

RFP ADDENDUM

ADDENDUM NO.: 003

DATE ISSUED: April 11, 2024

BID DATE: Thursday, April 18, 2024

BID TIME: 2:00 PM ET

BID LOCATION: City of Dalton Finance Department

RFP CLARIFICATIONS:

1. Section 00030 – Subcontractor’s Qualifications/Instructions

a. Financial Status and Bondability: Subcontractors may provide a financial summary in lieu of an audited financial statement.

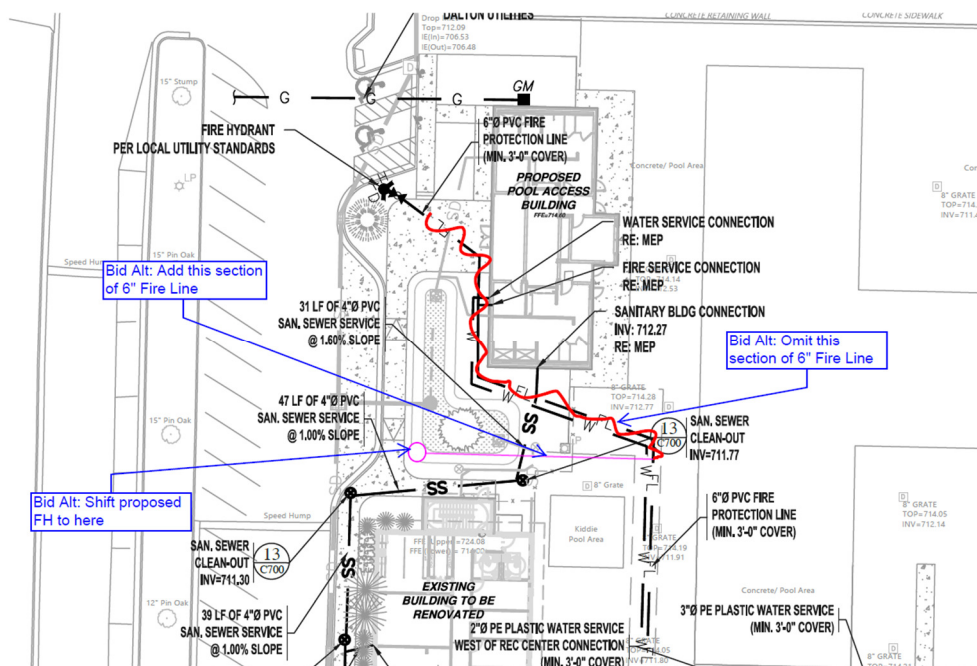
2. Section 00080 – Proposal Form

a. Item 1. Testing: Delete.

b. Item 25. Fire Protection: Fire Protection subcontractor to provide two proposal costs as follows:

(1) Cost for Fire Protection according to drawings and specifications.

(2) Cost for Fire Protection for Recreation Center facility only. Omit the 6” PVC fire lines from just past the baby pool area to the Pool Access Building. Relocate the proposed fire hydrant from the pool building frontage to just southwest of the bio-retention pond. See below:



QUESTIONS:

1. "In talking with Bill Mooney with Dalton Utilities he advised the electric contractor would be responsible for the following items:
 - a. Excavation for the primary electric circuit from the pole to the utility transformer.
 - b. Install 1 – 6" PVC conduit provided by Dalton Utilities from the pole to the transformer.

Addendum 2 provided a preliminary engineering cost estimate. Do we include this cost estimate in addition to the preliminary work outlined above?"

Answer: Electrical and Earthwork/Site Utility subcontractors to use cost estimates provided by Dalton Utilities included in Addendum No. 2.

2. "The preliminary engineering cost estimate provided in addendum 2 states this is an estimate only. If we are to include this in our bid who will be responsible if the actual cost is more?"

Answer: Electrical and Earthwork/Site Utility subcontractors will only be responsible for the Dalton Utilities cost estimate provided in Addendum No. 2.

3. "Who is responsible for the concrete Pole bases for the exterior pole lights around the pool?"

Answer: See General Site Note 4 on E1S.00: RC Electrical Site Plan: The electrical contractor is responsible for supplying all concrete and related work for all pole bases, transformer pads, etc., which are in his scope of work.

4. "In addendum 2 there was also a drawing showing 100' of 2" HDPE and 350' of HDPE. Who provides this, who installs it, what is it for?"

Answer: This drawing is a part of the cost estimate provided by Dalton Utilities for natural gas.

MODIFICATIONS:

1. A2.80 – RC: Finish, Door and Window Schedules
 - a. Door Schedule Notes:
 - 1) Abbreviation "SS" under Note 2 should reference specification 083300: Overhead Coiling Doors.
 - 2) Add Abbreviation "FRP" for Fiberglass Reinforced Polyester composite construction. Reference specification: 083380: Special Doors and Frames.
2. C200 – Existing Conditions and Demolition
 - a. The existing 1-story and 2-story buildings and slabs required to be demolished have been removed by the Owner.

3. C400 - Site Utilities
 - a. Revised and reissued. See attached.
4. E1.01 – RC Electrical Project Schedules and Notes
 - a. Revised and reissued. See attached.
5. E1.02 – RC Fire Alarm – Security Notes and Details
 - a. Revised and reissued. See attached.
6. E1.31 – RC Entrance Level Fire Alarm Plan
 - a. Revised and reissued. See attached.
7. E1S.00 – RC Electrical Site Plan
 - a. Revised and reissued. See attached.
8. E2.01 – PAB Electrical Project Schedules and Notes
 - a. Revised and reissued. See attached.
9. FP0.01 – RC Fire Protection Site Plan & Notes
 - a. Revised and reissued. See attached.
10. FP01.01 – PAB Fire Protection Site Plan & Notes
 - a. Revised and reissued. See attached.
11. 099100: Painting
 - a. Paragraph 2.C: Add exposed metal in the Pool Access Building such as but not limited to ductwork, conduit and junction boxes.
12. 142123: Machine-Room-Less Electric Traction Passenger Elevators
 - a. Paragraph 2.B.(1)(q): Replace Entrance Type with “Two Speed Side Opening”

SUBSTITUTIONS:

1. E1.01 – RC Electrical Project Schedules and Notes
 - a. Recreation Center Lighting Fixture Schedule: Lighting fixture package provided by FSA Lighting is approved.
2. E2.01 – PAB Electrical Project Schedules and Notes
 - a. Pool Access Building Lighting Fixture Schedule: Lighting fixture package provided by FSA Lighting is approved.

NEW ISSUE:

1. Sign-in sheets attached from the April 9, 2024 Mandatory Proposal Meeting.

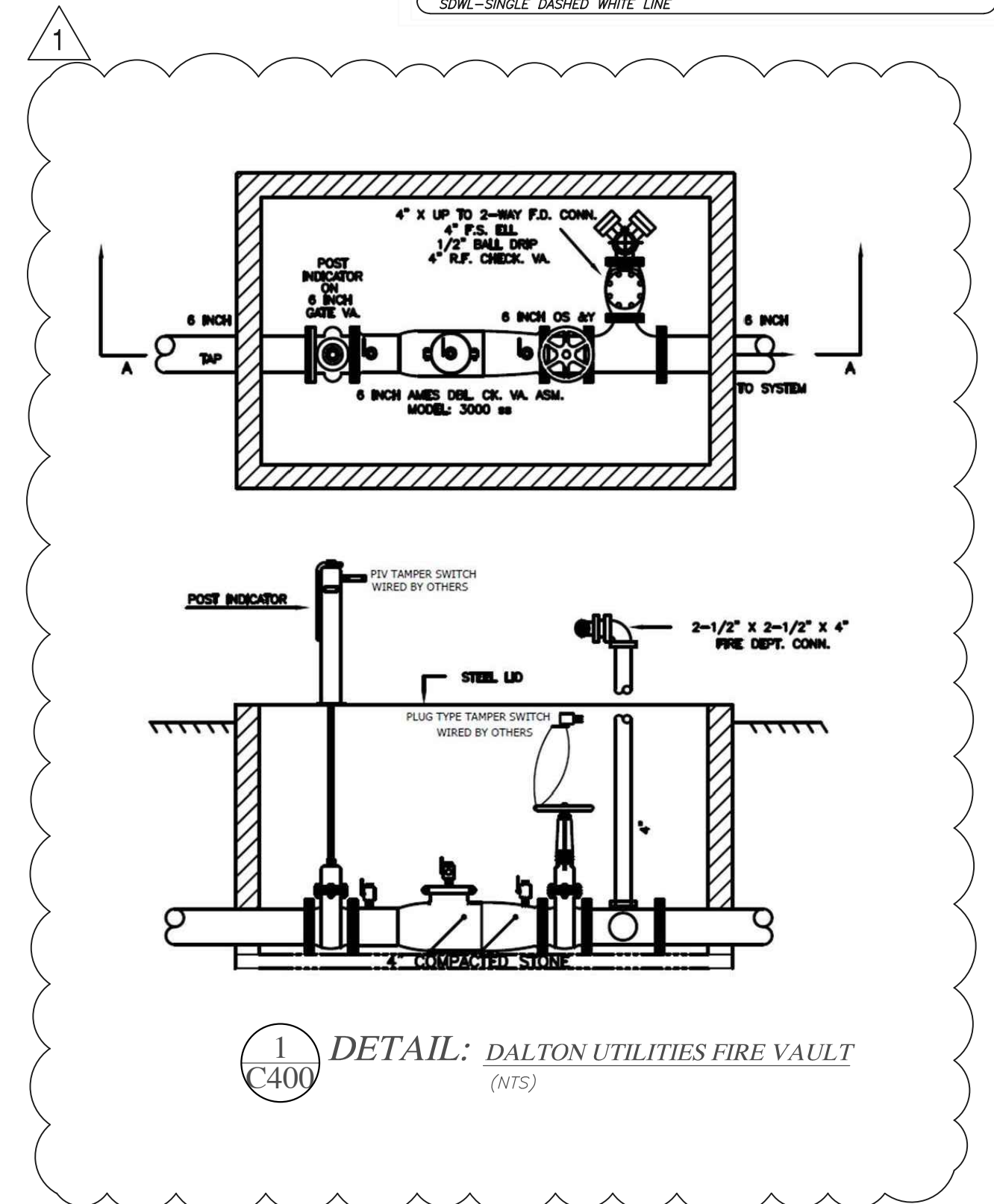


LEGEND

Ex	Curb
Ex	Centerline
EX W	Water Line
EX F	Fire Line
EX IRR	Irrigation Line
EX SD	Storm Drainage Line
EX SS	Sanitary Sewer Line
EX FM	Sanitary Sewer Force Main
Ex	Swale Centerline
Ex	Ditch Centerline
EX G	Gas Line
EX OHE	Overhead Elect. or Utility Line
EX UGE	Underground Electrical
EX UGFO	Underground Fiber Optics
EX UGT	Underground Telephone
PROPERTY LINE	
---	BUILDING LINE
---	EASEMENT LINE
---	BUILDING SETBACK LINE
---	LANDSCAPE BUFFER LINE
---	LOT LINE
---	ROW LINE
---	CURB
---	CENTERLINE
---	PROP. FENCE LINE
---	PROPOSED SWALE CENTERLINE
---	PROPOSED DITCH CENTERLINE
W	PROP. WATER LINE
FL	PROP. FIRE LINE
IRR	PROP. IRRIGATION LINE
G	PROP. GAS LINE
SS	PROP. SANITARY SEWER LINE
FM	PROP. SANITARY SEWER FORCE MAIN
OHE	PROP. OVERHEAD ELECT. OR UTILITY LINE
UGE	PROP. UNDERGROUND ELECTRICAL
UGFO	PROP. UNDERGROUND FIBER OPTICS
UGT	PROP. UNDERGROUND TELEPHONE

ABBREVIATIONS

SEE = NEW PUBLIC SANITARY SEWER EASEMENT (SEE PLAN FOR WIDTH)
 DE = NEW DRAINAGE EASEMENT (SEE PLAN FOR WIDTH)
 HE = NEW PUBLIC WATER EASEMENT (SEE PLAN FOR WIDTH)
 LA BUFFER = NEW LANDSCAPE BUFFER (SEE PLAN FOR WIDTH AND TYPE)
 FOOT PRINT AND WINDY COR = SEE THIS SHEET / 3000-NEW WIND STRUCK
 FIE = FINISHED FLOOR ELEVATION
 FM = FINISH GRADE AT TOP OF RETAINING WALL
 BW = FINISHED GROUND GRADE AT BOTTOM OF RETAINING WALL
 SDC = STORM DRAINAGE / SANITARY SEWER CLEAN-OUT
 UC = RUP UNDERGROUND CONNECTION
 SWM = SINGLE SOLID WHITE LINE, DSHL = DOUBLE SOLID YELLOW LINE
 DSM = SINGLE DASHED WHITE LINE



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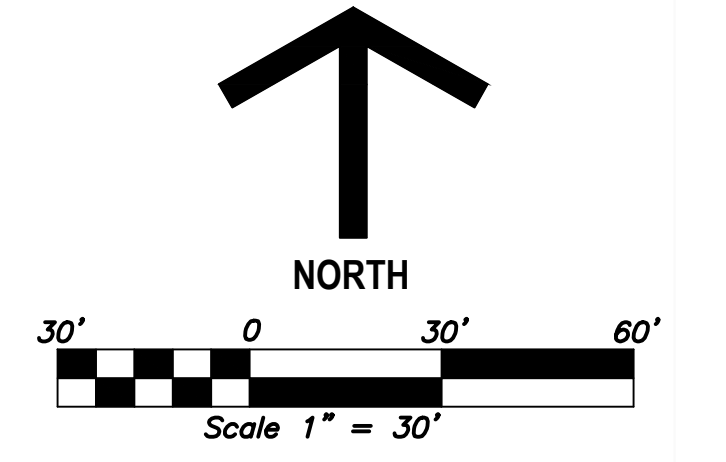


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GENERAL ELECTRICAL PROJECT NOTES

GENERAL:

- VERIFY ALL DOOR SWINGS WITH THE ARCHITECTURAL DRAWINGS BEFORE ROUGHING IN LIGHT SWITCHES TO INSURE PROPER LOCATION. VERIFY ALL CASEWORK HEIGHTS TO INSURE THAT ALL OUTLETS ABOVE CASEWORK ARE AT THE PROPER HEIGHT.
- VERIFY THE EXACT LOCATION OF ALL MOTORS AND EQUIPMENT OF ELECTRICAL AND OTHER TRADES BEFORE ROUGHING IN ELECTRICAL WORK. ALSO ADVISE OTHER TRADES OF THE LOCATIONS OF ELECTRICAL WORK WHICH WILL AFFECT THEIR WORK, PRIOR TO THE INSTALLATION OF THE ELECTRICAL WORK. COORDINATE LIGHT FIXTURE LOCATION WITH OTHER TRADES AND ARCHITECTURAL.
- ALL DIMENSIONS AFFECTING ELECTRICAL WORK ARE TO BE CAREFULLY CHECKED AND VERIFIED WITH THE GENERAL CONTRACTOR BEFORE ANY WORK IS DONE.
- UNLESS OTHERWISE NOTED IN THE WRITTEN SPECIFICATIONS OR ON THE DRAWINGS, ALL ELECTRICAL WORK AND ELECTRICAL EQUIPMENT ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS FOR ALL THE FOLLOWING ELECTRICAL DEVICES OR SYSTEMS: FIRE ALARM, SWITCHGEAR, LIGHTING, WIRING DEVICES, PLASTIC RACEWAY & BOXES, FUSES, FIRESTOPPING, AND WIRE TO BE USED ON THE PROJECT. NOTE THAT NO ITEMS WILL BE REVIEWED UNTIL ALL SUBMITTALS ARE RECEIVED. CONTRACTOR RESPONSIBLE FOR PROJECT DELAYS DUE TO INCOMPLETE SUBMITTAL PACKAGES.
- FIREWALL MEMBRANE PENETRATIONS SHALL CONFORM WITH ALL APPLICABLE CODES.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF ALL ELECTRICAL DEVICES TO BE REMOVED AS A PART OF THIS PROJECT. HE IS RESPONSIBLE FOR DETERMINING WHAT DEVICES ARE TO BE REMOVED IN ACCORDANCE WITH THE ARCHITECT'S PLANS AND INCLUDE ALL COST AT THE TIME OF BID. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REINSTALLATION OR REPLACEMENT OF ANY DEVICES REMOVED AGAINST THE OWNERS WISHES. HE IS ALSO RESPONSIBLE FOR THE RECONNECTION OF ANY CIRCUITS OR CABLES DAMAGED OR REMOVED DURING DEMOLITION WHICH THE OWNER HAD INTENDED TO REMAIN IN SERVICE WHETHER INDICATED ON THE DRAWINGS OR NOT. INCLUDE ALL ALLOWANCE FOR SUCH WORK IN BID. NEW CIRCUIT AND CONDUIT RUNS ALONG WITH BREAKERS MAY BE REQUIRED FOR THIS ITEM. PROVIDE TEMPORARY POWER CIRCUITS TO ANY DEVICE SCHEDULED TO BE REPLACED IN A LATER PHASE THAT LOSES POWER DUE TO DEMOLITION IN AN EARLIER PHASE. VERIFY ALL ITEMS TO BE DEMO'D WITH ARCHITECT PRIOR TO REMOVAL OF ANY DEVICE.

WIRE/CONDUIT:

- ELECTRICAL CONTRACTOR IS TO PROVIDE CONDUITS AND BOXES FOR THERMOSTAT AND SENSOR LOCATIONS. COORDINATE WITH MECHANICAL FOR LOCATIONS, MOUNTING HEIGHTS, BOXES, & CONDUIT SIZE. PROVIDE MEASURED PULL STRINGS. STUB OUT IN 1/2".
- PROVIDE MEASURED PULL STRINGS IN ALL CONDUIT TO BE LEFT EMPTY.
- ALL 120V, 20A HOMERUNS LESS THAN 80' TO BE #12, USE #10 FOR GREATER LENGTHS.
- PROVIDE SEPARATE GROUND WIRES FOR ALL CIRCUITS, NO RACEWAY GROUNDS.
- CONTRACTOR IS REQUIRED TO PROVIDE CONDUIT SLEEVE PENETRATIONS THRU RATED WALLS FOR USE BY HIMSELF AND OTHER TRADES. COORDINATE SIZE AND LOCATION OF CONDUITS REQUIRED BY OTHER TRADES. THE INTERIOR OF ALL CONDUIT SLEEVES PENETRATING RATED WALLS ARE TO BE SEALED AROUND WIRING AND TO THE INTERIOR OF THE CONDUIT AT EACH END WITH FIRE STOP MATERIAL TO PRESERVE THE RATING INTEGRITY OF THE WALL. SEALING IS TO BE DONE ONLY AFTER ALL WIRING IS COMPLETE BOTH BY THE ELECTRICAL CONTRACTOR AND OTHER TRADES.
- CONDUIT ROUTING IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ROUTING SHOWN ON THESE DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. THE ONLY EXCEPTION TO THIS IS THAT NO SURFACE MOUNTED CONDUIT WILL BE PROVIDED EXCEPT AS INDICATED ON THESE DRAWINGS UNLESS APPROVAL IS GIVEN BY OWNERS REP OR ENGINEER. CONDUIT SIZES INDICATED ON THESE DRAWINGS ARE MINIMUM SIZES. FOR INDIVIDUAL HOMERUNS, CONTRACTOR IS FREE TO COMBINE DIFFERENT HOMERUNS IN SAME CONDUIT AND RESIZE ACCORDING TO NEC REQUIREMENTS. CONTRACTOR IS TO PROVIDE MULTIPLE RUNS OF CONDUIT AT HIS EXPENSE TO REPLACE LARGER INDIVIDUAL RUNS OF CONDUIT INDICATED ON THESE DRAWINGS WHERE FIELD CONDITIONS WILL NOT ALLOW THEM TO BE INSTALLED IN THE SIZES SHOWN. CONTRACTOR IS TO FINISH THRU EXISTING WALLS WITH CONDUIT RUNS AS REQUIRED BY FIELD CONDITIONS. LOCATE WALL PENETRATIONS ABOVE FUTURE CEILING AREAS UNLESS OTHERWISE INDICATED. FIRE STOP AS REQUIRED.
- CONTRACTOR TO RUN ALL LOW VOLTAGE POWER WIRING IN CONDUIT.
- CONTRACTOR IS FREE TO USE 1/2" FC FOR SWITCH LEGS.

POWERSYSTEMS:

- ALL BOXES FOR POWER AND/OR COMMUNICATION DEVICES SHALL BE LOCATED 16" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
- OUTLETS ON BACK TO BACK WALL SURFACES BETWEEN ROOMS SHALL BE HORIZONTALLY SEPARATED BY 6" MIN. NO BACK TO BACK INSTALLATION OF BOXES ON THESE WALLS IS ALLOWED. IF THE SUBJECT WALLS ARE FIRE RATED, THE BOXES MUST BE WRAPPED IN FIRE RATED SHEETROCK BOXES SO THAT THE WALL FIRE RATING IS NOT AFFECTED BY THE PENETRATION.
- PROVIDE SERVICE ENTRANCE GROUNDING IN ACCORDANCE WITH NEC.
- ALL COMMUNICATIONS SYSTEMS ARE TO BE PROVIDED BY OWNER. THE ELECTRICAL CONTRACTOR IS TO PROVIDE ALL CONDUIT AND STANDARD BACKBOXES IDENTIFIED IN ELECTRICAL DOCUMENTS.
- VERIFY LOCATION OF ALL TV ELECTRICAL AND CABLE CONNECTIONS WITH ARCHITECT PRIOR TO DOING ANY WORK. ELECTRICAL CONTRACTOR RESPONSIBLE FOR ANY COST ASSOCIATED WITH RELOCATING ELECTRICAL AND CABLE CONNECTIONS DUE TO FAILURE TO COORDINATE WITH ARCHITECT.

LIGHTING:

- CONTRACTOR IS TO VERIFY LIGHT FIXTURE COLOR/FINISHES WITH ARCHITECT PRIOR TO ORDER.
- ALL LIGHT FIXTURES ARE TO BE CHECKED BEFORE ROUGHING IN TO INSURE THAT THEY CAN BE MOUNTED AS DIRECTED BY THE DRAWINGS AND THAT THERE IS ENOUGH SPACE TO ALLOW SUCH.
- RECESSED LIGHT FIXTURES IN RATED CEILINGS MUST BE PROTECTED OR BE LISTED FOR USE IN A RATED ASSEMBLY.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING LOCATION OF HIS LIGHT FIXTURES WITH OTHER TRADES AND ARCHITECTURAL DRAWINGS PRIOR TO ANY INSTALLATION.
- PROVIDE PHOTOCELL ON ROOF FOR SWITCHING OF EXTERIOR LIGHTING.

WIRING DEVICES:

- RECEPTACLES LOCATED IN COMMON SPACES ACCESSIBLE TO SMALL CHILDREN ARE TO BE TAMPER RESISTANT DEVICES. THIS NOTE SHALL OVERRIDE THE SPECIFICATIONS. RECEPTACLES LOCATED OVER 5 1/2' ABOVE FINISHED FLOOR SHALL BE STANDARD RECEPTACLES. REFER TO NEC ARTICLE 408.12
- PROVIDE STAINLESS STEEL COVERPLATES FOR ALL DEVICES.
- MOUNTING HEIGHTS OF DEVICES WILL BE COORDINATED WITH OTHER TRADES AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
- ALL DEVICES TO BE GRAY UNLESS NOTED OTHERWISE.

ELECTRICAL SYMBOLS LEGEND

	2x4 RECESSED MOUNTED LIGHTING FIXTURE. RED INDICATES FIXTURES WITH EMERGENCY BATTERY PACKS
	2x4 SURFACE MOUNTED LIGHTING FIXTURE. RED INDICATES FIXTURES WITH EMERGENCY BATTERY PACKS
	1x4 SURFACE MOUNTED LIGHTING FIXTURE. RED INDICATES FIXTURES WITH EMERGENCY BATTERY PACKS
	48" CHAIN HUNG STRIP LIGHTING FIXTURE. FIELD VERIFY CHAIN LENGTHS. RED INDICATES FIXTURES WITH EMERGENCY BATTERY PACKS
	RECESSED DOWNLIGHT. SEE FIXTURE SCHEDULE FOR APERTURE SIZE AND LAMP TYPE. RED INDICATES FIXTURES WITH EMERGENCY BATTERY PACKS
	WALL MOUNTED EMERGENCY LIGHTING FIXTURE.
	EXIT SIGN. SEE LIGHTING SCHEDULE FOR INCLUSION OF EMERGENCY BATTERY PACKS. SHADING INDICATES NUMBER AND ORIENTATION OF FACES UNIVERSAL MOUNTING KIT. ARROW INDICATES PROVIDE KNOCKOUT FOR DIRECTIONAL ARROW IN THE DIRECTION SHOWN.
	WALL MOUNTED SWITCH, MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED. NUMBER INDICATES TYPE (3-WAY, ETC.). PROVIDE STAINLESS STEEL FACEPLATES.
	"K" INDICATES KEY LOCK TYPE SWITCH, PROVIDE P&S 20AC1 (1) OR (3) LAL.
	"L" INDICATE LOW VOLTAGE SWITCH - NLIGHT WIRELESS SWITCH #RPODLA DX GY G2 - ON/OFF & RAISE/LOWER WALL SWITCH (WIRELESS) WITH LINE VOLTAGE POWER.
	"M" WALL SWITCH WITH MOTION ACTIVATED WIRELESS SENSOR SWITCH # WSD PTD GY.
	PANELBOARDS, RECESSED OR SURFACE MOUNTED AS NOTED IN PANEL SCHEDULE. UNLESS OTHERWISE NECESSARY BY HEIGHT OF CABINET. MOUNT SO THAT TOP IS AT 6'-0" A.F.F. 3'-0" HORIZONTAL CLEARANCE MUST BE MAINTAINED FROM FLOOR TO CEILING IN FRONT OF ELECTRICAL PANELS.
	HOMERUN TO PANELBOARD IN CONDUIT. LETTER INDICATES PANEL NUMBER INDICATES CIRCUIT NUMBER. CROSS HATCHES INDICATE NUMBER OF CONDUCTORS TO BE #12 AWG UNLESS OTHERWISE NOTED. ALSO PROVIDE PAPER WIRES. LONG LINE INDICATES NEUTRAL. SEPARATE GROUND WIRES FOR ALL CIRCUITS. SIZE PER NEC.
	CONDUIT IN FLOOR SLAB OR UNDERGROUND, 3/4" UNLESS OTHERWISE NOTED.
	CONDUIT CONCEALED IN WALL OR CEILING, 3/4" UNLESS OTHERWISE NOTED.
	JUNCTION BOX, SIZE AND USE AS REQUIRED.
	JUNCTION BOX FOR UNIT HEATER CONNECTION. FIELD COORDINATE LOCATION AND PROVIDE 120V POWER CONNECTION AND 20A MOTOR RATED SWITCH FOR DISCONNECTING MEANS.
	DISCONNECT SWITCH. ALL TO BE HEAVY DUTY. FUSE SIZE SHOWN ON DRAWINGS.
	DUPLEX RECEPTACLE OUTLET MOUNTED 18" A.F.F. TO CENTER OF BOX. PROVIDE P&S #CRB-5362BACK AND SIDE WIRED RECEPTACLES. "C" INDICATES MOUNTING AT COUNTER TOP HEIGHT, 6" ABOVE BACKSPASH. VERIFY COUNTER HEIGHTS WITH ARCHITECT PRIOR TO DOING ANY WORK. "WP" INDICATES A WEATHERPROOF DEVICE MOUNTED HORIZONTALLY. P&S #CA8-GH. OUTDOOR DEVICES NOT UNDER BUILDING EYES TO BE MOUNTED IN TAB W/SD 15A-C.
	"G" INDICATES GROUND FAULT PROTECTED DEVICE (P&S#R209) OR BREAKER (SEE PANEL SCH.). GROUNDS TO LOCATED UP ON ALL RECEPTACLES.
	"U" INDICATES DUPLEX RECEPTACLE WITH USE CONNECTIONS. RECEPTACLE TO BE A PASS & SEYMOUR #PT120H4255959. 20AMP DUPLEX WITH USE CONNECTIONS TYPE-A AND TYPE-C. CONTRACTOR TO DETERMINE PIGTAIL TYPE FOR INSTALLATION. THE USE OF P&S #PT5362 QUICK PULL TAIL RECEPTACLES ARE ALLOWED IN LIEU OF CRB-5362 DEVICES AS A LABOR SAVING FEATURE.
	COMMUNICATIONS OUTLET, MOUNT AT 18" A.F.F. TO CENTER OF BOX, UNLESS OTHERWISE SHOWN.
	SPECIAL PURPOSE RECEPTACLE. CONTRACTOR TO PROVIDE RECEPTACLE TO MATCH NEMA CONFIGURATION OF CORD & PLUG OF DEVICE TO BE PLUGGED INTO RECEPTACLE. "C" INDICATES MOUNTING AT COUNTER TOP HEIGHT, 6" ABOVE BACKSPASH.
	TWIST LOCK RECEPTACLE. 30A 120V UNLESS NOTED OTHERWISE. CONTRACTOR TO PROVIDE RECEPTACLE TO MATCH NEMA CONFIGURATION OF CORD & PLUG OF DEVICE TO BE PLUGGED INTO RECEPTACLE.
	CABLE TELEVISION CONNECTION. PROVIDE EMPTY SINGLE GANG BOX IN WALL AT SAME HEIGHT AS RECEPTACLES. STUB OUT ABOVE CEILING IN 3/4". PROVIDE RECEPTACLE AND EMPTY BOX UNDER SINGLE COVERPLATE.
	20A MOTOR RATED SWITCH. PROVIDE P&S #P&S20AC1 WITH CROUSE-HINDS #TP403 (BOX) & #TP512 (COVER) & P&S #7801-P (HANDLE LOCKING GUARD).
	30A MOTOR RATED SWITCH. PROVIDE P&S#7812-P (INCLUDES P&S #7802 SWITCH IN A NEMA 1 ENCLOSURE).
	30A WEATHERPROOF MOTOR RATED SWITCH. PROVIDE P&S#7802 NEMA 3R BOX WITH P&S #7802 SWITCH.
	FLOOR BOX OR FIRE RATED POKE THROUGH DEVICE.
	120V POWER CONNECTION TO PROJECTION SCREEN.
	120V POWER CONNECTION TO WINDOW SHADE.
	FIRESTOP SLEEVE. (HILTI FIRESTOP SPEED SLEEVE) SEE COMMUNICATION RISER DIAGRAM FOR REQUIRED SLEEVES IN FLOOR OF IT ROOMS.
	2" INDICATES 2" HILTI FIRESTOP SPEED SLEEVE
	4" INDICATES 4" HILTI FIRESTOP SPEED SLEEVE
	20W NLIGHT #RPP20 POWER PACK (NON-DIM)
	20W NLIGHT #RPP20 D Q2, POWER PACK (DIMMING)
	20W NLIGHT #RCMS PDT 10, OCCUPANCY SENSOR
	20W NLIGHT #RCMS PDT 10 XX, OCCUPANCY SENSOR WITH DAY LIGHT FUNCTION
	20W NLIGHT #RPP20 POWER PACK (NON-DIM) AND #RCMS PDT 10, OCCUPANCY SENSOR
	20W NLIGHT #RPP20 D Q2, POWER PACK (DIMMING) AND #RCMS PDT 10, OCCUPANCY SENSOR
LEGEND NOTES:	
1. ALL WIRING DEVICES TO BE GRAY IN COLOR UNLESS OTHERWISE NOTED BY ARCHITECT.	
2. ALL WALL PLATES TO BE STAINLESS STEEL.	
3. RECEPTACLES TO BE TAMPER RESISTANT AS NOTED IN THE WIRING DEVICES SECTION OF THE GENERAL ELECTRICAL PROJECT NOTES.	

RECREATION CENTER LIGHTING FIXTURE SCHEDULE

Type	MFG	Model	Description
A	Acuity Brands Lighting	CPX 2X4 AL08 80CRI S1W7 SWL MVOLT NLTAIR2 APDT	2x4 LED TROFFER, 4800 LUMENS, 40K MVOLT, 0-10V DIMMING TO 10%
AE	Acuity Brands Lighting	CPX 2X4 AL08 80CRI S1W7 SWL MVOLT E10WLCP NLTAIR2 APDT	2x4 LED TROFFER, 4800 LUMENS, 40K MVOLT, 0-10V DIMMING TO 10%
B	Acuity Brands Lighting	CPX 2X2 AL07 80CRI S1W7 SWL MVOLT NLTAIR2 APDT	2x2 LED TROFFER, 4800 LUMENS, 40K MVOLT, 0-10V DIMMING TO 10%
BE	Acuity Brands Lighting	CPX 2X2 AL07 80CRI S1W7 SWL MVOLT E10WLCP NLTAIR2 APDT	2x2 LED TROFFER, 4800 LUMENS, 40K MVOLT, 0-10V DIMMING TO 10%
C1	Acuity Brands Lighting	EV06 4015 AR WD LSS MVOLT E21 TRW	6" LED DOWNLIGHT
C1E	Acuity Brands Lighting	EV06 4015 AR WD LSS MVOLT E21 TRW ELS	6" LED DOWNLIGHT, WITH EMERGENCY BATTERY PACK AND SELF DIAGNOSTICS
C2	Acuity Brands Lighting	EV06 4020 AR WD LSS MVOLT E21 TRW	6" LED DOWNLIGHT
C3	Acuity Brands Lighting	EV06 4020 AR WD LSS MVOLT E21 TRW	6" LED DOWNLIGHT
C3E	Acuity Brands Lighting	EV06 4020 AR WD LSS MVOLT E21 TRW ELS	6" LED DOWNLIGHT, WITH EMERGENCY BATTERY PACK AND SELF DIAGNOSTICS
C4	Acuity Brands Lighting	EV06 4015 AR WD LSS MVOLT E21 NLTAIR2 TRW	6" LED DOWNLIGHT, WITH NLTAIR
CS	Acuity Brands Lighting	EV04 4020 AR WD LSS MVOLT E21 TRW	4" LED DOWNLIGHT
CSE	Acuity Brands Lighting	EV04 4020 AR WD LSS MVOLT E21 TRW ELS	4" LED DOWNLIGHT, WITH EMERGENCY BATTERY PACK AND SELF DIAGNOSTICS
DE	Acuity Brands Lighting	CLX LED L48 9000LM SEF FDL MVOLT G210 40K 80CRI WH / ZACVH M100	4" LED STRIP LIGHT
DH	Acuity Brands Lighting	CLX LED L48 9000LM SEF FDL MVOLT G210 40K 80CRI WH / ZACVH M100	4" LED STRIP LIGHT
DHE	Acuity Brands Lighting	CLX LED L48 9000LM SEF FDL MVOLT G210 40K 80CRI WH / ZACVH M100	4" LED STRIP LIGHT
FL	Acuity Brands Lighting	DSX2 LED P2 4K 700CRI MSP MVOLT WCG2 DMHKK120	LED FLOOD LIGHT (FLAG POLE) PROVIDE WITH PITCH POCKET AT ROOF AND ADDITIONAL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
G1	TBD (NOTE 1)	PROVIDE BACKLIGHT MODEL CHARO-5.25 OR THE XAL MODEL PANO-5.25 / REFER TO NOTE 1	LED LINEAR LIGHT FOR PLANK CEILING (NOTE 1)
G1E	TBD (NOTE 1)	PROVIDE BACKLIGHT MODEL CHARO-5.25 OR THE XAL MODEL PANO-5.25 / REFER TO NOTE 1	LED LINEAR LIGHT FOR PLANK CEILING (NOTE 1)
G2	TBD (NOTE 2)	PROVIDE BACKLIGHT MODEL CHARO-5.25 OR THE XAL MODEL PANO-5.25 / REFER TO NOTE 2	LED LINEAR LIGHT FOR PLANK CEILING (NOTE 2)
G2E	TBD (NOTE 2)	PROVIDE BACKLIGHT MODEL CHARO-5.25 OR THE XAL MODEL PANO-5.25 / REFER TO NOTE 2	LED LINEAR LIGHT FOR PLANK CEILING (NOTE 2)
H	Acuity Brands Lighting	FEM LED L48 6000LM LPFC, 180 MVOLT G210 40K 80CRI VILN022 MHRK120	4" LED VAPOR TIGHT
HE	Acuity Brands Lighting	FEM LED L48 6000LM LPFC, 180 MVOLT G210 40K 80CRI E10WVCP WLEN022 MHRK120	4" LED VAPOR TIGHT
J	Acuity Brands Lighting	JCBL 1800M PLCR MVOLT G210 40K 80CRI PM WG DWHXD	LED HIGH-BAY
JE	Acuity Brands Lighting	JCBL 1800M PLCR MVOLT G210 40K 80CRI PM E10WCP WG DWHXD	LED HIGH-BAY
K	Acuity Brands Lighting	CPX 2X4 AL08 80CRI S1W7 SWL MVOLT	4" LED STRIP LIGHT
KE	Acuity Brands Lighting	CPX 2X4 AL08 80CRI S1W7 SWL MVOLT E10WVCP	4" LED STRIP LIGHT
L	Acuity Brands Lighting	CPX 2X2 AL07 80CRI S1W7 SWL MVOLT NLTAIR2 APDT	4" LED STRIP LIGHT
LE	Acuity Brands Lighting	CPX 2X2 AL07 80CRI S1W7 SWL MVOLT E10WLCP NLTAIR2 APDT	4" LED STRIP LIGHT
M	Acuity Brands Lighting	BLWP4 60L ADPT G210 LP840	4" LED SURFACE MOUNT FIXTURE
ME	Acuity Brands Lighting	BLWP4 60L ADPT G210 LP840	4" LED SURFACE MOUNT FIXTURE
N	Acuity Brands Lighting	CHAS1 C WH 8 / RB 90 SWS220 5.0 40 4lxw FA / DRW4249810P	8" LED RIBBON LIGHT IN CHANNEL WITH 96WATT DIMMING DRIVER
P	Acuity Brands Lighting	CHAS1 C WH 14 / RB 90 SWS220 5.0 40 4lxw FA / DRW4249810P	14" LED RIBBON LIGHT IN CHANNEL WITH 96 WATT DIMMING DRIVER
R	Lumina	LUM-120506-4000K (4'-34") / LUM-120506SEC / LUM-120506S-5FT	34" LED TAPE LIGHT, 120V, 4000K, DIMMING WITH ELV DIMMER, INSTALL USING LUM-120506CL MOUNTING CLIPS (VERIFY QUANTITY OF CLIPS)
V	Acuity Brands Lighting	FIMVCL5 48K MVOLT 90CRI BV	UNDER CABINET LIGHT - PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.
V	Acuity Brands Lighting	FIMVCL5 48K MVOLT 90CRI BV	VANITY LIGHT
W1	Acuity Brands Lighting	ARC2 LED P3 40K MVOLT E10WVCP	LED WALL MOUNT FIXTURE
W1E	Acuity Brands Lighting	ARC2 LED P3 40K MVOLT E10WVCP	LED WALL MOUNT FIXTURE
W2	Acuity Brands Lighting	WDG63 LED P3 40K 80CRI R3 MVOLT SRM AWS DMG PRIFRC3 M0600	LED WALL MOUNT FIXTURE, WITH B1BEVEL MOTION SENSOR, MOUNT 18" AFF
X1	Dual-Life	LESCSRNEM ("CONTRACTOR TO SPECIFY CHEVRON LOCATIONS AND VERIFY CEILING OR WALL MOUNT)	EDGE LIT EXIT SIGN, NI-CAD BATTERY, SINGLE FACE, SELF DIAGNOSTICS
X1W	Dual-Life	LESCSRNEM ("CONTRACTOR TO SPECIFY CHEVRON LOCATIONS AND VERIFY CEILING OR WALL MOUNT) PROVIDE WITH #WGA2 FACTORY WIRE GUARD	EDGE LIT EXIT SIGN, NI-CAD BATTERY, SINGLE FACE, SELF DIAGNOSTICS, WIRE GUARD
X2	Dual-Life	LESCSRNEM ("CONTRACTOR TO SPECIFY CHEVRON LOCATIONS AND VERIFY CEILING OR WALL MOUNT)	EDGE LIT EXIT SIGN, NI-CAD BATTERY, DOUBLE FACE, SELF DIAGNOSTICS

LIGHTING FIXTURE NOTES:

- FIXTURE TYPE G1 AND G1E TO BE ONE OF THE FOLLOWING FIXTURE TYPES SUITABLE FOR INSTALLATION INTO AN ARMSTRONG CEILING SYSTEM:
 - BACKLIGHT MODEL CHARO-5.25 / 5.25 x 47" LINEAR LED / 34 WATT / 4000 LUMEN / 4000K / MVOLT / 0-10V DIMMING / CRI 80 /
 - XAL MODEL PANO-5.25 / 5.25 x 47" LINEAR LED / 34 WATT / 4000 LUMEN / 4000K / MVOLT / 0-10V DIMMING / CRI 80 /
- FIXTURE TYPE G2 AND G2E TO BE ONE OF THE FOLLOWING FIXTURE TYPES SUITABLE FOR INSTALLATION INTO AN ARMSTRONG CEILING SYSTEM:
 - BACKLIGHT MODEL CHARO-5.25 / 5.25 x 47" LINEAR LED / 87 WATT / 8000 LUMEN / 4000K / MVOLT / 0-10V DIMMING / CRI 80 /
 - XAL MODEL PANO-5.25 / 5.25 x 47" LINEAR LED / 87 WATT / 8000 LUMEN / 4000K / MVOLT / 0-10V DIMMING / CRI 80 /

EMERGENCY RESPONDER RADIO TESTING

EMERGENCY RESPONDER RADIO COVERAGE TESTING IS TO BE CONDUCTED BY THE CONTRACTOR AS REQUIRED BY IFC SECTION 510 AT 50% AND 80% COMPLETION TO ENSURE THAT THE BUILDING'S CERTIFICATE OF OCCUPANCY IS NOT HELD UP AT A LATER DATE. COORDINATE ALL TESTING WITH THE LOCAL FIRE MARSHAL. CONTRACTOR IS TO INCLUDE \$1000 IN HIS BID FOR LABOR TIME ASSOCIATED WITH THIS TESTING. NOTE THAT THIS MONEY IS TO BE CREDITED BACK TO THE OWNER AT PROJECT CONCLUSION IF TESTING IS NOT REQUIRED. ALSO NOTE THAT EQUIPMENT FOR SIGNAL BOOSTING IS NOT INCLUDED IN THE CONTRACT AND WILL BE A CHANGE ORDER ADD TO THE CONTRACT IF REQUIRED IN WRITING BY THE FIRE MARSHAL'S OFFICE.

LIGHTING CONTROL PANEL NOTES

- ACUITY BRAND LIGHTING:
- "HL" MODEL #ARP INTENC16 NLT - 16CR - MVOLT - 2VB / HLK - SM - DTC / NIO PC KIT / ARP DTC BRKT
- CONTRACTOR TO INSTALL 0-10V DIMMING WIRING TO ALL CONNECTED FIXTURES.
 - PROVIDE NON-SWITCHED CIRCUITS TO INVERTER. FOR EMERGENCY CIRCUITING TO EXTERIOR FIXTURES.
 - FIELD INSTALL 2 POLE OR 3 POLE BRIDGING CLIPS AS REQUIRED FOR 2 AND 3 POLE LOADS.

INVERTER NOTES

- ALL INVERTERS TO BE ISOLITE MODEL #3MIN AS LISTED BELOW:
- INV-1 - TO BE A ISOLITE MODEL #3MIN-125-LC-MCG-FDRIT (T-BAR MOUNTED)
 - INV-2 - TO BE A ISOLITE MODEL #3MIN-125-LC-MB-FDRIT (WALL MOUNTED)
- CONTRACTOR TO INSTALL 0-10V DIMMING WIRING TO ALL CONNECTED FIXTURES.

RC SHEET LIST - ELECTRICAL

NUMBER	NAME
E1.01	RC Electrical Project Schedules and Notes
E1.02	RC Fire Alarm / Security Notes and Details
E1.03	RC Firestop Details
E1.04	RC Communication Riser Diagram
E1.05	RC Electrical Riser Diagram and Switchboard Schedule
E1.06	RC Panel Schedules
E1.11	RC Entrance Level Lighting Plan
E1.12	RC Upper Level Lighting Plan
E1.21	RC Entrance Level Power Plan
E1.22	RC Upper Level Power Plan
E1.31	RC Entrance Level Fire Alarm Plan
E1.32	RC Upper Level Fire Alarm Plan
E1.33	RC Roof Fire Alarm Plan
E1.41	RC Entrance Level HVAC Power Plan
E1.42	RC Upper Level HVAC Power Plan
E1.43	RC Roof HVAC Power Plan
E1.50	RC Electrical Site Plan

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GREGG SIMS
 PROFESSIONAL ENGINEER
 LICENSE NO. 39815
 02-17-2024
 STEVEN B. SABALY

DALTON RECREATION

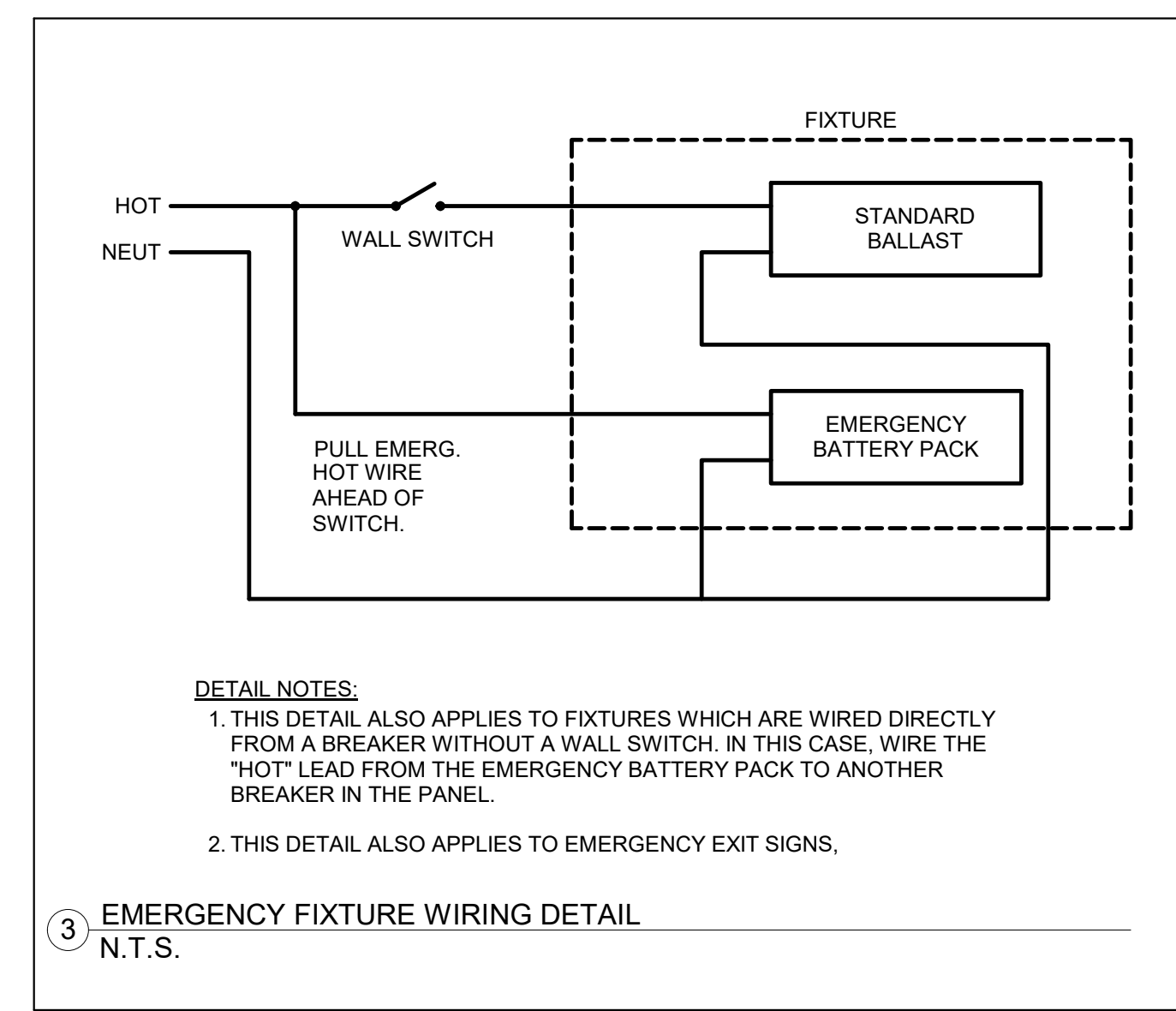
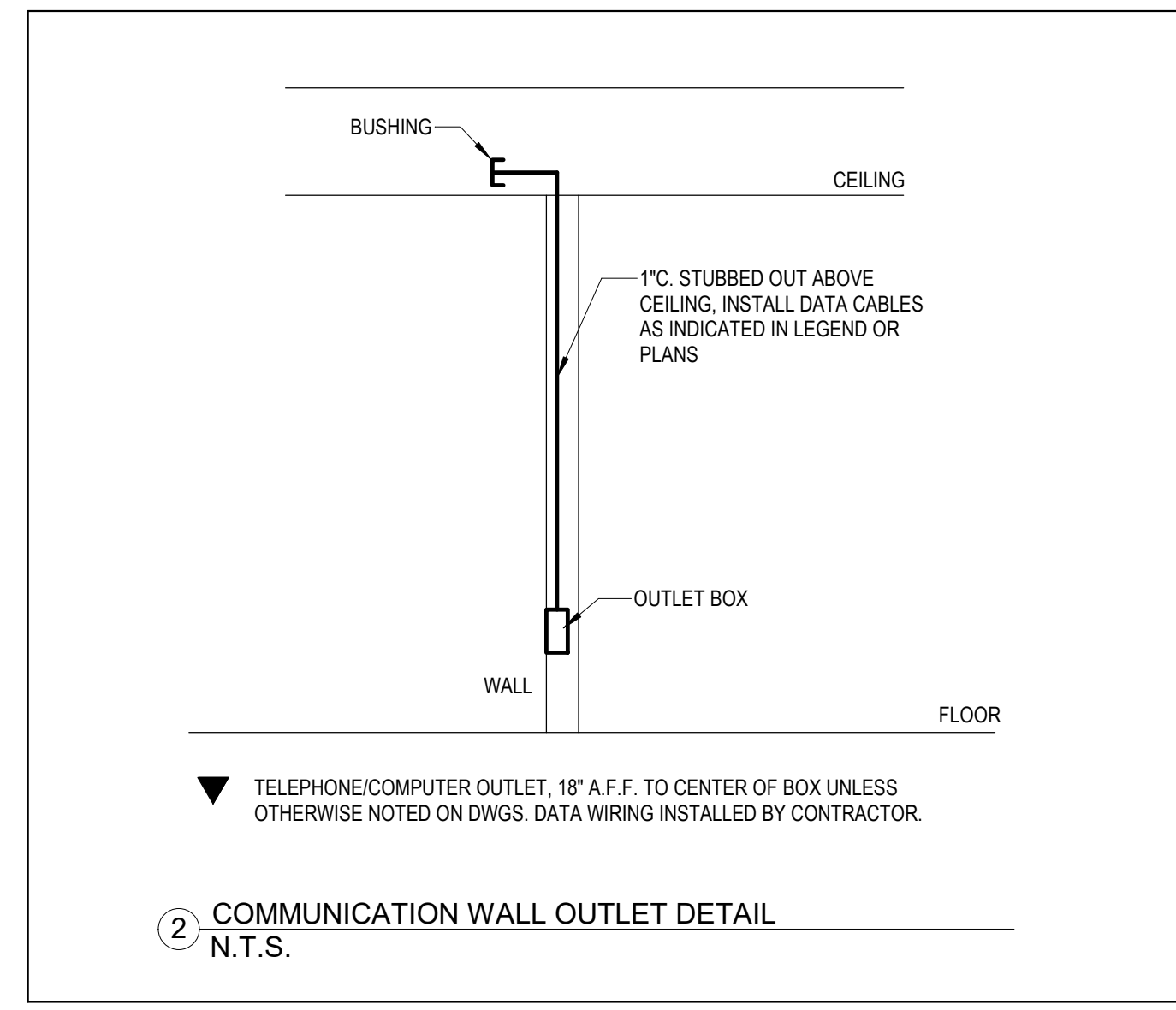
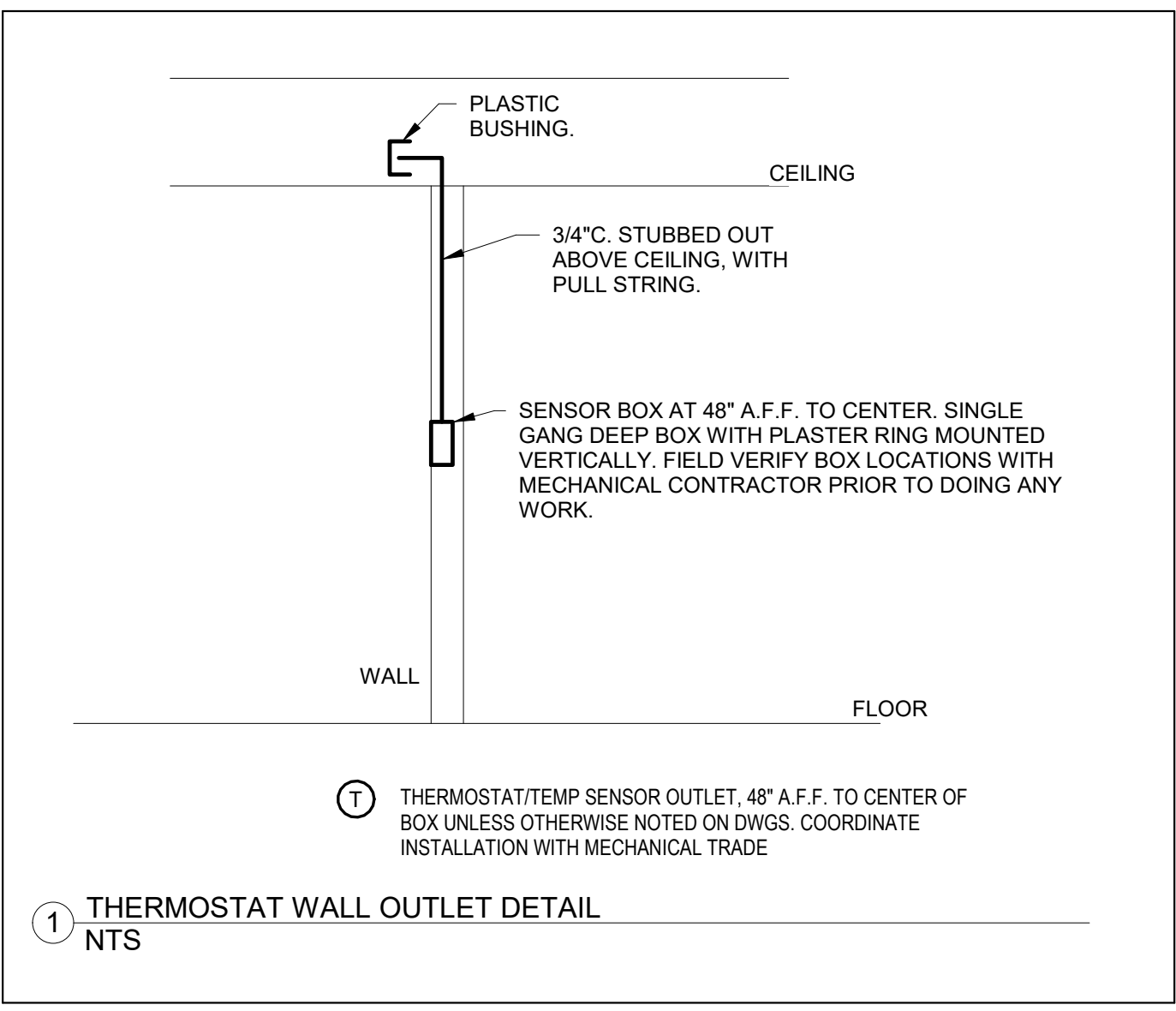
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RC Electrical Project Schedules and Notes

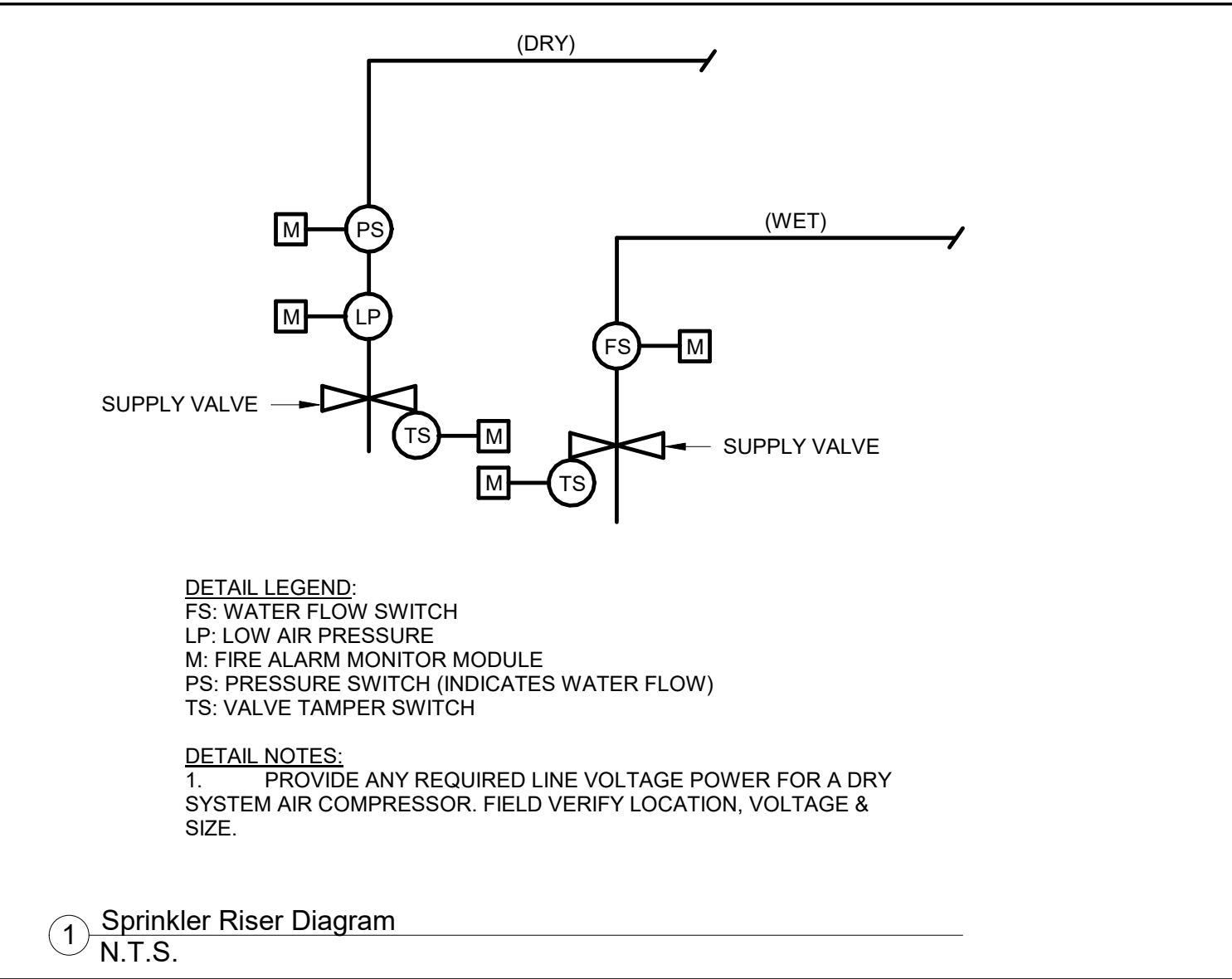
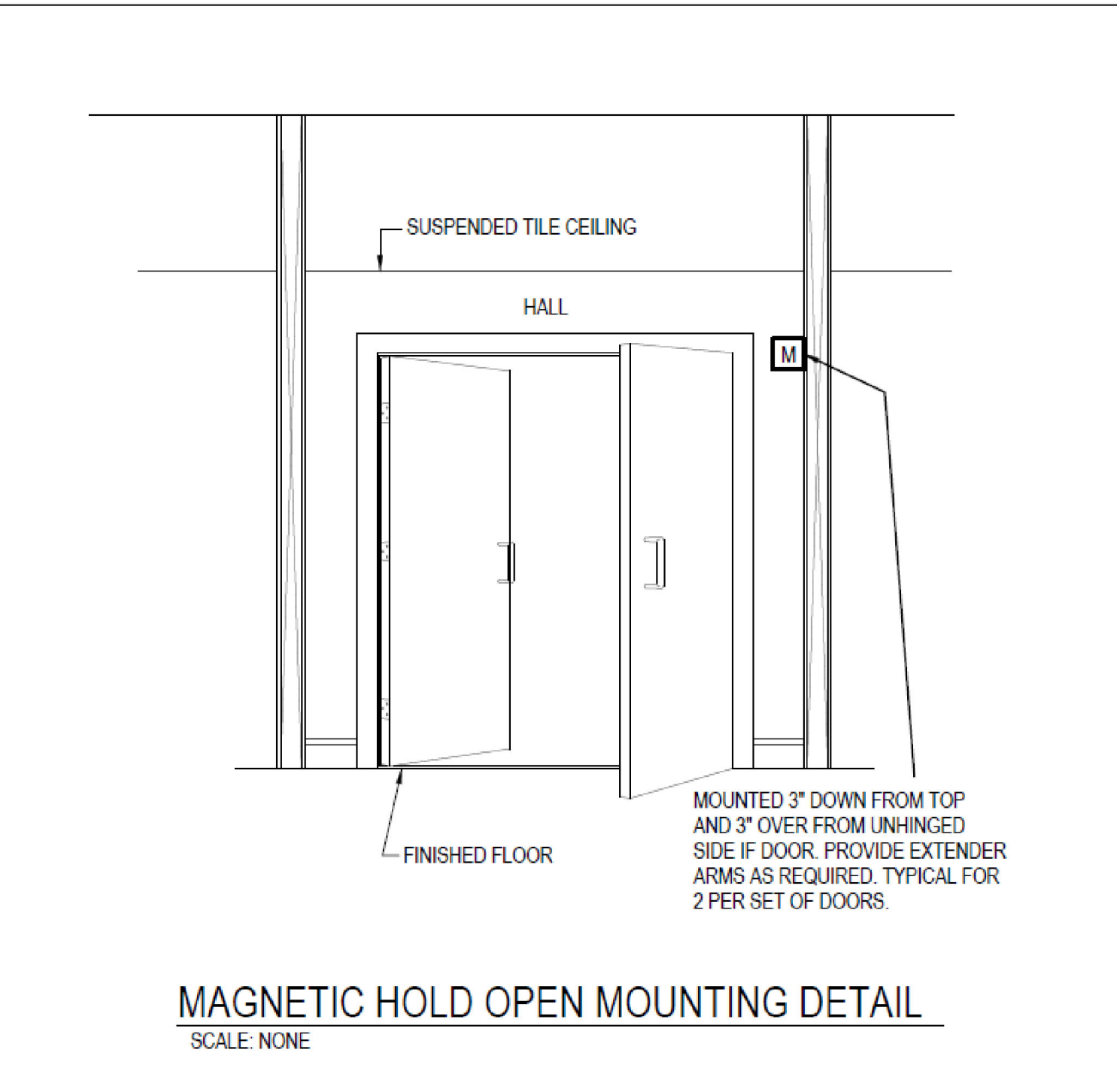
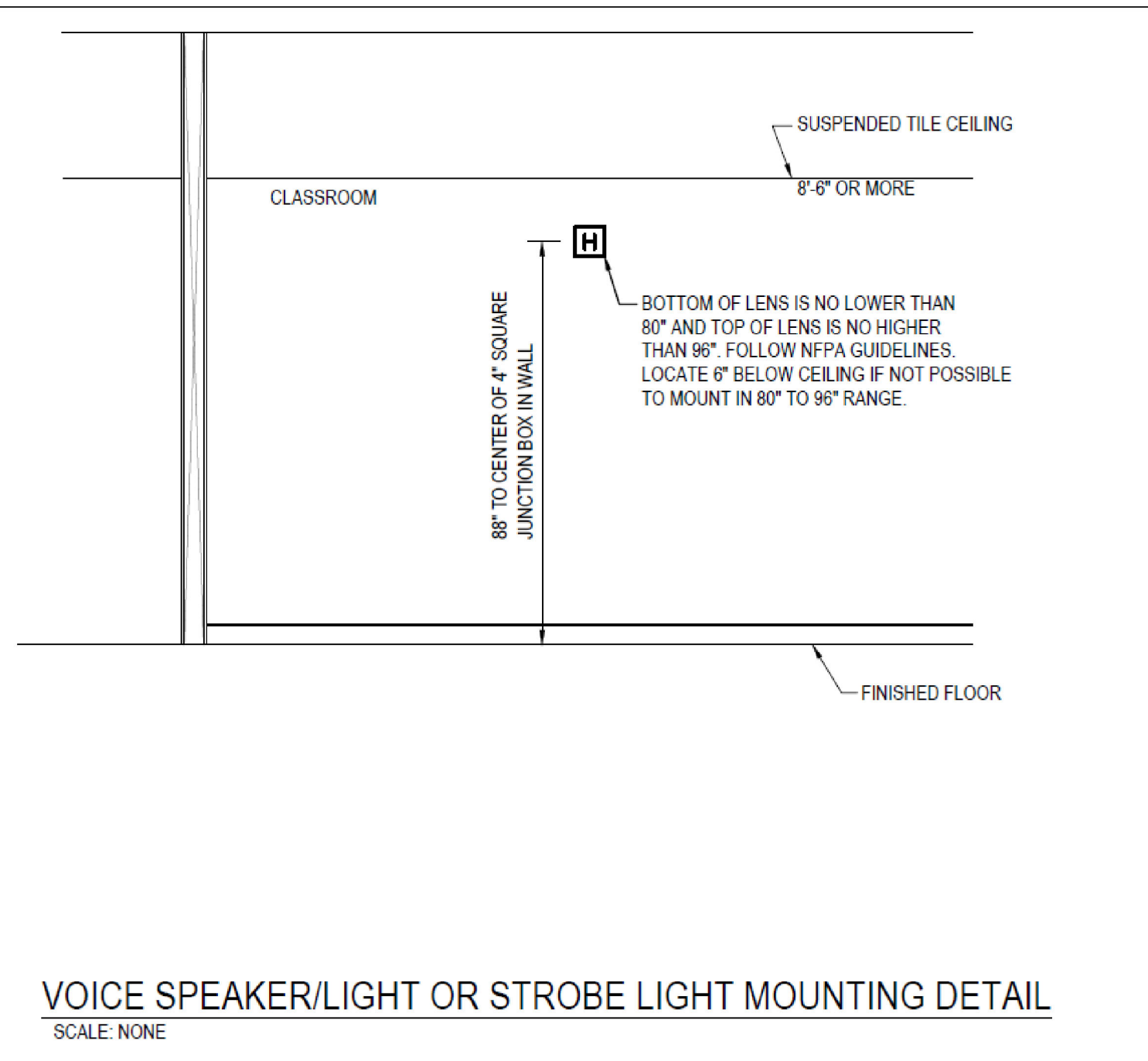
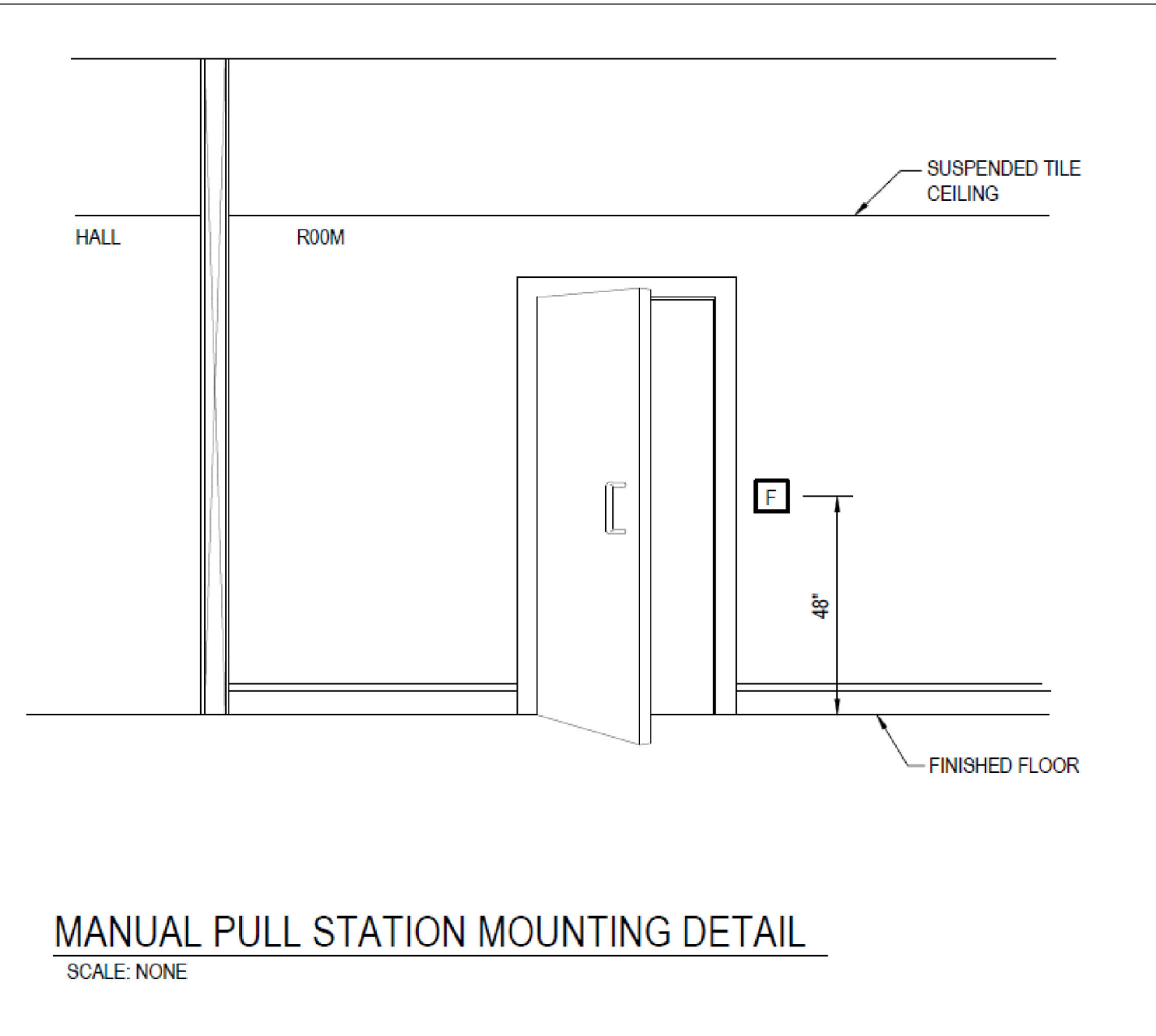
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REDEVELOPMENT OF THE JOHN DAVIS RECREATION CENTER CITY OF DALTON
 304 CIVIC DRIVE
 dalton, georgia 30720

E1.01



DETAIL NOTES:
 1 THIS DETAIL ALSO APPLIES TO FIXTURES WHICH ARE WIRED DIRECTLY FROM A BREAKER WITHOUT A WALL SWITCH. IN THIS CASE, WIRE THE "HOT" LEAD FROM THE EMERGENCY BATTERY PACK TO ANOTHER BREAKER IN THE PANEL.
 2 THIS DETAIL ALSO APPLIES TO EMERGENCY EXIT SIGNS.



FIRE ALARM SYSTEM NOTES

- GENERAL:**
- THE FIRE ALARM SYSTEM IS TO BE A NON-PROPRIETARY, INTELLIGENT, FULLY POINT ADDRESSABLE PANEL WITH DRIFT COMPENSATION AND SENSITIVITY TESTING CAPABILITIES. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE ALL SHOP DRAWINGS, PERMITS, AND INSPECTIONS ASSOCIATED WITH THE FIRE ALARM SYSTEM TO THE FIRE MARSHALS OFFICE FOR REVIEW AND APPROVAL BEFORE WORK BEGINS. THE FIRE ALARM SYSTEM MUST BE INSTALLED BY A CONTRACTOR WHOM IS CERTIFIED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES. CALL FIRE MARSHALS OFFICE FOR ONSITE DURING INSTALLATION. RECORD OF COMPLIANCE WILL BE REQUIRED.
 - PROVIDE BATTERY BACKUP FOR FIRE ALARM PANEL. BATTERY TO BE CAPABLE OF GENERATING FULL ALARM FOR 5 MINUTES AFTER A PERIOD OF 24 HRS OF CONTINUOUS POWER OUTAGE. SUBMIT BATTERY CALC'S WITH SHOP DRAWINGS FOR ENGINEER REVIEW.
 - SURGE SUPPRESSION SHALL BE SUPPLIED AT ALL LOCATIONS WHERE FIRE ALARM CABLING EXITS OR ENTERS THE BUILDING.
 - PROVIDE SYNCHRONIZATION MODULE AND CONNECT TO ALL STROBE LIGHTS. PANEL MUST BE ABLE TO FLASH LIGHTS WHILE SILENCING HORNS OR SPEAKERS.
 - PANEL TO HAVE SEPARATE LOGS FOR TROUBLE AND ALARM EVENTS. REJECTABLE ITEM.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE WRITTEN RESULTS OF SENSITIVITY TESTING OF ALL FIRE ALARM DETECTION DEVICES TO THE LOCAL FIRE MARSHALL AND THE OWNER.
 - POWER BOOSTERS AND EXTENDERS FOR FIRE ALARM (NAC DEVICES) ARE TO BE PROVIDED AS REQUIRED.
 - SYSTEM IS TO BE PROVIDED WITH UNIVERSAL DIGITAL ALARM COMMUNICATOR (UDACT) FOR OFF SITE ALARM NOTIFICATION AND MONITORING. UDACT TO PROVIDE INDIVIDUAL POINT ANNUNCIATION. THE OWNER IS RESPONSIBLE FOR SECURING THE ACTUAL SERVICE. OWNER WILL BRING PHONE LINES TO PANEL.
 - CONTRACTOR TO PROVIDE DITEK SURGE PROTECTION ON BOTH 120V & TELEPHONE LINE. PROVIDE DITEK #DTK-120S20A FOR 120V & DITEK #DTK-MRJ31XSCPWP. PROVIDE SHOP DRAWING CUT SHEETS FOR REVIEW. THIS IS A REJECTABLE ITEM.
 - PROVIDE A COMPLETE FIRE ALARM SYSTEM FOR THE BUILDING AS SHOWN PER THE DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH NFPA 101 LIFE SAFETY CODE AND INTERNATIONAL BUILDING CODE.
 - ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM.
 - THE FIRE ALARM CONTRACTOR MUST BE CERTIFIED IN ACCORDANCE WITH ACCORDANCE WITH ALL STATE AND LOCAL CODES.
 - THE FIRE ALARM CONTROL PANEL CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS 'FIRE ALARM CIRCUIT'. THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.

- DEVICES:**
- NOTIFICATION DEVICES TO BE RED IN COLOR.
 - ALL NOTIFICATION DEVICES ARE TO BE OF SAME MANUFACTURER AS FIRE ALARM CONTROL PANEL UNLESS OTHERWISE INDICATED BY PART NUMBERS ON DRAWING.
 - THE FIRE ALARM CONTRACTOR SHALL PROVIDE ALL HVAC DUCT DETECTORS TO MATCH FIRE ALARM SYSTEM. HE SHALL INSTALL ALL DUCT DETECTORS AND TIE THEM TO THE FACP. COORDINATE LOCATIONS WITH MECHANICAL & CONTROLS CONTRACTORS. HE SHALL CONTRACT WITH THE MECHANICAL CONTROLS CONTRACTOR TO WIRE THE HVAC UNIT SHUTDOWN TO THE DUCT DETECTOR. ELECTRICAL CONTRACTOR IS SOLELY RESPONSIBLE FOR DUCT DETECTOR WORK. PROVIDE WALL MOUNTED TEST SWITCH FOR DEVICE AT LOCATION DIRECTED BY FACILITIES MANAGER. ALL HVAC UNITS RATED OVER 2000 CFM OR UNITS SERVING AN EGRESS CORRIDOR ARE TO HAVE ONE DUCT DETECTOR LOCATED ON THE RETURN SIDE. UNITS OVER 15,000 CFM TO HAVE TWO DEVICES.
 - ANY HOLD OPEN DEVICES ARE TO BE ELECTROMAGNETIC. PROVIDE RECESSED BOXES & EXTENDERS AS REQUIRED. FLOOR MOUNTED UNITS ARE INDICATED ON THE DRAWINGS.
 - TO ENSURE THAT EACH SMOKE DETECTOR IS OPERATIVE. ALL CEILING AND AIR DUCT SMOKE DETECTORS SHALL BE TESTED IN PLACE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. SENSITIVITY SHALL ALSO BE DETERMINED FOR EACH SMOKE DETECTOR IN ACCORDANCE WITH NFPA-72. A CERTIFICATION REPORT SIGNED BY THE INSTALLING CONTRACTOR SHALL BE SUBMITTED AT THE FINAL INSPECTION LISTING EACH SMOKE DETECTOR AND THE TEST METHOD USED TO OBTAIN THE MANUFACTURER'S CALIBRATED SENSITIVITY. INSTALLING CONTRACTOR TO PROVIDE ALL SHOP DRAWINGS FOR APPROVALS, PERMITS, INSPECTIONS AND TEST ENTIRE SYSTEM AND PROVIDE OWNER WITH AFFIDAVIT OF CERTIFICATION OF INSPECTION AND TESTING.

- INSTALLATION:**
- FIRE ALARM PULL BOXES MUST BE MOUNTED AT A MAXIMUM OF 54" A.F.F. FOR SIDE APPROACH AND 48" A.F.F. FOR FORWARD APPROACH.
 - ALL WALL MOUNTED NOTIFICATION DEVICES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS NOT LESS THAN 80" A.F.F. AND NOT GREATER THAN 96" A.F.F.
 - VERIFY LOCATIONS AND HEIGHTS OF ALL FIRE ALARM DEVICES WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
 - IN ACCORDANCE WITH NFPA-72, A.2.3, 5.1. NO SMOKE DETECTORS ARE TO BE LOCATED WITHIN 3FT OF A SUPPLY OR RETURN HVAC GRILL OR NOT IN THE PATH OF DIRECT AIR DISCHARGE FROM A SIDE WALL MOUNTED GRILL.
 - PROVIDE FOR EACH DEVICE OUTLET BOXES, BACKBONES, CONDUIT STUBS TO ABOVE CEILINGS. ALL WIRING ABOVE CEILING AREA IS TO BE INSTALLED IN WIRE WAYS OR MANAGED BY WIRING HOOKS AND STRAPS. ETC. NO WIRING IS TO BE RUN ON THE CEILING STRUCTURE. ZIP TIES ARE TO BE PLENUM RATED. ROUTE ALL WIRING PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE.
 - PROVIDE FIRE ALARM CONNECTIONS ANY FIRE/SMOKE DAMPERS SHOWN ON THE MECHANICAL PLANS.

- SHOP DRAWINGS:**
- CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
 - SHOPS DRAWINGS MUST INCLUDE ALL DEVICES FOR SYSTEM AND PLANS SHOWING THE COMPLETE DESIGN OF THE SYSTEM.
 - IMPORTANT NOTE: SUBMIT MANUFACTURES PUBLISHED PRICE LIST WITH SHOP DRAWINGS. ALSO INCLUDE LETTER STATING THAT THE FIRE ALARM CONTROL PANEL AND 100% OF THE INITIATION DEVICES ARE TO BE TESTED ONCE DURING THE WARRANTY PERIOD. THIS TEST IS TO BE INDEPENDENT OF ANY TEST DONE AT STARTUP AND SYSTEM CERTIFICATION. ALL SHOP DRAWINGS NOT CONTAINING THESE TWO ITEMS WILL BE REJECTED WITHOUT REVIEW.

FIRE ALARM BID NOTES

- CONTRACTOR IS TO SUBMIT MANUFACTURES PUBLISHED PRICE LIST WITH SHOP DRAWINGS. ALSO INCLUDE LETTER STATING THAT THE FIRE ALARM CONTROL PANEL AND 100% OF THE INITIATION DEVICES ARE TO BE TESTED ONCE DURING THE WARRANTY PERIOD. THIS TEST IS TO BE INDEPENDENT OF ANY TEST DONE AT STARTUP AND SYSTEM CERTIFICATION. ALL SHOP DRAWINGS NOT CONTAINING THESE TWO ITEMS WILL BE REJECTED WITHOUT REVIEW.

FIRE ALARM SYSTEM MAINTENANCE

- ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM.

KNOX BOX

- KNOX BOX: FIELD COORDINATE REQUIREMENTS WITH DALTON FIRE DEPARTMENT.

FIRE ALARM SYMBOLS LEGEND

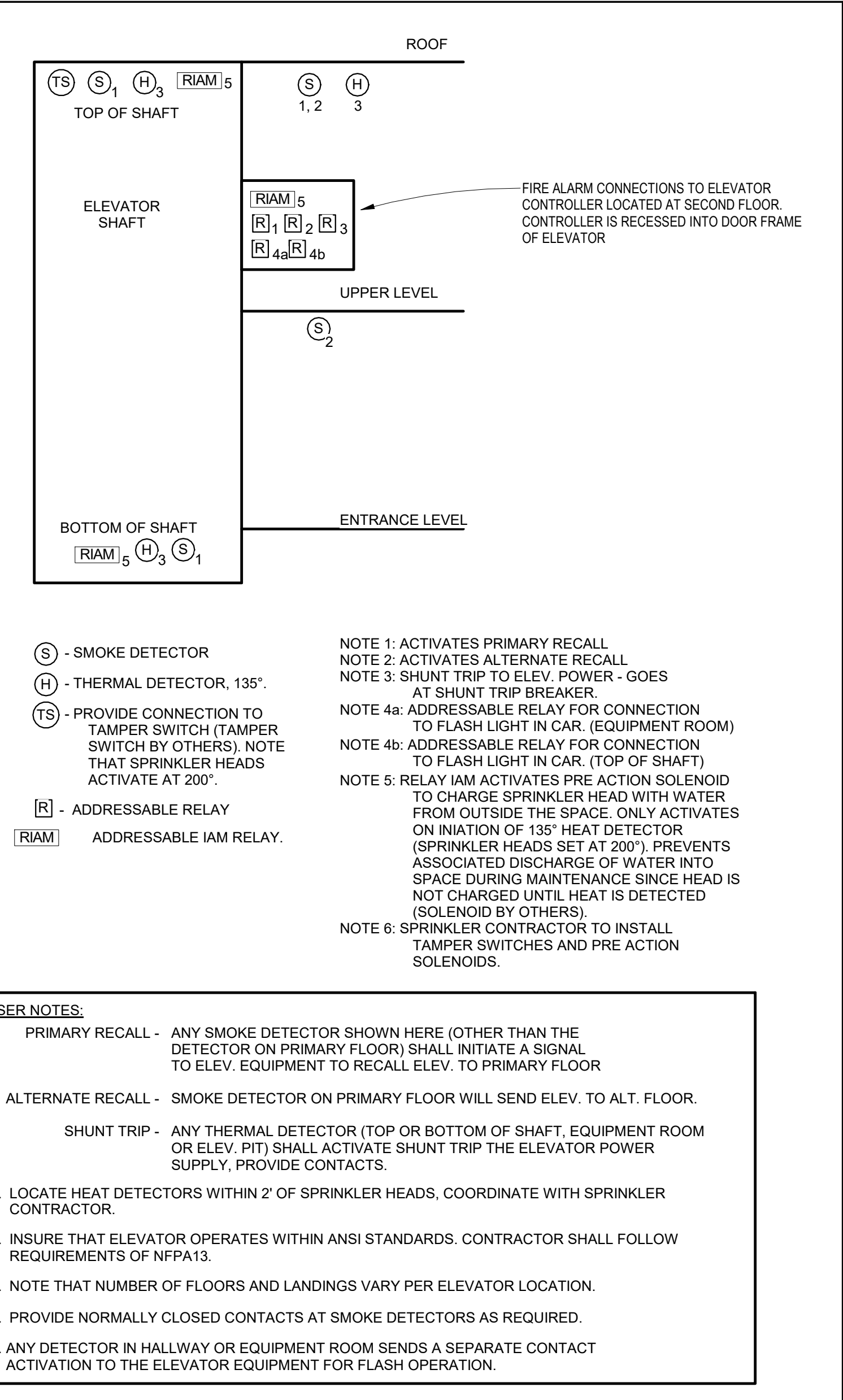
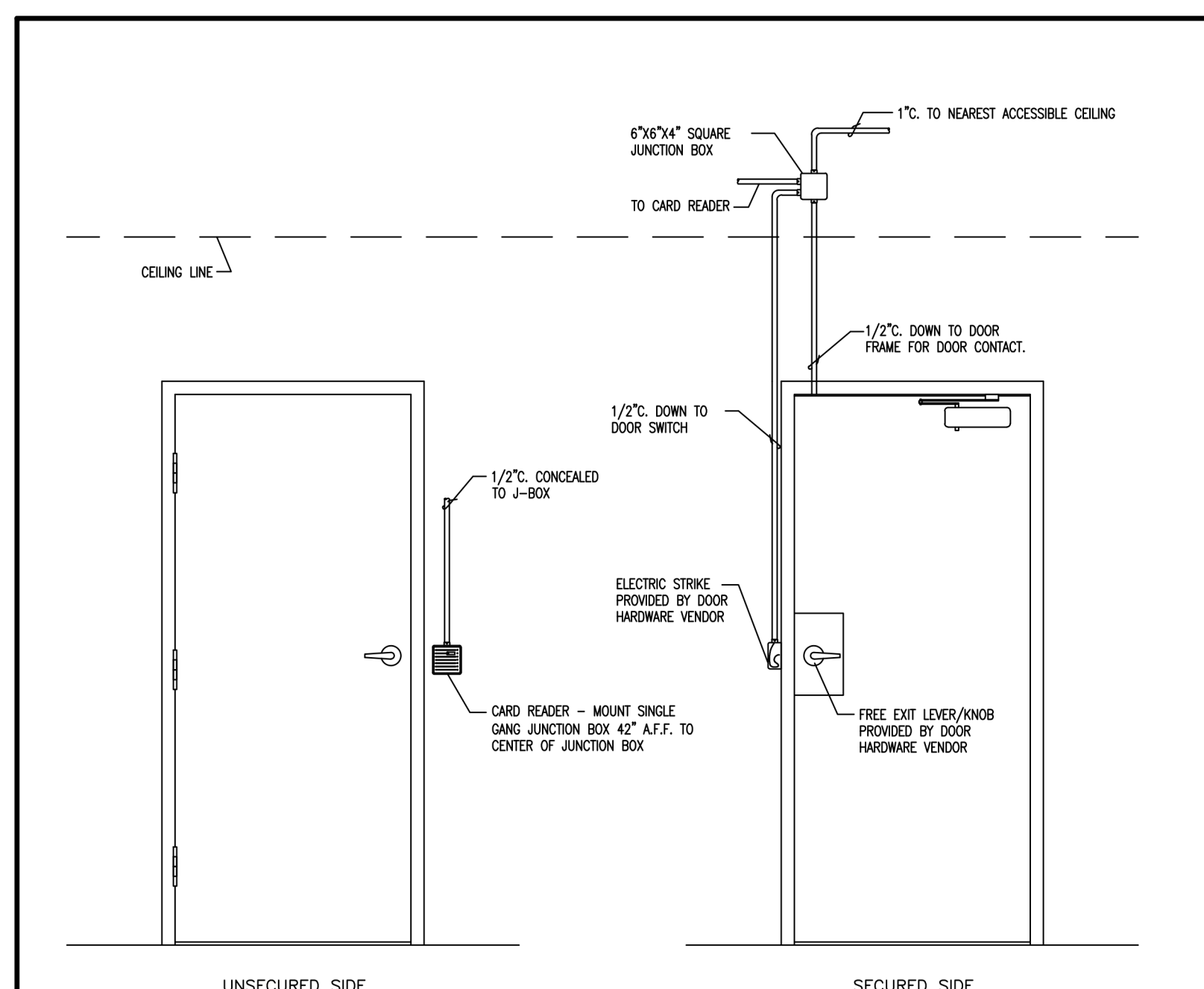
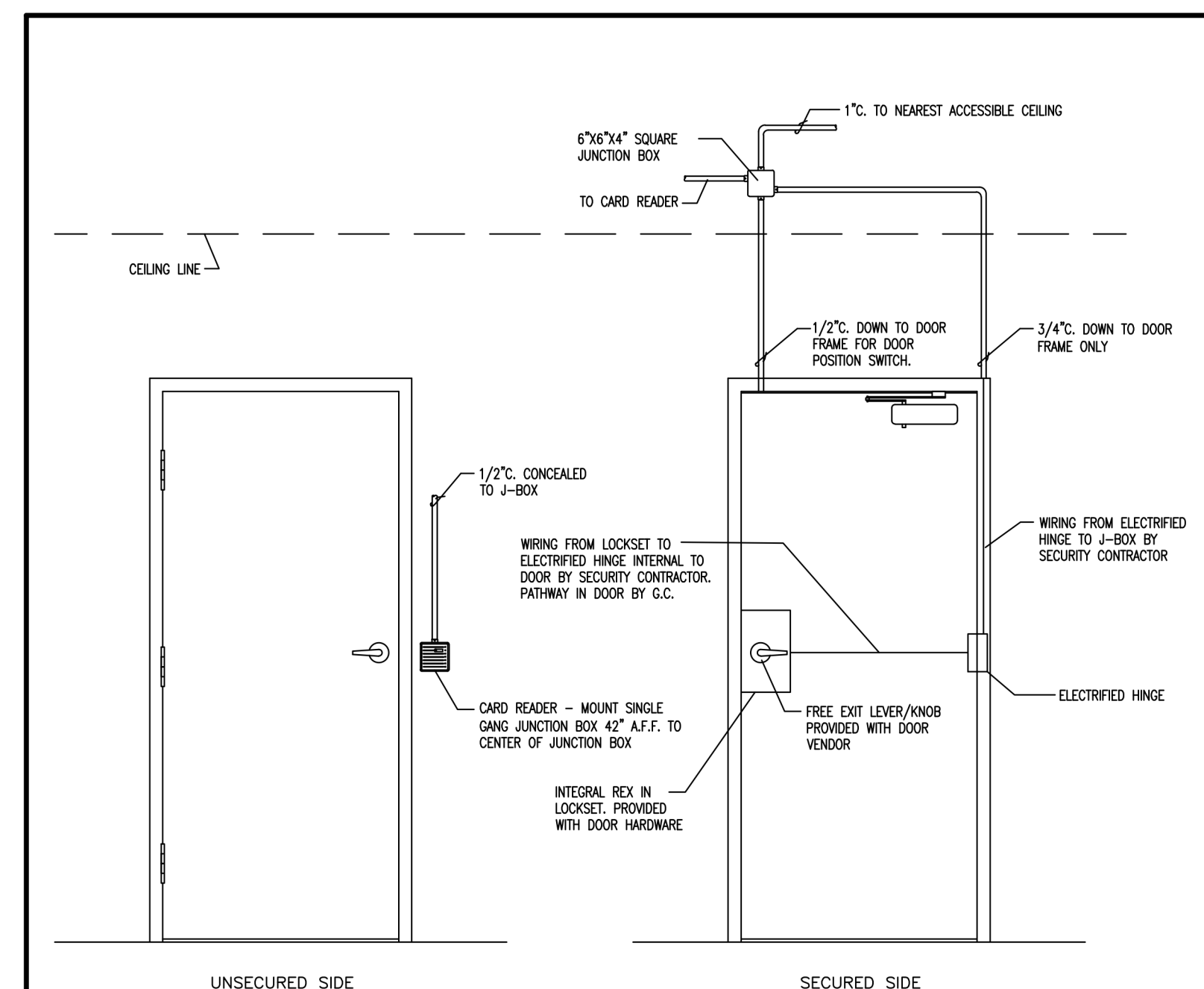
FACP	FIRE ALARM CONTROL PANEL (NON-PROPRIETARY) INTELLIGENT/ADDRESSABLE WITH SENSITIVITY TESTING AND DRIFT COMPENSATION.
ANPP	FIRE ALARM ANNUNCIATOR PANEL. THIS DEVICE IS TO LIST POINT IN ALARM.
I	INTELLIGENT, MANUAL PULL STATION. SINGLE ACTION.
S	STROBE ONLY DEVICE. WHITE. CANDELA AS SHOWN ON PLANS.
H	DOOR HOLD OPEN DEVICE.
V	VOICE/STROBE DEVICE. WHITE. CANDELA AS SHOWN ON PLANS.
M	MINI-HORN. SYSTEM DEVICE. WHITE.
S	INTELLIGENT, PHOTOELECTRIC SMOKE DETECTOR.
M	AUDIBLE ONLY DEVICE.
H	HEAT DETECTOR, FIXED TEMPERATURE OR RATE OF RISE.
CO	CARBON MONOXIDE DETECTOR. SYSTEM DEVICE. DEVICES TO BE LOCATED IN ALL ROOMS WITH FUEL BURNING EQUIPMENT, APPLIANCES OR FIREPLACES. CO DETECTORS MUST PROVIDE A LOCAL ALARM WITHIN THE ROOM AND A SUPERVISORY ALARM AT THE FIRE ALARM CONTROL PANEL.
CO	COMBINATION SMOKE DETECTOR AND CARBON MONOXIDE DETECTOR. SYSTEM DEVICE.
DD	DUCT MOUNTED SMOKE DETECTOR. DEVICE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. CONTRACTOR SHALL WIRE DEVICES TO FIRE ALARM CONTROL PANEL. DEVICES ARE TO BE SUPERVISORY ONLY. CONTRACTOR SHALL ALSO COORDINATE WITH THE MECHANICAL CONTRACTOR FOR CONTROL WIRING SO THAT THE DEVICES WITH SHUT DOWN THE UNIT THEY MONITOR. MOUNT DEVICE IN RETURN AIR DUCT.
MOD	MONITOR MODULES FOR FIRE PUMP.
TS	SPRINKLER VALVE TAMPER SWITCH.
TS	SPRINKLER WATER FLOW SWITCH. ONE LOCATED ON EVERY FLOOR. FIELD COORDINATE ALL LOCATIONS WITH THE SPRINKLER CONTRACTOR. SWITCHES MUST BE SET TO ACTIVATE A GENERAL ALARM WITH 30 TO 60 SECONDS AFTER WATER FLOW.
PIV	POST INDICATOR VALVE. ELECTRONIC MONITORING IS NOT REQUIRED. CHAINS & LOCKS ARE REQUIRED. FIELD VERIFY LOCATION ON SITE.
FSD	FIRE/SMOKE DAMPER.
PS	FIRE ALARM SYSTEM POWER SUPPLY.

- LEGEND NOTES:**
- ALL HORNS, CHIMES AND STROBE LIGHTS TO BE RED.
 - ALL SPEAKER/STROBES TO BE 2 WIRE WITH ABILITY TO TURN OFF HORNS & CHIMES WHILE LIGHTS STILL FLASH.
 - FIRE ALARM CONTRACTOR IS TO DETERMINE CANDELA RATINGS IN ACCORDANCE WITH CODE.
 - FIRE ALARM CONTRACTOR IS TO FIELD VERIFY ALL SPRINKLER SYSTEM CHECK VALVES WITH SPRINKLER CONTRACTOR AND PROVIDE A TAMPER SWITCH AT EACH LOCATION.
 - CONTRACTOR IS TO VERIFY REQUIREMENTS FOR CO DETECTION WITH THE AHJ PRIOR TO ANY WORK.

SECURITY/ACCESS CONTROL SYMBOLS LEGEND

DL	INDICATES DOOR LOCK / ELECTRIC STRIKE - VERIFY TYPE WITH DOOR HARDWARE
DC	DOOR CONTACT (DOOR POSITION SWITCH)
CR	CARD READER
SC	SECURITY CAMERA.
HC	HANDICAP DOOR PUSHPAD
RX	REQUEST TO EXIT DEVICE
ADO	AUTOMATIC DOOR OPERATOR

- SECURITY NOTES:**
- CONTRACTOR TO PROVIDE ROUGH-IN OF BOXES AND CONDUIT FOR SECURITY DEVICES (ACCESS CONTROL, DOORS, SECURITY CAMERAS, ETC)
 - SECURITY DEVICES, WIRING AND INSTALLATION OF DEVICES TO BE BY OWNERS SECURITY CONTRACTOR



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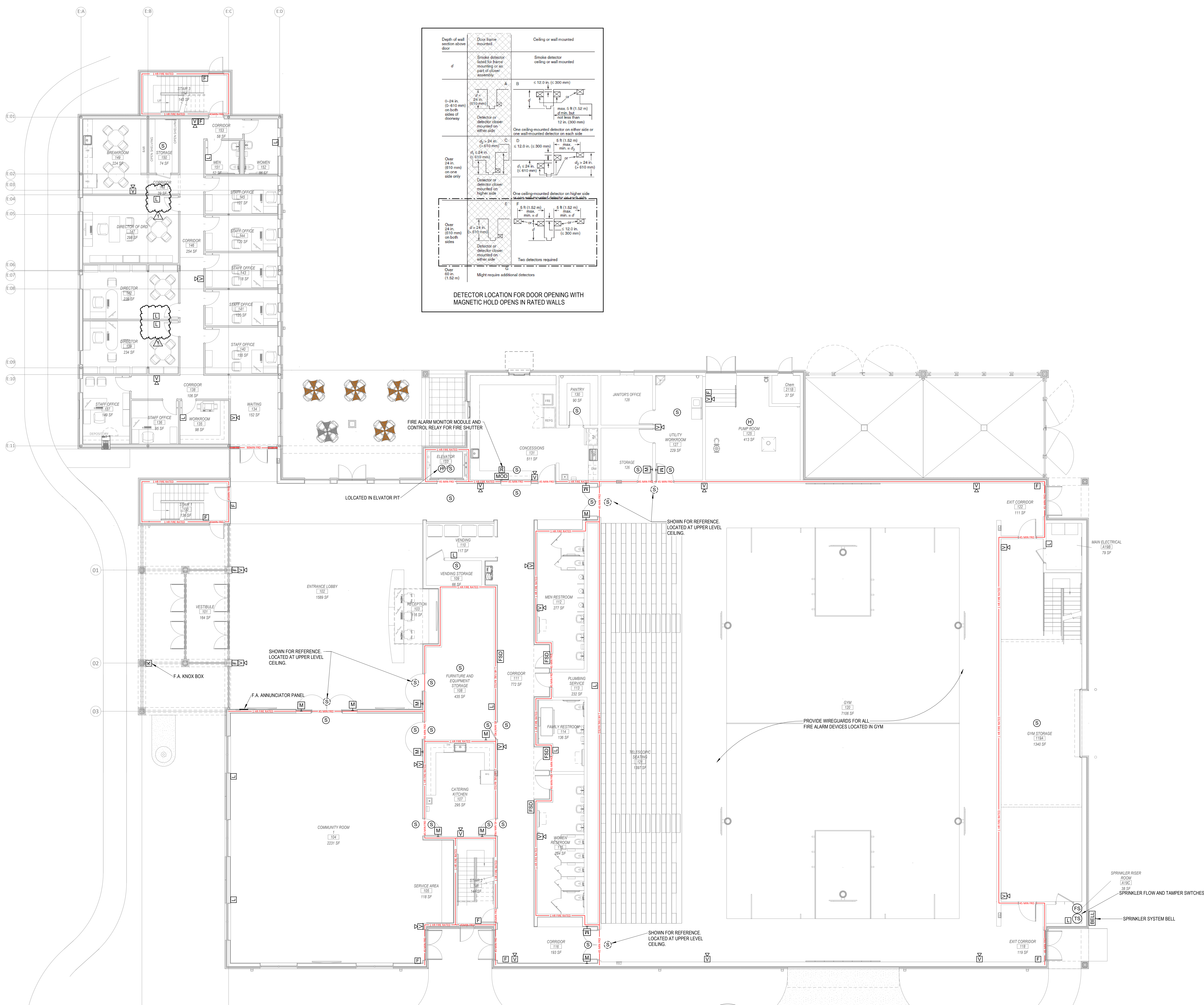
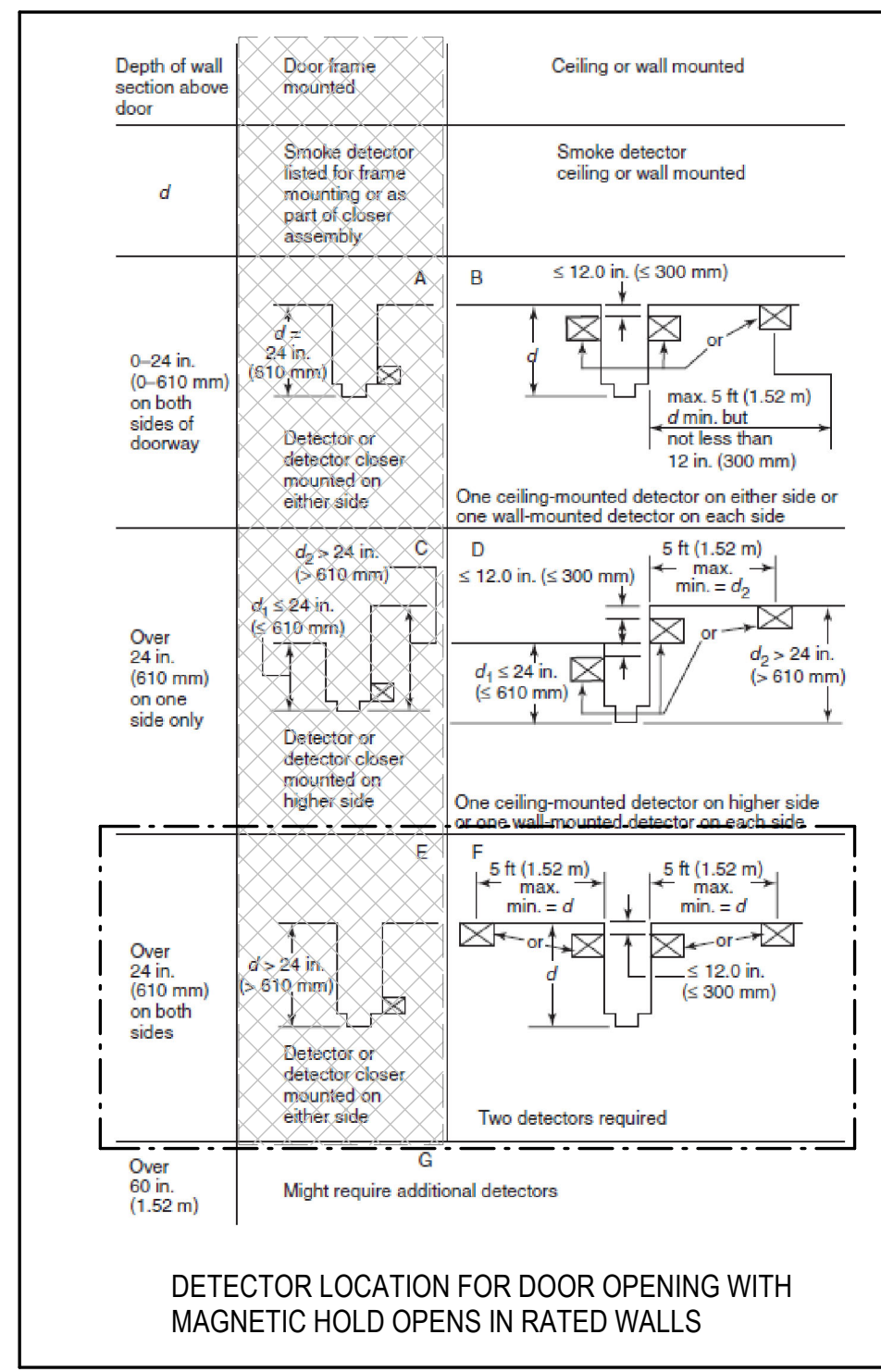
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PROFESSIONAL SEAL
ENGINEER
STEVEN B. SABALNY
02-17-2024

DALTON
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REDEVELOPMENT OF THE JOHN DAVIS RECREATION CENTER
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VOICE: 706-226-0776 | FACSIMILE: 706-226-1111 | gsim@greggsims.com

E1.02



Fire Rated Walls
1-Hour Fire-Rated 8" CMU Wall, Bearing and Non-Bearing With 1/2" Insulation w/ 1" Air Space With Brick Veneer
1-Hour Fire-Rated CMU Wall, Bearing and Non-Bearing With GB On Furring
2-Hour Fire-Rated GB MF, Non-Bearing
1-Hour Fire-Rated Gypsum Board and Metal Framing, Non-Bearing

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 310 Dodds Ave. P. O. Box 3689 Chattanooga, Tennessee 37404 (423) 698 6675

GREGG SIMS ARCHITECT
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 STEVEN B. SABALNY



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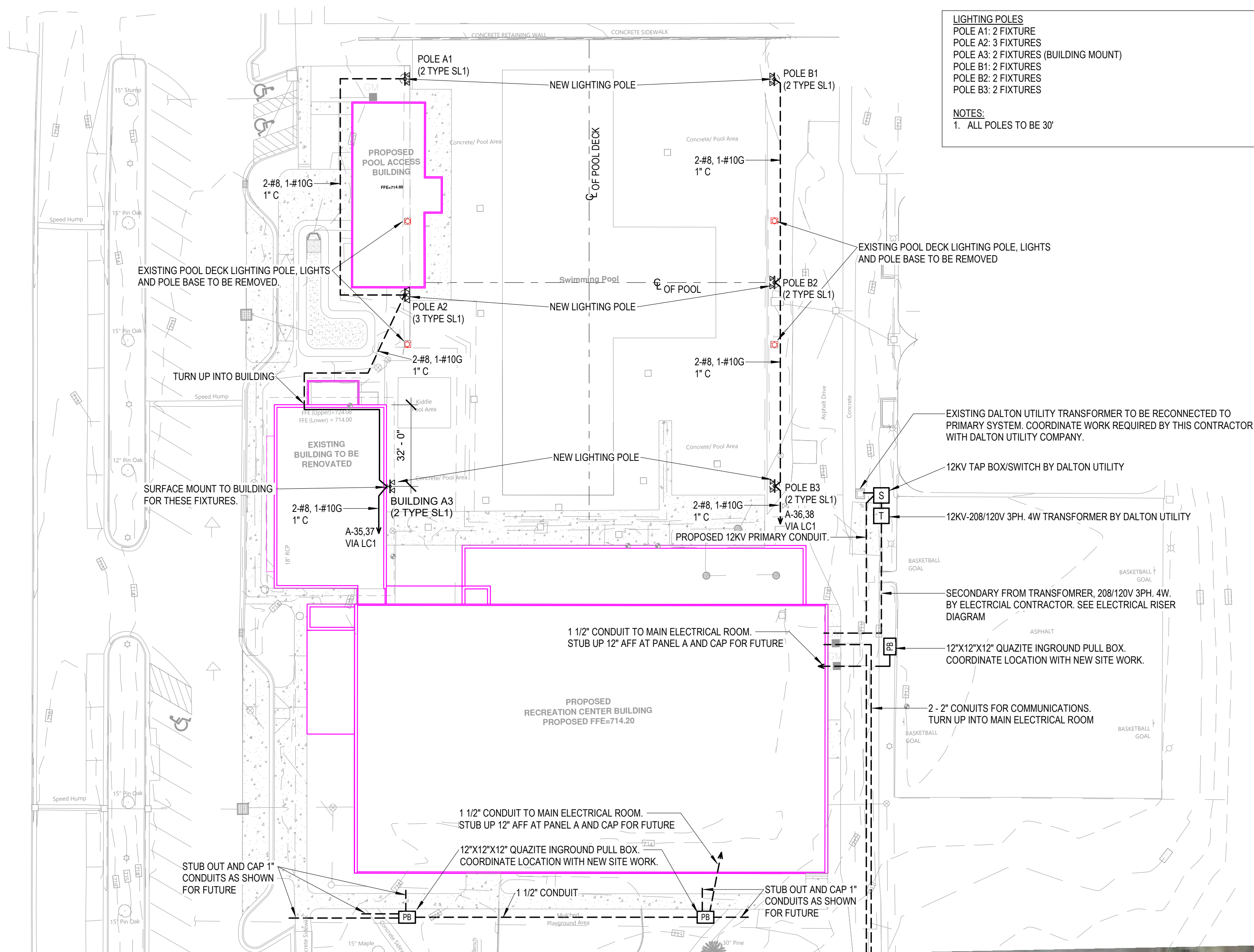
RC Entrance Level Fire Alarm Plan

REDEVELOPMENT OF THE JOHN DAVIS RECREATION CENTER
 CITY OF DALTON
 904 CIVIC DRIVE
 DALTON, GEORGIA 30720

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E1.31

Entrance Level Fire Alarm Plan
 SCALE 1/8" = 1'-0"



CONTACT LIST

1. POWER COMPANY POINT OF CONTACT IS:
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 DALTON UTILITIES
 706-280-4328
 bmooney@dufl.com

GENERAL PLAN NOTES

1. FIELD VERIFY ALL WORK FOR POWER AND COMMUNICATIONS WITH UTILITY COMPANIES AND BUILDOUT PLANS.

SITE LIGHTING FIXTURE SCHEDULE

TYPE	MFG	MODEL	DESCRIPTION	NOTES
SL1	Acuity Brand Lighting	RSXF3 LED P4 50K NFL MVOLT	LED FLOOD WITH NARROW FLOOD DISTRIBUTION, 50K	1

NOTES:
 1. PROVIDE WITH TENON MOUNT #T20 1900NAXD

SITE LIGHTING POLE SCHEDULE

TYPE	MFG	MODEL	DESCRIPTION	NOTES
POLE A1	Acuity Brand Lighting	RSS 30 SB T20	30 FOOT STRAIGHT ROUND STEEL POLE WITH T20 TENON.	1-4
POLE A2	Acuity Brand Lighting	RSS 30 SB T20	30 FOOT STRAIGHT ROUND STEEL POLE WITH T20 TENON.	1-3, 5
BUILDING A3 (WALL)	Acuity Brand Lighting	FRWB BH28 TD	TWO-TENON BULLHORN.	6
POLE B1	Acuity Brand Lighting	RSS 30 SB T20	30 FOOT STRAIGHT ROUND STEEL POLE WITH T20 TENON.	1-4
POLE B2	Acuity Brand Lighting	RSS 30 SB T20	30 FOOT STRAIGHT ROUND STEEL POLE WITH T20 TENON.	1-4
POLE B3	Acuity Brand Lighting	RSS 30 SB T20	30 FOOT STRAIGHT ROUND STEEL POLE WITH T20 TENON.	1-4

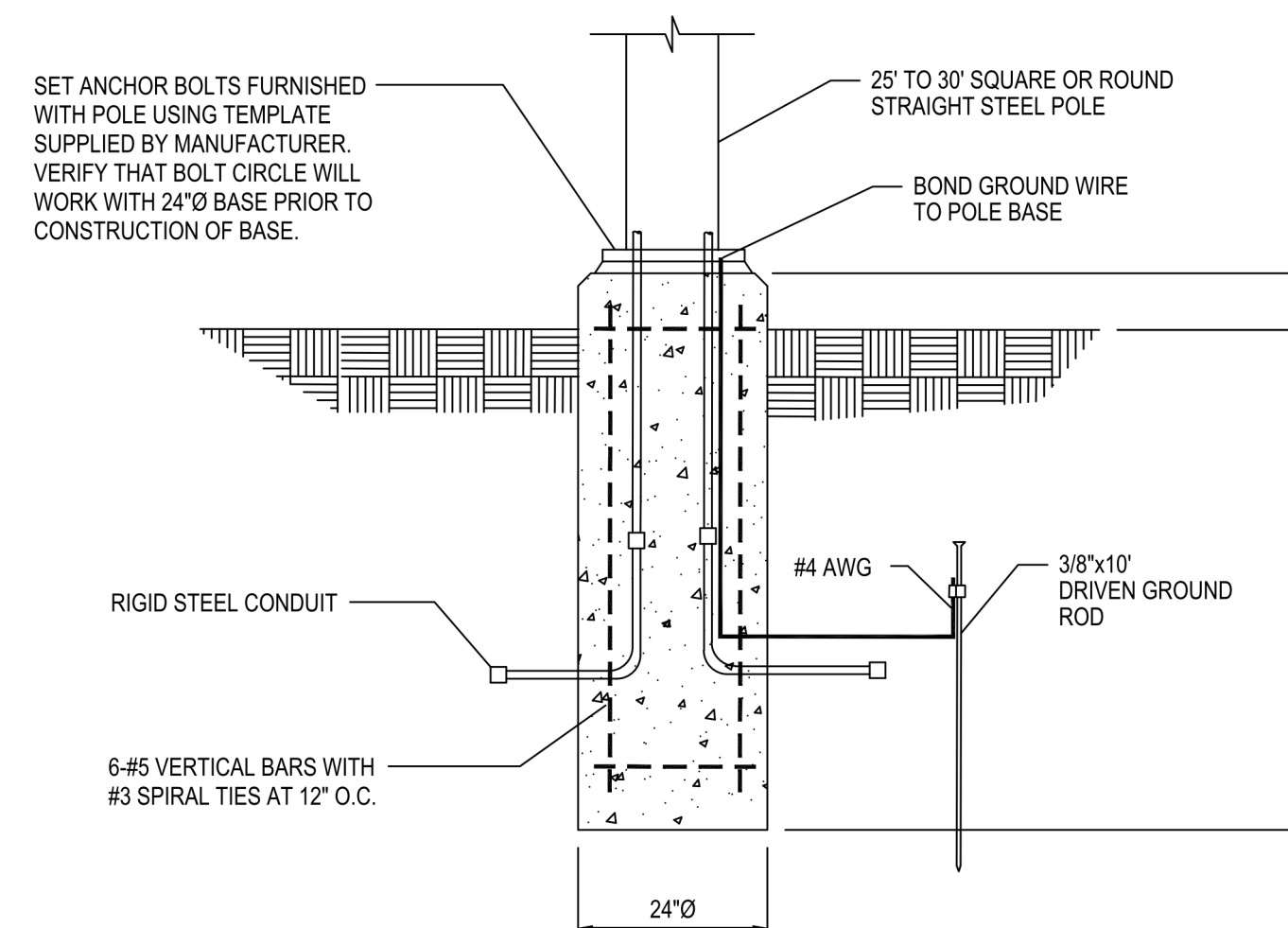
NOTES:
 1. PROVIDE ANCHOR BOLTS, BASE COVER AND TOP COVER.
 2. INSTALL ALL POLES LEVEL.
 3. COORDINATE PLACEMENT WITH EXISTING AND NEW UTILITY SYSTEMS.
 4. PROVIDE WITH BULL MOUNT #BSS28 DLXD AND TWO TYPE SL1 FIXTURES.
 5. PROVIDE WITH BULL MOUNT #BSS28 DLXD AND THREE TYPE SL1 FIXTURES.
 6. WALL MOUNT BRACKET AT APPROXIMATELY 30' AFF, PROVIDE WITH TWO TYPE SL1 FIXTURES

UTILITY SUPPLY NOTES

1. ALL UTILITY SERVICES SHOWN ARE FOR SCHEMATIC REPRESENTATION ONLY. NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN AS TO THE EXACT LOCATION, GRADE OR ELEVATION OF THE ABOVE MENTIONED ITEMS. ACTUAL LOCATIONS ARE TO BE BASED ON UTILITY COMPANY AND OWNER INSTRUCTIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH THE PRIMARY AND SECONDARY SERVICES AND METER INSTALLATION FEES. IF THE CONTRACTOR CANNOT DETERMINE THE PRIMARY SERVICE FEES TO BE APPLIED BY THE POWER COMPANY, THEN HE IS TO INCLUDE A LETTER IN HIS BID SPECIFICALLY STATING THAT THESE COSTS HAVE NOT BEEN INCLUDED IN THE BID BUT WILL BE ADDITIONS TO THE CONTRACT WHEN DETERMINED BY THE UTILITY.
3. BECAUSE OF ALL OF THE ABOVE REASONS, ALL ELECTRICAL CONTRACTORS DESIRING TO BID ON THIS PROJECT ARE REQUIRED TO VISIT THE JOB SITE PRIOR TO BIDDING SO THAT THEY MAY BECOME FAMILIAR WITH ALL CIRCUMSTANCES WHICH WILL AFFECT THE ELECTRICAL WORK. CONTRACTORS ARE TO INCLUDE ALL REQUIRED COST TO PROVIDE A COMPLETE, FUNCTIONAL AND CODE COMPLIANT ELECTRICAL INSTALLATION.
4. CONTRACTOR SHALL INCLUDE OVERTIME AND AFTER HOURS PREMIUM LABOR CHARGES IN HIS BID AS REQUIRED TO COMPLETE THE INSTALLATION OF THIS PROJECT IN ACCORDANCE WITH THE ARCHITECTS SCHEDULE.
5. COORDINATE JOINT USE AGREEMENT WITH TELEPHONE, CATV AND POWER CO. FOR UNDERGROUND SERVICE TO BUILDING.
6. CONTRACTOR TO ALSO INCLUDE ANY COST FOR SERVICE TO BUILDING ASSOCIATED WITH UTILITIES OTHER THAN POWER.
7. ALL REQUIRED 90° ELBOWS OF UTILITY CONDUITS TO BE OF SWEEPING TYPE AND RIGID (NOT PVC).
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH TEMPORARY POWER SERVICES FROM THE LAST POWER CO. POWER OR DEMARCATION POINT TO TEMPORARY DISCONNECTING DEVICES, WIRING AND METER CHANGES FOR EITHER SINGLE PHASE OR 3-PHASES AS REQUIRED.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING UTILITY COMPANY FAULT CURRENT SHEET FOR ELECTRICAL SERVICE.

GENERAL SITE NOTES

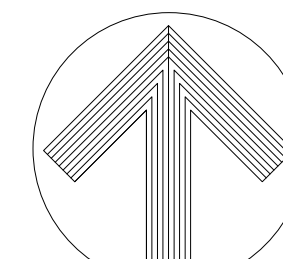
1. ALL CONDUCTOR SIZES SHOWN ARE BASED ON THE NEC AMPACITIES OF COPPER CONDUCTORS, TYPE THW UNLESS OTHERWISE NOTED.
2. ALL UNDERGROUND WIRING IS TO BE INSTALLED IN SCHEDULE 40 PVC CONDUIT PER THE WRITTEN SPECIFICATIONS. RIGID STEEL ELBOWS ARE TO BE USED ON THE CONDUIT WHEREVER IT TURNS UP AND EXITS THE GROUND.
3. THE CONTRACTOR SHALL SUPPLY A SEPARATE GREEN INSULATED GROUND WIRE IN ALL RUNS OF PVC CONDUIT, WHETHER SHOWN ON THE DRAWINGS OR NOT.
4. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL CONCRETE AND RELATED WORK FOR ALL POLE BASES, TRANSFORMER PADS, ETC., WHICH ARE IN HIS SCOPE OF WORK.
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVISION OF ELECTRICAL WIRING AND ASSOCIATED EQUIPMENT REQUIRED TO PROVIDE SERVICE TO ALL PYLON SIGNS.
6. ALL WORK IS TO COMPLY WITH THE LATEST VERSION OF THE NEC AND ALL APPLICABLE STATE, LOCAL, AND MUNICIPAL CODES.
7. THE ELECTRICAL CONTRACTOR IS TO COORDINATE ALL OF HIS WORK WITH ALL OF THE OTHER DISCIPLINES AND TRADES: WATER, SEWER, STORM DRAINAGE, ETC. ROUTING TAKE PRECEDENCE OVER THE ELECTRICAL WIRE AND CONDUIT ROUTING. THE ELECTRICAL CONTRACTOR IS TO RELOCATE OR REROUTE AS REQUIRED TO CLEAR SUCH.
8. COORDINATE ALL SITE WORK WITH CIVIL DRAWINGS.
9. COORDINATE ALL DEMOLITION WITH UTILITY COMPANIES.
10. SEE ARCHITECTS PHASING SCHEME FOR OTHER PERTINENT INFORMATION. THE ELECTRICAL CONTRACTOR IS TO PERFORM ALL WORK IN THE SEQUENCE REQUIRED BY THAT SCHEDULE AND PROVIDE ALL TEMPORARY SERVICES (1:0 OR 3:0, DISCONNECTS, POLES, METER BASES, ETC.) AS REQUIRED BY OWNER.



25' - 30' POLE BASE DETAIL
 N.T.S.



Site Electrical Plan
SCALE 1" = 30'-0"



MA & A
March Adams & Associates
 Consulting Engineers
 310 Dadds Ave. P. O. Box 3689 Chattanooga, Tennessee 37404 (423) 698 6675
 MAA JOB NO. 22238

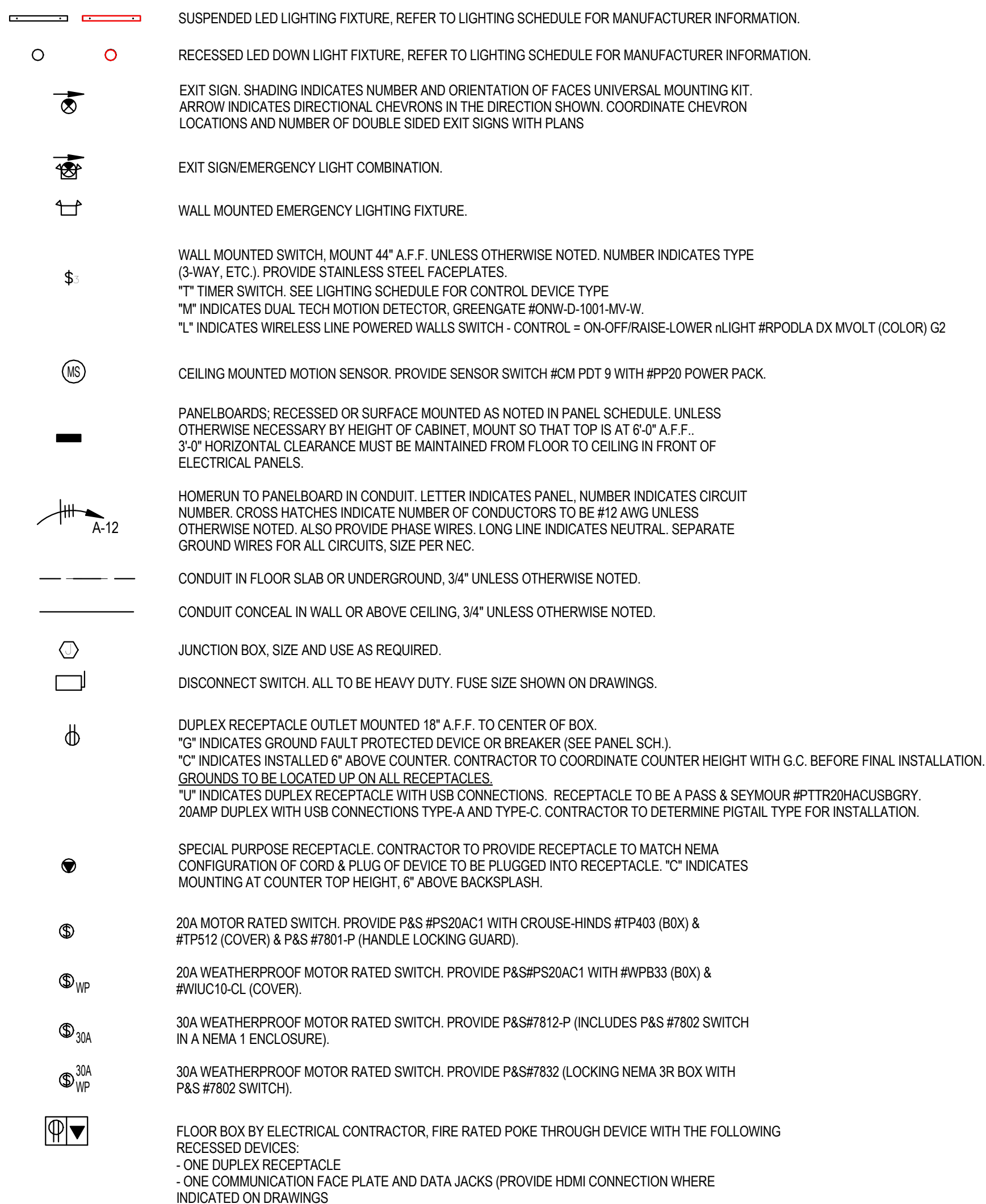
GREGG SIMS
 ARCHITECT
 02-14-2024
 ENGINEER
 STEVEN B. SABALNY

DALTON RECREATION

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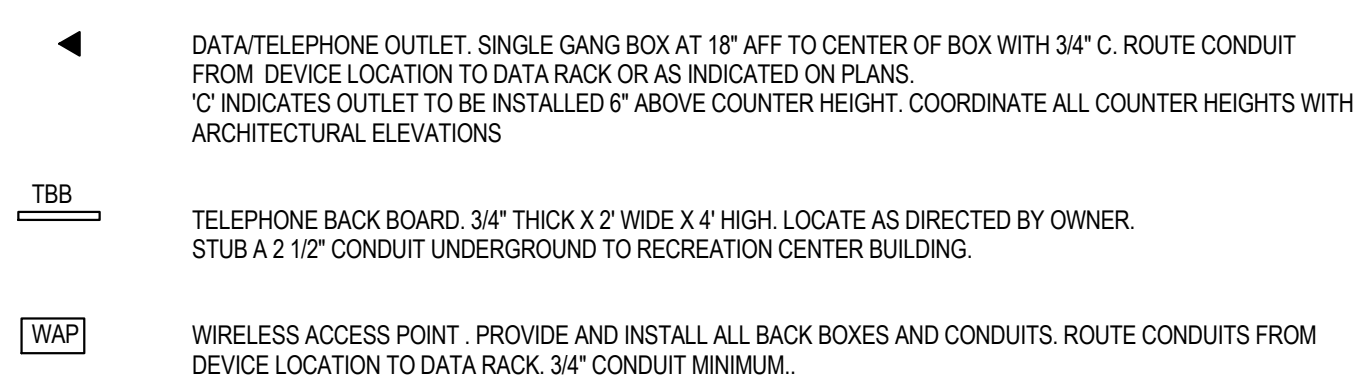
RC Electrical Site Plan
 REDEVELOPMENT OF THE JOHN DAVIS RECREATION CENTER
 CITY OF DALTON
 904 CIVIC DRIVE
 DALTON, GEORGIA 30720
 GREGG SIMS, ARCHITECT AIA/NCARB/LEED
 304 SELWIDGE STREET | P.O. BOX 219 | DALTON, GEORGIA 30722
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E1S.00

PARTIAL ELECTRICAL SYMBOLS LEGEND

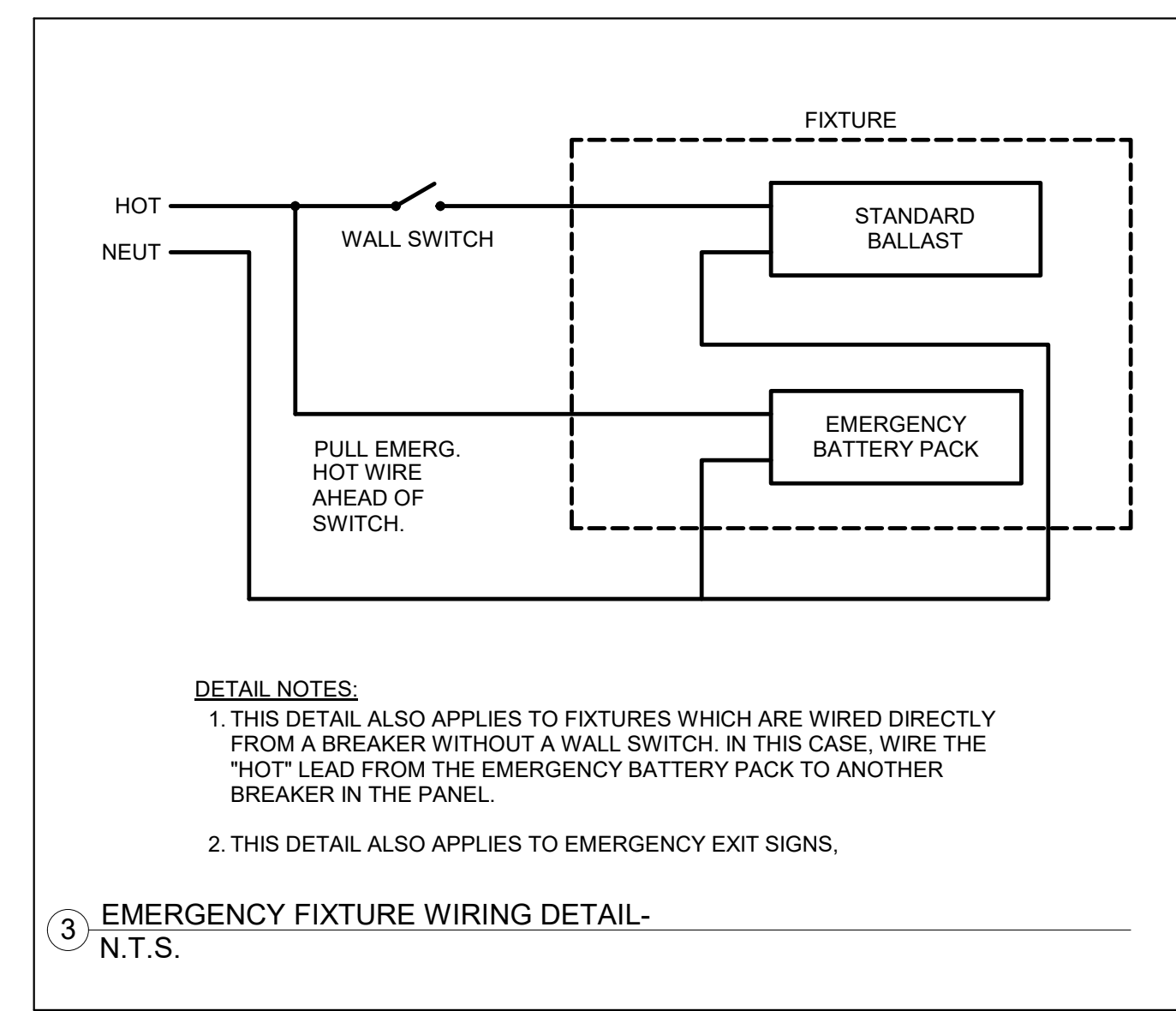
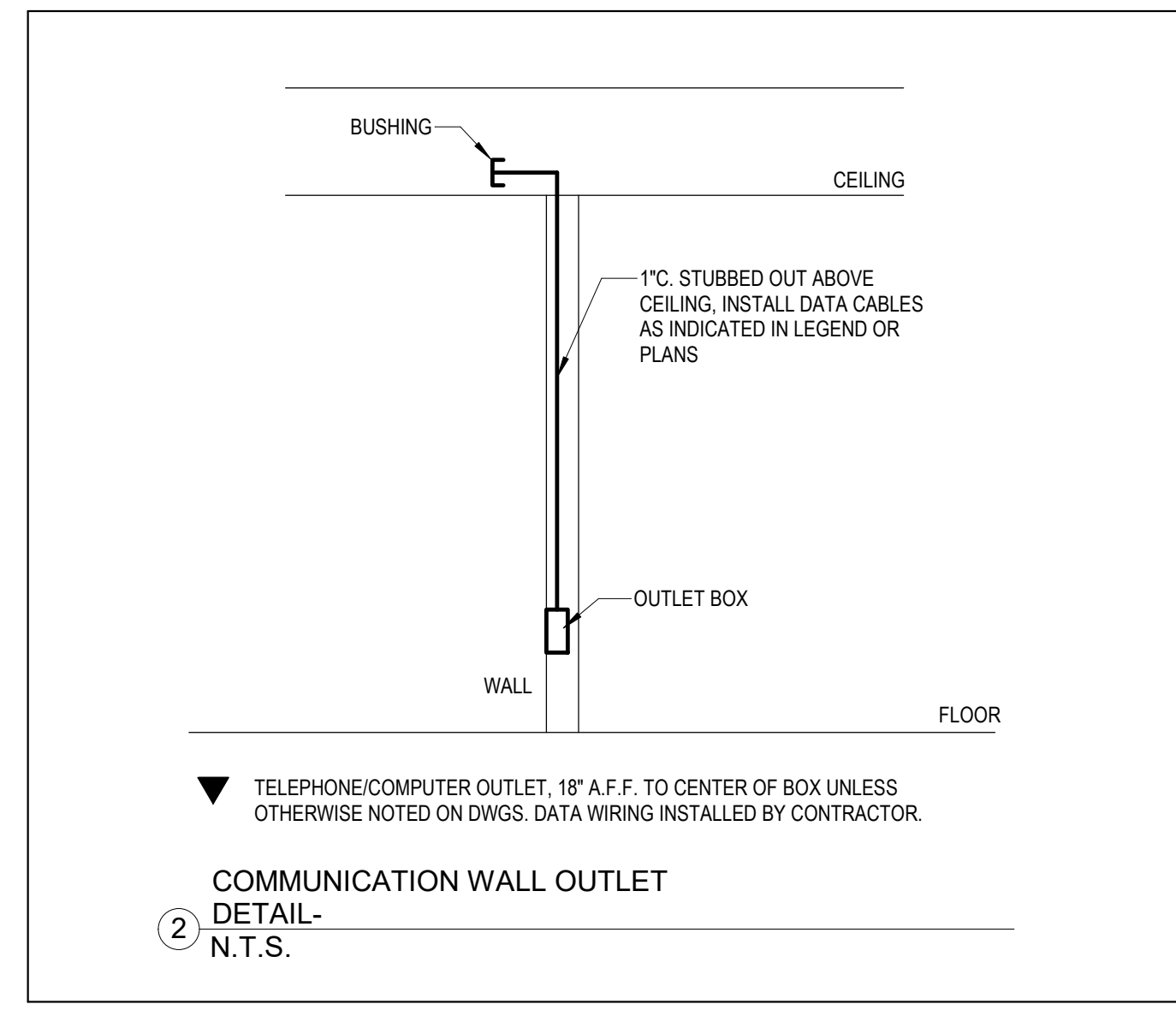
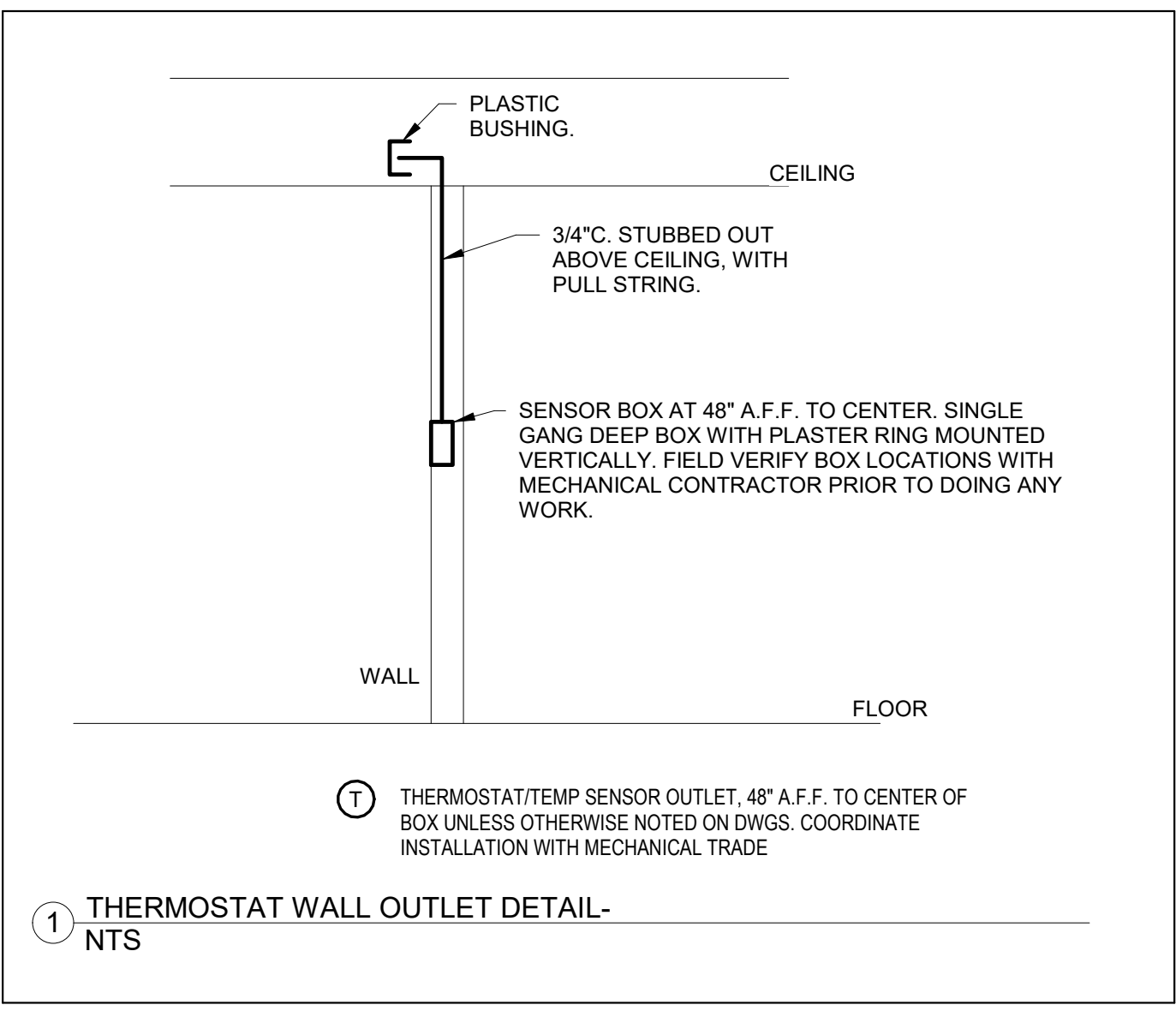


- LEGEND NOTES:**
- ALL WIRING DEVICES TO BE GRAY.
 - ALL WALL PLATES TO BE STAINLESS STEEL.
 - RECEPTACLES TO BE TAMPER RESISTANT AS NOTED IN THE WIRING DEVICES SECTION OF THE PARTIAL GENERAL ELECTRICAL PROJECT NOTES.

PARTIAL COMMUNICATION SYMBOLS LEGEND



- COMMUNICATION NOTES:**
- CONTRACTOR SHALL INSTALL ALL COMMUNICATION BACK BOXES AND CONDUIT AS SHOWN ON PLANS AND INSTALL WALL STRING IN ALL CONDUITS.



PARTIAL GENERAL ELECTRICAL PROJECT NOTES

- GENERAL:**
- VERIFY ALL DOOR SWINGS WITH THE ARCHITECTURAL DRAWINGS BEFORE ROUGHING IN LIGHT SWITCHES TO INSURE PROPER LOCATION. VERIFY ALL CASEWORK HEIGHTS TO INSURE THAT ALL OUTLETS ABOVE CASEWORK ARE AT THE PROPER HEIGHT.
 - VERIFY THE EXACT LOCATION OF ALL MOTORS AND EQUIPMENT OF ELECTRICAL AND OTHER TRADES BEFORE ROUGHING IN ELECTRICAL WORK. ALSO ADVISE OTHER TRADES OF THE LOCATIONS OF ELECTRICAL WORK WHICH WILL AFFECT THEIR WORK, PRIOR TO THE INSTALLATION OF THE ELECTRICAL WORK. COORDINATE LIGHT FIXTURE LOCATION WITH OTHER TRADES AND ARCHITECTURAL.
 - ALL DIMENSIONS AFFECTING ELECTRICAL WORK ARE TO BE CAREFULLY CHECKED AND VERIFIED WITH THE GENERAL CONTRACTOR BEFORE ANY WORK IS DONE.
 - UNLESS OTHERWISE NOTED IN THE WRITTEN SPECIFICATIONS OR ON THE DRAWINGS, ALL ELECTRICAL WORK AND ELECTRICAL EQUIPMENT ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
 - ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS FOR ALL THE FOLLOWING ELECTRICAL DEVICES OR SYSTEMS: FIRE ALARM, SWITCHGEAR, LIGHTING, WIRING DEVICES, PLASTIC RACEWAY & BOXES, FUSES, FIRESTOPPING, AND WIRE TO BE USED ON THE PROJECT. NOTE THAT NO ITEMS WILL BE REVIEWED UNTIL ALL SUBMITTALS ARE RECEIVED. CONTRACTOR RESPONSIBLE FOR PROJECT DELAYS DUE TO INCOMPLETE SUBMITTAL PACKAGES.
- WIRE/CONDUIT:**
- ALL WIRING TO BE COPPER UNLESS NOTED OTHERWISE.
 - ELECTRICAL CONTRACTOR IS TO PROVIDE CONDUITS AND BOXES FOR THERMOSTAT AND SENSOR LOCATIONS. COORDINATE WITH MECHANICAL FOR LOCATIONS, MOUNTING HEIGHTS, BOXES, & CONDUIT SIZE. PROVIDE MEASURED PULL STRINGS. STUB OUT IN 1/2".
 - PROVIDE MEASURED PULL STRINGS IN ALL CONDUIT TO BE LEFT EMPTY.
 - ALL 120V, 20A HOMERUNS LESS THAN 80' TO BE #12, USE #10 FOR GREATER LENGTHS.
 - PROVIDE SEPARATE GROUND WIRES FOR ALL CIRCUITS. NO RACEWAY GROUNDS. GROUNDING SHALL MEET THE REQUIREMENTS OF N.E.C. ARTICLE 250.
 - CONDUIT ROUTING IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ROUTING SHOWN ON THESE DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. THE ONLY EXCEPTION TO THIS IS THAT NO SURFACE MOUNTED CONDUIT WILL BE PROVIDED EXCEPT AS INDICATED ON THESE DRAWINGS UNLESS APPROVAL IS GIVEN BY OWNERS REP OR ENGINEER. CONDUIT SIZES INDICATED ON THESE DRAWINGS ARE MINIMUM SIZES FOR INDIVIDUAL HOMERUNS. CONTRACTOR IS FREE TO COMBINE DIFFERENT HOMERUNS IN SAME CONDUIT AND RESIZE ACCORDING TO NEC REQUIREMENTS. CONTRACTOR IS TO PROVIDE MULTIPLE RUNS OF CONDUIT AT HIS EXPENSE TO REPLACE LARGER INDIVIDUAL RUNS OF CONDUIT INDICATED ON THESE DRAWINGS WHERE FIELD CONDITIONS WILL NOT ALLOW THEM TO BE INSTALLED IN THE SIZES SHOWN. CONTRACTOR IS TO PUNCH THRU EXISTING WALLS WITH CONDUIT RUNS AS REQUIRED BY FIELD CONDITIONS. LOCATE WALL PENETRATIONS ABOVE FUTURE CEILING AREAS UNLESS OTHERWISE INDICATED. FIRE STOP AS REQUIRED.
 - CONTRACTOR TO RUN ALL LOW VOLTAGE POWER WIRING IN CONDUIT. TYPE "MC" CABLE IS NOT ALLOWED.
 - CONTRACTOR IS FREE TO USE 1/2" C. FOR TEMP. SENSOR OR T-STATS. FOLLOW NEC.
- POWER/SYSTEMS:**
- ALL BOXES FOR POWER AND/OR COMMUNICATION DEVICES SHALL BE LOCATED 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
 - OUTLETS ON BACK TO BACK WALL SURFACES BETWEEN ROOMS SHALL BE HORIZONTALLY SEPARATED BY 6" MIN. NO BACK TO BACK INSTALLATION OF BOXES ON THESE WALLS IS ALLOWED. IF THE SUBJECT WALLS ARE FIRE RATED OR IF THE 6" SEPARATION CAN NOT BE MAINTAINED, THE BOXES MUST BE WRAPPED WITH A FIRE RATED MOLDABLE PUTTY PAD SIMILAR TO TREMSTOP MP OR EQUAL. SO THAT THE WALL FIRE RATING IS NOT AFFECTED BY THE PENETRATION AND THE WALL INTEGRITY IS NOT COMPROMISED.
 - CONTRACTOR TO PROVIDE BACK BOXES AND CONDUIT FOR COMMUNICATIONS SYSTEMS.
- LIGHTING:**
- CONTRACTOR IS TO VERIFY LIGHT FIXTURE COLOR/FINISHES WITH ARCHITECT PRIOR TO ORDER.
 - ALL LIGHT FIXTURES ARE TO BE CHECKED BEFORE ROUGHING IN TO INSURE THAT THEY CAN BE MOUNTED AS DIRECTED BY THE DRAWINGS AND THAT THERE IS ENOUGH SPACE TO ALLOW SUCH.
 - RECESSED LIGHT FIXTURES IN RATED CEILINGS MUST BE PROTECTED OR BE LISTED FOR USE IN A RATED ASSEMBLY.
 - CONTRACTOR IS RESPONSIBLE FOR COORDINATING LOCATION OF HIS LIGHT FIXTURES WITH OTHER TRADES AND ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- WIRING DEVICES:**
- RECEPTACLES LOCATED IN COMMON SPACES ACCESSIBLE TO SMALL CHILDREN ARE TO BE TAMPER RESISTANT DEVICES. THIS NOTE SHALL OVER RIDE THE SPECIFICATIONS. RECEPTACLES LOCATED OVER 5 1/2' ABOVE FINISHED FLOOR SHALL BE STANDARD RECEPTACLES. REFER TO NEC ARTICLE 406.12
 - PROVIDE STAINLESS STEEL COVERPLATES FOR ALL DEVICES.
 - MOUNTING HEIGHTS OF DEVICES WILL BE COORDINATED WITH OTHER TRADES AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
 - ALL DEVICES TO BE GRAY UNLESS NOTED OTHERWISE.

POOL ACCESS BUILDING LIGHTING FIXTURE SCHEDULE

TYPE	WATTS	DESCRIPTION
A	34	ABL-LITHONIA LIGHTING #CLX L48 4000LM SEF FDL MVOLT G210 40K 80CRI WH. WITH MOUNTING HARDWARE #ZACVH M100. 4' LED STRIP
AE	34	ABL-LITHONIA LIGHTING #CLX L48 4000LM SEF FDL MVOLT G210 40K 80CRI WH. WITH MOUNTING HARDWARE #ZACVH M100. 4' LED STRIP
B	58	ABL-MARK LIGHTING #S2PID 4FT MSL4 80CRI 40K 1200LM DWB 180CRI 40K 1600LM SCT MIN10 FLL CD MVOLT WHTT NLTAR2 APDT F21444A RCYC WHTCY WORD MCS. 4' LED LINEAR FIXTURE WITH NLTAR2, OCCUPANCY/DAYLIGHT SENSOR.
BE	58	ABL-MARK LIGHTING #S2PID 4FT MSL4 80CRI 40K 1200LM DWB 180CRI 40K 1600LM SCT MIN10 FLL CD MVOLT WHTT NLTAR2 APDT F21444A RCYC WHTCY WORD MCS. 4' LED LINEAR FIXTURE WITH NLTAR2, OCCUPANCY/DAYLIGHT SENSOR.
C1	20	ABL-JUNO LIGHTING #IC32BLD G4 14LM 40K 90CRI MVOLT E210 / 6330 WWH 6" LED DOWN LIGHT WITH SLOPED CEILING HOUSING
C2	20	ABL-LITHONIA LIGHTING #LDN4 401500 L04 WR LSS TRW MVOLT G210 NLTAR2 4" DIAMETER LED DOWN LIGHT WITH NLTAR
C3	20	ABL-LITHONIA LIGHTING #LDN4 401500 L04 WR LSS TRW MVOLT G210 4" DIAMETER LED DOWN LIGHT WITH NLTAR
WIE	20	ABL-LITHONIA LIGHTING #ARC2 LED P3 40K MVOLT EBWC P60000 LED WALL MOUNT LIGHT WITH BATTERY BACKUP
XC	2	DUAL-LITE #LESWSRYNEM1 (CONTRACTOR TO SPECIFY CHEVRON LOCATIONS); EXIT SIGN, WALL MOUNT AT 8' AFF
XCG	2	DUAL-LITE #LESWSRYNEM1 (CONTRACTOR TO SPECIFY CHEVRON LOCATIONS); WITH WIRE GUARD #WGA2 EXIT SIGN, WALL MOUNT AT 8' AFF

CONTROLS / SWITCHES

\$H	ABL-CONTROLS #WSX (GRAY)
\$T	ABL-CONTROLS #PTS60 (GRAY)
(C)	ABL-CONTROLS #CM PDT 9 (SENSOR) WITH #PP20 (POWER PAC)
\$L	ABL-CONTROLS #RPOOLA DX MVOLT (COLOR) G2

NOTE: POOL ACCESS BUILDING IS AN OPEN STRUCTURE DESIGN.

- CONTRACTOR IS REQUIRED TO CONCEAL ALL CONDUIT RUNS IN FLOOR, CEILING AND WALLS AT ALL PUBLIC AREAS AND LIFE GUARD OFFICE.
- WHERE EXPOSED CONDUITS ARE REQUIRED BY STRUCTURE DESIGN, THOSE CONDUIT ROUTES WILL BE FIELD COORDINATED WITH ARCHITECT AND DESIGNER PRIOR TO INSTALLATION.
- ALL BACK BOXES TO BE RECESS MOUNTED (NO EXPOSED BACK BOXES WILL BE ALLOWED).

PAB SHEET LIST - ELECTRICAL

NUMBER	NAME
E2.01	PAB Electrical Project Schedules and Notes
E2.02	PAB Fire Alarm/ Security Notes and Details
E2.03	PAB Firestop Details
E2.04	PAB Communication Riser Diagram
E2.05	PAB Electrical Riser Diagram and Panel Schedule
E2.11	PAB Power Plan and HVAC Power Plan
E2.12	PAB Lighting Plan and Fire Alarm Plan

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 ENGINEER
 02-17-2024

DALTON RECREATION

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 REVISIONS RE-ISSUE: April 11, 2024 Addendum No. 3

PAB Electrical Project Schedules and Notes

POOL ACCESS BUILDING
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 VOICE: 706-226-0776 | FACSIMILE: 706-226-1111 | gsim@greggsims.com

E2.01

FIRE PROTECTION GENERAL NOTES

- SCOPE OF WORK**
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK, MATERIALS, AND INCLUDE SERVICES AND INCIDENTALS TO SATISFY A COMPLETE AND OPERATING SYSTEM WHETHER SPECIFIED OR IMPLIED.
 - ALL FIRE PROTECTION WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL STATE, LOCAL, LAWS AND ORDINANCES AND IN A MANNER SATISFACTORY TO THE AUTHORITY HAVING JURISDICTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND ANY ALL APPLICABLE FEES. ALL FIRE PROTECTION SYSTEMS TO MEET RELEVANT STANDARDS OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), INCLUDING, BUT NOT LIMITED TO 13, 24, 20, 24 AND 70.
 - ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUAL" BY THE ENGINEER OR ARCHITECT.
 - FIRE PROTECTION/SPRINKLER CONTRACTOR SHALL PROVIDE SPRINKLER SYSTEM PER SPECIFICATIONS.
- PERMITS**
 - THE CONTRACTOR SHALL BE A LICENSED FIRE SPRINKLER CONTRACTOR.
 - THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS AND PAY ANY AND ALL FEES.
- SHOP DRAWINGS**
 - SUBMIT MATERIAL LIST AND SHOP DRAWINGS FOR MAJOR EQUIPMENT TO THE ARCHITECT/ENGINEER AND STATE FIRE MARSHAL FOR APPROVAL.
- SPRINKLER HEADS**
 - WHERE SPRINKLER HEADS ARE INSTALLED IN ACOUSTICAL CEILING TILES, HEADS SHALL BE CENTERED IN THE TILE.
 - SPRINKLER HEADS ARE TO BE PROVIDED IN THE STYLE AND COLOR/FINISH AS SPECIFIED ON THE DRAWING. HOWEVER, CONTRACTOR TO COORDINATE WITH OWNER ARCHITECT PRIOR TO PURCHASE THAT COLOR/FINISH ACCEPTABLE.
 - HEAD LOCATIONS SHOWN ON DRAWINGS ARE FOR ESTIMATING PURPOSES ONLY.
 - UNLESS OTHERWISE SHOWN OR NOTED, INSTALL SPRINKLER HEADS IN AREAS WITHOUT CEILINGS, PROVIDE ESCUTCHEON PLATES FOR AREAS WITH CEILING. TEMPERATURE RATING OF SPRINKLER SHALL BE AS REQUIRED BY NFPA OR A.H.J.
 - MAXIMUM SPACING OF SPRINKLERS TO NOT EXCEED SPRINKLER HEAD MANUFACTURERS PUBLISHED SPRAY LIMITATIONS.
 - THIS IS A CONCEPTUAL PLAN ONLY. A LICENSED FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE FIRE PROTECTION SYSTEM IN ACCORDANCE WITH ALL CODES. ANY ADDITIONAL SPRINKLER HEADS ABOVE WHAT IS SHOWN ON THIS PLAN SHALL BE PROVIDED AT NO ADDITIONAL COST.
- SPRINKLER PIPING**
 - ALL SPRINKLER PIPE IS TO BE RUN AS HIGH AS POSSIBLE AND COORDINATED WITH ALL TRADES.
 - SPRINKLER PIPE SHALL BE MADE TO ANY OF THE SPECIFICATIONS LISTED. WELDING WILL NOT BE PERMITTED IF THERE ARE ANY SPRINKLERS CONNECTED THERETO.
 - ASTM A53
 - ASTM A122
 - PIPING MATERIAL MAY BE SCHEDULE 10 (THINWALL) PROVIDED JOINTS ARE MADE BY ROLL-GROOVE COUPLING. THREADING OF SCHEDULE 10 WILL NOT BE PERMITTED.
 - PIPING MATERIAL MAY BE SCHEDULE 40 WITH FLANGED, ROLL GROOVE COUPLING, OR THREADED JOINTS.
 - DRYWET SPRINKLER PIPING SHALL BE SLOPED TO DRAIN. LOW POINT DRAINS SHALL BE PROVIDED AT ANY CHANGE IN FITCH.
 - COORDINATE WORK WITH OTHER TRADES TO AVOID INTERFERENCES. CUTTING AND PATCHING SHALL BE RESTORED IN A MANNER ACCEPTABLE TO THE ARCHITECT AND OWNER.
 - ALL PIPING FROM POINT OF SERVICE, INCLUDING UNDERGROUND USED FOR SPRINKLER OR STANDPIPE SYSTEMS MUST BE INSTALLED BY A REGISTERED SPRINKLER CONTRACTOR.
 - PAINT ALL PIPING 2" MIN. LARGER DUCT ONLY WHERE OTHERWISE REQUIRED BY ARCHITECT. APPLY ONE (1) COAT OF PRIMER BEFORE INSTALLATION. APPLY MIN. OF ONE (1) COAT OF PAINT AFTER INSTALLATION.
 - PIPE SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR ELECTRICAL EQUIPMENT.
- WALL AND FLOOR PENETRATIONS**
 - SLEEVES ARE REQUIRED WHERE A PIPE PASSES THROUGH A WALL OR FLOOR. PIPES PASSING THROUGH A WALL OR FLOOR MUST BE INDIVIDUALLY SLEEVED UNLESS APPROVED BY ARCHITECT.
 - SLEEVES SHALL FINISH FLUSH WITH THE WALL. FINISH ABOVE FINISHED FLOOR.
 - SLEEVES SHALL BE AS FOLLOWS:
 - THROUGH MASONRY WALLS - GALVANIZED STEEL PIPE THROUGH PARTITIONS AND FLOOR - 22 GAUGE GALVANIZED SHEET METAL.
 - PROVIDE FIRE STOP PROTECTION WHEN PENETRATING FIRE RATED PARTITION OR WALL.
 - ALL PENETRATIONS THROUGH MASONRY WALLS WILL BE COPE DRILLED AND SLEEVED.
- PIPE SUPPORTS**
 - ALL HANGERS MUST BE AN APPROVED TYPE BY NFPA 13. NO SPRINKLER PIPING IS TO BE SUPPORTED FROM ANY MECHANICAL OR ELECTRICAL DEVICES.
 - ALL PIPE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN A NEAT AND WORKMANLIKE MANNER. VERTICAL RISERS SHALL BE SUPPORTED AT EACH FLOOR LEVEL WITH STEEL PIPE CLAMPS. THE USE OF WIRE OR STRAP METAL HANGERS TO SUPPORT PIPES WILL NOT BE PERMITTED. HANGING PIPES FROM OTHER PIPES WILL NOT BE PERMITTED. PIPING SHALL BE CAREFULLY COORDINATED BEFORE INSTALLATION WITH SYSTEMS AND EQUIPMENT IN CHARGE AND OTHER CONGESTED AREAS.
 - SEISMIC PERFORMANCE - FIRE SUPPRESSION PIPING BRACING SHALL BE IN ACCORDANCE TO NFPA 13.
 - WHERE FLEXIBLE SPRINKLER IS REQUIRED, IT SHALL BE INSTALLED WITHIN 6 FT. IN LENGTH AND SUPPORTED BY A SUSPENDED CEILING IN ACCORDANCE WITH NFPA 13 SECTION 17.4.1.3.3.3. (A HANGERS) ATTACHED TO THE STRUCTURE SHALL BE REQUIRED TO ENSURE MAXIMUM UNSUPPORTED LENGTH DOES NOT EXCEED 6 FT.
- SEISMIC**
 - SEISMIC RESTRAINT FOR SPRINKLER PIPING IS REQUIRED. PROVIDE FLEXIBLE COUPLINGS AT FLEXURE JOINTS PER NFPA 13.3.2.1.
- WORKING PLANS**
 - THE DRAWINGS INCLUDED AS PART OF THIS SET OF CONSTRUCTION DOCUMENTS ARE TO PROVIDE ENGINEERING DESIGN INTENT. THE CONTRACTOR SHALL PREPARE WORKING DRAWINGS (AS DEFINED BY NFPA 13) WHICH SHALL INCLUDE HYDRAULIC CALCULATIONS AND WILL BE SUBMITTED TO THE ENGINEER AND FIRE MARSHAL FOR APPROVAL.
- MISCELLANEOUS**
 - DO NOT SCALE THIS DRAWING FOR EXACT DIMENSIONS. VERIFY ALL FIGURES, CONDITIONS, AND DIMENSIONS AT THE JOB SITE. THE SPRINKLER PLANS ARE INTENDED TO BE DIAGRAMMATIC. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION.
 - PROVIDE TAMPER SWITCHES ON ALL OSBY VALVES. TAMPER SWITCHES SHALL BE FURNISHED AND INSTALLED BY FIRE PROTECTION CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. CHAIN AND LOCK ALL OSBY VALVES IN FULLY OPEN POSITION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ASSEMBLING ANY EQUIPMENT SHIPPED IN SECTIONS, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 - HOSE CONNECTIONS AND HOSE STATIONS MUST BE UNOBSTRUCTED AND LOCATED BETWEEN 3 FT AND 5 FT ABOVE FINISHED FLOOR.
 - ALL SYSTEM WATER SUPPLY VALVES, ISOLATION CONTROL VALVES, AND OTHER VALVES IN THE FIRE SYSTEM LINE ARE TO BE SUPERVISED IN AN APPROVED MANNER IN THE OPEN POSITION BY A LOCAL SIGNALING SERVICE THAT INITIATES AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION. SEE NFPA 14.6.2.7.
 - DRAINS MUST BE PLACED AT ALL SYSTEM LOW POINTS. DRAINS MUST BE LOCATED DOWNSTREAM OF ISOLATION VALVES AND DRAIN TO A LOCATION APPROVED BY THE A.H.J.
 - THE MAXIMUM PRESSURE AT ANY POINT IN THE SYSTEM AT ANY TIME SHALL NOT EXCEED 175 PSI. IF STATIC PRESSURE AT THE HOSE CONNECTION EXCEEDS 175 PSI, AN APPROVED PRESSURE REGULATING DEVICE MUST BE PROVIDED TO LIMIT THE STATIC AND RESIDUAL PRESSURES TO 175 PSI AT THE HOSE.
 - PROVIDE A FLOW SWITCH OR ALARM CHECK VALVE CONNECTION TO THE BUILDING FIRE ALARM SYSTEM MUST SOUND WITHIN FIVE MINUTES OF FLOW (NFPA 13.8.1).
 - ALL SYSTEM GAUGES AND VALVES MUST BE ACCESSIBLE FOR INSPECTION AND MAINTENANCE (NFPA 13.8.1.1).
 - SOLENOID VALVES USED FOR ELEVATOR HOISTWAYS AND MACHINE ROOMS SHALL BE LISTED FOR THE PARTICULAR APPLICATION AND BE SUPERVISED BY THE FIRE ALARM SYSTEM. STAND-ALONE SOLENOID VALVES SERVING A DRY SYSTEM BRANCH LINE FOR ELEVATOR HOISTWAYS AND MACHINE ROOMS IS NOT AN ACCEPTABLE ALTERNATIVE TO A PREACTION SPRINKLER SYSTEM.
 - FIRE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ELECTRIC BELL. WIRING OF ELECTRIC BELL SHALL BE BY FIRE ALARM CONTRACTOR. IN THE EVENT THAT A FIRE ALARM SYSTEM IS NOT PROVIDED OR IS NOT WITHIN THE PROJECT SCOPE, THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE AND INSTALL A STAND-ALONE FIRE ALARM CONTROL PANEL, DEDICATED TO MONITORING THE FIRE RISER FLOW AND TAMPER SWITCHES AS WELL AS OPERATING THE ELECTRIC BELL. THE FIRE ALARM CONTROL PANEL SHALL INCLUDE BATTERY BACKUP AND DIAL OUT CAPABILITY. FIRE SPRINKLER CONTRACTOR SHALL SUBCONTRACT A LICENSED FIRE ALARM CONTRACTOR FOR ALL WIRING.
 - CONTRACTOR TO INSPECT ALL DRAWINGS CAREFULLY FOR LOCATIONS SUBJECT TO FREEZING CONDITIONS. DO NOT INSTALL PIPING AREAS EXPOSED TO AMBIENT CONDITIONS UNLESS ADEQUATELY PROTECTED. PIPING SYSTEMS THROUGHOUT THE BUILDING SHALL BE PROTECTED FROM FREEZING, GENERALLY BY INSTALLING PIPES ON THE HEATED SIDE OF BUILDING INSULATION. PIPING ADJACENT TO EXTERIOR WALLS SHALL BE INSTALLED IN FURRED SPACES WITH BUILDING INSULATION BETWEEN THE PIPING AND THE EXTERIOR WALL.
 - UNDERGROUND PIPING FOR FIRE LINES REQUIRE THRUST BLOCKS TO BE PROVIDED AT ANY BELOW-GRADE TURN. THESE MUST BE INSPECTED PRIOR TO COOKING UP BY THE FIRE INSPECTOR.
 - CONTRACTOR TO PROVIDE OWNER WITH SPARE SPRINKLER HEADS ALONG WITH THE APPROPRIATE SPRINKLER HEAD WRENCHES. PROVIDE SIX (6) SPARE SPRINKLER HEADS OF EACH TYPE AND TEMPERATURE RATING. ADDITIONAL SPRINKLER HEADS ARE TO BE PROVIDED WHEN THE TOTAL NUMBER EXCEEDS SPECIFIC SPRINKLER HEADS EXCEED 300. FOR PROJECTS WHERE A TYPE SPRINKLER HEAD COUNT IS BETWEEN 300 TO 1000, A MINIMUM OF TWELVE (12) SPARE HEADS SHALL BE PROVIDED FOR THAT TYPE SPRINKLER HEAD. FOR PROJECTS WITH A TYPE SPRINKLER HEAD COUNT THAT EXCEEDS 1000, PROVIDE TWENTY-FOUR (24) SPARE HEADS FOR THAT TYPE HEAD SPRINKLER HEAD.
- WARRANTY**
 - MATERIAL, EQUIPMENT, AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THE SPRINKLER CONTRACTORS EXPENSE.

SPRINKLER DESIGN INTENT

- THIS IS AN NFPA 13 DESIGN. CONTRACTOR SHALL PROVIDE A COMPLETE COMPLIANT SYSTEM WHETHER INDICATED ON THE PLANS OR NOT.
- THIS IS A WET SYSTEM LIGHT HAZARD OCCUPANCY.
- TOTAL GROSS SPRINKLER AREA FOR THE ENTRANCE LEVEL GYMNASIUM AND ACTIVITIES BUILDING IS APPROXIMATELY 20,819 SQ. FT. ADMINISTRATION BUILDING RENOVATION IS 2,984 SQ. FT. FOR ENTRANCE LEVEL, SINGLE STORY ATTACHED TO DYN AND ACTIVITIES IS 1,646 SQ. FT. AND POOL ACCESS BUILDING IS 1,976 SQ. FT.
- SPRINKLERS IN POOL ACCESS BUILDING SHALL BE CORROSION RESISTANT THROUGHOUT.
- SPRINKLER CLASS - SCHEDULE 10 AND SCHEDULE 40 ASTM A-53 BLACK STEEL PIPING (BLAZEMASTER OR APPROVED EQUAL) FIRE SPRINKLER PIPING IS PERMITTED IF APPROVED BY LOCAL JURISDICTION. CONTRACTOR TO OBTAIN THE MOST RECENT HYDRANT TEST THAT MUST BE WITHIN SIX MONTHS OF SUBMITTALS. CONTRACTOR SHALL SUBMIT DRAWINGS TO THE LOCAL FIRE MARSHAL'S OFFICE. DRAWINGS MUST BE APPROVED PRIOR TO INSTALLATION AFTER APPROVAL BY THE MECHANICAL ENGINEER OF RECORD (PROCESSES WITH THE ENGINEER). SHOP DRAWINGS REVIEW STAMP (HYDRANT CALCULATIONS MUST INCLUDE A SAFETY FACTOR OF AT LEAST 10% OR 10 PSI (GREATER OF THE TWO) WITH PIPE SIZING BASED ON VELOCITIES NOT EXCEEDING 30 FT/S. REFER TO NFPA 13 DENSITY/AREA CURVES FIGURE.
- FITTINGS: 7" AND SMALL FITTINGS ARE 1/2" C.I. (SCHEDULE 40) AND LARGE FITTINGS ARE (SCHEDULE 40) MECHANICAL TEES OR WELDED OUTLETS. CPVC (BLAZEMASTER OR APPROVED EQUAL) FIRE SPRINKLER PIPING IS PERMITTED IF APPROVED BY LOCAL JURISDICTION. CONTRACTOR IS RESPONSIBLE TO ASSURE CPVC IS IN COMPLIANCE WITH LOCAL JURISDICTIONAL REQUIREMENTS PRIOR TO BID.
- CPVC INSTALLATION, ALL INSTALLATION AND PAINTING SHALL BE DONE IN STRICT ACCORDANCE WITH MANUFACTURERS REQUIREMENTS. INSTALLATION CONTRACTOR AND FIELD PERSONNEL ARE TO BE TRAINED AND QUALIFIED IN THE INSTALLATION OF CPVC FIRE SPRINKLER PIPING WITHIN TWO YEARS OF THIS PROJECT'S INSTALLATION. TRAINING SHALL BE PROVIDED BY A CPVC FIRE SPRINKLER PIPING MANUFACTURER AND SHALL INCLUDE PROPER PIPE PREPARATION TECHNIQUES, SOLVENT CEMENTING REQUIREMENTS, INSTALLATION INSTRUCTIONS AND THE PROPER HANGING OF PLASTIC PIPING RISERS AND OUTLETS OF THE BUILDING.
 - CPVC PIPE AND FITTINGS ARE NOT INTENDED TO BE INSTALLED IN COMBUSTIBLE CONCEALED SPACES WHERE SPRINKLERS ARE REQUIRED BY NFPA 13 OR 19.
 - CPVC PIPE AND FITTINGS ARE INTENDED TO BE INSTALLED IN APPLICATIONS WHERE PROTECTION IS PROVIDED. THE MINIMUM PROTECTION SHALL CONSIST OF EITHER:
 - ONE LAYER OF 3/8" SYSTEM WALLBOARD
 - A SUSPENDED MEMBRANE CEILING WITH LAY-IN PANELS OR TILES HAVING A WEIGHT OF NOT LESS THAN 0.39 PSF WHEN INSTALLED WITH METALLIC SUPPORT GRIDS
 - 1/2" PL WOOD SOFFITS.
 - CPVC PIPE AND FITTINGS MAY BE INSTALLED WITHOUT PROTECTION (EXPOSED WHEN SUBJECT TO THE FOLLOWING ADDITIONAL LIMITATIONS:
 - EXPOSED PIPING IS TO BE INSTALLED BELOW A SMOOTH, FLAT, HORIZONTAL CEILING CONSTRUCTION.
 - LISTED QUICK-RESPONSE, ORDINARY TEMPERATURE RATED PENDENT SPRINKLERS HAVING DEFLECTORS INSTALLED WITHIN 6" IN FROM THE CEILING OR LISTED RESIDENTIAL, ORDINARY TEMPERATURE RATED PENDENT SPRINKLERS LOCATED IN ACCORDANCE WITH THEIR LISTING AND A MAXIMUM DISTANCE BETWEEN SPRINKLERS NOT TO EXCEED 16 FT.
 - LISTED QUICK-RESPONSE, ORDINARY TEMPERATURE RATED HORIZONTAL SIDEWALL SPRINKLERS HAVING DEFLECTORS INSTALLED WITHIN 6" OF THE CEILING AND WITHIN 6 IN FROM THE SIDEWALL OR LISTED RESIDENTIAL, ORDINARY TEMPERATURE RATED HORIZONTAL SIDEWALL SPRINKLERS LOCATED IN ACCORDANCE WITH THEIR LISTING AND A MAXIMUM DISTANCE BETWEEN SPRINKLERS NOT TO EXCEED MANUFACTURERS STANDARDS.
- SPRINKLER CONTRACTOR SHALL VERIFY A PERMANENT SIGN AT FIRE RISER ROOM STATING CONTROL VALVE LOCATED IN STAIRS.
 - ALL SPRINKLER PIPING SHALL BE SEISMICALLY RESTRAINED PER NFPA 13.3.2.1 AND CLEARANCE AROUND PIPING PASSING THROUGH FLOORS AND WALLS AND FOUNDATIONS IN ACCORDANCE WITH NFPA 13.3.4 USING THE FOLLOWING SEISMIC REQUIREMENTS:
 - IBC 2018 WITH GEORGIA AMENDMENTS
 - RISK CATEGORY II
 - SEISMIC IMPORTANCE FACTOR = 1.00
 - SEISMIC DESIGN CATEGORY = D
 - SDF1 = 0.162
 - SDF2 = 0.330
 - THIS BUILDING IS USING EPOXY. FIRE PROTECTION CONTRACTOR SHALL INSTALL FIRE PIPE IN ACCORDANCE WITH MANUFACTURERS STANDARDS. REFER TO EPOXY PRODUCT DETAILS. CONTRACTOR SHALL ALSO CONFIRM PIPE ROUTING IN POOL BUILDING IS ACCEPTABLE TO ARCHITECT PRIOR TO SUBMITTALS OR BEGINNING WORK.
 - COORDINATE WITH ALL TRADES BEFORE INSTALLATION.

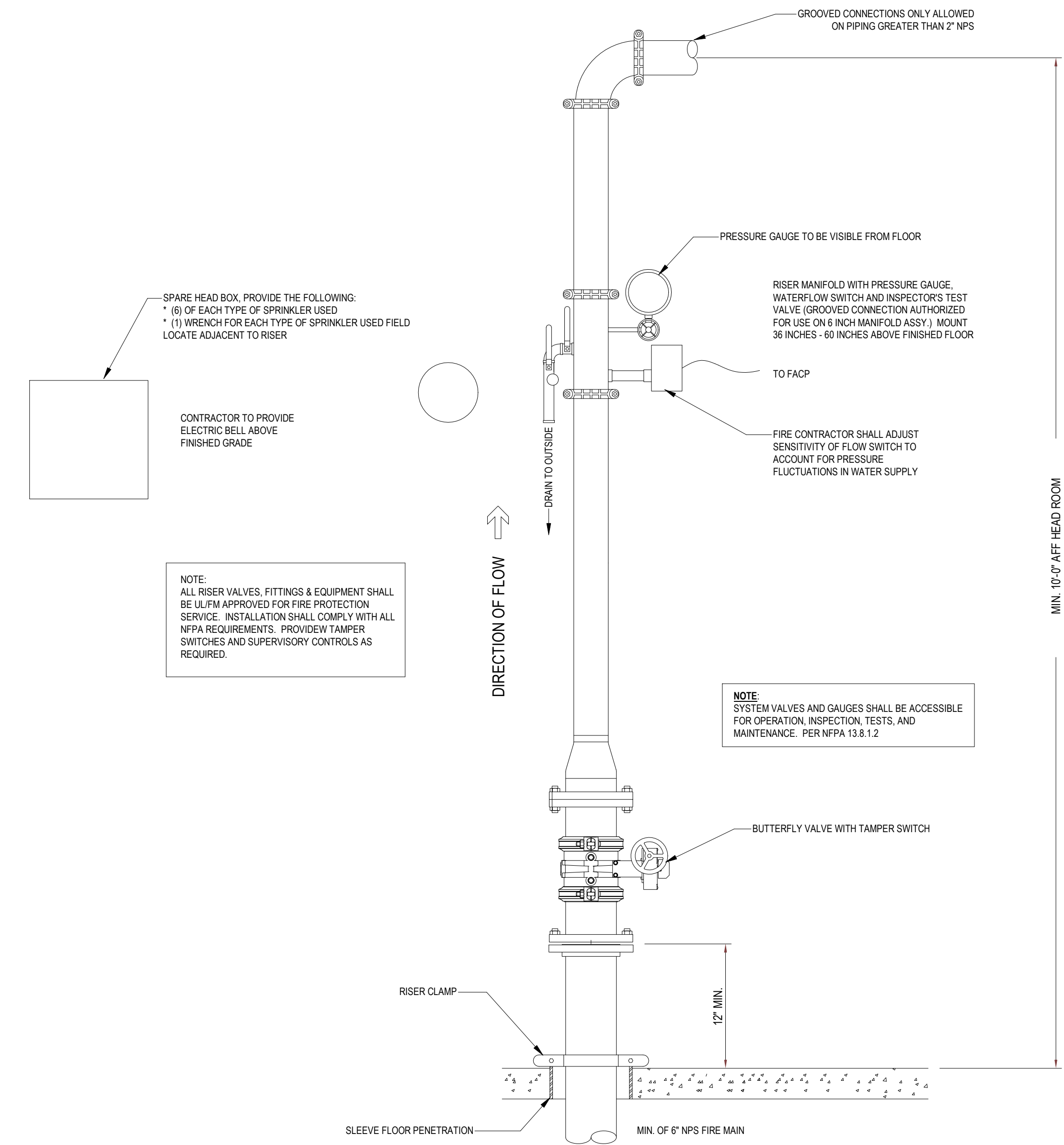
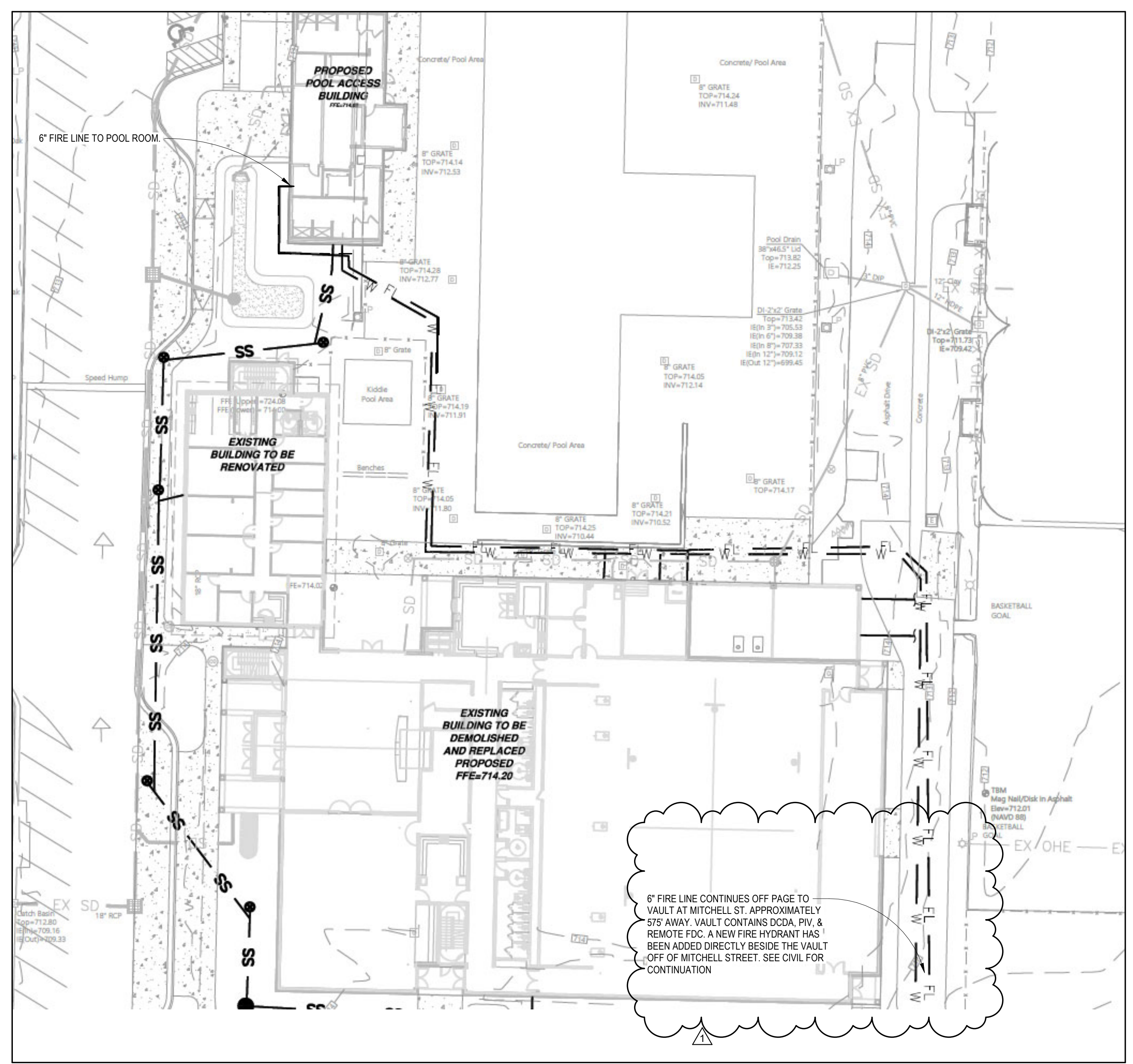
SHOP DRAWING SUBMITTALS

FIRE PROTECTION CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND ASSOCIATED CALCULATIONS, DRAWN AND SIGNED BY A GEORGIA REGISTERED FIRE PROTECTION SPRINKLER CONTRACTOR. PRIOR TO INSTALLATION CONTRACTOR TO OBTAIN THE MOST RECENT HYDRANT TEST THAT MUST BE WITHIN SIX MONTHS OF SUBMITTALS. CONTRACTOR SHALL SUBMIT DRAWINGS TO THE LOCAL FIRE MARSHAL'S OFFICE. DRAWINGS MUST BE APPROVED PRIOR TO INSTALLATION AFTER APPROVAL BY THE MECHANICAL ENGINEER OF RECORD (PROCESSES WITH THE ENGINEER). SHOP DRAWINGS REVIEW STAMP (HYDRANT CALCULATIONS MUST INCLUDE A SAFETY FACTOR OF AT LEAST 10% OR 10 PSI (GREATER OF THE TWO) WITH PIPE SIZING BASED ON VELOCITIES NOT EXCEEDING 30 FT/S. REFER TO NFPA 13 DENSITY/AREA CURVES FIGURE.

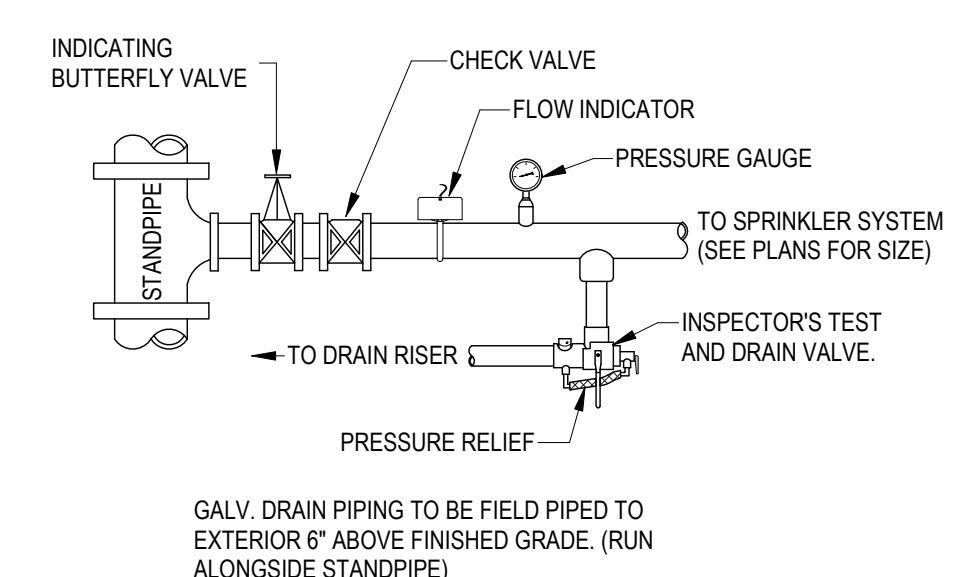
FLOW TEST DATA

PERFORMED BY: DALTON FIRE DEPARTMENT
 TESTERS: HEADRICK 511022
 DATE: MITCHELL ST. NEAR AVENUE C
 LOCATION: F19499
 HYDRANT:
 STATIC PRESSURE: 130 PSI
 RESIDUAL PRESSURE: 100 PSI
 FLOW: 1501 GPM

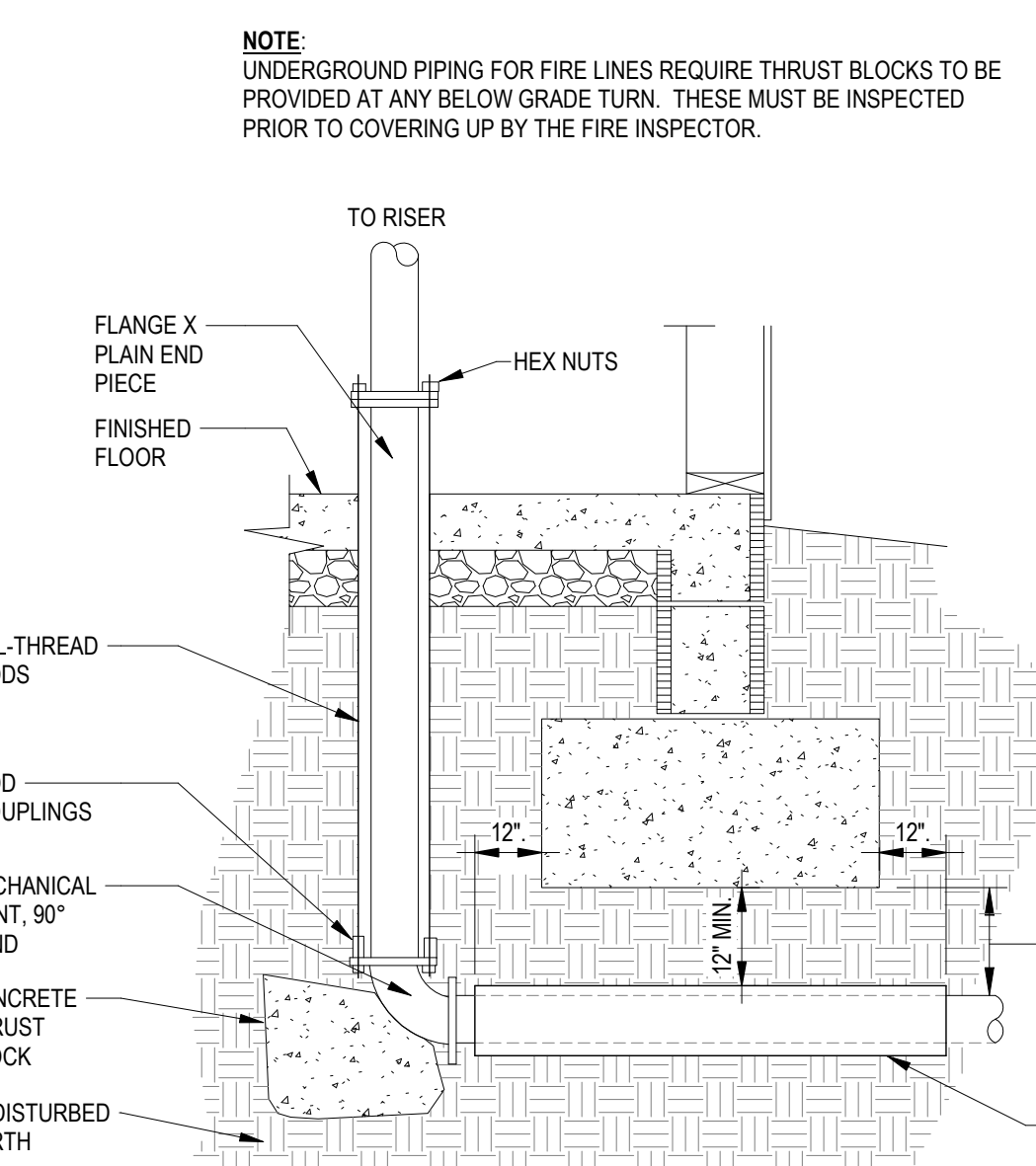
NOTE:
 CONTRACTOR TO REFER TO MOST CURRENT CIVIL PLANS.



FLOOR CONTROL ASSEMBLY NO SCALE

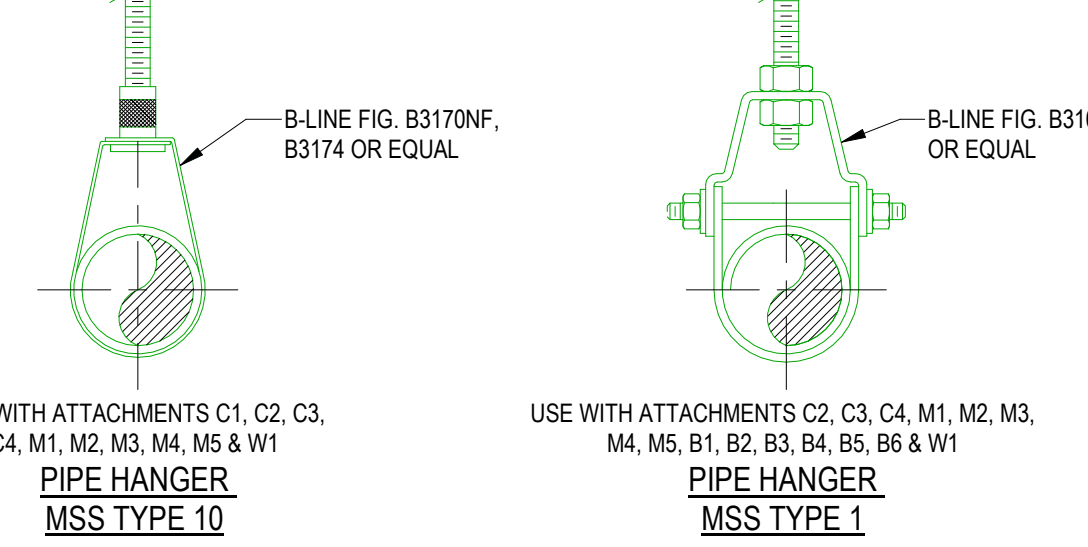


RISER WITH DCDA AND FDC AT VAULT NO SCALE



FIRE SPRINKLER PIPE HANGER SIZE AND SPACING

PIPE SIZE	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"
HANGER ROD SIZE	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"
SCD. 40 STEEL PIPE	x	12.0	12.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
SCD. 10 STEEL PIPE	x	12.0	12.0	12.0	12.0	12.0	x	x	x	x	x
COPPER TUBE	8.0	8.0	10.0	10.0	12.0	12.0	15.0	15.0	15.0	15.0	15.0
CPVC	5.6	6.0	6.6	7.0	8.0	9.0	10.0	x	x	x	x
POLYBUTYLENE (IPS)	x	3.9	4.7	5.0	5.11	x	x	x	x	x	x
POLYBUTYLENE (CTS)	2.11	3.4	3.11	4.5	5.5	x	x	x	x	x	x



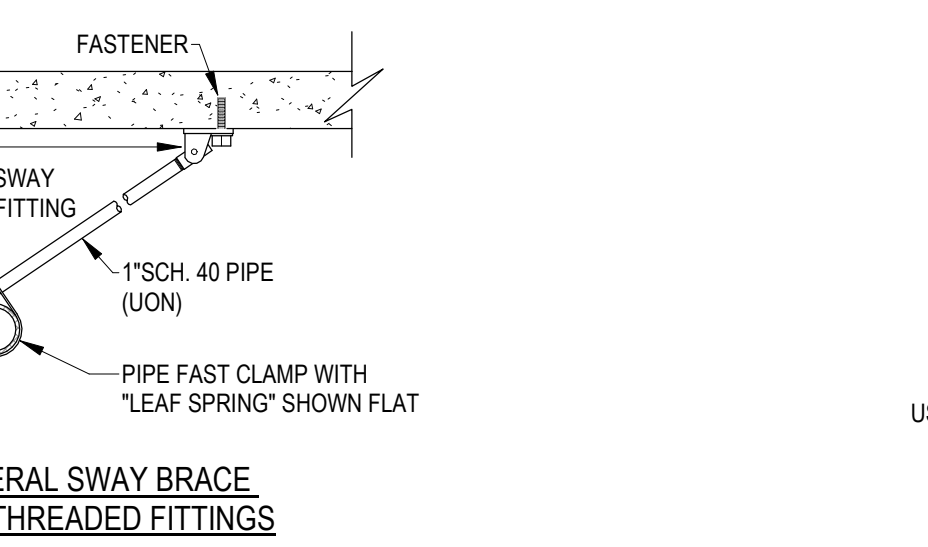
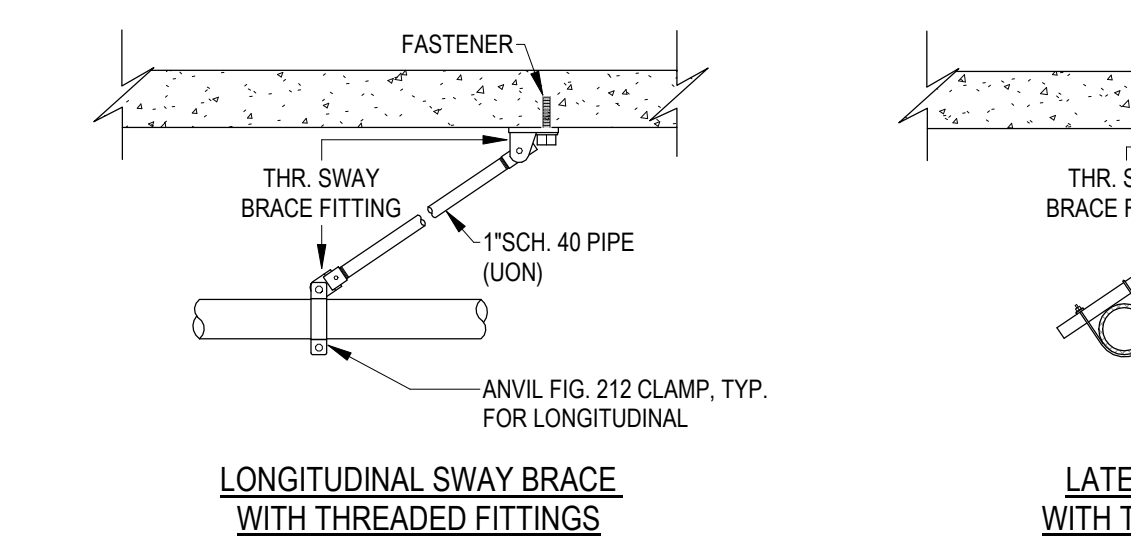
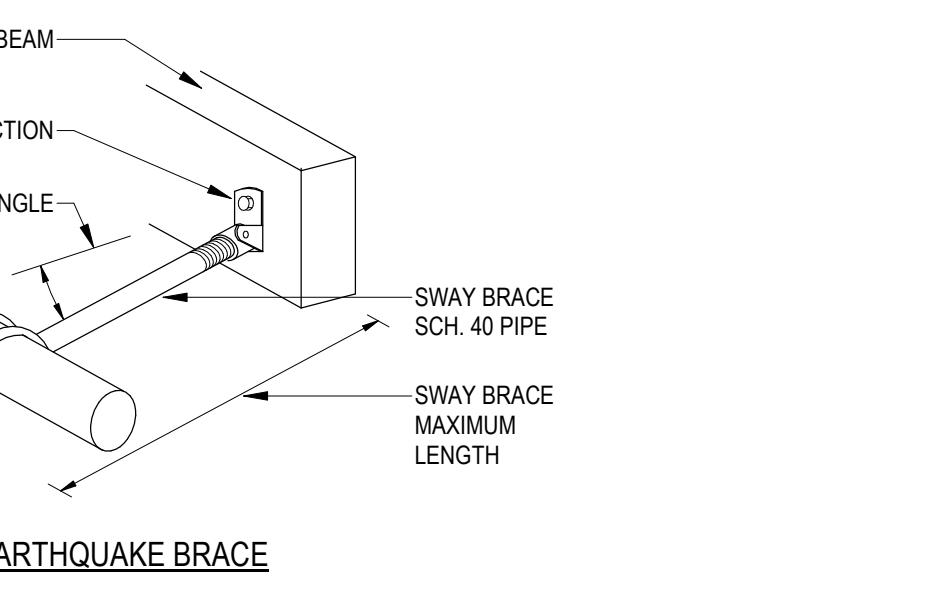
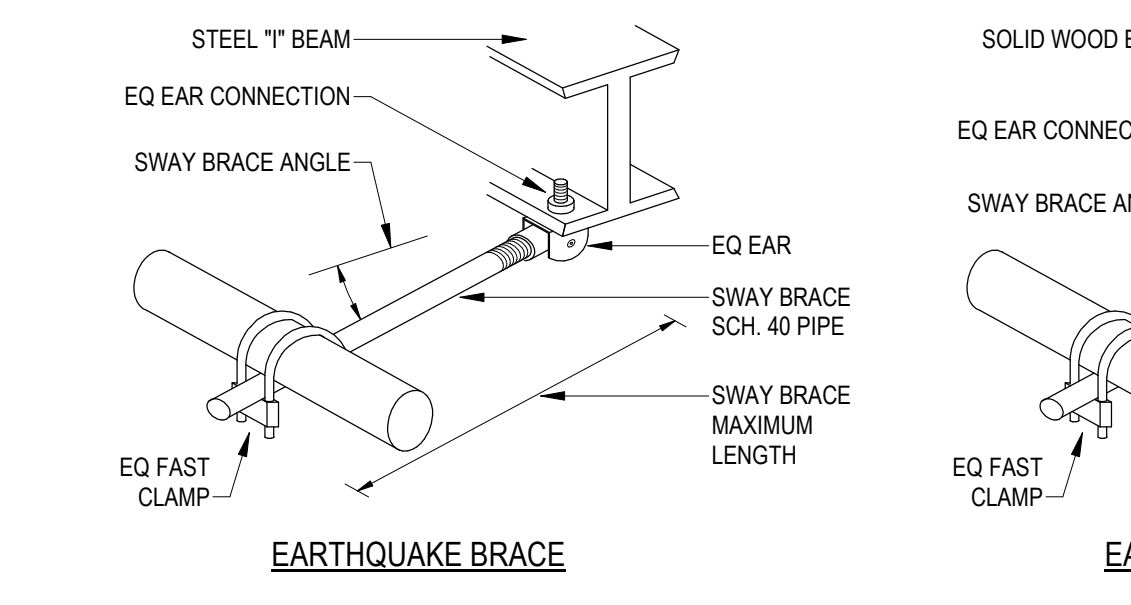
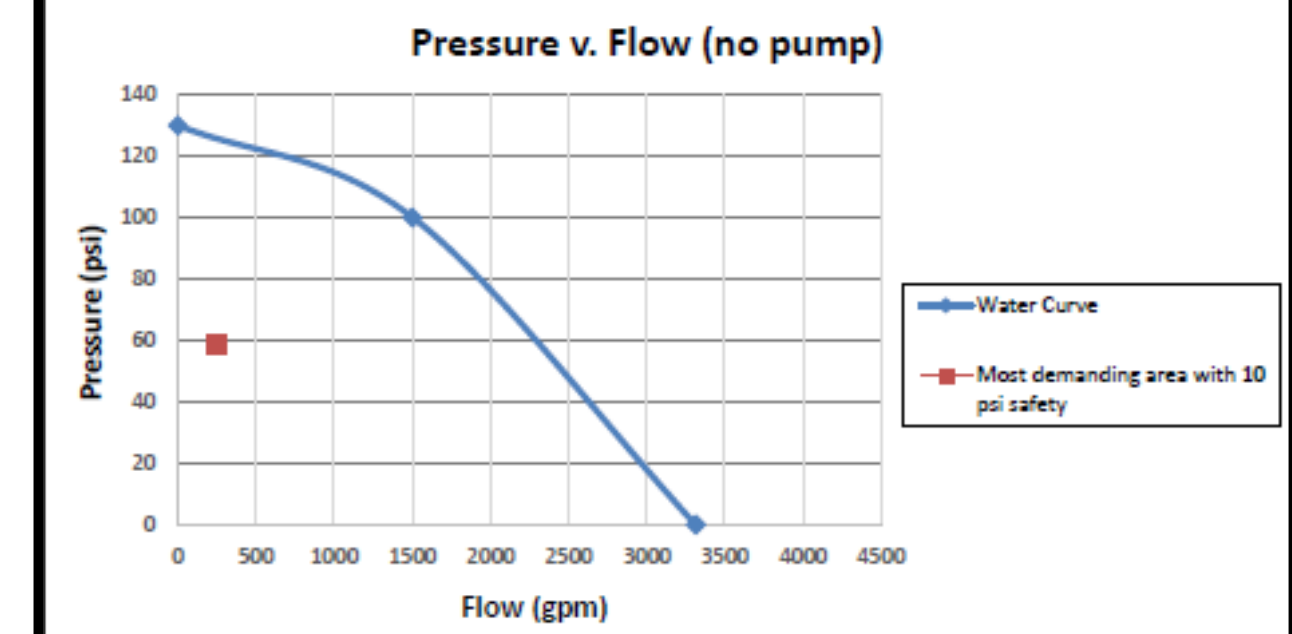
PIPE HANGER SPACING NO SCALE

LEAD-IN UNDERGROUND DETAIL NO SCALE

John Dalton Recreation Center Pool Access Building, Dalton, GA - 22238

Hazard	Light Hazard	Flow rate Q (gpm)	K-factor
Density	0.1	22.5	5.6
Hose Demand	100	5.6	2.5
Total GPM	250	22.5	2.5

Distance from riser to most demanding area	FT	Size (in.)	PSI
Elbows ft loss	77	2 1/2"	4.7
Tees ft loss	12	2 1/2"	0.7
Riser/DDCV loss	12	2 1/2"	0.8
Distance from test hydrant to riser	910	6	3.2
Elevation change - Bottom of riser.	-3		1.3
Elevation - Building	28		12.1
PSI required at most demanding sprinkler			16.1
Total psi loss			49.0
Total psi loss with 10 lb. safety margin			59.0



SEISMIC BRACING NO SCALE

March Adams & Associates
 Consulting Engineers MAA JOB NO. 22238
 310 Dadds Ave. P. O. Box 3689 Chattanooga, Tennessee 37404 (423) 698 6675

LEORG
 PROFESSIONAL ENGINEER
 REG. NO. 02174 2024
 GREGG SIMS
 C. W. VICTORY

DALTON RECREATION

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 REVISIONS RE-ISSUE: 1 April 2024 Addendum No. 3

PAB Fire Protection Site Plan & Notes

REDEVELOPMENT OF THE JOHN DALTON RECREATION CENTER
CITY OF DALTON
 304 CIVIC DRIVE
 DALTON, GEORGIA 30720

GREGG SIMS, ARCHITECT AIA/NCARB/LEED
 304 SELWIDGE STREET | P.O. BOX 219 | DALTON, GEORGIA 30722
 VOICE: 706.226.9776 | FACSIMILE: 706.226.1111 | g@greggsims.com

FP0.01

MANDATORY PRE-BID SIGN-IN SHEET
 RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
 COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

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MANDATORY PRE-BID SIGN-IN SHEET
RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

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JOSEPH MUSA	JMA MASONRY, LLC	678-409-0771	joemusa@bellsouth.net
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MANDATORY PRE-BID SIGN-IN SHEET
RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

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MANDATORY PRE-BID SIGN-IN SHEET
RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

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Cristin Diaz	BARNETT'S PAINTING LLC	706-229-5316	

MANDATORY PRE-BID SIGN-IN SHEET
RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

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MANDATORY PRE-BID SIGN-IN SHEET - VIRTUAL
RENOVATIONS & ADDITIONS TO THE JOHN DAVIS RECREATION CENTER
COMPETITIVE SEALED PROPOSALS FOR TRADE CONTRACTORS

04/09/24

Zoom

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Randy Williams 9:59 AM	Nabco Electric	423-624-0073	rwilliams@Nabcoelectric.com
Bob Begin 10:14 AM	Rockwerk Climbing Walls	978-355-6400	BOB@rockwerkusa.com
Adam P. Chris Melissa Michael	Rockwerk Adventure Solutions		
Vorge Paetz	City of Dalton	706-278-9500	VPaetz@DaltonGA.GOV