter sphere, where any portion of

the sphere is within 4 inches of the floor or ground surface. (1012.10.1) 9. The floor or ground surface of the ramp run or landing shall extend 12 inches minimum beyond the inside face of a handrail. (1012.10.2)

BUILDING ACCESSIBILITY:

Accessible entrances and accessiblilty within the building shall comply with Sections 1104 and 1105. On floors where drinking fountains are provided, accessible drinking fountains shall be provided. No fewer than 2 drinking fountains shall be provided. One shall comply with the requirements for people in a wheelchair and one for standing persons. (1109.5.1)

FIRE-RESISTANCE REQUIREMENTS:

FIRE-RESISTANCE RATING REQUIREMENTS:(Table 601 except as noted) Exterior walls . Minimum fire resistance rating = FIRE-RESISTANCE RATING FOR EXTERIOR WALLS above Primary structural frame must be noncombustible. Minimum fire resistance rating = 0 hour

Interior bearing wall must be noncombustible. Minimum fire resistance rating = 0 hour Interior nonbearing wall must be noncombustible. Minimum fire resistance rating = 0 hour

1.1 Nonbearing partitions where the required fire-resistance rating is two hours or less. 1.2 Nonbearing exterior walls where no fire rating is required.

1.3 Roof construction, including girders, trusses, framing and decking. Partitions dividing portions of stores, offices or similar places occupied by one tenant only and do not establish a corridor or serve an occupant load of 30 or more may be:

 constructed of fire retardant treated wood 2. one hour fire resistive construction

Fire-retardant treated wood shall be permitted in: (603.1)

3. wood panels or similar up to six feet in height. (603.1, 10) Floor/ceiling assembly must be noncombustible. Minimum fire resistance rating = 0 hour Roof/ceiling assembly must be noncombustible. Minimum fire resistance rating = 0 hour

Fire-retardant-treated wood shall be allowed in buildings including girders and trusses as part of the roof construction. (Table

Shaft Enclosure must be noncombustible. Minimum fire resistance rating = 1 hour Stairs must be noncombustible. Minimum fire resistance rating = 0 hour

MARKING AND IDENTIFICATION:

Fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified. (703.7)

Identification shall be located in accessible concealed floor, floor-ceiling or attic spaces; Be located within 15 feet of the end of each wall and at intervals not exceeding 30 feet; and Suggested wording: 'FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS'

FIRE PARTITIONS:

The following wall assemblies shall comply. (708.1)

Fire partitions shall have a fire-resistance rating of not less than 1-hour. (708.3)

Fire partitions shall extend from the top of the foundation or floor/ceiling assembly below to the underside of the floor or roof sheathing, slab or deck above or to the fire-resistive-rated floor/ceiling or roof/ceiling assembly above. (708.4) The supporting construction shall be protected to afford the required fire-resistance rating of the wall supported, except for tenant and sleeping unit separation wall and corridor walls. See exceptions.

PENETRATIONS OF FIRE RESISTIVE ASSEMBLIES:

WALLS ASSEMBLIES: Penetrations of walls shall comply Section 714.3.1.1 or 714.3.1.2. FLOOR/CEILING AND ROOF/CEILING ASSEMBLIES:

Penetrations of floor/ceiling and roof/ceiling assemblies shall comply Section 714.4.1.1 or 714.4.1.2.

DUCTS AND AIR TRANSFER OPENINGS: Where required. (717.5), Fire walls (717.5.1), Fire barriers (717.5.2), Shaft enclosures (717.5.3), Fire partitions (717.5.4) and Smoke barriers (717.5.5)

Uses are not separated by fire barriers. The construction of the building is based on the most restrictive use. (508.3.3)

REQUIRED SEPARATION OF OCCUPANCIES: (508.4.4 & Table 508.4)

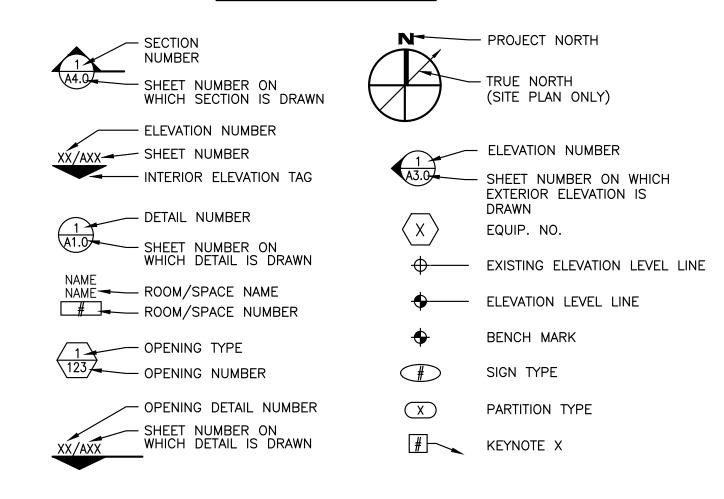
ARCHITECTURAL MATERIALS LEGEND

MATERIAL	INDICATION
CEILING TILE	
CEMENT PLASTER ON METAL LATH	
GYPSUM BOARD	
CEMENTITIOUS BOARD SHEATHING	
GLASS/GLAZING	
PLYWOOD	
RIGID BOARD INSULATION	
CONCRETE MASONRY UNIT (CMU) MORTAR ————	
FACE BRICK	
MORTAR ———	
CONCRETE	A
WOOD BLOCKING (CONTINUOUS)	
FINISH WOOD	
SHIM OR INTERMITTENT BLOCKING	
FIBROUS BATT INSULATION	
NOTE: WHERE A MATERIAL IS PARTIALI	

IT SHALL CONTINUE UNTIL ANOTHER MATERIAL IS INDICATED

OR THAT MATERIAL IS DEFINITELY TERMINATED.

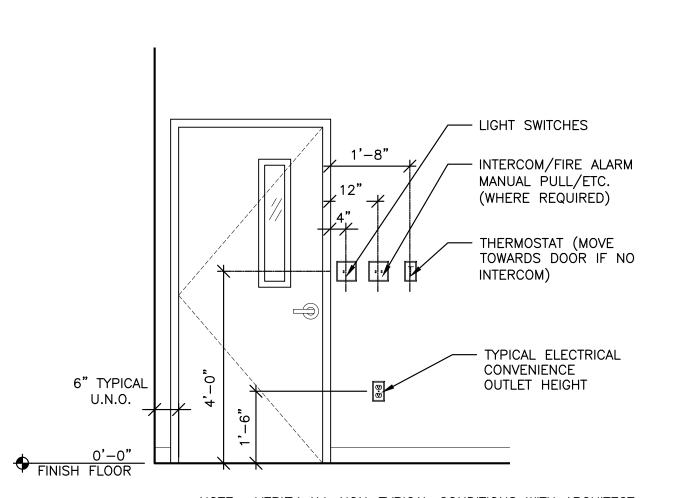
SYMBOL LEGEND



ARCHITECTURAL ABBREVIATION LEGEND

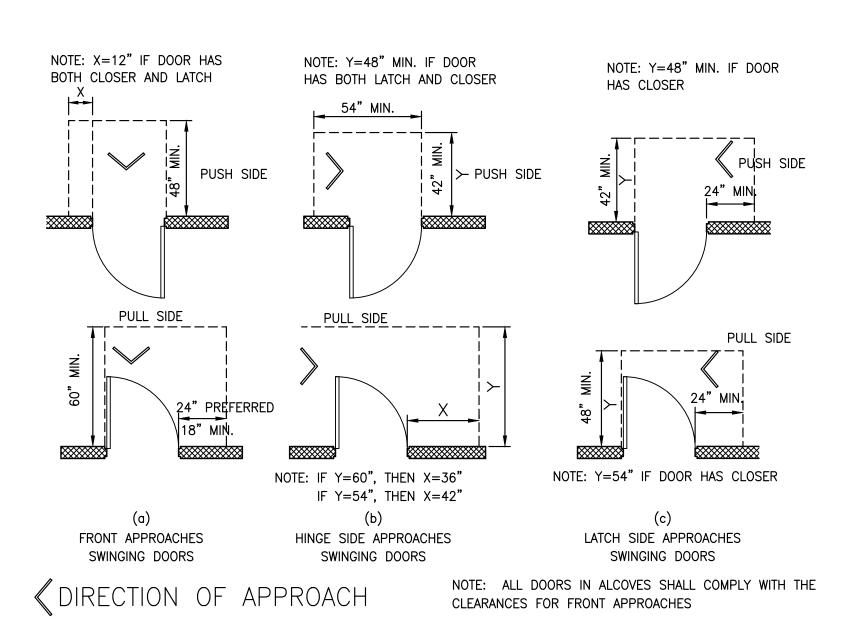
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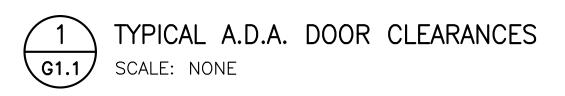
#,, /+ - X% & < @ & _ # A.COUS. A/C A.D. A.F.F. ARCH. ASPH. BD. BLDG. B.M. BOC C.J. CC.J. CONC.	PLUS OR MINUS INCHES OR SECONDS FEET OR MINUTES PER OR A PLUS MINUS "BY" AS IN 2" x 4" PERCENT AND ANGLE AT CENTERLINE DIAMETER OR ROUND PERPENDICULAR POUND OR NUMBER AMERICANS WITH DISABILITIES ACT ACOUSTICAL AIR CONDITIONING AREA DRAIN ADJUSTABLE ABOVE FINISH FLOOR ALUMINUM APPROXIMATE ARCHITECTURAL ASPHALT BOARD BUILDING BENCH MARK BACK OF CURB BOTTOM CURB & GUTTER CONTROL JOINT CEILING CONCRETE MASONRY UNIT CONCRETE	E. E.F. E.J. EL. ELEC. EQ. E.W.C. EXIST.	CONTINUOUS CERAMIC TILE CONNECTION DETAIL DEVELOPMENT DEPTH ELEVATOR EAST EACH EXHAUST FAN EXPANSION JOINT ELEVATION ELECTRICAL EQUAL ELECTRIC WATER COOLER EXISTING ETCETERA FINISHED FLOOR FIRE EXTINGUISHER CABINET FINISH FLOW LINE GAUGE GALVANIZED GYPSUM GYPSUM BOARD HOLLOW METAL HEATING, VENTILATING, AIR CONDITIONING LENGTH LINEAR FEET MAXIMUM MECHANICAL MECHANICAL ELECTRICAL PLUMBING MINIMUM MILES PER HOUR NATIONAL FIRE PROTECTION AGENCY NOT IN CONTRACT	O.C. O.H. P.LAM. P.S.I. P.S.F. P.V.C. R. R.C.P. RM. R.O. "R" RE: SF S/W SIM. S.S. STOR. TAS T.S. TEL. TOC T.O.S. TX.DOT. UG U.N.O. VEST. W/ WH WD. W/OUT W. W.P. W.W.M.	ON CENTER OPPOSITE HAND PLASTIC LAMINATE POUNDS PER SQUARE INCH POUNDS PER SQUARE FEET POLYVINYL CHLORIDE RADIUS REINF. CONC. PIPE ROOM ROUGH OPENING RATED PARTITION REFER TO SQUARE FEET SIDEWALK SIMILAR STAINLESS STEEL STORAGE TEXAS ACCESSIBILITY STANDARDS TUBE SECTION TELEPHONE TOP OF CONCRETE TOP OF STEEL TEXAS DEPARTMENT OF TRANSPORTATION UNDERGROUND UNLESS NOTED OTHERWISE VESTIBULE WITH WATER HEATER WOOD WITHOUT WIDE WELD PLATE WELDED WIRE MESH
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NOTE: VERIFY ALL NON-TYPICAL CONDITIONS WITH ARCHITECT PRIOR TO ROUGH-IN OF ELECTRICAL BOXES.



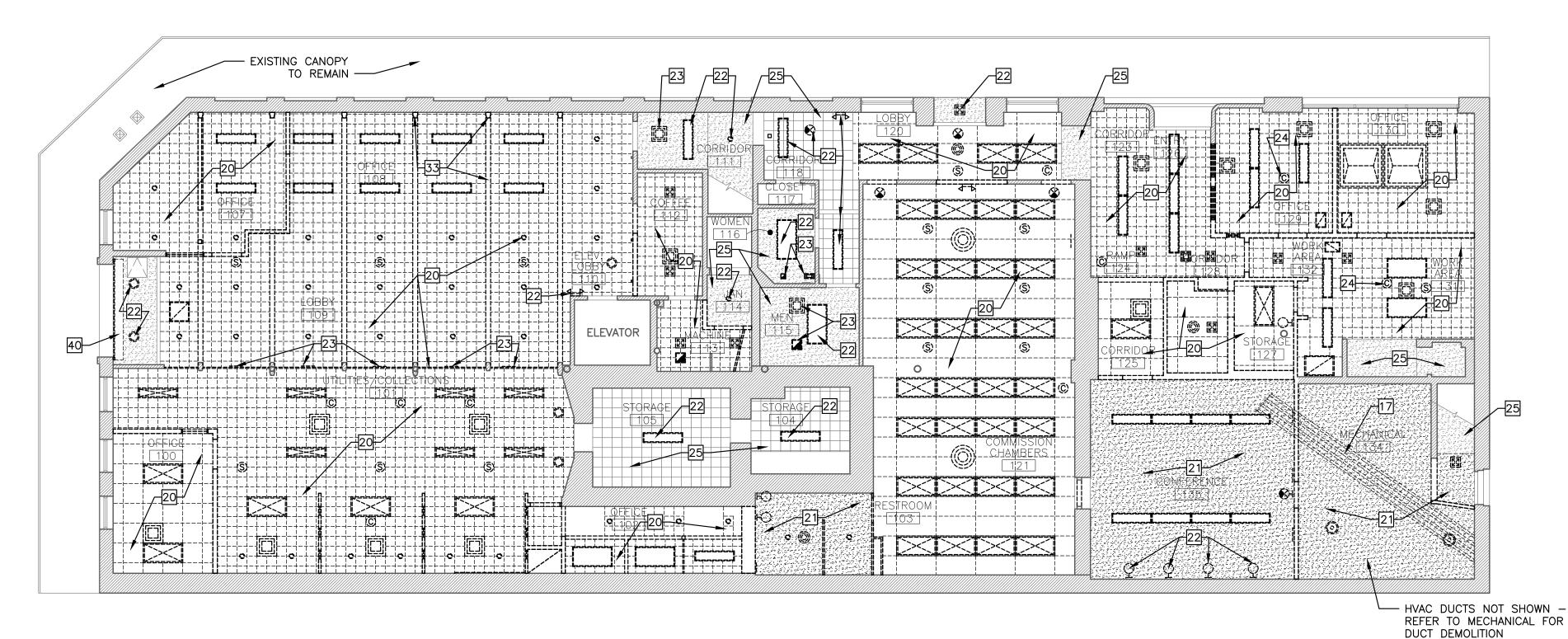




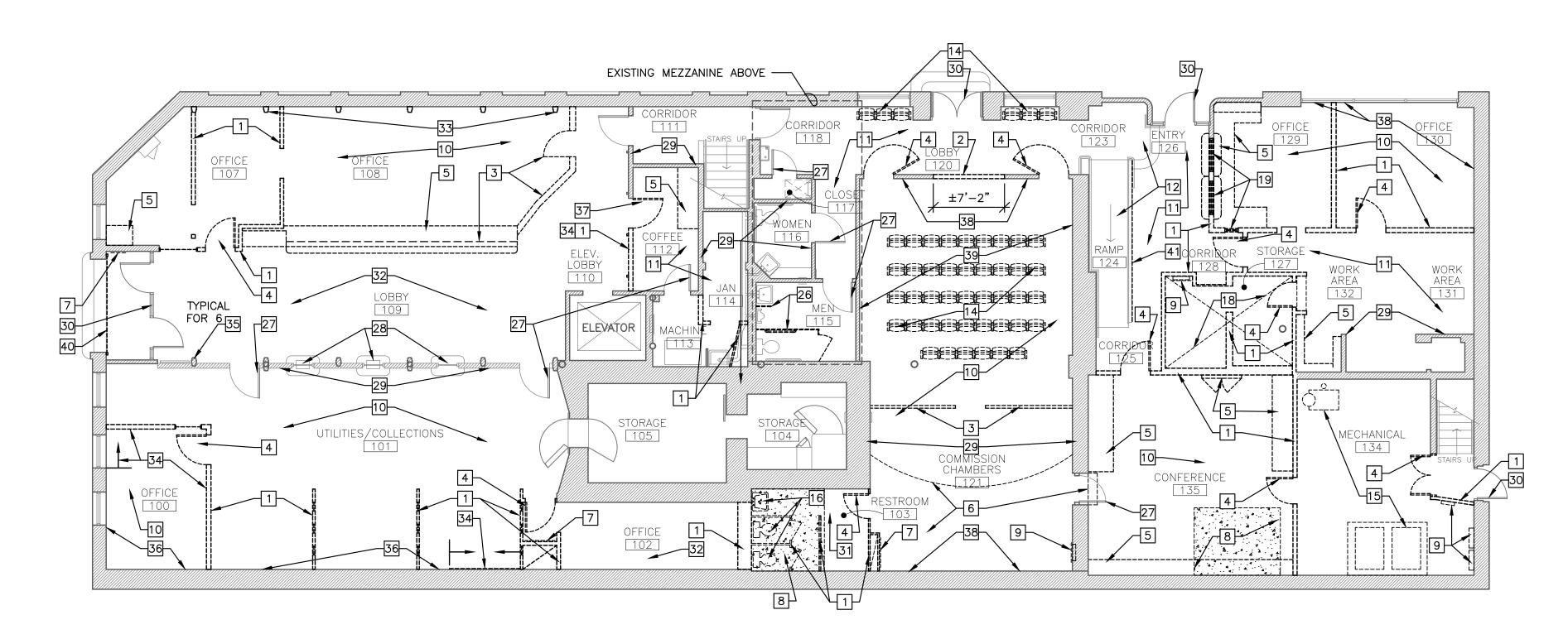
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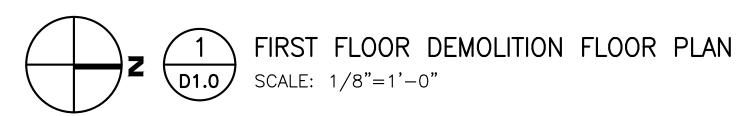
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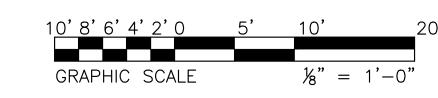
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FIRST FLOOR DE SCALE: 1/8"=1'-0" FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN







<u>a</u>

DEMOLITION GENERAL NOTES

EXISTING BUILDING INFORMATION INDICATED IS TAKEN FROM RECORD DOCUMENTS. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ACTUAL CONDITIONS PRIOR TO SUBMITTING BIDS

- A. CONTRACTOR SHALL VERIFY DIMENSIONS, QUANTITIES AND MATERIALS PRIOR TO BEGINNING ANY DEMOLITION WORK. DEMOLITION SHALL BE COMPLETE AND TO THE EXTENT NECESSARY TO ACCOMPLISH SCHEDULED NEW WORK.
- B. REMOVE ALL CONSTRUCTION AND DEMOLITION DEBRIS FROM THE JOB SITE IMMEDIATELY AND MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES.
- C. MAINTAIN SECURITY AND ENVIRONMENTAL CONTROL OF THE BUILDING AND DO NOT IMPEDE SAFETY EGRESS.
- D. SECOND FLOOR FACILITY SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. PHASE AND COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO PREVENT DISRUPTION OF DAILY FACILITY OPERATIONS.
- E. PROTECT FROM DAMAGE ALL EXISTING CONSTRUCTION TO
- F. WHERE PORTION OF EXISTING IS DEMOLISHED ADJACENT TO FINISHED MATERIAL TO REMAIN, CREATE CLEAN BREAKS IN WORK BY LEAST DESTRUCTIVE FORCE REQUIRED.
- G. ENSURE ADEQUATE STRUCTURAL SUPPORT OF CONSTRUCTION TO REMAIN DURING AND AFTER DEMOLITION AND NEW WORK ACTIVITIES.
- H. REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO DEMOLITION AND NEW WORK.
- POTENTIALLY HAZARDOUS MATERIALS ABATEMENT IS INCLUDED IN THE SCOPE OF THIS CONTRACT.
- J. IT IS CRITICAL THAT COMPUTER SERVER AND TELEPHONE EQUIPMENT ON THE SECOND FLOOR REMAIN IN SERVICE DURING AND AFTER DEMOLITION AND NEW WORK ACTIVITIES.

KEYED NOTES: (THIS SHEET ONLY)

- 1. DEMOLISH INTERIOR PARTITION FULL HEIGHT TO EXTENT INDICATED. DEMOLISH PORTION OF PARTITION INDICATED UP
- FRAMING REFER TO NEW WORK. 3. DEMOLISH MILLWORK LOW PARTITION.
- 4. DEMOLISH DOOR/FRAME.
- 5. DEMOLISH MILLWORK COMPLETE.
- 6. DEMOLISH WOOD-FRAMED PLATFORM COMPLETE.

TO 9'-0" A.F.F. PROVIDE NEW SUPPORT HEADER

- DEMOLISH WALL-MOUNTED LOUVER GRILLE AREA OF NEW PLUMBING — SAW CUT AND REMOVE CONCRETE SLAB - CUT REINFORCING IN MIDDLE
- AND BEND OUT OF THE WAY. AFTER NEW PLUMBING WORK, BEND REINFORCING BACK AND SPLICE WITH NEW REINFORCING - REFER TO NEW 35. EXISTING WOOD COLUMN TO REMAIN.
- DEMOLISH ELECTRIC DISTRIBUTION PANEL AND BREAKERS. PREPARE FOR NEW CIRCUIT BREAKERS AND PANEL - REFER TO ELECTRICAL.
- 10. DEMOLISH CARPET, VCT UNDER, GLUE, AND WALL BASE THIS AREA. PREPARE FOR NEW FLOOR
- 11. DEMOLISH VINYL TILE THIS AREA. PREPARE FOR NEW FLOOR FINISH.
- 12. DEMOLISH RUBBER FLOORING ON RAMP AND STEPS, INCLUDING METAL NOSINGS. 13. WOOD HANDRAILS AND HANDRAIL WALL SUPPORTS
- TO REMAIN. 14. DEMOLISH FLOOR-MOUNTED SEATING COMPLETE.
- 15. DEMOLISH MECHANICAL EQUIPMENT REFER TO MECHANICAL. 16. DEMOLISH PLUMBING FIXTURE - PREPARE WASTE AND SUPPLY PIPING FOR NEW WORK - REFER TO
- 17. DEMOLISH OVERHEAD PNEUMATIC TUBE SYSTEM PIPING (FORMER MOTOR BANK TUBE SYSTEM). LEAN-TO SHED ENCLOSURE ON NORTH EXTERIOR TO REMAIN.
- 18. DEMOLISH CERAMIC TILE AND WOOD FRAMED RAISED FLOOR THIS AREA.
- 19. SALVAGE BULLET-RESISTANT WINDOWS FOR
- 20. DEMOLISH SUSPENDED ACOUSTICAL CEILING, LIGHT FIXTURES, HVAC DEVICES, ETC.
- 21. DEMOLISH GYPSUM BOARD / PLASTER CEILING, LIGHT FIXTURES, HVAC DEVICES, ETC.
- 22. DEMOLISH LIGHT FIXTURE REFER TO ELECTRICAL.
- 23. DEMOLISH HVAC DEVICE REFER TO MECHANICAL. 24. CEILING-MOUNTED CAMERA - REMOVED BY OWNER TYPICAL.

- 25. EXISTING CEILING FINISH TO REMAIN.
- 26. DEMOLISH TOILET PARTITION. SALVAGE GRAB BAR FOR RE-USE.
- 27. WOOD DOOR TO REMAIN.
- 28. BULLET RESISTANT WINDOW TO REMAIN.
- 29. PARTITION TO REMAIN TYPICAL.
- 30. STOREFRONT DOOR SYSTEM TO REMAIN.
- 31. DEMOLISH CERAMIC TILE FLOOR FINISH.
- 32. TERRAZZO FLOOR TO REMAIN.
- 33. DEMOLISH WOOD FAUX COLUMN AND CEILING TRIM. 34. SALVAGE WOOD PANELING AND TRIM FOR RE-USE
- IN PATCHING THIS AREA REFER TO NEW WORK.
- 36. EXISTING WOOD PANELING TO REMAIN.
- 37. SALVAGE WOOD DOOR AND FRAME FOR RE-USE.
- 38. DEMOLISH TEMPERED HARDBOARD PANELING.
- 39. DEMOLISH WOOD CHAIR RAIL AND PAINTED VINYL WALL COVERING ABOVE.
- 40. DEMOLISH COILING GRILLE, INCLUDING TRACKS, COILING MECHANISM AND SOFFIT PLATE.
- 41. REMOVE ACOUSTIC WALL PANELS FROM RAMP -

RAMP RAILING TO REMAIN.

CITY OF MUNICIPAIRST FLOO

DRAWING NUMBER

OF 33

-TA-5

TA-1

TA-6

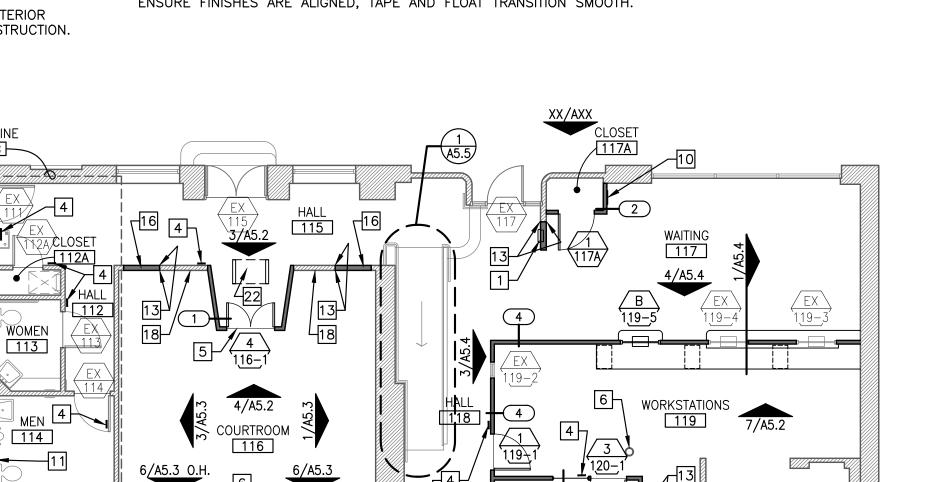
GENERAL NOTES

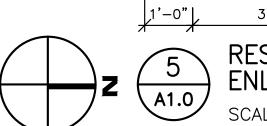
SPACE AT DOORS.

- A. REFER TO SHEET A2.1 FOR DOOR AND WINDOW TYPE ELEVATIONS.
- B. REFER TO SHEET G1.1 FOR TYPICAL MEP DEVICE PLACEMENT NEXT TO DOORS.
- C. REFER TO SHEET G1.1 FOR MINIMUM REQUIRED ACCESSIBLE CLEAR FLOOR
- D. REFER TO SHEET G1.1 FOR SYMBOL LEGEND.
- E. REFER TO SHEET A2.0 FOR PARTITION TYPES: (#)—

AND SEALED PRIOR TO CONSTRUCTING WALLS.

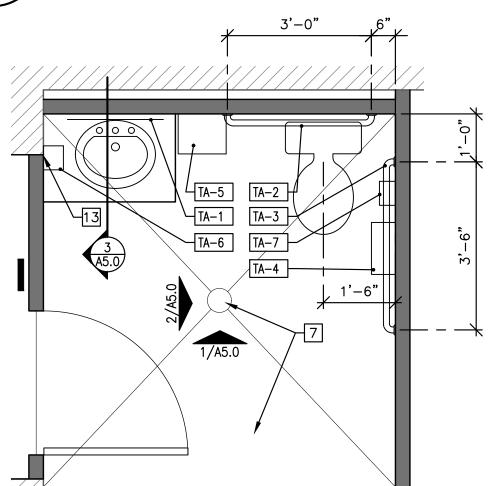
- F. FURNITURE INDICATED BY SHADED/DASHED LINES IS FOR REFERENCE ONLY -
- NOT IN CONTRACT. G. ALL PIPE/CONDUIT PENETRATIONS THROUGH CONCRETE SLAB SHALL BE SLEEVED L.
- H. ALL PLUMBING, HVAC, ELECTRICAL, ETC. PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE SEALED TIGHT TO MATCH EXISTING ADJACENT CONSTRUCTION.
- I. IN REMODEL/DEMOLITION AREAS WHERE NEW FINISHES ARE SCHEDULED OR INDICATED, ALL WALL/CEILING/FLOOR DEFECTS MUST BE PATCHED OR REPAIRED PRIOR TO APPLICATION OF NEW FINISHES. THIS INCLUDES EXISTING DEFECTS, EXISTING ANCHORS/FASTENERS/HOLES AND NEW DEFECTS CAUSED BY DEMOLITION OR RE-WORK, ETC.
- ABANDONED/DEMOLISHED M.E.P. DEVICE BOXES IN WALLS SHALL BE PATCHED AND BLENDED TO MATCH ADJACENT WALL SURFACE.
- DIMENSIONS ARE FROM STUD FACE/CMU FACE IN NEW WORK, FROM FINISH IN EXISTING CONSTRUCTION.
 - WHERE NEW PARTITIONS JOIN/INTERSECT EXISTING, TAPE AND FLOAT JOINT/TRANSITION SMOOTH. WHERE PARTITIONS ARE INTENDED TO BE ALIGNED, ENSURE FINISHES ARE ALIGNED, TAPE AND FLOAT TRANSITION SMOOTH.



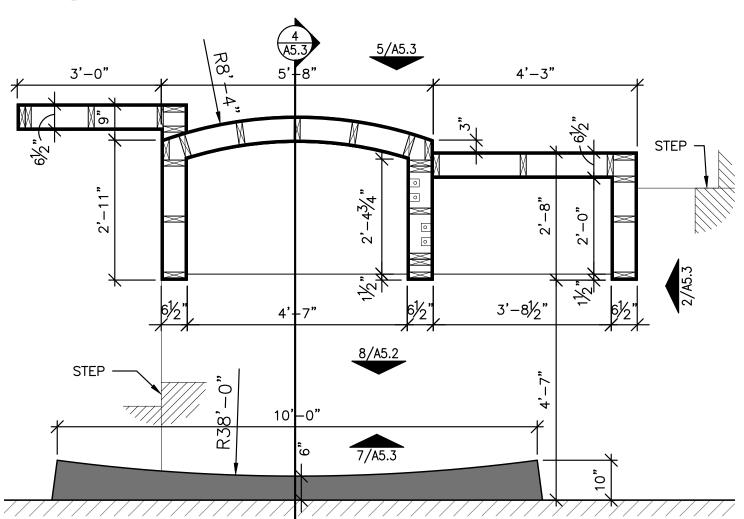


ENLARGED FLOOR PLAN

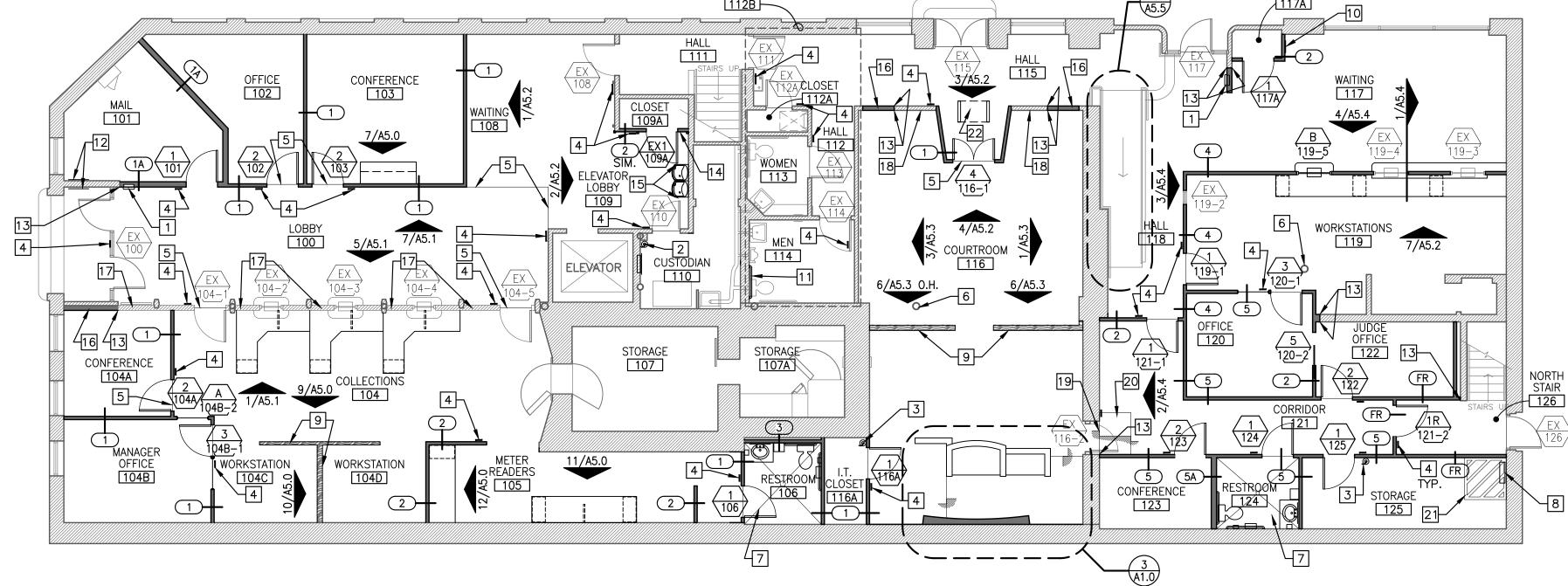
TA-4

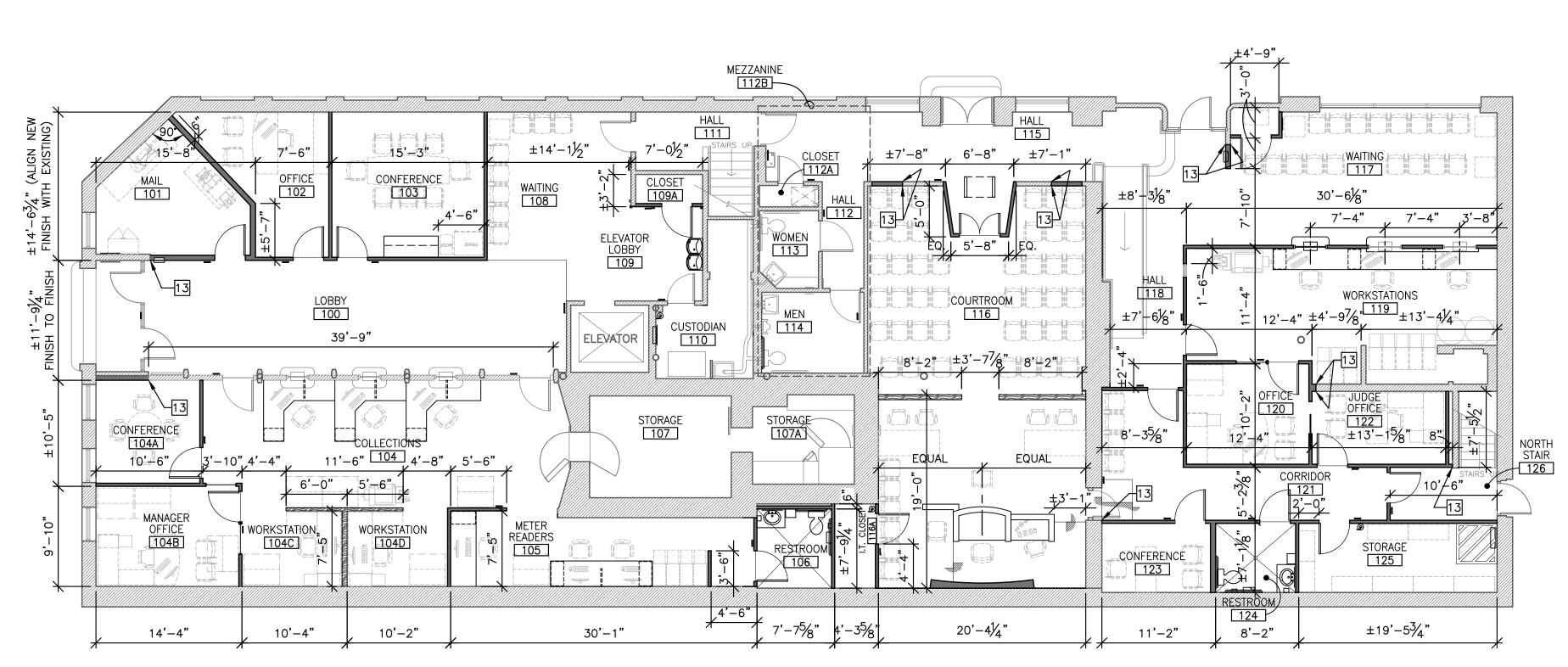


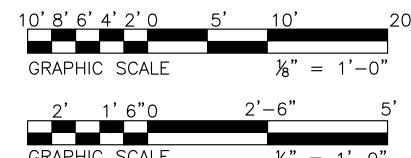
RESTROOM 106 ENLARGED FLOOR PLAN









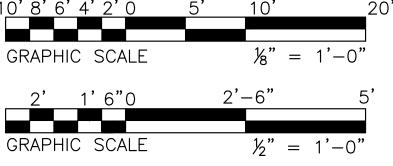


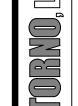
KEYED NOTES

- 1. 5 POUND MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHER IN SEMI-RECESSED WALL CABINET. MOUNT CABINET AT 48" A.F.F. TO TOP OF CABINET. FIELD VERIFY EXACT LOCATION.
- 2. 5 POUND MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHER. WALL BRACKET MOUNT AT 48" A.F.F. TO TOP OF EXTINGUISHER. FIELD VERIFY EXACT LOCATION.
- 3. 5 POUND CARBON DIOXIDE FIRE EXTINGUISHER. WALL BRACKET MOUNT AT 48" A.F.F. TO TOP OF EXTINGUISHER. FIELD VERIFY EXACT
- 4. ROOM IDENTIFICATION SIGN LOCATION REFER TO DOOR SCHEDULE FOR TEXT/SIGN TYPE.
- 5. LINE OF FLOOR MATERIAL TRANSITION (CENTER OF DOOR).
- 6. PREPARE AND PAINT EXISTING STEEL COLUMN. 7. REPAIR FLOOR SLAB REMOVED FOR PLUMBING
- WORK WITH 4,000 PSI (MINIMUM) CONCRETE. PROVIDE CONSISTENT FLOOR SLOPE DOWN 1/2" TO FLOOR DRAIN.
- 8. ELECTRICAL EQUIPMENT REFER TO ELECTRICAL.
- 9. WOOD-FRAMED LOW WALL REFER TO INTERIOR ELEVATIONS.
- 10. DECORATIVE 6" X 14" VENTILATION GRATE (ONE HIGH AND ONE LOW). DECOR GRATES "CLASSIC COLLECTION" PAINTED TO MATCH WALL.
- 11. INSTALL SALVAGED GRAB BAR.
- 12. INFIL ±18"X16" OPENING THROUGH WALL. PROVIDE DRYWALL PATCH FLUSH WITH EXISTING ON INTERIOR WALL SURFACE, .072" MIN. ALUMINUM PLATE ON THE EXTERIOR, ATTACHED WITH STAINLESS STEEL TAMPER-RESISTANT CONCRETE SCREWS, SEAL TO WALL - PAINT FINISH.
- 13. ALIGN FINISH.
- 14. INSTALL SALVAGED WOOD PANELS THIS SIDE OF WALL - REFER TO 7/A5.1.
- 15. ENSURE CLEARANCE FOR DOOR SWING.
- 16. INFILL WITH STUDS AND $\frac{5}{8}$ " GYPSUM BOARD.

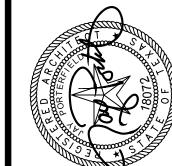
FINISH FLUSH WITH ADJACENT FINISH - PAINT.

- 17. INFILL ON TOP OF EXISTING $\pm 7'-8"$ TALL CMU WALL WITH DRYWALL PARTITION UP TO LOBBY CEILING. FILL CAVITY WITH ACOUSTICAL INSULATION.
- 18. PROVIDE 1 LAYER NEW %" GYPSUM BOARD THIS SIDE OF WALL. FILL CAVITY WITH ACOUSTICAL INSULATION.
- 19. EXISTING STEP.
- 20. 2X6 PLATFORM FRAMING @ 16" O.C. WITH 3/4" PLYWOOD SUB FLOOR TOP.
- 21. 3" WIDE YELLOW PAINTED STRIPING IN 48" X 48" SQUARE ON FLOOR IN FRONT OF ELECTRICAL GEAR.
- 22. METAL DETECTOR BY OWNER.





S



CITY OF KINGSVILLE
MUNICIPAL BUILDING
-IRST FLOOR RENOVATION
200 E. KLEBERG AVENUE, KINGSVILLE, TEXAS

DRAWING NUMBER

A1.0

OF 33

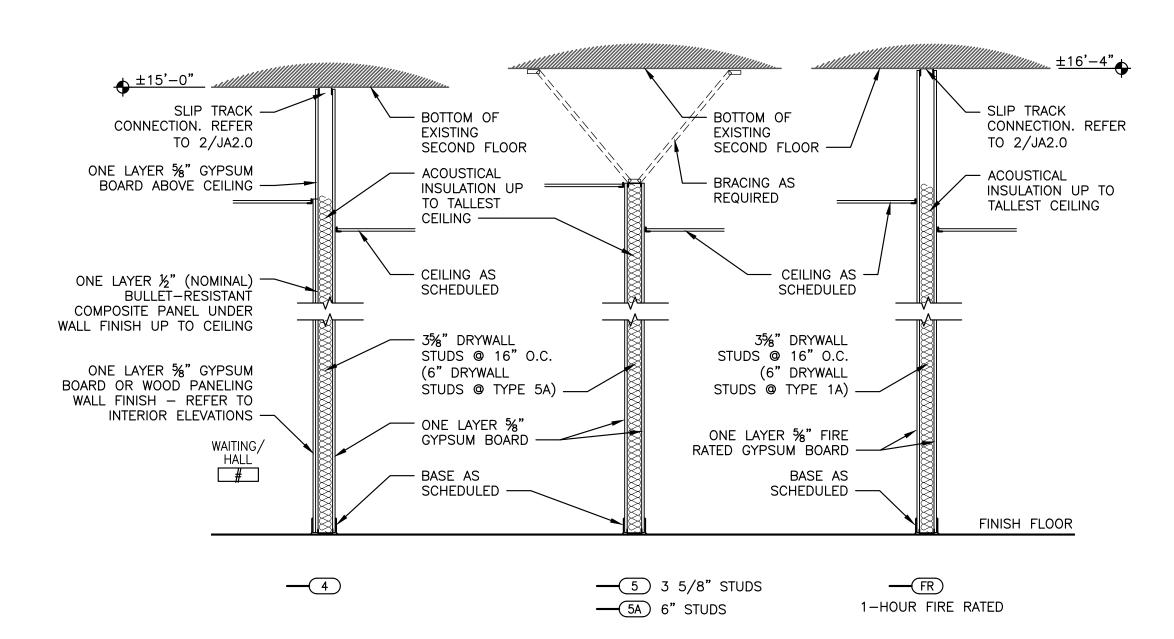
DATE: 10/30/17 COMM. NO.: 1609

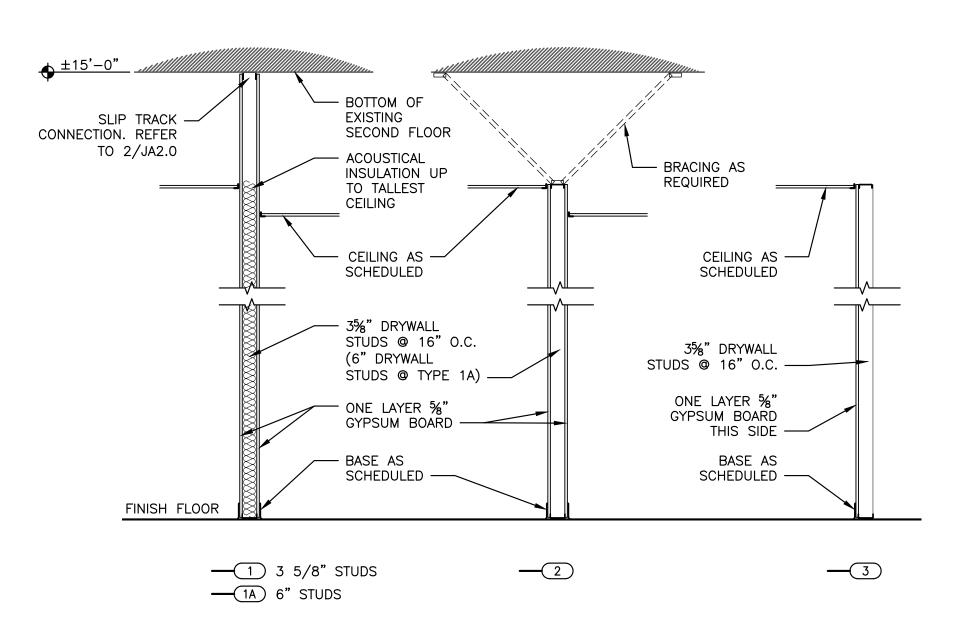
FIRST FLOOR DIMENSION PLAN NEW WORK

FIRST FLOOR REFERENCE PLAN

A1.0

NEW WORK





NOTES: 1. BRACE ALL STUD-FRAMED WALLS AS REQUIRED 2. SUBSTITUTE TILE BACKER BOARD FOR GYPSUM BOARD AT WALLS SCHEDULES TO RECEIVE TILE FINISH.

PARTITION TYPE SCHEDULE SCALE: NOT TO SCALE

TYPE DESIGNATION
REFER TO FLOOR PLAN

ROOM FINISH SCHEDULE

					OR ISH				ВА	\SE				WAL	_L FIN	NISH	l			CEIL FINI:				LEGEND	
						SEALED							ABOVE	ABOVE	PAINT	PAINT	:				PAINT	REMAIN		MATERIAL USED ON SURFACES RELATED TO PLAN ORIENTATION MATERIAL USED ON ALL SURFACES	
			lщ		SEALED	RE-SE						LN	, PAINT	PAINT	HEIGHT ASTER —	1	()		AL TILE	LN L	STER -	TO REN		IN REMODEL/DEMOLITION AREAS WHERE NEW FINISHES ARE SCHEDULED OR	
			N TILE		 型	- 0;		.4 .	0 1		N	- PAINT	WAINSCOT	WAINSCOT,	NELING FULL HEIGH	WOOD PANELING	PANELING	Z	ACOUSTICAL	- PAINT	BD/PLASTER	TILE		INDICATED, ALL WALL/CEILING/FLOOR DEFECTS MUST BE PATCHED OR REPAIRED PRIOR TO APPLICATION OF NEW FINISHES.	
			SITIC		IILE CONCRETE	TERRAZZ0	REMAIN	COVED	COVED II F		REMAIN	RD -			NG F	90 6	MOOD	TO REMAIN	ACOL	RD .	BD,	ACOUS.		THIS INCLUDES EXISTING DEFECTS, EXISTING ANCHORS/FASTENERS/HOLES AND NEW DEFECTS CAUSED BY DEMOLITION OR	
		PLANK	COMPOSITION	- <i>,</i>			5 70		_ 「		3 TO	BOARD	TILE	PANEL	PANELING FULL	0 M			ED					RE-WORK, ETC.	
			l li.		CERAMIC EXISTING	EXISTING	EXISTING	RESILIENT	AESILIEN OFDAMIC		EXISTING	MUSYY	CERAMIC			EXISTING	SALVAGED	EXISTING	SUSPENDED	GYPSUM	EXISTING	EXISTING	CLG.		
NO.	ROOM NAME	VINYL	VINYL	\frac{1}{5}	3 3	_	X	<u> </u>		MOOD O	EX	(GYI	CEF	O WOOD		_	i S			_	X	EX	HT.	NOTES	NO.
100	LOBBY		Н			0				00	000	6	$\langle \rangle$		00	• ×	X	\times	0	0				REFER TO INTERIOR ELEVATIONS FOR WALL FINISHES	100
101	MAIL		Н,			0		0				6	$\stackrel{\times}{\hookrightarrow}$	\times	O O	N/	X	$\downarrow \searrow$	0				10'-10"		101
102	OFFICE					Н		0				%	$\stackrel{\times}{\hookrightarrow}$	$\langle \rangle$	•	$\sqrt{}$	X	$\downarrow \searrow$	0				10'-0"		102
103	CONFERENCE)		Н		0				% %	$\langle \rangle$	\times	9	\langle / \rangle	X	$\downarrow \searrow$	0				10'-0"		103
104	COLLECTIONS	0	Ш			Н		0				% %	$\stackrel{\times}{\hookrightarrow}$	\times	$\leftarrow \times$	\times	X	\times	0				10'-10"		104
104A	CONFERENCE	0	Н,			Н		0		0/		00000	$\langle \rangle$	\times	>	\times	X	$\downarrow \searrow$	0				10'-10"		104A
	MANAGER OFFICE)		Н				X	000	%	$\langle \rangle$	\times		%	X	$\downarrow \searrow$	0					INSTALL SALVAGED WOOD BASE	104B
104C	WORKSTATION	0	Ш			Н	K	>						\times		O	X	$\downarrow \sim$	0				10'-10"		104C
104D	WORKSTATION	0				Ш		<u> </u>			•	\ /		\times	C	\o	X	\times	0				10'-10"		104D
105	METER READERS	0				Н		0				⋄ ◇		\times		X	X	X	0				9'-0"		105
106	RESTROOM			()	Н			C			\longleftrightarrow	%	\times	× o	X	X	X	0					REFER TO INTERIOR ELEVATIONS FOR TILE PATTERN	106
107	STORAGE					Н	0				0	\longleftrightarrow	$\langle \rangle$	\times		X	X	Ø				0	12'-1"		107
107A	STORAGE					Ш	0			0.	0	\longleftrightarrow	$\langle \rangle$	\times		X	\times	Ø	+			0	12'-10"		107A
108	WAITING	0				Ш				0		<u>o</u>	\nearrow	\times	\	\bigvee	× o	V \	0				10'-0"		108
109	ELEVATOR LOBBY	0				Ш		_		%)	X	\nearrow	\times			X	X	0				10'-0"		109
109A	CLOSET	0				Ш		0				0	\nearrow	\times	\	\longrightarrow	\times	0	0		_		9'-0"		109A
110	CUSTODIAN		0			Ш		0				\nearrow	\nearrow	\times	\times		X	\times	0		0		9'-0"		110
111	HALL	0	ш			Ш		0				\nearrow	\nearrow	\times	\times		\times	\times			0		VARIES		111
112	HALL	0	ш			Ш		0				\nearrow	\nearrow	\times	\times	\bigvee	\times	\times				0	7'-8"		112
112A	CLOSET		Ш			Ш	0				0	\times	\nearrow	\times		\times	\times	Ø					_		112A
112B	MEZZANINE					Ш						\boxtimes	\searrow	\times		\bigvee	\times	\times					_	NO FINISH WORK — PROVIDE ±32 SF GYP BD PATCH	112B
113	WOMEN					Ш	0				0	\times	\searrow	\times	\times 8	-	\times	\times			0		8'-0"	CLEAN AND SEAL EXISTING TILE FLOOR	113
114	MEN					Ш	0				0	\boxtimes	X	\times	\times	*	\nearrow	X			0		8'-0"	CLEAN AND SEAL EXISTING TILE FLOOR	114
115	HALL	0				Ш		0				\boxtimes	\searrow	\times	X	\bigvee	\times	\times	0				11'-8"		115
116	COURTROOM					Ш			2			X	\longleftrightarrow	\bigotimes		\times	\times	\times	0	0			VARIES	REFER TO INTERIOR ELEVATIONS FOR WALL FINISHES	116
116A	I.T. CLOSET		0			Ш		0				00	\nearrow	\times	000	\bigvee	\times	\times					_	NO CEILING	116A
117	WAITING	0				Ш		0				00	\searrow	O		\ \ \ \	\times	\times	0					REFER TO INTERIOR ELEVATIONS FOR WALL FINISHES	117
117A	CLOSET	0				Ш		0				000	X	\times	00	\bigvee	\times	\times		0			8'-0"		117A
118	HALL	0				Ш		0				%%	X	\times	>	\bigvee	\nearrow	X		0			9'-0"		118
119	WORKSTATIONS	0				Ш		0				%		\times		<u> </u>	X		0		0		9'-11"		119
120	OFFICE		C)		Ш		0				Ø %		\times		\bigvee	X	\bigvee	0				9'-0"		120
121	CORRIDOR		0			Ш		0				%		\times	<u> </u>	\bigvee	X	\bigvee	0				9'-0"		121
122	JUDGE OFFICE)		Ш		0				% %		\times	9	\bigvee	\bigvee	\bigvee	0				9'-0"		122
123	CONFERENCE		0			Ш		0				%	X	\times	%	\bigvee	\bigvee	\bigvee	0				9'-0"		123
124	RESTROOM			()	Ш			C				000	\times		\bigvee	\times	\bigvee	0				9'-0"	REFER TO INTERIOR ELEVATIONS FOR TILE PATTERN	124
125	STORAGE				0	Ш		0				%		\times	\	0			0				9'-0"		125
126	NORTH STAIR		0					0				%	\times	\times	\times	<u> </u>		\bigvee	0				9'-0"		126

architects

SOLKANAVATOBNO, 11G

DRAWING NUMBER

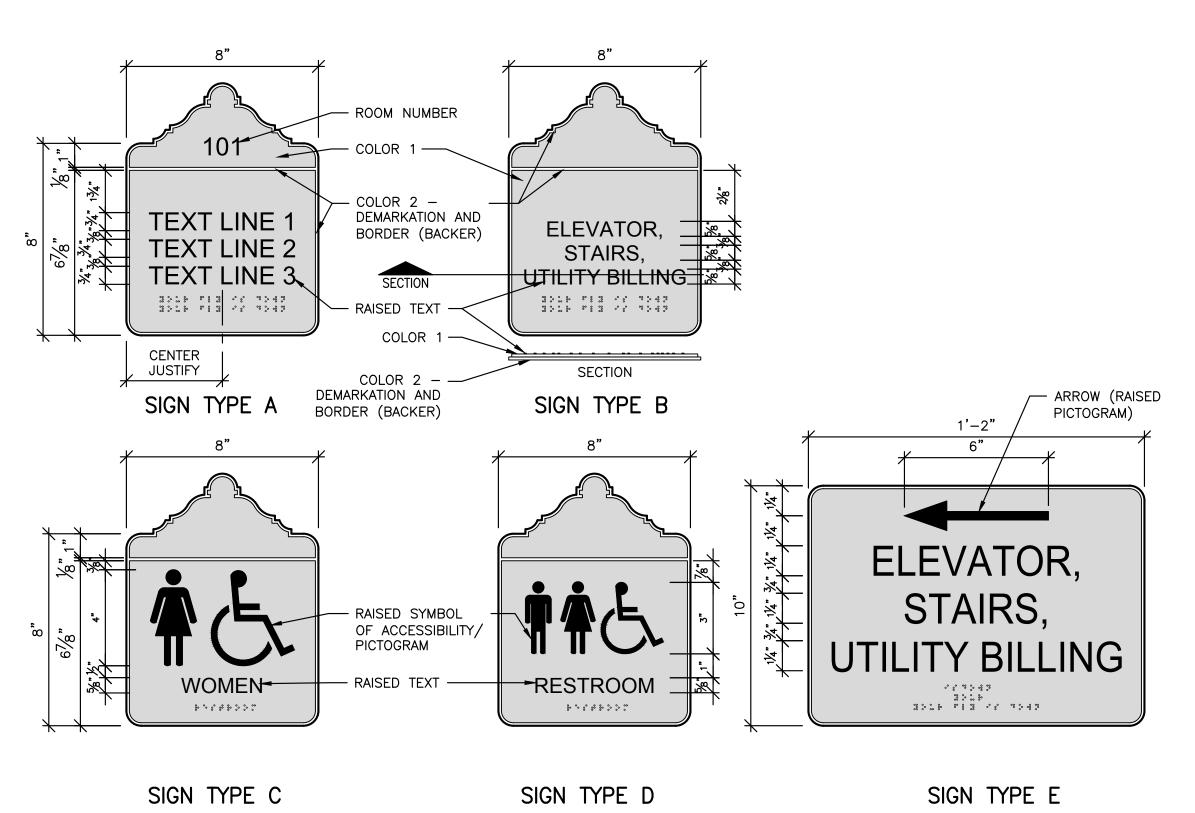
A2.0

OF 33



TYPICAL ROOM SIGN PLACEMENT

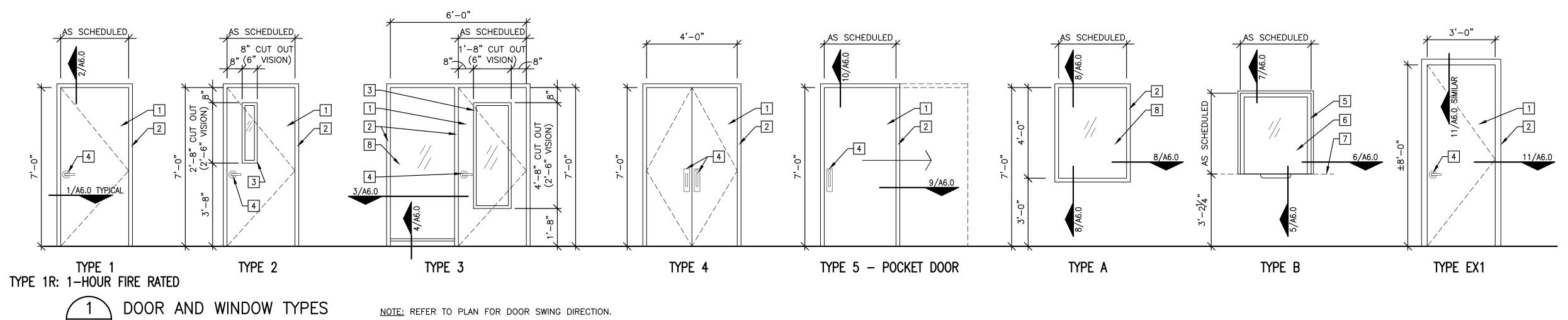
SCALE: NONE



NOTE: REFER TO PLAN FOR DOOR SWING DIRECTION.

INTERIOR SIGN TYPES 2 A2.1 SCALE: NONE

SCALE: NOT TO SCALE



OPENING SCHEDULE

				WI[OTH					HEIG	GHT		THICK		MATE	RIAL		NC).		FRAI TYP	ME PE						
OPENING NO.	ТҮРЕ		9	2'-8" 3'-0"	3'-2"	3'-4"	5,-0,	3'-2"	3'-10"	4,-0,,	6'-8" 7'-0"	8'-0"	\%\ \%\	WOOD - STAINED	EXISTING METAL - PAINT EXISTING WOOD TO BEMAIN	ALUMINUM	OG GOOM (SINGLE	3LE	PRE-FINISHED MEIAL ALUMINUM	EXISTING METAL - PAINT		EXISTING ALUMINUM SALVAGED WOOD FRAME		SIGN TYPE – REFER 2/A2.1	SIGN TEXT (VERIFY WITH OWNER)	REMARKS	OPENING NO.
100	EX			0							0					0			0				0	-		MUNICIPAL COURT ENTRANCE (IS ON 6TH STREET		100
101	1			0							0		0	0				0	(2	Α	MAIL		101
102	2			0							0		0	0				0						1	Α	OFFICE		102
103	2			0							0		0	0				0						3	Α	CONFERENCE		103
104-1	EX			0							0		0		C			0			0			10	Α	EMPLOYEES ONLY		104-1
104-2	EX																						0	_	_	EX	XISTING BULLET RESISTANT TO REMAIN	104-2
104-3	EX																						0	_	-	EX	XISTING BULLET RESISTANT TO REMAIN	104-3
104-4	EX																						0	_	_	EX	XISTING BULLET RESISTANT TO REMAIN	104-4
104-5	EX			0							0		0		C			0			0			7	Α	EMPLOYEES ONLY		104-5
104A	2			0							0		0	0				0)				1		CONFERENCE		104A
104B-1	3			0							0		0	0				0)				1A	Α	MANAGER WI	ITH SIDELIGHT	104B-1
104B-2	А			0						0			0					0)				_	_			104B-2
106	1			0							0		0	0				0)						RESTROOM		106
108	EX			0							0		0		0			0			0			9	Ε	STAIRS, MUNICIPAL COURT (2	SIGNS	108
109A	EX1			0								0	0				0						0	11	Α	STORAGE		109A
110	EX			0							0		0		C			0				0		10	Α	CUSTODIAL		110
111	EX			0							0		0		0			0			0			9	E	ELEVATOR, STAIRS, UTILITY BILLING		111
112A	EX		0								0		0					0				0		10	Α	STORAGE		112A
113	EX			0							0		0					0				0		_	С	WOMEN		113
114	EX			0							0		0					0				0		_	С	MEN		114
115	EX						0				0					0			0				0	_	_			115
116-1	4)				0		0	0					0)				8	_	6" ACRYLIC LETTERING ABOVE ENTRY RE	EFER TO 3/A5.2	116-1
116-2	EX		(0							0		0		C			0				0		11	Α	COURTROOM		116-2
116A	1			0							0		0	0				0)				1	Α	INFORMATION TECHNOLOGY		116A
117	EX			0							0					0		0					0		_			117
117A	1			0							0		0	0				0)				1	_			117A
119-1	1			0					П		0		0	0				0)				5	Α	EMPLOYEES ONLY		119-1
119-2	EX	0						0					0										0	_	_	EX	XISTING BULLET RESISTANT RELOCATED	119-2
119-3	EX					0		0					0										0	_	_	EX	XISTING BULLET RESISTANT RELOCATED	119-3
119-4	EX					0		0					0										0	_	_	EX	XISTING BULLET RESISTANT RELOCATED	119-4
119-5	В					0			0				0							0				_	_	NE	EW BULLET RESISTANT WINDOW	119-5
120-1	3			0							0		0	0				0)				1	Α	MANAGER WI	ITH SIDELIGHT	120-1
120-2	5				0						0		0	0				0)				12	_	SL	LIDING POCKET DOOR	120-2
121-1	1			0							0		0	0				0)				5	В	AUTHORIZED PERSONNEL ONLY		121-1
121-2	2			0							0		0	0				0)				6	В	AUTHORIZED PERSONNEL ONLY 1-	-HOUR FIRE RATED	121-2
122	2			0							0		0	0				0)				1	Α	JUDGE		122
123	2			0							0		0	0				0)				1	Α	CONFERENCE		123
124	1			0							0		0	0				0)				4	D	RESTROOM		124
125	1			0							0		0	0				0)					Α	STORAGE		125
126	EX			0					1 1		0					0		0					0		_			126

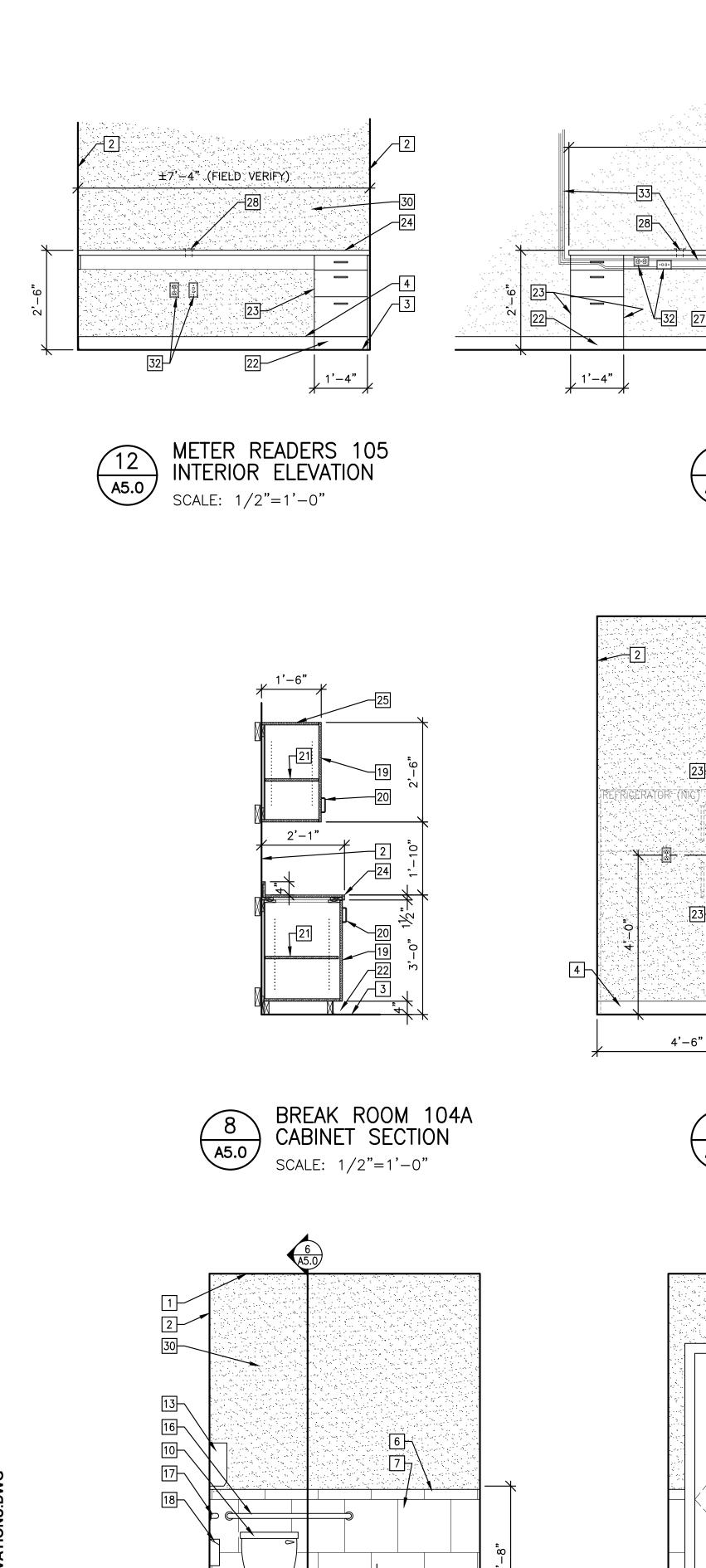
DOOR AND WINDOW TYPE **KEYED NOTES:**

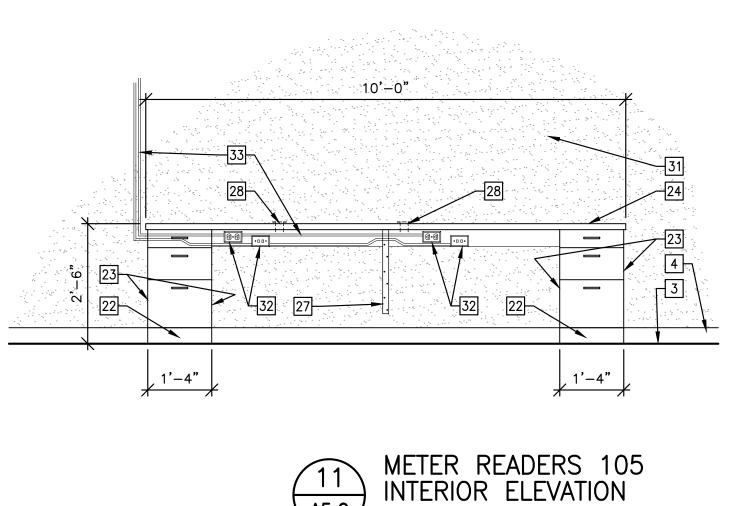
- 1. DOOR MATERIAL/FINISH AS SCHEDULED.
- FRAME MATERIAL/FINISH AS SCHEDULED. GLASS LITE KIT WITH TEMPERED GLASS (TYPE 1).
- 4. HARDWARE AS SCHEDULED.
- BULLET RESISTANT WINDOW FRAME AS SCHEDULED.
- 6. BULLET RESISTANT GLAZING.
- 7. COUNTERTOP REFER TO INTERIOR ELEVATIONS.
- 8. TEMPERED GLASS (TYPE 1).

DRAWING NUMBER **A2.1**

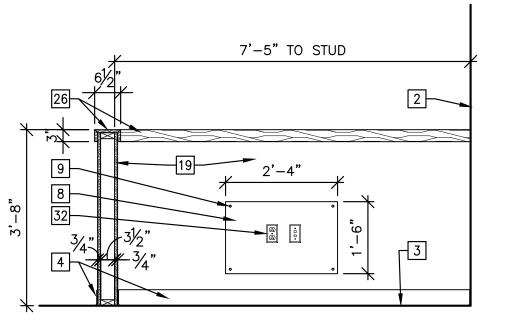
OF 33

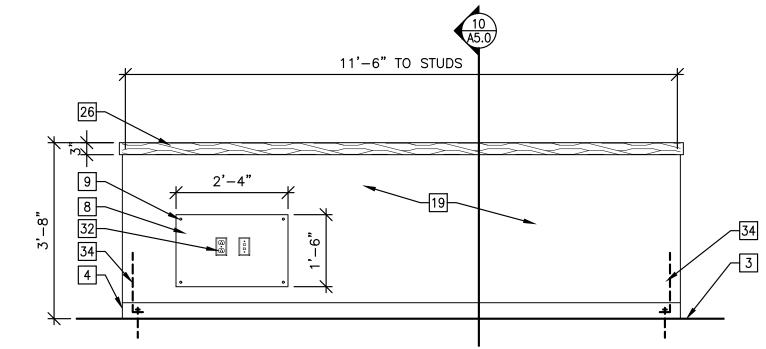
SOLKANIVITOBKO,





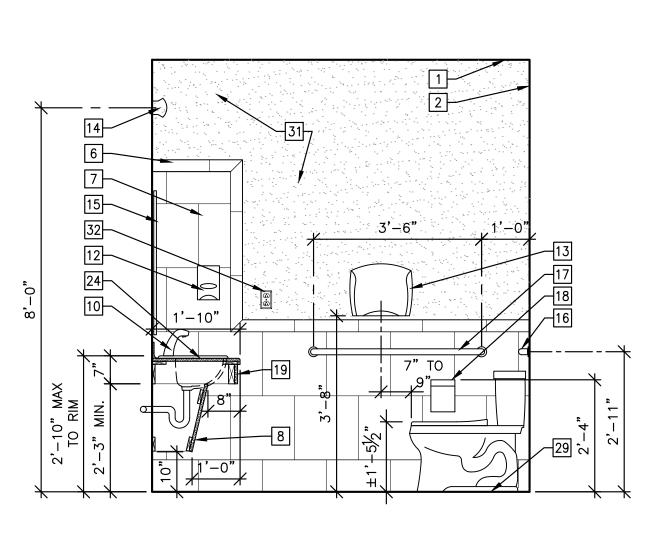
\ A5.0

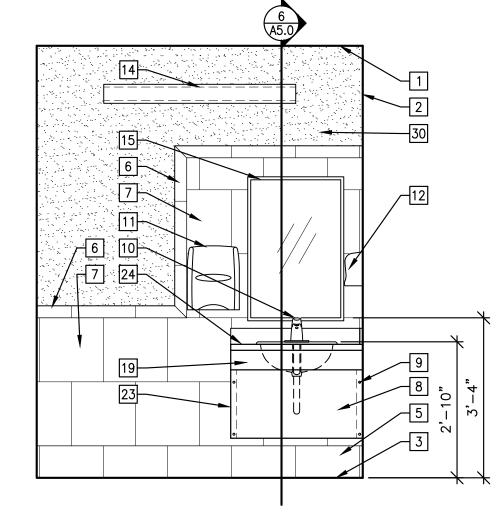














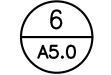
BREAK ROOM 104A INTERIOR ELEVATION SCALE: 1/2"=1'-0"

5'-4"

~ 5'-4"

18" DEEP

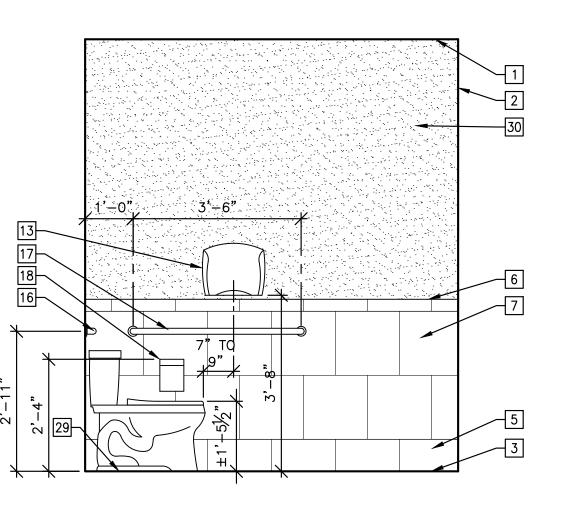
∠ OPEN —



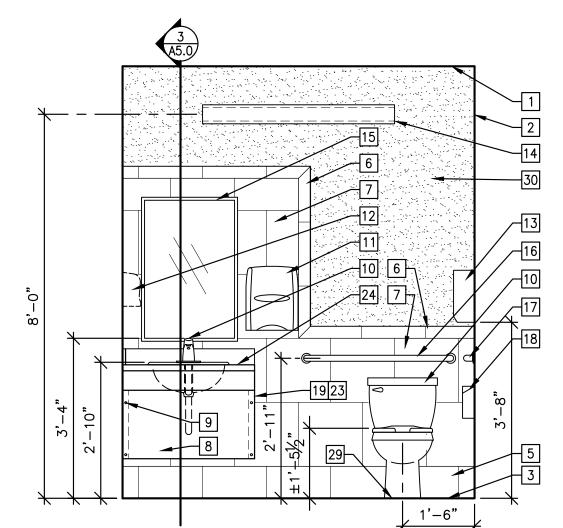
RESTROOM 124 INTERIOR ELEVATION SCALE: 1/2"=1'-0"



RESTROOM 124 INTERIOR ELEVATION SCALE: 1/2"=1'-0"



RESTROOM 106 INTERIOR ELEVATION SCALE: 1/2"=1'-0"



RESTROOM 106 INTERIOR ELEVATION SCALE: 1/2"=1'-0"



<u>a</u>

GENERAL NOTES

- A. REFER TO SHEET A2.1 FOR DOOR SCHEDULE AND DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN
- PLACEMENT TYPICAL UNLESS NOTED OTHERWISE.
- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW LOCATIONS.
- WALL FINISHES SHALL BE CONTINUOUS BEHIND
- TOILET ACCESSORIES, PLUMBING FIXTURES, ETC. VERIFY EXACT ROUTING OF SURFACE-MOUNTED
- CONDUIT WITH ARCHITECT. G. FURNITURE/EQUIPMENT INDICATED WITH
- HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY NOT IN CONTRACT.

KEYED NOTES:

(THIS SHEET ONLY)

- 1. FINISH CEILING LINE. 2. FINISH WALL LINE.
- 3. FINISH FLOOR LINE.
- 4. WALL BASE AS SCHEDULED.
- 5. 8" CERAMIC TILE BASE CUT FROM 8" X 16".
- 6. BULLNOSE TILE 3" X 16".
- 7. CERAMIC WALL TILE- 16" X 16"
- REMOVABLE ACCESS PANEL ANCHORED TO SOLID WOOD BLOCKING MATCH ADJACENT MATERIAL THICKNESS/FINISH.
- 9. STAINLESS STEEL SCREWS WITH STAINLESS STEEL CUP WASHERS.
- 10. PLUMBING FIXTURE REFER TO PLUMBING DRAWINGS.
- 11. PAPER TOWEL (TA-5) DISPENSER OWNER FURNISHED, CONTRACTOR INSTALLED. MOUNT 42" A.F.F. MAX TO PAPER OUTLET.
- 12. SOAP (TA-6) DISPENSER OWNER FURNISHED, CONTRACTOR INSTALLED. MOUNT 48" A.F.F. MAX TO
- 13. TOILET TISSUE DISPENSER (TA-4) OWNER FURNISHED,
- CONTRACTOR INSTALLED.
- 14. LIGHTING FIXTURE AS SCHEDULED.
- 15. 24" X 36" MIRROR (TA-1) MOUNT BOTTOM OF REFLECTIVE SURFACE AT 40" A.F.F.
- 16. 36" LONG GRAB BAR (TA-2), MOUNTED 6" FROM SIDE WALL WITH CENTERLINE AT 35" A.F.F.
- 17. 42" LONG GRAB BAR (TA-3) MOUNTED 12" FROM BACK
- WALL WITH CENTERLINE AT 35" AF.F. 18. SANITARY NAPKIN DISPOSAL - MOUNT AT 28" A.F.F. TO
- 19. PLASTIC LAMINATE CLAD CASEWORK, INCLUDING DOORS, DRAWERS, BOTTOMS AND ALL EXPOSED TO VIEW
- 20. DRAWER/DOOR PULL-TYPICAL.
- 21. ADJUSTABLE SHELF, 3/4" THICK. 22. TOEBOARD, RECESS 3" WITH 4" HIGH RESILIENT BASE INSTALL 1/4" BACKUP BOARD BEHIND BASE AS NEEDED WHERE GAP BETWEEN BASE AND FLOOR EXCEEDS 1/4".
- 23. FINISHED END.
- 24. PLASTIC LAMINATE COUNTERTOP, EDGES AND 4"
- INTEGRAL COVED BACKSPLASH (WHERE INDICATED). 25. PROVIDE FINISHED TOPS ON UPPER CABINETS.
- 26. 1X TOP CAP STAINED FINISH.
- 27. STEEL SURFACE-MOUNTED WORK STATION BRACKET -A&M HARDWARE (www.aandmhardware.com) 21"X21"
- 28. 2"Ø PLASTIC WIRE MANAGEMENT GROMMET FIELD VERIFY EXACT LOCATION.
- 29. SEALANT.
- 30. NEW GYPSUM BOARD PAINT.
- 31. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND PAINT.
- 32. ELECTRICAL/DATA DEVICE REFER TO ELECTRICAL.
- 33. SURFACE MOUNTED "WIREMOLD" CONDUIT VERIFY EXACT ROUTING WITH ARCHITECT. COLOR TO MATCH
- 34. SIMPSON TIE HTT4. EPOXY SET ANCHOR BOLT TO EXISTING CONCRETE SLAB.



DRAWING NUMBER

A5.0

DATE: 10/30/17

, 1'-6"

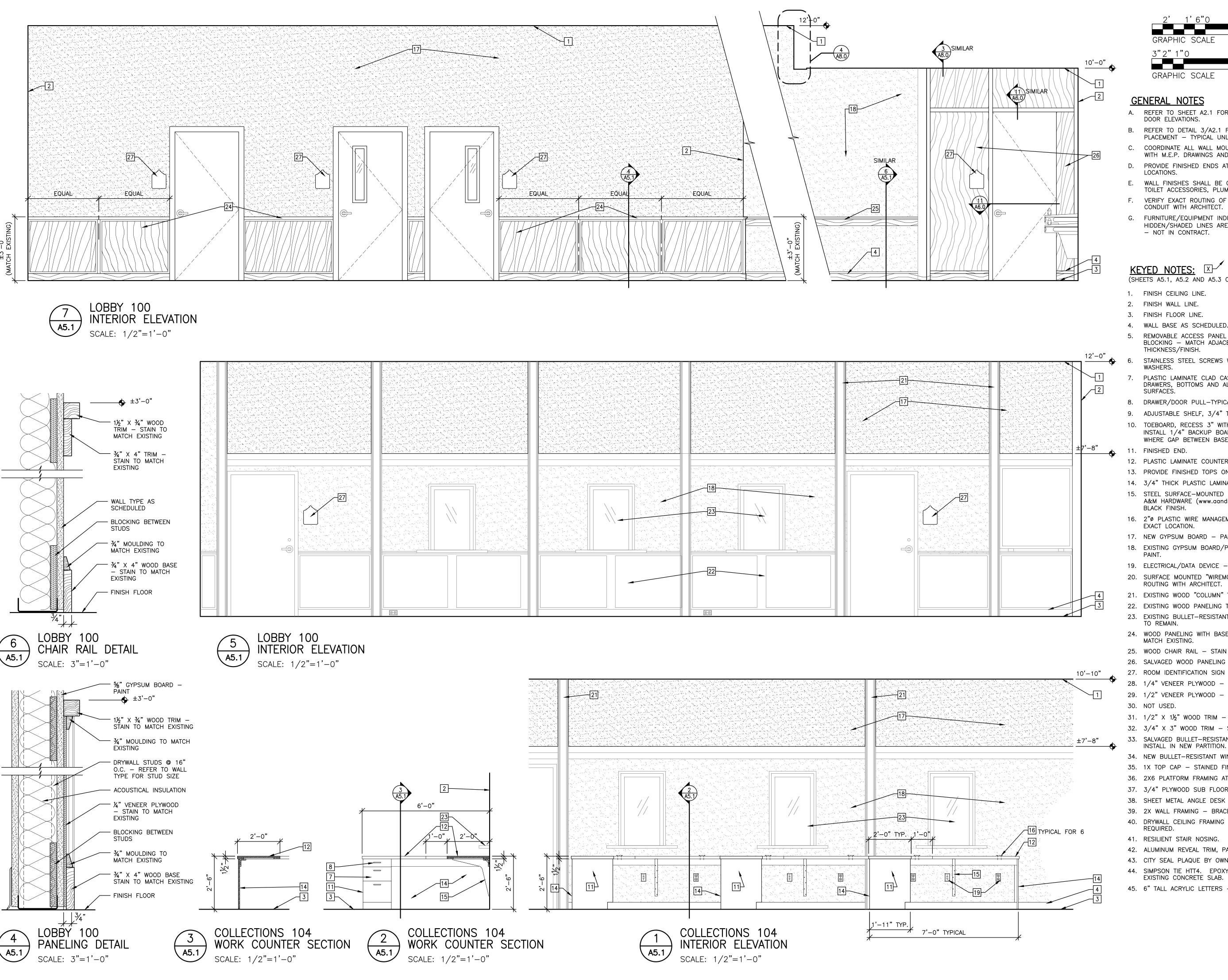
RESTROOM 124 INTERIOR ELEVATION SCALE: 1/2"=1'-0"

RESTROOM 106 INTERIOR ELEVATION SCALE: 1/2"=1'-0"

KINGSVILLE AL BUILDING OR RENOVATION VENUE, KINGSVILLE, TEXAS

OF 33

COMM. NO.: 1609



3"2"1"0 GRAPHIC SCALE 3" = 1'-0"

GENERAL NOTES

- A. REFER TO SHEET A2.1 FOR DOOR SCHEDULE AND DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN PLACEMENT - TYPICAL UNLESS NOTED OTHERWISE.
- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW LOCATIONS.
- WALL FINISHES SHALL BE CONTINUOUS BEHIND TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.
- F. VERIFY EXACT ROUTING OF SURFACE-MOUNTED CONDUIT WITH ARCHITECT.
- G. FURNITURE/EQUIPMENT INDICATED WITH
- HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY NOT IN CONTRACT.

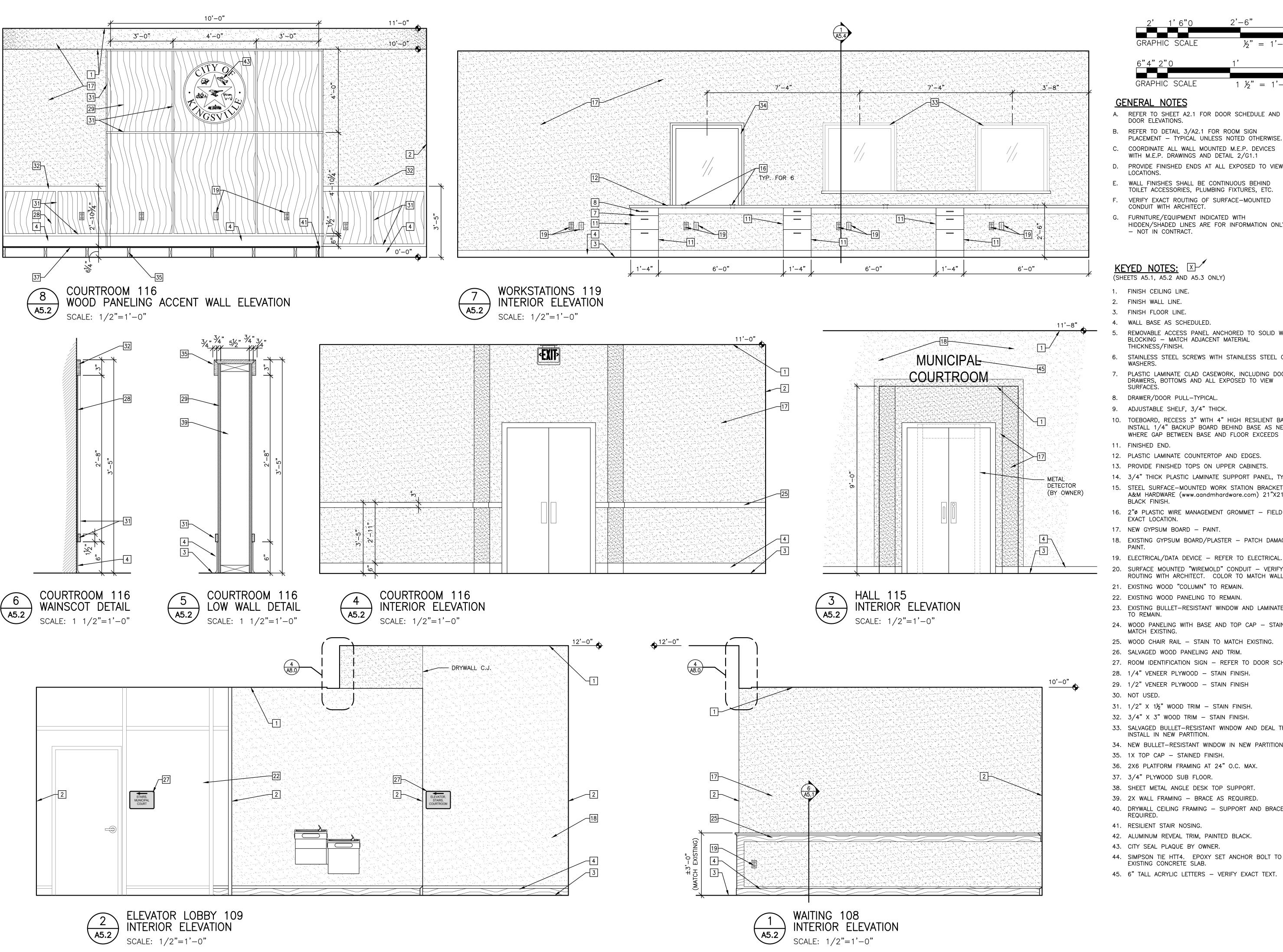


- 1. FINISH CEILING LINE.
- 2. FINISH WALL LINE.
- FINISH FLOOR LINE.
- 4. WALL BASE AS SCHEDULED.
- 5. REMOVABLE ACCESS PANEL ANCHORED TO SOLID WOOD BLOCKING - MATCH ADJACENT MATERIAL THICKNESS/FINISH.
- STAINLESS STEEL SCREWS WITH STAINLESS STEEL CUP
- PLASTIC LAMINATE CLAD CASEWORK, INCLUDING DOORS, DRAWERS, BOTTOMS AND ALL EXPOSED TO VIEW
- 8. DRAWER/DOOR PULL-TYPICAL
- 9. ADJUSTABLE SHELF, 3/4" THICK.
- 10. TOEBOARD, RECESS 3" WITH 4" HIGH RESILIENT BASE. INSTALL 1/4" BACKUP BOARD BEHIND BASE AS NEEDED WHERE GAP BETWEEN BASE AND FLOOR EXCEEDS 1/4".
- 12. PLASTIC LAMINATE COUNTERTOP AND EDGES.
- 13. PROVIDE FINISHED TOPS ON UPPER CABINETS.
- 14. 3/4" THICK PLASTIC LAMINATE SUPPORT PANEL, TYPICAL.
- 15. STEEL SURFACE-MOUNTED WORK STATION BRACKET -A&M HARDWARE (www.aandmhardware.com) 21"X21"
- 16. 2"Ø PLASTIC WIRE MANAGEMENT GROMMET FIELD VERIFY EXACT LOCATION.
- 17. NEW GYPSUM BOARD PAINT.
- 18. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND
- 19. ELECTRICAL/DATA DEVICE REFER TO ELECTRICAL.
- 20. SURFACE MOUNTED "WIREMOLD" CONDUIT VERIFY EXACT ROUTING WITH ARCHITECT. COLOR TO MATCH WALL.
- 21. EXISTING WOOD "COLUMN" TO REMAIN.
- 22. EXISTING WOOD PANELING TO REMAIN.
- 23. EXISTING BULLET-RESISTANT WINDOW AND LAMINATE SHELF TO REMAIN.
- 24. WOOD PANELING WITH BASE AND TOP CAP STAIN TO MATCH EXISTING.
- 25. WOOD CHAIR RAIL STAIN TO MATCH EXISTING.
- 26. SALVAGED WOOD PANELING AND TRIM.
- 27. ROOM IDENTIFICATION SIGN REFER TO DOOR SCHEDULE. 28. 1/4" VENEER PLYWOOD - STAIN FINISH.
- 29. 1/2" VENEER PLYWOOD STAIN FINISH
- 31. 1/2" X $1\frac{1}{2}$ " WOOD TRIM STAIN FINISH.
- 32. 3/4" X 3" WOOD TRIM STAIN FINISH.
- 33. SALVAGED BULLET-RESISTANT WINDOW AND DEAL TRAY
- 34. NEW BULLET-RESISTANT WINDOW IN NEW PARTITION.
- 35. 1X TOP CAP STAINED FINISH.
- 36. 2X6 PLATFORM FRAMING AT 24" O.C. MAX.
- 37. 3/4" PLYWOOD SUB FLOOR.
- 38. SHEET METAL ANGLE DESK TOP SUPPORT.
- 39. 2X WALL FRAMING BRACE AS REQUIRED. 40. DRYWALL CEILING FRAMING - SUPPORT AND BRACE AS
- 41. RESILIENT STAIR NOSING.
- 42. ALUMINUM REVEAL TRIM, PAINTED BLACK.
- 43. CITY SEAL PLAQUE BY OWNER.
- 44. SIMPSON TIE HTT4. EPOXY SET ANCHOR BOLT TO EXISTING CONCRETE SLAB.
- 45. 6" TALL ACRYLIC LETTERS VERIFY EXACT TEXT.

DRAWING NUMBER **A5.1**

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OF 33



GRAPHIC SCALE

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GENERAL NOTES

- DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN PLACEMENT - TYPICAL UNLESS NOTED OTHERWISE.
- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW
- WALL FINISHES SHALL BE CONTINUOUS BEHIND TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.
- F. VERIFY EXACT ROUTING OF SURFACE-MOUNTED
- G. FURNITURE/EQUIPMENT INDICATED WITH HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY

KEYED NOTES:

- (SHEETS A5.1, A5.2 AND A5.3 ONLY)
- 2. FINISH WALL LINE.
- 3. FINISH FLOOR LINE.
- 4. WALL BASE AS SCHEDULED.
- REMOVABLE ACCESS PANEL ANCHORED TO SOLID WOOD BLOCKING - MATCH ADJACENT MATERIAL
- THICKNESS/FINISH. STAINLESS STEEL SCREWS WITH STAINLESS STEEL CUP
- 7. PLASTIC LAMINATE CLAD CASEWORK, INCLUDING DOORS,
- DRAWERS, BOTTOMS AND ALL EXPOSED TO VIEW SURFACES.
- 9. ADJUSTABLE SHELF, 3/4" THICK.
- 10. TOEBOARD, RECESS 3" WITH 4" HIGH RESILIENT BASE INSTALL 1/4" BACKUP BOARD BEHIND BASE AS NEEDED WHERE GAP BETWEEN BASE AND FLOOR EXCEEDS 1/4".
- 11. FINISHED END.
- 12. PLASTIC LAMINATE COUNTERTOP AND EDGES.
- 13. PROVIDE FINISHED TOPS ON UPPER CABINETS.
- 14. 3/4" THICK PLASTIC LAMINATE SUPPORT PANEL, TYPICAL. 15. STEEL SURFACE-MOUNTED WORK STATION BRACKET -A&M HARDWARE (www.aandmhardware.com) 21"X21"
- 16. 2"Ø PLASTIC WIRE MANAGEMENT GROMMET FIELD VERIFY
- EXACT LOCATION.
- 17. NEW GYPSUM BOARD PAINT.
- 18. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND
- 19. ELECTRICAL/DATA DEVICE REFER TO ELECTRICAL.
- 20. SURFACE MOUNTED "WIREMOLD" CONDUIT VERIFY EXACT ROUTING WITH ARCHITECT. COLOR TO MATCH WALL.
- 21. EXISTING WOOD "COLUMN" TO REMAIN.
- 22. EXISTING WOOD PANELING TO REMAIN.
- 23. EXISTING BULLET-RESISTANT WINDOW AND LAMINATE SHELF TO REMAIN.
- 24. WOOD PANELING WITH BASE AND TOP CAP STAIN TO MATCH EXISTING.
- 25. WOOD CHAIR RAIL STAIN TO MATCH EXISTING.
- 26. SALVAGED WOOD PANELING AND TRIM.
- 27. ROOM IDENTIFICATION SIGN REFER TO DOOR SCHEDULE.
- 28. 1/4" VENEER PLYWOOD STAIN FINISH.
- 29. 1/2" VENEER PLYWOOD STAIN FINISH
- 31. 1/2" X $1\frac{1}{2}$ " WOOD TRIM STAIN FINISH.
- 32. 3/4" X 3" WOOD TRIM STAIN FINISH.
- 33. SALVAGED BULLET-RESISTANT WINDOW AND DEAL TRAY INSTALL IN NEW PARTITION.
- 34. NEW BULLET-RESISTANT WINDOW IN NEW PARTITION.
- 35. 1X TOP CAP STAINED FINISH.
- 36. 2X6 PLATFORM FRAMING AT 24" O.C. MAX.
- 37. 3/4" PLYWOOD SUB FLOOR.
- 38. SHEET METAL ANGLE DESK TOP SUPPORT.
- 39. 2X WALL FRAMING BRACE AS REQUIRED.
- 40. DRYWALL CEILING FRAMING SUPPORT AND BRACE AS REQUIRED.
- 41. RESILIENT STAIR NOSING.
- 42. ALUMINUM REVEAL TRIM, PAINTED BLACK.
- 43. CITY SEAL PLAQUE BY OWNER.
- 44. SIMPSON TIE HTT4. EPOXY SET ANCHOR BOLT TO EXISTING CONCRETE SLAB.
- 45. 6" TALL ACRYLIC LETTERS VERIFY EXACT TEXT.

DRAWING NUMBER **A5.2**

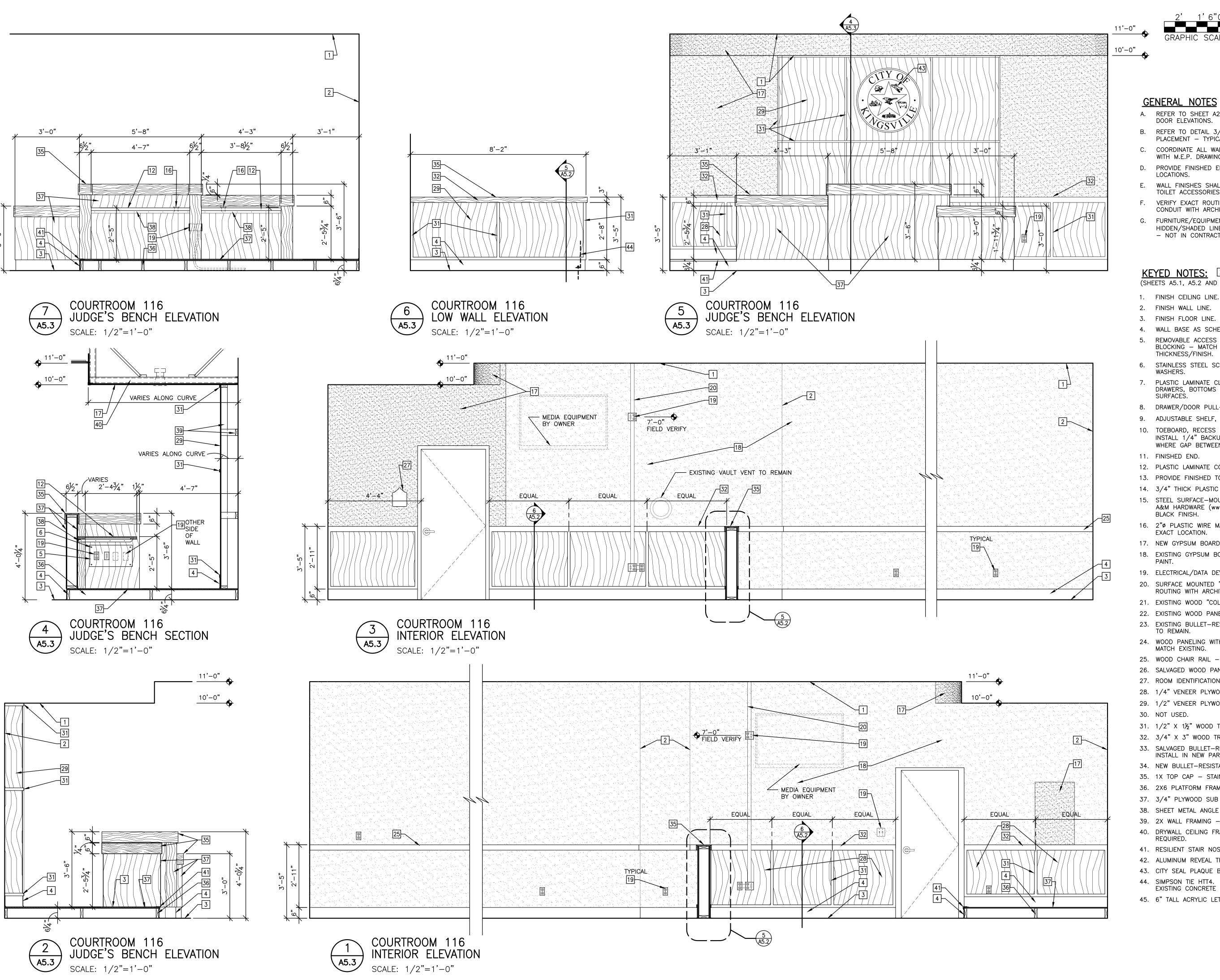
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DATE: 10/30/17

OF 33

COMM. NO.: 1609



GENERAL NOTES

- A. REFER TO SHEET A2.1 FOR DOOR SCHEDULE AND DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN PLACEMENT - TYPICAL UNLESS NOTED OTHERWISE.

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- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW LOCATIONS.
- WALL FINISHES SHALL BE CONTINUOUS BEHIND
- TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.
- F. VERIFY EXACT ROUTING OF SURFACE-MOUNTED CONDUIT WITH ARCHITECT.
- G. FURNITURE/EQUIPMENT INDICATED WITH HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY NOT IN CONTRACT.

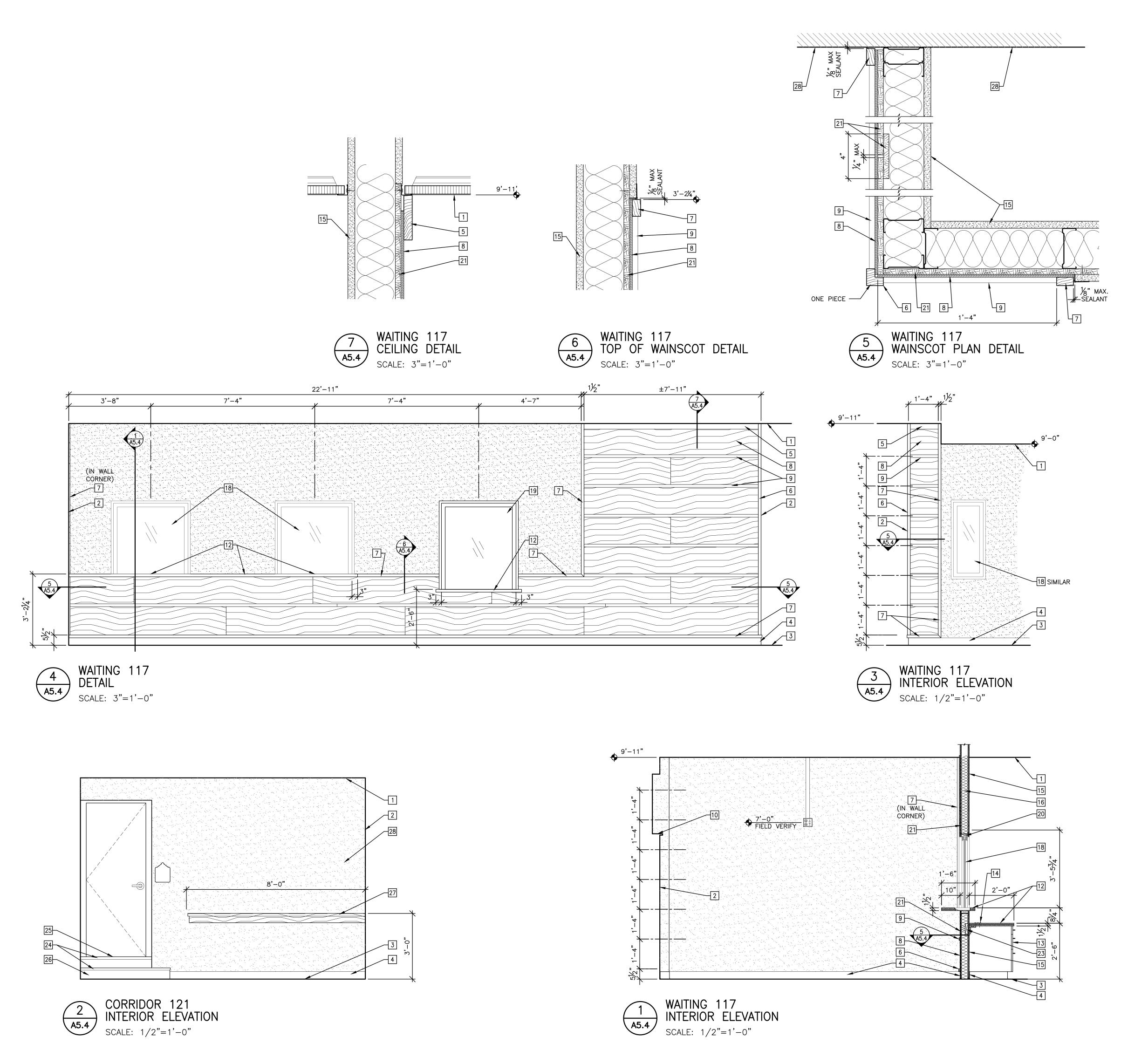
KEYED NOTES:

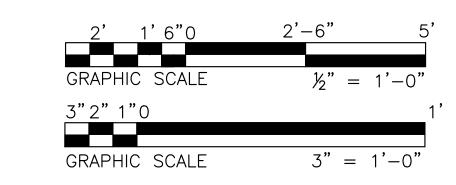
- (SHEETS A5.1, A5.2 AND A5.3 ONLY)
- 2. FINISH WALL LINE.
- 3. FINISH FLOOR LINE.
- 4. WALL BASE AS SCHEDULED.
- 5. REMOVABLE ACCESS PANEL ANCHORED TO SOLID WOOD BLOCKING MATCH ADJACENT MATERIAL THICKNESS/FINISH.
- 6. STAINLESS STEEL SCREWS WITH STAINLESS STEEL CUP
- 7. PLASTIC LAMINATE CLAD CASEWORK, INCLUDING DOORS, DRAWERS, BOTTOMS AND ALL EXPOSED TO VIEW SURFACES.
- 8. DRAWER/DOOR PULL-TYPICAL
- 9. ADJUSTABLE SHELF, 3/4" THICK.
- 10. TOEBOARD, RECESS 3" WITH 4" HIGH RESILIENT BASE. INSTALL 1/4" BACKUP BOARD BEHIND BASE AS NEEDED WHERE GAP BETWEEN BASE AND FLOOR EXCEEDS 1/4".
- 11. FINISHED END.
- 12. PLASTIC LAMINATE COUNTERTOP AND EDGES.
- 13. PROVIDE FINISHED TOPS ON UPPER CABINETS.
- 14. 3/4" THICK PLASTIC LAMINATE SUPPORT PANEL, TYPICAL.
- 15. STEEL SURFACE-MOUNTED WORK STATION BRACKET -A&M HARDWARE (www.aandmhardware.com) 21"X21" BLACK FINISH.
- 16. 2"Ø PLASTIC WIRE MANAGEMENT GROMMET FIELD VERIFY EXACT LOCATION.
- 17. NEW GYPSUM BOARD PAINT.
- 18. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND
- 19. ELECTRICAL/DATA DEVICE REFER TO ELECTRICAL.
- 20. SURFACE MOUNTED "WIREMOLD" CONDUIT VERIFY EXACT ROUTING WITH ARCHITECT. COLOR TO MATCH WALL.
- 21. EXISTING WOOD "COLUMN" TO REMAIN.
- 22. EXISTING WOOD PANELING TO REMAIN.
- 23. EXISTING BULLET-RESISTANT WINDOW AND LAMINATE SHELF TO REMAIN.
- 24. WOOD PANELING WITH BASE AND TOP CAP STAIN TO MATCH EXISTING.
- 25. WOOD CHAIR RAIL STAIN TO MATCH EXISTING.
- 26. SALVAGED WOOD PANELING AND TRIM.
- 27. ROOM IDENTIFICATION SIGN REFER TO DOOR SCHEDULE.
- 28. 1/4" VENEER PLYWOOD STAIN FINISH.
- 29. 1/2" VENEER PLYWOOD STAIN FINISH
- 30. NOT USED.
- 31. 1/2" X $1\frac{1}{2}$ " WOOD TRIM STAIN FINISH.
- 32. 3/4" X 3" WOOD TRIM STAIN FINISH.
- 33. SALVAGED BULLET-RESISTANT WINDOW AND DEAL TRAY INSTALL IN NEW PARTITION.
- 34. NEW BULLET-RESISTANT WINDOW IN NEW PARTITION.
- 35. 1X TOP CAP STAINED FINISH.
- 36. 2X6 PLATFORM FRAMING AT 24" O.C. MAX.
- 37. 3/4" PLYWOOD SUB FLOOR.
- 38. SHEET METAL ANGLE DESK TOP SUPPORT.
- 39. 2X WALL FRAMING BRACE AS REQUIRED.
- 40. DRYWALL CEILING FRAMING SUPPORT AND BRACE AS REQUIRED.
- 41. RESILIENT STAIR NOSING.
- 42. ALUMINUM REVEAL TRIM, PAINTED BLACK.
- 43. CITY SEAL PLAQUE BY OWNER.
- 44. SIMPSON TIE HTT4. EPOXY SET ANCHOR BOLT TO EXISTING CONCRETE SLAB.
- 45. 6" TALL ACRYLIC LETTERS VERIFY EXACT TEXT.

DRAWING NUMBER

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A5.3 OF 33





GENERAL NOTES

- A. REFER TO SHEET A2.1 FOR DOOR SCHEDULE AND DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN PLACEMENT - TYPICAL UNLESS NOTED OTHERWISE.
- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW LOCATIONS.
- E. WALL FINISHES SHALL BE CONTINUOUS BEHIND TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.
- F. VERIFY EXACT ROUTING OF SURFACE-MOUNTED CONDUIT WITH ARCHITECT.
- G. FURNITURE/EQUIPMENT INDICATED WITH HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY — NOT IN CONTRACT.

KEYED NOTES: (SHEETS A5.4 ONLY)

- 1. FINISH CEILING LINE.
- 2. FINISH WALL LINE. 3. FINISH FLOOR LINE.
- 4. BASE AS SCHEDULED.
- 5. 3/4" x 4" WOOD TRIM STAIN FINISH. 6. 1½" X 1½" WOOD TRIM - STAIN FINISH.
- 7. 3/4" X $1\frac{1}{2}$ " WOOD TRIM STAIN FINISH.
- 8. 1/4" VENEER PLYWOOD WOOD PANELING STAIN FINISH. STAGGER END JOINTS AS INDICATED.
- 9. 1/2" X 1½" WOOD TRIM STAIN FINISH. STAGGER END JOINTS AS INDICATED.
- 10. EXISTING WOOD WINDOW SILL TO REMAIN PAINT
- 11. EXISTING WOOD PANELING AT WINDOW HEAD AND JAMBS TO REMAIN — PAINT FINISH.
- 12. PLASTIC LAMINATE COUNTERTOP AND EDGES.
- 13. PLASTIC LAMINATE CLAD CASEWORK, INCLUDING DOORS, DRAWERS, BOTTOMS AND ALL EXPOSED TO VIEW
- 14. 2"Ø PLASTIC WIRE MANAGEMENT GROMMET FIELD VERIFY EXACT LOCATION.
- 15. NEW DRYWALL PARTITION PAINT REFER TO A1.0 FOR TYPE.
- 16. ACOUSTICAL BATT INSULATION TO CEILING LEVEL.
- 17. ELECTRICAL/DATA DEVICE REFER TO ELECTRICAL.
- 18. SALVAGED BULLET-RESISTANT WINDOW AND DEAL TRAY-INSTALL IN NEW PARTITION.
- 19. NEW BULLET-RESISTANT WINDOW AND DEAL TRAY IN NEW PARTITION.
- 20. SOLID WOOD BLOCKING IN WALL AT HEAD, JAMB AND SILL TYPICAL.
- 21. BULLET-RESISTANT COMPOSITE PANEL UP TO CEILING
- 22. NOT USED.
- 23. PROVIDE CONTINUOUS BLOCKING IN WALL FOR COUNTERTOP CLEATS.
- 24. RESILIENT STAIR NOSING.
- 25. EXISTING STEP.
- 26. 2X6 PLATFORM FRAMING @ 16" O.C. WITH 3/4" PLYWOOD SUB FLOOR TOP.
- 27. WOOD CHAIR RAIL REFER TO 6/A5.1 (SIMILAR). PAINT FINISH.
- 28. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND PAINT.
- 29. SOLID WOOD BLOCKING/FURRING STRIPS. USE EXISTING FURRING IF POSSIBLE.



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DRAWING NUMBER

A5.4

OF 33



EXISTING RAMP ELEVATION
SCALE: 1/2"=1'-0'



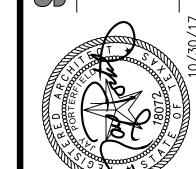
GRAPHIC SCALE 3"2"1"0 3" = 1'-0"GRAPHIC SCALE

GENERAL NOTES

- A. REFER TO SHEET A2.1 FOR DOOR SCHEDULE AND DOOR ELEVATIONS.
- B. REFER TO DETAIL 3/A2.1 FOR ROOM SIGN PLACEMENT - TYPICAL UNLESS NOTED OTHERWISE.
- C. COORDINATE ALL WALL MOUNTED M.E.P. DEVICES WITH M.E.P. DRAWINGS AND DETAIL 2/G1.1
- D. PROVIDE FINISHED ENDS AT ALL EXPOSED TO VIEW LOCATIONS.
- E. WALL FINISHES SHALL BE CONTINUOUS BEHIND TOILET ACCESSORIES, PLUMBING FIXTURES, ETC.
- F. VERIFY EXACT ROUTING OF SURFACE-MOUNTED
- CONDUIT WITH ARCHITECT.
- G. FURNITURE/EQUIPMENT INDICATED WITH HIDDEN/SHADED LINES ARE FOR INFORMATION ONLY NOT IN CONTRACT.

KEYED NOTES: (SHEETS A5.5 ONLY)

- 1. FINISH CEILING LINE.
- 2. FINISH WALL LINE.
- 3. FINISH FLOOR LINE.
- 4. 4" BASE AS SCHEDULED.
- 5. EXISTING POST TO REMAIN PREPARE AND PAINT POST AND MOUNTING BRACKET.
- 6. EXISTING WOOD RAILING TO REMAIN PREPARE AND
- 7. NEW 1½" STEEL PIPE HANDRAIL ON TOP OF EXISTING WOOD RAILING - PAINT FINISH.
- 8. 1/2" VENEER PLYWOOD WOOD PANELING STAIN
- FINISH. STAGGER END JOINTS AS INDICATED.
- 9. 1/2" X 1½" WOOD TRIM STAIN FINISH. STAGGER END JOINTS AS INDICATED.
- 10. EXISTING GYPSUM BOARD/PLASTER PATCH DAMAGE AND PAINT.
- 11. EXISTING STEP PROVIDE NEW VINYL NOSING.
- 12. 6" RESILIENT BASE.
- 13. 3/8" ROD WELDED TO 1/8" X 1" X 3" STEEL PLATE. CONTRACTOR'S OPTION: WELDED ROD TO PIPE OR BOLT TO PIPE WITH SADDLE PLATE.
- 14. EXISTING DOOR OPERATOR PUSH BUTTON TO REMAIN.
- 15. EXISTING WOOD BLOCKING BETWEEN POSTS.
- 16. #12 X 1¼" SCREWS, STAGGERED.



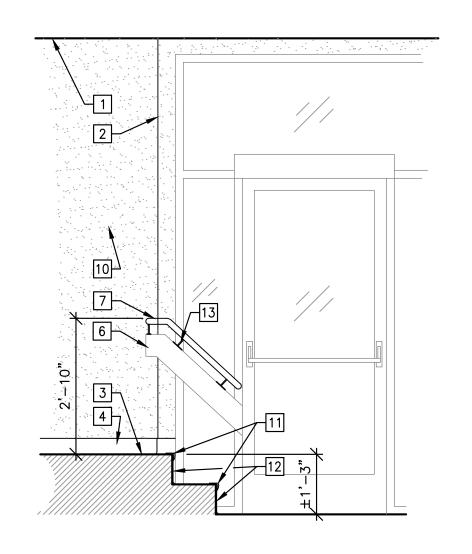
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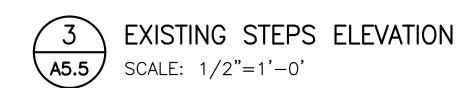
NO. DATE **4/12/17**

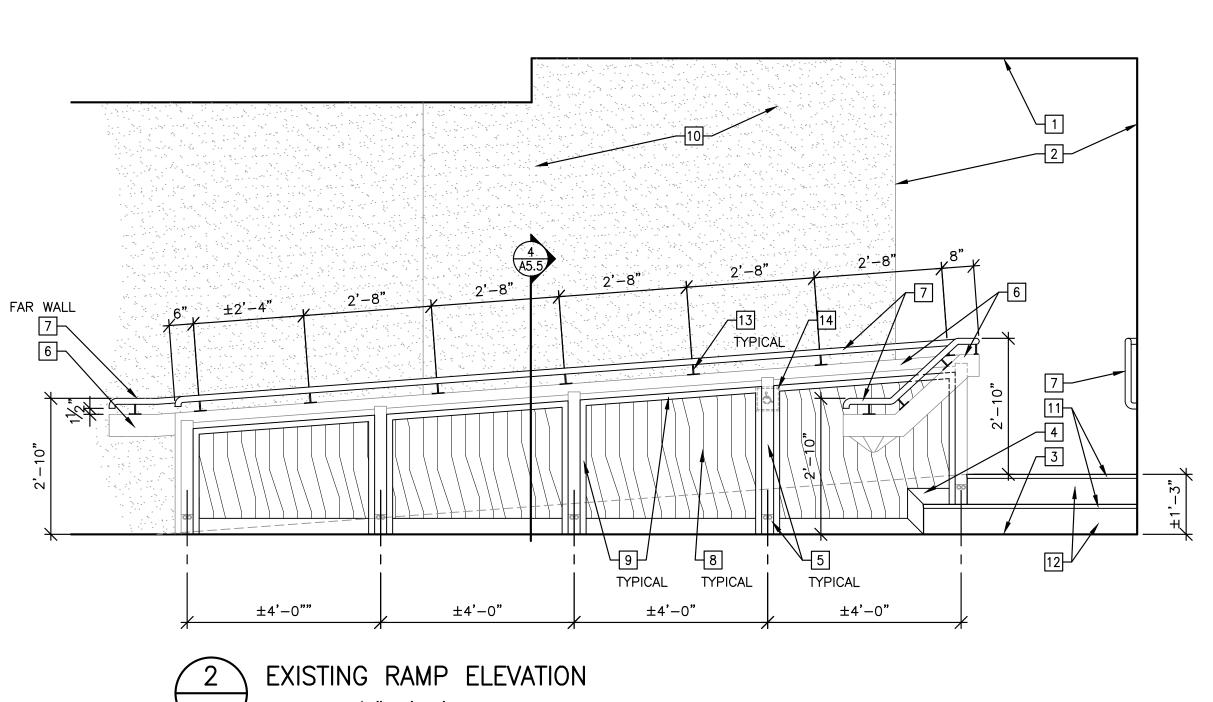
DRAWING NUMBER

A5.5 OF 33

DATE: 10/30/17 COMM. NO.: 1609





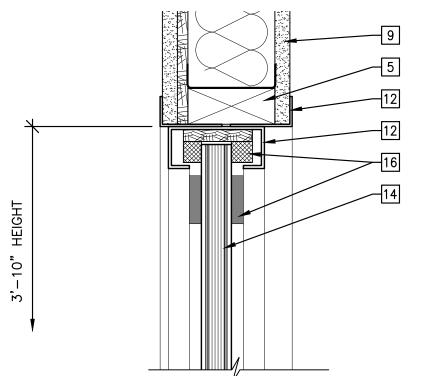


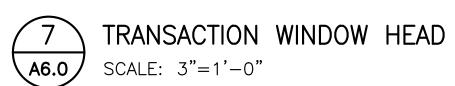


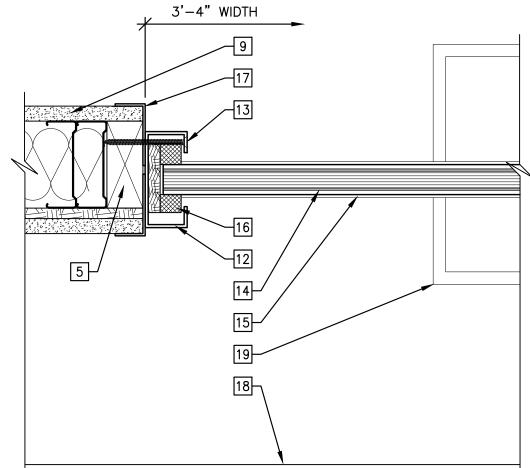
ENLARGED EXISTING RAMP PLAN
SCALE: 1/2"=1'-0'

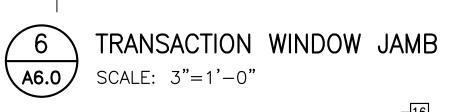
TYPICAL

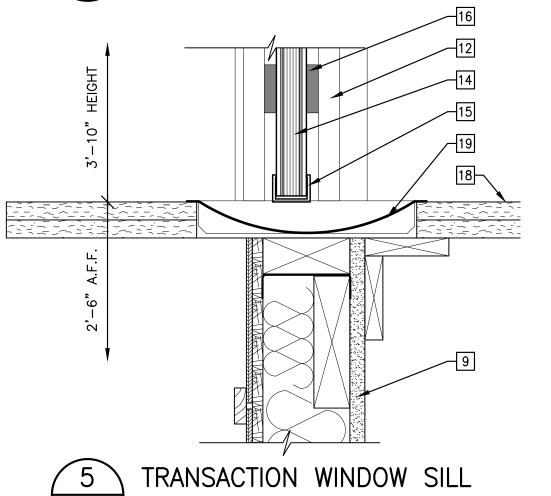
HALL 118

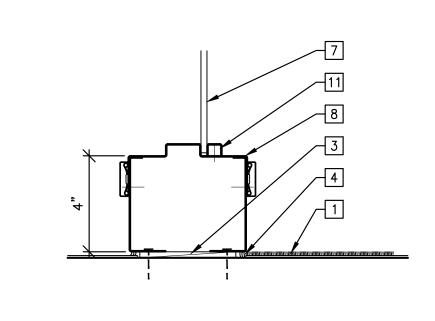




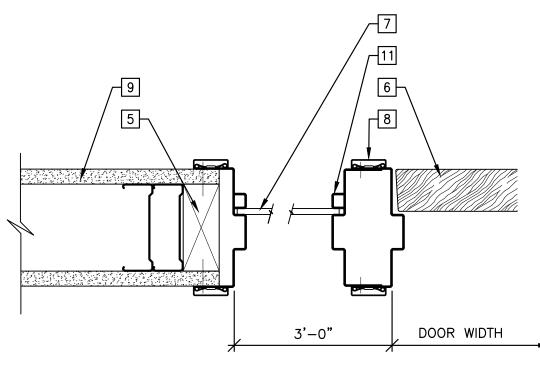














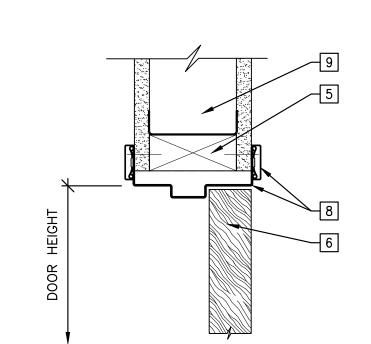
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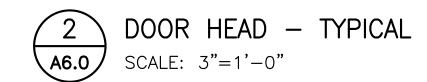
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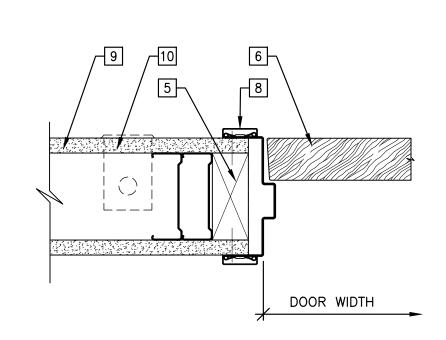
- 1. FLOOR FINISH AS SCHEDULED.
- 2. BASE AS SCHEDULED. 3. SHIM AS REQUIRED.
- 4. SEALANT, BOTH SIDES.
- 5. CONTINUOUS 2X BLOCKING.
- 6. DOOR AS SCHEDULED.
- 7. GLAZING AS SCHEDULED.
- 8. PRE-FINISHED INTERIOR METAL FRAME SYSTEM SNAP-ON CASING.
- 9. WALL TYPE AS SCHEDULED REFER TO FLOOR PLAN AND 1/A2.0 FOR WALL TYPES.
- 10. ELECTRICAL ROUGH-IN BOXES AS REQUIRED.
- 11. PREFINISHED METAL GLAZING STOP SET IN SEALANT.
- 12. ANODIZED ALUMINUM TUBE FRAMING.
- 13. #10 X 3½" SCREWS, FREQUENCY PER MANUFACTURER RECOMMENDATIONS.
- 14. BULLET-RESISTANT GLAZING.
- 15. ANODIZED ALUMINUM U-CHANNEL.
- 16. COMPOSITE SPACERS.
- 17. ANODIZED ALUMINUM BREAK METAL TRIM.
- 18. PLASTIC LAMINATE CLAD COUNTER TOP.
- 19. STAINLESS STEEL DEAL TRAY.
- 20. SLIDING POCKET DOOR HARDWARE.
- 21. SLIDING POCKET DOOR FRAMING. 22. SALVAGED WOOD TRIM-RELOCATED.
- 23. SALVAGED WOOD PANELING-RELOCATED.
- 24. SALVAGED WOOD DOOR AND FRAME-RELOCATED.

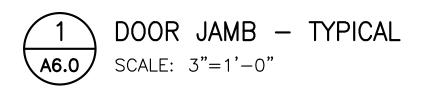


DOOR JAMB @ SIDELIGHT SCALE: 3"=1'-0"

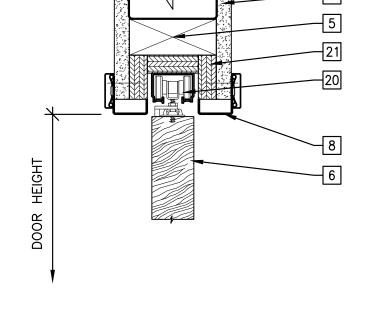




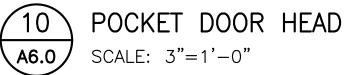


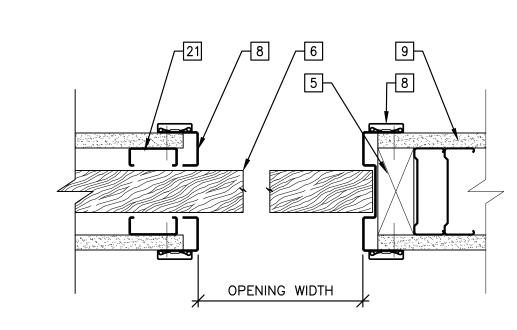




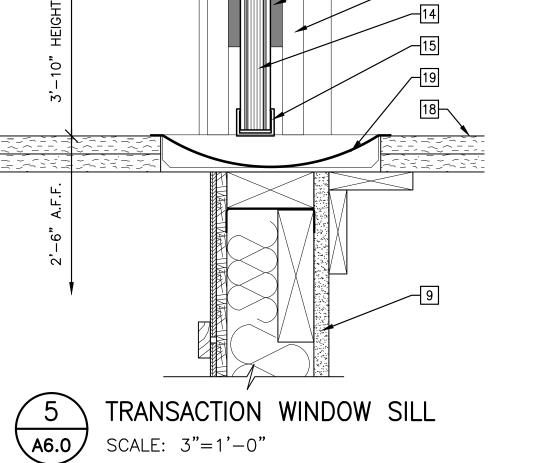


DOOR 109A JAMB DETAIL (HEAD SIMILAR)
SCALE: 3"=1'-0"





POCKET DOOR JAMB
SCALE: 3"=1'-0"



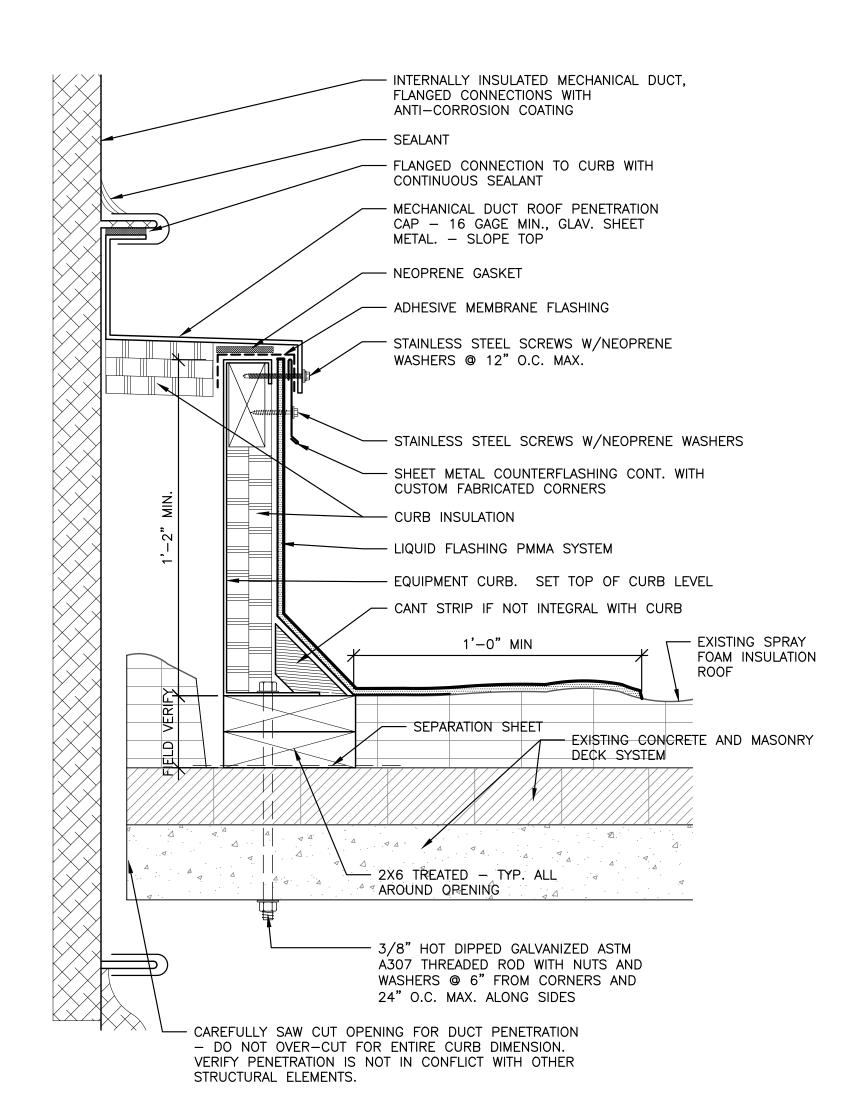


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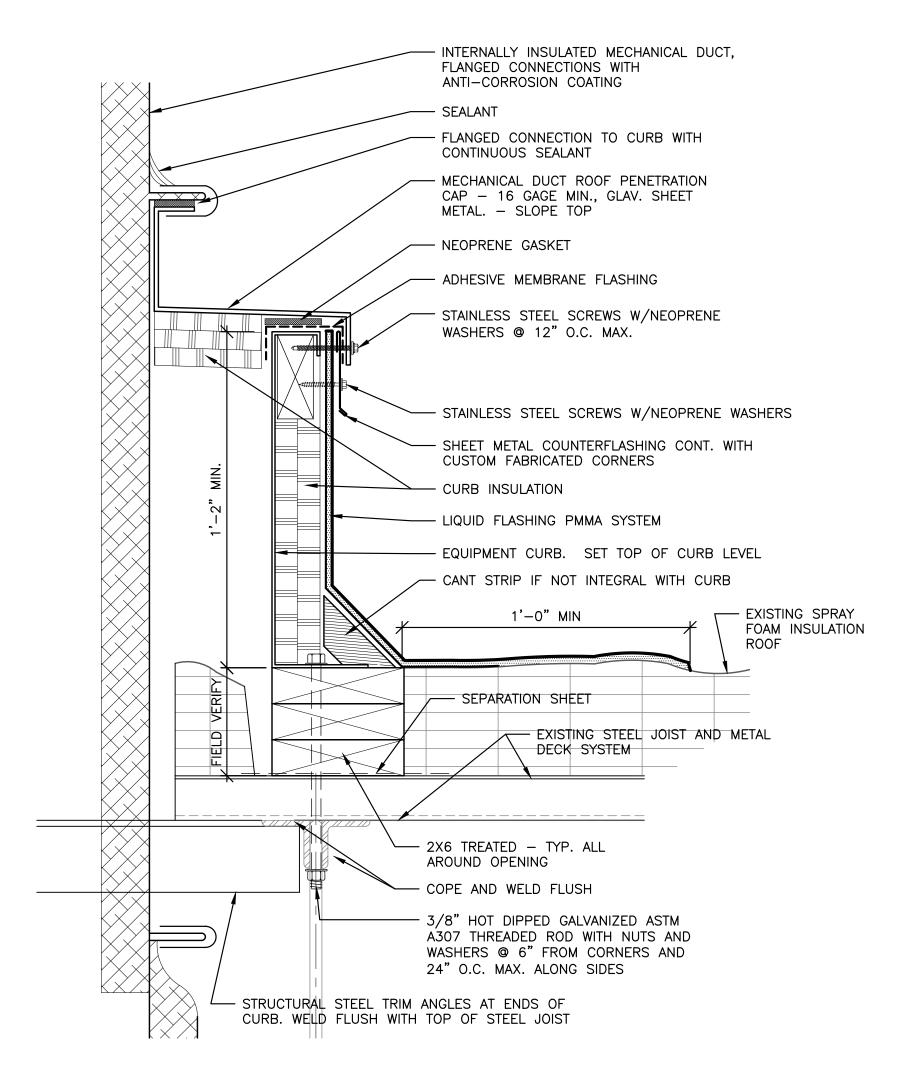
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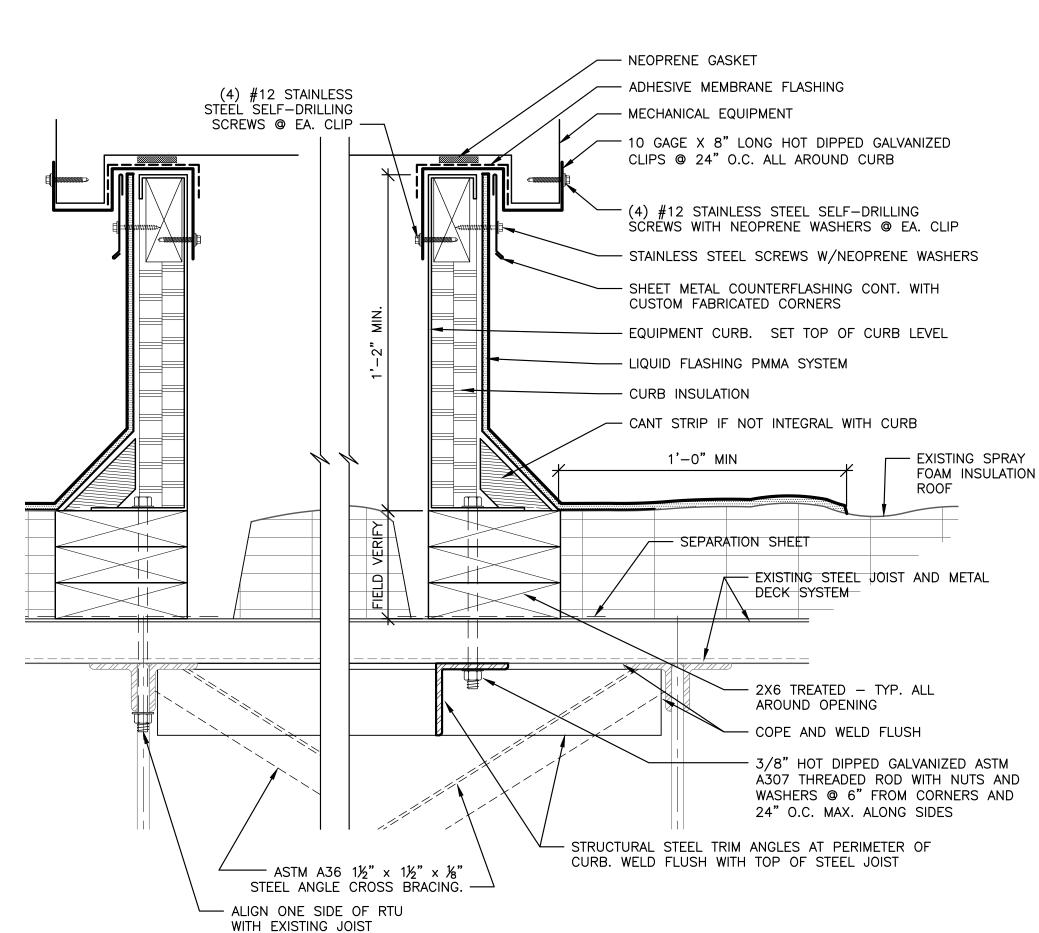
DUCT/HIGH ROOF PENETRATION DETAIL

SCALE: 3"=1'-0"



DUCT/LOW ROOF PENETRATION DETAIL

SCALE: 3"=1'-0"

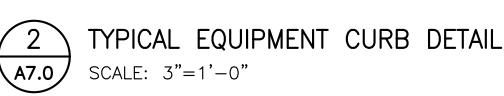


3" = 1'-0"

GRAPHIC SCALE

3"2"1"0

GRAPHIC SCALE



FLOOR PLAN GENERAL NOTES

- A. EQUIPMENT AND ROOF FEATURE LOCATIONS ARE SCHEMATIC. FIELD VERIFY EXACT LOCATION OF NEW EQUIPMENT PRIOR TO INSTALLATION.
- B. PROTECT FROM DAMAGE EXISTING ROOF MATERIAL AND ROOF—MOUNTED EQUIPMENT TO REMAIN.
- C. WHEN MAKING PENETRATIONS IN EXISTING ROOF, REPORT DEGRADED STRUCTURAL CONDITIONS OR VISIBLE EXISTING ROOF LEAKS TO ARCHITECT.
- D. SECOND FLOOR PLAN SHOWN FADED FOR REFERENCE ONLY.

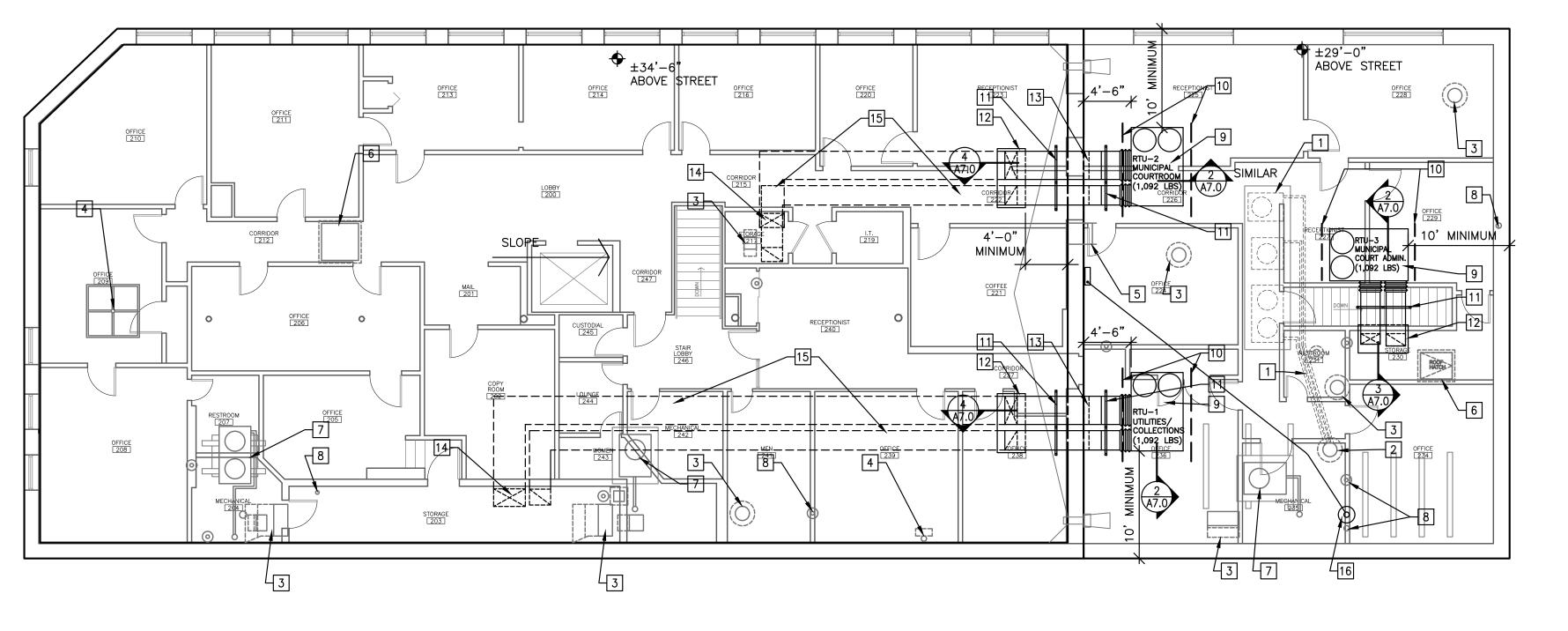
KEYED NOTES

- 1. DEMOLISH EXISTING ROOF-MOUNTED AIR-COOLED CONDENSING UNITS AND ASSOCIATED ELECTRICAL, REFRIGERANT PIPING, ETC.
- DEMOLISH EXISTING VENT CAP. PROVIDE NEW HUB DRAIN PER MECHANICAL/PLUMBING — REFER TO DETAIL 2/A7.1.
- 3. EXISTING MECHANICAL VENT CAP TO REMAIN.
- 4. EXISTING ROOF-MOUNTED ANTENNA TO REMAIN.
- 5. EXISTING LADDER UP TO HIGH ROOF TO REMAIN.
- D. EXISTING LADDER UP TO HIGH ROOF TO REM
- 6. EXISTING ROOF ACCESS HATCH TO REMAIN.
- 7. EXISTING ROOF—MOUNTED CONDENSING UNIT TO REMAIN.

 B. EXISTING PLUMBING VENT PIPE / CONDUIT PENETRATION TO
- REMAIN TYPICAL.

 9. NEW CURB—MOUNTED PACKAGED AIR CONDITIONING UNIT ON NEW ROOF—MOUNTED CURB. COORDINATE WITH MECHANICAL
- FOR EXACT PLACEMENT LOCATION AND ORIENTATION.
- 10. ASTM A36 1½" X 1½" X ½" STEEL ANGLE CROSS BRACING WELDED TO EXISTING JOISTS TYPICAL AT ALL RTU'S.
- 11. DUCT SUPPORT REFER TO DETAIL 1/A7.1.
- 12. DUCT PENETRATION CURB 32" X 54" SIZE (FIELD VERIFY) -
- REFER TO DETAIL 3/A7.0.

 13. ROUTE NEW DUCTWORK UP AND OVER EXISTING MASONRY PARAPET WALL.
- 14. DROP DUCT DOWN TO FIRST FLOOR.
- 15. DUCT ROUTED IN SECOND FLOOR ATTIC SPACE.
- 16. NEW CONDUIT PENETRATION IN CHEM-CURB AT EXISTING CONDUIT PENETRATION REFER TO DETAIL 3/A7.1.





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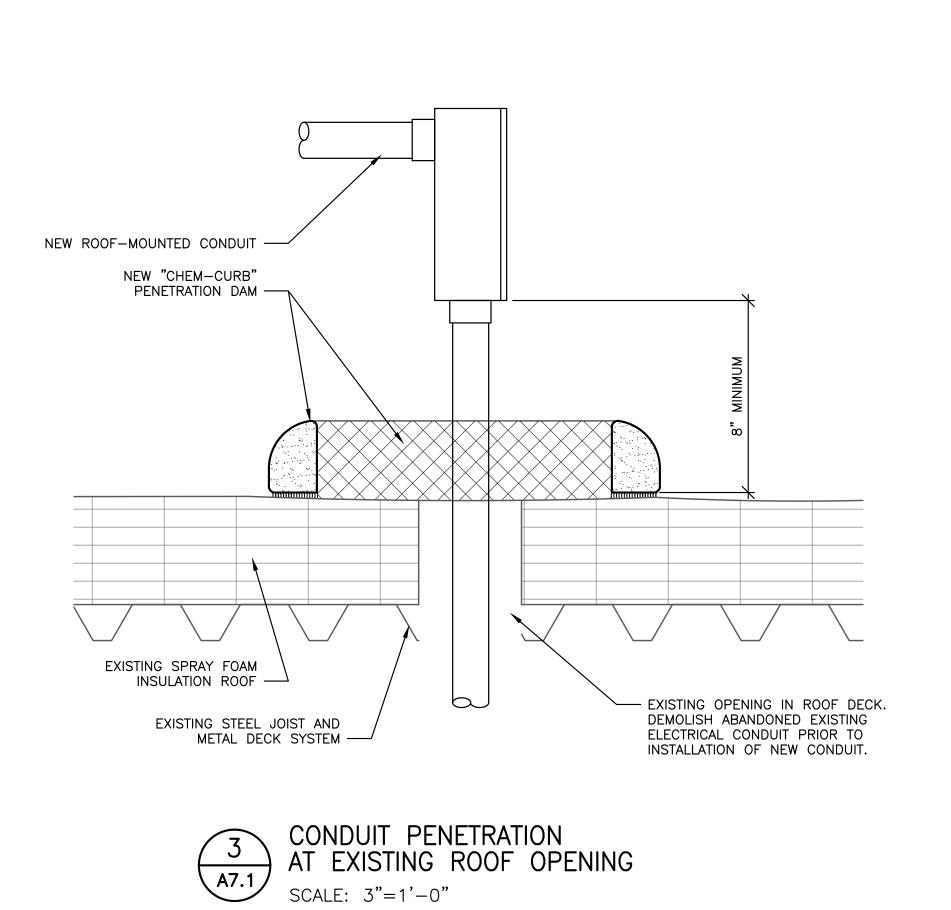
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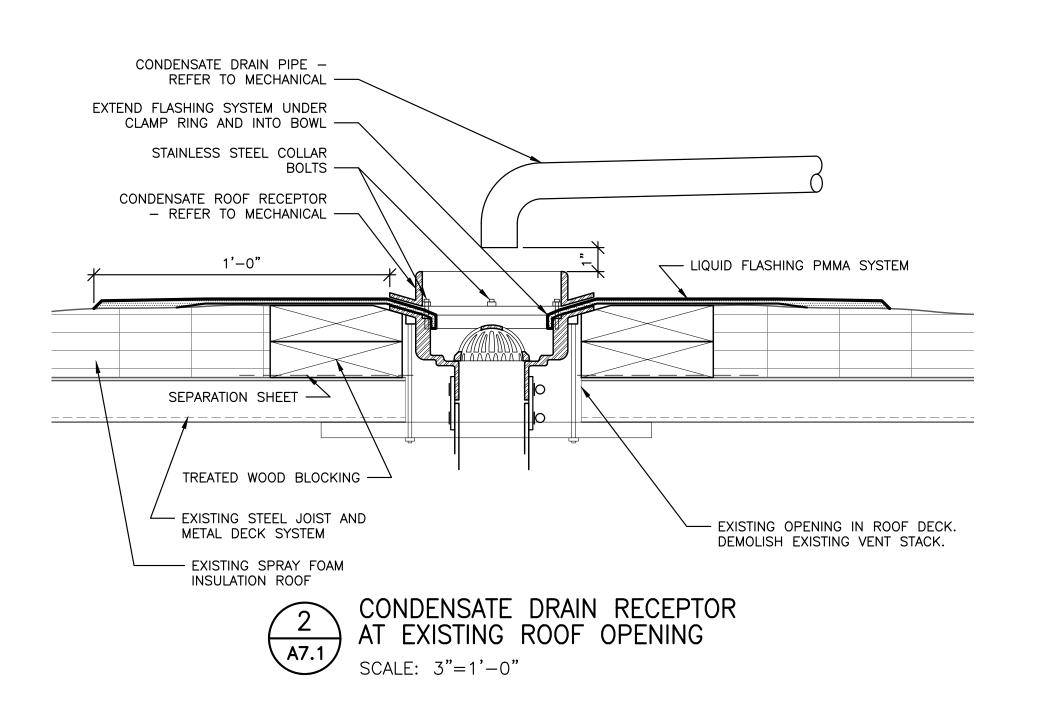
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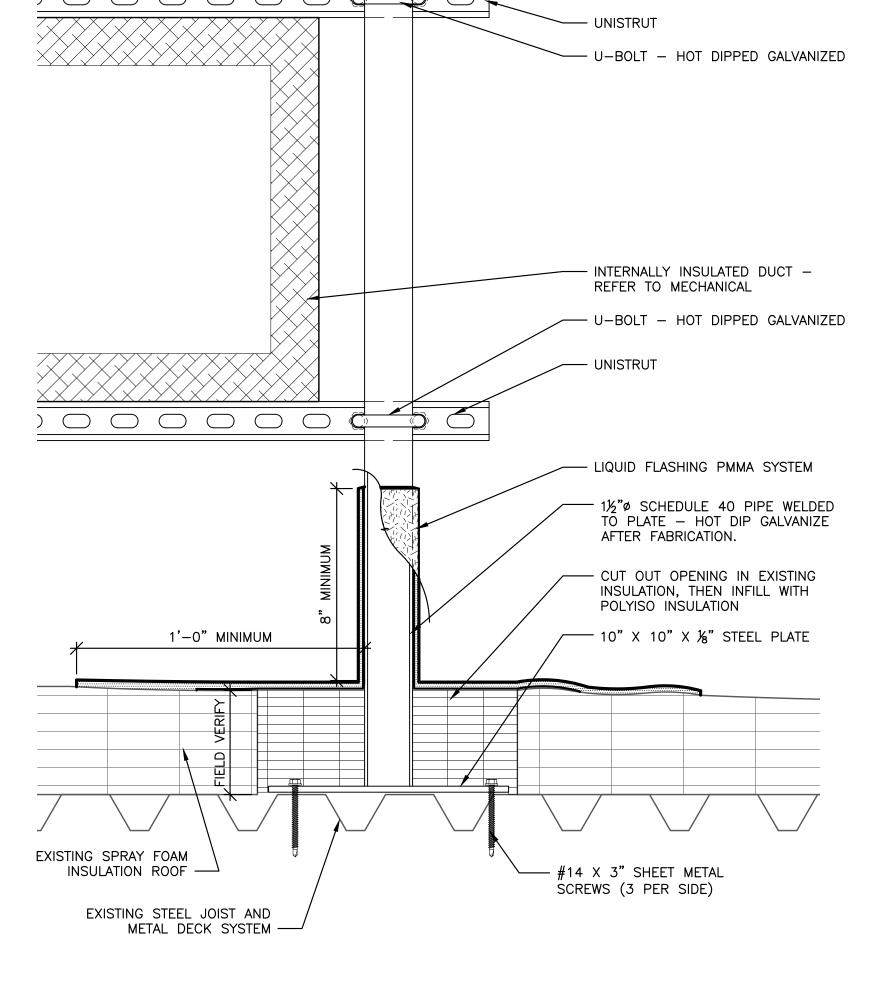
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J:\1609\DWG\1609 A7.0 ROOF PLAN.DWG





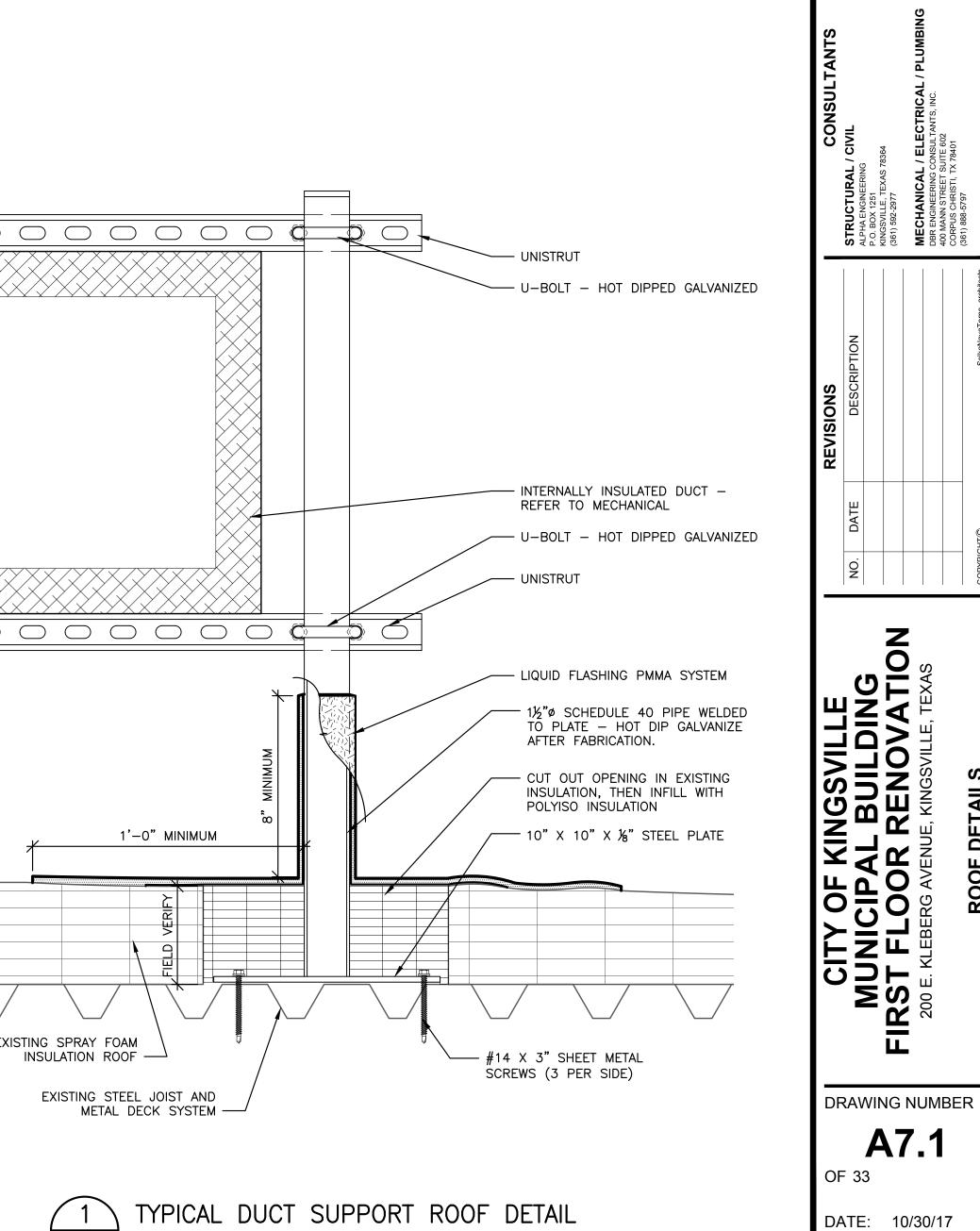


3"2" 1"0

GRAPHIC SCALE

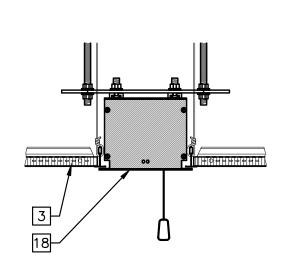
3" = 1'-0"

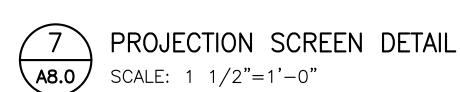


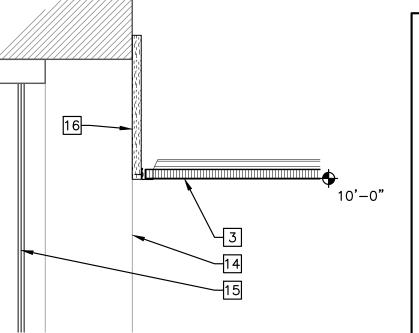


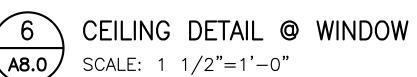
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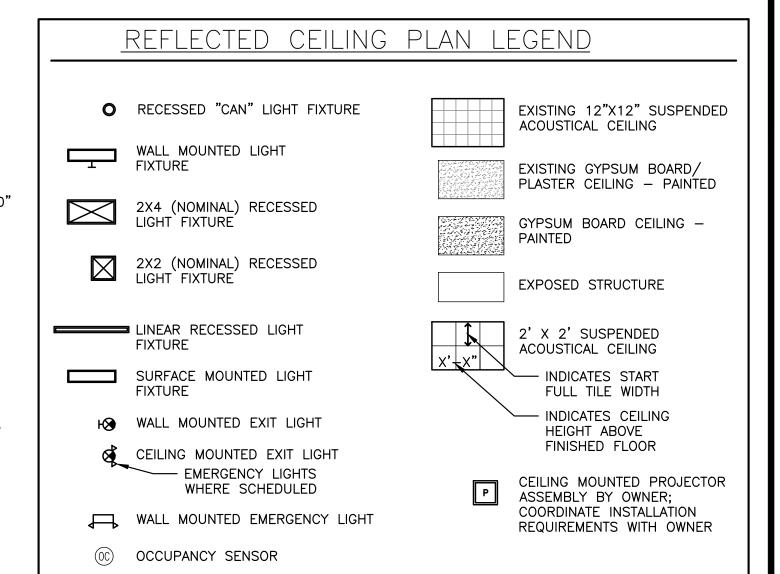
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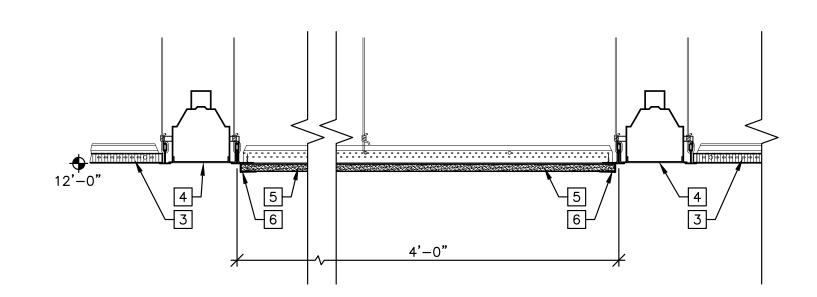






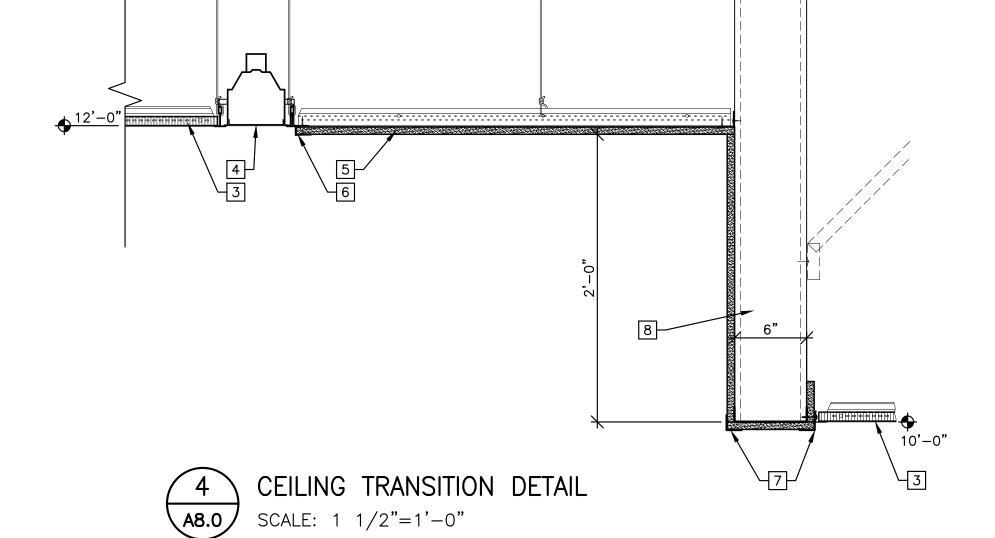


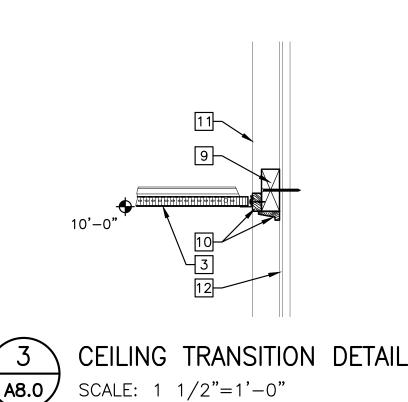


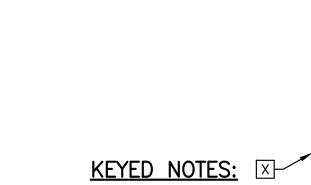


CEILING TRANSITION DETAIL

SCALE: 1 1/2"=1'-0"



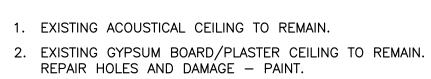




GENERAL NOTES:

WITH ELECTRICAL DRAWINGS.

APPROVAL OF ARCHITECT.



A. CEILING-MOUNTED LIGHTING CONTROLS SYSTEM DEVICES ARE SHOWN FOR REFERENCE, COORDINATE

B. DO NOT ADJUST LOCATIONS OF LIGHT FIXTURES, HVAC COMPONENTS OR ARCHITECTURAL FEATURES WITHOUT

C. PROVIDE ADDITIONAL CROSS TEES REQUIRED FOR SUPPORT OF NON-MODULAR MEP COMPONENTS.

3. SUSPENDED ACOUSTICAL CEILING GRID AND PANELS. 4. LINEAR RECESSED LIGHT FIXTURE — SUPPORT GRID ON EACH SIDE.

5. %" GYPSUM BOARD ON SUSPENSION GRID SYSTEM.

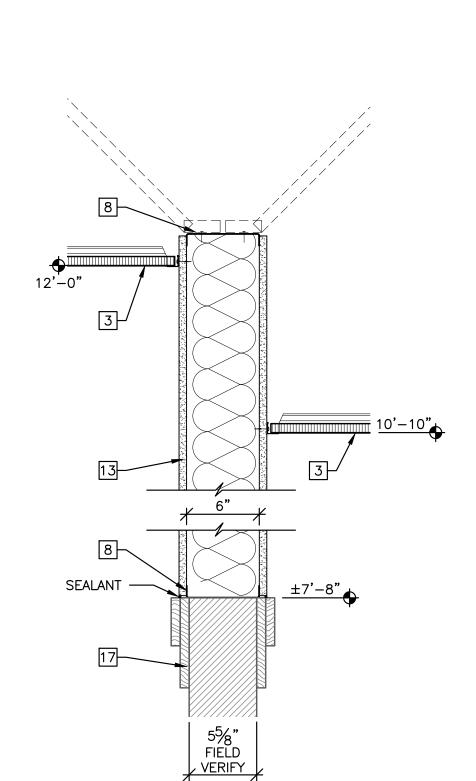
6. GYPSUM BOARD "L" BEAD TRIM.

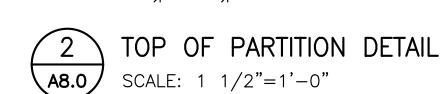
7. GYPSUM BOARD CORNER TRIM.

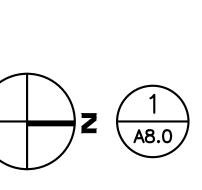
8. DRYWALL STUD FRAMING — BRACE AS REQUIRED.

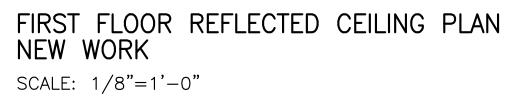
9. 2X BLOCKING.

10. WOOD TRIM TO MATCH EXISTING. 11. WOOD TRIM BEYOND - COPE NEW TRIM INTO EXISTING.



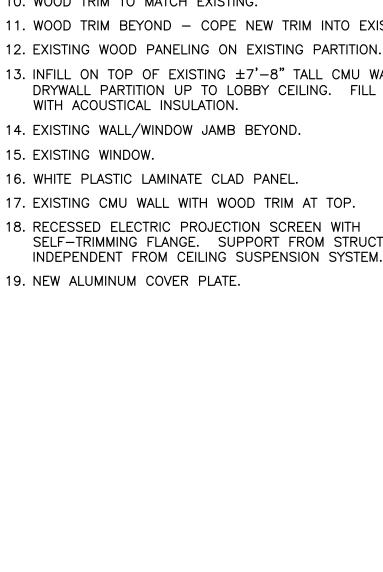






- EXISTING WALL SUPPORTED CANOPY TO REMAIN -

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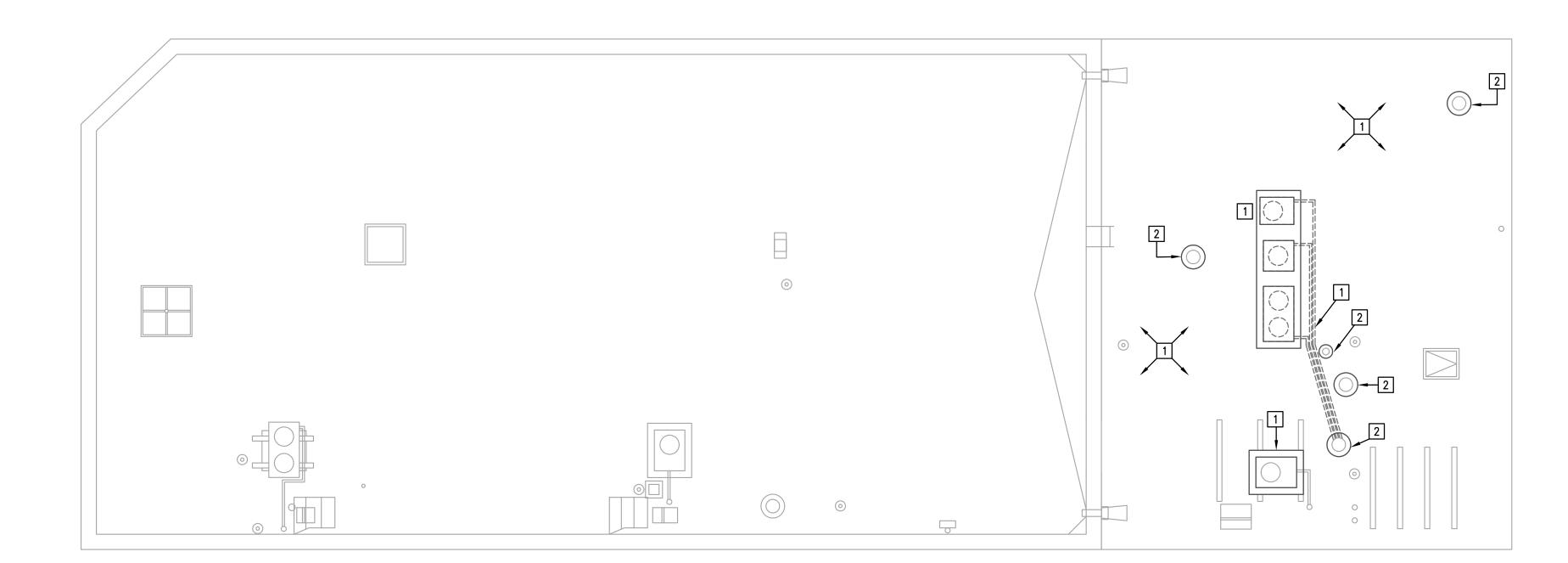


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13. INFILL ON TOP OF EXISTING $\pm 7'-8"$ TALL CMU WALL WITH DRYWALL PARTITION UP TO LOBBY CEILING. FILL CAVITY WITH ACOUSTICAL INSULATION. \boxtimes 14. EXISTING WALL/WINDOW JAMB BEYOND. 15. EXISTING WINDOW. 16. WHITE PLASTIC LAMINATE CLAD PANEL. 17. EXISTING CMU WALL WITH WOOD TRIM AT TOP. 18. RECESSED ELECTRIC PROJECTION SCREEN WITH SELF—TRIMMING FLANGE. SUPPORT FROM STRUCTURE INDEPENDENT FROM CEILING SUSPENSION SYSTEM. **ELEVATOR** 19. NEW ALUMINUM COVER PLATE. X STORAGE 107 18 ±12'-1"





GENERAL MECHANICAL DEMO NOTES

A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.

B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.

- C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.
- D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL KEYED NOTES

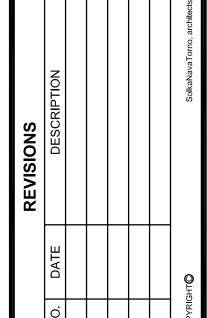
- 1 ALL EXISTING CONDENSING EQUIPMENT AND ASSOCIATED REFRIGERANT PIPING/SUPPORTS ON ROOF THAT SERVE FIRST LEVEL SHALL BE DEMOLISHED. ALL EXISTING ROOF MOUNTED EQUIPMENT SERVING THE SECOND FLOOR SHALL REMAIN. CONTRACTOR SHALL FIELD VERIFY PRIOR TO DEMOLITION.
- 2 EXISTING ROOF CAP TO REMAIN. CAP AND SEAL ALL ROOF CAPS NOT REPURPOSED.

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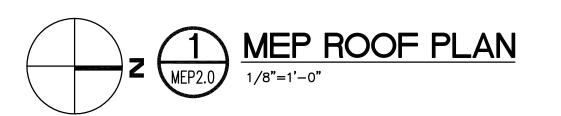


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DATE: 10/30/17

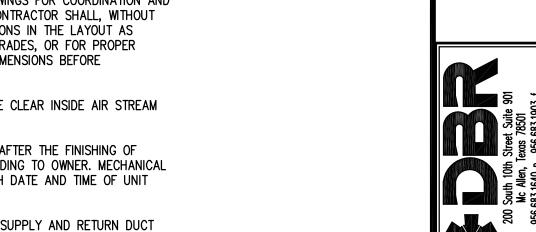


GENERAL MECHANICAL NOTES

- A. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION OF EQUIPMENT, DUCTS, AND GRILLES ETC. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT COMPLETE MECHANICAL SYSTEMS BE FURNISHED, INSTALLED, TESTED AND READY FOR OPERATION WHETHER OR NOT EVERY ITEM OF EQUIPMENT, ACCESSORY, DEVICE, ETC. IS SHOWN. REFERENCE SHALL BE MADE TO THE FULL DRAWING PACKAGE INCLUDING ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATING DUCTWORK.
- B. DUCT DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- C. ALL NEW A/C EQUIPMENT SHALL BE CLEANED AFTER THE FINISHING OF DRYWALL AND PRIOR TO THE RELEASE OF BUILDING TO OWNER. MECHANICAL CONTRACTOR TO PROVIDE DOCUMENTATION WITH DATE AND TIME OF UNIT CLEANING.
- D. PROVIDE DUCT-MOUNTED SMOKE DETECTOR IN SUPPLY AND RETURN DUCT FOR ROOF TOP UNITS SUPPLYING 2000 CFM AND GREATER.

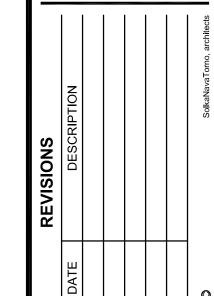
MECHANICAL KEYED NOTES

- ROUTE SIDE DISCHARGE SUPPLY AND RETURN DUCTWORK AT UP AND OVER PARAPET WALL THEN DOWN THROUGH ROOF. ROUTE DUCTWORK ABOVE 2ND LEVEL CEILING. REFER TO 2ND LEVEL FOR CONTINUATION. COORDINATE FINAL LOCATION OF ROOF PENETRATION WITH ALL BUILDING COMPONENTS.
- 2 ROUTE SIDE DISCHARGE SUPPLY AND RETURN DUCTWORK DOWN THROUGH CHASE. REFER TO 2ND LEVEL FOR CONTINUATION.
- ROUTE EXHAUST DUCT UP AND CONNECT TO EXISTING ROOF CAP. PROVIDE DUCT TRANSITIONS NECESSARY TO CONNECT TO EXISTING ROOF CAP OPENING.
- ROUTE CONDENSATE AS SHOWN ON PLAN TO HUB DRAIN. COORDINATE ROUTING WITH ALL DISCIPLINES.





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FP FIRE PUMP FPT FAN POWERED TERMINAL FRZR FREEZER FS FLOW SWITCH, FIRE SPRINKLER FSK FLOOR SINK FT CONTINUUS, CONTINUATION FIT CONTROLLER, CONTRACTOR FOR COMPUTER ROOM A/C UNIT FUTURE COLUMB TOWER COOLING TOWER COLD WATER COLD WATER CONDENSER WATER PUMP CONDENSER WATER SUPPLY FP FIRE PUMP FPT FAN POWERED TERMINAL FRZR FREEZER FS FLOW SWITCH, FIRE SPRINKLER FSK FLOOR SINK FT FOOT, FEET FUT FUTURE G GAS GA GAUGE GAL GALLON GALLON GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			- 	
NC CONCRETE, CONCENTRIC ND CONDENSER, CONDENSATE NN CONNECTION NT CONTINUOUS, CONTINUATION NTR CONTROLLER, CONTRACTOR AC COMPUTER ROOM A/C UNIT T CATHODE RAY TUBE COOLING TOWER COOPER COLD WATER P CONDENSER WATER PUMP R CONDENSER WATER SUPPLY FPT FAN POWERED TERMINAL FRZR FREEZER FS FLOW SWITCH, FIRE SPRINKLER FSK FLOOR SINK FT FOOT, FEET FUT FUTURE G G GAS GA GAUGE GAL GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			- -	
ND CONDENSER, CONDENSATE NN CONNECTION NT CONTINUOUS, CONTINUATION NTR CONTROLLER, CONTRACTOR AC COMPUTER ROOM A/C UNIT T CATHODE RAY TUBE COOLING TOWER R CENTER COPPER COLD WATER P CONDENSER WATER PUMP R CONDENSER WATER RETURN S CONDENSER WATER SUPPLY FRZR FREEZER FR S FLOW SWITCH, FIRE SPRINKLER FSK FLOOR SINK FT FOOT, FEET FUT FUTURE G G G G G G G G G G G G			-	
FS FLOW SWITCH, FIRE SPRINKLER FSK FLOOR SINK FT FOOT, FEET FUT FUTURE COMPUTER ROOM A/C UNIT CONTROLLER, CONTRACTOR COMPUTER ROOM A/C UNIT COATHODE RAY TUBE COOLING TOWER COCULING TOWER COOLING TOWER COOL			-	
TO CONTINOUS, CONTINUATION WITH CONTROLLER, CONTRACTOR ACC COMPUTER ROOM A/C UNIT TO CATHODE RAY TUBE COOLING TOWER ROOM COPPER COPPER COLD WATER CONDENSER WATER PUMP ROOMDENSER WATER SUPPLY FIX FOOT, FEET FUT FUTURE G GAS GA GAUGE GAL GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			-	
NTR CONTROLLER, CONTRACTOR AC COMPUTER ROOM A/C UNIT T CATHODE RAY TUBE COOLING TOWER R CENTER COPPER COLD WATER P CONDENSER WATER PUMP R CONDENSER WATER RETURN S CONDENSER WATER SUPPLY FT FOOT, FEET FUT FUTURE G GAS GA GAUGE GAL GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			-	
AC COMPUTER ROOM A/C UNIT T CATHODE RAY TUBE COOLING TOWER R CENTER COPPER COLD WATER P CONDENSER WATER PUMP R CONDENSER WATER SUPPLY GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			-	
COOLING TOWER R CENTER COPPER COLD WATER CONDENSER WATER PUMP R CONDENSER WATER RETURN S CONDENSER WATER SUPPLY CODE GAL GAL GAL GAL GAL GAL GAL GAL			-	
COOLING TOWER R CENTER G GAS GA GAUGE GAL GALLON GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY	RT	CATHODE RAY TUBE	7	
G GAS COPPER COPPER COLD WATER CONDENSER WATER PUMP CONDENSER WATER RETURN CONDENSER WATER SUPPLY GREAT CONDENSER WATER SUPPLY GREAT GRA GAUGE GAL GALLON GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			7	<u> </u>
GAL GALLON GALV GALVANIZED GALV GALVANIZED GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY	R		G	GAS
GALV GALVANIZED GRAVER CONDENSER WATER PUMP GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY)	COPPER	GA	GAUGE
GALV GALVANIZED GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			GAL	GALLON
GLV GLOBE VALVE GND GROUND GPD GALLONS PER DAY			GALV	GALVANIZED
GND GROUND GPD GALLONS PER DAY	D		GC	GENERAL CONTRACTOR
GND GROUND GPD GALLONS PER DAY		CONDENSER WATER RETURN		
	1			
GPH GALLONS PER HOUR			GLV	GLOBE VALVE
			GLV GND	GLOBE VALVE GROUND

GALLONS PER MINUTE

GRAND SENSIBLE HEAT

GRAND TOTAL HEAT

GATE VALVE

GTH

	Н
HB	HOSE BIBB
HD	HEAD, HUB DRAIN
HE	HEAT EXCHANGER
HF HODIZ	HUMIDIFIER
HORIZ HP	HORIZONTAL HORSEPOWER, HALON PANEL
HPU	HEAT PUMP UNIT
HKP	HOUSEKEEPING PAD
HSC	HORIZONTAL SPLIT CASE
HSTAT	HUMIDISTAT
HT	HEIGHT
HTG	HEATING
HTR HW	HEATER HOT WATER
HWC	HOT WATER CIRCULATOR
HWP	HEATING WATER PUMP
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ
ID	INSIDE DIAMETER
IE III	INVERT ELEVATION INFRARED HEATER
IN IN	INCH
INSUL	INSULATION
INT	INTERNAL, INTERIOR
IW	INDIRECT WASTE
	J
JB	JUNCTION BOX
JP	JOCKEY PUMP
	<u> </u>
KEC	KITCHEN EQUIPMENT CONTRACTOR
K0	KNOCKOUT
KVA	KILOVOLT- AMPS KILOWATT
NW .	RICOWATT
	L
L	LENGTH, LAVATORY
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LF LP	LINEAR FEET LOW PRESSURE
LRA	LOCKED ROTOR AMPS
LVL	LEVEL
LWB	LEAVING WET BULB
LWCO	LOW WATER CUT OFF
LWT	LEAVING WATER TEMPERATURE
	M
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBTUH	THOUSAND OF BTU'S
МС	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
	MALIEABLE IBOV
MI	MALLEABLE IRON
MI MIN	MINIMUM
MI	MINIMUM MEDIUM PRESSURE
MI MIN MP	MINIMUM
MIN MP MS	MINIMUM MEDIUM PRESSURE MOP SINK
MI MIN MP MS MTD	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED
MI MIN MP MS MTD MU MVD	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER
MI MIN MP MS MTD MU	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION
MI MIN MP MS MTD MU MVD N.C.	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION
MI MIN MP MS MTD MU MVD N.C. NFPA	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION
MI MIN MP MS MTD MU MVD N.C. NFPA NIC	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O.	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O.	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO.	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO. NTS	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO.	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR OUTSIDE AIR FAN
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO. OA	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO. NTS OA OAF OAHU	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR OUTSIDE AIR HANDLING UNIT
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO. OA	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR OUTSIDE AIR FAN OUTSIDE AIR HANDLING UNIT OPPOSED BLADE DAMPER
MI MIN MP MS MTD MU MVD N.C. NFPA NIC N.O. NO. OA OAF OAHU OBD OC	MINIMUM MEDIUM PRESSURE MOP SINK MOUNTED MAKE-UP MANUAL VOLUME DAMPER NORMALLY CLOSED NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NORMALLY OPEN NUMBER NOT TO SCALE OUTSIDE AIR OUTSIDE AIR FAN OUTSIDE AIR HANDLING UNIT OPPOSED BLADE DAMPER ON CENTER

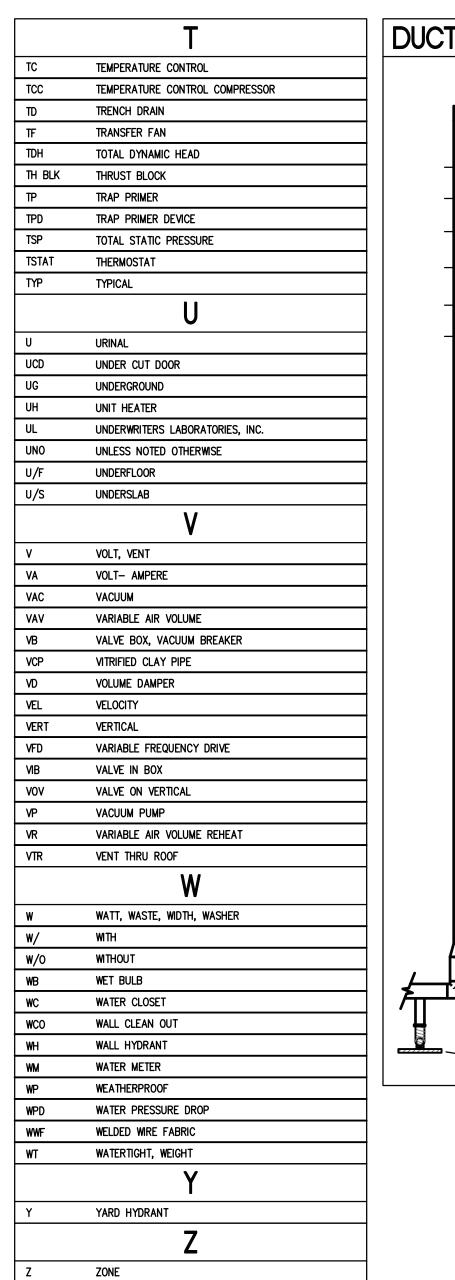
	<u> </u>
Р	PUMP, PLUMBING EQUIPMENT
PCP	PLUMBING CONTRACTOR
PCR PD	PUMPED CONDENSATE RETURN
PH	PRESSURE DROP, PLANTER DRAIN PHASE, POST HYDRANT
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PNEU	PNEUMATIC
PNL	PANEL
PNTH	PENTHOUSE
PP	POLYPROPYLENE
PPM	PART PER MILLION
PRI	PRIMARY
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PT DV	PLUMBING TRIM
PVC	PLUG VALVE
PVC	POLYVINYL CHLORIDE
	Q
QTY	QUANTITY
<u></u>	D
	п
RA	RETURN AIR
RAD	REFRIGERATED AIR DRYER
RAF	RETURN AIR FAN
RAG	RETURN AIR GRILL
RAT	RETURN AIR TEMPERATURE
RCP	REFLECTED CEILING PLAN, REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RE	REFERENCE, REFER
RECIRC	RECIRCULATE
RED	REDUCER
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION, REVISE
RH	RELATIVE HUMIDITY
RHG	REFRIGERANT HOT GAS
RKVA	RUNNING KILOVOLT-AMPS
RKW	RUNNING KILOWATTS
RL	REFRIGERANT LIQUID
RLA	RUNNING LOAD AMPS
RM	ROOM, REFRIGERATION MACHINE REVOLUTIONS PER MINUTE
RPM BC	REFRIGERANT SUCTION
rs Rtu	ROOFTOP UNIT
RV	RELIEF VALVE
• •	•
	ა
S	STEAM
SA	SUPPLY AIR
SAF	SUPPLY AIR FAN
SAG	SUPPLY AIR GRILLE
SAN	SANITARY SEWER
SAR	SUPPLY AIR REGISTER
SC	STEAM CONDENSATE
SCHED	SCHEDULED
SCR	SILICON CONTROLLED RECTIFIER
SD	STORM DRAIN
SE	SEWAGE EJECTOR
SEC	SECONDARY
SECT	SECTION SENSIBLE
SENS Se	SENSIBLE SOLIABE EEET
SF SFCS	SQUARE FEET SPRINKLED ELOOP CONTROL STATION
SFCS SH	SPRINKLER FLOOR CONTROL STATION
	SHOWER
SHT	SHEET
	SIMII AR
SIM	SIMILAR
SIM	SINK
SIM SK SKVA	SINK STARTING KILOVOLT-AMPS
SIM SK SKVA SKW	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS
SIM SK SKVA SKW	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL
SIM SK SKVA SKW SM	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE
SIM SK SKVA SKW SM SP SPEC	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION
SHT SIM SK SKVA SKW SM SP SPEC SPR SQ	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER
SIM SK SKVA SKW SM SP SPEC SPR SQ	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE
SIM SK SKVA SKW SM SP SPEC SPR SQ SS	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER
SIM SK SKVA SKW SM SP SPEC SPR SQ SSS	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK SUBSURFACE DRAIN
SIM SK SKVA SKW SM SP SPEC SPR SQ SSS SSD	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK
SIM SK SKVA SKW SM SP SPEC SPR	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK SUBSURFACE DRAIN SANITARY SEWER FIXTURE UNITS
SIM SK SKVA SKW SM SP SPEC SPR SQ SSS SSD SSFU SSSC STD	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK SUBSURFACE DRAIN SANITARY SEWER FIXTURE UNITS SOLID STATE SPEED CONTROL
SIM SK SKVA SKW SM SP SPEC SPR SQ SSS SSD SSFU SSSC STD	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK SUBSURFACE DRAIN SANITARY SEWER FIXTURE UNITS SOLID STATE SPEED CONTROL STANDARD
SIM SK SKVA SKW SM SP SPEC SPR SQ SSS SSD SSFU	SINK STARTING KILOVOLT-AMPS STARTING KILOWATTS SHEETMETAL SUMP PUMP, STATIC PRESSURE SPECIFICATION SPRINKLER SQUARE SERVICE SINK SUBSURFACE DRAIN SANITARY SEWER FIXTURE UNITS SOLID STATE SPEED CONTROL STANDARD STEEL

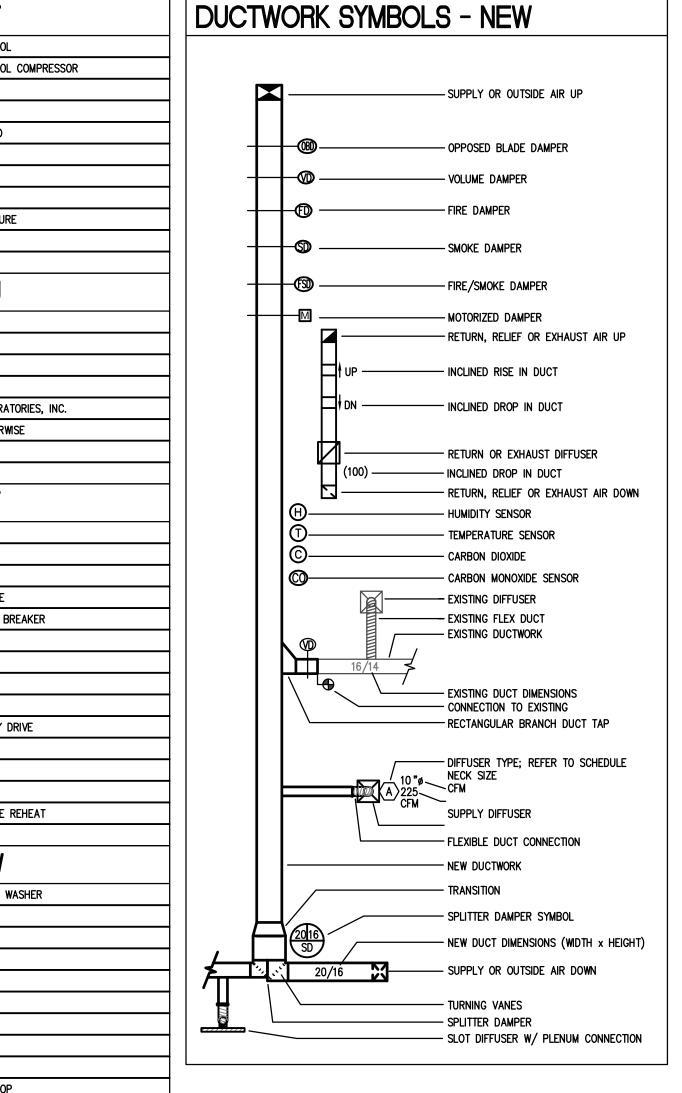
SUSP

SUSPEND

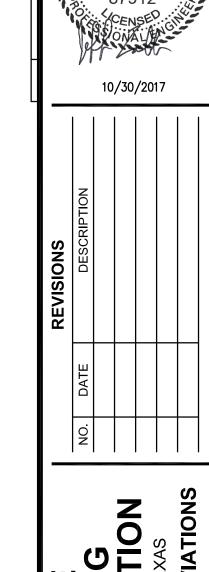
SANITARY VENT

· CWS —	CONDENSER WATER SUPPLY		CTDAINED MATHER DOWN DOWN VALVE
- CWR	CONDENSER WATER RETURN		STRAINER WITH BLOW DOWN VALVE
- CHS	CHILLED WATER SUPPLY	—— ⋈ —	GATE VALVE, HVAC BALANCING/STOP VALVE
-CHR	CHILLED WATER RETURN		GLOBE VALVE
—CD——	CONDENSATE DRAIN LINE	── ⋈──	BALL VALVE
	CAP ON END OF PIPE		BALANCING VALVE WITH DIFFERENTIAL PRESSURE TA
——ю	ELBOW UP	─ _ △	OS&Y VALVE
——+ 5 —	ELBOW DOWN		CHECK VALVE
	VALVE IN DROP		BUTTERFLY VALVE
	VALVE IN RISE		TWO-WAY MODULATING CONTROL VALVE
-	DIRECTION OF FLOW	————————————————————————————————————	THREE-WAY MODULATING CONTROL VALVE
	DIRECTION OF SLOPE DOWN		SOLENOID VALVE
-	CONCENTRIC REDUCER ECCENTRIC REDUCER		PRESSURE REDUCING VALVE
	TEE OUTLET UP		GAS REGULATOR
+8+	TEE OUTLET DOWN	F	GAS COCK
—	UNION	—FCS—	SPRINKLER FLOOR CONTROL STATION
—-3E	FLANGE	<u>+</u>	MANUAL AIR VENT
X	PIPE ANCHOR	<u> </u>	AUTOMATIC AIR VENT
 /\/\/\	EXPANSION JOINT	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T&P RELIEF VALVE
	PRESSURE AND TEMPERATURE TAP	<u> </u>	PRESSURE GAUGE WITH GAUGE COCK
<u></u>	FLOW VENTURI	\longrightarrow \otimes	STEAM TRAP
	VACUUM BREAKER		WATER METER
	VACUUM RELIEF VALVE		FLEXIBLE CONNECTION
-XZZX-	BACKFLOW PREVENTOR		
<u> </u>	THERMOMETER		
	CIRCULATING PUMP		









JEFFREY D. TABB

CITY OF KINGSVILLE
MUNICIPAL BUILDING
ST FLOOR RENOVATIO
O E. KLEBERG AVENUE, KINGSVILLE, TEXAS

DRAWING NUMBER

M0.0

OF 33



MECHANICAL GENERAL DEMO NOTES

- A. COORDINATE DEMOLITION WORK WITH ELECTRICAL AND OTHER DISCIPLINES AS REQUIRED.
- B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOBSITE CONDITIONS DURING THE BIDDING PERIOD, SO THEY WILL HAVE DISCOVERED THE FULL SCOPE OF WORK INVOLVED WITH THE MODIFICATION OF THIS EXISTING SPACE. THE SCOPE OF THE WORK SHALL INCLUDE ALL MATERIALS FOR A COMPLETE INSTALLATION INCLUDING DEVICES, EQUIPMENT, OR APPARATUS WHICH MUST BE REROUTED, RELOCATED, OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED TO ACCOMMODATE THE INDICATED REMODELING. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. ALL HVAC SHOWN ARE TAKEN FROM AS-BUILT HARDCOPY AND MUST BE FIELD VERIFIED.
- C. WHEN AN EQUIPMENT IS IDENTIFIED TO BE REMOVED, THE OWNER HAS FIRST RIGHT OF REFUSAL BEFORE DISPOSING OF THAT EQUIPMENT. PROVIDE OWNER ONE WEEK NOTICE PRIOR TO DEMOLITION.
- D. PROVIDE ALL NECESSARY CLEAR PATH TO MOVE DEMOLISHED EQUIPMENT OUT OF THE FACILITY AS WELL TO BRING NEW EQUIPMENT INTO THE BUILDING. MODIFY EXISTING PIPING, DUCTWORK CONDUITS, AS REQUIRED TO COMPLETE THE DEMOLITION.

MECHANICAL DEMO KEYED NOTES

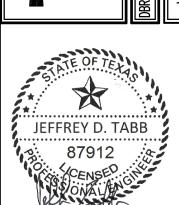
- DUCTWORK AND AIR DEVICES SHOWN IN WOMEN 116, MEN 115, AND MACHINE ROOM 113 SHALL REMAIN. TEMPORARILY CAP AND SEAL. REFER TO M2.0 FOR NEW WORK IN THESE AREAS.
- 2 EXISTING EXHAUST FAN SHALL BE DEMOLISHED. ALL ASSOCIATED EXHAUST DUCTWORK TO REMAIN. REFER TO M2.0 FOR NEW WORK.
- DEMOLISH EXISTING AIR DEVICES, EXISTING DUCTWORK, AND ALL ASSOCIATED CONTROLS UNLESS OTHERWISE NOTED TO REMAIN.
 CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING AIR DEVICES, DUCTWORK AND CONTROLS. NOT ALL EXISTING CONDITIONS ARE NECESSARILY INDICATED ON THE DRAWINGS. SITE VISIT PRIOR TO BIDDING IS REQUIRED TO DETERMINE FULL SCOPE OF WORK.
- 4 EXISTING EXHAUST DUCTWORK AND EXISTING EXHAUST FAN SHALL REMAIN. EXISTING ROOF CAP SHALL REMAIN. CONTRACTOR TO FIELD VERIFY LOCATION AND ROUTING OF DUCTWORK TO ROOF. SITE VISIT PRIOR TO BIDDING IS REQUIRED TO DETERMINE FULL SCOPE OF WORK.
- 5 EXISTING WALL AIR DEVICE SHALL DEMOLISHED. TEMPORARILY CAP AND SEAL EXHAUST DUCTWORK. REFER TO M2.0 FOR NEW WORK.
- 6 EXISTING AIR HANDLING UNIT, ASSOCIATED ROOF MOUNTED CONDENSING UNITS, REFRIGERANT PIPING, HOUSEKEEPING PAD, AND ASSOCIATED DUCTWORK SHALL BE DEMOLISHED.
- 7 DEMOLISH EXISTING BOILER AND VENT AND ALL ASSOCIATED PIPING AND APPURTENANCES.
- 8 EXISTING AIR HANDLING UNIT ABOVE CEILING, ASSOCIATED ROOF MOUNTED CONDENSING UNITS, REFRIGERANT PIPING, AND ASSOCIATED DUCTWORK SHALL BE DEMOLISHED.

) TEO

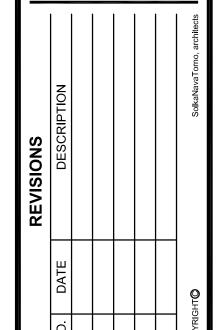
ad, Suite 310 T Texas 78413-4031 F

6262 Weber Road, Suite

200 South 10th Street Suite 901
Mc Allen, Texas 78501
956.683.1640 p 956.683.1903 f
TBPE Firm Registration No. 2234
Project Number 179001.000



10/30/2017



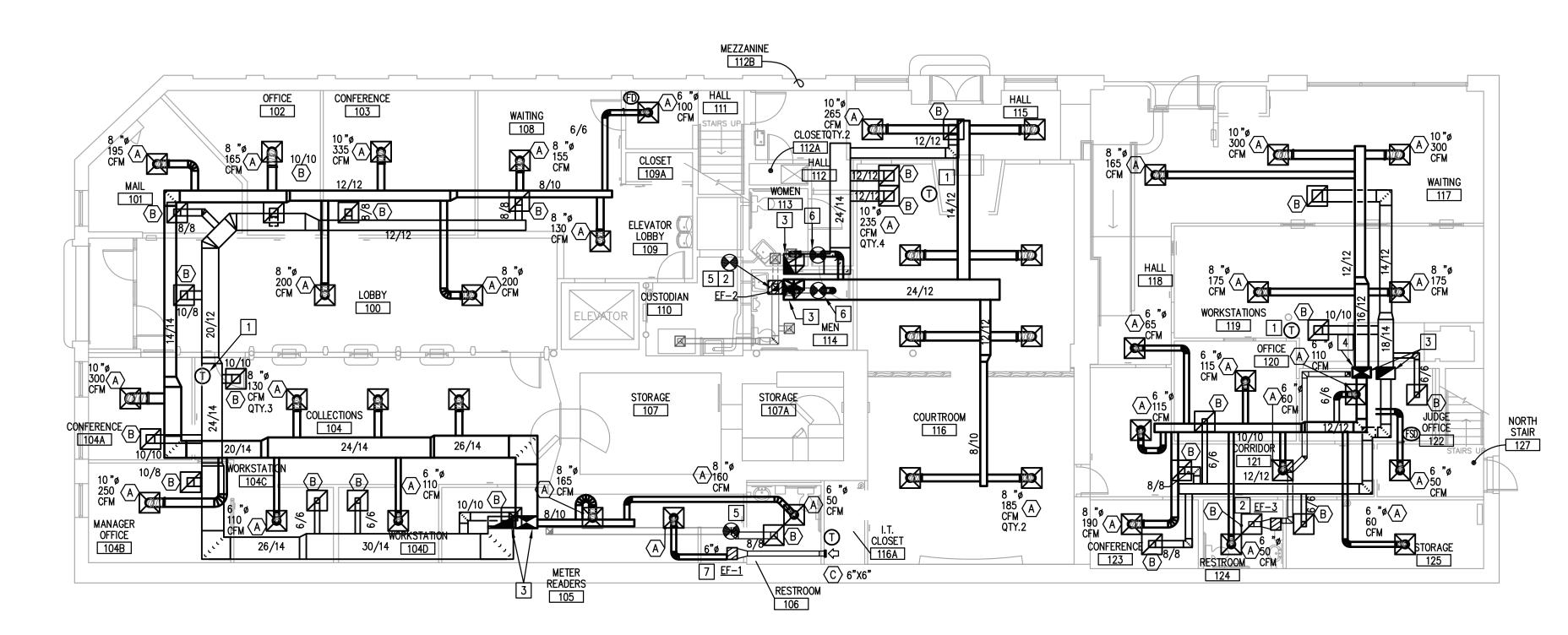
JNICIPAL BUILDING
JNICIPAL BUILDING
FLOOR RENOVATION
KLEBERG AVENUE, KINGSVILLE, TEXAS
FLOOR MECHANICAL DEMO PLAN

DRAWING NUMBER

M1.0

OF 33

DATE: 10/30/17



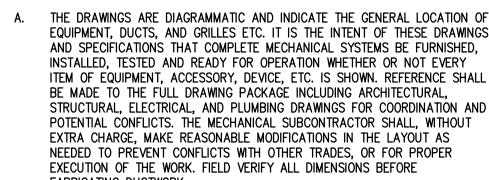


GENERAL MECHANICAL NOTES

- THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION OF EQUIPMENT, DUCTS, AND GRILLES ETC. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT COMPLETE MECHANICAL SYSTEMS BE FURNISHED, INSTALLED, TESTED AND READY FOR OPERATION WHETHER OR NOT EVERY ITEM OF EQUIPMENT, ACCESSORY, DEVICE, ETC. IS SHOWN. REFERENCE SHALL BE MADE TO THE FULL DRAWING PACKAGE INCLUDING ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATING DUCTWORK.
- B. DUCT DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- CONTRACTOR TO PROVIDE DOCUMENTATION WITH DATE AND TIME OF UNIT
- FOR ROOF TOP UNITS SUPPLYING 2000 CFM AND GREATER.

- ELECTRICAL CONTRACTOR. PROVIDE LOCKABLE PROTECTIVE COVERING OVER THERMOSTAT. TYPICAL.
- PROVIDE INLINE EXHAUST FAN AS SCHEDULED. SUPPORT FAN FROM STRUCTURE
- ROUTE SUPPLY AND RETURN DUCTWORK UP TO SECOND LEVEL. REFER TO 2ND LEVEL FOR CONTINUATION.
- ROUTE EXHAUST DUCT UP THROUGH CHASE TO EXISTING ROOF CAP. REFER TO 2ND LEVEL FOR CONTINUATION.
- 5 CONNECT NEW EXHAUST DUCTWORK TO EXISTING EXHAUST DUCTWORK. CONTRACTOR
- CONNECT EXISTING SUPPLY TO NEW SUPPLY DUCTWORK. PROVIDE NECESSARY DUCT
- 7 PROVIDE INLINE EXHAUST FAN AS SCHEDULED. SUPPORT FAN FROM STRUCTURE ABOVE. INTERLOCK FAN WITH THERMOSTAT. RE: 5/M4.0.







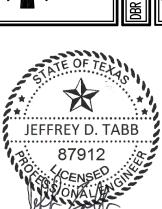
- C. ALL NEW A/C EQUIPMENT SHALL BE CLEANED AFTER THE FINISHING OF DRYWALL AND PRIOR TO THE RELEASE OF BUILDING TO OWNER. MECHANICAL
- D. PROVIDE DUCT-MOUNTED SMOKE DETECTOR IN SUPPLY AND RETURN DUCT

MECHANICAL KEYED NOTES

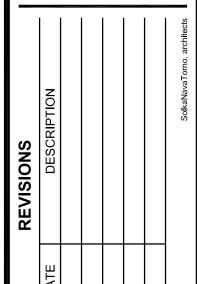
- MOUNT THERMOSTAT AT 48" A.F.F. COORDINATE WITH ARCHITECT AND
- ABOVE CEILING AT SERVICE HEIGHT. INTERLOCK FAN WITH LIGHTS. RE: 5/M4.0.

- SHALL FIELD VERIFY EXACT LOCATION OF EXISTING DUCTWORK.
- TRANSITIONS.

archilects SOLKANINITORNO, ULG



10/30/2017



DRAWING NUMBER

M2.0

OF 33

DATE: 10/30/17



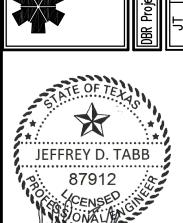
GENERAL MECHANICAL NOTES

- A. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION OF EQUIPMENT, DUCTS, AND GRILLES ETC. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT COMPLETE MECHANICAL SYSTEMS BE FURNISHED, INSTALLED, TESTED AND READY FOR OPERATION WHETHER OR NOT EVERY ITEM OF EQUIPMENT, ACCESSORY, DEVICE, ETC. IS SHOWN. REFERENCE SHALL BE MADE TO THE FULL DRAWING PACKAGE INCLUDING ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATING DUCTWORK.
- B. DUCT DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
- C. ALL NEW A/C EQUIPMENT SHALL BE CLEANED AFTER THE FINISHING OF DRYWALL AND PRIOR TO THE RELEASE OF BUILDING TO OWNER. MECHANICAL CONTRACTOR TO PROVIDE DOCUMENTATION WITH DATE AND TIME OF UNIT CLEANING.
- PROVIDE DUCT-MOUNTED SMOKE DETECTOR IN SUPPLY AND RETURN DUCT FOR ROOF TOP UNITS SUPPLYING 2000 CFM AND GREATER.

MECHANICAL KEYED NOTES

- 1 SUPPLY AND RETURN DUCTWORK FROM LEVEL BELOW. ROUTE ABOVE CEILING.
- ROUTE DUCTWORK UP THROUGH ROOF. COORDINATE WITH STRUCTURAL PRIOR TO ROOF PENETRATION. REFER TO MEP ROOF PLAN FOR CONTINUATION OF DUCTWORK.
- ROUTE EXHAUST DUCT UP TO EXISTING ROOF CAP OPENING. REFER TO MEP ROOF PLAN FOR CONTINUATION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF EXISTING ROOF CAP OPENING.

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-ALL BRANCH CONNECTIONS

SHALL BE PROVIDED WITH

OPPOSED BLADE DAMPER

AND LOCKING QUADRANT,

USE YOUNG'S REGULATOR

IS NOT ACCESSIBLE. PARALLEL

HEIGHT IS 9" OR LESS INSIDE.

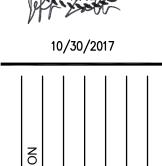
BLADE DAMPER SHALL BE

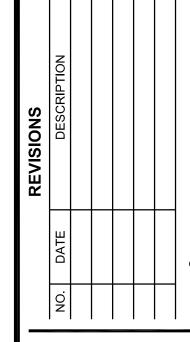
USED IF BRANCH DUCT

IN CEILING IF DAMPER

archileets SOLKA NIPOTOTORNO, LLG







DRAWING NUMBER

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					Г				
		AIR DEVICE SCHE	DULE		L				
MARK	MANUFACTURER/MODEL	TYPE	NC	REMARKS	٥				
Α	TITUS/TMS-AA	24"X24" SUPPLY	25	ALUMINUM CONSTRUCTION. NECK SIZES AS INDICATED BELOW UNLESS NOTED ON PLAN.	MOTOR				
В	TITUS/50F	24"X24" EGGCRATE RETURN	20	ALUMINUM CONSTRUCTION. PROVIDE DAMPER FOR EXHAUST.	CNANA				
С	TITUS/350FL	SIDEWALL RETURN	20	ALUMINUM CONSTRUCTION. SEE MECHANICAL PLAN FOR SIZE.PROVIDE DAMPER FOR EXHAUST.	<u> </u>				
IOTES:									
. PROV	IDE STANDARD WHITE FINISH FOR	ALL AIR DEVICES UNLESS NOTED	OTHERWIS	E ON PLAN.					
PAINT ALL SURFACES VISIBLE THROUGH FACE OF RETURN AIR GRILLES FLAT BLACK. THIS SHALL INCLUDE PIPING, CONDUIT,									

1	. PROVIDE STANDARD WHITE FINISH FOR ALL AIR DEVICES UNLESS NOTED OTHERWISE ON PLAN.
2	2. PAINT ALL SURFACES VISIBLE THROUGH FACE OF RETURN AIR GRILLES FLAT BLACK. THIS SHALL INCLUDE PIPING, CONDUIT,
	DUCTWORK, AND STRUCTURAL MEMBERS.
3	B. PROVIDE FRAME FOR MOUNTING AIR DEVICE IN LAY-IN GRID CEILING UNLESS REFLECTED CEILING PLAN INDICATES HARD CEILING.
	IN AREAS WITH HARD CEILINGS, PROVIDE FRAMES FOR SURFACE MOUNTING.
2	I. UNLESS OTHERWISE NOTED, BRANCH DUCTS SERVING AIR DEVICES SHALL BE SAME SIZE AS NECK OF AIR DEVICE.
	FOR ROUND NECK DIFFUSERS:
	6" DIA: 0-120 CFM
	8" DIA: 125-220 CFM
Г	10" DIA: 225-380 CFM
	12" DIA: 385-600 CFM

	FAN SCHEDULE	T 1			
MARK	EF-1	EF-2	EF-3		
	I.T. CLOSET		RESTROOM		
SERVES	116A	CUSTODIAN/RRs	125		
CFM	75	275	75		
E.S.P. (IN W.G.)	0.375	0.375	0.375		
TYPE	INLINE	INLINE	INLINE		
DIRECT/BELT DRIVE	DIRECT	DIRECT	DIRECT		
FAN RPM	1,075	1,050	1,075		
MOTOR HORSEPOWER	35 W	1/6	35 W		
VOLTS/PHASE/HERTZ	115/1/60	115/1/60	115/1/60		
SONES	1.4	6.4	1.4		
MANUFACTURER	соок	соок	COOK		
MODEL NO.	GN-148	90SQND10D	GN-148		
NOTES	1, 2, 3, 5	1, 2, 3, 4	1, 2, 3, 4		

1. PROVIDE FACTORY MOUNTED DISCONNECT.

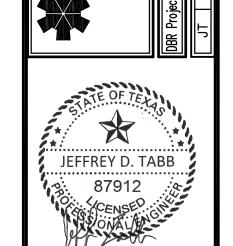
5. INTERLOCK WITH THERMOSTAT TO MAINTAIN 85°F (ADJUSTABLE).

2. PROVIDE SPEED CONTROLLER.
3. PROVIDE VIBRATION ISOLATION.

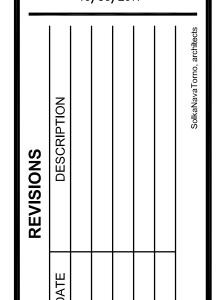
I. INTERLOCK FAN WITH LIGHTS.

Ϋ́	MARK	RTU-1	RTU-2	RTU-3	
010	SERVES	UTILITY	COURT	COURT / ADMIN	
FAN AND MOTOR DATA	SUPPLY AIR (CFM)	2,855	2,000	1,870	
Ž Ž	OUTSIDE AIR (CFM)	261	313	181	
<u> </u>	EXT. SP. (IN W.G.)	1	1	1	
	TOTAL COOLING (MBH)	83.5	81.9	66.6	
NG	SENSIBLE COOLING (MBH)	65.2	50.2	47.0	
COOLING	ENTERING AIR TEMP. DB/WB (F)	76.2 / 63.6	77.9 / 66.4	76.4 / 63.9 52.3 / 51.1 100	
ŏ	LEAVING AIR TEMP. DB/WB (F)	55.1 / 53.7	54.7 / 52.8		
	AMBIENT TEMP. (F)	100	100		
NG	り TOTAL HEATING (KW) / STAGES	13.5 / 2	13.5 / 2	13.5 / 2	
HEATING	ENTERING AIR TEMP. DB (F)	66.5	64.4	66.5	
<u> </u>	LEAVING AIR TEMP. DB (F)	81.4	85.7	90.1	
RIC	VOLTS/PHASE/HERTZ	208 / 3 / 60	208 / 3 / 60	208 / 3 / 60	
ELECTRIC	мса	58.8	53.3	55.3	
<u> </u>	моср	60	60	60	
	MANUFACTURER	JOHNSON CONTROLS	JOHNSON CONTROLS	JOHNSON CONTRO	
_	MODEL	J07ZR	J07ZR	J06ZR	
SENERAL	NOMINAL TONS	7.5	7.5	6.5	
GEN	S.E.E.R./E.E.R. (ARI)	12.5 / 11.2	12.5 / 11.2	12.5 / 11.2	
	WEIGHT (LBS)	1,092	1,092	1,084	
	NOTES	1, 2, 3, 4, 5, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 7, 8	

		GEN	S.E.E.R./E.E.R. (ARI)	12.5 / 11.2	12.5 / 11.2	12.5 / 11.2			
EF-2	EF-3		WEIGHT (LBS)	1,092	1,092	1,084			
ODIAN/RRs	RESTROOM 125		NOTES	1, 2, 3, 4, 5, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 7, 8, 9	1, 2, 3, 4, 5, 6, 7, 8			
275	75	NOTI	ES:						
0.375	0.375	1. P	ROVIDE SINGLE POINT ELECTRICAL CONNECTION.						
INLINE	INLINE	2. P	ROVIDE FACTORY MOUNTED CONDENSER COIL HA	AIL GUARD.					
DIRECT	DIRECT	3. PROVIDE CO2 OUTSIDE AIR CONTROL WITH MODULATING OUTSIDE AIR DAMPERS.							
1,050	1,075	4. P	ROVIDE ECONOMIZER CONTROL WITH POWER EX	HAUST.					
1/6	35 W	5. P	ROVIDE HOT GAS REHEAT COIL.						
15/1/60	115/1/60	6. P	ROVIDE PROGRAMMABLE THERMOSTAT/HUMIDIST	AT WITH LOCKABLE CO	VER.				
6.4	1.4	7. P	ROVIDE FACTORY APPLIED CONDENSER COATING	PROVIDING 3,000 HOUR	SALT SPRAY RESISTAN	CE PER ASTM B117-90.			
соок	соок	8. P	ROVIDE UNIT WITH HORIZONTAL SUPPLY AND RET	URN.					
SQND10D	GN-148	9. P	ROVIDE DUCT-MOUNTED SMOKE DETECTOR ON SI	UPPLY AND RETURN DU	CTWORK ON UNITS GREA	ATER THAN 2000 CFM.			
, 2, 3, 4	1, 2, 3, 4	PRO	VIDE RELAY TO SHUT OFF UNIT UPON SMOKE DET	ECTION. INTERFACE WI	TH FIRE ALARM.				



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INICIPAL BUILDING
FLOOR RENOVATION
KLEBERG AVENUE, KINGSVILLE, TEXAS

DRAWING NUMBER

M5.0

OF 33

DATE: 10/30/17 COMM. NO.: 1609



Plotted: Oct 26, 2017, 10:27 AM by user: jbeltz - Saved: 10/25/2017 by user: mg: N:\17\179001.000\Drawings\0M-179001-DETAILS AND SCHEDULES.dwg

SURGE PROTECTION DEVICE

archilects

(25)



10/30/2017

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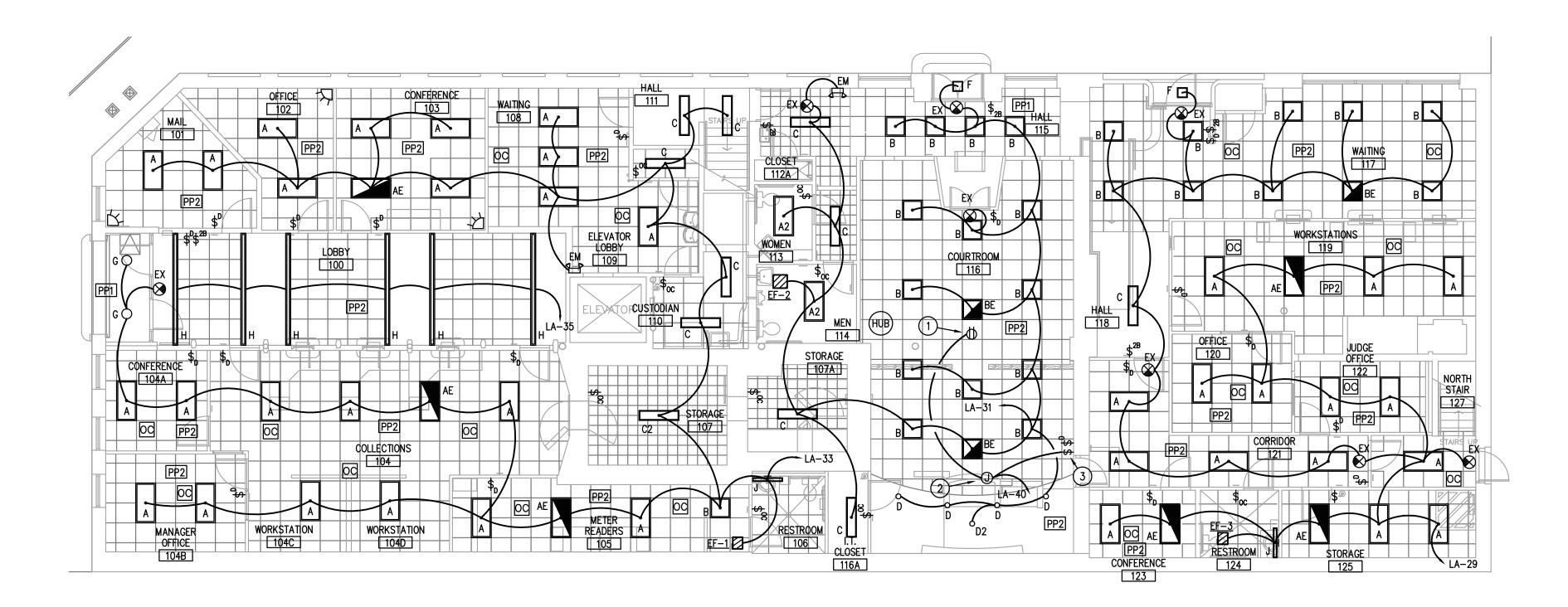
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OF 33

LIGHTING DEMOLITION GENERAL NOTES:

- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE FIELD VERIFIED EXISTING JOB-SITE CONDITIONS DURING THE BIDDING PERIOD TO OBTAIN SCOPE OF ELECTRICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF WORK SHALL INCLUDE ALL LABOR AND MATERIAL CONSISTING OF FIXTURES, DEVICES, EQUIPMENT OR APPARATUS, CONDUIT AND WIRING WHICH MUST BE REROUTED, RELOCATED OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED, SO THAT THE INDICATED REMODELING MAY BE ACCOMPLISHED.
- B. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES, LIGHTING CONTROL DEVICES AND ASSOCIATED CONDUIT AND WIRE.
- C. OWNER SHALL RESERVE THE RIGHT TO CLAIM ALL EQUIPMENT AND CABLING REMOVED DURING DEMOLITION.
- D. ANY EXISTING CONDUIT NOT BEING REUSED ROUTED BELOW GRADE SHALL BE ABANDONED.

FIRST FLOOR LIGHTING DEMOLITION PLAN
1/8"=1'-0"



FIRST FLOOR LIGHTING PLAN 1/8"=1'-0"

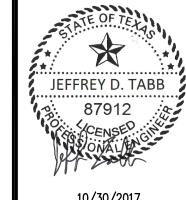
LUTRON WIRELESS LIGHTING CONTROL LEGEND

- 20A, 120/277V WALL MOUNTED TOGGLE SWITCH
- WALL MOUNTED PICO WIRELESS CONTROL, THREE BUTTON ON/OFF WITH DIMMING LUTRON #PJ2-3BRL-GWH-L01 (CW-1-WH)
- WALL MOUNTED PICO WIRELESS CONTROL, TWO BUTTON ON/OFF LUTRON #PJ2-2BL-GWH-L01 (CW-1-WH)
- WALL MOUNTED OCCUPANCY SENSOR WITH MANUAL ON/OFF PROVIDE 120V WIRING TO L LUTRON #MS-OPS2-WH
- CEILING MOUNTED WIRELESS OCCUPANCY SENSOR LUTRON #LRF2-OCR2B-P
- CORNER MOUNTED WIRELESS OCCUPANCY SENSOR LUTRON #LRF2-OKLB-P
- POWER PACK RELAY MODULE PROVIDE WIRING FROM POWER PACK TO LIGHT FIXTURES. I LUTRON #RMJS-16R-DV-B
- POWER PACK DIMMING MODULE PROVIDE WIRING FROM POWER PACK TO LIGHT FIXTURES. LUTRON #RMJS-8T-DV-B
- VIVE WIRELESS HUB PROVIDE 120V CIRCUIT TO 24V POWER SUPPLY LUTRON #HJS-2-FM

NOTE: SEE MANUFACTURER'S WIRING DIAGRAMS FOR ADDITIONAL INFORMATION



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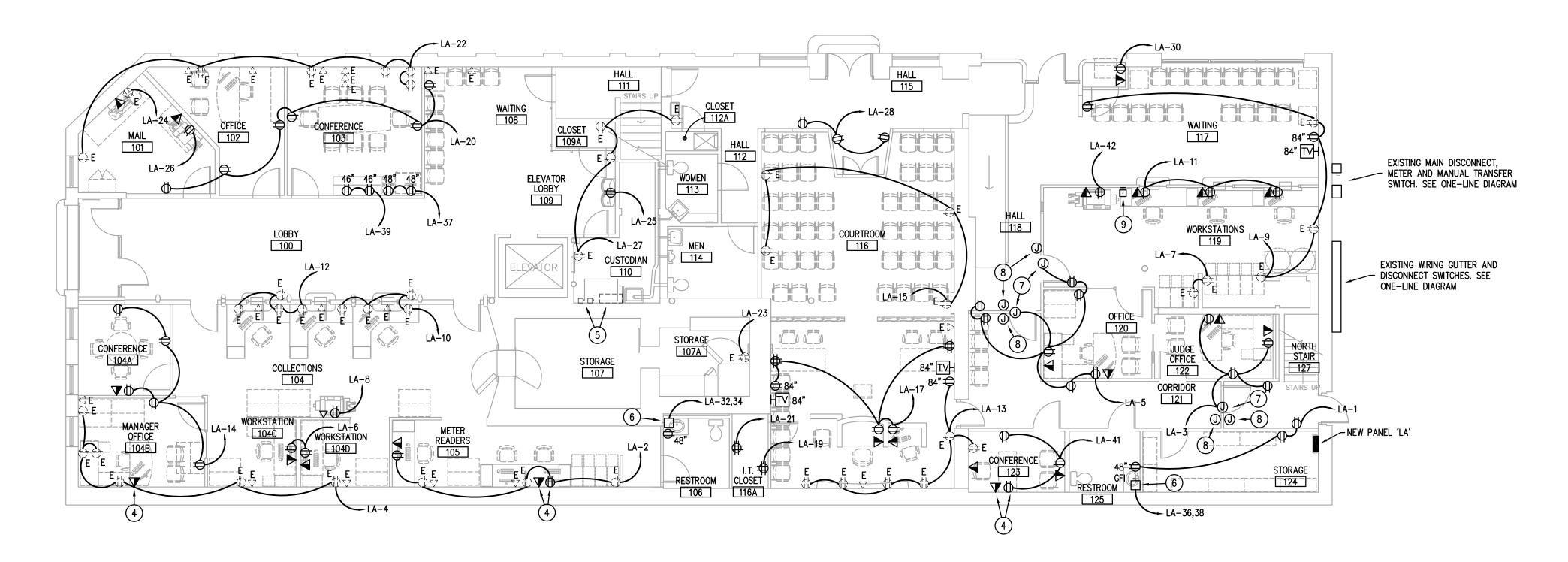


DRAWING NUMBER

E1.0

OF 33

FIRST FLOOR ELECTRICAL POWER DEMOLITION PLAN 1/8"=1'-0"





- PERIOD TO OBTAIN SCOPE OF ELECTRICAL WORK INVOLVED AS A RESULT OF ARCHITECTURAL MODIFICATIONS TO THE EXISTING STRUCTURE. THE SCOPE OF WORK SHALL INCLUDE ALL LABOR AND MATERIAL CONSISTING OF FIXTURES, DEVICES, EQUIPMENT OR APPARATUS, CONDUIT AND WIRING WHICH MUST BE REROUTED, RELOCATED OR REMOVED EITHER TEMPORARILY OR PERMANENTLY, OR WHICH MUST BE PROVIDED, SO THAT THE INDICATED REMODELING MAY BE
- B. ALL EQUIPMENT IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- C. CONTRACTOR SHALL REMOVE ALL ELECTRICAL CONNECTIONS TO EXISTING PREWIRED FURNITURE. REMOVE CONDUIT AND
- D. OWNER SHALL RESERVE THE RIGHT TO CLAIM ALL EQUIPMENT AND CABLING REMOVED DURING DEMOLITION.
- F. ANY EXISTING CONDUIT NOT BEING REUSED ROUTED BELOW GRADE SHALL BE ABANDONED.
- G. ALL EQUIPMENT SHALL BE LOCATED PER NEW POWER PLANS. EXTEND ALL EXISTING FEEDERS AS REQUIRED FOR
- H. CONTRACTOR SHALL REPORT ANY DAMAGED DEVICES THAT ARE SHOWN AS EXISTING TO REMAIN TO THE OWNER BEFORE STARTING WORK. ALL DEVICES FOUND TO BE DAMAGED AT THE TIME OF SUBSTANTIAL COMPLETION THAT ARE
- CABINET AND EXPOSED CONDUIT THAT HAS BEEN ABANDONED MUST BE REMOVED.
- L. VERIFY THE LOADING OF EACH CIRCUIT AFFECTED BY REMODELING WORK. THE MAXIMUM LOAD OF ANY BRANCH CIRUIT MUST NOT EXCEED 80% OF ITS RATING.
- M. REMOVE ALL DEVICES AND WIRING ASSOCIATED WITH ALL EQUIPMENT BEING REMOVED, INCLUDING MECHANICAL AND
- O. ALL ELECTRICAL ITEMS ON 2ND FLOOR SHALL REMAIN IN OPERATION. CONTRACTOR SHALL FIELD VERIFY EXISTING ELECTRICAL SYSTEM IN ORDER TO ENSURE ELECTRICAL SERVICE TO SECOND FLOOR IS NOT DISRUPTED. WHEN MATERIAL AS REQUIRED TO ENSURE CONTINUITY TO ELECTRICAL ITEMS ON 2ND FLOOR.

ELECTRICAL KEYED NOTES:

- 2 DISCONNECT AND REMOVE EXISTING TELE/DATA DEVICE. DISCONNECT AND REMOVE EXISTING CABLING TO ABOVE CEILING.

- 5 EXISTING ELECTRICAL FOR ELEVATOR EQUIPMENT IS EXISTING TO REMAIN.
- PROVIDE POWER TO DOOR HARDWARE AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH DOOR INSTALLER. PROVIDE CONDUIT TO CARD READER AND PUSHBUTTON LOCATION AS REQUIRED.

GENERAL ELECTRICAL REMODEL NOTES:

- A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE FIELD VERIFIED EXISTING JOB-SITE CONDITIONS DURING THE BIDDING ACCOMPLISHED.
- WIRING BACK TO LAST ACTIVE JUNCTION BOX.
- . CONTRACTOR SHALL REMOVE ALL ELECTRICAL DEVICES WITHIN DEMOLISHED WALLS INCLUDING RECEPTACLES, SWITCHES, DATA/TELEPHONE DROPS, FIRE ALARM DEVICES, P/A DEVICES, CONDUIT, AND WIRING. REMOVE CONDUIT AND WIRING BACK TO PANEL OR LAST ACTIVE JUNCTION BOX. REFER TO ARCHITECTURAL DEMO PLAN.
- RELOCATION.
- NOT REPORTED PRIOR TO STARTING WORK SHALL BE REPLACED BY THE CONTRACTOR AT HIS COST.
- WHEN OUTLETS ARE ABANDONED, WIRE MUST BE PULLED OUT OF CONDUIT BACK TO THE NEAREST REMAINING BOX OR
- J. RE-ESTABLISH SERVICE TO ALL OUTLETS THAT MAY BE INTERRUPTED BECAUSE OF REMODELING WORK.
- K. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE OR REINSTALL ALL ITEMS DESCRIBED IN
- PLUMBING EQUIPMENT.
- N. ALL EXISTING LIGHT FIXTURES TO BE RELOCATED MUST BE CLEANED, RELAMPED, TOUCHED UP WITH PAINT AND ALL DAMAGED PARTS REPLACED. THE FIXTURES SHALL THEN BE REINSTALLED AS REQUIRED. PROVIDE NEW BALLAST AS
- DEMOLISHING ELECTRICAL PANELS AND CIRCUITS ON 1ST FLOOR CONTRACTOR SHALL PROVIDE ALL LABOR AND

- 1 DISCONNECT AND REMOVE EXISTING ELECTRICAL DEVICE. DISCONNECT AND REMOVE EXISTING WIRE BACK TO NEAREST J-BOX.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL PANEL. DISCONNECT AND REMOVE EXISTING FEEDER BACK TO SERVICE ENTRANCE GUTTER. DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH LOCATED AT SERVICE ENTRANCE GUTTER. DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUITS.
- 4 INSTALL NEW DEVICE IN SURFACE MOUNTED BOX. PROVIDE SURFACE MOUNTED WIREMOLD RACEWAY TO ABOVE CEILING.
- 208V, 30A/3P, N.F., NEMA 1 DISCONNECT SWITCH FOR INSTANTANEOUS WATER HEATER UNDER SINK. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING.
- 8 FLUSH MOUNTED J-BOX FOR CARD READER. COORDINATE EXACT LOCATION WITH ARCHITECT AND/OR OWNER IN
- 9 FLUSH MOUNTED J-BOX FOR DOOR CONTROL PUSHBUTTON. COORDINATE EXACT LOCATION WITH ARCHITECT AND/OR OWNER IN FIELD.

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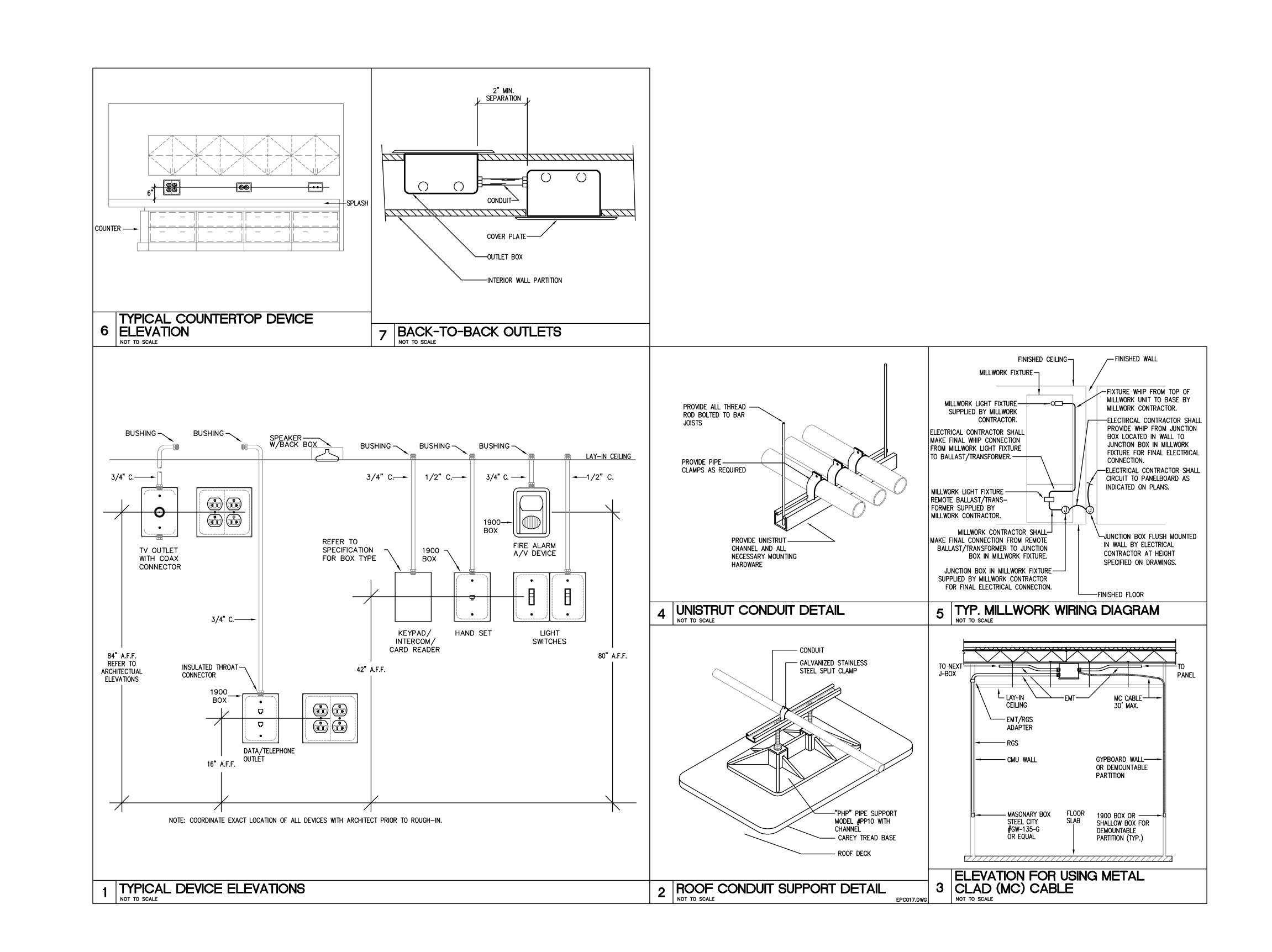


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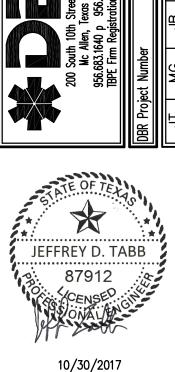
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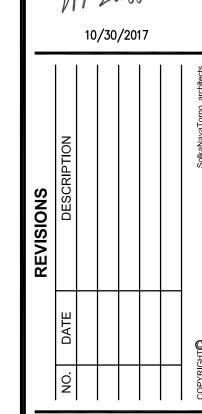
OF 33

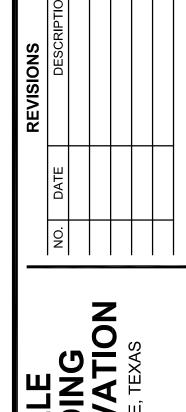




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CITY OF KINGSVILLE
MUNICIPAL BUILDING
FIRST FLOOR RENOVATION
200 E. KLEBERG AVENUE, KINGSVILLE, TEXAS
ELECTRICAL DETAILS

DRAWING NUMBER

E3.0 OF 33

	Panelboard LA											10,000 AIC Rating Existing					
			•	ui		uiu		_						X New			
	120/208	3 Volt,3-Phase,4-	Wire		MCB	0	AMI	P M	CB		\neg	X Single				Mounti	ng
		1 Section		Х	MLO	225	AMI	РΒΙ	JS (C	Copper	r)	Double				X Surface	_
	1								Feed - Thru				Flush				
Notes	Load (VA)	Descripti	on	Туре	Wire	СВ	CKT #	PH	CKT #	СВ		Wire	Туре	Description		Load (VA)	Notes
	540	RECEP	TS	R	12	20/1	1	Α	2	20/1	1	12	R	METER READE	RS	900	
	900	RECEP	TS	R	12	20/1	3	В	4	20/1	1	12	R	CLERK RECEP		1080	
	900	RECEP		R	12	20/1	5	С	6	20/1		12	R	CLERK RECEP	TS	720	
	1200	COPIE		М	12	20/1	7	Α	8	20/1		12	М	COPIER		1200	
	900	WARRANT AR		R	12	20/1	9	В	10	20/1		12	R	UTILITIES/COLLEC		720	
	1260	WARRANT AR		R	12	20/1	11	С	12	20/1	- 11	12	R	UTILITIES/COLLEC		720	
	1260	COURTROOM		R	12	20/1	13	Α	14	20/1		12	R	BREAK ROOM		1000	
	900	COURTROOM		R	12	20/1	15	В	16	20/1		12	R	BREAK ROOM		1000	
	540	COURTROOM		R	12	20/1	17	С	18	20/1		12	R	BREAK ROOM		1000	
	360	IT ROOM (R	12	20/1	19	Α	20	20/1		12	R	ATTORNEY/CONF.		1260	
	360	IT ROOM (QUAD	R	12	20/1	21	В	22	20/1		12	R	ATTORNEY/CONF.	ROOM	1260	
	180	VAULT RE	CEPT	R	12	20/1	23	С	24	20/1		12	М	MAIL ROOM		1000	
	960	EWC	}	М	12	20/1	25	Α	26	20/1		12	М	MAIL ROOM		1000	
	720	RECEP		R	12	20/1	27	В	28	20/1	- 11	12	R	LOBBY/METAL DE		1200	
	1200	LIGHT		L	12	20/1	29	С	30	20/1		12	М	BILL PAY KIOS	BILL PAY KIOSK		
	1200	LIGHT		L	12	20/1	31	Α	32	40/2	\prod	8	WH	IWH		3120	
	1200	LIGHT		L	12	20/1	33	В	34	40/2	۱.		WH	10 01 1		3120	
	1200	LIGHT		L	12	20/1	35	С	36	40/2		8	WH	IWH		3120	
	1200	CONF. RO		R	12	20/1	37	Α	38	40/2	۱.		WH			3120	
	1200	CONF. RO	MOC	R	12	20/1	39	В	40	20/1		12	R	CEILING PROJECTOR		500	
	540	CONF. RO	MOC	R	12	20/1	41	С	42	20/1		12	R	COPIER		1200	
		SPAR	E			20/1	43	Α	44					SPACE			
		SPAR	E			20/1	45	В	46		T			SPACE			
		SPAR	E			20/1	47	С	48					SPACE			
		SPAR	E			20/1	49	Α	50					SPACE			
		SPAR				20/1	51	В	52					SPACE			
		SPAR	E			20/1	53	С	54					SPACE			
	18,720	Subtotal												Subtotal		29,440	
N.E.C	. (2011)	Load Type	Conn.		Fct.	Divers	sity	N.E	.C.	(2011)		Load Ty	/ре	Conn.	Fct.	Diver	sity
22	0.44	(R) Recept.	24,320)		17,1	60		220.	12	(L) Lighting		4,800	125%	6,0	00
22	0.56	(K) Kitchen	0		100%	0			220.	12	(E	L) Ext. Ltg	j .	0	125%	· 0)
22	0.60	(C) Cooling	0		0%	0			620.	14	(E	E) Elevators	3	0	100%	· o)
22	0.60	(H) Heating	0		0%	0					 (ν	VH) Water	Ht.	12,480	100%	12,4	180
22	0.60	(F) Fans	0		100%	0			220	.5	(N	IT) Lrg. Mo	ot.	0	125%	· o)
63	0.11	(W) Welders	0			0					(S	SP) Sub Pa	nel	0	100%	· o)
		M) Misc.	6,560		100%	6,56	0										
		Total Connected Total Load (Dive			48,160 42,200				AMF			Location o	f Pan	el: STORAGE I	ROOM #	‡12 4	

			F	an	elbo	ard	M					10,00	00 AIC Rating Existing X New			
	120/20	8 Volt,3-Phase,4-	Wire		MCB	0	0 AMP M		ICB		Х	Singl	е		Mounti	ng
		1 Section		X	MLO	225	AM	ΡВ	US (Coppe	r)	Doub	ole		X Surfac	е
	3F	R -Nema Rating										Feed	l - Thru		Flush	
Notes	Load (VA) Descripti	ion	Туре	Wire	СВ	CKT #	PH	CKT #	СВ	Wire	Туре	Description		Load (VA)	Notes
	7056			Н	6		1	Α	2		6	Н			6636	
	7056	RTU-	1	Н		60/3	3	В		60/3		Н	RTU-3		6636	
	7056			Н			5	С	6			Н			6636	
	6396	_		Н	6		7	Α	8	20/1		R	ROOF RECEF	PΤ	180	
	6396	RTU-2	2	Н		60/3	9	В					SPACE			
	6396			Н			11	С					SPACE			
			SPARE			20/1	13	Α					SPACE			
		SPAR				20/1	15	В					SPACE			
		SPAR	E			20/1	17	С	18				SPACE			
	40,356	_											Subtotal		20,088	
N.E.C	. (2011)	Load Type	Conn		Fct.	Divers	sity	N.E	E.C.	(2011)	Load T	уре	Conn.	Fct.	Dive	sity
	ll ll	(R) Recept.	180			180)		220.	12	(L) Lighting		0	125%	, C)
22	0.56	(K) Kitchen	0		100%	0			220.	12	(EL) Ext. Li	g.	0	125%	, C)
22	0.60	(C) Cooling	0		0%	0			620.	14	(E) Elevatoi	S	0	100%	, C)
22	0.60	(H) Heating	60,26	4	100%	60,20	64				(WH) Wate	r Ht.	0	100%	, C)
22	0.60	(F) Fans	0		100%	0			220).5	(MT) Lrg. M		0	125%	, C)
63	0.11	(W) Welders	0			0					(SP) Sub P	anel	0	100%	, C)
		(M) Misc.	0		100%	0										
_	Total Connected Load = Total Load (Diversified)=				60,444 60,444				AMF		Location	of Pane	el: RC	OF		

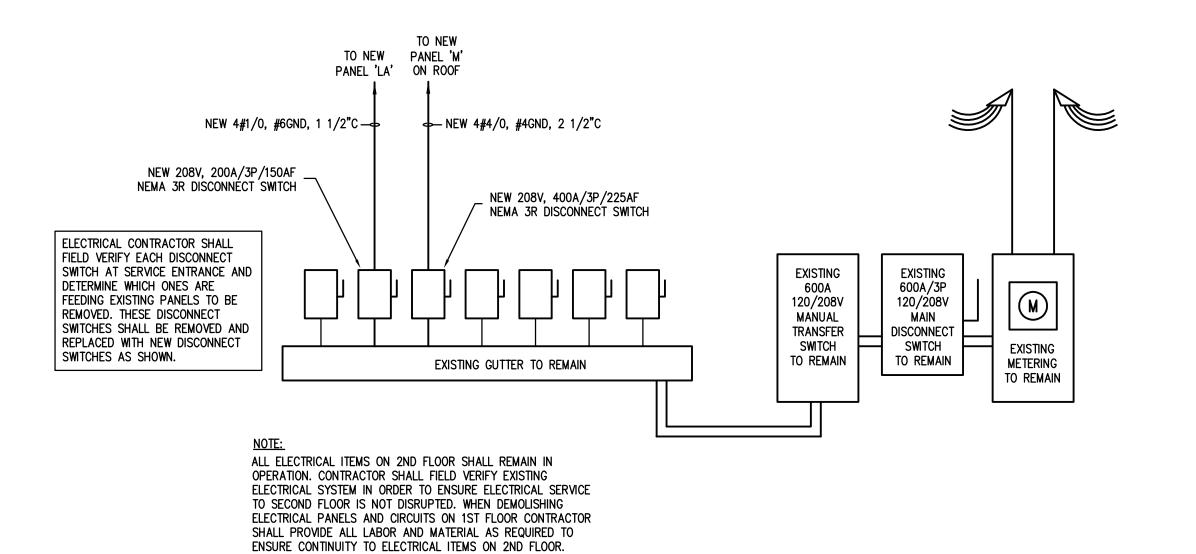
	Panelboard M												Exist X New	•			
	120/20	8 Volt,3-Phase,4-	Wire		MCB	0	AMI	P M	СВ		Х	Sing	le			Mounti	ng
		1 Section		X	MLO	225	AMI	РΒ	US (Copper)	Douk	ole			X Surface	Э
	3	R -Nema Rating										Feed	d - Thru			Flush	
Notes	Load (VA	A) Descript	ion	Туре	Wire	СВ	CKT #	PH	CKT #	СВ	Wire	Туре		Description		Load (VA)	Note
	7056			Н	6		1	Α	2		6	H				6636	
	7056	RTU-	1	Н		60/3	3	В	4	60/3		Н		RTU-3		6636	
	7056			Н			5	С	6			Н				6636	
	6396			Н	6		7	Α	8	20/1		R	R	OOF RECEP	·Τ	180	
	6396	RTU-:	2	Н		60/3	9	В						SPACE			
	6396			Н			11	С	12					SPACE			
	SPARE				20/1	13	Α						SPACE				
	SPARE				20/1	15	В						SPACE				
		SPAR	!E			20/1	17	С	18					SPACE			
	40,356													Subtotal		20,088	
N.E.C	. (2011)		Conn		Fct.	Divers	sity	N. E	E.C.	(2011)	Load T	уре		Conn.	Fct.	Diver	sity
22	0.44	(R) Recept.	180			180	0		220.	12	(L) Lighting			0	125%	5 C	ı
22	0.56	(K) Kitchen	0		100%	0			220.	12	(EL) Ext. Lt	g.		0	125%	5 C	1
22	0.60	(C) Cooling	0		0%	0			620.		(E) Elevator			0	100%	5 C	1
22	0.60	(H) Heating	60,26	4	100%	60,2	64				(WH) Wate	r Ht.		0	100%	, C	İ
22	0.60	(F) Fans	0		100%	0		220.5		(MT) Lrg. M	ot.		0	125%	, C	İ	
63	0.11	(W) Welders	0			0					(SP) Sub P	anel		0	100%	5 C)
		(M) Misc.	0		100%	0											
Total Connected Load = Total Load (Diversified)=					60,444 60,444				AMF AMF		Location	of Pane	el:	RO	OF		

Plotted: Oct 26, 2017, 9:59 AM by user: jbeltz - Saved: 10/25/2017 by user N:\17\179001.000\Drawings\0E-179001-DETAILS AND SCHEDULES.dwg

LIGHT FIXTURE SCHEDULE TYPE MANUFACTURER AND CATALOG NUMBER LED'S WATTAGE NOTES COLOR LUMENS 3500 5000 56 2'x4' LED VOLUMETRIC TROFFER METALUX #24CZ-LD4-50-UNV-L835-CD1-U 3500 5000 SAME AS TYPE 'A' WITH EMERGENCY BATTERY PACK AE | METALUX #24CZ-LD4-50-UNV-EL14W-L835-CD1-U 3500 5000 2'x4' LED VOLUMETRIC TROFFER WITH DRYWALL FRAME KIT A2 | METALUX #24CZ-LD4-50-UNV-L835-CD1-U-DF-24-W METALUX #22CZ-LD5-44-UNV-L835-CD1-U 3500 2'x2' LED VOLUMETRIC TROFFER 4400 42 SAME AS TYPE 'B' WITH EMERGENCY BATTERY PACK BE METALUX #22CZ-LD5-44-UNV-EL14W-L835-CD1-U 3500 4400 3500 4' SURFACE MOUNTED LED WRAPAROUND METALUX #WPLD4035C 4000 3500 1500 D PORTFOLIO #LD6B15D010 EU6B 10208035 6LBW2H 6" RECESSED DOWNLIGHT PORTFOLIO #LD4B-20-D010-EU4B-1020-80-30-4LB-SW-2-H 3000 2000 4" RECESSED WALL WASH DOWNLIGHT SURE-LITES #APC7 EXIT LIGHT WITH EMERGENCY HEADS SURE-LITES #SEL-50-WHITE **EMERGENCY LIGHT** SURFACE CANOPY FIXTURE WITH EMERGENCY BATTERY PACK McGRAW-EDISON #TT-C1-LED-120-MQ-BZ-IBP 4000 3500 PORTFOLIO #LD8A-20-1-DE010-ER8A-20-8-40-8LM0-L1 4000 2000 32 8" RECESSED DOWNLIGHT 77 NEO-RAY #S125-DR-1-35-GYP-11'-1-1-DD-1-W 3500 6677 11' CUSTOM LENGTH, RECESSED DIRECT LINEAR FIXTURE 37" LED VANITY LIGHT SHAPER #605-37-W-L4/835-UNV-ALP 3500 3000 29

A. Light Fixture Substitutions to Specified Product

- 1. Prior approval requests will include the following :
 - a. Full submittal data, by type, clearly highlighted and arrowed to identify the specific proposed manufacturer's nomenclature
 - b. Full submittal data of lamps of proposed manufacturer
- c. Full submittal data of ballast/driver (LED) data of proposed manufacturer
- d. LED lumen data shall include: i. Lumen output
- ii. L70 and L90 testing
- iii. Confirmation of independent test lab data ITL
- iv. Color temperature and CRI with quantity of McAdam Ellipse steps
- v. Data shall include sphere and goniometer results for total lumen, total power, luminaire efficacy, CRI and junction temperature for the specified color temperature vi. Make and brand of LED diode should be clearly identified on submittal data
- vii. LED dimming shall be equal in range and quality to the specified drivers, Quality of dimming to be defined by dimming range, freedom from perceived flicker or visible stroboscopic flicker, smooth and continuous change in level (no visible steps in transitions), natural square law response to control input, and stable when input voltage conditions fluctuate over what is typically experience in a
- commercial environment. viii. All substitutions must meet specified fixtures certifications (UL,ETL,CE,CSA,RoHS,DLC, Energy Star)
- 2. Provide lighting calculations with the prior approval request based on reflectance values and light loss factors provided by the engineer and displayed on lighting calculation drawings. (may be unique by area) Calculations shall be shown on one sheet with dimensions as shown on construction set. Data will be submitted electronically in dxf format on a flash drive and with printed calculations on Architectural E size sheets to scale with construction set sheets. a. Discrepancies between prior approval data calculations and the original design calculations will result in immediate disqualification of review due to time based constraints on the bid process
- 3. Prior approval request may require a sample of both the proposed and specified fixtures provided by the alternate manufacturer at NO additional cost to the project. Samples of both specified and proposed must be provided within 10 working days of request.
- 4. Energy calculations (Comcheck) must be provided with specification sheets including lamp and ballast data supporting input wattages highlighted in yellow and clearly identified by type. Input voltages must coincide with panel schedules. This data will be submitted under separate cover with the prior approval request
- 5. All data will be submitted electronically and in a bound format
- a. Bound data will be secured in hard binder with 3? rings for ease of review.
- b. Types will be marked with a tab by type and indexed for ease of reference
- 6. LED warranty information MUST be included by type and marked in RED to clearly identify the manufacturer's warranty terms. Warranty data MUST meet or exceed the specified manufacturers terms
- 7. Prior approvals MUST be received and acknowleged to the specifiers office no less than 15 days prior to bid.
- 8. ALL prior approval data must be submitted in one package with complete information. Information that is incomplete will be rejected without review.
- 9. The prior approval will be returned marked approved or rejected by type with no explanation. If any specification is deemed not equal the review will be stopped and the type rejected with no explanation.
- 10. Lumen output for the proposed fixture must be highlighted in yellow for clear identification
- 11. All inverter systems that supply power to LED fixtures must have pure PWM sine wave function and work with any type of lighting load.

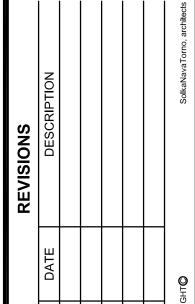


ELECTRICAL ONE-LINE DIAGRAM E4.0 NOT TO SCALE

archillects







DRAWING NUMBER

E4.0

OF 33

PLUMBING SYMBOLS AND ABBREVIATIONS

(NOT ALL ITEMS INDICATED APPLY TO THIS PROJECT)

	ABBREVIATIONS			SYMBOLS	MISCELLANEOUS			
Α	F	N	U	PIPING FITTINGS	5+₹ HOSE BIBB			
AIR (COMPRESSED) BV ABOVE	F FARENHEIT, FIRE FBO FURNISHED BY OTHERS	N.C. NORMALLY CLOSED NFPA NATIONAL FIRE PROTECTION ASSOCIATION	U URINAL UCD UNDER CUT DOOR UG UNDERGROUND UH UNIT HEATER	FIFING FILLINGS	WALL HYDRANT			
ABOVE CEILING ACCESS DOOR, AREA DRAIN	FCO FLOOR CLEAN OUT FCS FLOOR CONTROL STATON	NIC NOT IN CONTRACT N.O. NORMALLY OPEN	UL UNDERWRITERS LABORATORIES, INC. UNO UNLESS NOTED OTHERWISE	——————————————————————————————————————	PLUMBING FIXTURES			
J ADJUSTABLE ABOVE FINISHED FLOOR	FD FLOOR DRAIN, FIRE DAMPER FDSC FIRE DEPARTMENT SIAMESE CONNECTION	NO. NUMBER NTS NOT TO SCALE	U/F UNDERFLOOR U/S UNDERSLAB	————+O ELBOW UP	POINT OF NEW CONNECTION TO EXISTING PIPING			
G ABOVE FINISHED GRADE	FDV FIRE DEPARTMENT VALVE FH FIRE HYDRANT			−−−−+⇒ ELBOW DOWN	FOINT OF NEW CONNECTION TO EXISTING FIFING			
J AIR HANDLING UNIT ALUMINUM	FHC FIRE HOSE CABINET	O	_	─────────────────────────────────────	1 PLUMBING DRAWING NOTE REFERENCE			
ACCESS PANEL CH ARCHITECT, ARCHITECTURAL	FIXT FIXTURE	OC ON CENTER	V	DIRECTION OF FLOW	DETAIL MUMPER OR PLAN			
AIR SEPARATOR	FL FLOW LINES	OD OUTSIDE DIAMETER, OVERFLOW DRAIN OFCU OUTSIDE AIR FAN COIL UNIT	V VOLT VENT	DIRECTION OF SLOPE DOWN	DETAIL NUMBER OR PLAN SHEET WHERE DETAIL OR PLAN IS SHOWN			
ME AMERICAN SOCIETY OF MECHANICAL ENGINEERS	FLR FLOOR FP FIRE PUMP	OPG OPENING OS&Y OPEN STEM AND YOLK	V VOLT, VENT VAC VACUUM(MEDICAL) VB VALVE BOX, VACUUM BREAKER	CONCENTRIC REDUCER	FS FLOW SWITCH			
TM AMERICAN SOCIETY OF TESTING AND MATERIALS	FRZR FREEZER FS FLOW SWITCH, FIRE SPRINKLER	O MEDICAL OXYGEN	VCP VITRIFIED CLAY PIPE VEL VELOCITY VERT VERTICAL	ECCENTRIC REDUCER	TS TAMPER SWITCH			
ACID VENT G AVERAGE	FSK FLOOR SINK FT FOOT, FEET	D	VERT VERTICAL VIB VALVE IN BOX VOV VALVE ON VERTICAL	TEE OUTLET UP TEE OUTLET DOWN				
ACID WASTE S AMERICAN WELDING SOCIETY	FUT FUTURE	P	VP VACUUM PUMP VTR VENT THRU ROOF	——————————————————————————————————————	FIRE HOSE CABINET			
X AUXILIARY		P PUMP, PLUMBING EQUIPTMENT PC PLUMBING CONTRACTOR		——————————————————————————————————————	FIRE DEPARTMENT SIAMESE CONNECTION(WALL MOUNTED)			
В	G	PC PLUMBING CONTRACTOR PD PRESSURE DROP, PLANTER DRAIN PH PHASE, POST HYDRANT	W	——————————————————————————————————————	EIDE DEDADTMENT CLAMECE COMMENTANICES OTAMONICA			
BOILER		PIV POST INDICATOR VALVE PLBG PLUMBING PNELL PNELLMATIC			FIRE DEPARTMENT SIAMESE CONNECTION(FREE STANDING)			
BELOW COUNTER C BACK OF CURB	G GAS GA GAUGE	PNEU PNEUMATIC PNL PANEL PNTU PREVENCE	W WATT, WASTE, WIDTH, WASHER W/ WITHOUT	EXPANSION JOINT STRAINER WITH BLOWDOWN VALVE	PLUMBING RISER DIAGRAM NUMBER			
BELOW FLOOR V BUTTERFLY VALVE	GAL GALLON GALV GALVANIZED	PNTH PENTHOUSE PP POLYPROPYLENE PPM PART PER MILLION	W/O WITHOUT WC WATER CLOSET WCO WALL CLEANOUT	GATE VALVE, HVAC BALANCING/STOP VALVE	PLUMBING RISER DIAGRAM NUMBER SHEET WHERE PLUMBING RISER DIAGRAM IS SHOWN			
BOX HYDRANT	GC GENERAL CONTRACTOR GLV GLOBE VALVE GND GROUND	PRI PRIMARY PRS PRESSURE REDUCING STATION PRV PRESSURE REDUCING VALVE	WH WALL HYDRANT WHA WATER HAMMER ARRESTOR	GLOBE VALVE				
DG BUILDING BENCHMARK	GPD GALLONS PER DAY GPH GALLONS PER HOUR	PRESSURE REDUCING VALVE PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PSIG POUNDS PER SQUARE INCH GAUGE PT PLUMBING TRIM	WM WATER METER WP WEATHERPROOF	BALL VALVE				
F BOTTOM OF FOOTING S BOTTOM OF STRUCTURE	GPM GALLONS PER MINUTE GV GATE VALVE	I PV PLIG VALVE	WPD WATER PRESSURE DROP WWF WELDED WIRE FABRIC	BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS				
BATH TUB J BRITISH THERMAL UNIT		PVC PÖLYVINYL CHLORIDE	WT WATERTIGHT, WEIGHT	OS&Y VALVE				
V BALL VALVE VV BACK WATER VALVE	Н	Q						
		QTY QUANTITY	Y YARD HYDRANT	BUTTERFLY VALVE				
С	HB HOSE BIBB HD HEAD, HUB DRAIN			TWO-WAY MODULATING CONTROL VALVE				
	HORIZ HORIZONTAL HP HORSEPOWER	R	7. 7015	THREE-WAY MODULATING CONTROL VALVE				
CELSIUS B CABINET	HKP HOUSEKEEPING PAD HSC HORIZONTAL SPLIT CASE		Z ZONE	SOLENOID VALVE				
CATCH BASIN CONDENSATE DRAIN LINE	HT HEIGHT HTG HEATING	RCP REFLECTED CEILING PLAN, REINFORCED CONCRETE PIPE		\				
M CUBIC FEET PER MINUTE S CUBIC FEET PER SECOND	HTR HEATER HW HOT WATER HWP HOT WATER DETIION	RD ROOF DRAIN RE REFERENCE, REFER	SYMBOLS	PRESSURE REDUCING VALVE GAS REGULATOR				
H CHILLER CIRCULATING PUMP	HWR HOT WATER RETURN HWS HOT WATER SUPPLY	RECIRC RECIRCULATE		GAS REGULATOR GAS COCK				
CAST IRON CIRCULATING CIRCULATING	HZ HERTZ	RED REDUCER REFR REFRIGERATOR	PLUMBING SYSTEMS	SPRINKLER FLOOR CONTROL STATION				
CENTERLINE G CEILING		REINF REININGFORCING REQU REQUIRED	——————————————————————————————————————	MANUAL AIR VENT				
R CLEAR	<u> </u>	REV REVISION, REVISE	SANITARY DRAIN ABOVE FLOOR	AUTOMATIC AIR VENT				
MU CONCRETE MASONRY UNIT PI CAST IRON PIPE INSTITUTE	ID INSIDE DIAMETER	RM ROOM RPM REVOLUTIONS PER MINUTE	SANITARY VENT	±D~				
PVC CHLORINATED POLYVINYL CHLORIDE CLEAN OUT	IE INVERT ELEVATION IN INCH	RTU ROOFTOP UNIT RV RELIEF VALVE	GREASE WASTE(ABOVE CEILING)	T&P RELIEF VALVE				
OL COLUMN OMB COMBINATION	INSUL INSULATION INT INTERNAL, INTERIOR			LINE CLEANOUT/ WALL CLEANOUT				
OMP COMPRESSOR ONC CONCRETE, CONCENTRIC	IW INDIRECT WASTE		GREASE WASTE(BELOW FLOOR)	FLOOR CLEANOUT				
NN CONNECTION ONT CONTINUOUS, CONTINUATION			STORM DRAIN(ABOVE CEILING)	YARD CLEANOUT				
ONTR CONTROLLER, CONTRACTOR RAC COMPUTER ROOM A/C UNIT	.I		STORM DRAIN(BELOW FLOOR)	PRESSURE GAUGE WITH GAUGE COCK				
TR CENTER U COPPER		201155	OVERFLOW DRAIN(ABOVE CEILING)	Π				
COPPER COLD WATER	JP JOCKEY PUMP	SCHED SCHEDULED SD STORM DRAIN	OVERFLOW DRAIN(BELOW FLOOR)	THERMOMETER				
_		SE SEWAGE EJECTOR SEC SECONDARY	ACID WASTE(ABOVE CEILING)	WATER METER				
D	- K	SECT SECTION SF SQUARE FEET	ACID WASTE(BELOW FLOOR)	FLEXIBLE CONNECTION				
DEPTH, DRAIN, DRYER SIG DESIGNATION	KEC KITCHEN EQUIPTMENT CONTRACTOR	SFCS SPRINKLER FLOOR CONTROL STATION SH SHOWER	AV ACID VENT(ABOVE CEILING OR	PRESSURE AND TEMPERATURE TAP				
DETAIL DRINKING FOUNTAIN	KO KNOCKOUT KVA KILOVOLT— AMPS	SHT SHEET SIM SIMILAR	BELOW FLOOR) ——————————————————————————————————	FLOW VENTURI VACUUM BREAKER				
A DIAMETER DIMENSION	KW KILOWATT	SK SINK SP SUMP PUMP, STATIC PRESSURE						
SC DISCONNECT DOWN		SPEC SPECIFICATION SPR SPRINKLER	HOT WATER RECIRCULATION (TEMPERATURE AS NOTED)	VACUUM RELIEF VALVE				
DOWNSPOUT, DOUBLE SUCTON DISHWASHER	L	SQ SQUARE SS SERVICE SINK	——————————————————————————————————————	BACKFLOW PREVENTOR				
IG DRAWING IH DOMESTIC WATER HEATER IP DOMESTIC WATER PUMP	L LENGTH, LAVATORY LAV LAVATORY	SSD SUBSURFACE DRAIN SSFU SANITARY SEWER FIXTURE UNITS	TEMPERED WATER(FINAL DELIVERY TEMPERATURE AS NOTED)	CIRCULATING PUMP				
P DOMESTIC WATER PUMP	LAV LAVATORT LF LINEAR FEET LP LOW PRESSURE	STD STANDARD STL STEEL	CA————————————————————————————————————	DRAIN(TYPE AND SIZE AS NOTED ON PLANS)				
E	LRA LOCKED ROTOR AMPS LVL LEVEL	STR STRAINER SURF SURFACE	A MEDICAL AIR	ROOF DRAIN OR OVERFLOW DRAIN				
EACH ELECTRICAL CONTRACTOR	LWCO LOW WATER CUT OFF	SUSP SUSPEND	————————— MEDICAL OXYGEN	——(Ô) ROOF DRAIN OR OVERFLOW DRAIN(FROM ABOVE)				
ECCENTRIC ELECTRIC DRINKING FOUNTAIN		SV SANITARY VENT SW SOFT WATER						
EFFICIENCY EXPANSION JOINT	М		FIRE STANDPIPE, FIRE LINE					
ELEVATION CC ELECTRICAL	MAX MAXIMUM		FS WET AUTOMATIC FIRE SPRINKLER					
EV ELEVATOR ERG EMERGENCY	MBTUH THOUSAND OF BTU'S MC MECHANICAL CONTRACTOR	Т	TRAP PRIMER					
CL ENCLOSURE GR ENGINEER	MECH MECHANICAL MFR MANUFACTURER	TD TRENCH DRAIN	DRAIN LINE					
EQUAL UIP EQUIPTMENT	MH MANHOLE MI MALLEABLE IRON	TDH TOTAL DYNAMIC HEAD TH BLK THRUST BLOCK	SOFT WATER					
T EXPANSION TANK IR EXISTING TO REMAIN	MIN MINIMUM MP MEDIUM PRESSURE MS MOD SINK	TP TRAP PRIMER TPD TRAP PRIMER DEVICE						
CT EXTERNAL	MS MOP SINK MTD MOUNTED	TYP TYPICAL						

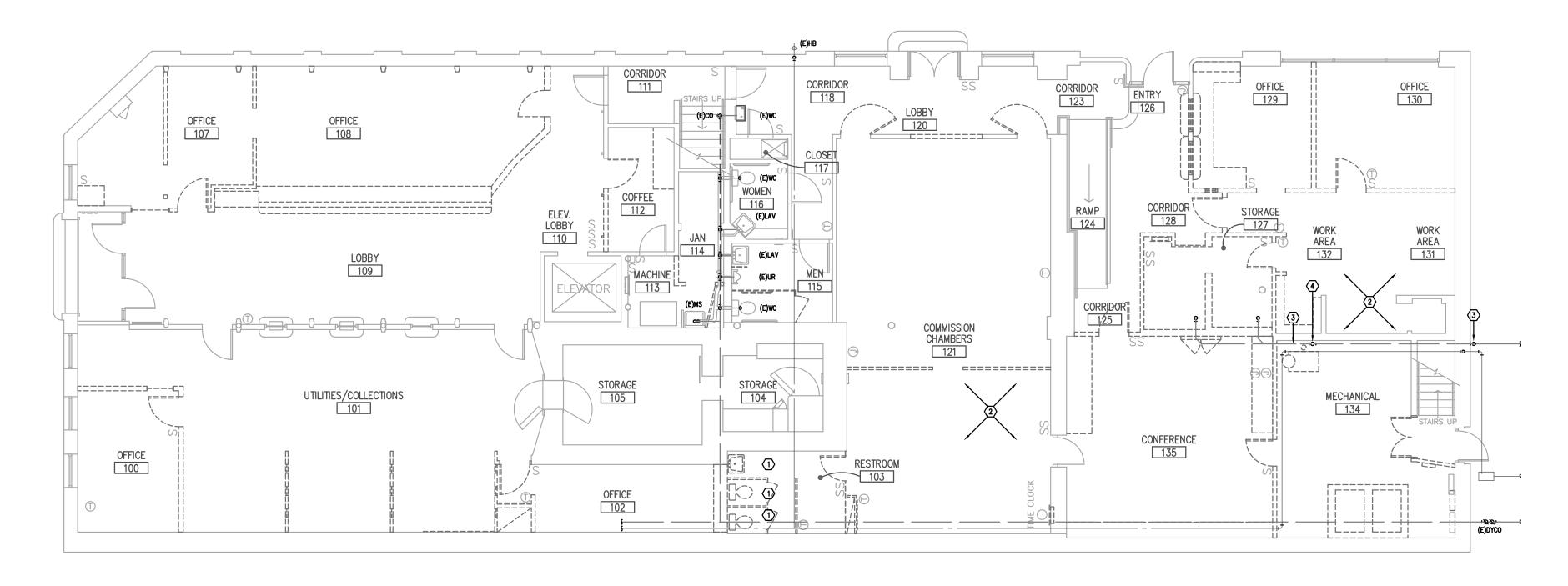
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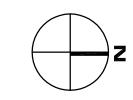


DRAWING NUMBER

OF 33

DATE: 10/30/17





FIRST FLOOR PLUMBING DEMO PLAN

1/8"=1'-0"

GENERAL NOTES:

- (A) ALL FIXTURES, EQUIPMENT AND PLUMBING LINES SHOWN WITH (E) ARE EXISTING TO REMAIN. UNLESS NOTED OTHERWISE.
- (B) THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING ALL WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES INCLUDING THOSE PUBLISHED BY OSHA AND EPA.
- THE EXTENT OF WORK IS INDICATED ON THE ARCHITECTURAL DRAWINGS AND BY THE REQUIREMENTS OF THIS SECTION. A VISIT TO THE SITE WILL BE REQUIRED PRIOR TO BIDDING. CONTRACTOR SHALL IDENTIFY/VERIFY ALL PLUMBING LINES BEFORE STARTING ANY WORK.
- (D) CUTTING OF CONCRETE FLOORS SHALL BE BY MACHINE SAW, HOLES FOR PIPES (WALL OR FLOOR) SHALL BE DONE WITH CORE DRILLING EQUIPMENT WITH PRIOR APPROVAL FROM THE STRUCTURAL ENGINEERS. PATCH AND SEAL OPENINGS AS REQUIRED. COORDINATE ALL CUTTING AND PATCHING WITH OTHER TRADES.
- (E) ALL EXISTING PLUMBING FIXTURES AND EQUIPMENT REMOVED DURING CONSTRUCTION THAT ARE NOT TO BE REUSED SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER
- F) PROVIDE ALL WORK REQUIRED FOR THE REMOVAL OF FIXTURES TO BE DEMOLISHED AND INSTALLATION OF NEW FIXTURES AND ASSOCIATED SERVICES TO PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT. G PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE ARCHITECTURAL DOCUMENTS IN ADDITION TO THE MECHANICAL AND ELECTRICAL DOCUMENTS TO DETERMINE THE COMPLETE SCOPE OF WORK.
- (H) COORDINATE PLUMBING SYSTEMS AS REQUIRED WITH ALL OTHER TRADES. CONTRACTOR SHALL REMOVE ANY AND ALL ABANDONED/UNUSED PIPING, FITTINGS AND APPURTENANCES BACK TO LAST ACTIVE SOURCE; FIELD VERIFY FOR EXACT LOCATIONS.
- EVERY EFFORT HAS BEEN MADE TO SHOW THE APPROXIMATE LOCATIONS OF CONNECTIONS TO THE EXISTING PIPING AND OTHER APPARATUS RELATED TO THIS PHASE OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL ABOVE INFORMATION. CONTRACTOR SHALL INSPECT AND VERIFY ALL DETAILS AND REQUIREMENTS OF ALL THE CONTRACT DOCUMENTS, PRIOR TO SUBMISSION OF PROPOSAL ALL DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND ACTUAL JOB—SITE CONDITIONS SHALL BE RESOLVED BY THIS CONTRACTOR, WHO SHALL PRODUCE DRAWNGS WHICH SHALL BE SUBMITTED TO THE ARCHITECT/OWNER FOR REVIEW.

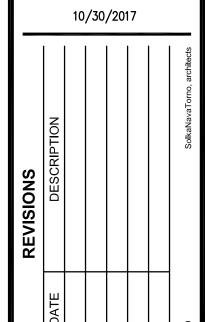
PLUMBING KEYED NOTES:

- 1) DEMOLISH EXISTING FIXTURE INCLUDING ALL ASSOCIATED PIPINGS, FITTINGS AND APPURTENANCES. CAP SERVICES AT CONCEALED LOCATIONS. 2 REMOVE ALL ABANDONED GAS LINES IN THE BUILDING.
- 4 3" C.I. SOIL PIPE SERVING RESTROOM ABOVE DEMOLISH LINE UP TO CEILING SPACE AND REPOUTE LINE ABOVE CEILING AND DROP TO STAIR AREA. RE: 1/P2.01.

archileets





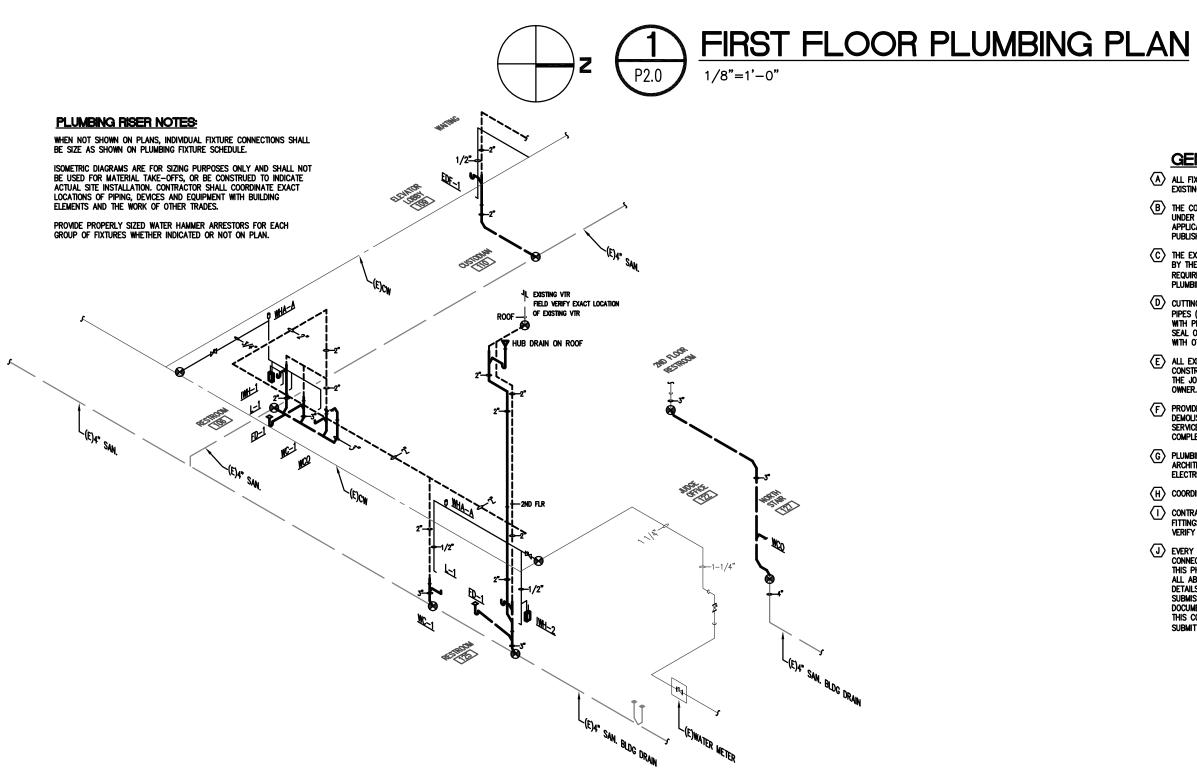


CITY OF KINGSVILLE
MUNICIPAL BUILDING
FIRST FLOOR RENOVATION
200 E. KLEBERG AVENUE, KINGSVILLE, TEXAS
FIRST FLOOR PLUMBING DEMO PLAN

DRAWING NUMBER

P1.0

OF 33



GENERAL NOTES:

- $\overleftarrow{\text{A}}$ all fixtures, equipment and plumbing lines shown with (E) are existing to remain. Unless noted otherwise.
- (B) THE CONTRACTOR IS FULLY RESPONSIBLE FOR PERFORMING ALL WORK UNDER THIS SECTION OF THE PROJECT IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES INCLUDING THOSE PUBLISHED BY OSHA AND EPA. THE EXTENT OF WORK IS INDICATED ON THE ARCHITECTURAL DRAWINGS AND BY THE REQUIREMENTS OF THIS SECTION. A VISIT TO THE SITE WILL BE REQUIRED PRIOR TO BIDDING. CONTRACTOR SHALL IDENTIFY/VERIFY ALL PLUMBING LINES BEFORE STARTING ANY WORK.
- D CUTTING OF CONCRETE FLOORS SHALL BE BY MACHINE SAW, HOLES FOR PIPES (WALL OR FLOOR) SHALL BE DONE WITH CORE DRILLING EQUIPMENT WITH PRIOR APPROVAL FROM THE STRUCTURAL ENGINEERS. PATCH AND SEAL OPENINGS AS REQUIRED. COORDINATE ALL CUTTING AND PATCHING WITH OTHER TRADES.
- ALL EXISTING PLUMBING FIXTURES AND EQUIPMENT REMOVED DURING CONSTRUCTION THAT ARE NOT TO BE REUSED SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
- F PROVIDE ALL WORK REQUIRED FOR THE REMOVAL OF FIXTURES TO BE DEMOLISHED AND INSTALLATION OF NEW FIXTURES AND ASSOCIATED SERVICES TO PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
- G PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE ARCHITECTURAL DOCUMENTS IN ADDITION TO THE MECHANICAL AND ELECTRICAL DOCUMENTS TO DETERMINE THE COMPLETE SCOPE OF WORK. (H) COORDINATE PLUMBING SYSTEMS AS REQUIRED WITH ALL OTHER TRADES.
- CONTRACTOR SHALL REMOVE ANY AND ALL ABANDONED/UNUSED PIPING, FITTINGS AND APPURTENANCES BACK TO LAST ACTIVE SOURCE; FIELD VERIFY FOR EXACT LOCATIONS. EVERY EFFORT HAS BEEN MADE TO SHOW THE APPROXIMATE LOCATIONS OF CONNECTIONS TO THE EXISTING PIPING AND OTHER APPARATUS RELATED TO THIS PHASE OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL ABOVE INFORMATION. CONTRACTOR SHALL INSPECT AND VERIFY ALL DETAILS AND REQUIREMENTS OF ALL THE CONTRACT DOCUMENTS, PRIOR TO SUBMISSION OF PROPOSAL ALL DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND ACTUAL JOB—SITE CONDITIONS SHALL BE RESOLVED BY THIS CONTRACTOR, WHO SHALL PRODUCE DRAWINGS WHICH SHALL BE SUBMITTED TO THE ARCHITECT/OWNER FOR REVIEW.

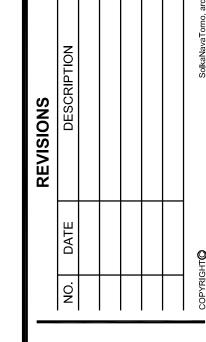
PLUMBING KEYED NOTES

- PROVIDE LAVATORY WITH INSTANTANEOUS WATER HEATER WITH ASSE 1070 USTED TMV. SET AT MAX. 110F, INSTALL UNDER FIXTURE AS HIGH AS POSSIBLE.
- WATER HAMMER ARRESTOR, SIZE AS NOTED. PROVIDE PROPERLY SIZED WATER HAMMER ARRESTOR FOR EACH GROUP OF FIXTURES WHETHER SHOWN OR NOT ON PLANS.
- 3 BALL VALVE ABOVE CEILING. PROVIDE ACCESS PANEL WHERE LOCATED IN AN INACCESSIBLE CEILING. PANEL SHALL BE 12"X12" PAINTED TO MATCH CEILING, PROVIDE MARKING OF VALVE LOCATION ALONG THE CEILING THE.
- $\begin{tabular}{ll} \hline \end{tabular} \begin{tabular}{ll} \end{tabular} \b$
- SANITARY LINE SERVING 2ND FLOOR RESTROOM, ROUTE ABOVE CEILING AND DROP BELOW STAIRWELL AND CONNECT TO EXISTING SEWER LINE OUTSIDE THE BUILDING. PROVIDE WALL CLEAN-OUT 24" ABOVE GRADE LEVEL. REPLACE THE ELBOW CONNECTING THE DRAIN LINE TO UNDERGROUND SEWER. (6) CONNECT VENT TO EXISTING, FIELD VERIFY LOCATION OF EXISTING VTR AT 2ND FLOOR CEILING SPACE. FIELD VERIFY LOCATION OF EXISTING VTR. RE" MEP2.0.
- 7 PROVIDE FLOOR DRAIN WITH TRAP GUARD SEWER GAS PROTECTION.



JEFFREY D. TABB

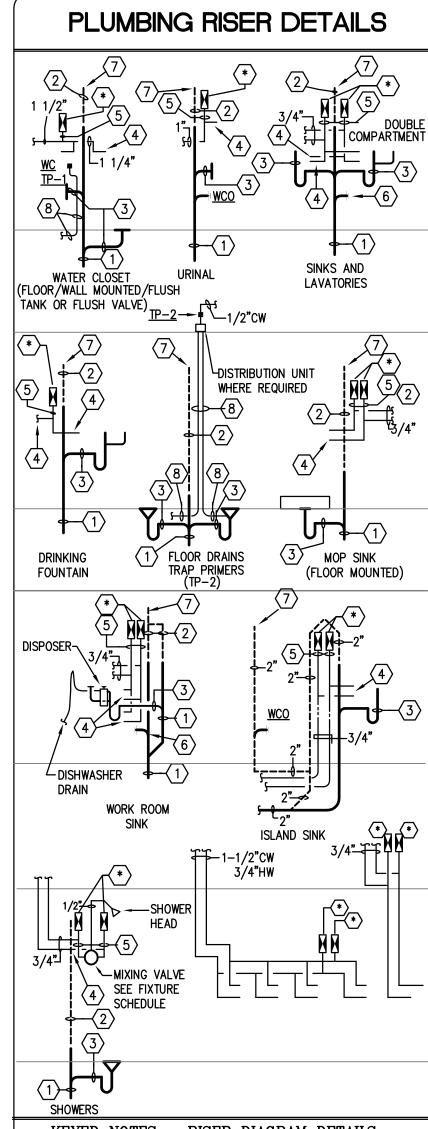
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CITY OF KINGSVILLE
MUNICIPAL BUILDING
FIRST FLOOR RENOVATION
200 E. KLEBERG AVENUE, KINGSVILLE, TEXAS
FIRST FLOOR PLUMBING PLAN

DRAWING NUMBER

OF 33



- KEYED NOTES RISER DIAGRAM DETAILS:

 (SEE PLUMBING FIXTURE SCHEDULE ON SHEET P3.01)
- REFER TO PLUMBING FIXTURE SCHEDULE FOR SOIL OR WASTE ROUGH—IN PIPE SIZE. MINIMUM SOIL OR WASTE DRAIN LINE SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE.
- REFER TO PLUMBING FIXTURE SCHEDULE FOR SANITARY VENT ROUGH—IN PIPE SIZE. MINIMUM SANITARY VENT BRANCH SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE
- REFER TO PLUMBING FIXTURE SCHEDULE FOR FIXTURE DRAIN ROUGH—IN PIPE SIZE. MINIMUM FIXTURE DRAIN AND TRAP SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE
- REFER TO PLUMBING FIXTURE SCHEDULE FOR WATER PIPING ROUGH—IN PIPE SIZE. MINIMUM WATER SUPPLY BRANCH SIZE (EXCEPT AS NOTED) FOR THIS FIXTURE.
- SHOCK ARRESTOR INLET; REFER TO SHOCK ARRESTOR
 SCHEDULE FOR SIZE. LOCATION SHOWN HERE FOR
 INDIVIDUAL FIXTURE WILL VARY WHERE INCLUDED AS PART
 OF PLUMBING CHASE BATTERY OF PIPING. REFER TO RISER
 DIAGRAMS FOR BATTERY LOCATIONS. ARRANGE ALL WATER
 LINES TO GRAVITY DRAIN.
- WALL CLEANOUTS SHALL BE PROVIDED AT ALL END OF BATTERY OR END OF BRANCH LINE FIXTURES AND WHERE REQUIRED BY PLUMBING CODE OFFICIALS TO ASSURE COMPLETE ACCESS TO ALL PORTIONS OF DRAIN.
- SANITARY VENT PIPES SHALL CONTINUE TO CEILING OR HEADER TOGETHER AT MINIMUM 42" ABOVE FINISHED FLOOR.
- TRAP REFULL LINE; SEE PLUMBING DETAILS SHEET. EXTEND AND CONNECT TO FLOOR DRAIN TRAP AS SHOWN.

PLUMBING GENERAL PLAN NOTES:

- ALL PIPE PASSING THROUGH FIRE RATED WALLS OR FLOOR SLABS SHALL BE SUPPORTED AT PENETRATION AND OPENINGS SHALL BE SEALED WITH APPROVED, NON-HARDENING, FIRE STOP MATERIALS AS SPECIFIED OR REQUIRED.
- B CONTRACTOR SHALL COORDINATE WITH THE STRUCTURAL CONDITIONS AT THE SITE AND PROVIDE PROPER ROUGH-IN CONNECTIONS REQUIRED WITHOUT DAMAGE TO STRUCTURE. WHERE STRUCTURAL MODIFICATIONS ARE NECESSARY, CONTRACTOR SHALL FIRST RECEIVE WRITTEN APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD COORDINATING LOCATIONS AND ELEVATIONS OF ALL PLUMBING PIPING WITH OTHER TRADES PRIOR TO INSTALLATION. CORRECTIONS OR RELOCATIONS DUE TO MISALIGNED PIPE SHALL BE PERFORMED IN A TIMELY MANNER AT NO ADDITIONAL COST TO OWNER.
- DO NOT SCALE THE PLUMBING DRAWINGS FOR ROUGH-IN WORK. CONTRACTOR SHALL REFER TO THE DIMENSIONED ARCHITECTURAL AND STRUCTURAL DRAWINGS TO FIELD DETERMINE EXACT LOCATIONS OF PLUMBING ROUGH-IN WORK.
- SANITARY DRAINAGE PIPING 3" AND SMALLER SHALL HAVE A UNIFORM MINIMUM CONTINUOUS SLOPE OF 1/4 INCH PER FOOT OF RUN. DRAINAGE PIPING OF 4" SIZE AND LARGER SHALL SLOPE MINIMUM 1/8 INCH PER FOOT OF RUN. SLOPE ALL VENT PIPING MINIMUM 6" PER 100 FEET OF RUN BACK TO DRAIN.
- PROVIDE AND INSTALL CLEANOUTS AT EACH CHANGE OF DIRECTION OF THE BUILDING SANITARY DRAIN, AT MINIMUM 75' INTERVALS ALONG STRAIGHT RUNS OF MAIN DRAIN AND BRANCHES, AT EACH HORIZONTAL CHANGE OF DIRECTION IN SOIL OR WASTE PIPES GREATER THAN 45 DEGREES, AT END OF INDIVIDUAL BRANCH DRAINS LONGER THAN 5'. PROVIDE CLEANOUTS IN ACCORD WITH INTERNATIONAL PLUMBING CODE SECTION 708.
- (G) INSTALL EACH WATER HEATER AND ALL PLUMBING EQUIPMENT WITH ADEQUATE CLEARANCES FOR ACCESS BY SERVICE PERSONNEL AND WITH PROPER ORIENTATION FOR ELEMENT REMOVALS/REPLACEMENTS.
- PROVIDE ISOLATION VALVES FOR ALL BRANCHES OFF DOMESTIC WATER MAINS. ALL PLUMBING SYSTEM VALVES SHALL BE INSTALLED IN ACCESSIBLE CEILING SPACES. WHERE CEILING IS NOT ACCESSIBLE OR SPACE IS CONFLICTING, VALVES SHALL BE INSTALLED IN PARTITIONS OR PIPE CHASES. PROVIDE APPROVED PAINTED STEEL HINGED ACCESS PANELS IN LOCATIONS PRE-APPROVED BY THE ARCHITECT. PROVIDE STAINLESS STEEL ACCESS DOORS FOR SHOWER, LOCKER AND LOCKER TOILET ROOM PANELS. PROVIDE MARKINGS ON CEILING TILES ON LOCATIONS OF ISOLATION VALVES.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD COORDINATING LOCATIONS OF ALL SANITARY VENTS UP THROUGH ROOF TO MAINTAIN MINIMUM 15' CLEARANCE TO ANY BUILDING OUTDOOR AIR INLET.

GENERAL NOTES - PLUMBING FIXTURES

- 1. MOUNTING HEIGHT ELEVATION OF ALL WALL HUNG OR COUNTER MOUNTED FIXTURES SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION OF ROUGH-IN WORK.
- FOR ALL FIXTURES AND EQUIPMENT WITH ASSOCIATED TRIM OR COMPONENT ACCESSORIES PROVIDED UNDER SEPARATE DIVISIONS AND REQUIRING PLUMBING CONNECTIONS; THIS CONTRACTOR SHALL FIELD COORDINATE EXACT REQUIREMENTS OF, MAKE PROVISIONS FOR, AND SUPPLY ALL MATERIALS AND LABOR FOR MAKING FINAL CONNECTIONS.
- 4. CONTRACTOR SHALL REFER TO SHOP DRAWINGS OF EQUIPMENT TO BE SUPPLIED FOR FINAL COORDINATION OF ALL ROUGH-IN OPENINGS BEFORE BEGINNING WORK.
- 5. ALL FIXTURE AND EQUIPMENT STUB-OUTS SHALL BE PROVIDED WITH A STOP VALVE. ALL FIXTURE STOPS SHALL BE SOLID BRASS, LOOSE KEY OPERATED, CHROME PLATED (WHERE EXPOSED), AND FITTED TIGHT TO CHROME PLATED BRASS WALL ESCUTCHEON PLATES. SUPPLY RISERS SHALL BE STAINLESS STEEL FLEXIBLE CONNECTORS.
- 6. ALL P-TRAPS WITHIN THE BUILDING, ABOVE GRADE AND EXPOSED TO INSPECTION SHALL BE C.P ADJUSTABLE, CAST BRASS WITH CLEANOUT PLUG. PROVIDE CAST BRASS SLIP NUTS AND WASHERS, 17 GAGE SEAMLESS TUBULAR BRASS DRAIN TO WALL AND WALL FLANGE. PROVIDE McGUIRE No. 8872C, 1-1/4" P-TRAP FOR ALL LAVATORIES AND SIMILAR FIXTURES PROVIDE McGUIRE No. 8912C, 1-1/2" P-TRAP FOR ALL SINKS AND SIMILAR FIXTURES.
- 7. PROVIDE DEEP SEAL P-TRAP FOR ALL DRAINS OF INFREQUENT USE OR REQUIRING TRAP PRIMER.
- 8. ALL ROUGH IN OPENINGS SHALL BE FITTED WITH CHROME PLATED, WROUGHT BRASS DEEP BELL OR BOX ESCUTCHEON PLATES FITTED TIGHT TO THE PIPE AND FLUSH TO THE WALL. STEEL ESCUTCHEON
- 9. ALL EXPOSED BRASS SHALL BE CHROME PLATED.
- 10. ALL HANDICAPPED ACCESSIBLE FIXTURES INDICATED WITH SHALL BE PROVIDED OF APPROVED TYPES AND WITH REQUIRED CONTROLS AND INSTALLED TO HEIGHTS AND CLEARANCES, AS PRESCRIBED BY AMERICANS WITH DISABILITIES ACT (ADA). FIXTURES SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ACCESSIBILITY CODE REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED MOUNTING HEIGHTS AND SPECIFIED CLEARANCE REQUIREMENTS. PROVIDE FIXTURES WITH DEPTHS AT MAXIMUM PERMITTED AND AVAILABLE FOR INTENDED FIXTURE
- 11. ALL WHEELCHAIR LAVATORY AND SINK PIPING WHERE EXPOSED SHALL BE INSULATED. PROVIDE OFFSET DRAIN FITTINGS WHERE REQUIRED TO PROVIDE MINIMUM CLEARANCES. REFER TO SPECIFICATIONS SECTION 15440.
- 12. ALL SINKS FOR HANDICAPPED USE SHALL BE STAMPED WITH DRAIN OUTLET AT REAR OF BOWL.
- 13. PLUMBING FIXTURES SHALL BE OF WATER CONSERVATION TYPE IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS FOR WATER SAVING PERFORMANCE. LAVATORY AND SINK FAUCETS SHALL INCLUDE 2.2 GPM FLOW CONTROL.
- 14. ORIENT ADA WATER CLOSET FLUSH VALVE WITH OPERATOR ON WIDE SIDE OF ENCLOSURE.
- 15. SEAL ALL SPACES BETWEEN PLUMBING FIXTURES AND MOUNTING SURFACES WITH WHITE LATEX CAULK WIPED SMOOTH AND FLUSH WITH FIXTURE.
- 16. FLOOR DRAINS SHALL BE INSTALLED AT LOW POINTS OF UNIFORMLY SLOPED FLOOR. CONTRACTOR SHALL FIELD COORDINATE WITH STRUCTURAL TO INSURE FLOORS ARE SLOPED UNIFORMLY ACROSS ENTIRE TOILET ROOMS OR OVER AS WIDE AN AREA AS PRACTICAL FOR OPEN AREA FLOOR DRAINS. CONVEX FLOOR SLOPE IN THE IMMEDIATE VICINITY OF THE FLOOR DRAIN IS NOT ACCEPTABLE.

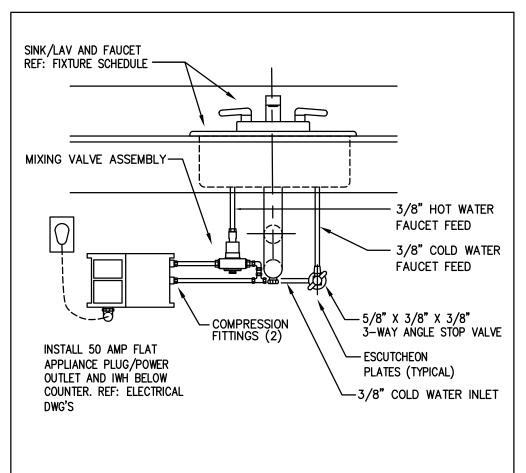
PLUMBING FIXTURE SCHEDULE									
PLAN MARK	MII	MUMIN	ROUGH-	-IN SIZ	ZES	DESCRIPTION			
PLAN MARK	WST &	VENT	DRAIN	CW	HW	DESCRIPTION			
WATER CLOSET WC-1	3"	2"	4"	1/2"		KOHLER "CIMARRON" COMPLETE SOLUTION K-11451 ELONGATED, WITH AquaPiston FLUSHING SYSTEM. INCLUDES SEAT, COVER, WAX RING, TRIP LEVER. AND HARDWARE. CHROME PLATED SUPPLY AND STOP. 1.28 GPF, 12" ROUGH-IN, 16 1/2" RIM HEIGHT.			
LAVATORY-COUNTER TOP L-1	2"	1-1/2"	1-1/4"	1/2"	1/2"	KOHLER "PENNINGTON" DROP-IN K-2196-4 WHITE VC LAVATORY WITH FRONT OVERFLOW W/ SINGLE HOLE FOR CHICAGO FAUCET 116.221.AB-E2805, WITH 6 VOLT LITHIUM BATTERY.			
ELECTRIC DRINKING FOUNTAIN EDF-1	2"	2"	1-1/2"	1/2"		ELKAY EMABFTL8 BARRIER-FREE ACCESS, LEAD FREE WALL MOUNTED BI-LEVEL DUAL WATER COOLER, 8.0 GPH CAPACITY COOLED TO 50° F WITH 80° F AMBIENT TEMP, 1/5 HP, 4.0 FL. AMPS WIRED FOR 120V/60/1 POWER. PROVIDE ZURN OR EQUAL FLOOR MOUNTED PLATE TYPE CARRIER. PROVIDE APRON FOR SIDE ACCESS CLEARANCE (LKAPREZL) AND TRAP AND SUPPLY AS NOTED BELOW. PROVIDE WITH ALL STAINLESS STEEL CABINET.			
FLOOR DRAIN FD-1	3"	2"				ZURN No.ZN-415 CAST IRON DRAIN WITH 6" DIAMETER TYPE 'B' STRAINER. W/ PROSET TRAPGUARD			
WALL CLEAN-OUT WCO						ZURN No. ZN-1443 DURO-COATED CAST IRON CLEANOUT TEE WITH COUNTER-SUNK GASKET, WATERTIGHT THREADED PLUG AND SQUARE SMOOTH ACCESS COVER WITH VANDAL PROOF SCREWS.			
INSTANTANEOUS WATER HEATER IWH-1, IWH-2				1/2"	1/2"	INSTANT-FLOW MICRO MIX WATER HEATER EQUAL TO CHRONOMITE M-30L/208-MM, 208V/1PH, 6.24 KW, 30 AMPS. 53°F RISE AT 0.8 GPM. WITH ASSE1070 MIXING VALVE SET AT 110°F.			

PLUMBING PIPE MATERIALS SCHEDULE									
PIPING SYSTEM									
SANITARY DRAINS AND VENTS INSIDE BUILDING AND BELOW GROUND	SCHEDULE 40 PVC DWV								
SANITARY DRAINS AND VENTS INSIDE BUILDING AND ABOVE GROUND	SCHEDULE 40 PVC DWV								
SANITARY DRAINS AND VENTS INSIDE BUILDING AT PLENUM CEILING	SCHEDULE 40 PVC DWV								
DOMESTIC HOT & COLD WATER INSIDE BUILDING AND ABOVE GROUND	COPPER, TYPE "L" HARD DRAWN								

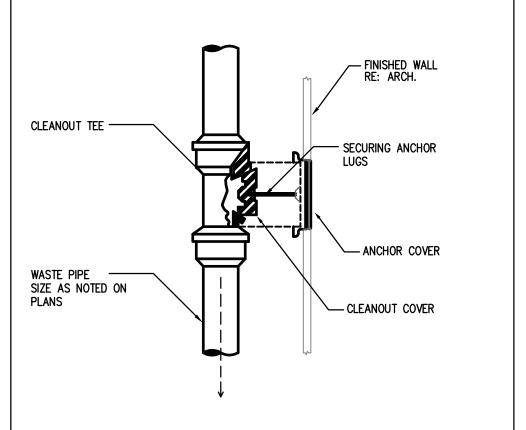
SHOCK ARRESTOR SCHEDULE									
* P.D.I. SYMBOL	FIXTURE UNITS	SIZE							
A	1–11	1/2" NPT							
B	12-32	3/4" NPT							
<u>(C)</u>	33-60	1" NPT							
D	61–113	1 1/4" NPT							
E	114–154	1 1/2" NPT							
F	155-330	2" NPT							
PIPING RISER DIAGRAMS ILLUSTRATE SHOCK ARRESTORS FOR FIXTURE									

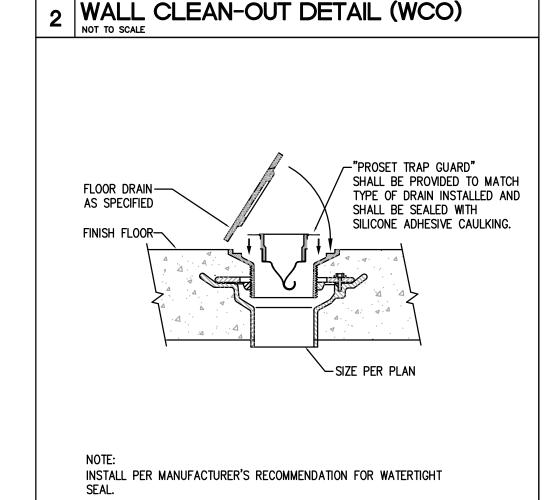
WATER PIPE OPENINGS. SHOCK ARRESTORS FOR FIXTURE WATER PIPE OPENINGS. SHOCK ARRESTORS, WHERE USED, SHALL BE SIZED AS NOTED IN PLUMBING RISER DETAILS ON THIS SHEET OR PER PLUMBING CODE REQUIREMENTS, WHICHEVER PLACES THE MOST STRINGENT REQUIREMENT.

SHOCK ARRESTORS SHALL HAVE LIFETIME WARRANTY AND SHALL BE CERTIFIED BY THE MANUFACTURER TO BE SUITABLE FOR INSTALLATION WITHOUT REQUIREMENT FOR ACCESS DOORS.



INSTANTANEOUS WATER HEATER

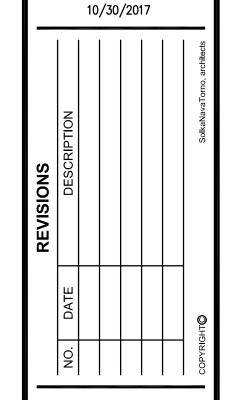




TRAPGUARD DETAIL



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JEFFREY D. TABB

Y OF KINGSVILLE
ICIPAL BUILDING
LOOR RENOVATION
BERG AVENUE, KINGSVILLE, TEXAS
MBING SPECIFICATIONS

RST FLOC 200 E. KLEBERG A

DRAWING NUMBER

P4.0

OF 33