

ELECTRICAL SYMBOL LEGEND		GENERAL NOTES		DRAWING INDEX			
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.		1. THE CONTRACTOR SHALL VISIT THE SITE INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND BY SUBMITTING A BID, ACCEPTS THE CONDITIONS UNDER WHICH HE SHALL BE REQUIRED TO PERFORM HIS WORK.		22. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF ALL LOW VOLTAGE / TECHNOLOGY SYSTEMS SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE, CABLING CONTRACTOR SHALL COORDINATE ALL 120V POWER REQUIREMENTS AND LOCATIONS WITH ELECTRICAL CONTRACTOR FOR ALL EQUIPMENT.			
<div>CIRCUIT RELATED:</div> <div><div>Ⓜ</div>JUNCTION BOX</div> <div><div>⏏</div>GROUNDING FIXTURE</div>		2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS AND ADDENDA (DRAWINGS AND SPECIFICATIONS) HE SHALL CHECK THE CONTRACT DOCUMENTS OF THE OTHER TRADES AND DETERMINE HIS RESPONSIBILITIES. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM COMPLETING ALL RESPONSIBLE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.		23. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AS ESTABLISHED BY THE EIA AND THE CEC.			
<div>LIGHTING:</div> <div><div>Ⓛ</div>LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, CROSS HATCHING INDICATES FIXTURE ON EMERGENCY SYSTEM, FOR SOLID CIRCLE WITHIN FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL.</div> <div><div>ⓁⓂ</div>EXIT LIGHT FIXTURE. LETTER INDICATES TYPE, NUMBER INDICATES CIRCUIT, NUMBER AND LOCATION OF SHADED TRIANGLE SECTIONS INDICATE NUMBER OF EXIT SIGN FACES AND DIRECTION OF EACH FACE. PROVIDE CHEVRON DIRECTIONAL INDICATORS AS SHOWN ON DRAWINGS.</div>		3. THE CONTRACTOR SECURE AND PAY FOR ALL PERMITS, FEES, CHARGES, AND INCIDENTAL COSTS NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY STATE, COUNTY AND LOCAL GOVERNMENTAL AGENCIES.		24. ALL AC POWER CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM TECHNOLOGY LOW VOLTAGE CABLES, INTERCOM, FIRE ALARM, SECURITY CABLES IN ANY PARALLEL, OPEN WIRE RUN.			
<div>CONTROL:</div> <div><div>Ⓢ</div>MANUAL ON/OFF SWITCH</div> <div><div>ⓈⓂ</div>WALL BOX DIMMER SWITCH, "MARK" INDICATES WATTAGE IF OTHER THAN 600</div> <div><div>ⓈⓂⓈ</div>WALL BOX DIMMER SWITCH WITH OCCUPANCY SENSOR</div> <div><div>ⓈⓂⓈⓈ</div>DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR</div>		4. ALL ELECTRICAL WORK REFERENCED HEREIN SHALL BE COORDINATED WITH OTHER TRADES AND SITE CONDITIONS. ANY COSTS TO INSTALL WORK TO ACCOMPLISH SAID COORDINATION WHICH DIFFERS FROM THE WORK AS SHOWN ON THE CONTRACT DOCUMENTS SHALL BE INCURRED BY THE CONTRACTOR. ANY DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.		25. CONTRACTOR SHALL PROVIDE AND INSTALL ALL SLEEVES REQUIRED TO INSTALL COMMUNICATION CABLING THROUGH RATED WALLS. ALL TECHNOLOGY SYSTEM CONDUIT SLEEVES SHALL HAVE PROTECTIVE BUSHING ON BOTH ENDS, BE DEDICATED FOR TECHNOLOGY SYSTEMS ONLY AND SHALL NOT SHARE WITH OTHER BUILDING TRADES.			
<div>POWER OUTLETS:</div> <div><div>ⓂⓂ</div>20A-125V DUPLEX RECEPTACLE</div> <div><div>ⓂⓂⓂ</div>20A-125V FOURPLEX RECEPTACLE. SAME SYMBOLOGY AS DUPLEX RECEPTACLE</div> <div><div>LC1-X</div>CIRCUIT DESIGNATION NEXT TO RECEPTACLE DEVICES INDICATES BRANCH CIRCUIT NUMBER. SEE PANEL SCHEDULES FOR INFORMATION.</div>		5. PROVIDE TEMPORARY POWER FACILITIES AND CONNECTIONS FOR ALL FEEDERS, BRANCH CIRCUITS OR SIGNAL AND COMMUNICATIONS SYSTEMS BEING DISCONNECTED IN ORDER TO MAINTAIN SYSTEMS IN OPERATION.		26. CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING METHODS.			
<div>EQUIPMENT:</div> <div><div>+42"</div>A NOTATION INDICATING THE MOUNTING HEIGHT OF A DEVICE AS MEASURED FROM FINISHED FLOOR OR GRADE TO CENTER LINE OF DEVICE</div> <div><div>ⓂⓂⓂ</div>DISCONNECT SWITCH, FRAME SIZE/FUSE SIZE/POLES AS INDICATED, "NF" INDICATES NON-FUSIBLE, NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED. PROVIDE FUSED BUSWAY PLUG WHEN SWITCH IS INDICATED ON BUSWAY. ALL DISCONNECT SWITCHES SHALL BE 30NF/3 UNLESS OTHERWISE NOTED</div> <div><div>ⓂⓂⓂ</div>PANELBOARD</div> <div><div>ⓂⓂⓂ</div>SWITCHBOARD / DP</div> <div><div>ⓂⓂⓂ</div>TRANSFORMER</div> <div><div>ⓂⓂⓂ</div>GROUNDING CONNECTION TO GROUNDING ELECTRODE AS DEFINED IN CEC ARTICLE 250</div>		6. ALL INTERRUPTION OF ELECTRICAL POWER SHALL BE KEPT TO A MINIMUM. HOWEVER WHEN AN INTERRUPTION IS NECESSARY, THE SHUTDOWN MUST BE COORDINATED WITH THE OWNER AND ENGINEER 14 DAYS PRIOR TO THE OUTAGE AND OVERTIME PAY SHALL BE INCLUDED IN THE CONTRACTORS BID. WORK IN EXISTING SWITCHBOARDS OR PANEL BOARDS SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVING ACCESS PANELS OR DOORS.		27. ALL CONDUCTORS SHALL BE UL LISTED, COPPER #12 MINIMUM SIZE, TYPE THHN/THWN THERMOPLASTIC, 600 VOLT, 75 DEGREES CELSIUS WET AND 90 DEGREES CELSIUS DRY, UNLESS NOTED OTHERWISE.			
<div>REMODEL:</div> <div><div>(E) ⓂⓂ</div>EQUIPMENT WITH "E" ADJACENT IS EXISTING TO REMAIN.</div> <div><div>(R) ⓂⓂ</div>EXISTING EQUIPMENT WITH "R" ADJACENT IS TO BE COMPLETELY DISCONNECTED AND REMOVED.</div> <div><div>(RR) ⓂⓂ</div>EXISTING EQUIPMENT WITH "RR" ADJACENT IS TO BE DISCONNECTED, REMOVED AND RELOCATED TO NEW LOCATION AND RECONNECTED AS REQUIRED.</div> <div><div>(ER) ⓂⓂ</div>EQUIPMENT WITH "ER" ADJACENT IS RELOCATED EQUIPMENT SHOWN IN NEW LOCATION.</div> <div><div>ⓂⓂ</div>NO TAG INDICATES NEW EQUIPMENT.</div> <div><div>(E) PNL-CKT</div>CIRCUIT DESIGNATION WITH PREFIX "E" DENOTES EXISTING CIRCUIT AND EQUIPMENT IS TO REMAIN.</div>		7. AFTER ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS HAVE BEEN FULLY COMPLETED, REPRESENTATIVES OF THE OWNERS WILL INSPECT THE WORK. THE CONTRACTOR SHALL PROVIDE COMPETENT PERSONNEL TO DEMONSTRATE THE OPERATION OF ANY ITEM OR SYSTEM TO THE FULL SATISFACTION OF EACH REPRESENTATIVE. FINAL ACCEPTANCE OF THE WORK WILL BE MADE BY THE OWNER AFTER RECEIPT OF APPROVAL AND RECOMMENDATION OF ACCEPTANCE FROM EACH REPRESENTATIVE.		28. ALL CABLING SHALL BE ROUTED IN CONDUIT. SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH MAXIMUM 40% CABLE FILL. MINIMUM CONDUIT SIZE SHALL BE 3/4" INTERIOR & 1" EXTERIOR.			
		8. FURNISH A ONE YEAR WRITTEN GUARANTEE OF MATERIALS AND WORKMANSHIP FROM THE DATE OF PUNCH LIST COMPLETION.		29. ALL CONDUIT STUB OUTS AND SLEEVES SHALL HAVE PROTECTIVE BUSHINGS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED.			
		9. ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTOR.					
		10. EXACT METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN CONCRETE OR MASONARY WALLS, GRADEBEAMS, FLOORS OR STRUCTURAL STEEL MEMBER SHALL BE AS DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SNAICUTTING, PATCHING, AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING OF THE PARTICULAR WALL, FLOOR OR CEILING EXACT METHOD AND LOCATION OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS SHALL BE UL APPROVED.					
		11. FINAL CONNECTIONS TO VIBRATING EQUIPMENT AND AT SEISMIC SEPARATIONS SHALL BE FLEXIBLE STEEL CONDUIT IN DRY INTERIOR LOCATIONS, AND LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN AREAS EXPOSED TO WEATHER, DAMP LOCATIONS, CONNECTIONS TO TRANSFORMER ENCLOSURES, AND FINAL CONNECTIONS TO MOTORS.					
		12. EQUIPMENT OUTLETS, LIGHTING FIXTURES, CONDUIT, WIRE AND CONNECTION METHODS IN HVAC AIR-PLENUMS SHALL BE APPROVED FOR USE IN PLENUMS AND SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.					
		13. ROUTE EXPOSED CONDUIT AND CONDUIT ABOVE ACCESSIBLE CEILING SPACES PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.					
		14. CONDUIT SHALL NOT BE INSTALLED IN ANY FLOOR SLAB. CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED WALLS, OR 24" MINIMUM BELOW SLAB ON GRADE UNLESS NOTED OTHERWISE.					
		15. LOCATE ELECTRICAL EQUIPMENT AND BOXES IN ACCESSIBLE CEILING SPACE OR PROVIDE AN ACCESS PANEL FOR INACCESSIBLE CEILING SYSTEMS. ACCESS DOORS SHALL BE A MINIMUM DIMENSION OF 24" x 24" ACCESS DOOR LOCATIONS SHALL SUIT ACCESSIBILITY AND CONSTRUCTION CONDITIONS. ACCESS DOORS SHALL HAVE A FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.					
		16. COORDINATE REQUIRED ACCESS DOORS IN NON-ACCESSIBLE CEILING TO SUIT FIELD CONDITIONS, THE EXACT SIZES AND PHYSICAL LOCATIONS SHALL SUIT ACCESSIBILITY AND CONSTRUCTION CONDITIONS. ACCESS DOORS SHALL BE PROVIDED IN OTHER SECTIONS OF THE SPECIFICATIONS. ACCESS DOORS SHALL HAVE A FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.					
		17. WHENEVER A DISCREPANCY OF ANY SYSTEM AND/OR EQUIPMENT ARISES ON THE CONTRACT DOCUMENTS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ARCHITECT/ENGINEER.					
		18. STRAIGHT FEEDER BRANCH CIRCUIT AND CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS.					
		19. PANEL SCHEDULES SHALL BE REVISED TO REFLECT FINAL ROOM NAMES AND NUMBERS USING OWNER'S ROOM NAMES AND NUMBERS DESIGNATIONS. CONTRACTOR TO PROVIDE FINAL PANEL SCHEDULE TO EEOB AT COMPLETION OF PROJECT.					
		20. WHERE OUTLETS OCCUR AT TACKABLE WALL PANELS OR OTHER WALL FINISHES, PROVIDE EXTENSION RINGS AS REQUIRED SO THAT NO SPACE WILL EXIST BETWEEN DEVICE PLATE AND BACKBOX PER CALIFORNIA ELECTRICAL CODE 314.20 SEE ARCHITECTURAL ELEVATIONS FOR WALL FINISHES AND LOCATIONS.					
		21. COORDINATE LOCATIONS OF ALL SEISMIC SEPARATIONS.					
		UTILITY PENETRATIONS NOTE		EQUIPMENT ANCHORAGE NOTES			
		UTILITY PENETRATIONS OF ANY KIND IN FIRE AND SMOKE PARTITIONS AND CEILING ASSEMBLIES SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED UL LISTED SYSTEM OR MATERIAL.		MEP COMPONENT ANCHORAGE NOTES:			
		STEEL ELECTRICAL OUTLET BOXES WHICH DO NOT EXCEED 16 SQUARE INCHES IN AREA, NEED NOT BE PROTECTED IN ONE HOUR OR TWO HOUR FIRE RATED WALLS, PARTITIONS, CEILING, OR AREA SEPARATION UNLESS THEY:		ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.			
		1. OCCUR ON OPPOSITE SIDES OF THE WALL WITHIN 24 INCH HORIZONTAL DISTANCE OF ONE ANOTHER. IN THIS CASE, ONLY ONE OUTLET BOX NEEDS TO BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL OR DETAIL TO CORRECT THIS CONDITION.		1. ALL PERMANENT EQUIPMENT AND COMPONENTS.			
		2. OCCUR IN COMBINATION WITH OUTLET BOXES OF ANY SIZE SUCH THAT THE AGGREGATE AREA OF UNPROTECTED OUTLET BOXES EXCEEDS 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF WALL AREA. IN THIS CASE, ONLY A SUFFICIENT NUMBER OF OUTLET BOXES NEED TO BE PROTECTED BY AN APPROVED MATERIAL OR DETAIL TO DECREASE THE AGGREGATE AREA OF UNPROTECTED UTILITY BOXES TO LESS THAN 100 SQUARE FEET OF WALL.		2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRIC, GAS OR WATER, "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.			
		STEEL ELECTRICAL OUTLET BOXES WHICH EXCEED 16 SQUARE INCHES IN AREA, AND ALL OTHER STEEL UTILITY OUTLET BOXES REGARDLESS OF SIZE, SHALL BE PROTECTED BY AN APPROVED FIRESTOP MATERIAL AS LISTED OR EQUAL.		3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.			
		FIRESTOPPING MATERIAL: MPP-1 MOLDBASE PUTTY PADS		THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:			
		3M CONTRACTOR PRODUCTS MINNEAPOLIS MN, 3M TEST REPORT NO. 1167 DATED AUGUST 21, 1987		1. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.			
		FSP FIRESTOP PUTTY PADS HEVI-DUTY NELSON PRODUCTS TULSA, OK		2. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUND PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.			
		STEEL UTILITY BOXES WHICH EXCEED 100 SQUARE INCHES IN AREA SHALL BE PROTECTED BY ENCASEMENT.		THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.			
		UTILITY AND ELECTRICAL OUTLETS OR BOXES SHALL BE SECURELY FASTENED TO THE STUD FRAMING OF THE WALL, PARTITION OR CEILING ASSEMBLY. THE OPENING IN THE GYPSUM BOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE GYPSUM BOARD DOES NOT EXCEED 1/8 INCH IN SMOKE WALLS OR PARTITIONS, THE 1/8 INCH CLEARANCE SHALL BE FILLED WITH AN APPROVED FIRE-RATED SEALANT.		PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE			
				PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTION 1617A.1.24, 1617A.1.25, AND 1617A.1.26.			
				THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO START OF AND DURING THE HANGING AND BRACING OF DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.			
				MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):			
				MP <input type="checkbox"/> MD <input type="checkbox"/> PP <input checked="" type="checkbox"/> E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES & DETAILS.			
				MP <input type="checkbox"/> MD <input type="checkbox"/> PP <input type="checkbox"/> E OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) # _____.			
		APPLICABLE CODES					
		PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020 * 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 COR * 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 COR (2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS) 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 COR (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS) 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 COR 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 COR (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS) 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 COR (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS) 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 COR 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 COR TITLE 19 COR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS					
				DIAGRAMMATIC NOTE			
				DRAWINGS ARE DIAGRAMMATIC AND DO NOT INDICATE DETAILED CONDUIT ROUTING OR LENGTHS REQUIRED FOR COMPLETE INSTALLATION. ROUTING OF TRACWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR BUT SHALL BE IN STRICT COMPLIANCE WITH STRUCTURAL REQUIREMENTS, CONTRACT DOCUMENTS AND SPECS UNLESS OTHERWISE NOTED. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES. DO NOT SCALE THE ELECTRICAL DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, ARCHITECTURAL, STRUCTURAL AND/OR MECHANICAL ITEMS OR FEATURES. REFER TO ARCHITECTURAL AND STRUCTURAL CONTRACT DOCUMENTS FOR FEATURES. REFER TO ARCHITECTURAL AND STRUCTURAL CONTRACT DOCUMENTS FOR DIMENSIONS.			
				DEVICE LOCATIONS NOTE			
				THE LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS, DETAILS, OR SECTIONS PRIOR TO INSTALLATION. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE RECESSED IN WALLS UNLESS OTHERWISE NOTED. OUTLETS NOT INDICATED ON ARCHITECTURAL ELEVATIONS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO ROUGH-IN, UNLESS OTHERWISE NOTED. ELECTRICAL DEVICES SHALL BE MOUNTED PER ACCESSIBLE DEVICE MOUNTING HEIGHT DETAIL.			
				COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT SUPPLY POWER AND MAKE CONNECTION TO MOTORS AND EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AS INDICATED ON THE SINGLE LINE DIAGRAM, ELECTRICAL DRAWINGS, AND DRAWINGS OF OTHER TRADES. REVIEW THE DRAWINGS OF OTHER TRADES FOR CONTROL DIAGRAMS, SIZE AND LOCATION OF EQUIPMENT, DISCONNECT SWITCHES, STARTERS, WIRING, CONTROLS, AND CONDUIT FOR MECHANICAL AND PLUMBING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MANUFACTURER'S SHOP DRAWINGS PRIOR TO ROUGHING IN ALL CONDUIT TO THIS EQUIPMENT.			
				STRUCTURAL NOTE			
				UNLESS SPECIFICALLY SHOWN ON THESE PLANS, STRUCTURAL MEMBERS SHALL NOT BE CUT, DRILLED, OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.			
				MOUNTING OVER OBSTRUCTION DETAIL			
				<p>Diagram showing a person standing next to a wall with a switch, device, outlet, and microphone. Dimensions include 48" MAX height for the top of the box, 34" MAX height for the bottom of the box, and 48" MAX side approach with knee and toe clearance. The diagram also shows the bottom of the box at 15" MIN from the finished floor. The diagram is labeled with 2022 CBC FIG. 11B-308.2.1, 11B-308.2.2, and 11B-308.3.2.</p>			
				NOTE:			
				1. THIS DETAIL APPLIES TO MOUNTING OF ANY MECHANICAL AND ELECTRICAL DEVICE WHICH CONTAINS AN OPERABLE PART THAT IS ADJUSTABLE BY THE OCCUPANT. THIS DOES NOT APPLY TO SENSORS OR CONTROLS THAT ARE ONLY ADJUSTABLE THROUGH THE BUILDING AUTOMATION SYSTEM (IE: TEMPERATURE AND HUMIDITY SENSORS).			
				UL LISTINGS NOTE			
				ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITER'S LABORATORIES (UL) AND BEAR THEIR LABEL OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY.			
				ALL EQUIPMENT/DEVICES INSTALLED RECESSED IN FIRE RATED CEILINGS OR WALLS SHALL BE ENCLOSED WITH AN APPROVED UL LISTED ENCLOSURE CARRYING THE SAME FIRE RATING AS THE CEILING OR WALL.			



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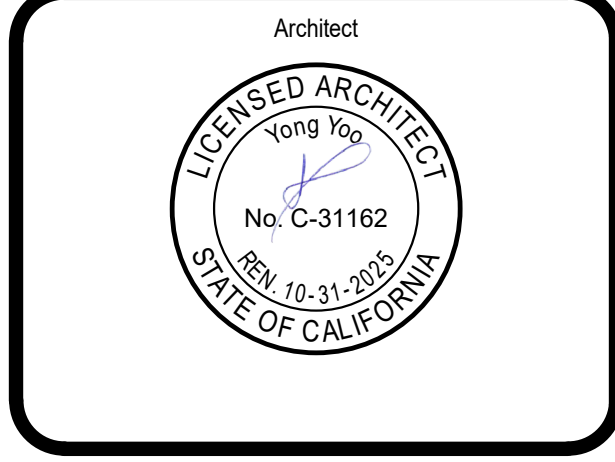
REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City/Submital - Registration #B202301766



KEY PLAN



REVISIONS		
No.	Description	Date

CITYSUBMITAL - REGISTRATION #B202301766

ELECTRICAL SYMBOLS,
LEGENDS & GENERAL
NOTES

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
NRCC-LTI-E
This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)(2) for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)(4) for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.
Project Name: Transportation Center
Project Address: 1442 South Bon View, Ontario CA, 91761
Report Page: (Page 1 of 7)
Date Prepared: 2023-02-16T18:13:06-05:00

A. GENERAL INFORMATION				
01 Project Location (city)	Ontario	04 Total Conditioned Floor Area (ft ²)	3,054	
02 Climate Zone	10	05 Total Unconditioned Floor Area (ft ²)	0	
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	2	
● Warehouse				

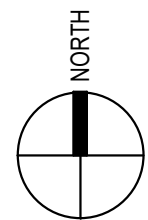
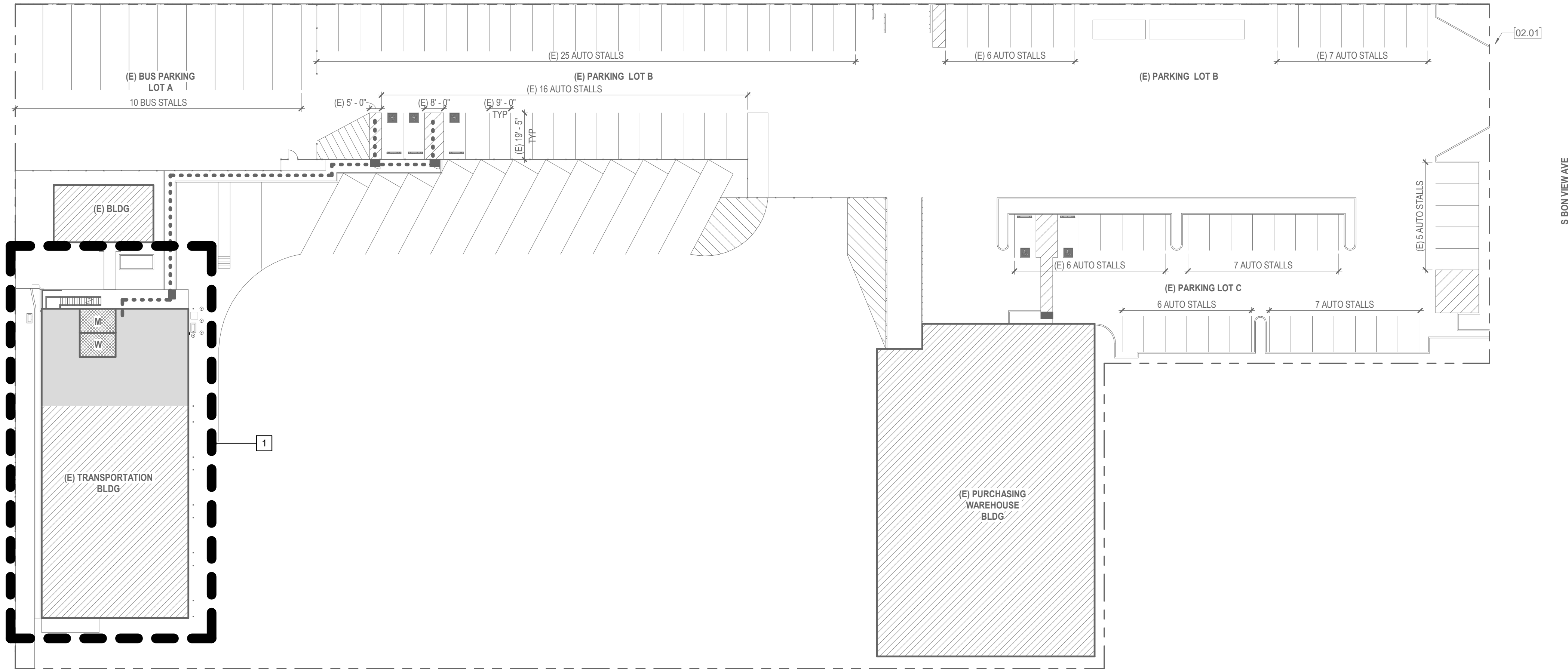
B. PROJECT SCOPE					
This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)(2) / 180.2(b)(4) for alterations.					
Scope of Work		Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05	
My Project Consists of (check all that apply):		Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
<input checked="" type="checkbox"/>	New Lighting System	Area Category Method	2384	N/A	0
<input type="checkbox"/>	New Lighting System - Parking Garage	N/A	0	N/A	0
<input checked="" type="checkbox"/>	Altered Lighting System	Area Category Method	670	N/A	0
Total Area of Work (ft²)		3054			

Registration Number: Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 88069-0223-0003
Schema Version: rev 20220101 Report Generated: 2023-02-16 15:13:10

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
NRCC-LTI-E
Project Name: Transportation Center
Project Address: 1442 South Bon View, Ontario CA, 91761
Report Page: (Page 4 of 7)
Date Prepared: 2023-02-16T18:13:06-05:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)									
Area Level Controls									
04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) / 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1/ 170.2(e)2A	Field Inspector	
								Pass	Fail
STORAGE ROOM	Storage - MF common areas	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
13									
Plan Sheet Showing Daylight Zones:									



GENERAL NOTES

1. THE EXISTING BUILDING INCLUDING PORTIONS OF THE RENOVATED AREA SHALL REMAIN IN SERVICE DURING THE CONSTRUCTION PHASE OF THIS PROJECT. ANY MODIFICATIONS TO THE EXISTING ELECTRICAL SYSTEMS THAT MAY REQUIRE THE TEMPORARY INTERRUPTION OF EXISTING SERVICES SHALL BE COORDINATED AND PRE-SCHEDULED WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
2. ELECTRICAL ENGINEERING FOR THIS PROJECT IS BASED ON EXISTING DRAWINGS AND A FIELD VISIT OF THE ELECTRICAL SYSTEM. IN CASE OF ANY DISCREPANCIES WITH EXISTING FIELD CONDITIONS, ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT DIFFERENCES AND NOTIFY THE ELECTRICAL ENGINEER FOR POSSIBLE REVISION TO THESE DOCUMENTS.

KEY NOTES

- 1 SCOPE OF WORK



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REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

TRANSPORTATION CENTER

PROJECT ADDRESS:
1442 South Bon View
Ontario, CA 91761
City Submittal - Registration #B202301766

KEY PLAN

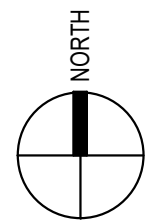
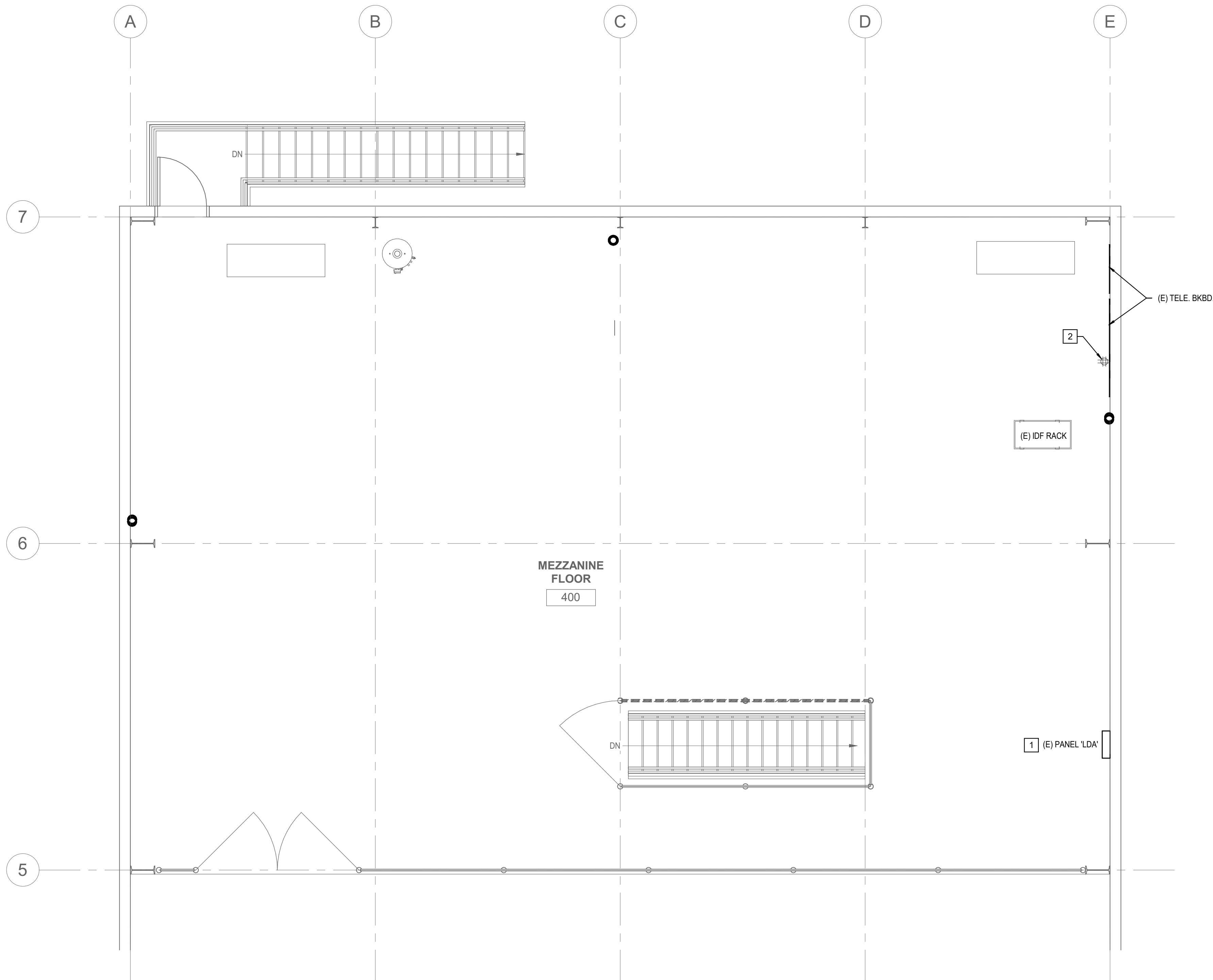
NORTH: PLAN TRUE

Consultant
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ROYAL C. DELA CRUZ
No. E 23576
Exp. 09-30-2023
STATE OF CALIFORNIA
ELECTRICAL

Architect
LICENSED ARCHITECT
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STATE OF CALIFORNIA

CLIENT		
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OVERALL SITE PLAN



GENERAL NOTES

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KEY NOTES

- 1 EXISTING ELECTRICAL PANEL SHALL REMAIN AND BE PROTECTED IN PLACE.
- 2 EXISTING QUAD RECEPTACLE SHALL REMAIN AND BE PROTECTED IN PLACE.

B202301766

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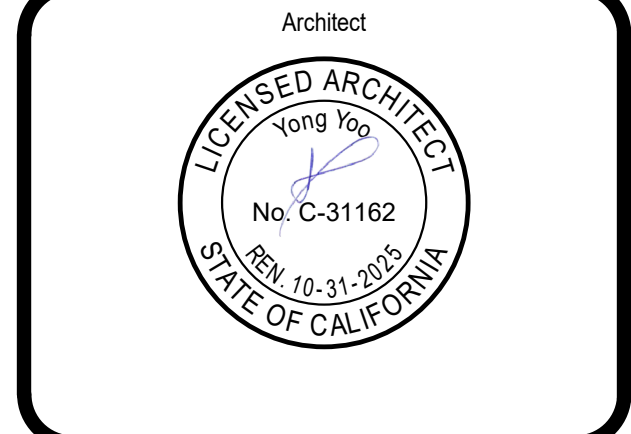
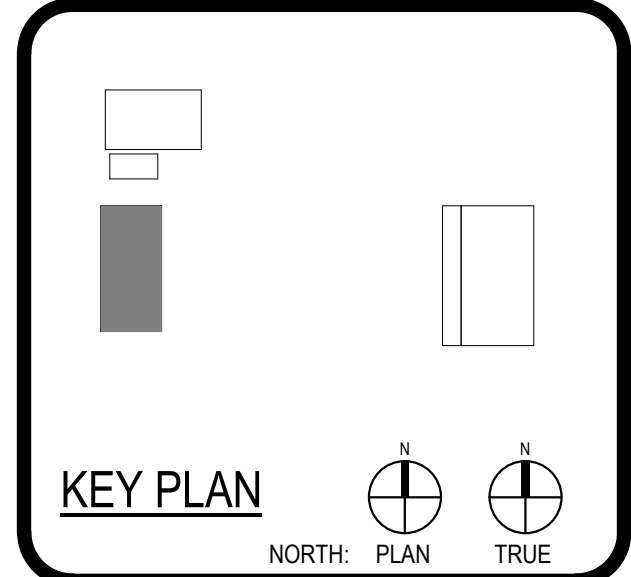
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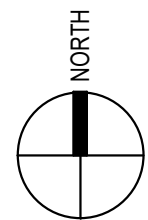
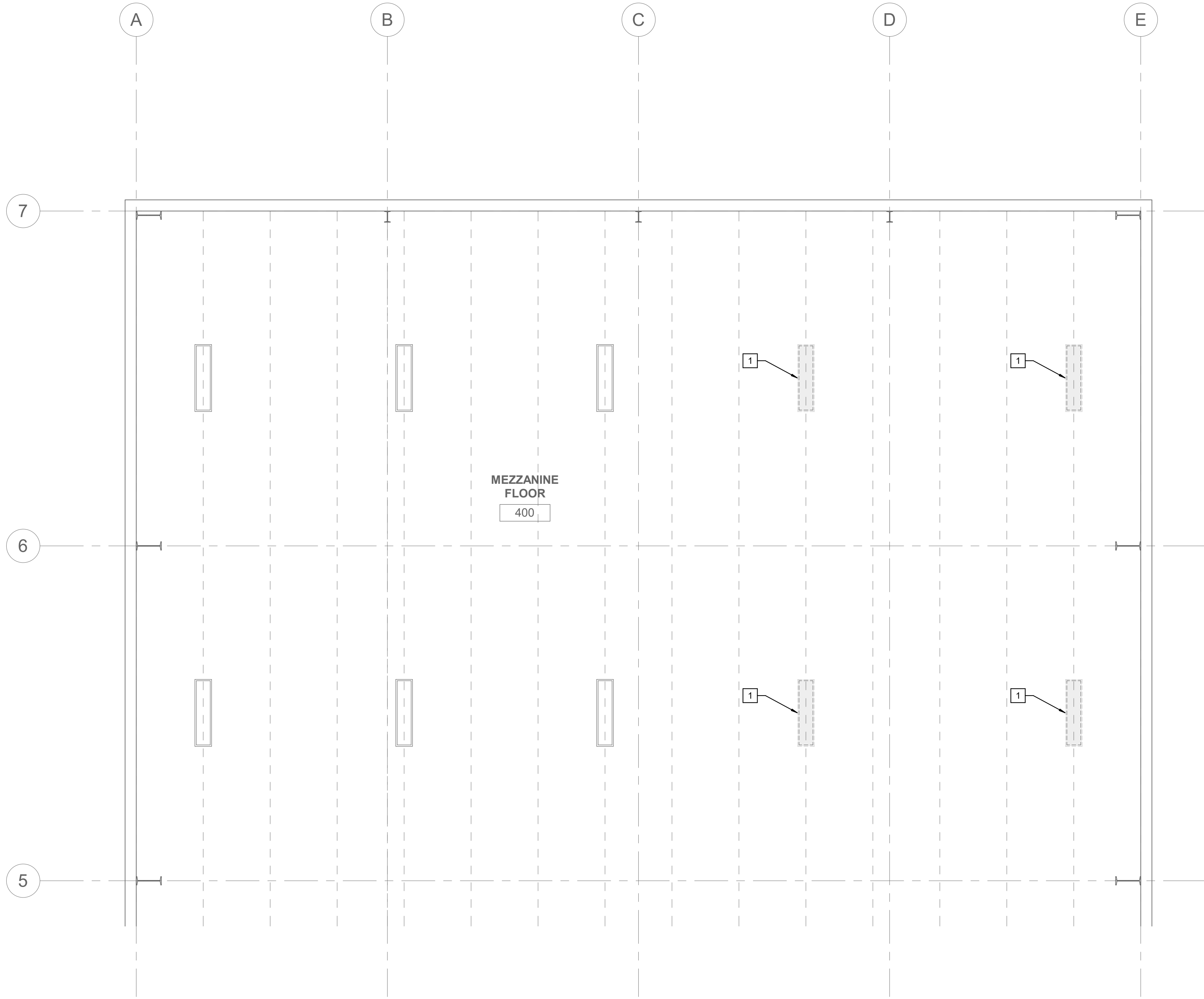
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City/Submital - Registration #B202301766



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City/Submital - Registration #B202301766

**ELECTRICAL
DEMOLITION ENLARGED
PLANS**



GENERAL NOTES

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KEY NOTES

- 1 EXISTING LIGHT FIXTURE SHALL BE REMOVED AND RELOCATED TO NEW LOCATION. SEE E2.02 FOR ADDITIONAL INFORMATION.

B202301766



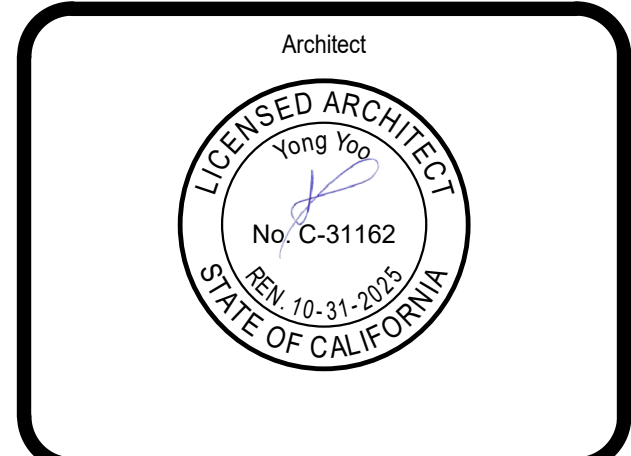
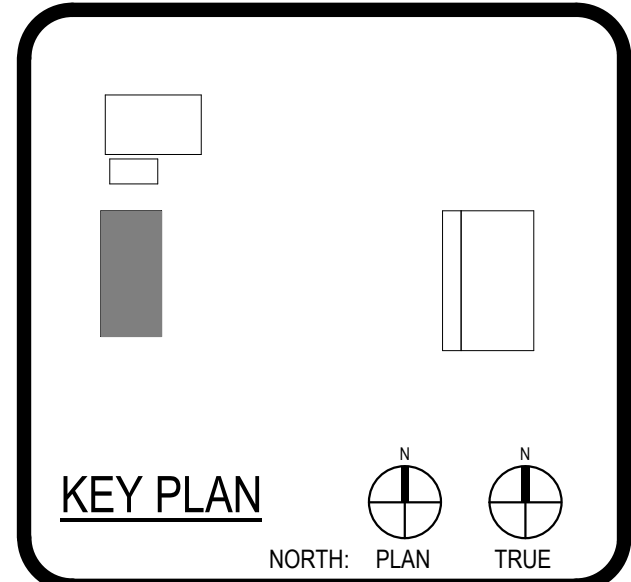
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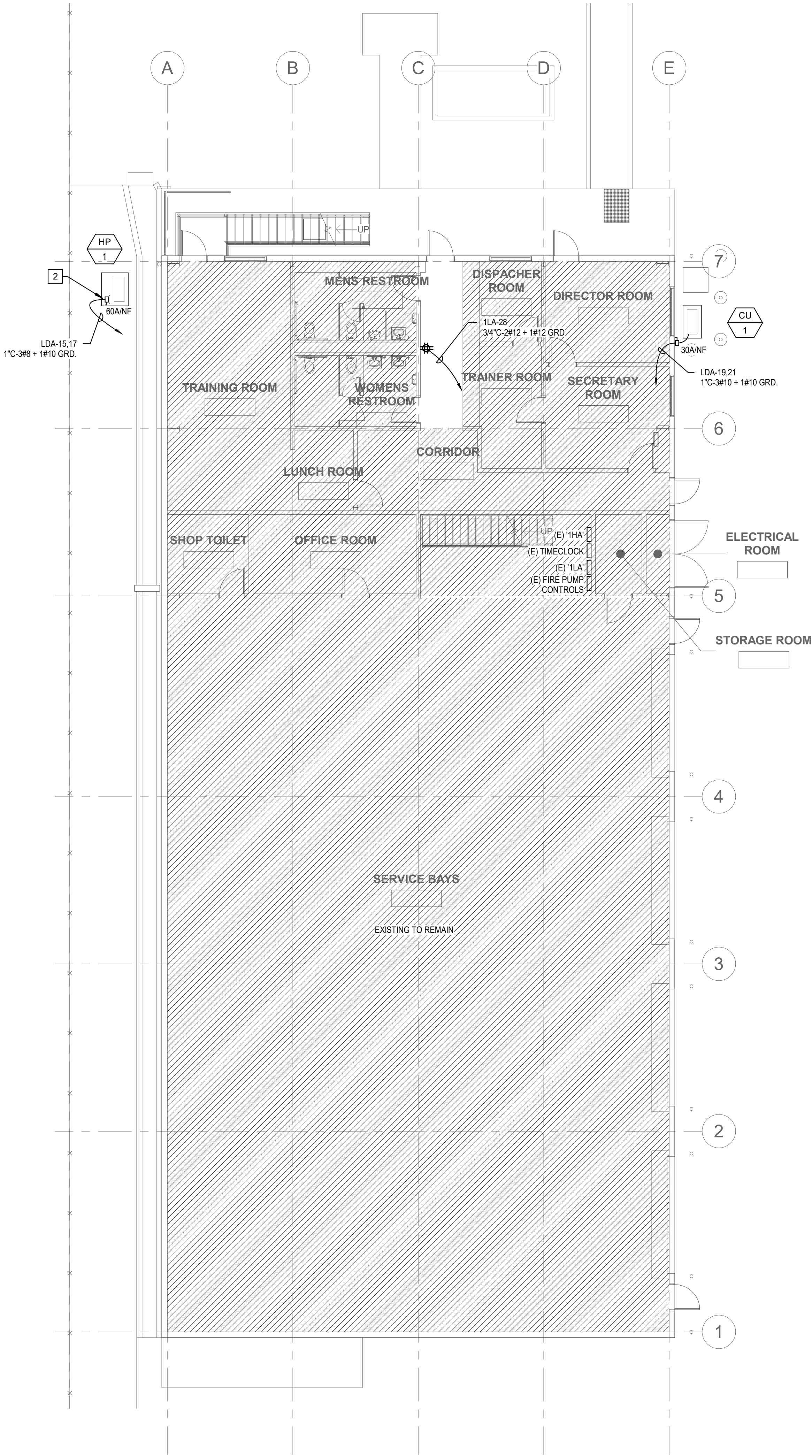


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No.	Description	Date

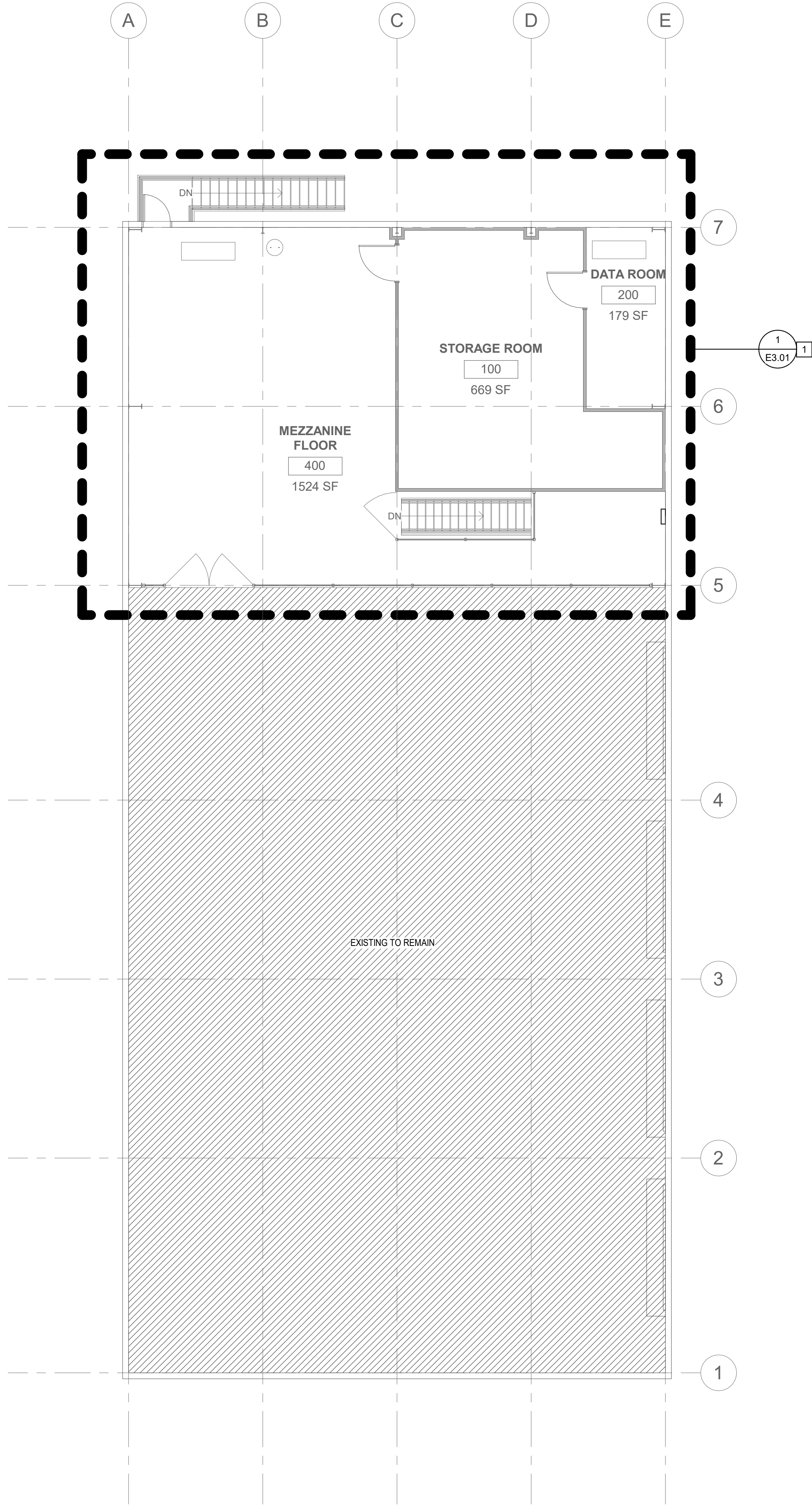
CitySubmital - Registration #B202301766

ELECTRICAL
DEMOLITION SECOND
FLOOR RCP

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



1 FLOOR PLAN - SECOND FLOOR
1/8" = 1'-0"



GENERAL NOTES

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KEY NOTES

- 1 SEE ENLARGED PLAN FOR ADDITIONAL INFORMATION.
- 2 PROVIDE NON-FUSIBLE DISCONNECT SWITCH ON UNISTRUT SUPPORTS, SEE DETAIL.

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ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

Consultant
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STATE OF CALIFORNIA

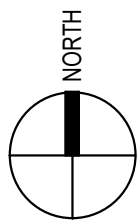
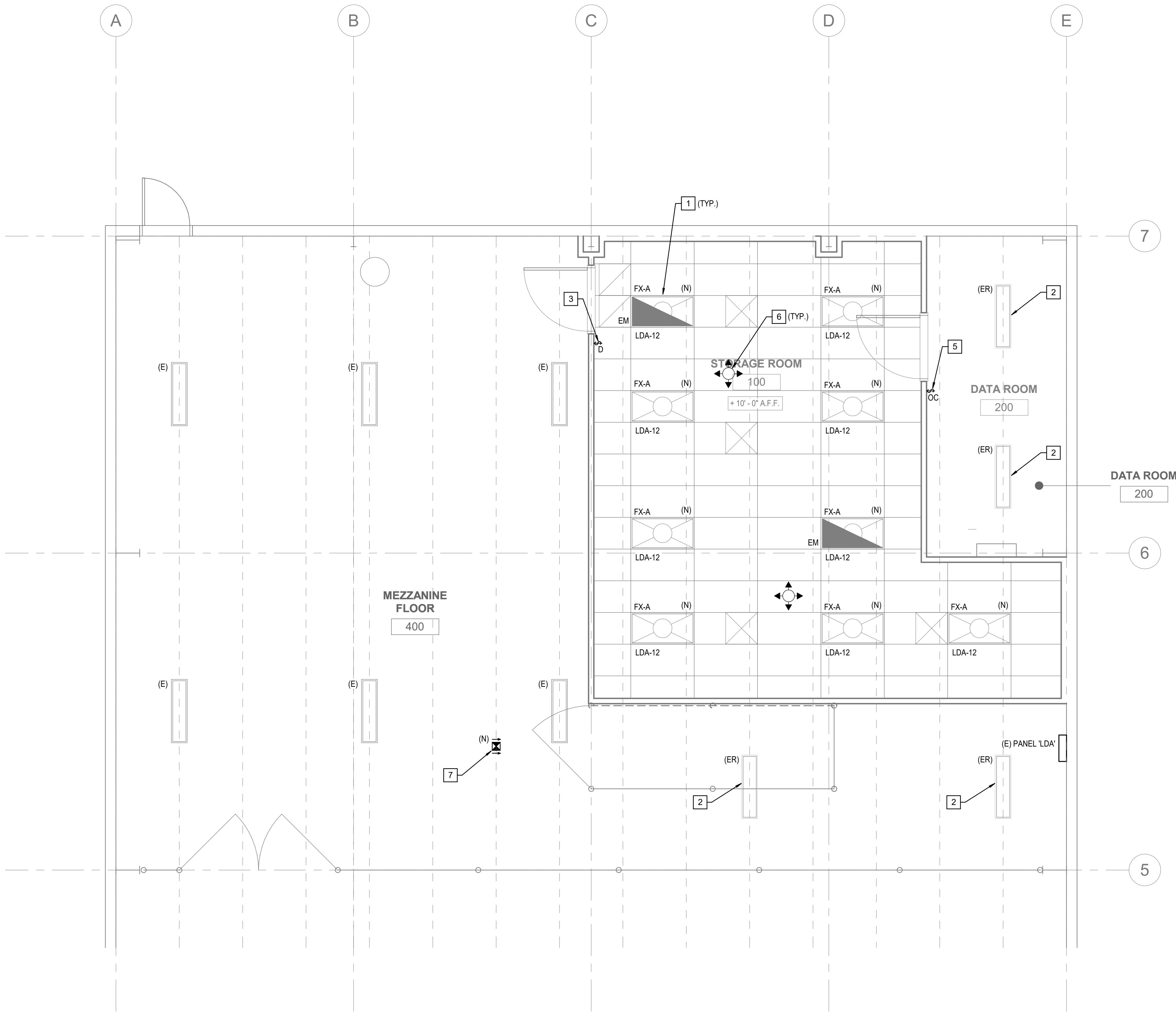
Architect
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Yong Yoo
No. C-31162
Exp. 10-31-2025
STATE OF CALIFORNIA

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS		
No.	Description	Date

City/Submital - Registration #B202301766

ELECTRICAL FLOOR PLANS



GENERAL NOTES

1. THE EXISTING BUILDING INCLUDING PORTIONS OF THE RENOVATED AREA SHALL REMAIN IN SERVICE DURING THE CONSTRUCTION PHASE OF THIS PROJECT. ANY MODIFICATIONS TO THE EXISTING ELECTRICAL SYSTEMS THAT MAY REQUIRE THE TEMPORARY INTERRUPTION OF EXISTING SERVICES SHALL BE COORDINATED AND PRE-SCHEDULED WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
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3. ALL LOW VOLTAGE LIGHTING CONTROL CABLING IN OPEN CEILING AREAS SHALL BE CONCEALED IN A MINIMUM 3/4" CONDUIT. NO EXPOSED CABLES SHALL BE ALLOWED.
4. PROVIDE EMERGENCY BATTERY PACKS FOR ALL LIGHTING FIXTURES DESIGNATED TO BE ON EMERGENCY POWER AND EXIT SIGNS. PROVIDE UNSWITCHED HOT TO BATTERY SO THAT LAMPS CAN BE SWITCHED OFF AND ON WITHOUT DRAINING BATTERY. RE-DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE 20A UNSWITCHED BRANCH CIRCUIT (2#12, 1#12S, 3/4"C) FROM PANEL TO ALL EXIT SIGNS IN THIS AREA.

KEY NOTES

- 1 NEW LED LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE ON SHEET E5.01 FOR ADDITIONAL INFORMATION.
- 2 RELOCATED LIGHTING FIXTURE. EXTEND NEW CONDUIT AND WIRING TO MATCH EXISTING TO THE NEW FIXTURE LOCATION. RE-USE EXISTING CIRCUIT.
- 3 LOW VOLTAGE WALL ON/OFF SWITCH WITH DIMMING
- 4 NOT USED.
- 5 LOW VOLTAGE WALL ON/OFF SWITCH WITH OCCUPANCY SENSOR
- 6 LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR
- 7 PROVIDE NEW EMERGENCY EXIT SIGN.



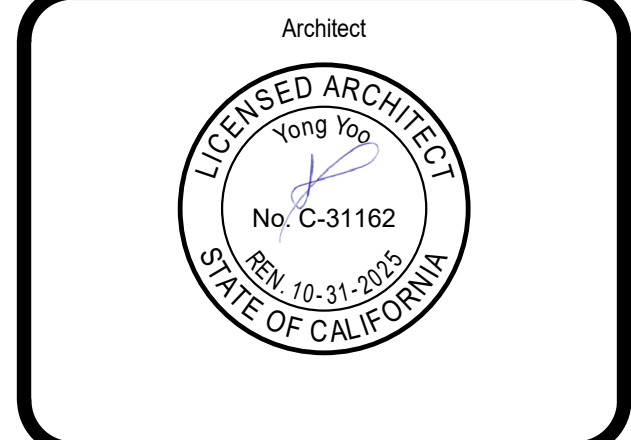
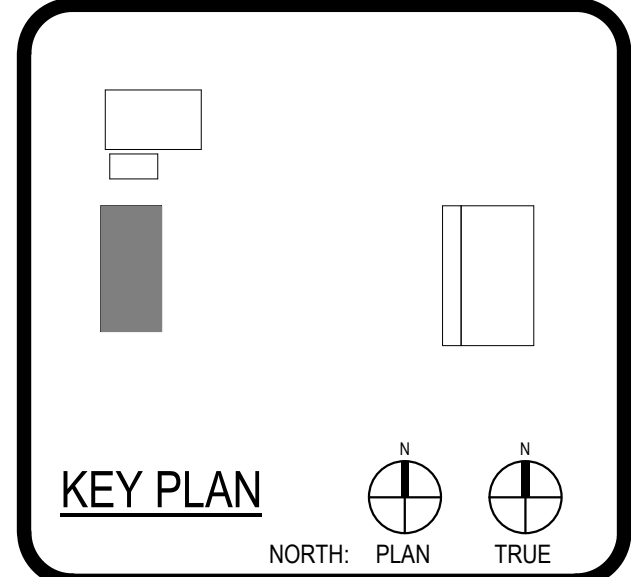
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REVIEWED
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BPR CONSULTING GROUP

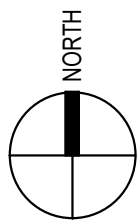
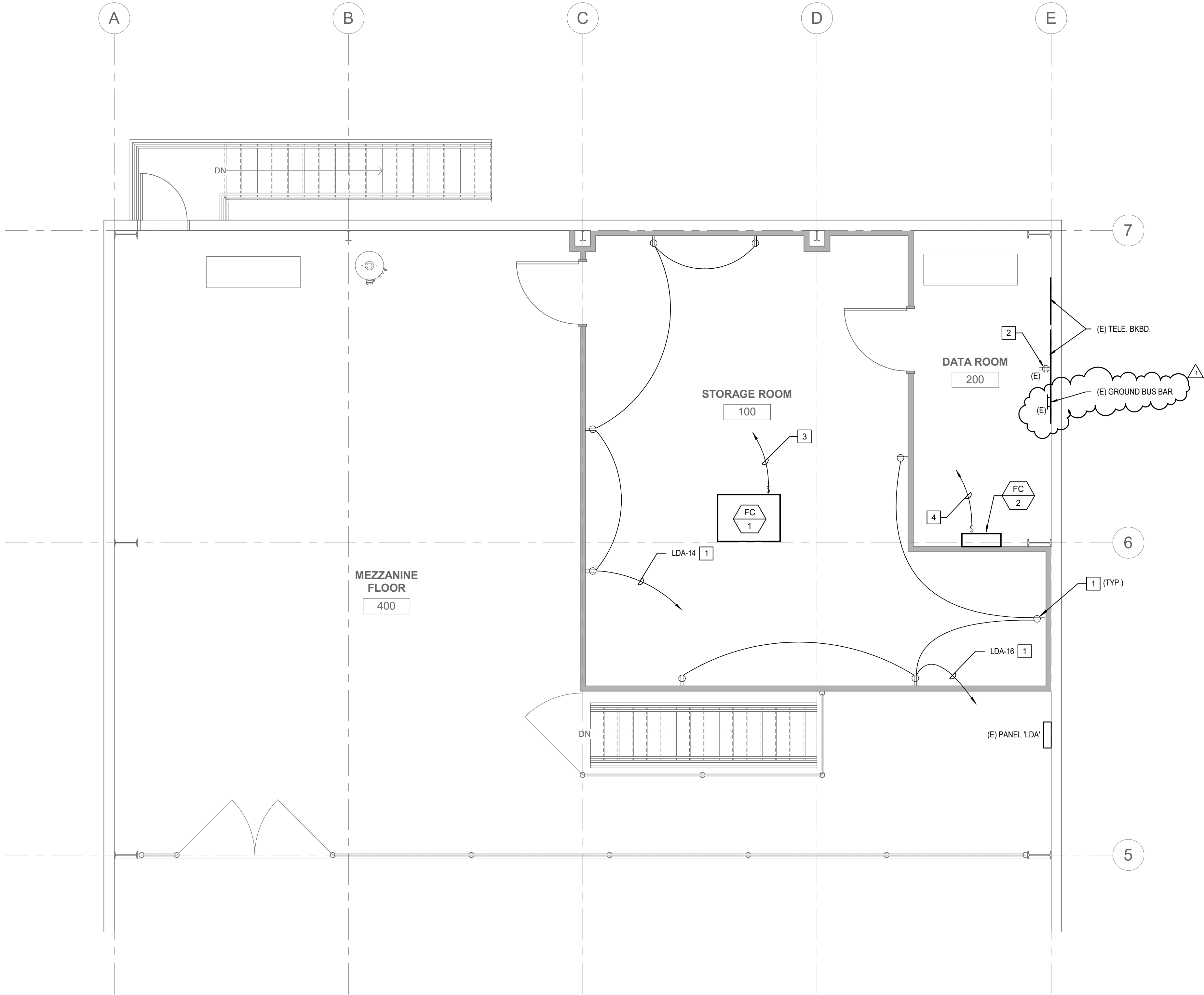
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City/Submital - Registration #B202301766



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ENLARGED FLOOR
PLAN - SECOND FLOOR
LIGHTING PLAN



GENERAL NOTES

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KEY NOTES

1. INSTALL NEW 120V RECEPTACLE, 3/4"C-2#12 + 1#12 GRD.
2. EXISTING RECEPTACLE SHALL REMAIN AND BE PROTECTED IN-PLACE.
3. PROVIDE LOCAL DISCONNECT SWITCH. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT. PROVIDE 3/4"C-3#8 + 1#10 GRD. ROUTE CONDUIT AND WIRE TO OUTDOOR UNIT. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
4. PROVIDE LOCAL DISCONNECT SWITCH. INDOOR UNIT IS POWERED FROM OUTDOOR UNIT. PROVIDE 3/4"C-3#10 + 1#10 GRD. ROUTE CONDUIT AND WIRE TO OUTDOOR UNIT. SEE MECHANICAL PLANS FOR ADDITIONAL INFORMATION.



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ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN

NORTH: PLAN TRUE

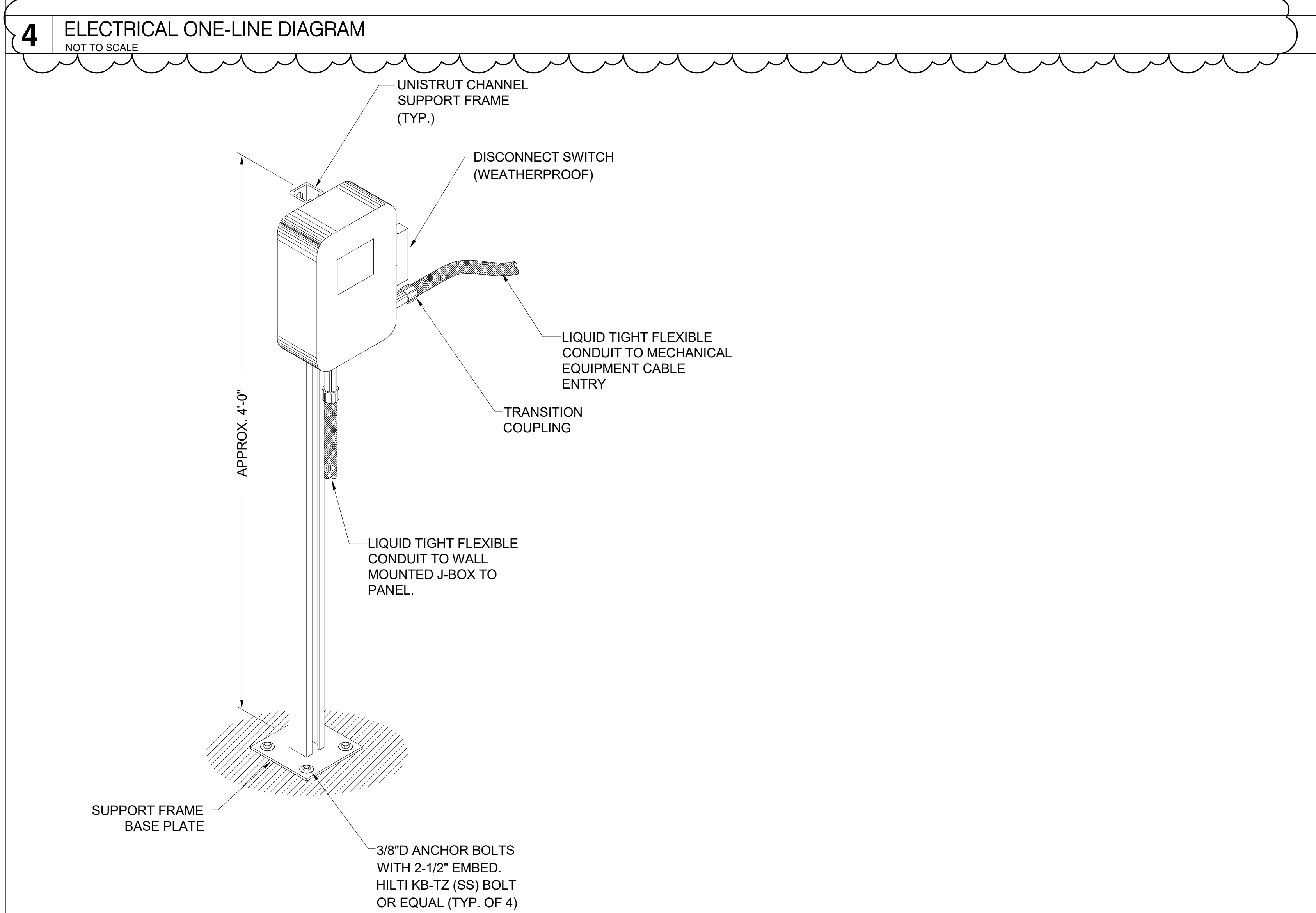
Consultant
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RONALD C. DE LA CRUZ
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ELECTRICIAN
STATE OF CALIFORNIA

Architect
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1	CITY BACK CHECK	10/23/23

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ELECTRICAL ENLARGED PLANS



KEY NOTES:

- ① ATTACH WIRE TO FIXTURE (3 TIGHT TURNS MIN. IN 1½" MAX.)
- ② MIN #8 "TEK" SCREW GRID TO FIXTURE @ EACH CORNER.
- ③ ATTACH HANGER WIRES TO STRUCTURE AS PER STRUCTURAL DETAIL

2	RECESSED FIXTURE IN LAY-IN GRID DETAIL NOT TO SCALE
---	--



MountingSURFACE

Main Type:BL.O

Neutral100%

Job:Transportation Center

Job No.220316

AIC Rating10000

EquipmentGround

LugsSINGLE

PANEL: 1LA

ALL LOADS IN VA

Grounds

Equipment Ground

LugsSINGLE

Ltg	Recept	Motor	Heat	Cool	Other	Kitchen	S/S	Description	Amp/P	Wire	Ct No	Ph	Ct No	Wire	Amp/P	Description	Ltg	Recept	Motor	Heat	Cool	Other	Kitchen	S/S	
500							0.00	EXISTING LOAD	201	EX	1	A	2	EX	201	ANALYZER	500							0.00	
							0.00	SPARE (BKR OFF)	201	EX	3	B	4	EX	201	DRL PRESS	200							0.00	
720							0.00	THRUZE OUTLETS	201	EX	5	C	6	EX	201	AIR GRIRER	1000							0.00	
500							0.00	ROOF EXHAUST	201	EX	7	A	8	EX	201	PLUG BENCH-FLR PLUGS	900							0.00	
500							0.00	ROOF EXHAUST	201	EX	9	B	10	EX	201	PLUG BENCH	900							0.00	
500							0.00	ROOF EXHAUST	201	EX	11	C	12	EX	201	GARAGE PLUGS	720							0.00	
4266							0.00	CONDENSING UNIT	502	EX	13	A	14	EX	201	GRINDER	500							0.00	
4266							0.00	----	EX	15	B	16	EX	502	CONDENSING UNIT	4266								0.00	
446							0.00	HVAC 1	152	EX	17	C	18	EX	502	----	4266							0.00	
446							0.00	----	EX	19	A	20	EX	152	HVAC #2	446								0.00	
							0.00	----	EX	21	B	22	EX	----	----	446								0.00	
1000							0.00	INFARED HEATERS	201	EX	23	C	24	EX	151	HVAC TIME SWITCH	50							0.00	
1664							0.00	WATER HEATER	303	EX	25	A	26	EX	151	FUEL SYSTEM CONTROL	200							0.00	
1664							0.00	----	EX	27	B	28	EX	201	FACP ***	800**								0.00	
900							0.00	PLUGS DOOR RM 116	201	EX	29	C	30	EX	201	SPARE (BKR OFF)								0.00	
900							0.00	PLUGS DOOR RM 116	201	EX	31	A	32	EX	151	FUEL PUMP	300							0.00	
2492							0.00	DISTRACTION FANS	302	EX	33	B	34	EX	EX	----	300							0.00	
832							0.00	----	EX	35	C	36	EX	151	SPARE (BKR OFF)	300								0.00	
832							0.00	GATE	EX	37	A	38	EX	151	FUEL PUMP	300								0.00	
832							0.00	----	EX	39	B	40	EX	151	EXISTING LOAD	500								0.00	
832							0.00	----	EX	41	C	42	EX	151	SPARE (BKR OFF)	500								0.00	
0	3020	14604	5992	0	0	0	0.00	TOTALS								TOTALS	0	4970	11024	0	0	0	0	0	0.00

LOAD SUMMARY

Ltg	Recept	Motor	Heat	Cool	Other	Kitchen	S/S	Description
0.0	8.0	29.4	6.0	0.0	0.0	0.0	0.0	Connected KVA
1.25	**	1.00	1.00	1.00	1.00	0.65	0.50	*Design Factors
0.0	8.0	29.4	6.0	0.0	0.0	0.0	0.0	Design KVA

Phase Load

Ph	KVA
A	12.5
B	17.4
C	13.6

Panel Remarks:

EXISTING PANEL - FED FROM 'LDA'

*** - INDICATES NEW LOAD

*** - INDICATES CIRCUIT BREAKER SHALL BE RED IN COLOR AND LOCKABLE

NEW CIRCUIT BREAKERS SHALL MATCH EXISTING AIC RATING.

*Input div. factor per descriptions as required for calculations.

*100% of sat 10 KVA, 50% of remaining

Con KVA

Con Amps

Des. KVA

Des. Amps

43.4

120.5

43.4

120.5

PANEL 1LA

DATE: 6/28/2023

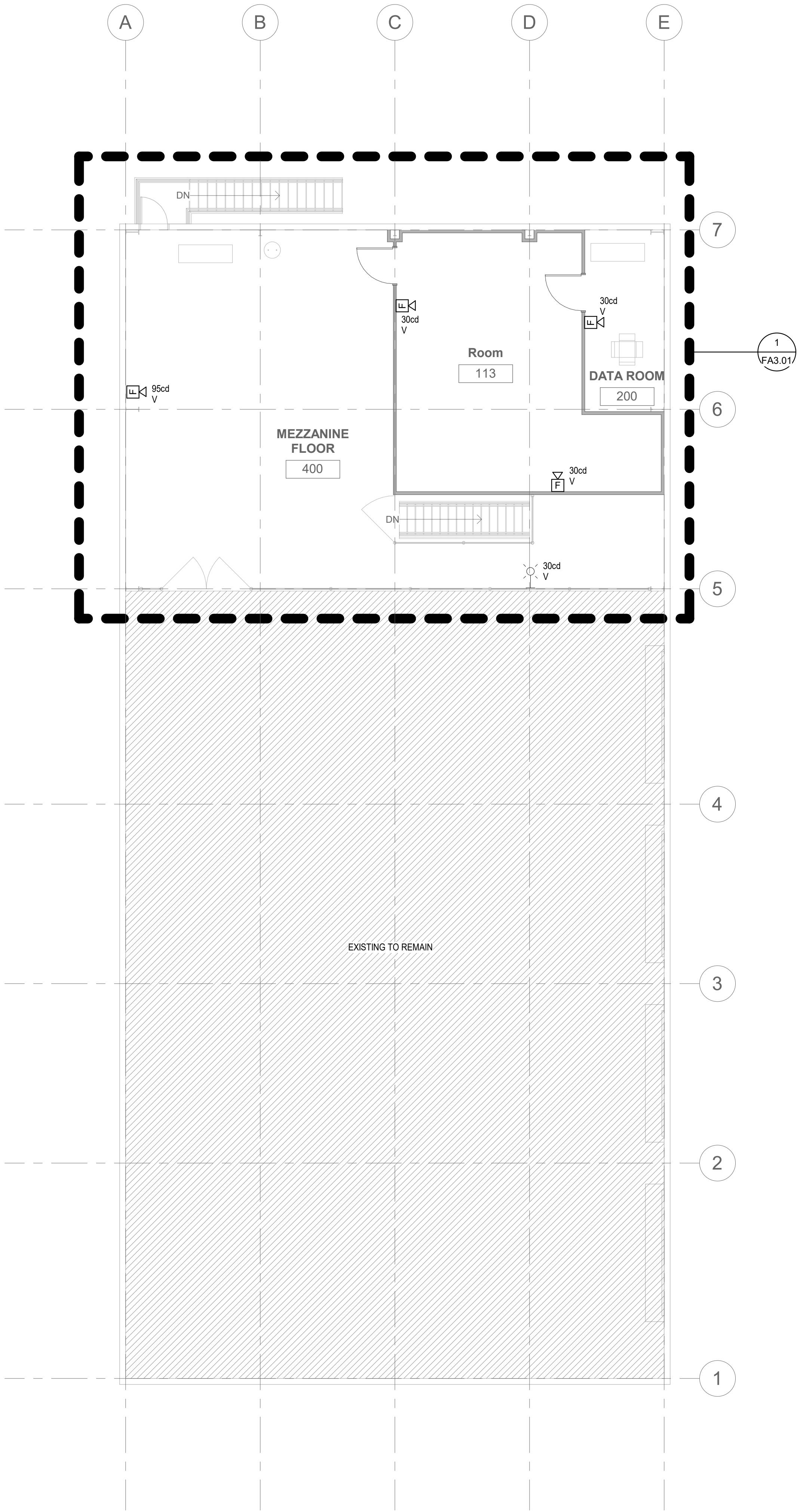
BY: N. OROPEZA


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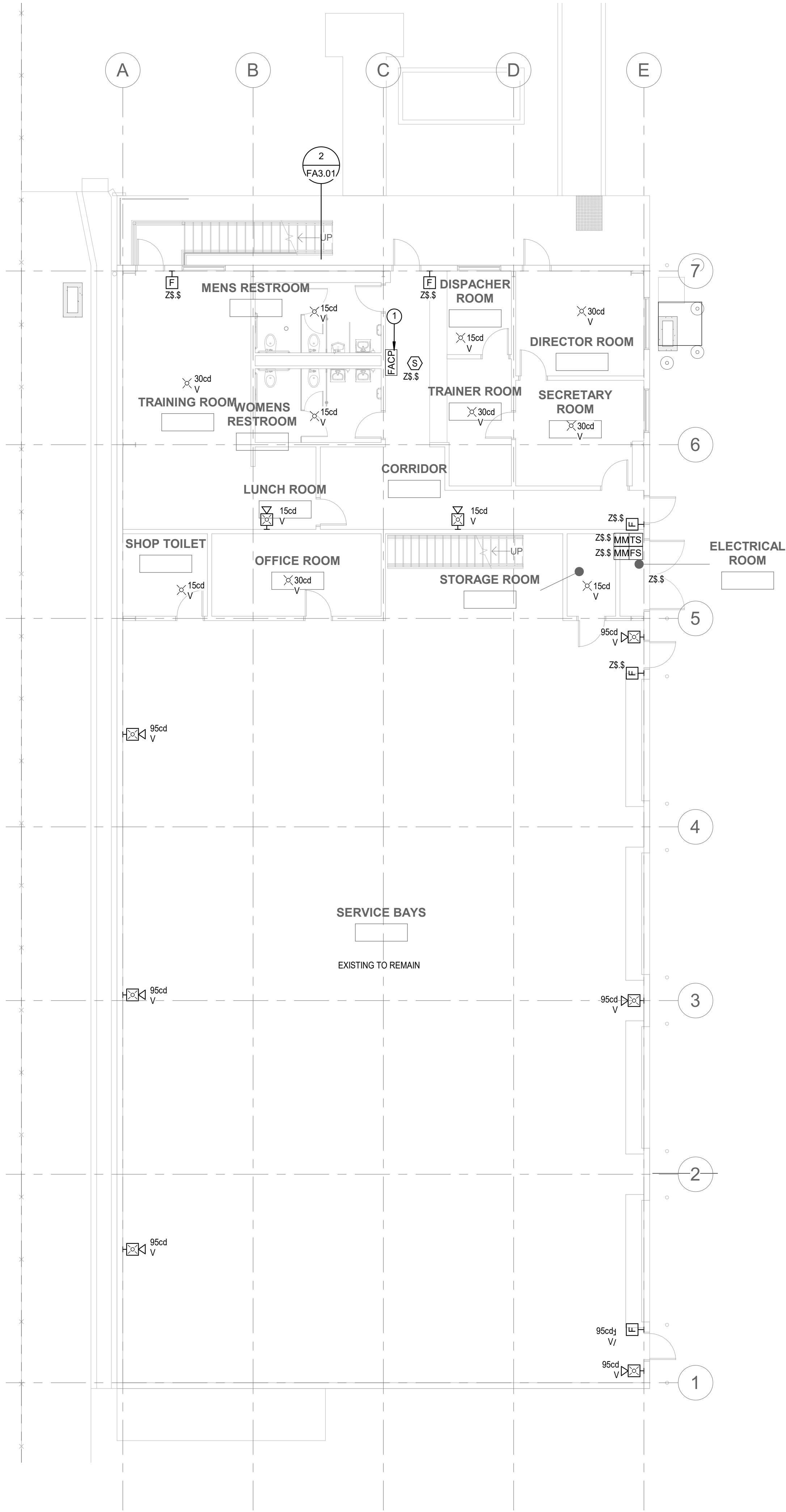
E5.01

<

2 SECOND FLOOR
1/8" = 1'-0"



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



GENERAL NOTES

1. ALL EQUIPMENT IS NEW.
2. REFER TO SHT. FA0.00 FOR COMPLETE GENERAL NOTES.

KEY NOTES

1. INDICATES LOCATION OF NEW FIRE ALARM CONTROL PANEL



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CONSULTANT LEAF Engineers

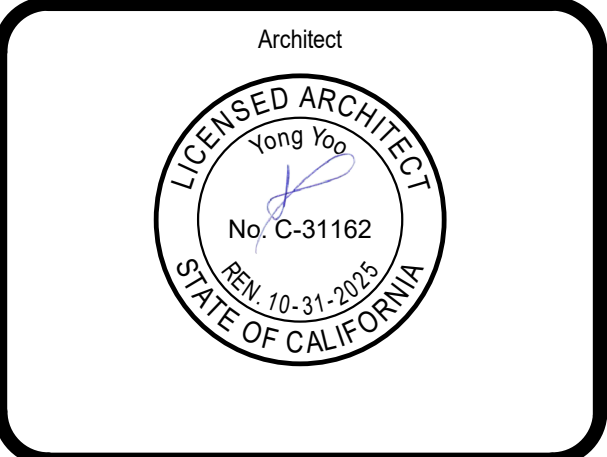
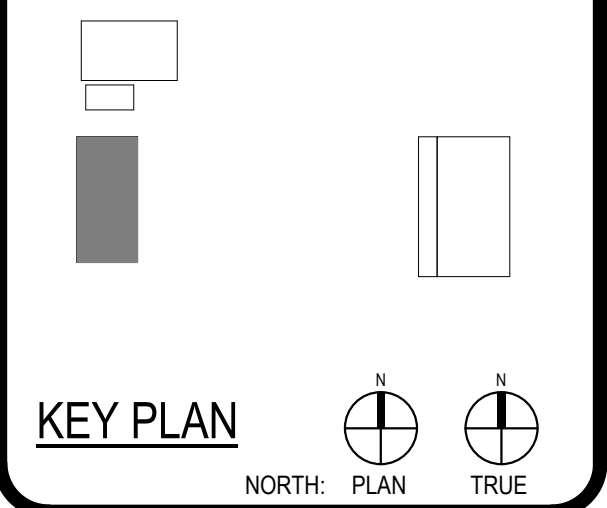


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City/Submital - Registration #B2020301766



REVISIONS		
No.	Description	Date

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FIRE ALARM FLOOR PLANS

FA2.01

0"

1"

FIRE PROTECTION NOTES

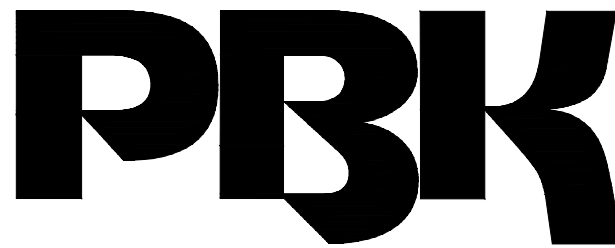
1. ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS AMENDED AND ADOPTED BY THE INSPECTION AUTHORITY. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT.
A. CALIFORNIA FIRE CODE - 2022
NFA-13.
B. CITY FIRE DEPARTMENT REQUIREMENTS
C. CALIFORNIA BUILDING CODE - 2022
D. CALIFORNIA MECHANICAL CODE - 2022
E. CALIFORNIA PLUMBING CODE - 2022
F. CALIFORNIA ELECTRICAL CODE - 2022
G. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
2. SEISMIC RESTRAINT: ALL HUNG PIPING SHALL CONFORM TO NFPA 13, SECTION 9.3.
A. LATERAL BRACING MAY BE ELIMINATED IF PIPING 2-1/2" AND LARGER IS SUSPENDED BY INDIVIDUAL HANGERS 1" OR LESS IN LENGTH FROM THE TOP OF PIPE TO THE BOTTOM OF THE ATTACHMENT TO STRUCTURE.
B. NO TRAPEZE ASSEMBLIES SHALL BE USED TO SUPPORT PIPING.
C. WHERE LATERAL RESTRAINTS ARE OMITTED, PIPING SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS, OR LOSS OF VERTICAL SUPPORT.
2. THE STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE TO VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACING LOADS.
3. THE CONTRACTOR SHALL SURVEY EXISTING FIELD CONDITIONS PRIOR TO BIDDING. IF AWARDED THE CONTRACT, THE CONTRACTOR SHALL SURVEY EXISTING FIELD CONDITIONS IN DETAIL AND COORDINATE THE WORK WITH EXISTING BUILDING SYSTEMS.
4. ANY DAMAGE TO NEW BUILDING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS THAT OCCURS DURING THE WORK SHALL BE RESTORED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IF LANDSCAPED AREAS INCLUDING NATURAL SPACES MUST BE USED FOR BUILDING ACCESS, THE LANDSCAPING SHALL BE RETURNED TO ITS ORIGINAL CONDITION. THE CONTRACTOR SHALL INCLUDE COSTS IN THE BID FOR THIS WORK IF THIS APPROACH IS USED. THE OWNER WILL NOT PAY ANY ADDITIONAL COSTS TO COVER DAMAGE TO THE BUILDING SYSTEMS, LANDSCAPING OR DRIVE AREAS.
5. COORDINATE THE FOLLOWING WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND ELEMENTS AS INSTALLED, INCLUDING EXISTING BUILDING SYSTEMS:
A. EXACT LOCATION OF ALL EQUIPMENT.
B. ALL PENETRATIONS THRU ROOF, WALLS AND FLOORS.
C. EXACT SIZE AND ROUTING OF PIPING.
6. DRAWINGS INDICATE DIAGRAMMATICALLY THE ARRANGEMENT OF PRINCIPAL APPARATUS, PIPING, AND OTHER MATERIAL. FOLLOW DRAWING AS CLOSELY AS POSSIBLE, IN ORDER TO ACHIEVE A NEAT ARRANGEMENT OF PIPING AND EQUIPMENT WHILE STILL OVERCOMING OBSTRUCTIONS.
7. INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS, INCLUDING WATER SUPPLY INFORMATION, HAVE BEEN APPROVED BY THE LOCAL FIRE MARSHAL. AT VARIOUS STAGES AND UPON COMPLETION, THE SYSTEM MUST BE TESTED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION.
8. ALL EXISTING FIRE PROTECTION SYSTEMS SHALL REMAIN IN OPERATION DURING ALL PHASES OF CONSTRUCTION. NO SYSTEMS ARE TO BE SHUTDOWN WITHOUT AUTHORIZATION FROM THE OWNER AND LOCAL FIRE DISTRICT.
9. THE LOCATION OF FIRE SPRINKLER HEADS SHALL BE COORDINATED WITH THE NEW CEILING LAYOUTS AND ALL OTHER TRADES FOR COMPLETE FIRE PROTECTION COVERAGE OF ALL AREAS. PROVIDE DETAILED PLANS FOR APPROVAL PRIOR TO INSTALLATION.
10. HEADS SHALL BE SYMMETRICALLY LOCATED IN CENTER OF CEILING PANELS. COORDINATE LAYOUT WITH CEILING OR SOFFIT LIGHT FIXTURES, AND HVAC DIFFUSERS, RETURNS, ETC. PROVIDE PENDENT AND/OR UPRIGHT TYPE SPRINKLER HEAD WHERE REQUIRED.
11. WORKMANSHIP:
ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER ACCORDING TO THE BEST TRADE PRACTICE BY THOSE SKILLED IN THE PARTICULAR TRADE. PIPES, EQUIPMENT, ETC., TO BE INSTALLED LEVEL, SQUARE OR CENTERED, ETC., TO GIVE A NEAT AND PLEASING APPEARANCE. ALL EQUIPMENT IS TO BE INSTALLED STRICTLY PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ALL WORK WITH OTHER TRADES.
12. THE ANNULAR SPACE BETWEEN PIPE SLEEVES AND THE PIPE THROUGH ALL RATED WALLS AND FLOORS SHALL BE FIRESTOPPED. FIRESTOPPING OF ALL PIPE PENETRATIONS SHALL COMPLY WITH U.L. REQUIREMENTS. MANUFACTURER PREAMPROVED UL PENETRATION FOR PIPE MATERIAL AND SURFACE PENETRATED SHALL BE USED. PENETRATIONS SHALL BE 3M, PROSET, OR APPROVED EQUAL. SUBMIT SHOP DRAWINGS.
13. BY OTHERS:
A. ELECTRICAL CONTRACTOR: ALL POWER AND ALARM WIRING, CONDUITS, DISCONNECTS, AND FINAL CONNECTIONS. NO FIELD SUPPLIED ELECTRICAL DEVICE SHALL BE MOUNTED ON PIPING AND NO RIGID ELECTRICAL CONNECTIONS SHALL BE MADE.
B. GENERAL CONTRACTOR: CUTTING, FRAMING, PATCHING, FURRING, AND PAINTING.
15. WARRANTY:
ALL MATERIALS AND EQUIPMENT INSTALLED UNDER THIS CONTRACT SHALL BE GUARANTEED FREE FROM ALL FIRE PROTECTION, ELECTRICAL, AND WORKMANSHIP DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE PREMISES CAUSED BY LEAKS AND/OR BREAKS IN PIPES AND FIXTURES INSTALLED UNDER THIS CONTRACT.
16. IT IS THE INTENTION OF THE PLANS AND SPECIFICATIONS TO COVER ALL THINGS REQUIRED TO PROVIDE COMPLETE AND OPERATIVE SYSTEMS. THE CONTRACTOR IS TO FURNISH ALL LABOR, MATERIALS, TRANSPORTATION, EQUIPMENT, MISCELLANEOUS SERVICES, ETC., REQUIRED TO ACCOMPLISH THIS RESULT. ANYTHING WHICH MAY BE REASONABLY CONSIDERED AS A NECESSARY PART OF THE INSTALLATION IS TO BE INCLUDED, WHETHER SPECIFICALLY SHOWN OR MENTIONED. THE ENGINEER WILL GIVE ANY INTERPRETATIONS NECESSARY FOR THE CONTRACTOR TO PROPERLY ESTIMATE THE JOB.
17. IT IS THE CONTRACTORS' RESPONSIBILITY TO PROVIDE FABRICATION OR SHOP DRAWINGS.
CAD FILES WILL NOT BE PROVIDED

FIRE SPRINKLER SYSTEM NOTES

1. MODIFY EXISTING FIRE PROTECTIVE SPRINKLER SYSTEM THROUGHOUT THE BUILDING. THE SYSTEM SHALL BE A WET SYSTEM AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION PAMPHLET NFPA 13, UNIFORM BUILDING CODE, AND LOCAL AGENCY REQUIREMENTS.
2. PROVIDE COMPLETE HYDRAULIC CALCULATIONS AND DESIGN. SYSTEM AND ALL SHOP DRAWINGS ARE TO BE APPROVED BY THE LOCAL AUTHORITY PRIOR TO STARTING ANY WORK ON THE SYSTEM.
3. MAKE SURE EXISTING MONITORS AND ALARM SWITCHES AT SHUTOFF VALVE ARE WORKING. MAKE SURE EXISTING ALARM SYSTEM IS IN ACCORDANCE WITH CBC 903.4.
4. FIRE SPRINKLER SYSTEM SHALL BE TESTED IN ACCORDANCE WITH NFPA 13 AND REPORTS SHALL BE SUBMITTED TO THE LOCAL AUTHORITY AND THE ENGINEER.
5. COORDINATE WITH ARCHITECTURAL, DECORATIVE CEILING AS REQUIRED TO PROVIDE A CLEAN UNIFORM FINISH AND INSTALLATION.
6. REVIEW COMPLETE PROJECT PLAN SET PRIOR TO BID.

SHEET INDEX

FS0.00	FIRE SPRINKLER SHEET INDEX, LEGEND AND NOTES
FS1.01	FIRE SPRINKLER FIRST FLOOR PLAN
FS1.02	FIRE SPRINKLER SECOND FLOOR PLAN
FS6.00	FIRE SPRINKLER DETAILS



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ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN
NORTH: PLAN TRUE

Consultant
REGISTERED PROFESSIONAL ENGINEER
NO. 33380
JAN 0-2025
MECHANICAL
STATE OF CALIFORNIA

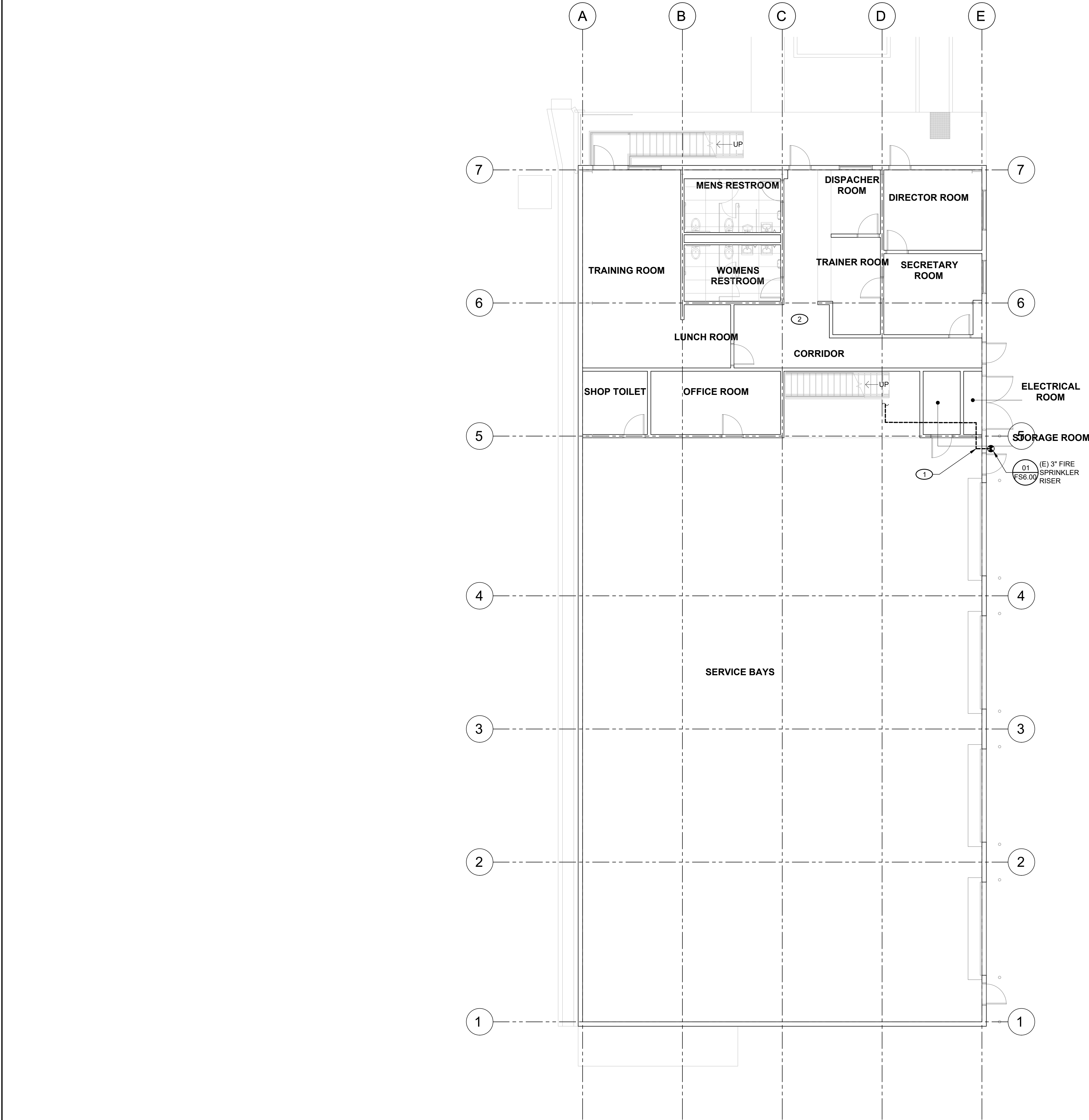
Architect
LICENSED ARCHITECT
Yong Yoo
No. C-31162
REV. 10-31-2025
STATE OF CALIFORNIA

CLIENT
ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS

CitySubmital - Registration #B202301766

FIRE SPRINKLER
SHEET INDEX, LEGEND
AND NOTES



KEYNOTES

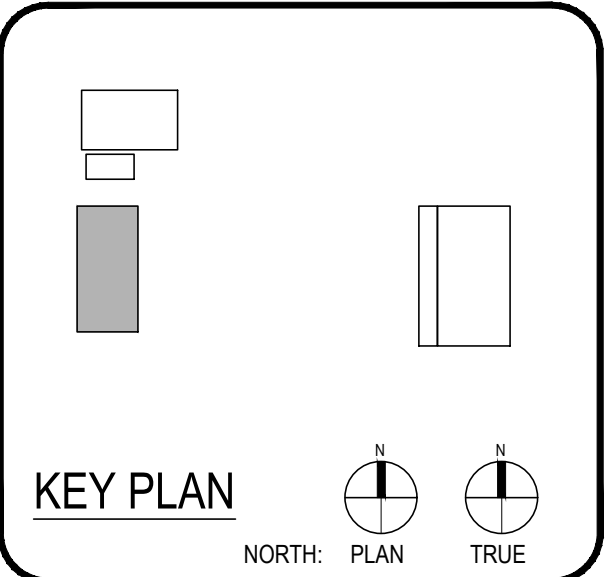
- 1 EXISTING FIRE MAIN TO REMAIN.
- 2 EXISTING FIRE SPRINKLER HEADS TO REMAIN.



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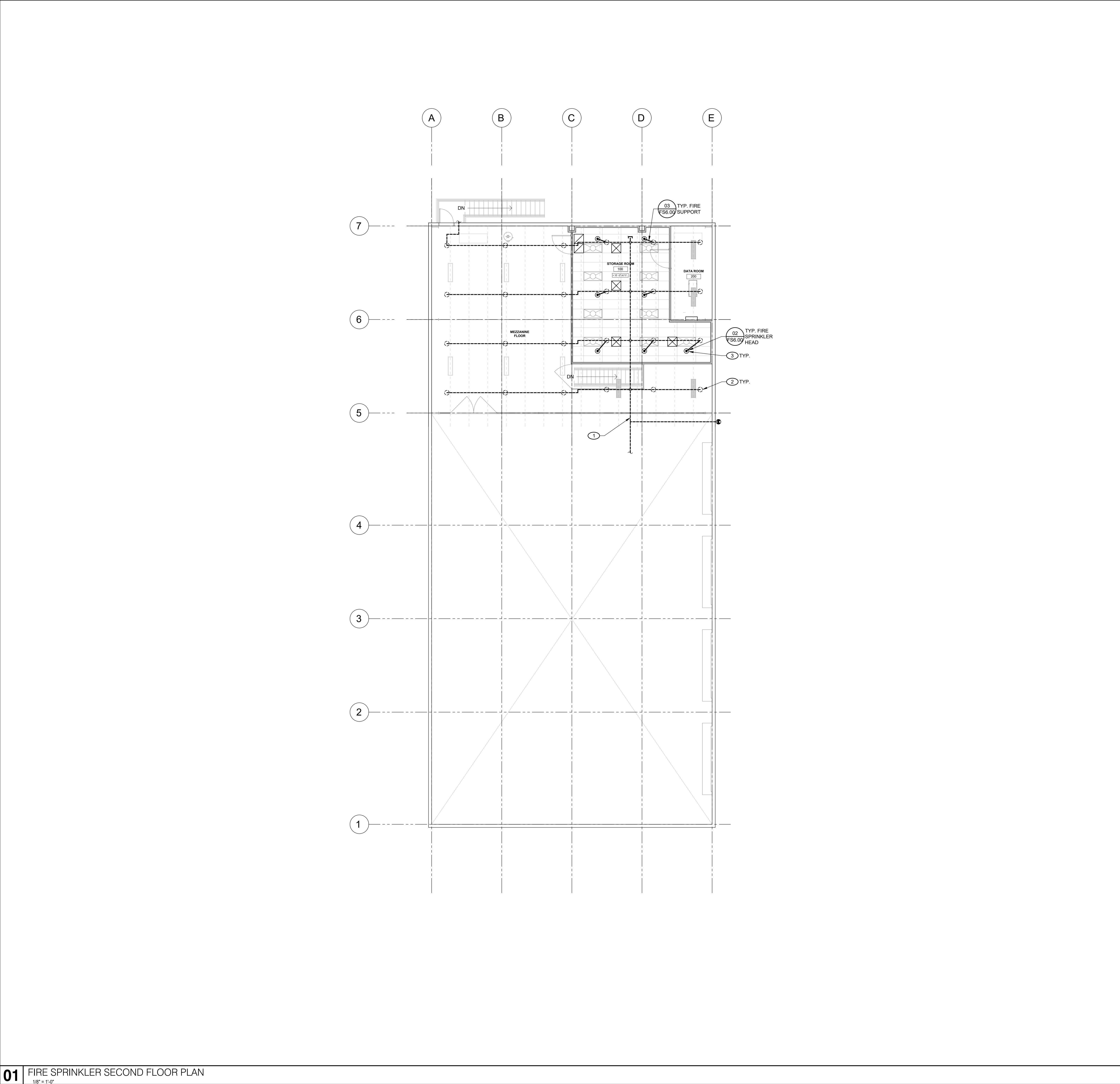
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ONTARIO - MONTCLAIR SCHOOL DISTRICT
DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS	

CitySubmittal - Registration #B202301766

FIRE SPRINKLER
FIRST FLOOR PLAN

FS1.01



KEYNOTES

- 01 EXISTING FIRE MAIN TO REMAIN.
- 02 EXISTING FIRE SPRINKLER HEADS TO REMAIN.
- 03 NEW CEILING FIRE SPRINKLER HEAD WITH PIPE TO EXISTING.



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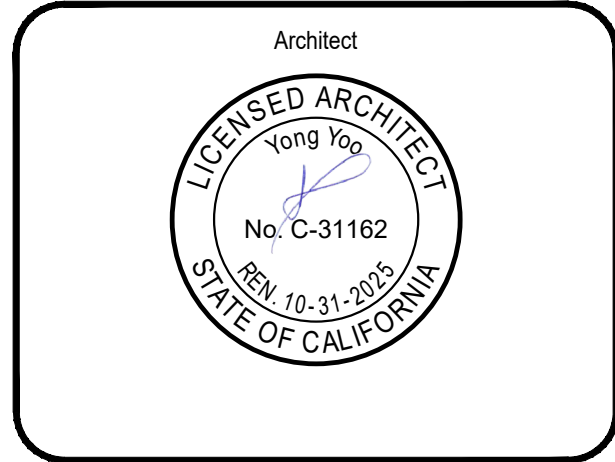
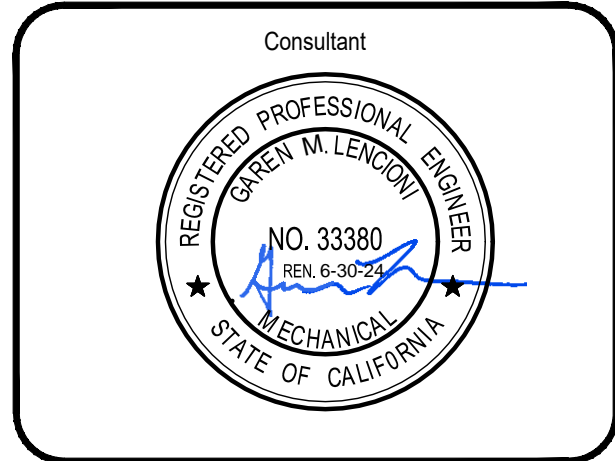
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KEY PLAN

NORTH: PLAN TRUE



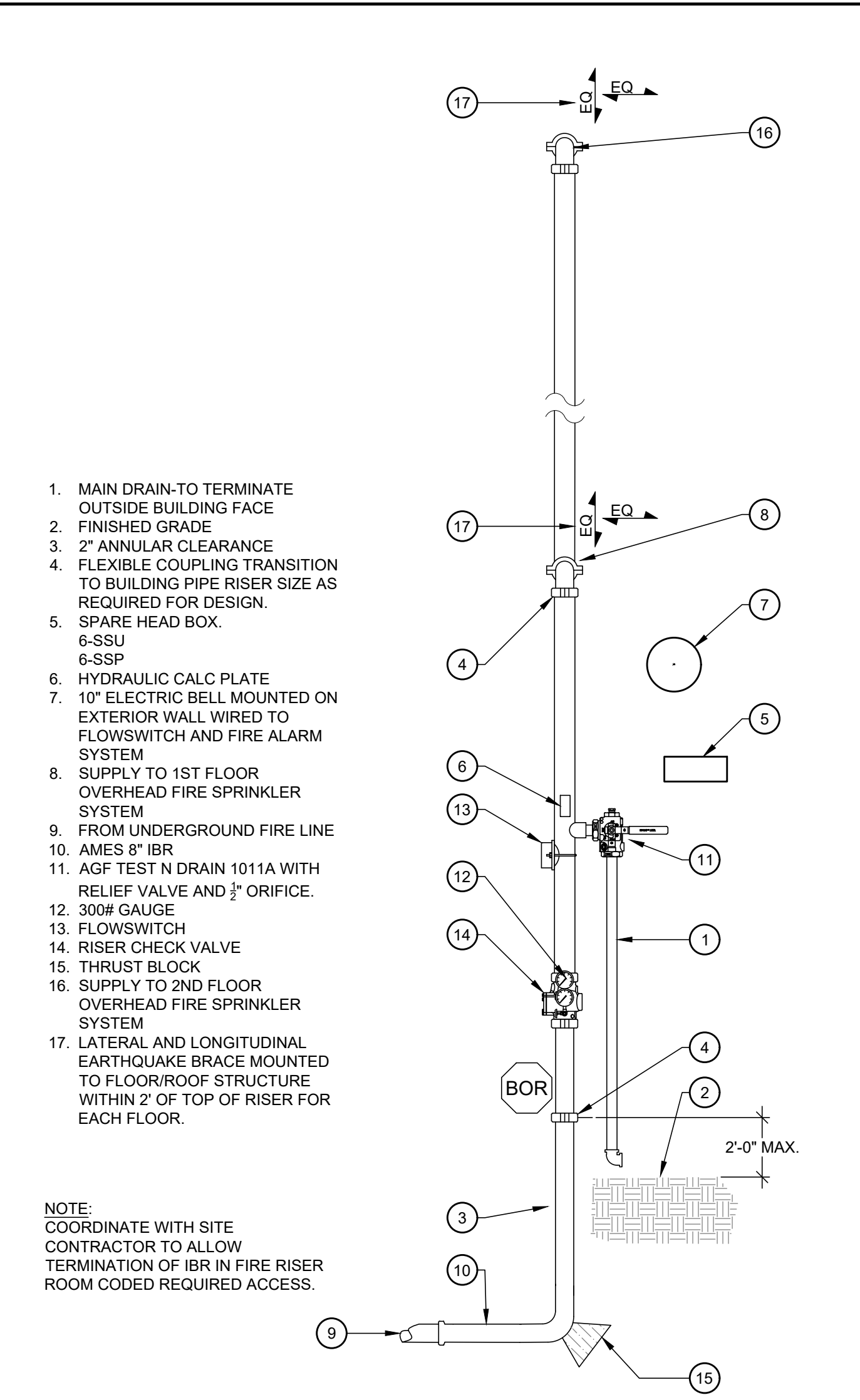
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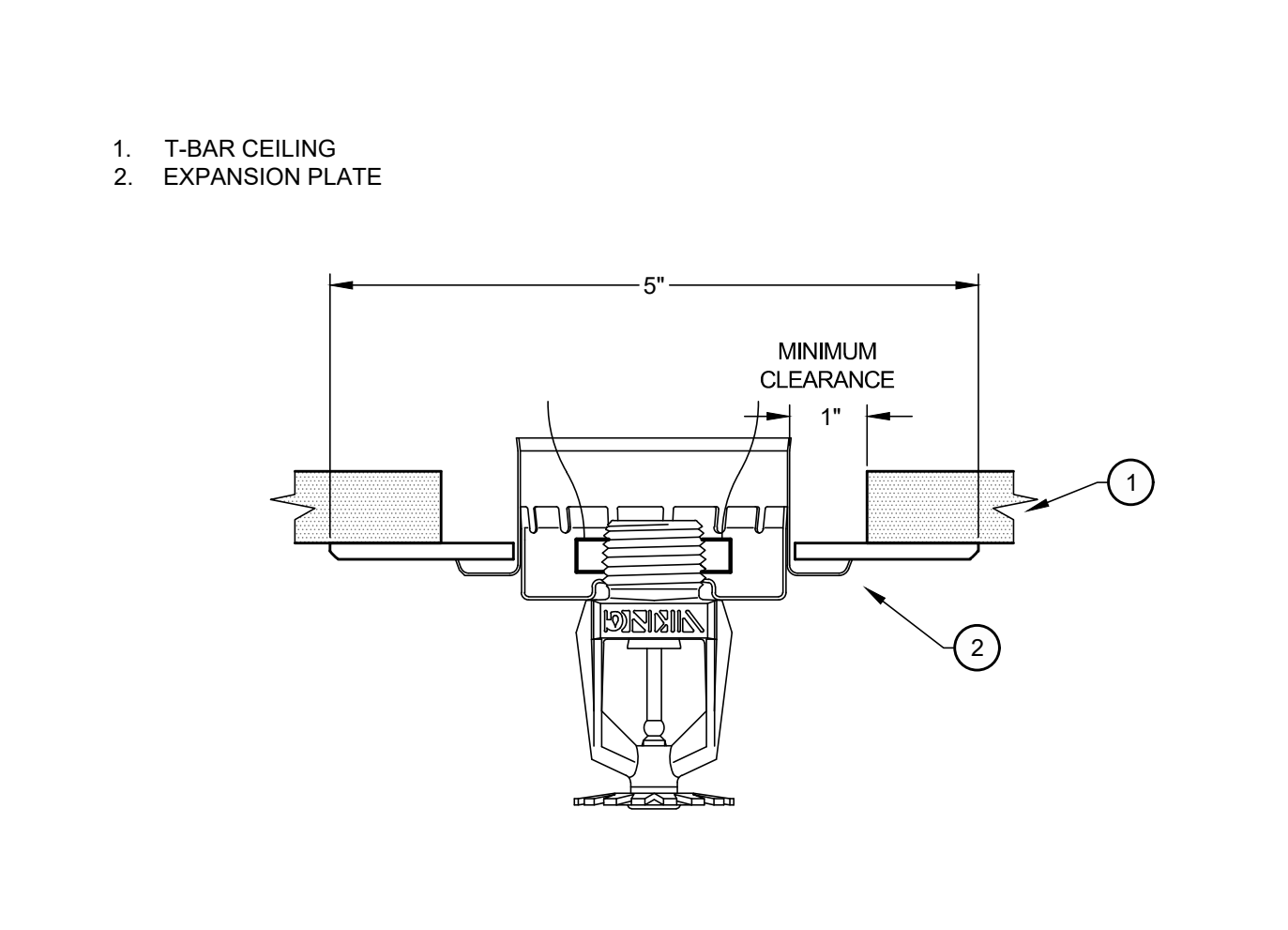
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FIRE SPRINKLER
SECOND FLOOR PLAN

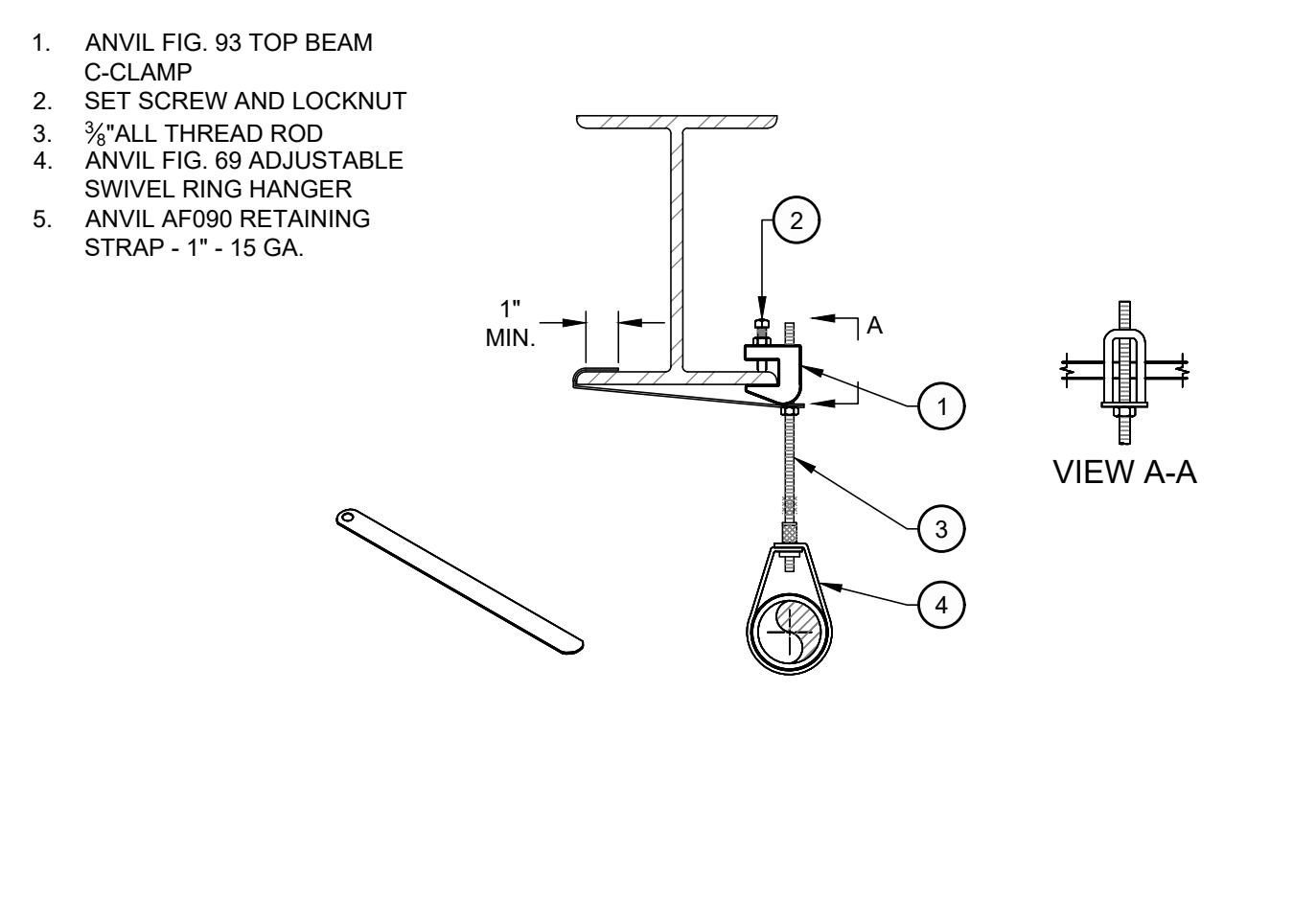
FS1.02



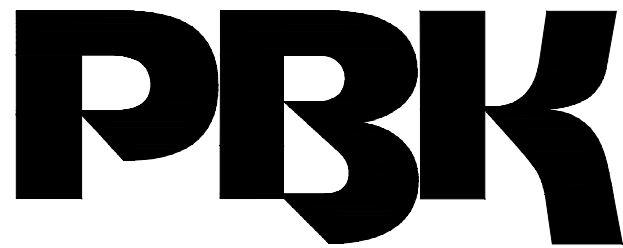
(E) FIRE SPRINKLER RISER (REF. ONLY) N.T.S 01



PENDENT SPRINKLER THROUGH CEILING N.T.S 02



C-CLAMP HANGER
HANGER TO WIDE FLANGE BEAM N.T.S 03



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Computer monitor and printer icons.

KEY PLAN

NORTH: PLAN TRUE

Consultant





Architect

CLIENT	
ONTARIO - MONTCLAIR SCHOOL DISTRICT	
DATE 3/3/23	PROJECT NUMBER 220316
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FIRE SPRINKLER
DETAILS

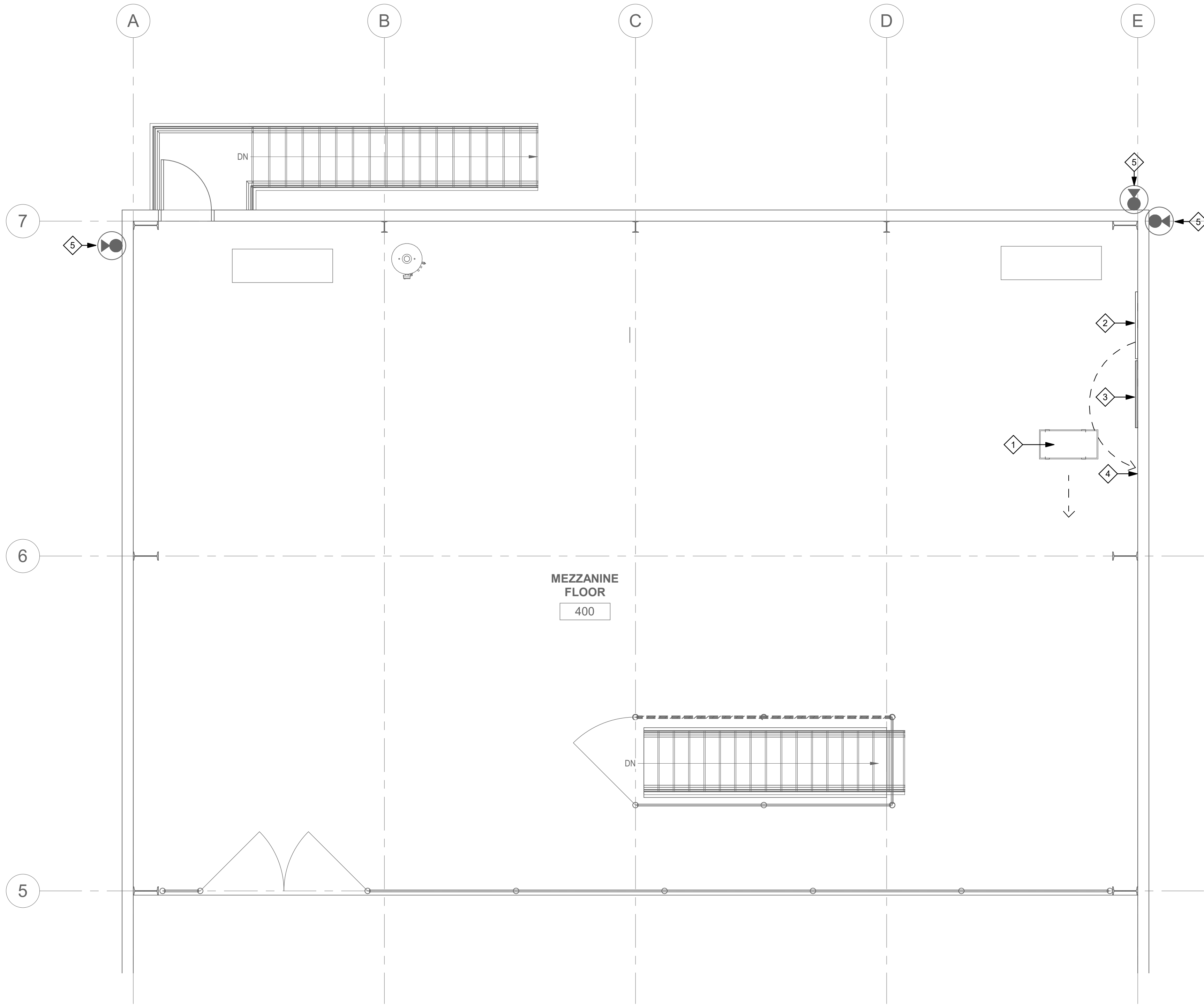


1. 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE TELECOMMUNICATION, NETWORK, AUDIO/VISIO, SECURITY AND FIRE-ALARM EQUIPMENT SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY LOWER VOLTAGE POSSIBLE. CONTRACTOR SHALL COORDINATE AND INSTALL ALL 120V POWER REQUIREMENTS AND LOCATIONS AS REQUIRED FOR ALL EQUIPMENT (TYPICAL).
2. CONTRACTOR SHALL COORDINATE WITH THE TECHNOLOGY CONSULTANT PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT THE APPROVAL OF THE TECHNOLOGY CONSULTANT.
3. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUITS, PULL STRINGS, CABLE BOXES AND SLEEVES REQUIRED FOR DEVICES AND PATHWAYS SHOWN ON THE FLOOR PLANS AND DETAIL SHEETS. ANY ADDITIONAL CONDUITS, SLEEVES, AND RACEWAY REQUIREMENTS FOR EACH SYSTEM SHALL BE THE RESPONSIBILITY OF EACH SYSTEM'S CONTRACTOR.
4. THE SELECTED, INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
5. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH ENGINEERING BEST PRACTICES AS ESTABLISHED BY ANSI/EIA/TIA, BICSI, AND THE NEC.
6. ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
7. ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA ACCESSIBILITY STANDARDS.
8. ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12" INCHES OF SEPARATION FROM AC POWER CABLES AND ALL OTHER LOW VOLTAGE CABLEING IN ANY PARALLEL OPEN WIRE RUN.
9. ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
10. ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER THE TECHNOLOGY DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND CONSULTANT.
11. CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS AND EXTERIOR MOUNTED DEVICES.
12. ALL EXPOSED CABLEING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON- PLENUM-RATED CABLEING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
13. NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL MAINTAIN WALL RATING AND PROPER FIRE BLOCKING METHODS.
15. CONTRACTOR SHALL ROUTE ALL LOW VOLTAGE CABLEING DOWN CORRIDORS AND THROUGHOUT THE BUILDING TO THE FIRE FIGHTING WALLS. ENTER INTO ALL ROOMS FROM THE CORRIDOR ABOVE THE MAIN DOORWAY.
16. ALL COMMUNICATION CABLE INSTALLED SHALL ROUTE TO THE CENTER OF THE ROOM IN WHICH IT SERVES AND THEN TO THE OUTLET LOCATION IT IS INTENDED FOR. EACH CABLE SHALL HAVE A 10' SERVICE LOOP AT THE CENTER OF EACH ROOM AND A 3' SERVICE LOOP ABOVE EACH OUTLET LOCATION.
17. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLEING FROM ABOVE. JAMOD CABLE SUPPORT SYSTEM OR OTHER SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLEING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. CABLEING SHALL BE SUPPORTED BY THE SYSTEM INSTALLER. THE SYSTEM INSTALLER SHALL BE DIRECTLY CONNECTED TO THE BUILDINGS STEEL. JOIST IN LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED HARDWARE TO CONNECT THE THREADED ROD TO THE BUILDING STEEL, AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING IN ANY LOCATION.
18. CONTRACTOR SHALL PROVIDE TWO (2) CAT6/6A CABLES ROUTED TO THE FIRE ALARM CONTROL PANEL. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
19. ALL EXPOSED CABLEING OR CABLEING ROUTING ACROSS NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED IN CONDUIT. CONDUIT SHALL BE PROPERLY SIZED TO MAINTAIN THE 40% FILL RATIO.
20. 21ALL CONDUIT STUB OUTS AND SLEEVES SHALL HAVE PROTECTIVE BUSHINGS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED. CONTRACTOR TO MAINTAIN A 40% MAXIMUM FILL RATIO ON ALL SLEEVES INSTALLED.
21. CONTRACTOR SHALL PROVIDE TWO (2) CAT6/6A CABLES TO THE ACCESS CONTROL HEAD-ROOM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
22. CONTRACTOR TO PROVIDE TWO (2) CAT6/6A CABLES TO THE BUILDING AUTOMATION SYSTEM AT EACH BAS HEAD-END LOCATION. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
23. CONTRACTOR TO PROVIDE TWO (2) CAT6/6A CABLES TO THE AREA OF REFUGE SYSTEM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
24. CONTRACTOR SHALL PROVIDE (1) CAT6/6A CABLE FOR EACH IP CAMERA AND IP SPEAKER ROUTED TO NEAREST IDF. COORDINATE WITH OTHER TRADES.
25. CONTRACTOR SHALL PROVIDE (2) CAT6/6A CABLES ROUTED TO THE ELEVATOR FOR THE FIRE-FIGHTER TELEPHONE.
26. CONTRACTOR SHALL PROVIDE (1) CAT6/6A CABLE TO THE INTRUSION DETECTION SYSTEM HEAD-END

GROUP		SYMBOL	DESCRIPTION
DEVICES			INDICATES THE LOCATION OF A NEW TECHNOLOGY OUTLET. CONTRACTOR TO PROVIDE FACEPLATE WITH A MINIMUM OF 4-PORTS AT EACH LOCATION UNLESS OTHERWISE NOTED. PROVIDE BLANK COVERS ON UNUSED PORTS. ELECTRICAL CONTRACTOR TO PROVIDE A DOUBLE GANG BACK BOX WITH A SINGLE GANG REDUCER RING AND A 1" CONDUIT FROM THE BOX TO THE NEAREST ACCESSIBLE CEILING. 'D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
			INDICATES THE LOCATION OF A CEILING MOUNTED OUTLET. CONTRACTOR SHALL MOUNT THIS OUTLET AT 12" ABOVE THE CEILING AND COORDINATE ALL FINAL LOCATIONS WITH OTHER TRADES ON THE PROJECT TO VERIFY THAT THE LOCATION OF THE OUTLET MAINTAINS 12" OF CLEARANCE FROM THE FRONT OF THE FACEPLATE FOR OWNER ACCESS. ROUTE (1) 1" CONDUIT FROM THE BUILDING STRUCTURE TO A SINGLE GANG BACK BOX MOUNTED AT 5' OR LESS ABOVE THE FINISHED CEILING. SECURE CONDUIT AND BACK BOX TO INSURE MINIMAL SWAY MOVEMENT. 'D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
			INDICATES THE LOCATION OF A FLOOR MOUNTED OUTLET. CONTRACTOR TO PROVIDE AND INSTALL (2) 1-1/2" CONDUITS FROM BOX TO NEAREST ACCESSIBLE CEILING. 'D# INDICATES NUMBER OF CAT6/6A CABLES INSTALLED AT THIS LOCATION.
	'A#		INDICATES A CEILING-MOUNTED WIRELESS ACCESS POINT CONNECTION. CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT6/6A CABLES ROUTED TO NEAREST IDF. PROVIDE BOX AND CONDUIT AS NOTED FOR CEILING MOUNTED OUTLETS. PROVIDE (1) 15' PLenum PATCH CABLE AT EACH LOCATION INSTALLED. PROVIDE 10' SERVICE LOOP UPSTREAM OF TERMINATION POINT.
NOTE:			
1. EVERY SYMBOL SHOWN ON WEGM-MOUNT WILL NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR LEGEND-MOUNTED DEVICE MOUNTING HEIGHTS.			
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.			
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.			
4. ALL CONDUIT STUB-OUTS SHALL BE EQUIPPED WITH A PLASTIC PROTECTIVE BUSHING TO PREVENT CABLE DAMAGE.			

<u>SHEET</u>	<u>DESCRIPTION</u>
T0.00	TECHNOLOGY SYMBOLS, LEGENDS & GENERAL NOTES
TD1.01	TECHNOLOGY DEMOLITION ENLARGED PLANS
TN2.01	TECHNOLOGY SECOND FLOOR PLAN & DETAILS

T0.00



TECHNOLOGY DEMOLITION GENERAL NOTES:

- A. CONTRACTOR IS LIABLE FOR ANY DAMAGE SUSTAINED TO EXISTING SYSTEMS AND UTILITIES THAT OCCURS DURING CONSTRUCTION.
- B. CONTRACTOR SHALL RECORD ALL FUNCTIONING AND NON-FUNCTIONING CABLING, DEVICES, AND EQUIPMENT. CONTRACTOR SHALL PROVIDE PRICING TO THE ARCHITECT FOR THE REPAIR/REPLACEMENT OF FAULTY DEVICES/CABLING.

TECHNOLOGY DEMOLITION KEYED NOTES

1. LOCATION OF EXISTING DATA RACK. CONTRACTOR SHALL CAREFULLY RELOCATE DATA RACK. ALL MOUNTED COMPONENTS, INCOMING FIBER AND/OR COPPER TO NEW LOCATION INDICATED. REFER TO SHEET TN2.01.
2. LOCATION OF EXISTING DATA DEVICES, NETWORK AND SECURITY ENCLOSURES ON 8' X 10' PLYWOOD. CONTRACTOR SHALL CAREFULLY RELOCATE PLYWOOD WALL AND ALL EXISTING DATA / SECURITY DEVICES TO NEW LOCATION. PROVIDE NEW CABLING IF EXISTING CABLING WILL NOT REACH THE NEW LOCATION. CONTRACTOR SHALL VERIFY OPERATION OF ALL DEVICES PRIOR TO CONSTRUCTION.
3. PLYWOOD BACKBOARD IS EXISTING TO REMAIN. ALL DEVICES, PANELS, AND CABLING SHALL BE PROTECTED THROUGHOUT CONSTRUCTION.
4. INDICATES NEW LOCATION OF RELOCATED PLYWOOD BACKBOARD AND ITS EXISTING MOUNTED DEVICES.
5. INDICATES THE LOCATION OF AN EXISTING SECURITY CAMERA. DEVICE SHALL BE STORED AND PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL RECONNECT DEVICE TO ITS ORIGINAL LOCATION AFTER CONSTRUCTION.



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REVIEWED
FOR
CODE COMPLIANCE
Dec 15, 2023
BPR CONSULTING GROUP

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ONTARIO - MONTCLAIR SCHOOL DISTRICT

KEY PLAN

NORTH: PLAN TRUE

Consultant

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No. C-22975
Exp. 12/31/2025
ELECTRICAL
STATE OF CALIFORNIA

Architect

LICENSED ARCHITECT
Yong Yoo
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Exp. 12-31-2025
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CLIENT
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DATE 3/3/23 PROJECT NUMBER 220316

REVISIONS

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TECHNOLOGY DEMOLITION ENLARGED PLANS

