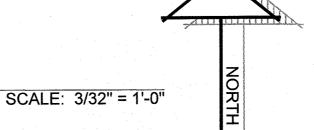
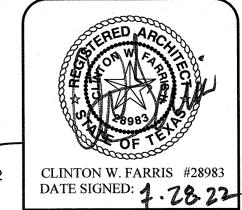


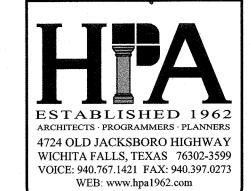


FLOOR PLAN - FIRE SPRINKLER SYSTEM









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5621 114TH ST., SUITE 100
LUBBOCK, TX 79424
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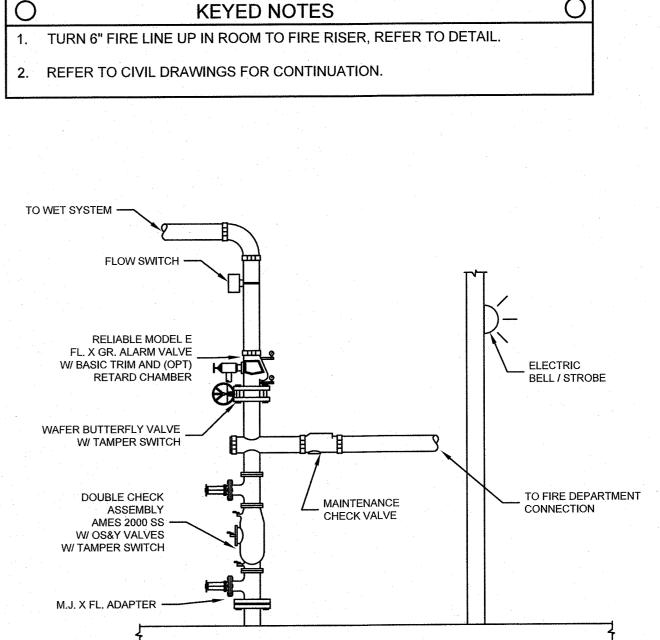
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**ADDITIONS** 

DATE: 28 JULY 2022 REVISIONS

DESCRIPTION

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STAINLESS STEEL RISER EQUAL TO WATTS TR

FIRE SPRINKLER RISER DETAIL

NO SCALE

SPRINKLER PROTECTION LEGEND

WET PIPE FIRE SPRINKLER SYSTEM

FIRE SPRINKLER SYSTEM

ALL PIPING SHALL BE STEEL PIPING. SIZE 2-1/2" AND LARGER SHALL BE SCHEDULE 10 WITH GROOVED COUPLINGS AND LINES 2" AND SMALLER

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO BID AND INCLUDE ALL COST FOR NEW SERVICE AS REQUIRED FOR A

UTILIZE DRY SYSTEM AS REQUIRED TO SERVE NON-HEATED AREAS AND

ALL SPRINKLER HEADS SHALL BE LOCATED IN CENTER OF CEILING TILES

COVERED PATIOS AND OVERHANGS AS REQUIRED BY LOCAL FIRE

UTILIZE CONCEALED SPRINKLER HEADS IN ALL LOCATIONS WITH

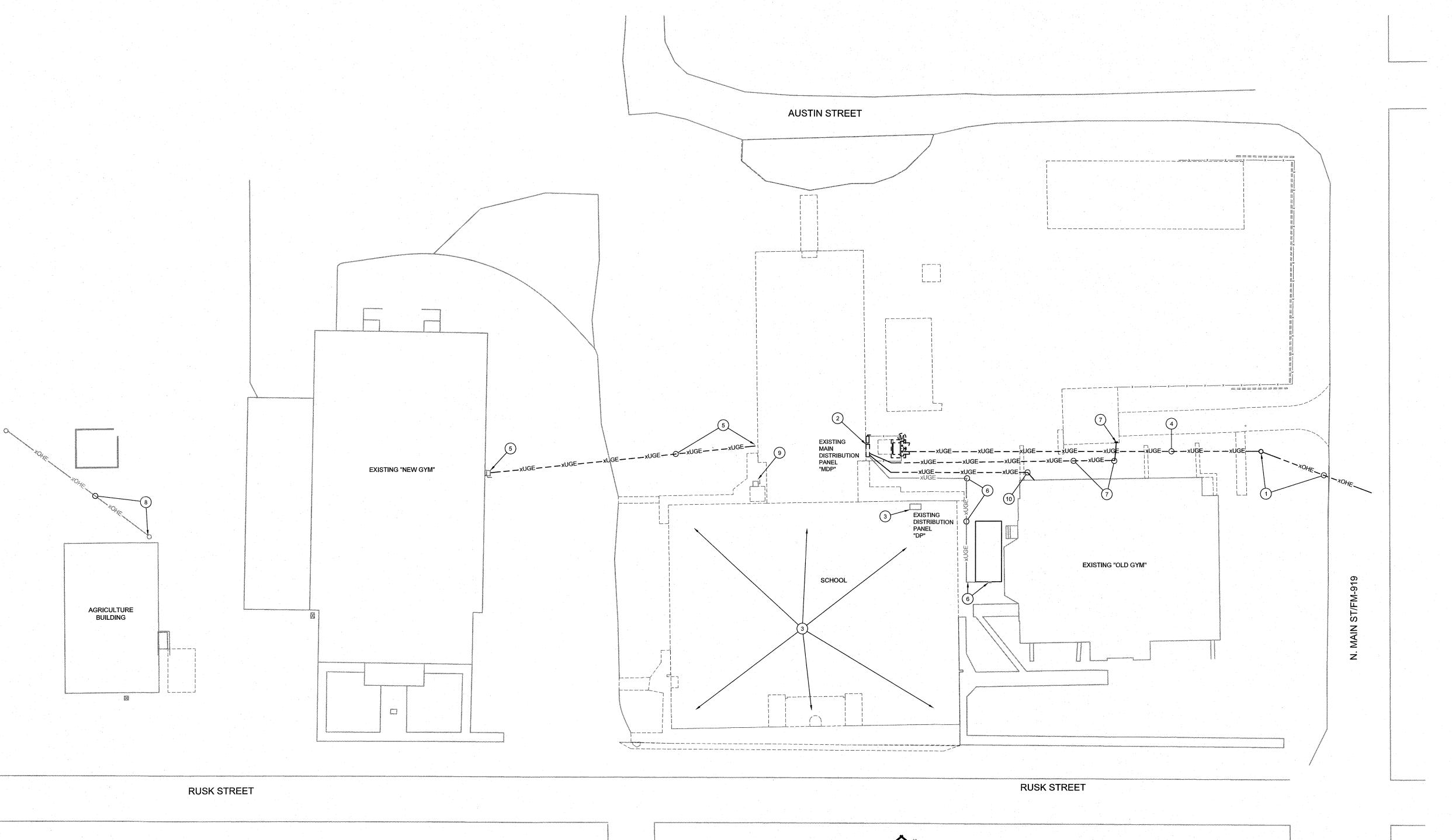
SHALL BE SCHEDULE 40 WITH THREADED FITTINGS.

COMPLETE AND OPERATIONAL SYSTEM FOR OWNER.

IN ROOMS WITH LAY-IN CEILINGS.

CEILINGS.

ENTIRE BUILDING SHALL BE PROVIDED WITH A NEW FIRE SPRINKLER SYSTEM INSTALLED ACCORDING TO THE REQUIREMENTS OF NFPA-13 AND ALL APPLICABLE LOCAL CODES.



SITE PLAN - ELECTRICAL DEMOLITION

SCALE: 1" = 30'-0"

ALL ELECTRICAL DEVICES SHOWN DASHED, OR ON DASHED WALLS, ALONG WITH ALL WIRING AND CONDUIT ASSOCIATED WITH DEVICE SHALL BE REMOVED BACK TO

POINT OF ORIGIN UNLESS NOTED OTHERWISE.

CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EARTHWORK.

C. VERIFY EXACT LOCATION OF ALL DEVICES AND CONDUIT TO REMAIN.

D. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL PANEL CONNECTIONS PRIOR TO PANEL REMOVAL/RELOCATION. THE CONTRACTOR IS RESPONSIBLE FOR EXTENDING AND CONNECTING ALL FEEDER BRANCH CIRCUITS/CONDUITS TO REMAIN. CONTRACTOR SHALL SIZE CONDUCTOR/CONDUIT IN ACCORDANCE WITH NEC.

ALL DOWNSTREAM DEVICES NOT BEING REMOVED AS PART OF THIS PROJECT SHALL REMAIN ACTIVE. THIS INCLUDES BUT NOT LIMITED TO RECEPTACLES, LIGHTS, FIRE ALARM, DATA, AND COMMUNICATION OUTLETS/WIRING.

ALL POWER AND COMMUNICATIONS OUTAGES SHALL BE COORDINATED WITH OWNER AND ARCHITECT PRIOR TO OUTAGE. PROVIDE TEMPORARY CONNECTIONS (POWER AND COMMUNICATION WIRING) TO EQUIPMENT TO MAINTAIN SERVICE DURING CONSTRUCTION AS REQUIRED.

## KEYED NOTES

EXISTING UTILITY POLE AND ASSOCIATED OVERHEAD SERVICE SHALL BE REMOVED. COORDINATE REQUIREMENTS WITH UTILITY COMPANY.

2. EXISTING PANEL MAIN DISTRIBUTION PANEL(MDP) SHALL BE REMOVED AND RELOCATED FOR TEMPORARY ELECTRIC SERVICE TO EXISTING SCHOOL BUILDING, EXISTING GYM BUILDING, EXISTING OLD GYM BUILDING AND BATHROOM BUILDING. EXTEND TEMPORARY SERVICE TO EXISTING BUILDING PANEL TO REMAIN AS REQUIRED BY NEC. PROVIDE CONDUITS AND CONDUCTORS AS NEEDED FOR ALL FEEDER AND BRANCH CIRCUITS TO REMAIN. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. COORDINATE LOCATION TEMPORARY MAIN DISTRIBUTION PANEL WITH ARCHITECT AND OWNER.

3. EXISTING DISTRIBUTION PANEL. ALL ASSOCIATED PANELS IN THIS AREA SHALL REMAIN ACTIVE. COORDINATE PHASING REQUIREMENTS WITH ARCHITECT. PROVIDE TEMPORARY CONNECTION TO MAINTAIN POWER TO THIS SECTION OF THE BUILDING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.

EXISTING UNDERGROUND PRIMARY UTILITY SERVICE SHALL BE REMOVED. COORDINATE REQUIREMENTS FOR TEMPORARY ELECTRIC SERVICE WITH ARCHITECT, OWNER, AND UTILITY COMPANY.

EXISTING UNDERGROUND SERVICE TO BE REMOVED. PROVIDE TEMPORARY ELECTRICAL SERVICE TO MAINTAIN POWER TO EXISTING NEW GYM BUILDING UNTIL NEW SERVICE CONNECTION IS PROVIDED. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.

6. PROVIDE TEMPORARY ELECTRICAL SERVICE TO MAINTAIN POWER TO EXISTING BATHROOM BUILDING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.

EXISTING UNDERGROUND ELECTRICAL SERVICE AND PANEL AT GARAGE BUILDING SHALL BE REMOVED.

8. EXISTING OVERHEAD ELECTRICAL SERVICE SHALL REMAIN.

EXISTING FREEZER TO BE REMOVED AND RELOCATED TO ACCOMMODATE NEW CONSTRUCTION. REFER TO SHEET ES102 FOR ADDITIONAL INFORMATION.

10. EXISTING UNDERGROUND SERVICE TO BE REMOVED. PROVIDE TEMPORARY ELECTRICAL SERVICE TO MAINTAIN POWER TO EXISTING OLD GYM BUILDING UNTIL NEW SERVICE CONNECTION IS PROVIDED. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. CLINTON W. FARRIS #28983 DATE SIGNED: 4. 28.22





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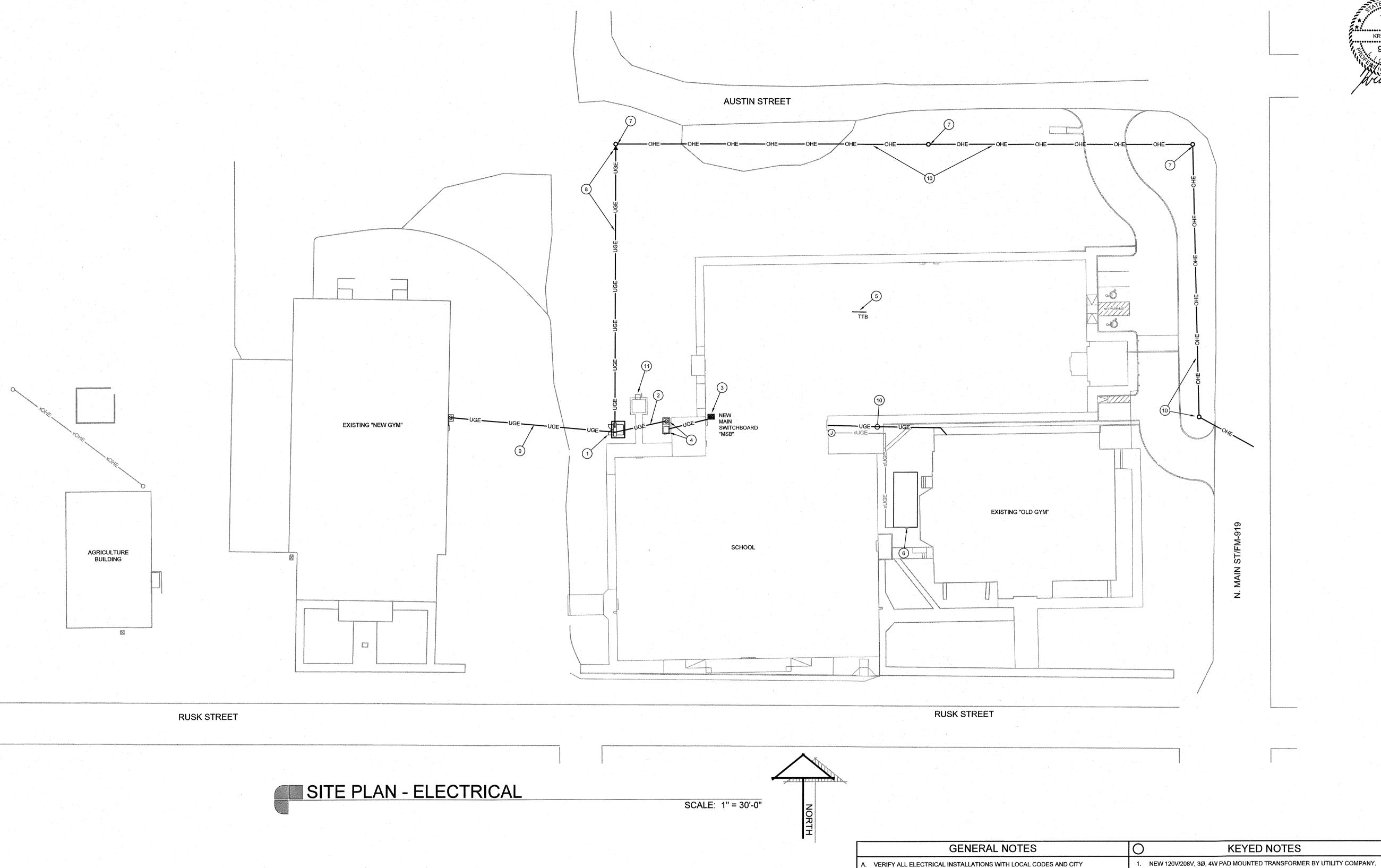
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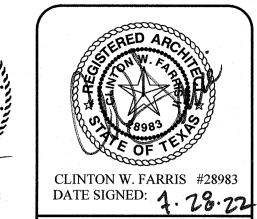
ORDINANCES PRIOR TO INSTALLATION.

ANY EARTH WORK.

. COORDINATE WITH THE UTILITY SERVICE PROVIDERS FOR ALL REQUIREMENTS FOR

CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO

DELIVERING POWER AND COMMUNICATION SERVICE TO THE NEW BUILDING.







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4. MAIN DISCONNECT, CT CABINET AND KWH METER. REFER TO ELECTRICAL RISER LOCATION OF TELEPHONE/DATA BACKBOARD. EXTEND EXISTING FIBER OPTICS AND COMMUNICATION SERVICE TO NEW LAN ROOM/TTB. COORDINATE WITH . UTILITY PRIMARY POLE BY UTILITY COMPANY. COORDINATE REQUIREMENTS WITH 8. UNDERGROUND PRIMARY BY UTILITY COMPANY, PROVIDE EARTHWORK FOR 10. NEW OVERHEAD PRIMARY ELECTRIC SERVICE AND POLES BY UTILITY COMPANY.

PROVIDE CONCRETE PAD, EARTHWORK AND CONDUIT AS DIRECTED BY UTILITY

NEW UNDERGROUND SERVICE ENTRANCE TO PAD MOUNTED SWITCHGEAR.

NEW MAIN SWITCHBOARD "MSB". REFER TO ELECTRICAL RISER DIAGRAM.

6. EXTEND AND CONNECT EXISTING BATHROOM BUILDING TO NEW MAIN DISTRIBUTION PANEL "MSB". REFER TO PANEL SCHEDULE FOR ADDITIONAL

NEW ELECTRICAL SERVICE TO EXISTING NEW GYM BUILDING. REFER TO

11. NEW LOCATION OF EXISTING FREEZER. CONTRACTOR SHALL EXTEND AND CONNECT EXISTING CIRCUIT FOR TEMPORARY CONNECTION AS REQUIRED BY NEC. COORDINATE REQUIREMENTS WITH ARCHITECT AND OWNER. FIELD VERIFY

12. NEW ELECTRICAL SERVICE TO EXISTING OLD GYM BUILDING, REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION

ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION.

COORDINATE REQUIREMENTS WITH UTILITY COMPANY.

REFER TO ELECTRICAL RISER DIAGRAM.

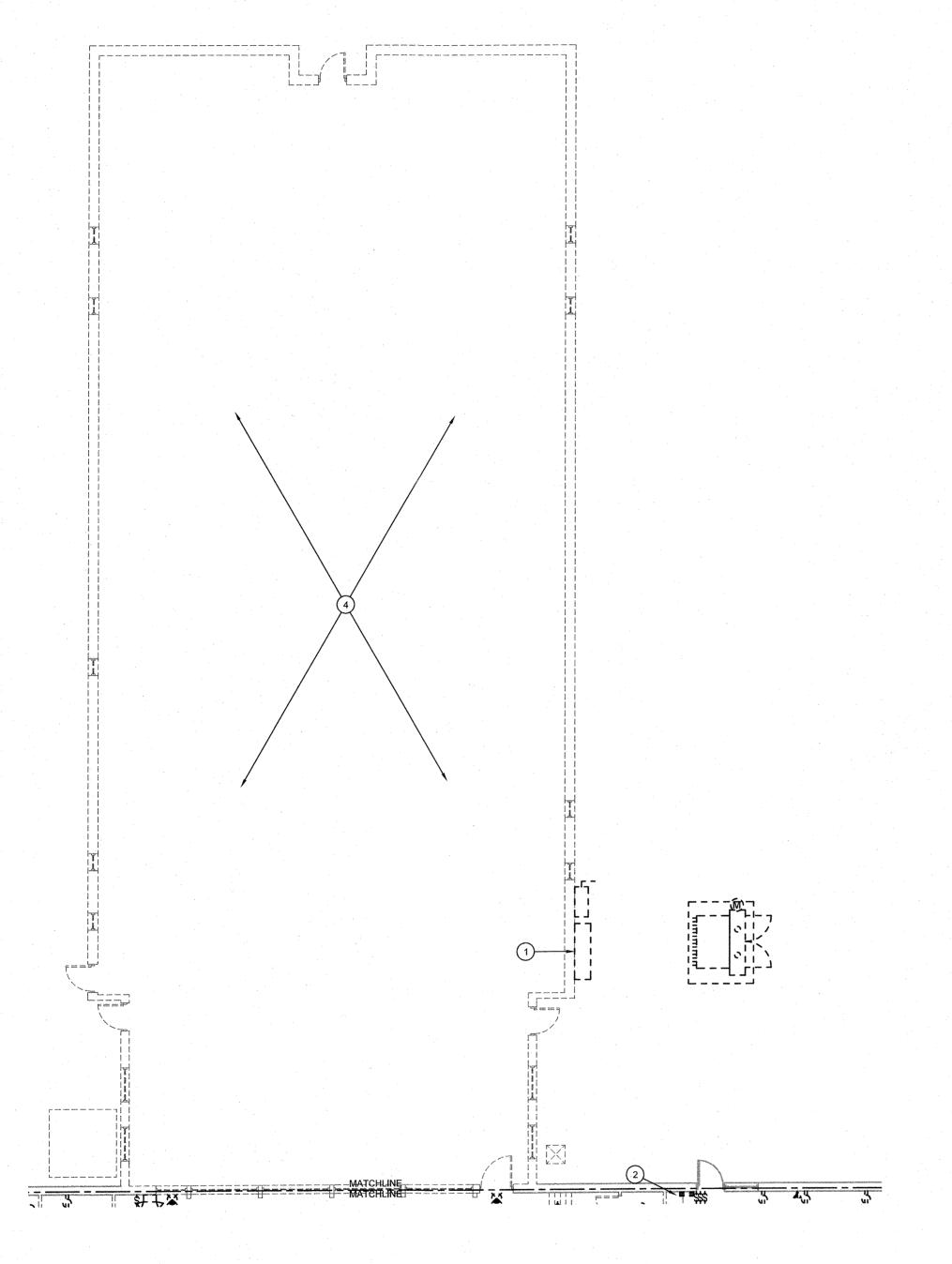
UTILITY PROVIDERS PRIOR TO BID.

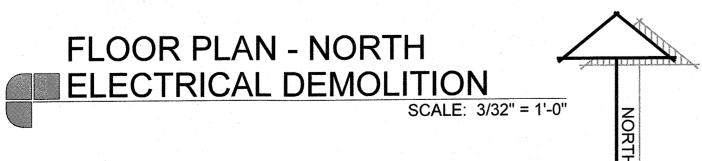
PRIMARY AS REQUIRED BY UTILITY COMPANY.

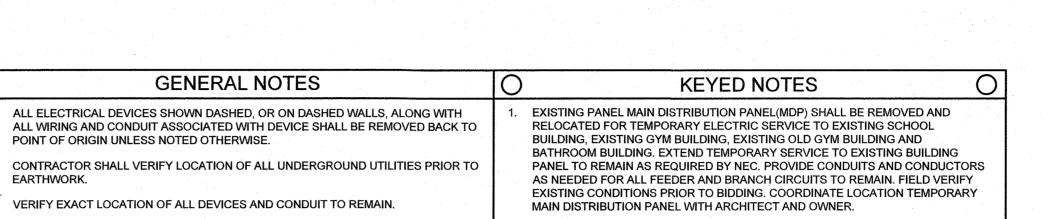
INFORMATION.

UTILITY COMPANY.

EXISTING CONDITIONS.







CONTRACTOR SHALL SIZE CONDUCTOR/CONDUIT IN ACCORDANCE WITH NEC. ALL DOWNSTREAM DEVICES NOT BEING REMOVED AS PART OF THIS PROJECT SHALL REMAIN ACTIVE. THIS INCLUDES BUT NOT LIMITED TO RECEPTACLES, LIGHTS, FIRE ALARM, DATA, AND COMMUNICATION OUTLETS/WIRING.

AND CONNECTING ALL FEEDER BRANCH CIRCUITS/CONDUITS TO REMAIN.

THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL PANEL CONNECTIONS PRIOR TO

PANEL REMOVAL/RELOCATION. THE CONTRACTOR IS RESPONSIBLE FOR EXTENDING

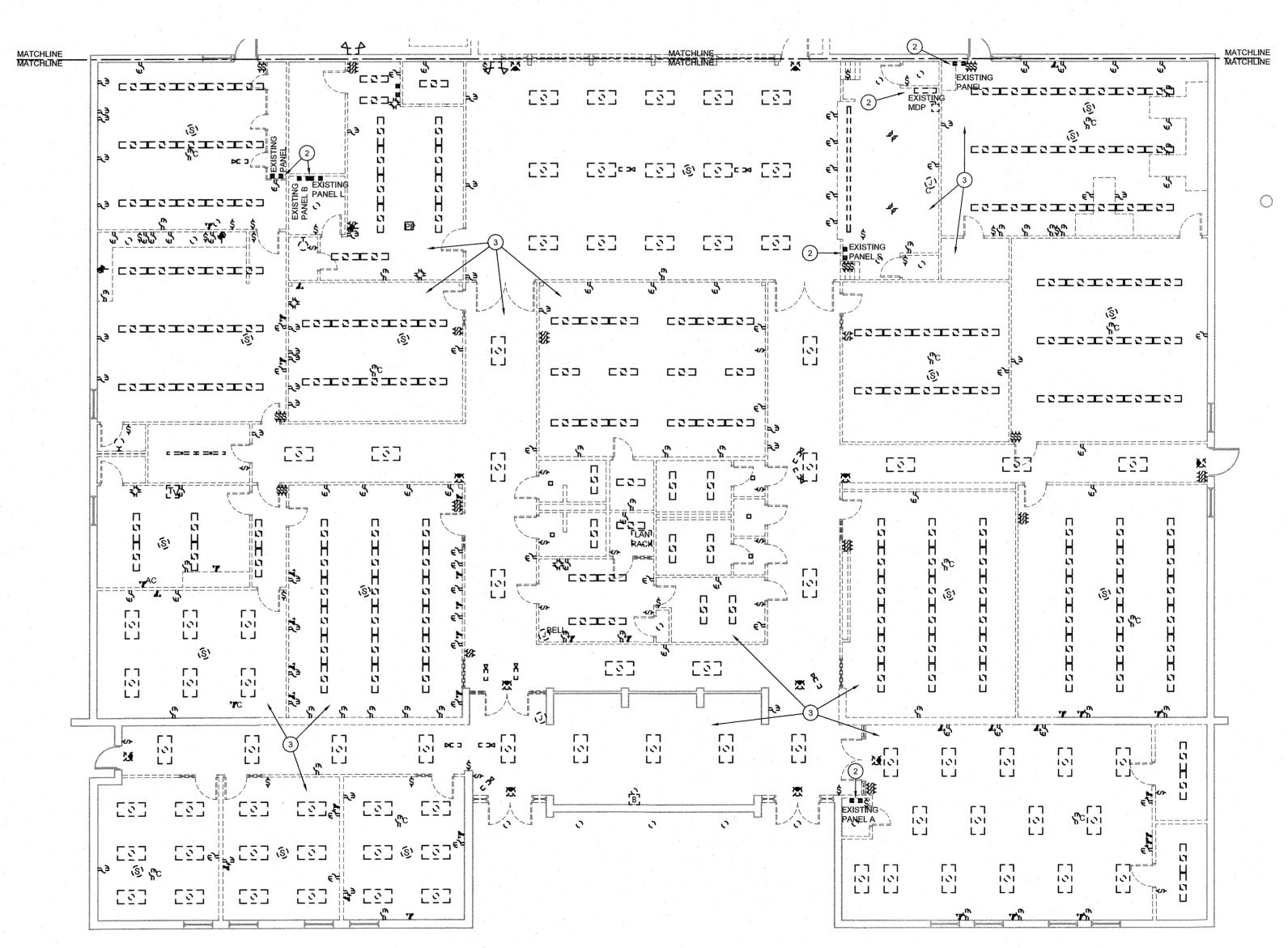
EARTHWORK.

ALL POWER AND COMMUNICATIONS OUTAGES SHALL BE COORDINATED WITH OWNER AND ARCHITECT PRIOR TO OUTAGE. PROVIDE TEMPORARY CONNECTIONS (POWER AND COMMUNICATION WIRING) TO EQUIPMENT TO MAINTAIN SERVICE

EXISTING DISTRIBUTION PANEL ALL ASSOCIATED PANELS IN THIS AREA SHALL REMAIN ACTIVE. COORDINATE PHASING REQUIREMENTS WITH ARCHITECT. PROVIDE TEMPORARY CONNECTION TO MAINTAIN POWER TO THIS SECTION OF THE BUILDING. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING.

ALL EXISTING ELECTRICAL PANELS, LIGHTS AND DEVICES SHALL REMAIN ACTIVE FOR TEMPORARY USE DURING CONSTRUCTION. COORDINATE PHASING REQUIREMENTS WITH ARCHITECT. FIELD VERIFY EXISTING CONDITIONS PRIOR TO

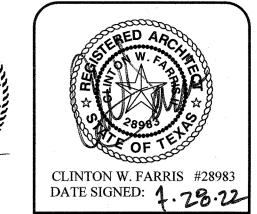
ALL EXISTING ELECTRICAL PANELS, LIGHTS, DEVICES AND ALL ASSOCIATED WIRING SHALL BE REMOVED IN THIS AREA TO ACCOMMODATE DEMOLITION. COORDINATE PHASING REQUIREMENTS WITH ARCHITECT.









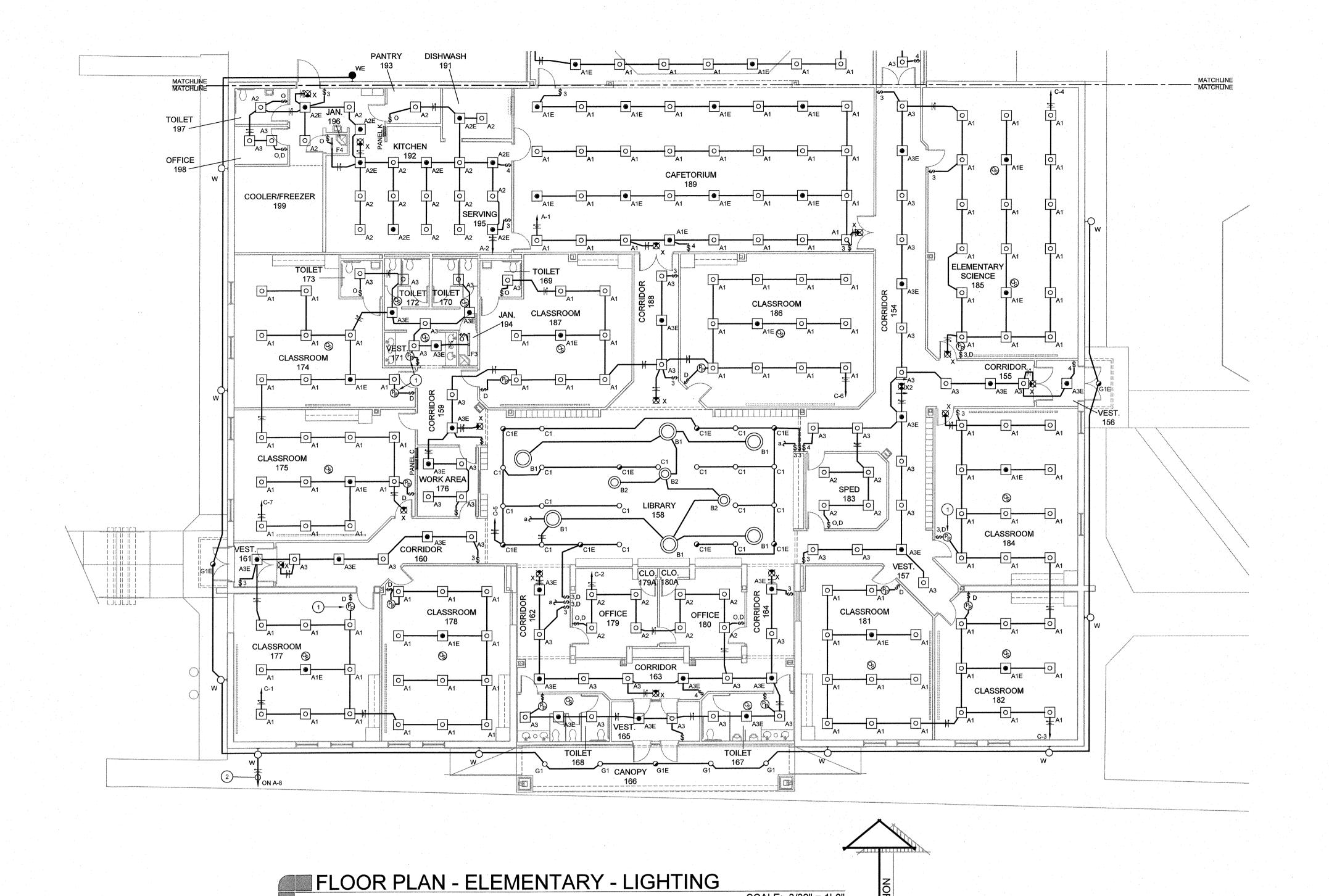


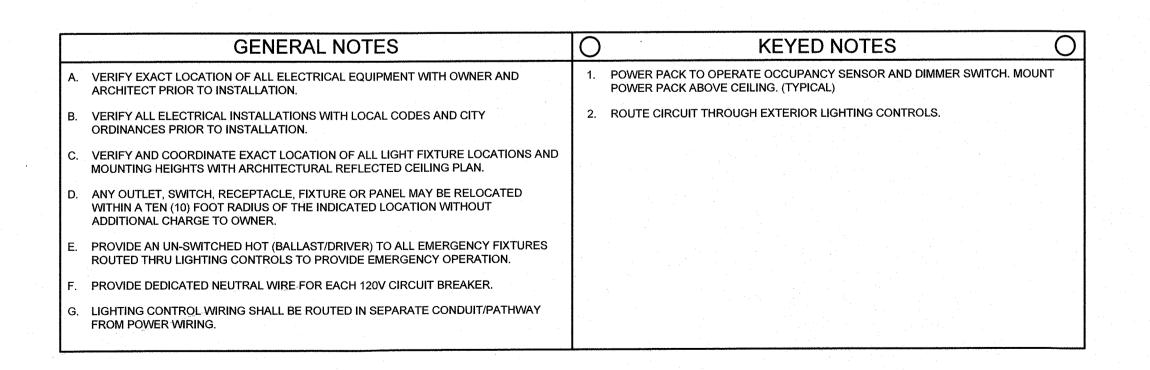




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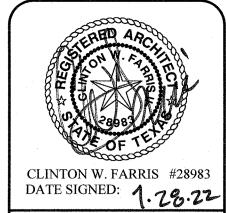
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SCALE: 3/32" = 1'-0"









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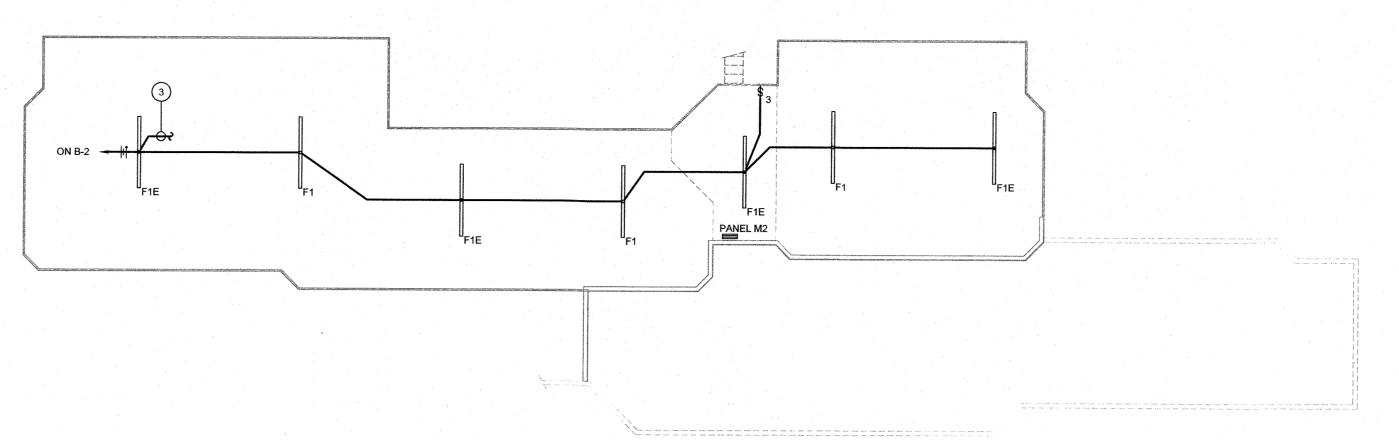
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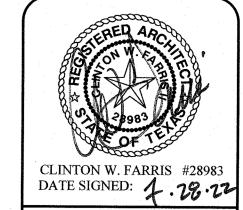
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	GENERAL NOTES	C	KEYED NOTES
Α.	VERIFY EXACT LOCATION OF ALL ELECTRICAL EQUIPMENT WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.	1.	POWER PACK TO OPERATE OCCUPANCY SENSOR AND DIMMER SWITCH. MOUNT POWER PACK ABOVE CEILING. (TYPICAL)
В.	VERIFY ALL ELECTRICAL INSTALLATIONS WITH LOCAL CODES AND CITY	2.	ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTROLS.
C.	ORDINANCES PRIOR TO INSTALLATION.  VERIFY AND COORDINATE EXACT LOCATION OF ALL LIGHT FIXTURE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL REFLECTED CEILING PLAN.	3.	EXTEND AND CONNECT TO LIGHT FIXTURES AN MEZZANINE. COORDINATE LOCATION OF SWITCH WITH ARCHITECT AND OWNER.
D.	ANY OUTLET, SWITCH, RECEPTACLE, FIXTURE OR PANEL MAY BE RELOCATED WITHIN A TEN (10) FOOT RADIUS OF THE INDICATED LOCATION WITHOUT ADDITIONAL CHARGE TO OWNER.		
E.	PROVIDE AN UN-SWITCHED HOT (BALLAST/DRIVER) TO ALL EMERGENCY FIXTURES ROUTED THRU LIGHTING CONTROLS TO PROVIDE EMERGENCY OPERATION.		
F.	PROVIDE DEDICATED NEUTRAL WIRE FOR EACH 120V CIRCUIT BREAKER.		
G.	LIGHTING CONTROL WIRING SHALL BE ROUTED IN SEPARATE CONDUIT/PATHWAY FROM POWER WIRING.		



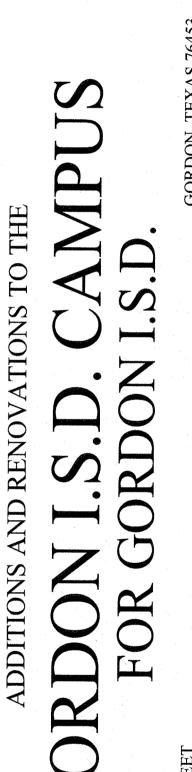






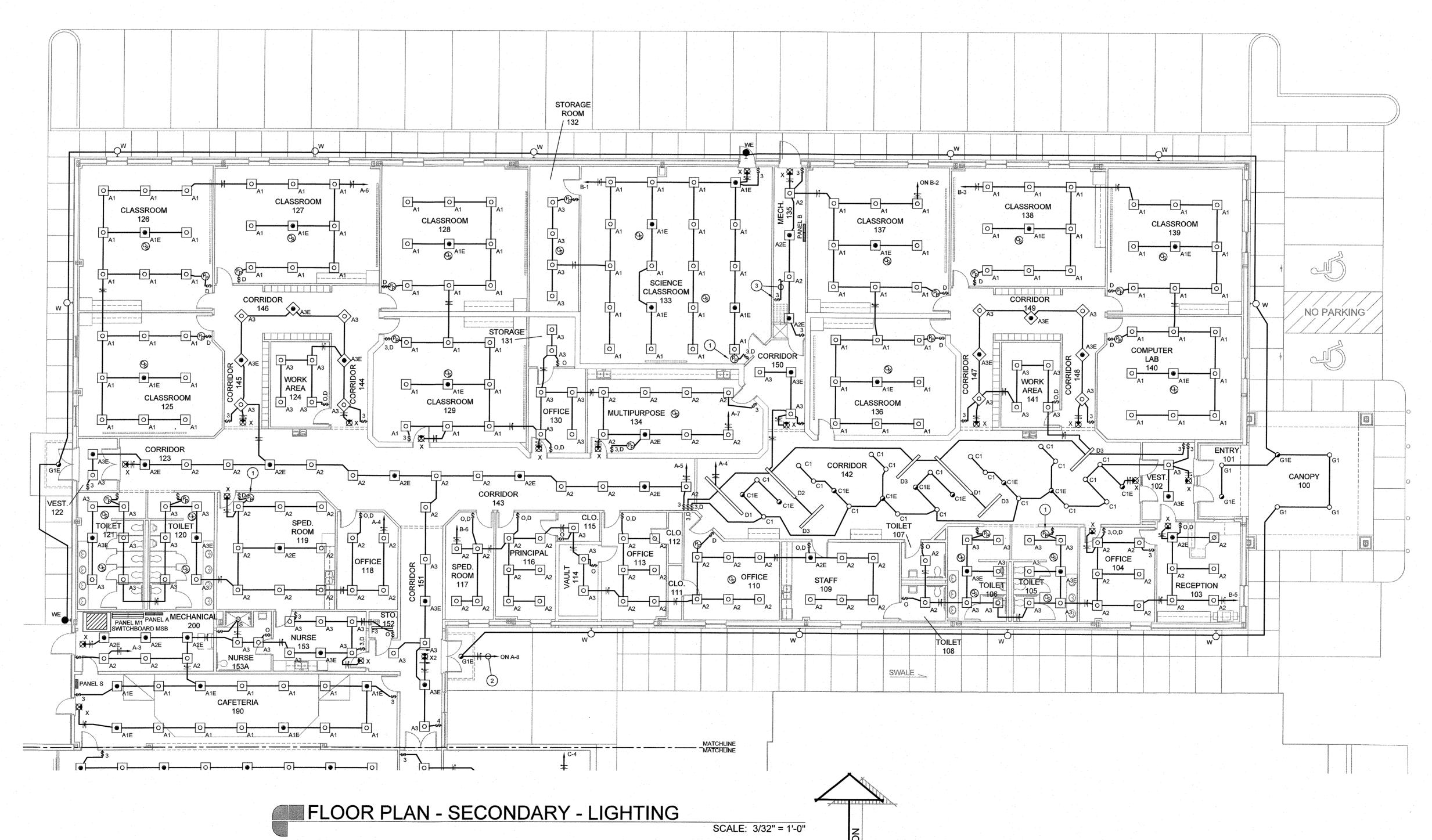


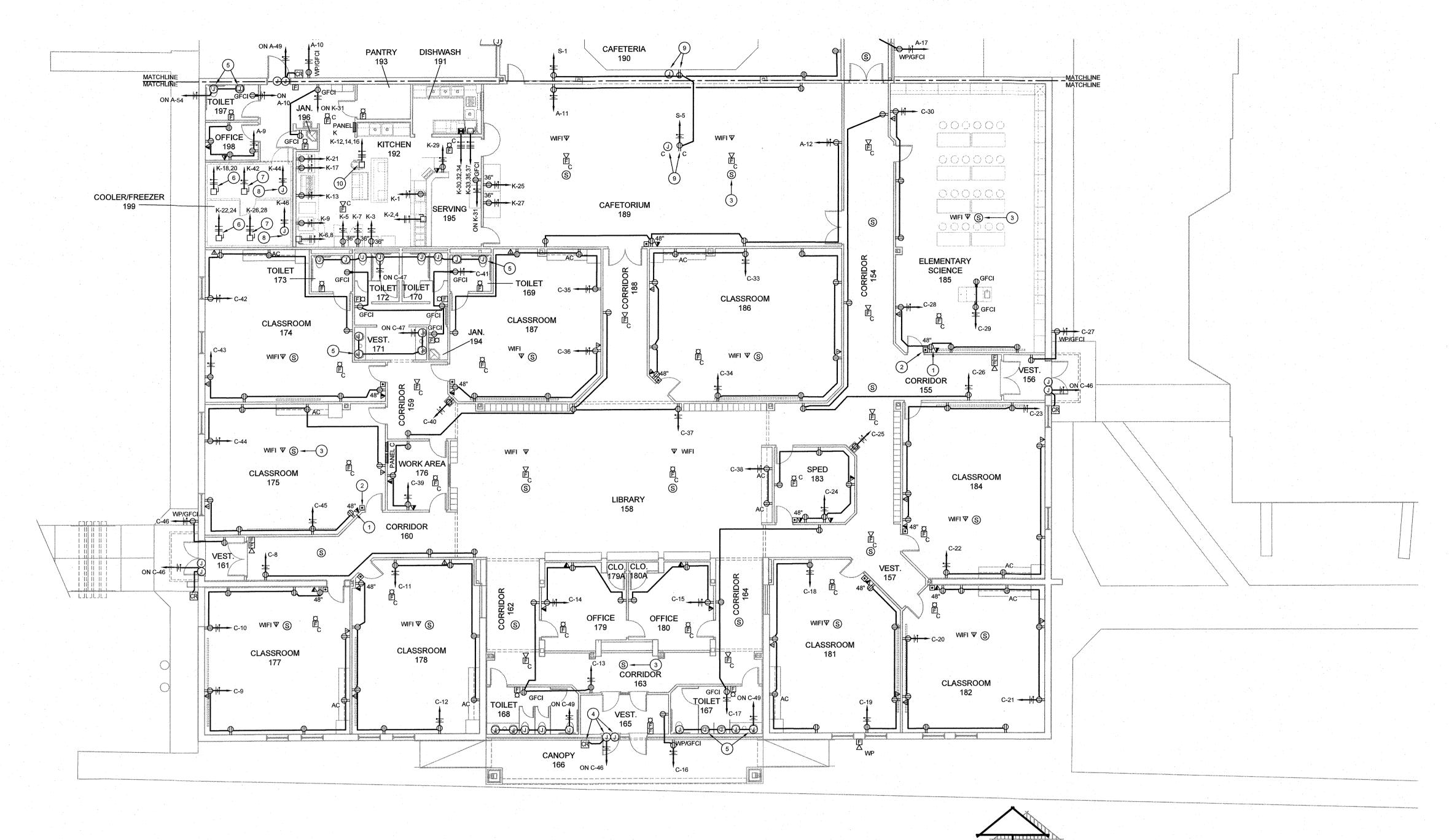




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FLOOR PLAN - MEZZANINE - LIGHTING SCALE: 3/32" = 1'-0"



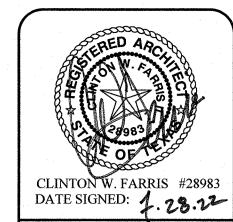


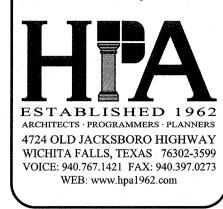


GENERAL NOTES			O KEYED NOTES (
A.	VERIFY ALL ELECTRICAL INSTALLATIONS WITH LOCAL CODES AND CITY ORDINANCES PRIOR TO INSTALLATION.	J. WHERE GFCI PROTECTION IS REQUIRED BY CODE AND CONNECTION IS LOCATED BEHIND EQUIPMENT. CONTRACTOR SHALL PROVIDE GFCI CIRCUIT BREAKER IN LIEU OF GFCI OUTLET.	POWER AND COMMUNICATION OUTLET FOR CLASSROOM PHONE. PHONE PROVIDED AND INSTALLED BY OWNER. (TYPICAL)
В.	IT IS ASSUMED THAT ANY OUTLET, SWITCH, RECEPTACLE, FIXTURE OR PANEL MAY BE RELOCATED WITHIN A TEN (10) FOOT RADIUS OF THE INDICATED LOCATION WITHOUT ADDITIONAL CHARGE TO THE OWNER.	K. IN COMMERCIAL KITCHEN, PROVIDE GFI CIRCUIT BREAKERS AS INDICATED IN NEC ARTICLE 210.8(B)	<ol> <li>PA SYSTEM CALL BUTTON. EXTEND AND CONNECT TO PUBLIC ADDRESS SYSTEM AS REQUIRED. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER. (TYPICAL)</li> </ol>
C.	THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXACT POWER REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN. TERMINATE AS DIRECTED BY EQUIPMENT NAME PLATES. COORDINATE EXACT LOCATION FOR INSTALLATIONS WITH OWNER PRIOR TO ROUGH-IN. NOTIFY ENGINEER IF ALTERNATE POWER IS REQUIRED.	L. ALL RECEPTACLES IN AREAS SPECIFIED SHALL BE TAMPER RESISTANT INCLUDING: HOTEL GUEST ROOMS, DWELLING UNITS, CHILD CARE FACILITIES, PRESCHOOL/ELEMENTARY EDUCATION FACILITIES, MEDICAL CLINICS, MEDICAL OFFICES, MEDICAL OUTPATIENT FACILITIES, GYMNASIUMS, SKATING RINKS, AND	3. NEW RECESSED PA SPEAKER. PROVIDE BACK BOX FOR SPEAKER AS REQUIRED. EXTEND AND CONNECT TO PUBLIC ADDRESS SYSTEM. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER. (TYPICAL)
D.	VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT AND TEMPERATURE CONTROLS WITH MECHANICAL PLANS. PROVIDE 1" CONDUIT AT EACH THERMOSTAT.	AUDITORIUMS, AND DORMITORIES AS REQUIRED BY NEC ARTICLE 406.12  M. PROVIDE LOCAL DISCONNECTS FOR ALL EQUIPMENT THAT IS PROVIDED WITH DIRECT CONNECTION (NON-PLUG RECEPTACLE). ANY DISCONNECTS THAT ARE PROVIDED IN	<ol> <li>EXTERIOR DOOR ACCESS CONTROL POWER AND COMMUNICATION CONDUIT. COORDINATE REQUIREMENTS WITH SECURITY COMPANY AND DOOR HARDWARE CONTRACTOR. (TYPICAL)</li> </ol>
E.	REFER TO MECHANICAL PLANS FOR LOCATIONS.  PROVIDE DEDICATED NEUTRAL WIRE FOR EACH 120V CIRCUIT BREAKER.	AREAS SUBJECT TO MOISTURE (I.E. DISHWASHING AREAS) SHALL BE STAINLESS STEEL AND RATED FOR NEMA 4X.	5. 120V INFRARED PLUMBING SENSOR. COORDINATE CONNECTION REQUIREMENTS AND LOCATION WITH PLUMBING CONTRACTOR AND MANUFACTURER. (TYPICAL)
F.	PROVIDE MOTOR RATED SWITCHES FOR EACH 120V HVAC CONNECTIONS. OVERLOADS SHALL MATCH MOTOR RATING.	N. PROVIDE 120V POWER FOR EACH HOOD SUPPRESSION SYSTEM AND EXTEND AND CONNECT TO THE BUILDING FACP UPON ACTIVATION. PROVIDE FOR ALL INTERLOCKING	<ol><li>WALK-IN COOLER/FREEZER CONDENSING UNIT TO BE MOUNTED ON ROOF. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.</li></ol>
G.	CONTRACTOR SHALL PROVIDE NEMA 3R DISCONNECT SWITCHES FOR ALL EXTERIOR HVAC EQUIPMENT. INTERIOR DRY LOCATION DISCONNECT ENCLOSURES SHALL BE RATED NEMA 1.	O. ALL SINGLE PHASE 120, 208V RECEPTACLES RATED AT 50 AMPS OR LESS AND ALL THREE PHASE 120/208V RECEPTACLES RATED 100 AMPS OR LESS SHALL BE A GFCI	7. WALK-IN COOLER/FREEZER EVAPORATOR UNIT TO BE MOUNTED ON ROOF. COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.  8. JUNCTION BOX TO SERVE WALK-IN COOLER/FREEZER LIGHTS AND CONTROLS.
H.	ALL CONDUITS SERVING ROOF-MOUNTED EQUIPMENT SHALL BE EXTENDED INSIDE THE UNIT CURBS TO AVOID ADDITIONAL PITCHPANS. ALL EXTERIOR CONDUIT SHALL BE RIGID GALVANIZED STEEL OR LIQUID TIGHT FLEXIBLE CONDUIT AS SPECIFIED.	TYPE RECEPTACLE OR GFCI CIRCUIT BREAKER AS REQUIRED BY NEC ARTICLE 210.8.(B)  P. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT.	COORDINATE CONNECTION REQUIREMENTS WITH MANUFACTURER.  9. POWER AND COMMUNICATION PATHWAY FOR OWNER PROVIDED PROJECTOR. COMMUNICATION CONDUIT SHALL BE 1-1/4". COORDINATE ROUTING AND
l.	DATA/TELEPHONE/TV OUTLETS SHALL BE INSTALLED WITH 3/4" CONDUIT EXTENDED TO AN ACCESSIBLE POINT ABOVE CEILING AND PROVIDED WITH PULL STRING. COORDINATE ALL TELEPHONE, TV AND DATA LOCATIONS WITH OWNER, PROVIDE	Q. PROVIDE INTERFACE CONNECTION FOR ALL KITCHEN HOODS TO THE NEW FIRE ALARM CONTROL PANEL TO INITIATE GENERAL ALARM UPON ACTIVATION OF ANY HOOD SUPPRESSION SYSTEM. PROVIDE ALL NECESSARY INTERFACE RELAYS AND COORDINATE FOR 120 VOLT POWER REQUIREMENTS AS REQUIRED.	LOCATION OF OUTLETS WITH OWNER AND ARCHITECT.  10. COORDINATE ROUTING OF CONDUIT WITH OWNER AND ARCHITECT.

INSULATED BUSHING ON BOTH ENDS OF CONDUIT.









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