



Addendum

PROJECT:
New Administration Building Renovation
3103 Ave. G
Hondo, Texas 78861

ADDENDUM NO.: 2

OWNER:
Medina Healthcare System, Inc.
3100 Avenue E
Hondo, Texas 78861

DATE OF ISSUANCE: September 3, 2024

ARCHITECT:
GRG Architecture
118 Broadway, Suite 620
San Antonio, Texas 78205

ARCHITECT'S PROJECT No.: 240224

NOTICE: This Addendum is issued by the Architect and is hereby made a portion of the documents for bidding and/or for the contract documents. Contractor is required to acknowledge receipt of this Addendum.

GENERAL ITEMS:

- Pre-Bid Meeting Agenda (attached).
- Non-mandatory Pre-Bid Meeting Sign-In Sheet (attached).
- Jobsite Availability 24 Hours Prior to Bid Submission (coordination with Owner's representative required – no attachment)

SPECIFICATION SECTIONS:

- N/A

DRAWING SECTIONS:

- Accessibility: Ensure compliance with reach ranges and parking dimensions and signage (painted and mounted per TAS and reference sheet G102 – no attachment).
- Architectural: Adjust location of paper towel dispenser in Room 146 (see attached plans).
- MEP: Adjust transfer duct locations; revise drain and water supply locations; add new lighting at exterior canopy; add power for parapet signage; and add light fixture type (see attached narrative and plans).

ATTACHMENTS:

- Pre-Bid Meeting Agenda; One (1) page – 8-1/2"x11".
- Non-Mandatory Pre-Bid Meeting Sign-In Sheet; One (1) page – 8-1/2"x11".
- Architectural Plans: A102 and A502; Two (2) sheets - 24"x36".
- MEP Narrative: One (1) page – 8-1/2"x11".
- MEP Plans: M-101, P1.1, E101, E202 and E301; Five (5) sheets – 24"x36"

END OF ADDENDUM



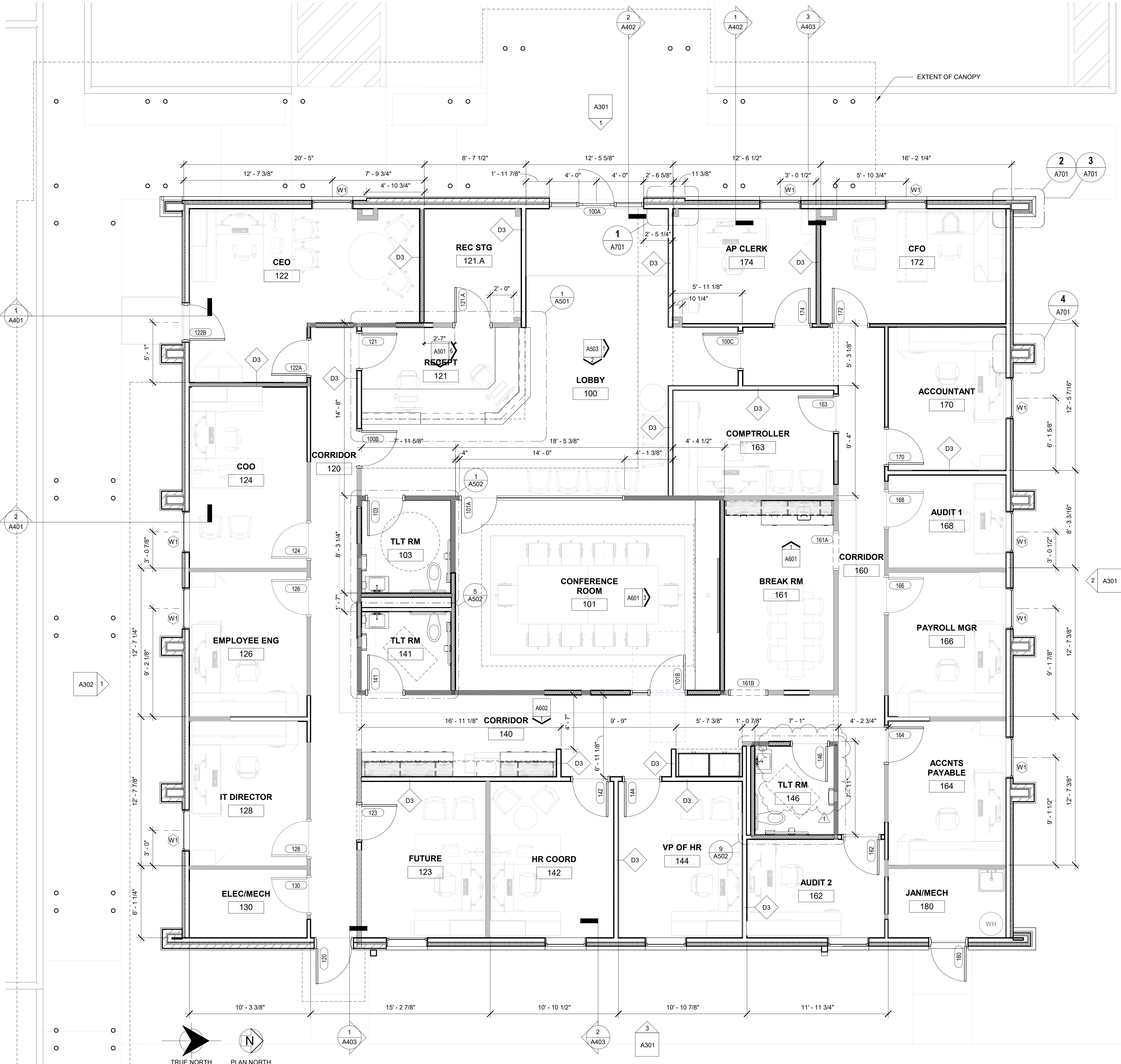


PRE-BID MEETING AGENDA

New Administration Building Renovation - Hondo

August 22, 2024

1. Procurement and Contracting Requirements:
 - a. Advertisement for Bids.
 - b. Instructions to Bidders.
 - c. Bidder Qualifications.
 - d. Bonding.
 - e. Insurance.
 - f. Bid Security.
 - g. Bid Form and Attachments.
 - h. Bid Submittal Requirements.
 - i. Bid Submittal Checklist.
 - j. Notice of Award.
2. Communication during Bidding Period:
 - a. Obtaining documents.
 - b. Access to Project Web site.
 - c. Bidder's Requests for Information.
 - d. Bidder's Substitution Request/Prior Approval Request.
 - e. Addenda.
3. Contracting Requirements:
 - a. Agreement.
 - b. The General Conditions.
 - c. The Supplementary Conditions.
 - d. Other Owner requirements.
4. Construction Documents:
 - a. Scopes of Work.
 - b. Temporary Facilities.
 - c. Use of Site.
 - d. Work Restrictions.
 - e. Alternates, Allowances, and Unit Prices.
 - f. Substitutions following award.
5. Separate Contracts:
 - a. Work by Owner. – Security, Door Access Controls and Computer System
 - b. Work of Other Contractors. – none currently
6. Schedule:
 - a. Project Schedule.
 - b. Contract Time.
 - c. Liquidated Damages.
 - d. Other Bidder Questions.
7. Site/facility visit or walkthrough.
8. Post-Meeting Addendum.
9. Sign-in Sheet



GENERAL NOTES - NEW FLOOR PLAN

- A. CONTRACTOR SHALL COORDINATE INSPECTIONS (IF REQUIRED) BY STATE AND LOCAL AGENCIES AND MEET ANY APPLICABLE CODE FOR THE INTERIOR FINISH OUT RENOVATION PROJECT. NOTIFY ARCHITECT AND OWNER THROUGHOUT THE PROCESS.
- B. ALL DIMENSIONS TO FACE OF GYP. BD WALL UNLESS OTHERWISE NOTED ON THE PLANS.
- C. ALL WORK SHALL BE SCHEDULED IN A MANNER TO MAINTAIN THE OWNERS CONTINUOUS USE OF THE BUILDING.
- D. ALL CONSTRUCTION DEBRIS AND MATERIALS SHALL BE REMOVED WITH MINIMAL DISTURBANCE. COORDINATE DEBRIS REMOVAL AND DISPOSAL WITH THE OWNER'S REPRESENTATIVE CONSTRUCTION MANAGER. ENSURE EXISTING FLOORS, WALLS, CEILING, ETC. ARE PROTECTED DURING THE PROCESS.
- E. MAINTAIN A CLEAN AND SAFE WORK ENVIRONMENT AND ENSURE PUBLIC AREAS ARE FREE OF DEBRIS. PROPERLY DISPOSE OF ALL MATERIALS.
- F. LOCATE TEMPORARY WALLS WITH EXIT SIGNS WHERE REQUIRED. DO NOT BLOCK EXISTING FIRE EXITS. THE CONTRACTOR SHALL CONTACT THE OWNERS REPRESENTATIVE BEFORE ERECTING TEMPORARY PARTITIONS FOR COORDINATION OF THESE WALLS.
- G. RENOVATION WORK WILL BE COORDINATED AND GOVERNED BY THE EXTENT AND REQUIREMENTS OF THE NEW CONSTRUCTION.
- H. SEE T&S/ADA SHEETS FOR TOILET ACCESSORY MOUNTING HEIGHTS.
- I. RECESSED ITEMS SHALL MAINTAIN WALL RATING ASSEMBLY.
- J. PROVIDE CAULK AT ALL INTERIOR DOOR FRAMES, PARTITIONS, DEVICE BOXES, ETC.
- K. MATCH EXISTING WALL ASSEMBLIES PER PLAN.
- L. PROVIDE GYP. BD. TO DECK WITH SOUND BATT AT ALL TOILET ROOMS.
- M. PROVIDE TOPPING SLAB AT EXTERIOR ENTRY. REF. STRUCTURAL.

LEGEND - FLOOR PLAN

- EXISTING WALLS TO REMAIN
- NEW INTERIOR WALLS CONSTRUCTION
- NEW EXTERIOR WALLS CONSTRUCTION
- CONCRETE TO BE DEMOLISHED



118 BROADWAY, SUITE 620
SAN ANTONIO, TX, 78205
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08/02/2024
Consultant

Revisions:

1	ADDENDUM #02	09/03/2024
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**MEDINA HEALTHCARE SYSTEM NEW
ADMINISTRATION BUILDING RENOVATION**
 3103 AVE G. HONDO, TX 78861

Page Description
FLOOR PLAN

These drawings and accompanying specifications are to be an instrument of service and shall remain the property of the architect. They are not to be used on other projects or extensions of this project except by agreement in writing and with appropriate compensation to the architect.

Drawn By: STAFF
Checked By: EG
Project No. 240224
Date: 02 AUG 2024
Page

A201

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



Revisions:

1	ADDENDUM #02	09/03/2024
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MEDINA HEALTHCARE SYSTEM NEW
ADMINISTRATION BUILDING RENOVATION
3103 AVE G. HONDO, TX 78861

Page Description
TOILET ROOM AND
INTERIOR ELEVATIONS

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Drawn By: STAFF

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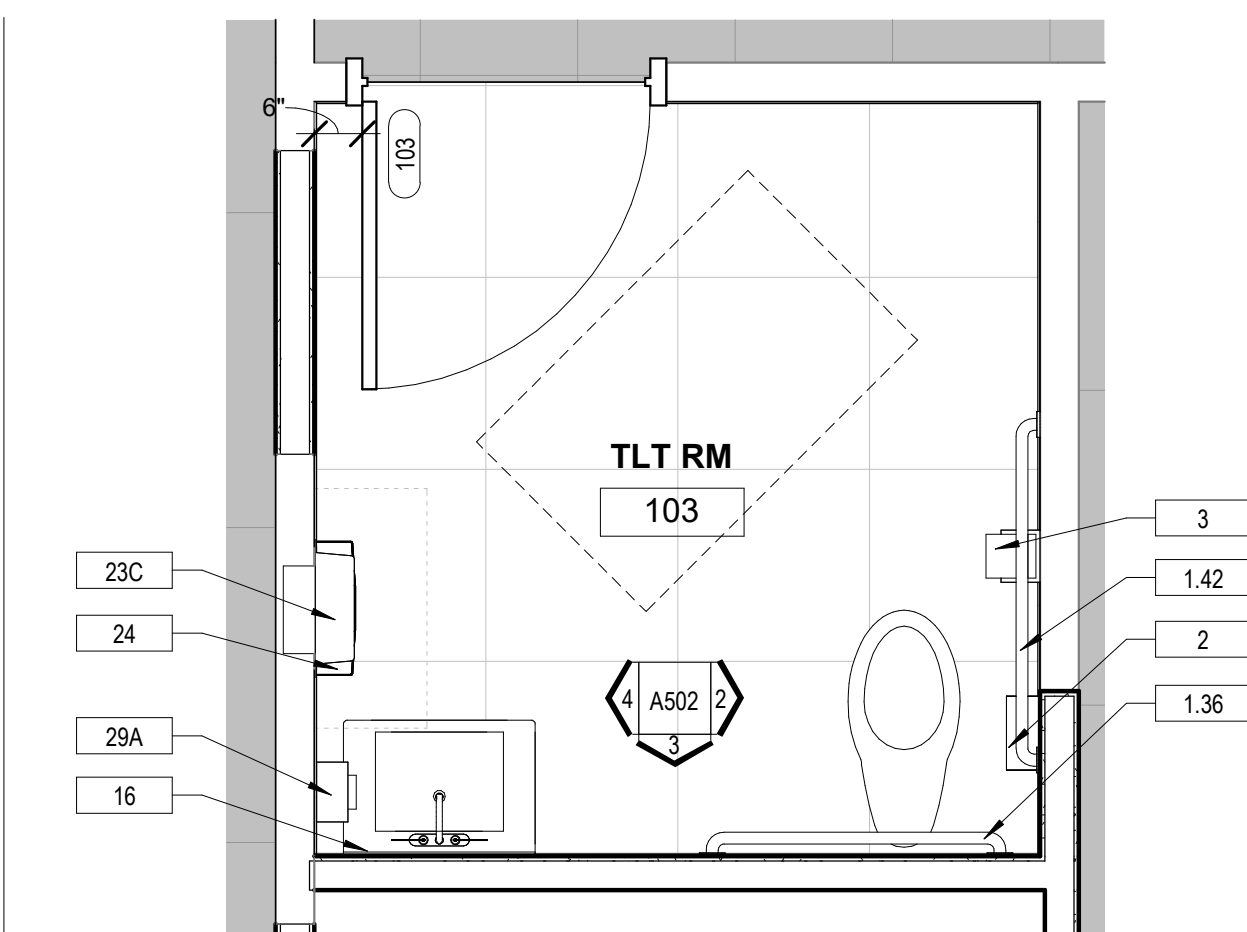
Project No. 240224

Date: 02 AUG 2024

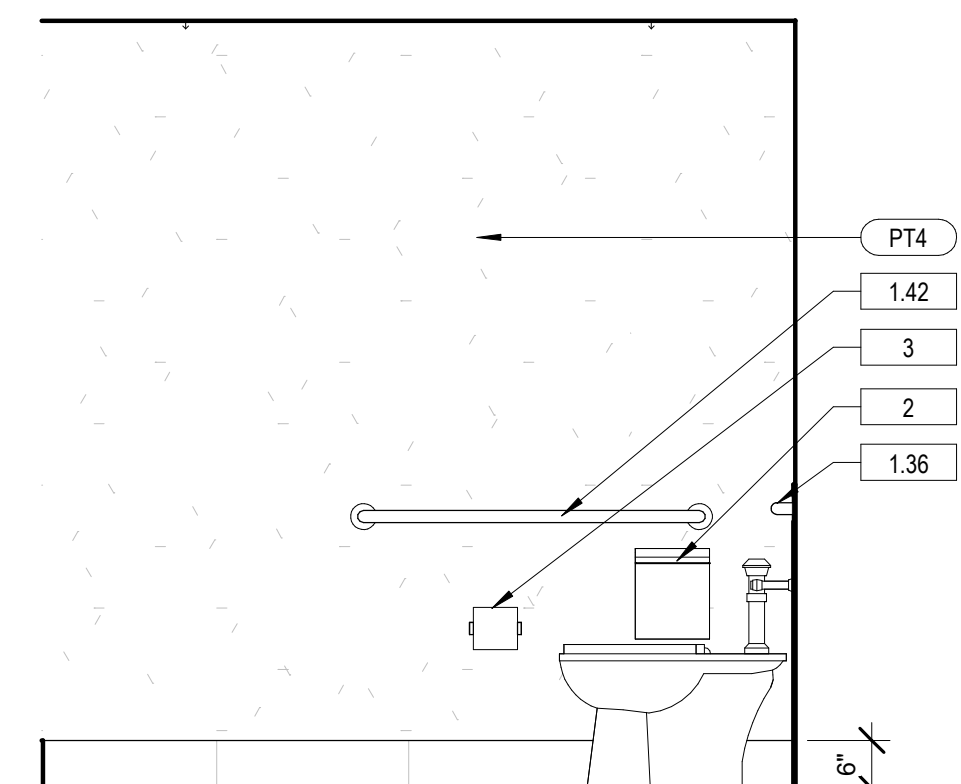
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GENERAL NOTES - TOILET ROOMS

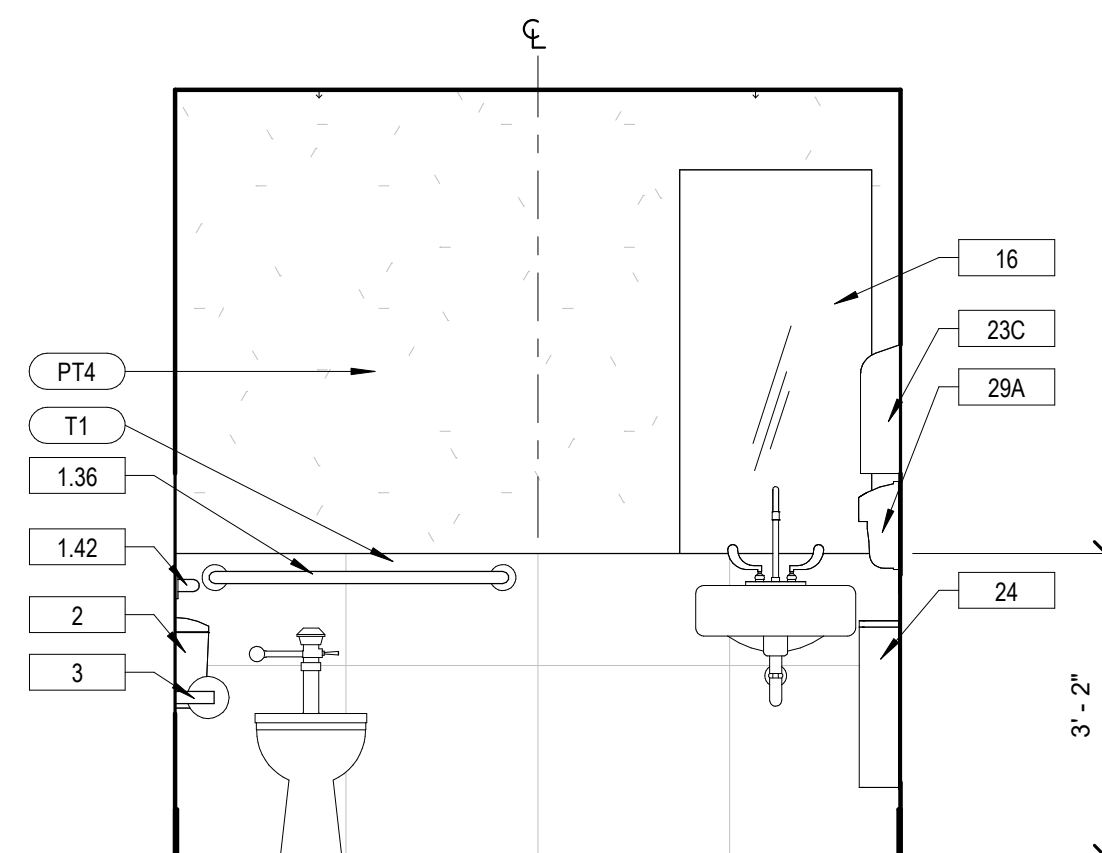
- A. PROVIDE SCHLUDER (MODEL: JOLLY EDGE ALUMINUM PROFILES - MATTE WHITE) AT TOP OF VERTICAL TILE.
- B. ALIGN GROUT LINES OF VERTICAL TILE WITH GROUT LINES OF TILE FLOORING.
- C. PROVIDE EPOXY PAINT AT TOILET ROOMS. (PT4)



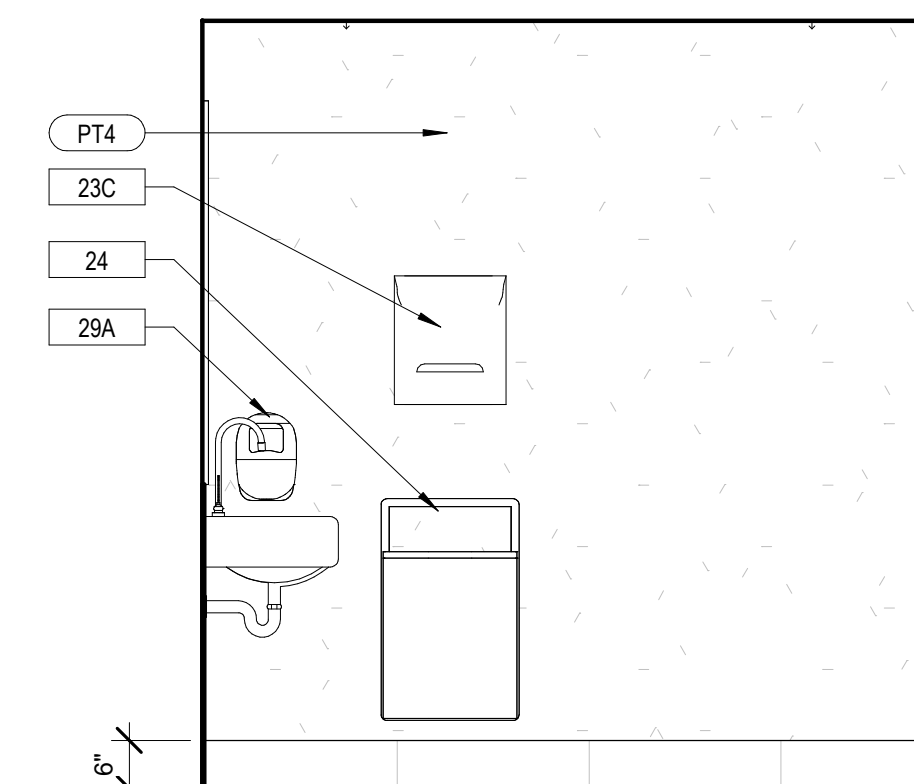
1 TLTRM 103
1/2" = 1'-0"



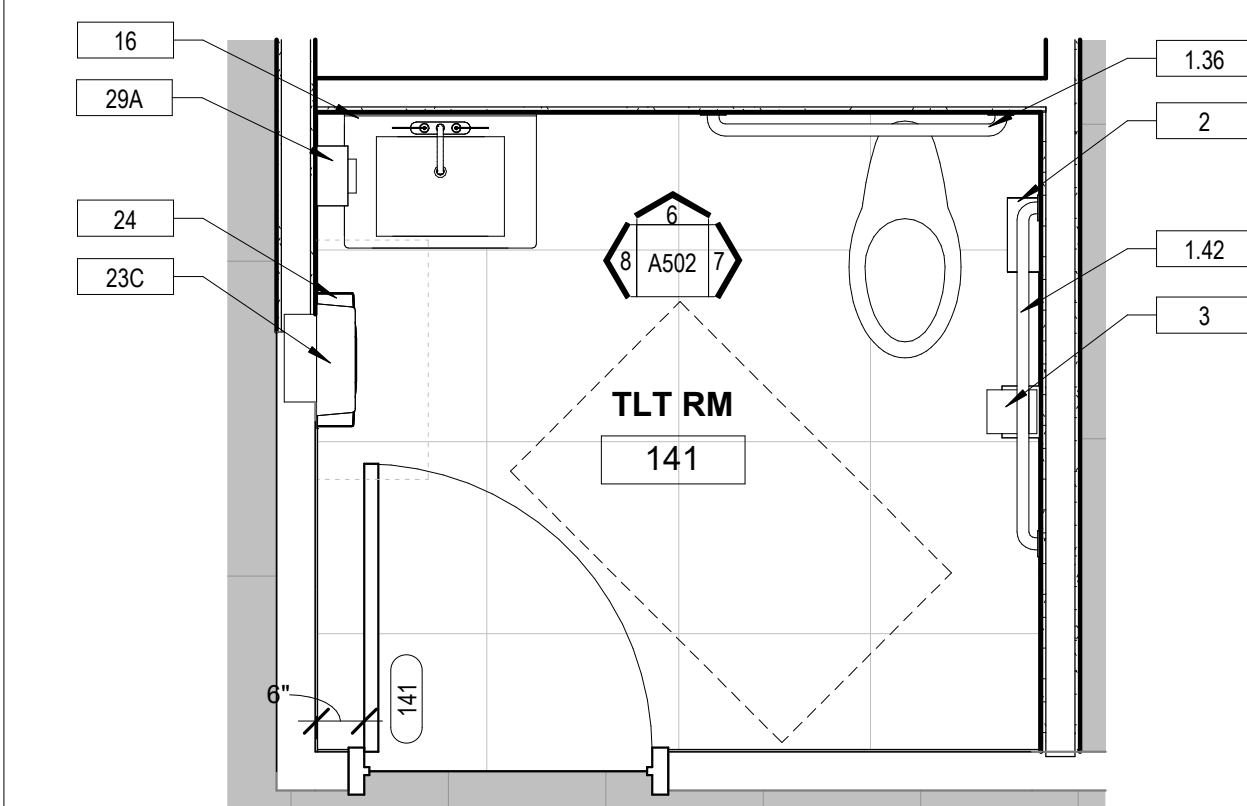
2 TLTRM 103 - ELEV. 1
1/2" = 1'-0"



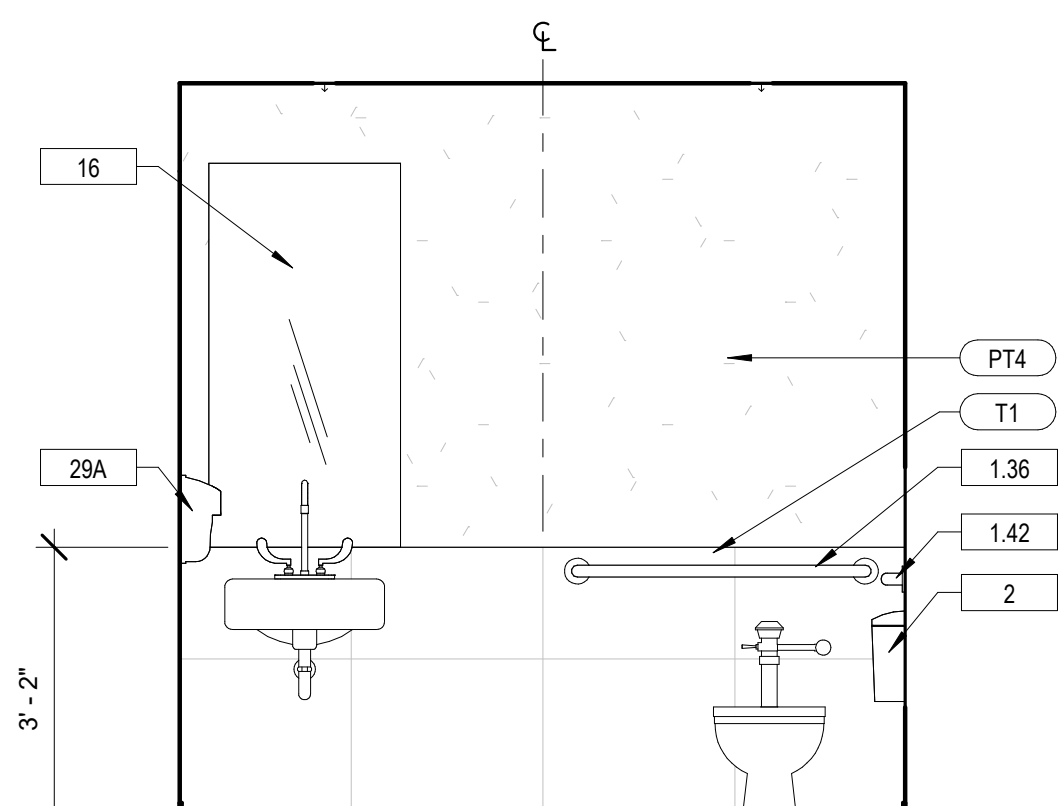
3 TLTRM 103 - ELEV. 2
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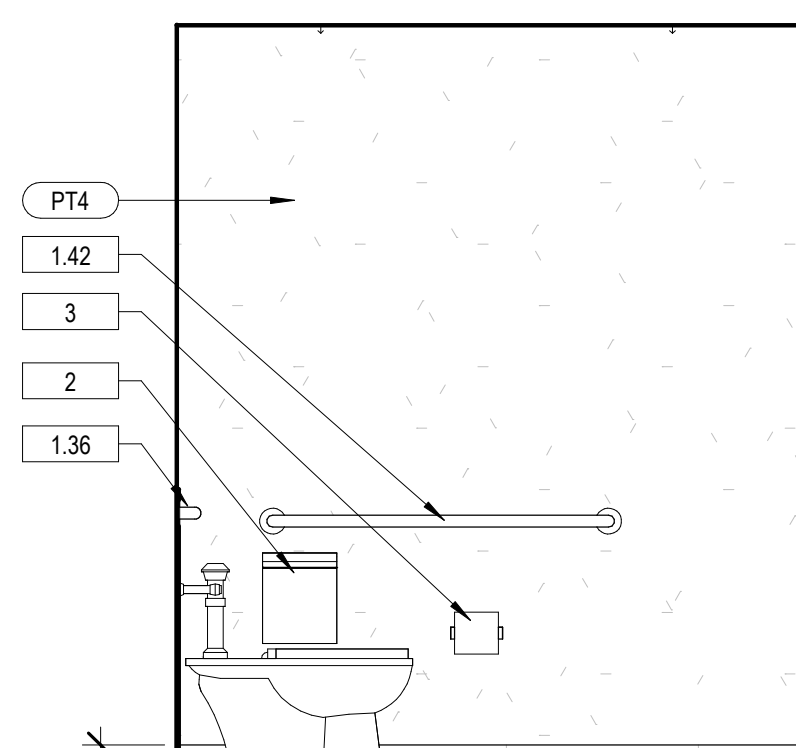
4 TLTRM 103 - ELEV. 3
1/2" = 1'-0"



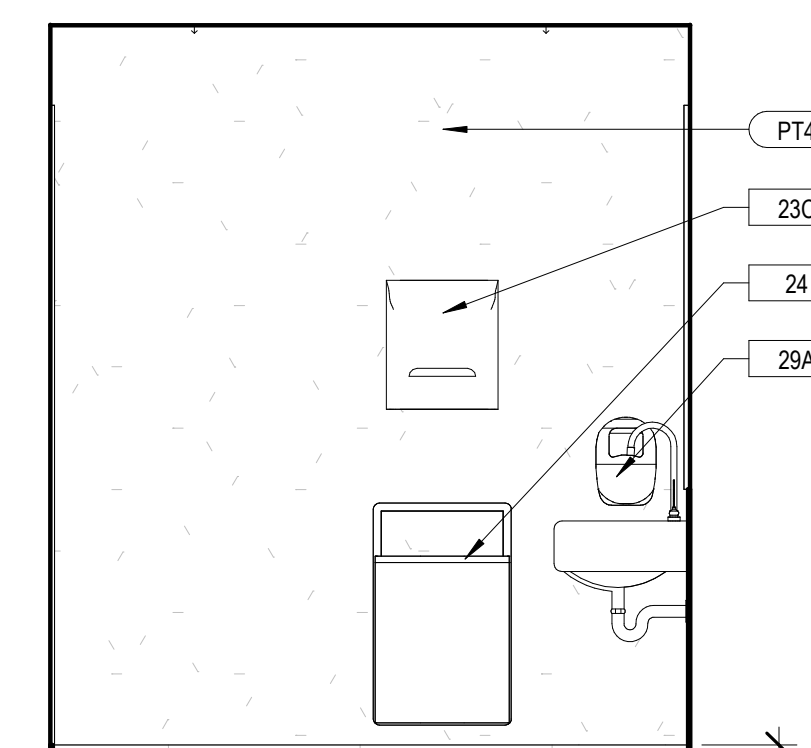
5 TLTRM 141
1/2" = 1'-0"



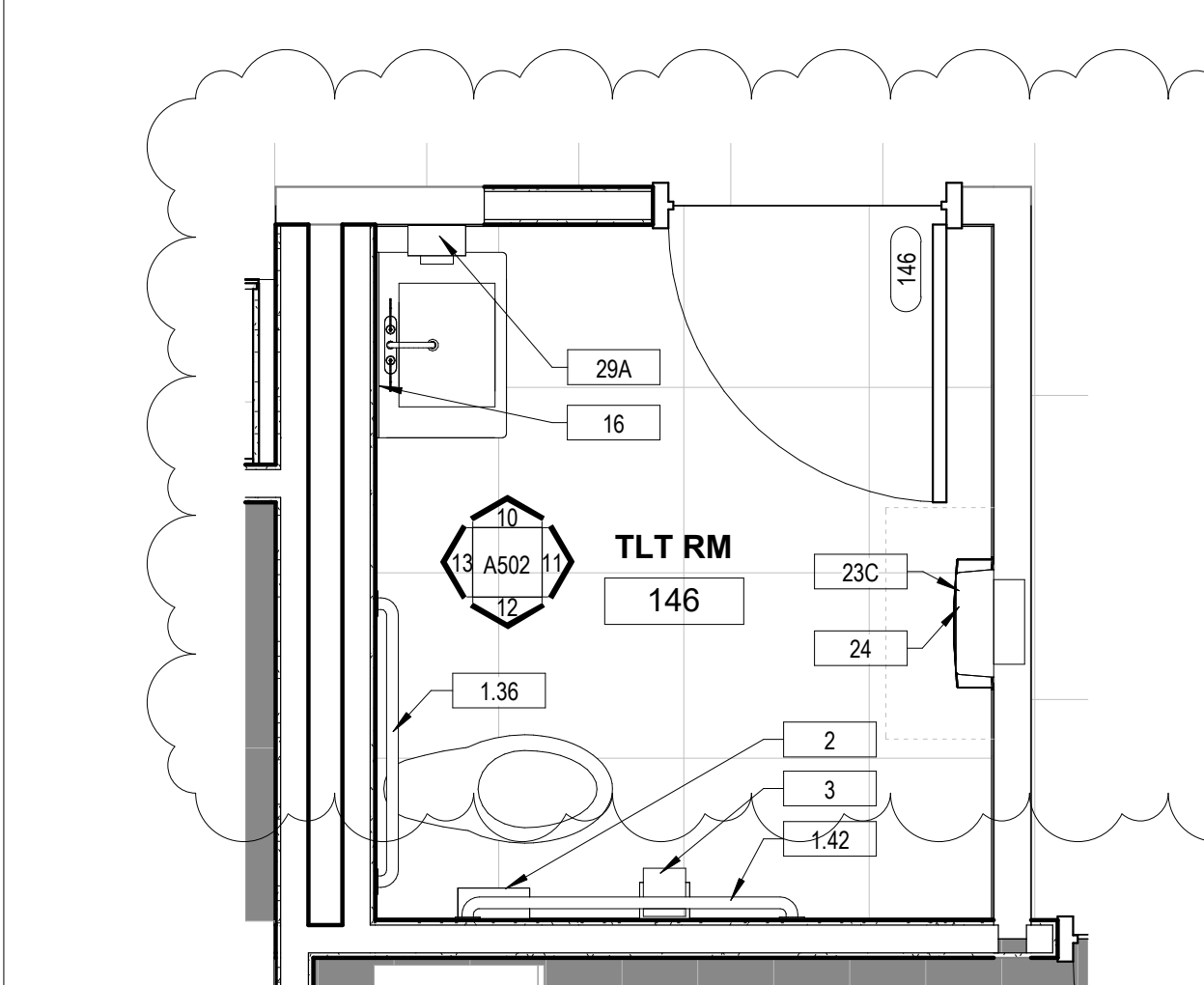
6 TLTRM 141 - ELEV. 1
1/2" = 1'-0"



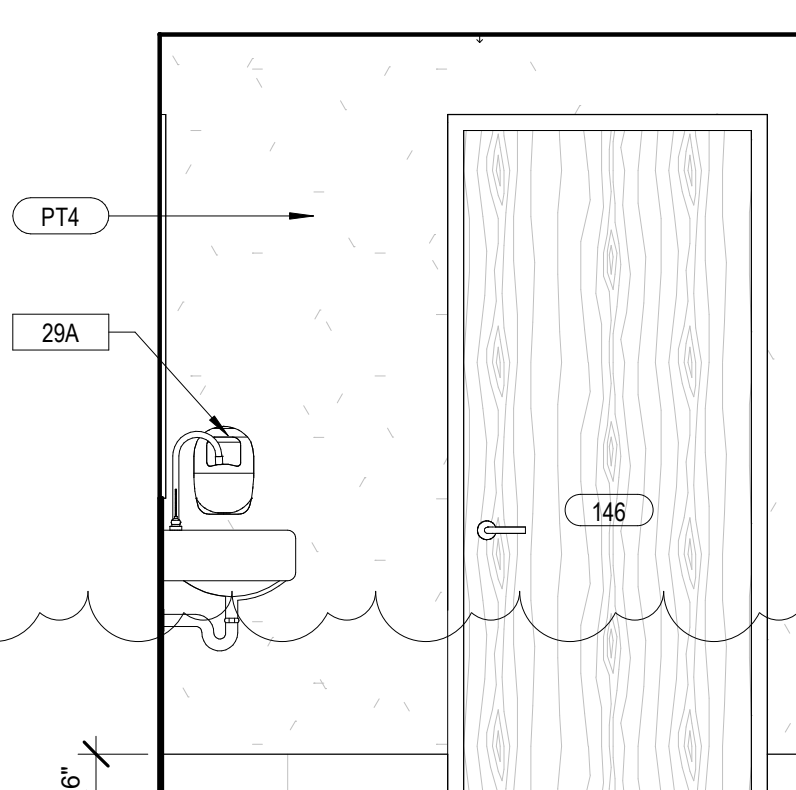
7 TLTRM 141 - ELEV. 2
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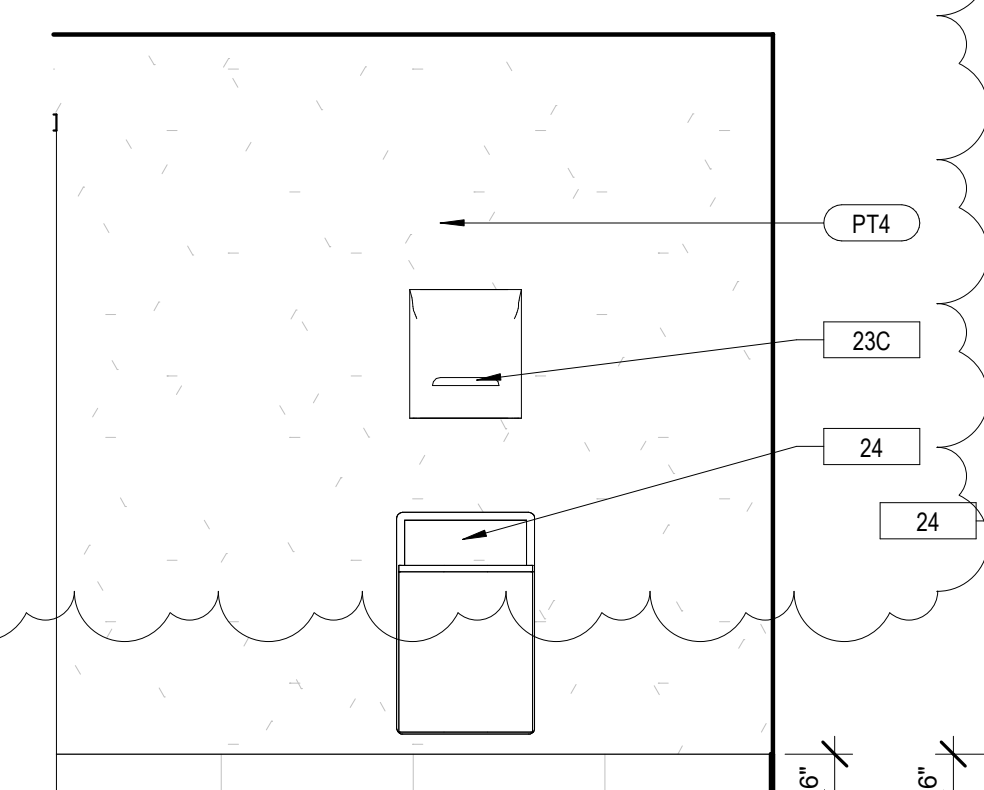
8 TLTRM 141 - ELEV. 3
1/2" = 1'-0"



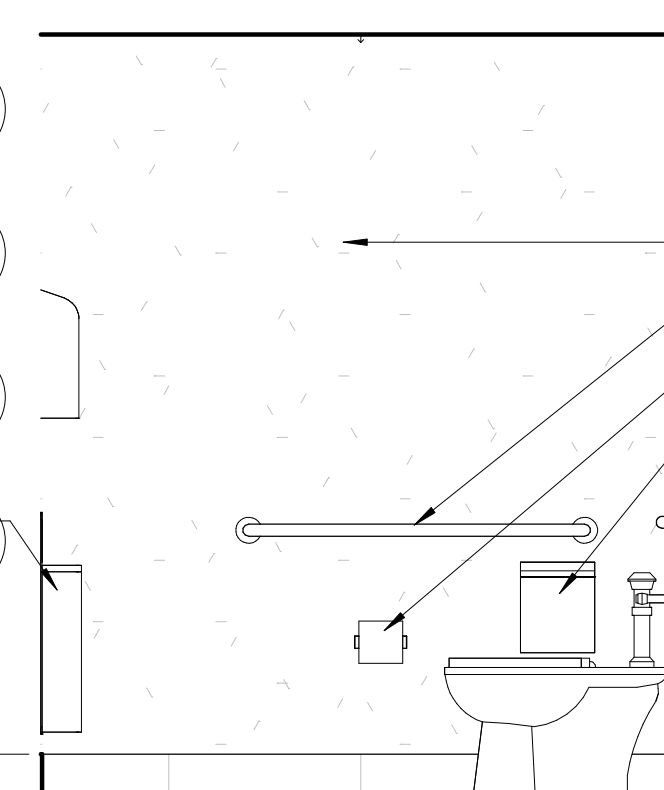
9 TLTRM 146
1/2" = 1'-0"



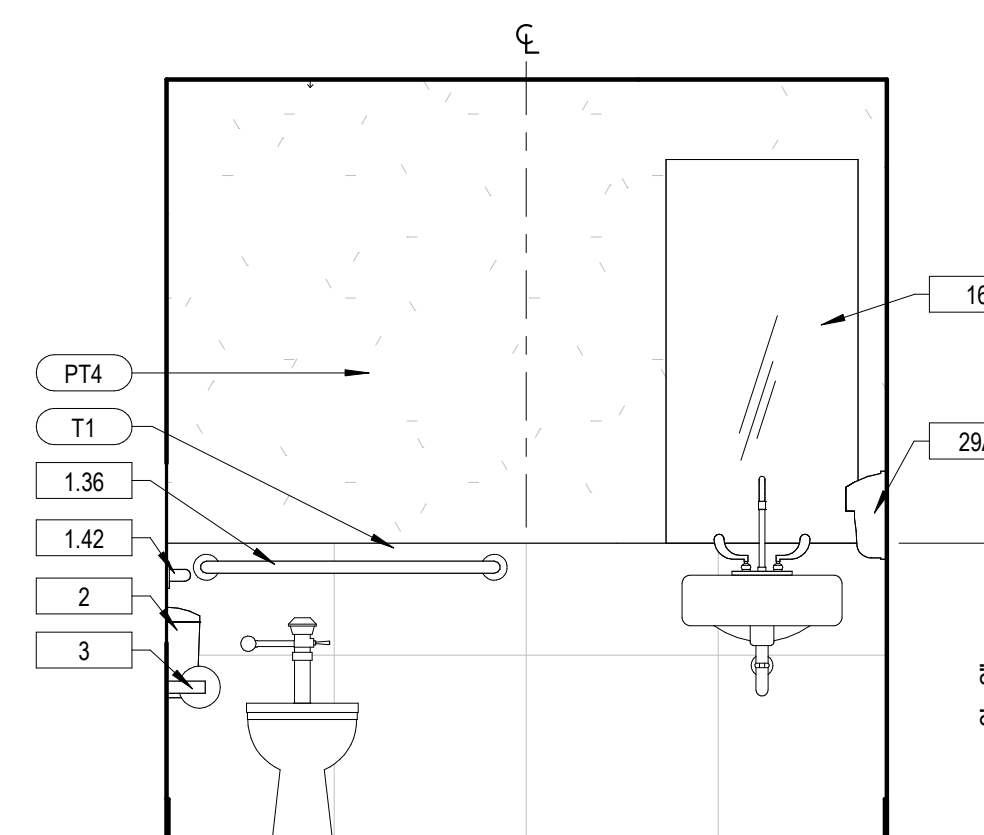
10 TLTRM 146 - ELEV. 1
1/2" = 1'-0"



11 TLTRM 146 - ELEV. 2
1/2" = 1'-0"



12 TLTRM 146 - ELEV. 3
1/2" = 1'-0"



13 TLTRM 146 - ELEV. 4
1/2" = 1'-0"

ADDENDUM NO. 2

September 03, 2024

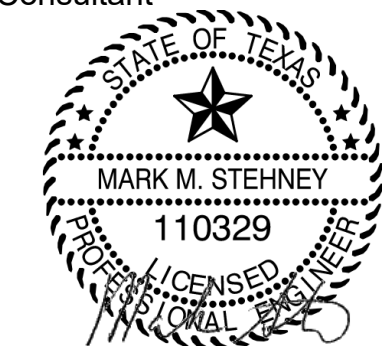
Project: MRH New Administration Building Renovation
3103 Ave G.
Hondo, Texas 78861

This addendum is hereby made a part of the contract documents to the same extent as though it were originally included therein. This addendum shall take precedence over the original drawings where its provisions apply.

MEP Drawings: (Mechanical, Electrical & Plumbing)

Item	Reference/Description
1.	M-101 – Mechanical – Floor Plans – Level 01 Item 01 – Adjust the transfer ducts in the Conference Room and Copy Area per attached Mechanical Sheet M-101.
2.	P1.1 – Plumbing Sanitary Sewer and Vent Floor Plan Item 01 – Revise the drain and supply lines per attached Plumbing Sheet P1.1.
3.	E101 - Floor Plan - Lighting Item 01 – Add new lighting at the exterior canopy per attached Electrical Sheet E101.
4.	E201 - Floor Plan - Power Item 01 - Add power for new exterior signage per attached Electrical Sheet E201.
5.	E301 - Electrical Symbols and Abbreviations Item 01 - Add Lighting Fixture Type 'D' to the Lighting Fixture Schedule per attached Electrical Sheet E301.

END OF ADDENDUM



1	ADDENDUM #2	09/03/2024
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MEDINA REGIONAL HOSPITAL
NEW ADMINISTRATION BUILDING RENOVATION
3103 AVE G.
HONDO, TX 78861

Page Description

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Project No. 240224

Date: 28 MAR 2024

Page

MECHANICAL - FLOOR PLANS - LEVEL 01

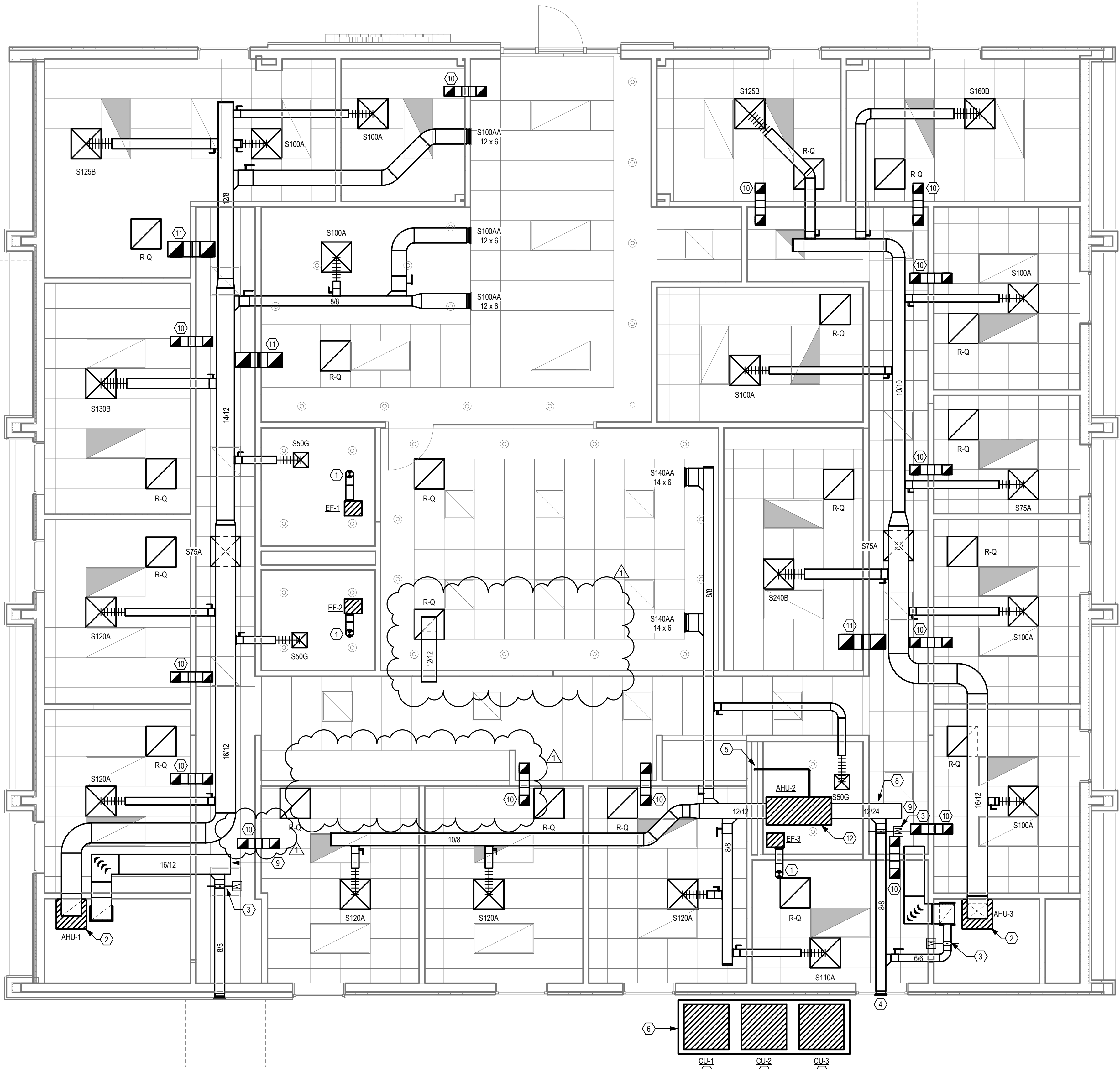
M-101

GENERAL NOTES

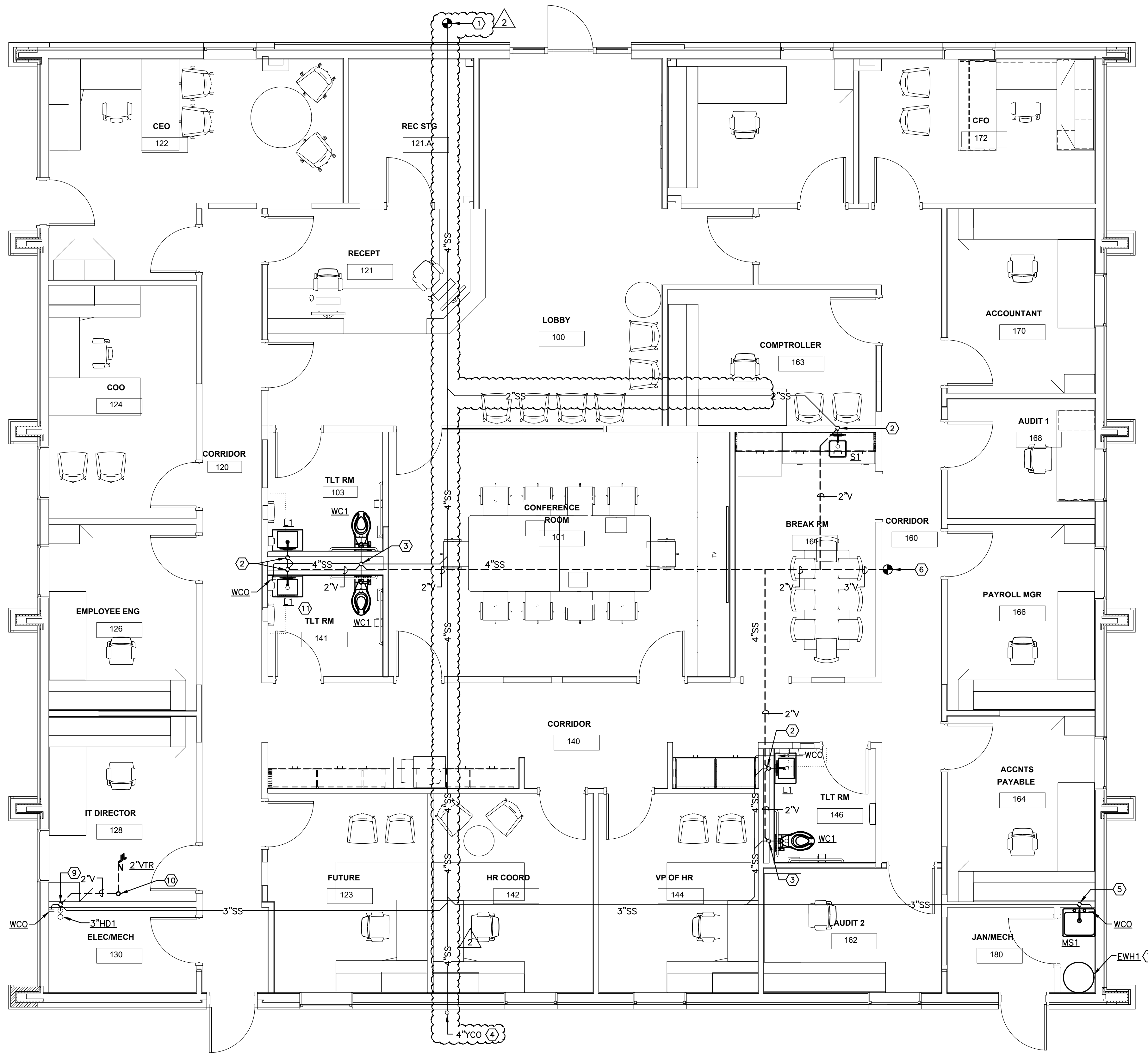
- REFER TO SHEET M-001 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL BRANCH DUCTS TO BE SIZE OF GRILLE NECK LISTED ON THE AIR DEVICE SCHEDULE UNLESS NOTED OTHERWISE.
- PROVIDE BALANCING DAMPERS IN BRANCH DUCT TO ALL SUPPLY DIFFUSERS. DO NOT USE DAMPER DIFFUSER FOR BALANCING.
- PROVIDE BALANCING DAMPER IN BRANCH DUCT TO ALL EXHAUST AND RETURN GRILLES LOCATED IN HARD CEILINGS. DO NOT USE DAMPER AT GRILLE FOR BALANCING.
- MAXIMUM DUCT TRANSITION ANGLE IS 30°.
- ALL BALANCING DAMPERS THAT ARE INACCESSIBLE SHALL BE PROVIDED WITH A REMOTE DAMPER OPERATOR, SIMILAR TO A YOUNG REGULATOR, 279-301-EZ, BOWDEN REMOTE CABLE CONTROL CONCEALED CEILING REGULATOR WITH 3" COVER PLATE, 5020CC ROUND MANUAL DAMPER AND BCW BOWDEN CASING AND WIRE.
- FLEX DUCT SHALL NOT EXCEED 5'-0" IN LENGTH.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.

KEYED NOTES

NUMBER	DESCRIPTION
1	ROUTE 6" DIAMETER EXHAUST DUCT UP THROUGH ROOF TO ROOF CAP. PROVIDE ROOF CAP WITH BIRD SCREEN AND BACKDRAFT DAMPER.
2	PROVIDE AIR HANDLER UNIT ON A RAISED PLATFORM WITH A 24" DEEP INTERNALLY LINED RETURN AIR PLENUM. ROUTE 3/4" CONDENSATE DRAIN TO FLOOR DRAIN.
3	PROVIDE TWO-POSITION MOTORIZED DAMPER IN OUTSIDE AIR DUCT INTERLOCKED WITH ASSOCIATED AHU.
4	PROVIDE 18X12 OUTSIDE AIR LOUVER ON EXTERIOR WALL WITH A MINIMUM OF 0.3 SQUARE FEET OF FREE AREA. COORDINATE EXACT LOCATION WITH ARCHITECT.
5	ROUTE 3/4" CONDENSATE DRAIN DOWN TO LAVATORY TAILPIECE. COORDINATE WITH PLUMBING CONTRACTOR.
6	PROVIDE 4" THICK CONCRETE HOUSEKEEPING PAD. PAD SHALL EXTEND 6" BEYOND UNITS IN ALL DIRECTIONS WITH 18" MINIMUM CLEARANCE BETWEEN UNITS.
7	PROVIDE REFRIGERANT PIPING FROM CONDENSING UNIT TO CORRESPONDING AHU LOCATED INDOORS. SIZE PER MANUFACTURER'S RECOMMENDATIONS.
8	PROVIDE 24" DEEP INTERNALLY LINED RETURN AIR PLENUM. PLENUM SHALL BE SAME SIZE AS RETURN AIR OPENING.
9	RETURN AIR DUCT SHALL BE OPEN-ENDED. OPEN-END SHALL BE COVERED WITH WIREMESH HARDWARE CLOTH.
10	PROVIDE 8/8 RETURN AIR TRANSFER BOOT ABOVE CEILING.
11	PROVIDE 12/12 RETURN AIR TRANSFER BOOT ABOVE CEILING.
12	PROVIDE ACCESS PANEL FULL SIZE OF AIR HANDLING UNIT. COORDINATE WITH ARCHITECT.



1 MECHANICAL - FLOOR PLANS
SCALE: 1/4" = 1'-0"



1 PLUMBING SANITARY SEWER AND VENT FLOOR PLAN
SCALE: 1/4"=1'-0"

PLUMBING GENERAL NOTES:

1. THE CONTRACTOR SHALL ROUGH IN AND MAKE FINAL CONNECTIONS FOR FIXTURES AND EQUIPMENT, INCLUDING P-TRAPS, TRIM, WASTE, WATER SUPPLIES AND DRAINS. PROVIDE SHUT-OFF VALVES AS REQUIRED BY CODE.
2. INSULATE ALL HOT WATER PIPING WITH 1" INSULATION; DROPS INSIDE INTERIOR STUD WALL SHALL BE 1/2" INSULATION.
3. VENT PIPING ROUTED CONCEALED OVERHEAD. SUPPORT FROM STRUCTURE AS REQUIRED.
4. ROUTE SANITARY SEWER (SS) AT 1% SLOPE. UNLESS INDICATED OTHERWISE.
5. ALL WASTE, VENT, CW & HW PLUMBING SHALL BE INSTALLED PER LATEST CITY ADOPTED CODES, AMENDMENTS AND AHJ.
6. CONTRACTOR SHALL COORDINATE LOCATION SIZE AND ORIENTATION OF THE EXISTING SANITARY SEWER PIPING BELOW FLOOR AND MAKE NECESSARY ADJUSTMENTS TO THE SANITARY SEWER SYSTEM AS REQUIRED.
7. CONTRACTOR SHALL VERIFY THE LOCATION OF THE DOMESTIC WATER PIPING ON SITE AND SHALL REVISE THE DOMESTIC WATER SYSTEM AS REQUIRED.

PLUMBING KEYED NOTES:

- 1 CONTRACTOR SHALL VERIFY LOCATION, SIZE, DEPTH AND ORIENTATION OF EXISTING SANITARY SEWER (SS) UNDERGROUND AND PROVIDE NEW CONNECTION TO EXISTING SS. MODIFY PIPING AS REQUIRED TO ACCOMMODATE NEW CONNECTION.
- 2 2" SS DOWN AND 1-1/2" VENT UP IN WALL TO OVERHEAD ABOVE CEILING.
- 3 4" SS BELOW FLOOR AND 2" VENT UP IN WALL TO OVERHEAD ABOVE CEILING.
- 4 NEW 4" YARD CLEAN-OUT. COORDINATE DEPTH OF SS WITH PERIMETER GRADE BEAM.
- 5 3" SS BELOW FLOOR AND 1-1/2" VENT UP IN WALL TO OVERHEAD ABOVE CEILING. MAKE NEW VENT PIPE CONNECTION TO EXISTING VENT SYSTEM AND VTR SERVING OLD MOP SINK.
- 6 SINK.
- 7 ROUTE NEW 3" VENT PIPING TO LOCATION OF EXISTING VENT PIPING SYSTEM OVERHEAD ABOVE CEILING. MAKE NEW VENT PIPE CONNECTION TO EXISTING VENT SYSTEM AND VTR.
- 8 ELECTRIC TANK TYPE WATER HEATER LOCATED ABOVE MOP SINK SUSPENDED FROM OVERHEAD STRUCTURE. ROUTE WATER HEATER T&P DRAIN AND DRAIN PAN DRAIN DISCHARGE TO MOP SINK BELOW. TERMINATE DISCHARGE PIPING ABOVE MOP SINK WITH AIR GAP AS REQUIRED.
- 9 3" HUB DRAIN TO SERVE CONDENSATE DISCHARGE FROM A/C UNIT. 3" SS BELOW FLOOR] AND 2" VENT UP IN WALL TO OVERHEAD ABOVE CEILING TO VTR. PROVIDE HUB DRAIN WITH PROSET TRAP GUARD.
- 10 ROUTE 2" VENT PIPING UP THRU ROOF TO VTR. SEAL PENETRATION WATER TIGHT.
- 11 COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR CONDENSATE DRAIN AT SINK TAILPIECE.

PLUMBING LEGEND AND ABBREVIATIONS
NOT ALL APPLY TO PROJECT

SS	SANITARY SEWER/WASTE PIPING	C.W.	COLD WATER
---V---	VENT/REVENT PIPING	H.W.	HOT WATER
--- ---	BALL VALVE	---D---	PIPE DROP
--- ---	CHECK VALVE	---U---	PIPE RISE
---	COLD WATER SUPPLY PIPING	---HB1---	HOSE BIB
---	HOT WATER SUPPLY PIPING	---X---	NEW PIPING CONNECTION
---	HOT WATER RETURN PIPING	---(1)---	PLUMBING KEYED NOTE
G	NATURAL GAS PIPING		
GW	GREASE WASTE PIPING		
---Ø CO---	CLEANOUT		
---FD---	FLOOR DRAIN		
---HD---	HUB DRAIN		

DOMESTIC WATER - WSFU

FIXTURES	QUANTITY	WSFU PER FIX	SUBTOTAL BLDG FIX
WATER CLOEST	3	6	18
LAVATORY/SINK	3	2	6
LAVATORY/SINK (PRVT)	1	.07	.07
MOP SINK	1	3	3
WSFUs			27.07

TOTAL WATER DEMAND LOAD APPROX: 27.07 WSFUs PROJECTED
DIVERSITY @ 80% = 21.65 WSFUs 19.26 WSFUs = APPROX. 36 GPM
= 1-1/2" PIPE PER IPC 2018

SANITARY SEWER - DFU

FIXTURES	QUANTITY	DFU PER FIX	SUBTOTAL BLDG FIX
WATER CLOEST	3	4	12
LAVATORY/SINK	3	1	3
LAVATORY/SINK (PRVT)	1	1	1
MOP SINK	1	4	4
TOTAL DFUs			20

TOTAL WASTE LOAD APPROX: 20 DFUs
ALLOWED DFUs: 4" DRAIN PIPE AT 1/8" PER FOOT = 180 DFUs
PER IPC 2018



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CONSULTING ENGINEERS
TX. FIRM REG. #F-15885
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amartinez@amz-sa.com



Revisions:
2 ADDENDUM #2 9/3/2024

MEDINA REGIONAL HOSPITAL
NEW ADMINISTRATION BUILDING RENOVATION
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Page P1.1

PLUMBING SANITARY SEWER AND VENT FLOOR PLAN



Revisions:

1	ADDENDUM #2	09/03/2024
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**MEDINA REGIONAL HOSPITAL
NEW ADMINISTRATION BUILDING RENOVATION**
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Page Description
FLOOR PLAN - LIGHTING

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Project No. 240224

Date: 25 JULY 2024

Page

E101

GENERAL NOTES

- CONNECT ALL EXIT (XA), EGRESS (XB) AND NIGHT LIGHTS (NL) UNSWITCHED U.O.N. AND CIRCUITED TO L1-1. SINGLE BATTERY POWERED LAMP SHALL OPERATE ON POWER FAILURE. EXIT SIGNS SHALL BURN 24 HOURS/DAY.
- ALL LIGHTING FIXTURES SHALL BE CONTROLLED VIA TIME SWITCH, U.O.N. RE: 2/E1.0 FOR CONTROLS DIAGRAM.
- CONNECT EXISTING BUILDING EXTERIOR LIGHTING TO NEW CIRCUITS AS INDICATED ON PANELBOARD "L1".

KEYED NOTES

- 24/7/365-DAY PROGRAMMABLE TIME SWITCH TORK #DZM200A, 2-CHANNEL WITH 365 DAY ADVANCED HOLIDAY SCHEDULING, OR EQUIVALENT.
- 4-POLE, 30A RATED NEMA 1 ENCLOSED, MECHANICALLY HELD CONTACTOR WITH 120V CONTROL COIL, 2-WIRE CONTROL RELAY, MOMENTARY CONTACT ADAPTERS AND H-0-A IN COVER. LOCATE ADJACENT TO PANEL.
- 6-POLE, 30A RATED NEMA 1 ENCLOSED, MECHANICALLY HELD CONTACTOR WITH 120V CONTROL COIL, 2-WIRE CONTROL RELAY, MOMENTARY CONTACT ADAPTERS AND H-0-A IN COVER. LOCATE ADJACENT TO PANEL.

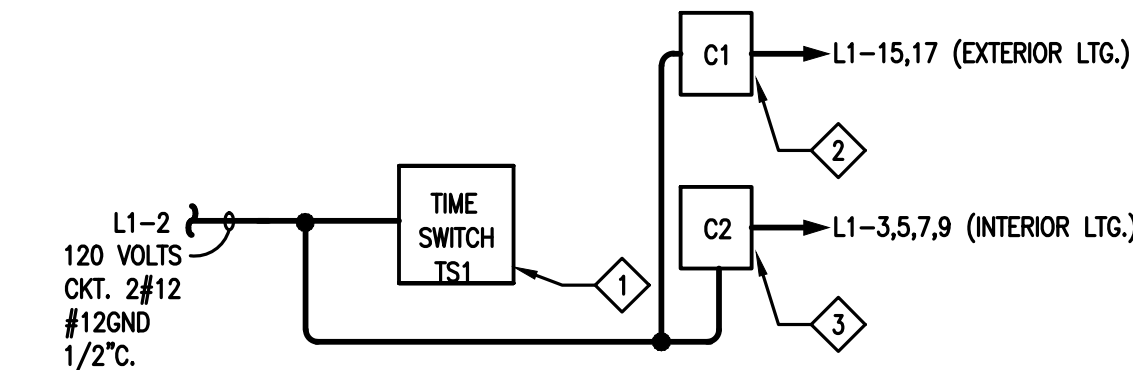
LIGHTING FUNCTIONAL TESTING/COMMISSIONING PLAN

THE CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO COMMISSION THE LIGHTING CONTROL SYSTEM AND SUBMIT WRITTEN DOCUMENTATION DETAILING THE TASKS BELOW. FOR EACH TASK, LIST THE DATE PERFORMED, PERSON COMPLETING THE TASK, THE INITIAL SETTING/CONDITION, ACTIONS PERFORMED, AND FINAL SETTING CONDITION. SUBMIT DOCUMENTATION AT OR BEFORE SUBSTANTIAL COMPLETION TO FACILITATE OBTAINING THE CERTIFICATE OF OCCUPANCY.

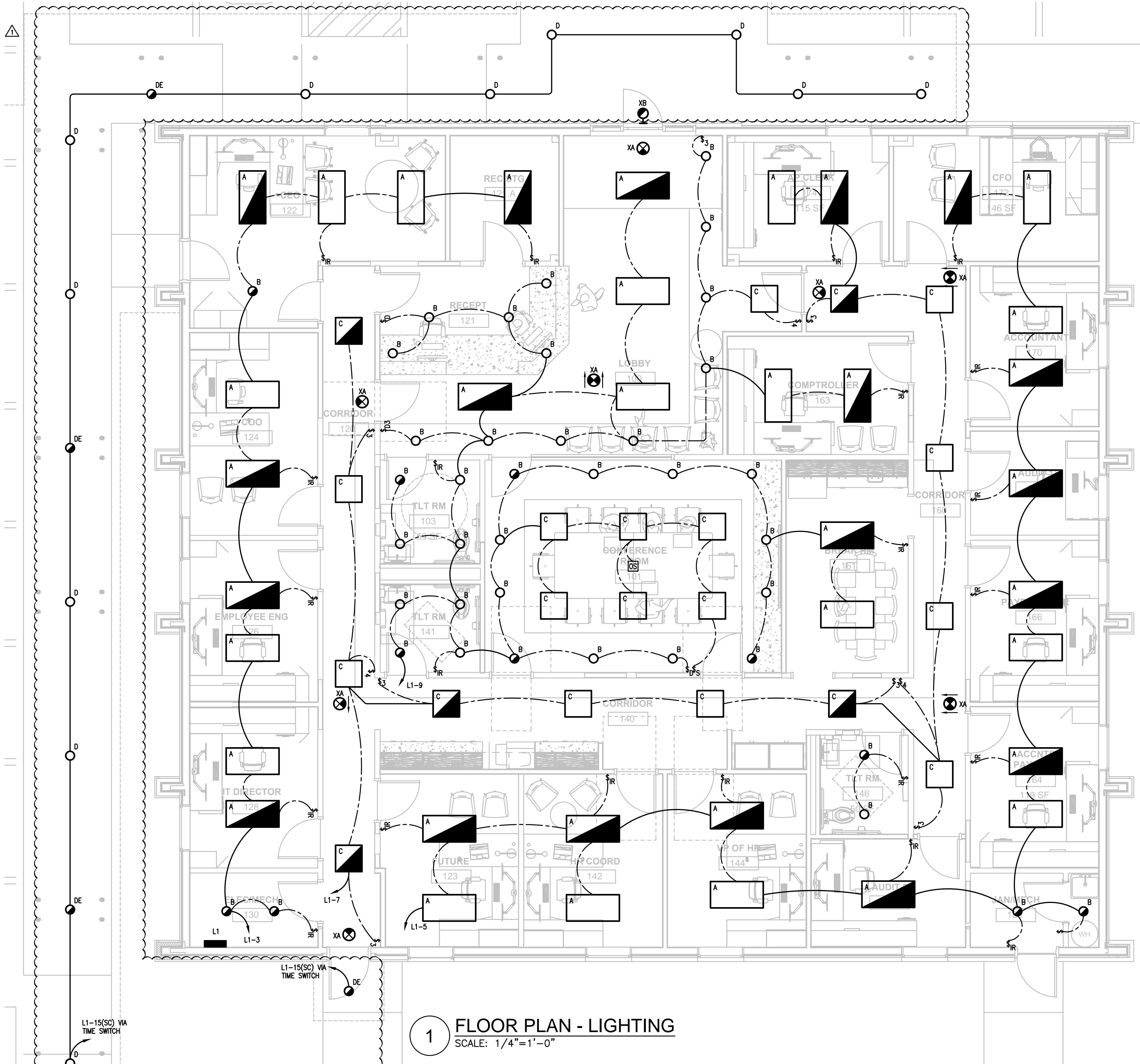
- ENSURE ALL LIGHTING FIXTURES HAVE LAMPS INSTALLED AND ARE FUNCTIONAL.
- TEST ALL EXIT SIGNS, EMERGENCY LIGHTING FIXTURES, AND EMERGENCY BALLASTS FURNISHED INTEGRAL TO FIXTURES.
- ENSURE ALL OCCUPANCY SENSORS HAVE BEEN INSTALLED AND ARE OPERATIONAL.
- ENSURE ALL WALLBOX AND SCENE CONTROLLERS ARE INSTALLED AND OPERATIONAL.
- ENSURE ALL PHOTOCELLS ARE INSTALLED AND OPERATIONAL.
- TEST EACH INDIVIDUAL DEVICE FOR OCCUPANCY SENSOR TYPES:
- VERIFY THE FOLLOWING:
 - SENSORS HAVE BEEN LOCATED AND AIMED PER THE MANUFACTURER'S RECOMMENDATIONS
 - STATUS INDICATORS ON DEVICES ARE OPERATIONAL AND CORRECT.
 - DEVICES CONTROL LIGHTING FIXTURES AS INDICATED ON DRAWINGS.
 - TIME DELAYS HAVE BEEN SET AS INDICATED ON THE DRAWINGS.
 - MOVEMENT IN ADJACENT AREAS AND/OR CYCLING OF HVAC SYSTEMS DOES NOT FALSE TRIGGER SENSORS

NOTE:

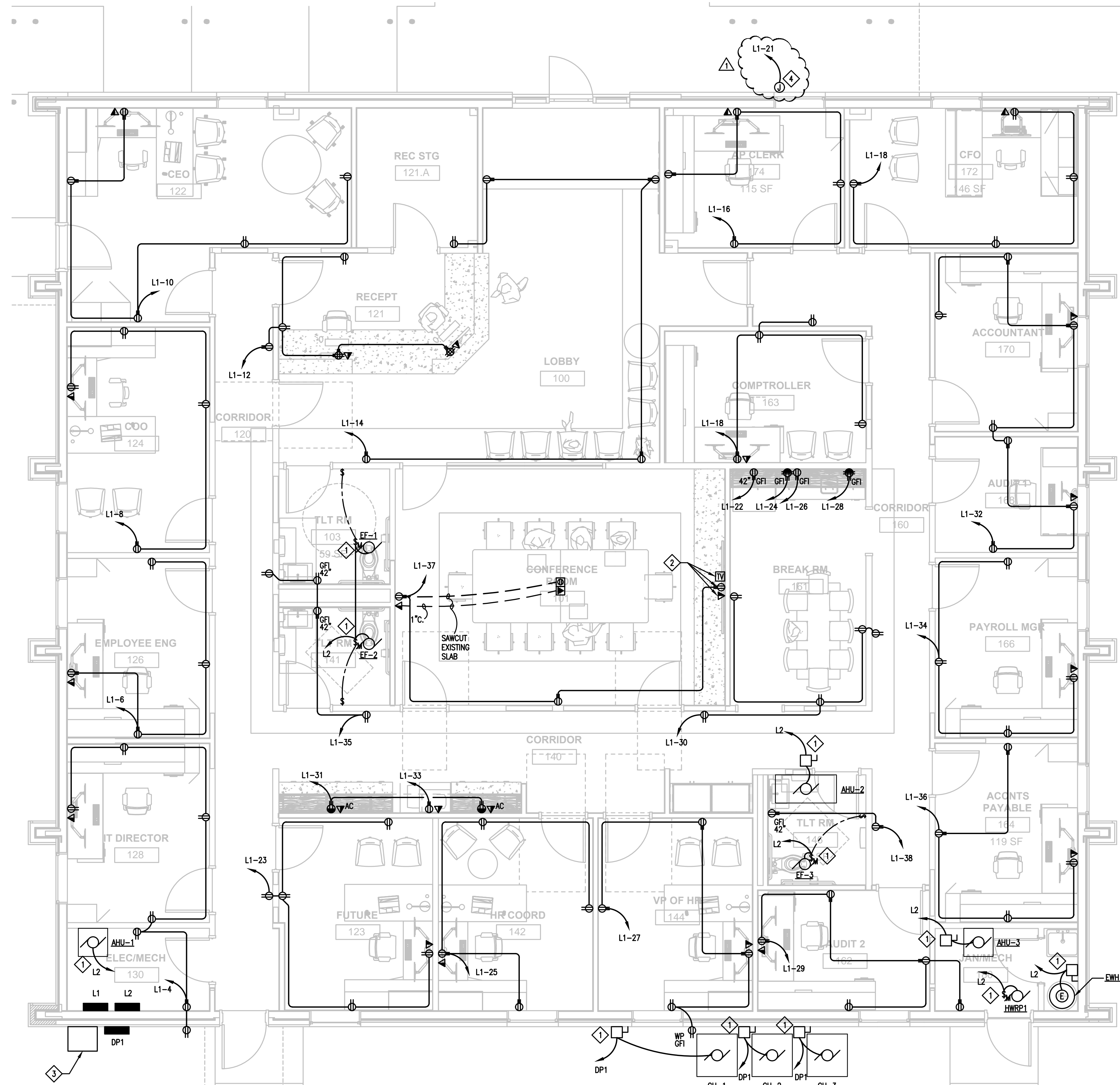
- CONFIRM TIME SWITCH SETTING FOR EACH CIRCUIT WITH OWNER.
- EXTERIOR BUILDING LIGHTING SHALL BE ENERGIZED BY PHOTOCELL AND DE-ENERGIZED BY TIME SWITCH.
- LOCATE PHOTOCELL ON ROOF, FACING NORTH, COORDINATE LOCATION WITH ARCHITECT AND OWNER'S REPRESENTATIVE.



2 LIGHTING CONTROLS RISER
SCALE: NTS



1 FLOOR PLAN - LIGHTING
SCALE: 1/4"=1'-0"



1 FLOOR PLAN - POWER
SCALE: 1/4"=1'-0"

GENERAL NOTES

- CONTRACTOR SHALL CONCEAL ALL RACEWAYS. ON EXISTING CMU WALLS WHERE IMPOSSIBLE TO CONCEAL, PROVIDE WIREMOULD 700 SERIES SURFACE RACEWAY SYSTEM. EXISTING DEVICE BOXES AND CONCEALED RACEWAY MAY BE REUSED AS APPROPRIATE FOR NEW DEVICES. IF NOT REUSED, REMOVE CONDUCTORS AND PROVIDE BLANK PLATE.
- ALL 125-VOLT AND 250-VOLT NON-LOCKING TYPE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

KEYED NOTES

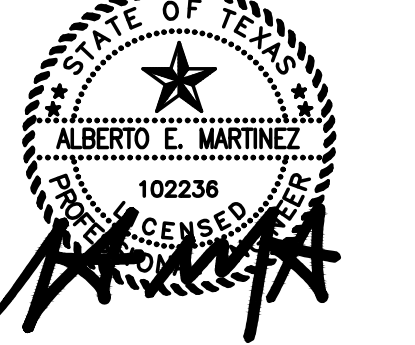
- SEE MOTOR CONNECTION SCHEDULE ON SHEET E4.0 FOR WIRE, CONDUIT, AND DISCONNECT SIZES AND BRANCH CIRCUIT CONNECTION.
- COORDINATE TV OUTLETS LOCATIONS W/ OWNER.
- 240V 400A NEMA 3R MANUAL TRANSFER SWITCH FOR PORTABLE STANDBY GENERATOR.
- PROVIDE J/BOX AND POWER FOR NEW SIGNAGE. COORDINATE LOCATION WITH TENANT. CONTROL SIGNAGE VIA TIME SWITCH.



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Page Description
FLOOR PLAN - POWER

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Checked By: CHK
Project No. 240224
Date: 25 JULY 2024
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SYMBOLS AND ABBREVIATIONS

(SOME SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT)

SYMBOLS

GENERAL	
	MOTOR CONNECTION
	MAGNETIC MOTOR STARTER
	COMBINATION MOTOR STARTER/DISC SWITCH
	DISCONNECT SWITCH, 30/3/600/NF/N1 = 30 AMP/3 POLE/600 VOLT, NON-FUSED/NEMA 1 ENCLOSURE UON. (N3R = NEMA 3R). ALL SWITCHES SHALL BE HEAVY DUTY TYPE.
	FUSED DISCONNECT SWITCH
	THERMAL AND/OR MAGNETIC CIRCUIT BREAKER, RATING AND NO. OF POLES AS INDICATED.
	TRANSFORMER, RATING AS INDICATED.
	CURRENT TRANSFORMER, RATING AND NO. AS INDICATED.
	GROUND CONNECTION.
	SPEAKER
	SPEAKER W/ INTEGRAL VOLUME CONTROL
	JUNCTION BOX
	PHOTOCELL
	RELAY
	CONTACTOR, RATING AND NO. OF POLES AS INDICATED.
	TIME SWITCH
	INTERCOM
	INTERCOM CONSOLE
	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD(S) UON, SIZED PER ACTUAL NAMEPLATE RATING.
	PANEL 120/208V
	PANEL 480/277V
	UTILITY COMPANY METER
	DIGITAL SOLID STATE MULTI-FUNCTION METER.
	EQUIPMENT CONNECTION. COORDINATE WITH MANUFACTURERS' REPRESENTATIVE.
	PUSHBUTTON
	PULL BOX, SIZE PER NEC, UON.
	SURGE PROTECTION DEVICE SYSTEM.
	PLYWOOD TELEPHONE BACKBOARD, 4' X 8' X 3/4" THICK
	UNDERGROUND PRIMARY ELECTRIC UTILITY
	UNDERGROUND SECONDARY ELECTRIC UTILITY
	UNDERGROUND TELEPHONE UTILITY

LUMINAIRES

	FLUORESCENT LIGHT FIXTURE, LETTER INDICATES FIXTURE TYPE.
	LIGHT FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT.
	EXIT LIGHT. PROVIDE DIRECTIONAL CHEVRON(S) (ARROW(S) AS INDICATED ON PLANS.)
	WALL MOUNTED LIGHTING FIXTURE
	DUAL LAMP EMERGENCY LIGHTING FIXTURE
	POLE WITH LUMINAIRE. LETTERS DENOTE TYPE.

RACEWAYS

	CONDUIT RUN CONCEALED IN WALL OR CEILING.
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB.
	SWITCH LEG
	BRANCH CIRCUIT HOMERUN SUBSCRIPT "L1" INDICATES PANEL AND 2,4,6 INDICATES BREAKER POSITION. 1/2", 2#12 AND 1#12 GND MIN.

OUTLETS

	DUPLEX RECEPTACLE, 20 AMP, 125 VOLT, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R, 18" AFF UON.
	DUPLEX RECEPTACLE, (GF1 - GROUND FAULT INTERRUPTING, WP - WEATHERPROOF)
	DOUBLE DUPLEX RECEPTACLE (QUAD) WITH COMMON COVER PLATE. SIMILAR TO ABOVE.
	SPECIAL PURPOSE RECEPTACLE, SIZE AND NEMA CONFIGURATION AS INDICATED, INSTALL 18" AFF UON.
	FLUSH FLOOR OUTLETS, RECEPTACLES AS DESCRIBED ABOVE.
	FLUSH FLOOR TELEPHONE AND DATA OUTLETS.
	DUPLEX RECEPTACLE HORIZONTALLY MOUNTED 6" ABOVE COUNTER TOP, UON.
	COMBINATION RECEPTACLE AND TELE/DATA OUTLET INSTALLED IN FLUSH FLOOR BOX.
	TELEPHONE OUTLET 18" AFF UON. PROVIDE 4" SQUARE BACK BOX/COVER PLATE. INSTALL 3/4" CONDUIT WITH BUSHING AND PULL STRINGS, STUBBED TO ACCESSIBLE CEILING.
	DATA OUTLET 18" AFF UON. PROVIDE 4" SQUARE BACK BOX/COVER PLATE. INSTALL 3/4" CONDUIT WITH BUSHING AND PULL STRING, STUBBED TO ACCESSIBLE CEILING.
	COMBINATION TELEPHONE AND DATA OUTLET 18" AFF UON. PROVIDE 4" SQUARE BACK BOX/COVER PLATE. INSTALL 3/4" CONDUIT WITH BUSHING AND PULL STRING, STUBBED TO ACCESSIBLE CEILING.
	TV OUTLET 18" AFF UON. PROVIDE 4" SQUARE BACK BOX/COVER PLATE. INSTALL 3/4" CONDUIT WITH BUSHING AND PULL STRING, STUBBED TO ACCESSIBLE CEILING.

SWITCHES

	SINGLE POLE SWITCH, 48" AFF UON.
	DOUBLE POLE SWITCH, 48" AFF UON.
	THREE-WAY SWITCH, 48" AFF UON.
	FOUR-WAY SWITCH, 48" AFF UON.
	KEYED SWITCH, 48" AFF UON.
	WEATHERPROOF SWITCH, 48" AFF UON.
	DIMMER SWITCH, 600W UON, 48" AFF UON.
	TIMER SWITCH, 600W UON, 48" AFF UON. WATT STOPPER TS-400
	VACANCY SENSOR MANUAL ON SWITCH. GREENGATE, ONW-D-1001-MV-N-X WALL MOUNTED IN SWITCH BOX AT 48" AFF UON. COLOR BY ARCHITECT.
	VACANCY SENSOR MANUAL ON SWITCH. GREENGATE GMS-W, TO BE USED WITH CEILING MOUNTED VACANCY SENSOR SWITCH. WALL MOUNTED IN SWITCH BOX AT 48" AFF UON.
	VACANCY SENSOR SWITCH. GREENGATE OAC-DT-2000-R WITH SP20-MV POWER PACK, UON. CEILING MOUNTED, UON.

FIRE ALARM

	VISUAL (STROBE) SIGNAL DEVICE. + 80" AFF UON.
	AUDIO/VISUAL (SPEAKER/STROBE) SIGNAL DEVICE. + 80" AFF UON. OR 6" BELOW CEILING, WHICHEVER IS LOWER.
	FIRE ALARM AUDIO/VISUAL DEVICE, CEILING MOUNTED, UON.
	FIRE ALARM VISUAL DEVICE, CEILING MOUNTED, UON.
	FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR
	FIRE ALARM FIXED-TEMPERATURE RATE-OF-RISE HEAT DETECTOR, 135°C UON.
	SMOKE DETECTOR, CEILING MOUNTED UON.
	SMOKE DETECTOR WITH INTEGRAL HORN, CEILING MOUNTED UON.
	SMOKE DETECTOR DUCT MOUNTED
	FIRE ALARM MANUAL STATION, INSTALL 48" AFF.
	SPRINKLER SYSTEM FLOW SWITCH BY DIVISION 15.
	SPRINKLER SYSTEM SUPERVISORY SWITCH BY DIVISION 15.
	COMBINATION FIRE AND SMOKE DAMPER BY DIVISION 15.
	MAGNETIC DOOR HOLDER.
	FIRE ALARM AUDIO DEVICE. + 80" AFF UON. OR 6" BELOW CEILING, WHICHEVER IS LOWER.

ABBREVIATIONS

A	AMPERE(S)	GALV	GALVANIZED	NA	NOT APPLICABLE
AC	ABOVE COUNTER (6" ABOVE UON)	GEC	GROUNDING EQUIPMENT CONDUCTOR	NC	NORMALLY CLOSED
AIC	AMPERE INTERRUPTING CAPACITY	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	NF	NONFUSIBLE
AF	ABOVE FINISHED FLOOR	GF1	GROUND FAULT INTERRUPTER	NL	NIGHT LIGHT
AFG	ABOVE FINISHED GRADE	GND	GROUND	NO	NORMALLY OPEN
ATS	AUTOMATIC TRANSFER SWITCH	GRS	GALVANIZED RIGID STEEL	OC	ON CENTER
AWG	AMERICAN WIRE GAUGE	HID	HIGH INTENSITY DISCHARGE	OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
BLDG	BUILDING	HP	HORSEPOWER	OH	OVERHEAD
CB	CIRCUIT BREAKER	HOA	HAND OFF AUTOMATIC	OHE	OVERHEAD ELECTRICAL
CCTV	CLOSED CIRCUIT TV	HVAC	HEATING/VENTILATING/AIR CONDITIONING	PA	PUBLIC ADDRESS
CKT	CIRCUIT	HZ	HERTZ	PB	PUSH BUTTON
COND	CONDUCTOR	ID	INSIDE DIAMETER	PH	PHASE
CPU	CENTRAL PROCESSING UNIT	IMC	INTERMEDIATE STEEL CONDUIT	PNL	PANELBOARD
CT	CURRENT TRANSFORMER	IN	INCHES	PWR	POWER
DA	DAMTER	INCD	INCANDESCENT	QTZ	QUARTZ
DISC	DISCONNECT	JB	JUNCTION BOX	RCPT	RECEPTACLE
DIST	DISTRIBUTION	KCMIL	THOUSAND CIRCULAR MILS	REFR	REFRIGERATOR
DN	DOWN	KV	KILOVOLT	RTU	ROOFTOP UNIT
DWGS	DRAWINGS	KVA	KILOVOLT AMPERE	SC	SPLIT CIRCUIT
EC	EMPTY CONDUIT	KW	KILOWATT	SQ FT	SQUARE FOOT
EGC	EQUIPMENT GROUNDING CONDUCTOR	MAX	MAXIMUM	SWBD	SWITCHBOARD
EMT	ELECTRICAL METALLIC TUBING	MCB	MAIN CIRCUIT BREAKER	TELE	TELEPHONE
EQMT	EQUIPMENT	MCC	MOTOR CONTROL CENTER	TV	TELEVISION
EXTG	EXISTING	MDP	MAIN DISTRIBUTION PANEL	UGE	UNDERGROUND ELECTRICAL
FACP	FIRE ALARM CONTROL PANEL	MECH	MECHANICAL	UT	UNDERGROUND TELEPHONE
FLUOR	FLUORESCENT	MFG	MANUFACTURER	UON	UNLESS OTHERWISE NOTED
FT	FEET, FOOT	MH	METAL HALIDE	UPS	UNINTERRUPTIBLE POWER SUPPLY
		MIN	MINIMUM	V	VOLT(S)
		MLO	MAIN LUGS ONLY	VA	VOLT AMPERE
		MSB	MAIN SWITCHBOARD	VFD	VARIABLE FREQUENCY DRIVE
		MTD	MOUNTED	W	WIRE, WATT(S)
		MTG	MOUNTING	W/	WITH
				WP	WEATHERPROOF
				XFMR	TRANSFORMER
				Z	IMPEDANCE

FIXTURE SCHEDULE

TYPE	MFG	CATALOG NUMBER	MOUNTING	NO.	LAMPS WATTS	TYPES	VOLTS	NOTES
A	LITHONIA	STAK 2X4 4000LM 80CRI 40K SOL MIN1 ZT MVOLT	Recessed	1	33	LED	UNV	
AE	LITHONIA	STAK 2X4 4000LM 80CRI 40K SOL MIN1 ZT MVOLT E10WLCP	Recessed	1	33	LED	UNV	1
B	LITHONIA	LBR6 ALO2 SWW1 AR LSS WD MVOLT UGZ	Recessed	1	25	LED	UNV	
BE	LITHONIA	LBR6 ALO2 SWW1 AR LSS WD MVOLT UGZ E10WVCP	Recessed	1	25	LED	UNV	1
C	LITHONIA	STAK 2X2 4000LM 80CRI 40K COL MIN1 ZT MVOLT	Recessed	1	33	LED	UNV	
CE	LITHONIA	STAK 2X2 4000LM 80CRI 40K COL MIN1 ZT MVOLT E10WLCP	Recessed	1	33	LED	UNV	1
D	KENALL	MR13FL-PP-XX-20L40K-DV	Surface	1	20	LED	UNV	1
XA	LITHONIA	LQM S W 3 R 120/277 EL N	Surface	1				3
XB	Lithonia	AFO X MVOLT N SD	Surface	1	5		Mvolt	2,3

GENERAL NOTES

- EQUIVALENT PRODUCTS FROM DIFFERENT MANUFACTURERS MAY BE ACCEPTABLE AS ALTERNATE SUBSTITUTIONS (SUBSTITUTE PRODUCTS SHALL HAVE SUFFICIENT DATA) AS LONG AS THEY ARE SUBMITTED ONE WEEK PRIOR TO BID FOR REVIEW AND APPROVAL BY ENGINEER AND ARCHITECT.
- KEYED NOTES
- PROVIDE BATTERY PACK WHERE INDICATED WITH AN "E" SUFFIX OR HALF SHADING. BATTERY PACK SHALL COMPLY WITH 2023 NEC 700.12(A).
- VERIFY FINISH W/ ARCHITECT/OWNER.
- CONNECT UNSWITCHED TO NORMALLY ENERGIZED CIRCUIT.

GRG

architecture

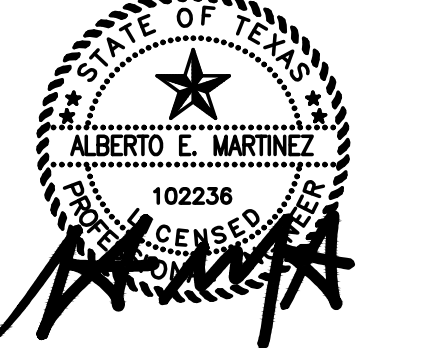
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1 ADDENDUM #2 09/03/2024

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