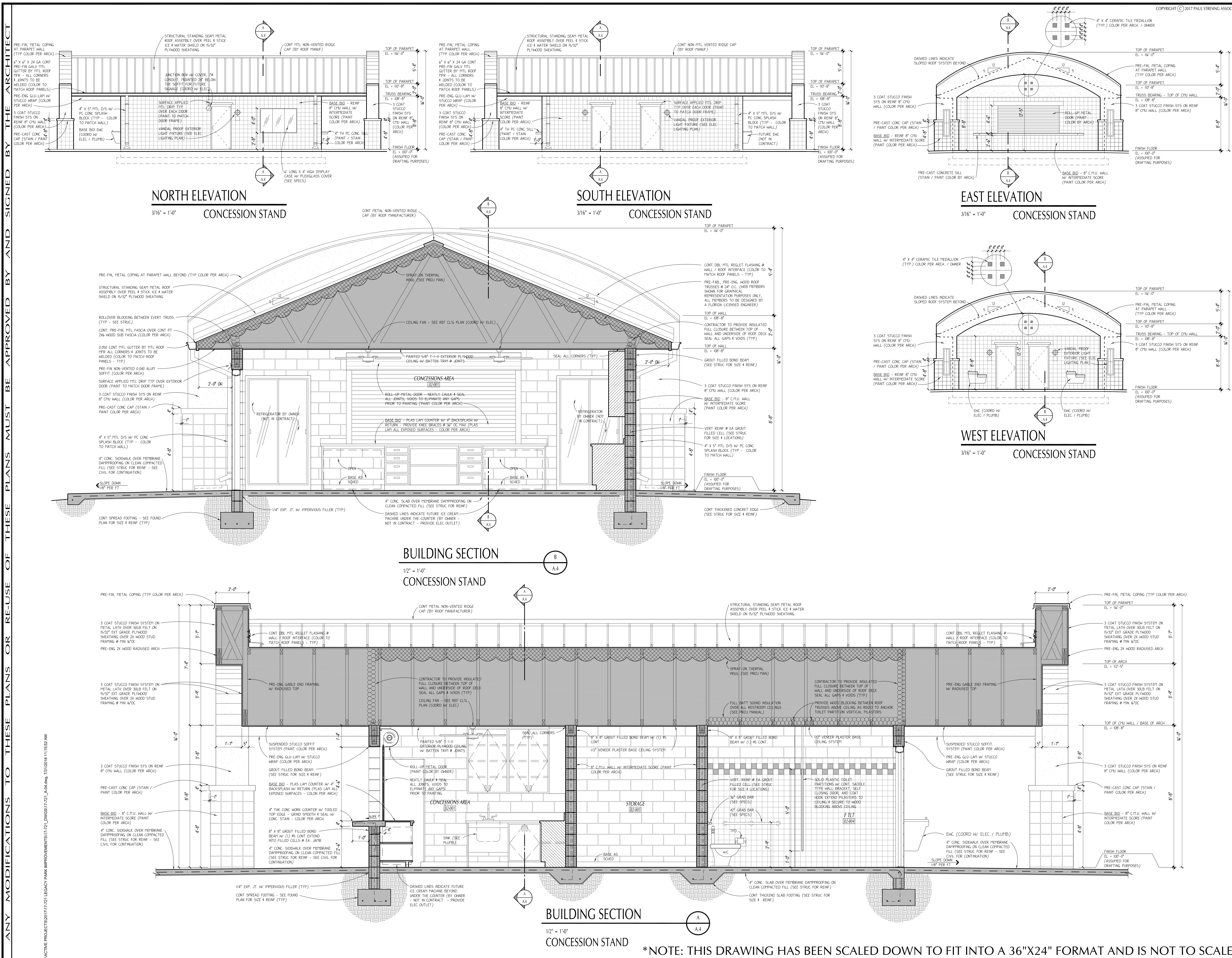


ANY MODIFICATIONS TO THESE PLANS OR REUSE OF THESE PLANS MUST BE APPROVED BY AND SIGNED BY THE ARCHITECT

ACTIVE PROJECTS/2017/1721/LEGACY PARK IMPROVEMENTS/1721_01WSB17.221_LA04.dwg 1/31/2018 11:16:52 AM



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ACTIVE PROJECTS/2017/1721/LEGACY PARK IMPROVEMENTS/1721_01W5817/21_LA-03.dwg 1/31/2018 11:15:54 AM

FLOOR TILE PATTERN LEGEND		
	PRIMARY FIELD COLOR TILE (COOL WHITE / #5899)	
	LIGHT ACCENT COLOR TILE (FIELD GRAY / #5827)	
	MEDIUM ACCENT COLOR TILE (SPOKE BROWN / #5866)	
	DARK ACCENT COLOR TILE (POMEGRANATE RED / #5814)	

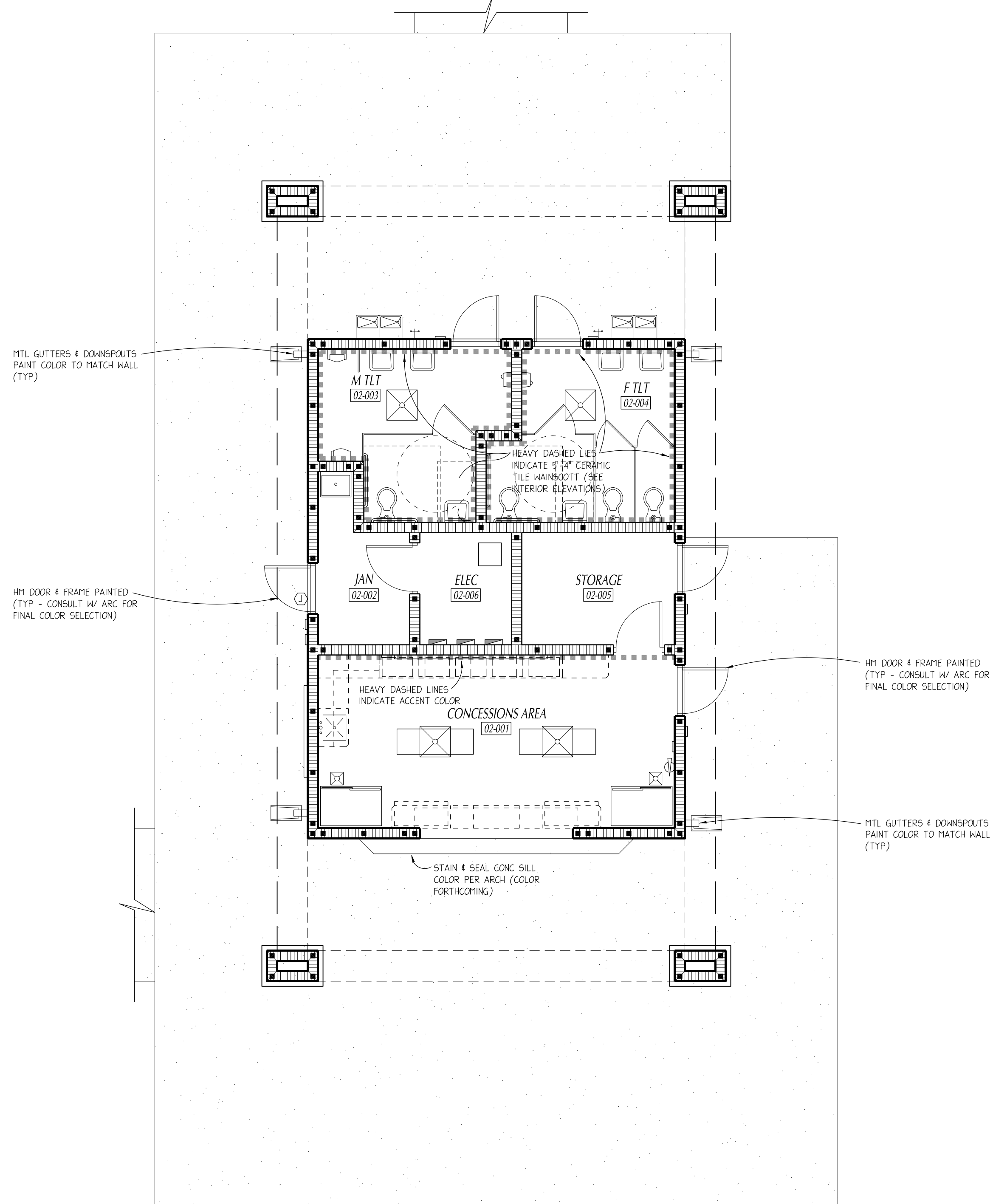
FLOOR TILE PATTERN GENERAL NOTES	
1.	THE DECORATIVE TILE PATTERNS MAY VARY FROM THIS DRAWING. FINAL TILE PATTERNS WILL BE PROVIDED DURING THE SHOP DRAWING PHASE. CONTRACTOR SHOULD ANTICIPATE THE USE OF THREE (3) COLOR PATTERNS: ONE (1) FIELD COLOR AND TWO (2) BORDER TYPE ACCENT COLORS.
2.	VCT TO INCLUDE ACCENT BANDING/PATTERN THAT WILL BE PROVIDED DURING SHOP DRAWING SUBMITTAL & REVIEW PROCESS ONCE SAMPLES ARE SUBMITTED BY CONTRACTOR.

FLOOR TILE PLAN

3/16" = 1'-0"

756 SF

CONCESSIONS BUILDING

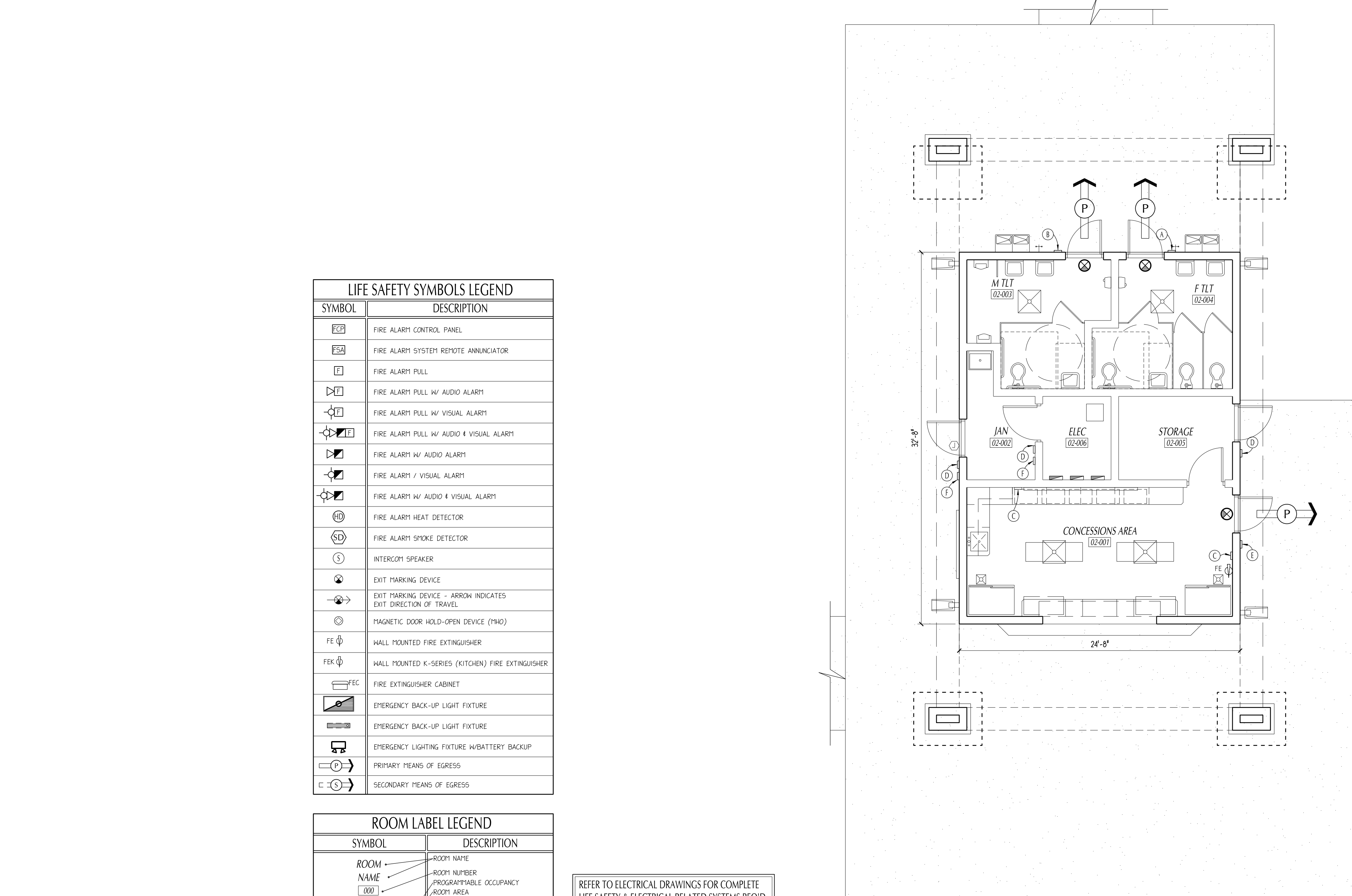


LIFE SAFETY PLAN

3/16" = 1'-0"

806 SF

CONCESSIONS BUILDING



LIFE SAFETY SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM SYSTEM REMOTE ANNUNCIATOR
	FIRE ALARM PULL
	FIRE ALARM PULL w/ AUDIO ALARM
	FIRE ALARM PULL w/ VISUAL ALARM
	FIRE ALARM PULL w/ AUDIO & VISUAL ALARM
	FIRE ALARM w/ AUDIO ALARM
	FIRE ALARM w/ VISUAL ALARM
	FIRE ALARM w/ AUDIO & VISUAL ALARM
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM SMOKE DETECTOR
	INTERCOM SPEAKER
	EXIT MARKING DEVICE
	EXIT MARKING DEVICE - ARROW INDICATES EXIT DIRECTION OF TRAVEL
	MAGNETIC DOOR HOLD-OPEN DEVICE (MHO)
	WALL MOUNTED FIRE EXTINGUISHER
	WALL MOUNTED K-SERIES (KITCHEN) FIRE EXTINGUISHER
	FIRE EXTINGUISHER CABINET
	EMERGENCY BACK-UP LIGHT FIXTURE
	EMERGENCY BACK-UP LIGHT FIXTURE
	EMERGENCY LIGHTING FIXTURE w/BATTERY BACKUP
	PRIMARY MEANS OF EGRESS
	SECONDARY MEANS OF EGRESS

ROOM LABEL LEGEND	
SYMBOL	DESCRIPTION
	ROOM NAME
	ROOM NUMBER
	ROOM NAME & NUMBER
	ROOM NAME & NUMBER & OCCUPANCY
	ROOM NAME & NUMBER & OCCUPANCY & AREA
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE & MAXIMUM OCCUPANCY BY CODE
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE & MAXIMUM OCCUPANCY BY CODE & EGRESS WIDTH PER PERSON
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE & MAXIMUM OCCUPANCY BY CODE & EGRESS WIDTH PER PERSON & FIRE TABLE 100.1.1
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE & MAXIMUM OCCUPANCY BY CODE & EGRESS WIDTH PER PERSON & FIRE TABLE 100.1.1 & MINIMUM EGRESS WIDTH (BY CODE)
	ROOM NAME & NUMBER & OCCUPANCY & AREA & REQUIRED SF PER PERSON BY CODE & MAXIMUM OCCUPANCY BY CODE & EGRESS WIDTH PER PERSON & FIRE TABLE 100.1.1 & MINIMUM EGRESS WIDTH (BY CODE) & ACTUAL EGRESS WIDTH PROVIDED

WALL RATING LEGEND	
SYMBOL	DESCRIPTION
	30 MIN. FIRE RATED WALL
	1 HOUR FIRE RATED WALL
	2 HOUR FIRE RATED WALL
	3 HOUR FIRE RATED WALL
	4 HOUR FIRE RATED WALL (NOT REQ'D)

FIRE EXTINGUISHER REQUIREMENTS	
• NFPA 1, UNIFORM BUILDING CODE, FLORIDA 2005 EDITION SUBSECTION 136.1.2 - PORTABLE FIRE EXTINGUISHERS REQUIRED.	
PORTABLE FIRE EXTINGUISHERS SHALL BE PERMITTED TO BE LOCATED AT EXTERIOR LOCATIONS OR INTERIOR LOCATIONS SO THAT ALL PORTIONS OF THE BUILDING IS WITHIN 15 FT (22.8 FT) OF TRAVEL DISTANCE TO AN EXTINGUISHING UNIT.	

LIFE SAFETY DOOR INFORMATION	
IBC, DOORS TO SWING IN DIRECTION OF TRAVEL IN ALL SPACES WITH OCCUPANCY OF 6 OR MORE	

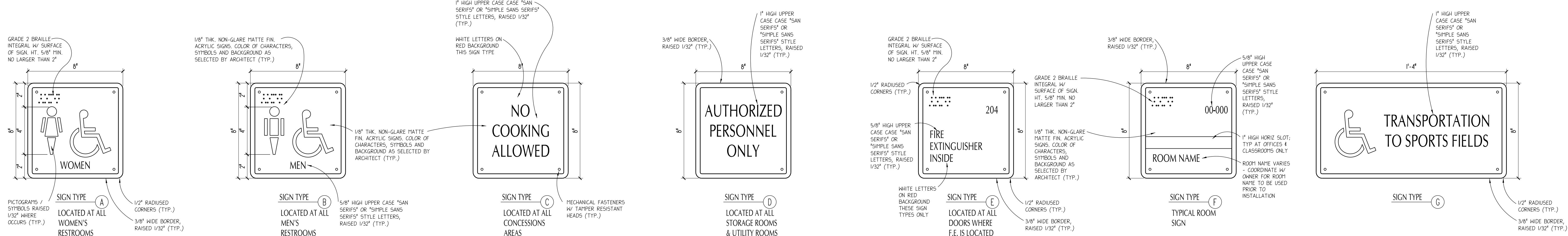
REFER TO ELECTRICAL DRAWINGS FOR COMPLETE LIFE SAFETY & ELECTRICAL RELATED SYSTEMS REQ'D FOR CODE COMPLIANCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO INCLUDE LIFE SAFETY DEVICES ON THIS PLAN. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO COORDINATE WITH INDIVIDUAL DISCIPLINES. ANY & ALL DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

LIFE SAFETY SIGNAGE	
IBC, INSTALLATION OF FLUORESCENT SIGN IS REQUIRED IN ALL SPACES WITH OCCUPANCY OF 50 OR MORE; SIGNAGE TO BE LOCATED ADJACENT TO THE MAIN ENTRANCE DOOR	
IBC, INSTALLATION OF EMERGENCY EVACUATION ROUTE SIGNAGE SHOWING PRIMARY & EMERGENCY EVACUATION ROUTES (EACH CLEARLY INDICATED BY CONTRASTING COLOR & NUMBER) IS REQUIRED IN ALL SPACES WITH AN OCCUPANCY OF 6 OR MORE; SIGNAGE TO BE LOCATED ADJACENT TO THE PRIMARY EXIT DOOR	

APPLICABLE CODES & STANDARDS	
• 2007 FLORIDA BUILDING CODE (6th EDITION)	
• 2007 FLORIDA MECHANICAL CODE (6th EDITION)	
• 2007 FLORIDA PLUMBING BUILDING CODE (6th EDITION)	
• NFPA 1 (2005), FIRE CODE	
• NFPA 10 (2004), NATIONAL ELECTRIC CODE	
• ACCESSIBILITY CODE FOR ADULTS - FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION - CHAPTER 11 OF FLORIDA BUILDING CODE 2004	
• 2005 NFPA LIFE SAFETY CODE	
• OTHER STANDARDS AS REFERENCED OR SPECIFIED IN OTHER SECTIONS	

LIFE SAFETY INFORMATION	
• GROUP 5-2 (LOW HAZARD STORAGE)	
• TYPE 3B CONSTRUCTION	
• AUTOMATIC SPRINKLER SYSTEM AS REQUIRED BY CODE (NBS 2.2.2.FBC.)	
THIS BUILDING DOES NOT HAVE AN AUTOMATIC SPRINKLER SYSTEM	
ALLOWABLE BUILDING AREA (TABLE 503.FBC.)	
• GROUP 5-2 (LOW HAZARD STORAGE) TYPE VB - 13,500 SF PER FLOOR (THIS BLDG. 806 SF)	
• ALLOWABLE # OF FLOORS - 2 FLOOR (THIS BLDG. HAS ONE FLOOR)	
BUILDING AREA	
1st FLOOR - 806 SF	
TOTAL - 806 SF	
SEPARATION DISTANCE	
ADJACENT ADJACENT BLDG IS TYPE 3B CONSTRUCTION	
SEPARATION - 3'	
EXTERIOR WALLS FIRE RESISTANCE RATING REPT - 0 (TABLE 602.FBC.)	
MAX AREA OF EXTERIOR OPENINGS - NO LIMIT (TABLE 704.8.4)	
FIRE RESISTANCE (TABLE 601)	
CONSTRUCTION TYPE 3B	
STRUCTURAL FRAME	0 HR
BEARING WALLS	0 HR
NONLOAD BEARING WALLS	0 HR
FLOOR CONSTRUCTION	0 HR
ROOF CONSTRUCTION	0 HR
• SUMMARY - TYPE 3B DOES NOT HAVE ANY RATED BUILDING COMPONENTS	

LIFE SAFETY PLAN GENERAL NOTES	
1. THIS STRUCTURE SHALL HAVE A COMPLETE FIRE ALARM SYSTEM.	
2. THIS BUILDING IS DIVIDED INTO SPOKE AREAS OF LESS THAN 30,000 SQUARE FEET w/1-HR RATED WALL ASSEMBLY.	
3. REFER TO ELECTRICAL DWGS FOR EXACT MOUNTING REQ OF EXIT SIGNS.	
4. REFER TO ELECTRICAL DWGS FOR EXACT MOUNTING OF EMERGENCY LIGHTING.	
5. REFER TO MECHANICAL DRAWINGS FOR ALL SPOKE, HEAT DETECTORS, & DAMPERS.	
6. ALL FIRE & SPOKE BARRIERS & WALLS SHALL PERMANENTLY IDENTIFIED WATERPROOFING & RED PAINT ABOVE ALL CEILINGS OR CONCEALED SPACES. MINIMUM HEIGHT OF RED TEXT TO BE 2"; MINIMUM 12"-0" O.C. MINIMUM OF ONE PER WALL. THE HOURLY RATING SHALL BE IDENTIFIED, WORDING TO READ "H" - HOUR FIRE & SPOKE BARRIER - PROTECT ALL OPENINGS.	
7. FBC EMERGENCY EVACUATION FLOOR PLANS ARE TO BE POSTED ADJACENT TO PRIMARY EXITS OF EACH STUDENT OCCUPIED SPACE 4 IN SPACES CONTAINING GREATER THAN (4) OCCUPANTS.	
8. FBC MAXIMUM CAPACITY SIGNAGE.	
POINT SIGNS AT ENTRY DOORS OF ALL SPACES w/CAPACITY OF 50 OR MORE OCCUPANTS.	
9. FOR LIFE SAFETY SIGNAGE, REFER TO SIGNAGE DETAILS ON SHEET.	
10. REFER TO OVERALL LIFE SAFETY PLAN FOR AREA ZONES OF 30,000 SF MAX.	



HANDICAPPED & ROOM IDENTIFICATION SIGNAGE

3" = 1'-0"

*NOTE: THIS DRAWING HAS BEEN SCALED DOWN TO FIT INTO A 36"X24" FORMAT AND IS NOT TO SCALE

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REGISTRATION NO. AR0013985
PROPOSAL NO. 1721

CITY OF ALACHUA
LEGACY PARK IMPROVEMENTS
ALACHUA, FLORIDA

REVISIONS
DATE: _____
ARCHITECT'S SEAL

LIC. NO. AR0013985
SHEET NO. A.5

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FOOTING SCHEDULE					
FOOTING MARK	FOOTING SIZE		FOOTING REINFORCEMENT		COMMENTS
	T	W X L	BOTTOM	TOP	
TS-8	0'-8"	0'-8" X CONT.	(1) # 5 CONT.	-	AT SIDEWALKS & EDGE OF GRASS / LANDSCAPING.
TS-16	2'-4"	1'-4" X CONT.	(2) # 6 CONT.	-	THICKENED SLAB
WF-20	1'-0"	1'-8" X CONT.	(3) # 5 CONT & #4 @ 12" OC TRANS	-	WALL FOOTING

- FOUNDATION PLAN NOTES
- 1

4" SLAB ON GRADE OVER PREPARED SUB-GRADE AS SPECIFIED. REINF. SLAB W/ 6X6 W4 X W4 WIRE MESH @ 12" OF SLAB. (OR USE FIBER REINF CONC.). PROVIDE 6 MIL POLYETHYLENE BARRIER BETWEEN SLAB AND SUB-GRADE. (SUB-GRADE TO BE TERMITES TREATED).
- 2
- REFER TO XXXX FOR CONTROL JOINT INFO FOR SLAB ON GRADE.

3

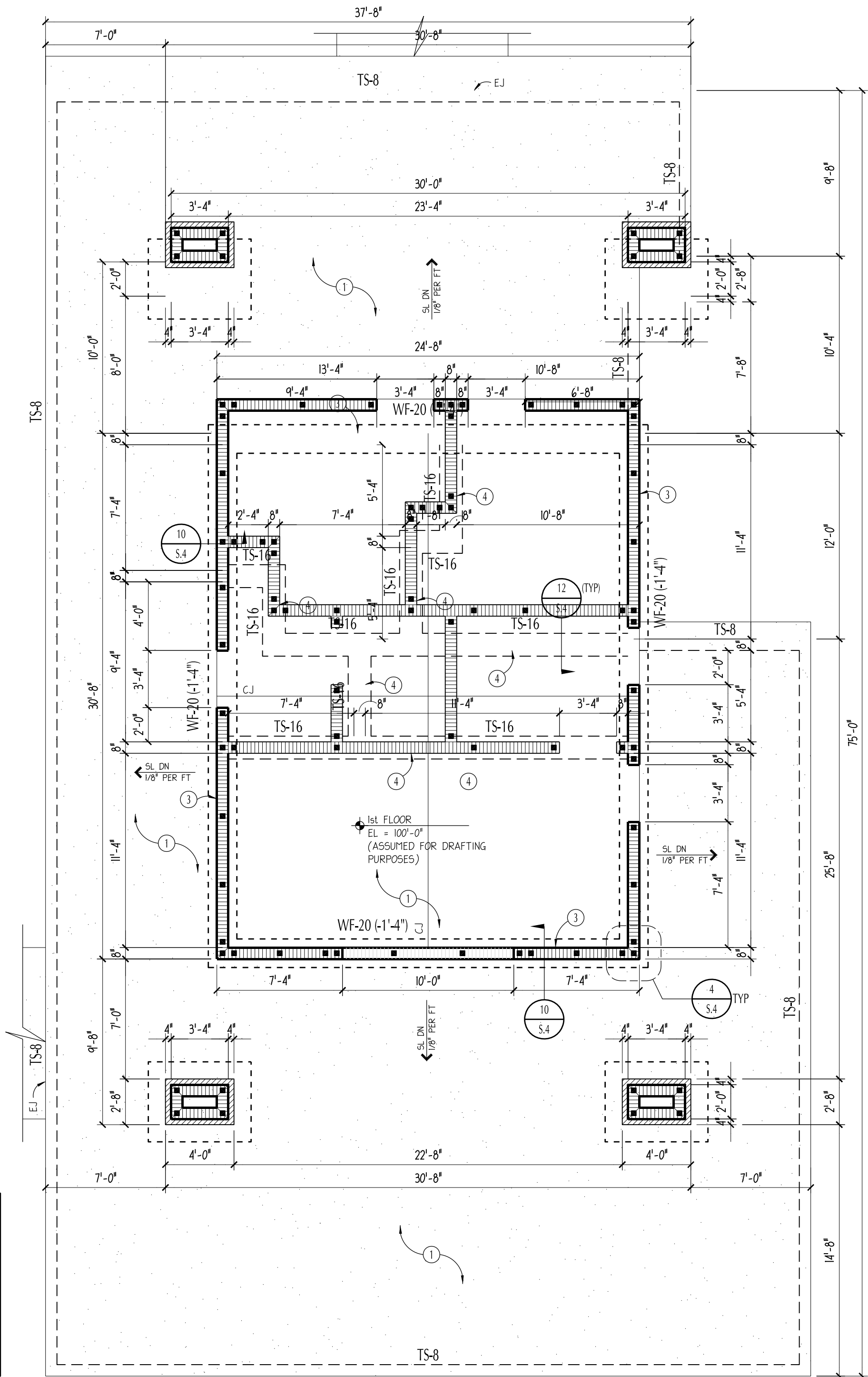
TYP #4 CHU WALL REINF W/ (1) #5 @ 48" OC VERT (AND). USE LADDER TYPE REINFORCING IN BED JOINTS @ 16" OC PER GENERAL NOTES UNLESS NOTED OTHERWISE. ONE #6 BAR @ ALL CORNERS & SIDES OF ALL OPENINGS AT LOAD BEARING EXTERIOR PERIMETER WALLS.

4

5

6


7



FOUNDATION PLAN

3/16" = 1'-0"

CONCESSIONS BUILDING



NORTH
(FOR DRAFTING
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REVISIONS
DATE
ITEM

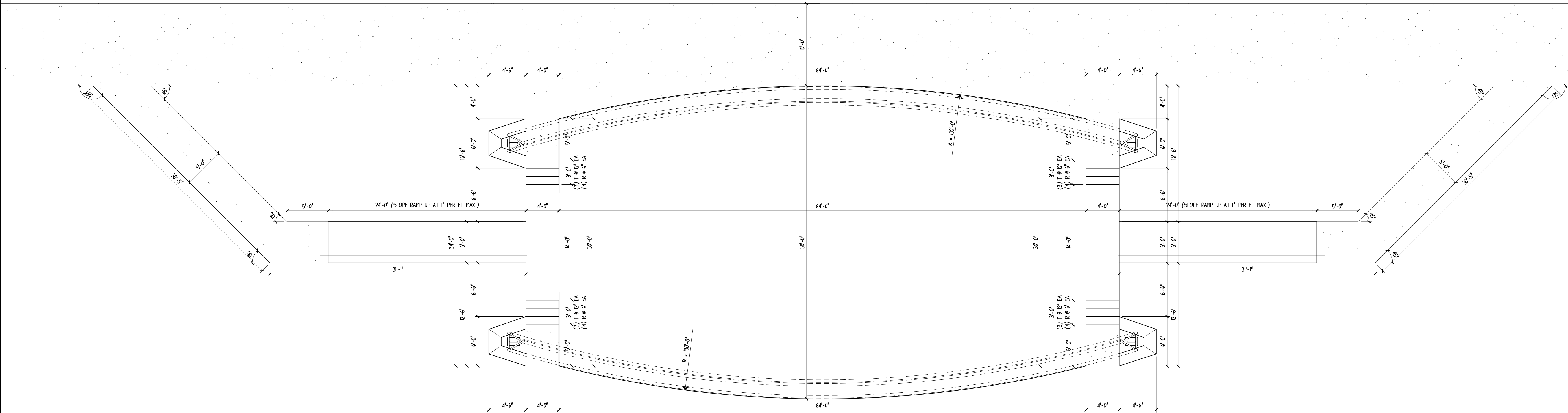
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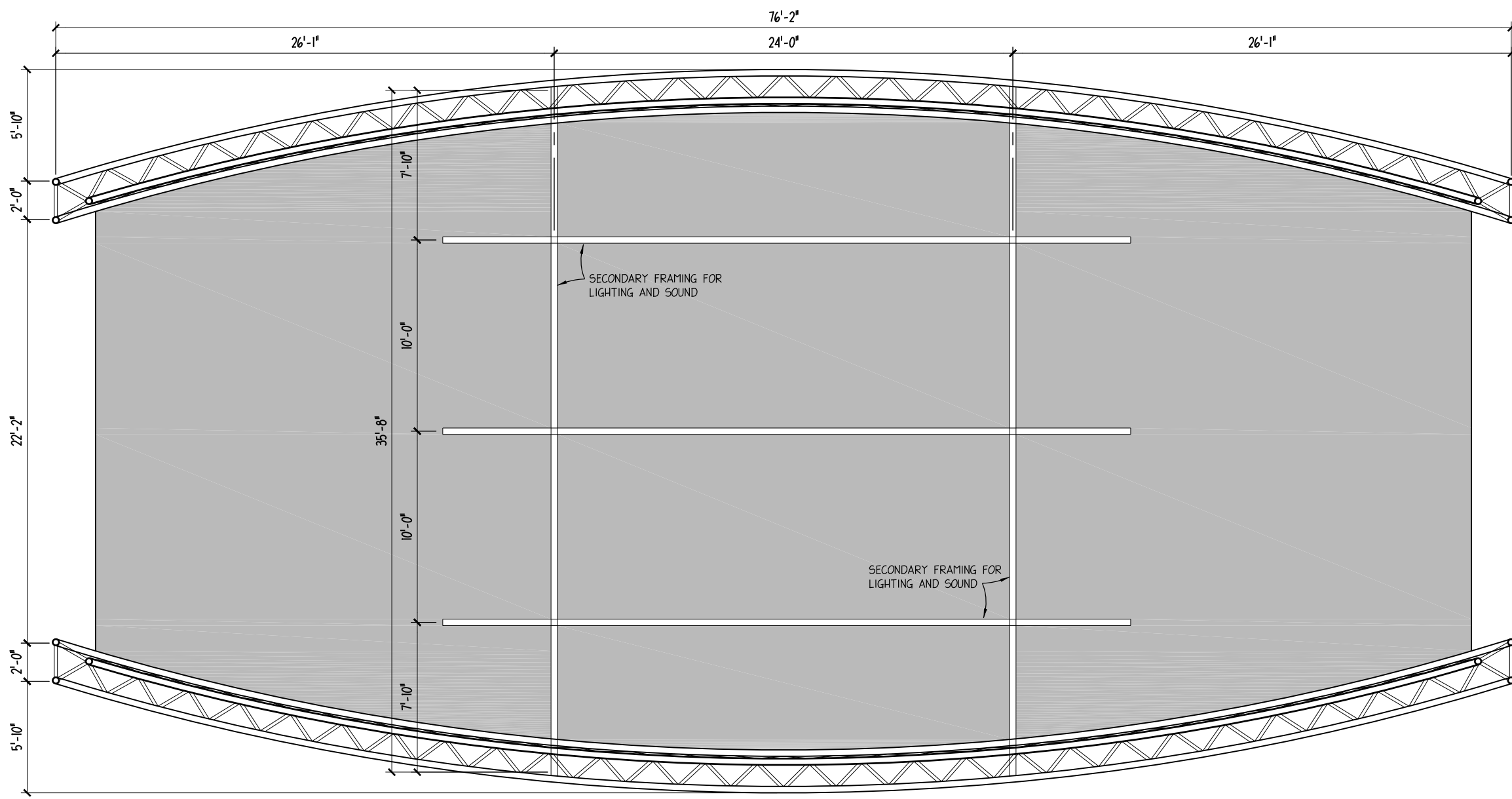
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FLOOR PLAN

3/16" = 1'-0"

2,262 SF
AMPHITHEATER



REFLECTED CEILING PLAN

3/16" = 1'-0"

AMPHITHEATER



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DRAWN BY: JAY END
DATE: 2018
PROPOSAL NO: 17271

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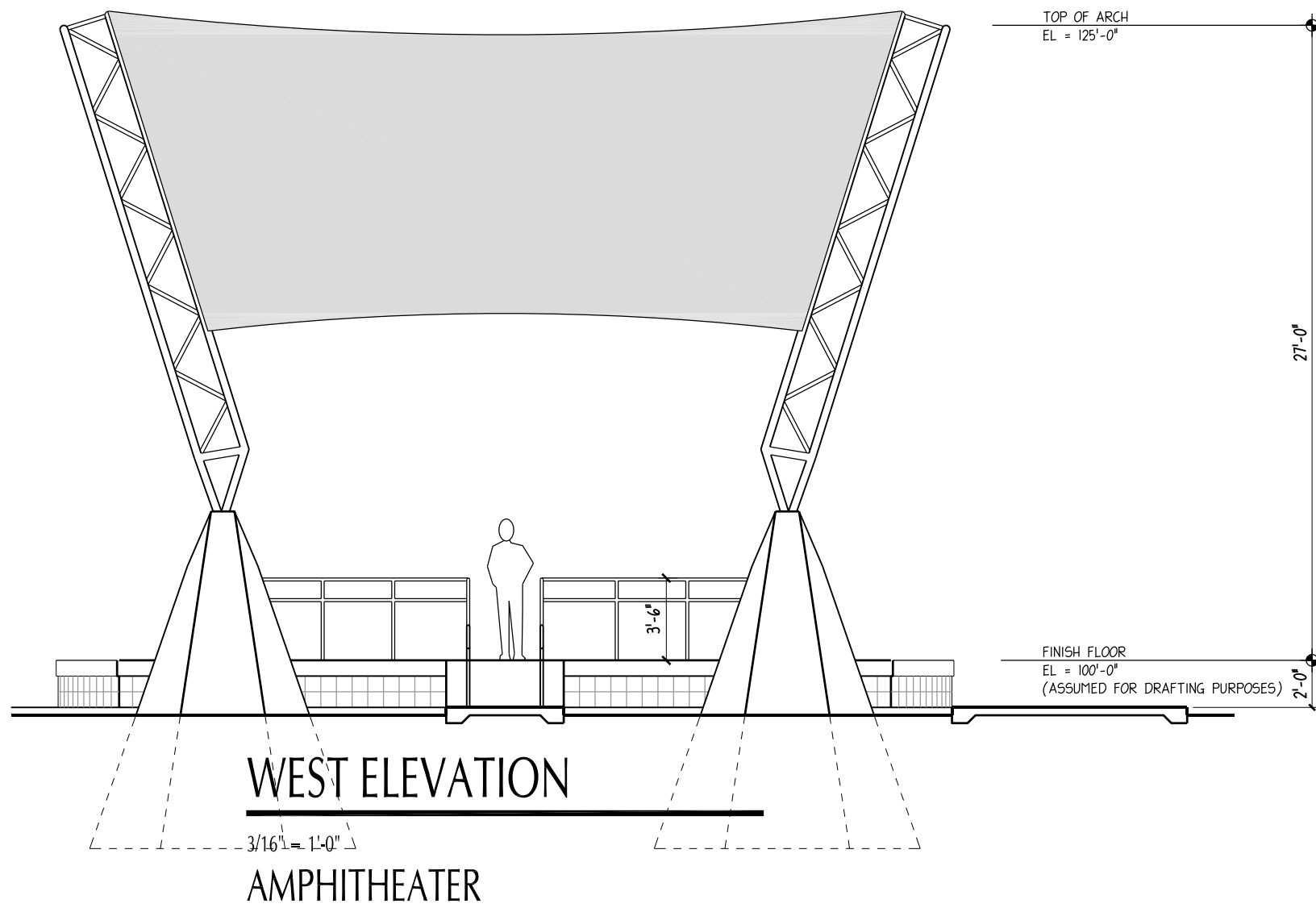
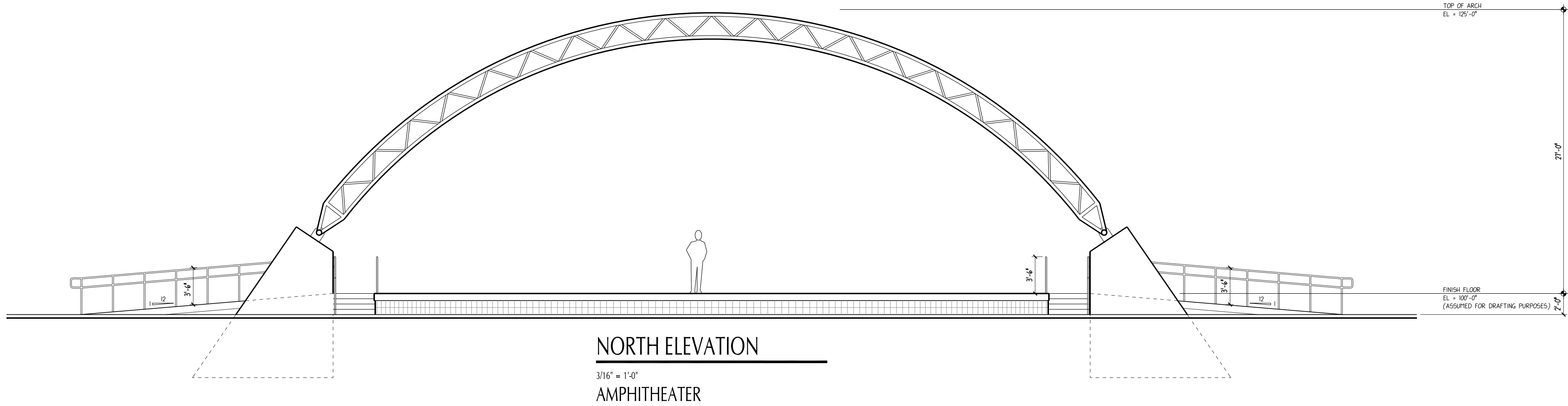
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A.11

ARCHITECT'S SEAL

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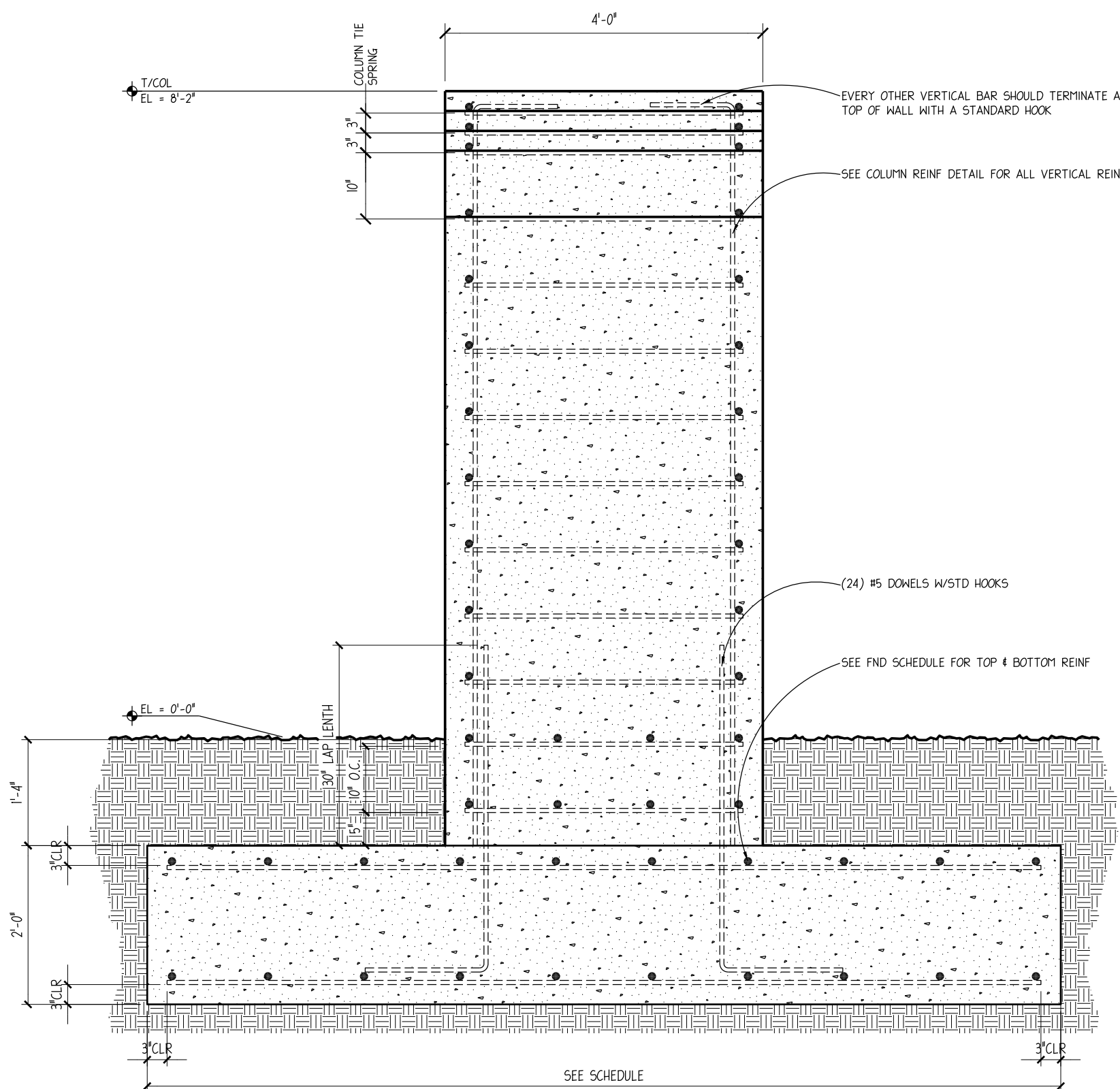
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LEGACY PARK IMPROVEMENTS
ALACHUA, FLORIDA

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JAY END
DATE:
2018
PROPOSAL NO.
17271

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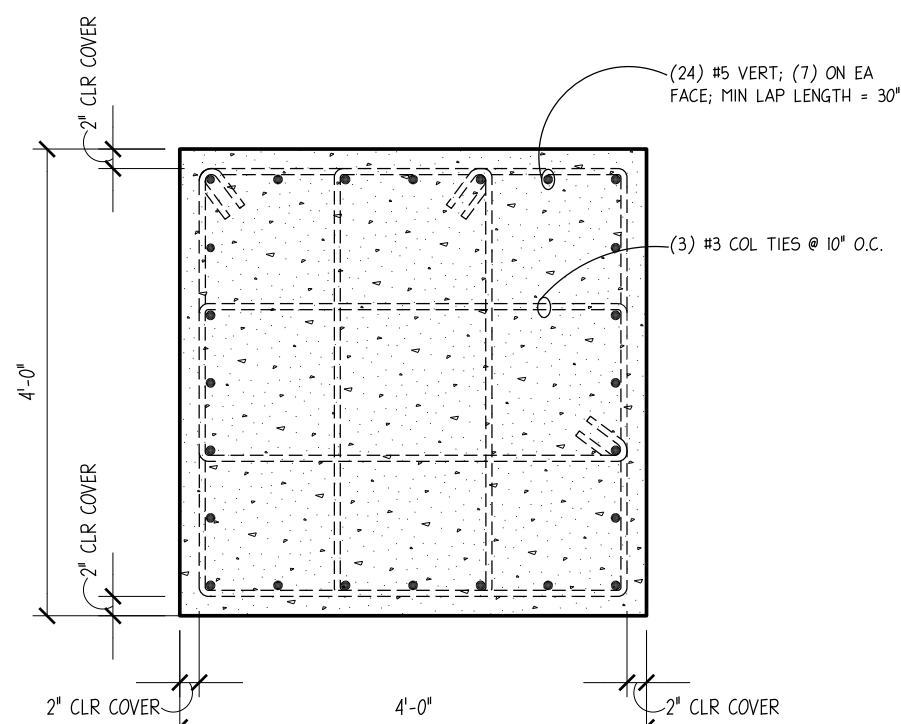
CONCRETE COLUMN DETAIL

$$3/4'' = 1'-0''$$

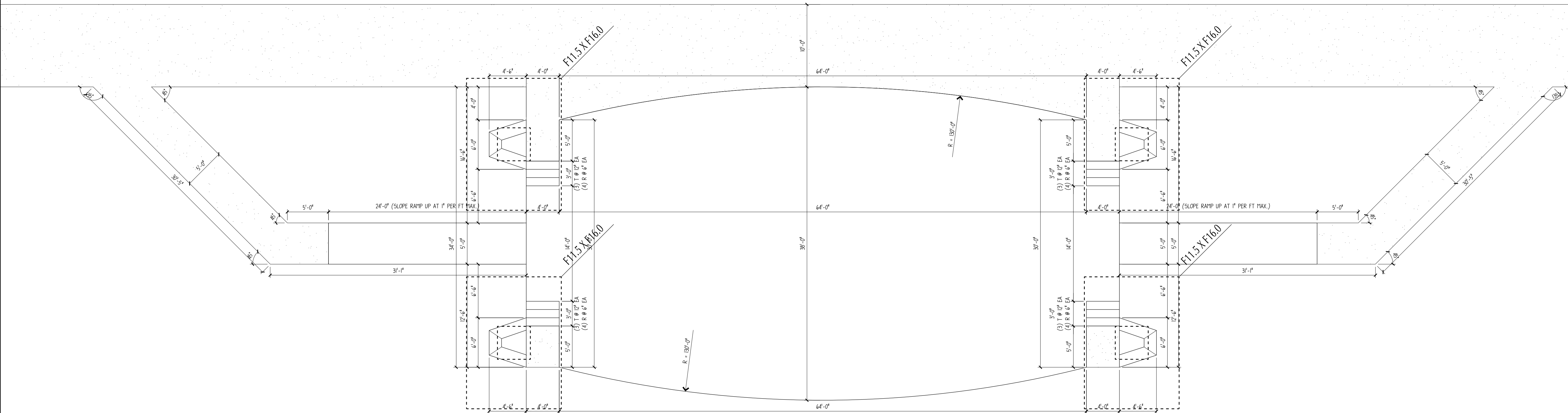
FOOTING SCHEDULE				
FOOTING MARK	FOOTING SIZE		FOOTING REINFORCEMENT	
	T	W x L	BOTTOM	TOP
F11.5 x F16.0	2'-0"	11'-6" x 16'-0"	(10) #6 LONGWAYS (16) #6'S SHORTWAYS	(10) #6 LONGWAYS (16) #6'S SHORTWAYS

FOOTING SCHEDULE

2
S.1



PIER REINFORCEMENT DETAIL

$$3/4'' = 1'-0''$$


FOUNDATION PLAN






$$3/16'' = 1'-0$$

AMPHITHEATER














































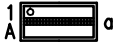

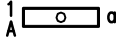
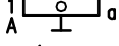
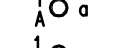
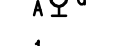
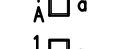

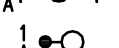
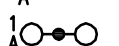


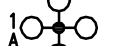



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- | | |
|---|--|
|  | WALL MOUNTED TELEPHONE OUTLET.
UON CENTERLINE MOUNTED 18" AFF |
|  | WALL MOUNTED DATA COMMUNICATION OUTLET.
UON CENTERLINE MOUNTED 18" AFF |
|  | FLOOR MOUNTED COMMUNICATION OUTLET |
|  | POWER/DATA COMMUNICATION POLE AS INDICATED. WITH
(2) 20A 120V DUPLEX RECEPTACLES. |
|  | COMMUNICATION EQUIPMENT RACK, SEE SPECIFICATIONS. |

- PULL STATION. UON CENTERLINE MOUNTED 48" AFF.
- UON CENTERLINE MOUNTED 80" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER.
- STROBE. CEILING MOUNTED 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- HORN/STROBE. MOUNTED 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- CHIME/STROBE. MOUNTED 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER.
- HEAT DETECTOR CEILING MOUNTED
- SMOKE DETECTOR CEILING MOUNTED
- DUCT MOUNTED SMOKE DETECTOR
- FIRE ALARM CONTROL PANEL
- UON MOUNT TOP OF ENCLOSURE 82" AFF.
- FIRE ALARM POWER SUPPLY
- UON MOUNT TOP OF ENCLOSURE 72" AFF.
- FIRE ALARM SYSTEM REMOTE ANNUNCIATOR
- UON MOUNT TOP OF ENCLOSURE 68" AFF.
- FLOW SWITCH
- TAMPER SWITCH
- SHUT-DOWN RELAY
- MAGNETIC DOOR HOLDER
- REMOTE ALARM INDICATOR WITH TEST SWITCH. FLUSH. CENTERLINE MOUNTED. (WALL MOUNTED, CENTER LINE 48" AFF IN MECHANICAL ROOMS).
- HALON CONTROL PANEL
- UON MOUNT TOP OF ENCLOSURE 66" AFF
- FIRE ALARM TRANSDUCER
- UON MOUNT TOP OF ENCLOSURE 66" AFF
- FIRE SERVICE JACK
- UON CENTERLINE MOUNTED 48" AFF
- FIRE SERVICE HANDSET
- UON CENTERLINE MOUNTED 48" AFF
- FIRE DAMPER (FURNISHED UNDER DV. 15.)
- SMOKE DAMPER (FURNISHED UNDER DV. 15.)
- FIRE SMOKE DAMPER. (FURNISHED UNDER DV. 15.)

- | | |
|---|---|
| | HOMERUN TO PANEL INDICATED (CONCEALED). MINIMUM 3/4" UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL CONDUCTORS. FOR HOMERUNS EXCEEDING 100' IN LENGTH PROVIDE #10 CONDUCTORS IN LIEU OF #12 AS INDICATED ABOVE. THERE SHALL BE A MAXIMUM OF 3 BRANCH CIRCUITS PER HOMERUN (AS INDICATED ON PLANS). TEXT SHOWN BY HOMERUN INDICATES PANELBOARD DESIGNATION AND CIRCUIT NUMBER(S). |
|  | CONDUIT CONCEALED IN WALL OR ABOVE CEILING SPACE. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 1/2". |
|  | UNDERGROUND CONDUIT OR BELOW SLAB. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 3/4". |
|  | EXISTING CONDUIT. AS INDICATED. |
|  | UNDERGROUND POWER DUCT BANK. AS INDICATED. |
|  | UNDERGROUND COMMUNICATIONS DUCT BANK. AS INDICATED. |
|  | OVERHEAD LINE. AS INDICATED. |
|  | MANHOLE. SEE SPECIFICATIONS. |
|  | HAND HOLE. SEE SPECIFICATIONS. |
|  | CEILING OR WALL MOUNTED JUNCTION BOX. UON SIZE AS REQUIRED BY NEC. |
|  | FLOOR MOUNTED JUNCTION BOX. UON SIZE AS REQUIRED BY NEC. |
|  | MOTOR. AS INDICATED. |
|  | TRANSIENT VOLTAGE SURGE SUPPRESSION AS INDICATED |
|  | SINGLE PUSHBUTTON. UON CENTERLINE MOUNTED 48" AFF |
|  | PUSH PLATE. UON CENTERLINE MOUNTED 48" AFF |
|  | 400/277V, PANELBOARD. |
|  | 208/120V, PANELBOARD. |
|  | 208/120V, DISTRIBUTION PANELBOARD. |
|  | 400/277V, DISTRIBUTION PANELBOARD. |
|  | MISCELLANEOUS PANELBOARD. AS INDICATED. |
|  | DRY TYPE TRANSFORMER. AS INDICATED. |
|  | HEAVY DUTY DISCONNECT SWITCH. NON FUSIBLE. SEE SPECIFICATIONS. UON MOUNT OF ENCLOSURE 66" AFF. |
|  | HEAVY DUTY FUSIBLE DISCONNECT SWITCH. FUSED AS INDICATED ON PLANS. SEE SPECIFICATIONS. UON MOUNT OF ENCLOSURE 66" AFF. |
|  | HEAVY DUTY FUSIBLE COMBINATION STARTER/DISCONNECT SWITCH. SEE SPECIFICATIONS. UON MOUNT TOP OF ENCLOSURE 66" AFF. |
|  | MAGNETIC MOTOR STARTER. UON MOUNT TOP OF ENCLOSURE 66" AFF. SEE SPECIFICATIONS. |
|  | VARIABLE FREQUENCY DRIVE AS INDICATED. UON MOUNT TOP OF ENCLOSURE 72" AFF |
|  | ENCLOSED CIRCUIT BREAKER. AS INDICATED. |
|  | SINGLE RECEPTACLE. 20A 120V UON CENTERLINE MOUNTED 18" AFF |
|  | DUPLEX RECEPTACLE. 20A 120V UON CENTERLINE MOUNTED 18" AFF |
|  | DUPLEX RECEPTACLE. 20A 120V UON CENTERLINE MOUNTED 42" AFF |
|  | 50A 1X 240V RECEPTACLE. UON CENTERLINE MOUNTED 18" AFF |
|  | DOUBLE DUPLEX RECEPTACLE OUTLET. 20A 120V UON CENTERLINE MOUNTED 18" AFF. |
|  | DOUBLE DUPLEX RECEPTACLE OUTLET. 20A 120V UON CENTERLINE MOUNTED 42" AFF. |
|  | SPLIT RECEPTACLE. 20A 120V UON CENTERLINE MOUNTED 18" AFF |
|  | CONTROLLED DUPLEX RECEPTACLE. 20A 120V UON CENTERLINE MOUNTED 18" AFF |
|  | CONTROLLED QUAD RECEPTACLE OUTLET. 20A 120V UON CENTERLINE MOUNTED 18" AFF. |
|  | CONTROLLED DUPLEX RECEPTACLE OUTLET. 20A 120V UON CENTERLINE MOUNTED 42" AFF |
|  | CONTROLLED QUAD RECEPTACLE OUTLET. 20A 120V UON CENTERLINE MOUNTED 42" AFF. |
|  | CEILING MOUNTED POWER PACK FOR RECEPTABLES. SEE SPECIFICATIONS |
|  | CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR. SEE SPECIFICATIONS |
|  | SPECIAL RECEPTACLE, AS INDICATED. UON MOUNT TOP OF ENCLOSURE 66" AFF. |
|  | FLOOR MOUNTED DUPLEX RECEPTACLE. |
|  | FLOOR MOUNTED DOUBLE DUPLEX RECEPTACLE. |
|  | FLOOR MOUNTED COMBINATION (20A 120V) DUPLEX RECEPTACLE/DATA COMMUNICATION OUTLET. |
| | FLOOR MOUNTED COMBINATION (20A 120V) DOUBLE DUPLEX RECEPTACLE/DATA COMMUNICATION OUTLET. |
| | MULTI OUTLET STRIP OR POWER/DATA COMMUNICATION RACKWAY AS INDICATED. |
| | BUSWAY. SEE SPECIFICATIONS. |
| | DUCT HEATER. (FURNISHED UNDER DIV. 15). (WIRED UNDER DIVISION 16). |
| | MOTOR STARTING SWITCH - UON CENTERLINE MOUNTED 48" AFF |

- | | |
|---|--|
|  | CEILING MTD. 2"x4" LIGHT FIXTURE (SEE SCHEDULE) |
|  | CEILING MOUNTED 2"x2" LIGHT FIXTURE (SEE SCHEDULE) |
|  | CEILING MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | WALL MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | CEILING MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | WALL MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | CEILING MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | WALL MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | FLUORESCENT STRIP (SEE SCHEDULE) |
|  | POLE MOUNTED LUMINAIRE (SEE SCHEDULE) |
|  | 2 HEAD POLE MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | 3 HEAD POLE MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | 4 HEAD POLE MOUNTED LIGHT FIXTURE (SEE SCHEDULE) |
|  | EXIT SIGN, SINGLE OR DOUBLE FACE (SEE SCHEDULE) |
|  | EMERGENCY LIGHTING FIXTURE WITH BATTERY BACK-UP (SEE SCHEDULE) |
|  | TRACK LIGHT, NUMBER OF HEADS AS SHOWN (SEE SCHEDULE). |

- | | |
|---|---|
| W | SINGLE POLE SWITCH 20A 120/277V UON CENTERLINE MOUNTED 48" AFF |
| K | K: KEY TYPE: M: MOTOR RATED |
| S | THREE WAY 20A 120/277V SWITCH - UON CENTERLINE MOUNTED 48" AFF |
| S | FOUR WAY WALL MOUNTED SWITCH - UON CENTERLINE MOUNTED 48" AFF |
| S | DIMMER SWITCH - UON CENTERLINE MOUNTED 48" AFF |
| T | TIME SWITCH AS INDICATED, UON MOUNT TOP OF ENCLOSURE 66" AFF |
| C | CEILING MOUNTED DAYLIGHT DIMMING OCCUPANCY SENSOR, SEE SPECIFICATIONS |
| C | CEILING MOUNTED OCCUPANCY SENSOR, SEE SPECIFICATIONS |
| W | WALL MOUNTED OCCUPANCY SENSOR, UON CENTERLINE MOUNTED 48" AFF
SEE SPECIFICATIONS. |
| W | WALL MOUNTED DIMMING OCCUPANCY SENSOR/MANUAL
DAYLIGHT DIMMING CONTROL, UON CENTERLINE MOUNTED 48"
SEE SPECIFICATIONS. |

-  WALL MOUNTED CLOCK. UON CENTERLINE MOUNTED 84" AFF.
-  INTERCOM WALL MOUNTED SPEAKER. UON CENTERLINE MOUNTED 84" AFF.
-  INTERCOM CEILING MOUNTED SPEAKER.
-  INTERCOM WALL MOUNTED MICROPHONE. UON CENTERLINE MOUNTED 18" AFF.
-  FLOOR MOUNTED MICROPHONE.
-  TV OUTLET. UON CENTERLINE MOUNTED 18" AFF.
-  INTERCOM VOLUME CONTROL. UON CENTERLINE MOUNTED 48" AFF.
-  WALL MOUNTED HORN/SPEAKER. UON CENTERLINE MOUNTED 84" AFF.
-  INTERCOM AMPLIFIER
-  INTERCOM CALL STATION. UON CENTERLINE MOUNTED 48" AFF.

1. TEXT SHOWS ON PLANS ADJACENT TO LIGHTING FIXTURES SHALL DENOTE THE FOLLOWING:
- LOWVOLTAGE LETTER (BY FIXTURE OR SWITCH) INDICATES LIGHT SWITCH CONTROL. UPPERCASE LETTER INDICATES FIXTURE TYPE. NUMERICAL INDICATES BRANCH CIRCUIT NUMBER.
2. SHADZD LIGHTING FIXTURE SYMBOLS THAT APPEAR ON PLANS INDICATE EMERGENCY LIGHTING FIXTURES AND SHALL BE INTERPRETTED AS FOLLOWS:
- LIFE SAFETY BRANCH CIRCUIT:
- CRITICAL BRANCH CIRCUIT:
- EMERGENCY LIGHT FIXTURE WITH BATTERY BACK UP:
- (THE ABOVE SHALL APPLY TO ALL LIGHTING FIXTURE SYMBOLS SHOWN ON LEGEND).
3. NUMERALS SHOWN ON PLANS ADJACENT TO WIRING DEVICES INDICATE BRANCH CIRCUIT NUMBER(S).
4. STANDARD SYMBOLS SHOWN ON LEGEND MAY NOT ALL APPEAR ON PLANS. WHERE SYMBOL APPEARS ON PLANS FURNISH AND INSTALL AS SPECIFIED.
5. ALL STANDARD SYMBOLS ON LEGEND THAT APPEAR ON PLANS WITH HIDDEN LINES SHALL BE EXISTING TO REMAIN. (FOR REFERENCE ONLY). EXISTING SYMBOLS (AS DESCRIBED ABOVE) THAT APPEAR ON PLANS WITH AN ADJACENT ASSOCIATION SHALL BE INTERPRETTED AS FOLLOWS:
- E = EXISTING TO REMAIN.
- D = EXISTING TO BE REMOVED. CONTRACTOR SHALL REMOVE DEVICE AND/OR EQUIPMENT AND OTHERWISE NOTED REMOVE ALL UNUSED CONDUIT AND WIRING.
- RL = EXISTING TO BE RELOCATED (SHOWN AT EXISTING LOCATION ON DEMOLITION PLAN).
- REFER TO INSTALLATION INSTRUCTIONS FOR NEW LOCATION. CONTRACTOR SHALL EXTEND WIRING TO NEW LOCATION AND RECONNECT.

THESE ARE STANDARD SYMBOLS AND GENERAL NOTES AND MAY NOT ALL APPEAR ON THE PROJECT DRAWINGS; HOWEVER WHEREVER THE SYMBOL APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE PROVIDED AND INSTALLED.

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH:
 NFPA 1, UNIFORM FIRE CODE, FL. EDITION
 NFPA 20, 2013 FIRE PUMP AND MOTOR CODE
 NFPA 70, 2014 NATIONAL ELECTRICAL CODE
 NFPA 72, 2013 LIFE ALARM & SIGNALING
 NFPA 99, 2015 HEALTH CARE FACILITIES
 NFPA 101, 2015 LIFE SAFETY CODE, FL EDITION
 NFPA 110, 2015 EMERGENCY & STAND-BY SYSTEMS
 NFPA 720, 2015 CARBON MONOXIDE DETECTION
 NFPA 760, 2014 LIGHTNING PROTECTION
 NFPA 2001, 2015 CLEAN AGENTS
 2017 6TH EDITION FLORIDA BUILDING CODE
2. ALL WIRING SHALL BE COPPER TYPE THIN/THIN. SOLE FOR #10 AND SMALLER, STRANDED FOR ALL CONDUCTORS #8 AND LARGER. ALUMINUM AS ALLOWED BY CODE.
3. UNLESS OTHERWISE NOTED ALL CABLES AND CONDUCTORS SHALL BE INSTALLED (CONCEALED WHERE POSSIBLE) IN AN APPROVED RACEWAY, AS FOLLOWS:
 INTERIOR (CONCEALED OR EXPOSED)
 a) EMT, SECT. SECT. SECT. TYPE FITTINGS OR COMPRESSION TYPE FITTINGS IN DAMP LOCATIONS.
 b) FLEXIBLE CONDUIT (MINIMUM 6'-0" LENGTH).
 FLEXIBLE METAL CONDUIT SHALL BE USED FOR ALL FINAL CONNECTIONS TO MOTORS, LIGHTING FIXTURES AND OTHER VIBRATING EQUIPMENT.
 ALL INTERIOR CONDUITS SHALL BE CONCEALED EXCEPT IN ELECTRICAL AND MECHANICAL ROOMS.
 INTERIOR (CONCEALED OR EXPOSED)
 a) RIGID GALVANIZED CONDUIT OR INTERMEDIATE METAL CONDUIT, (THREADED FITTINGS AS MANUFACTURED BY CONDUIT MANUFACTURER).
 b) FLEXIBLE LIQUIDTIGHT CONDUIT (MINIMUM 6'-0" LENGTH).
 FLEXIBLE LIQUIDTIGHT CONDUIT SHALL BE USED FOR ALL FINAL CONNECTIONS TO MOTORS AND OTHER VIBRATING EQUIPMENT.
 ALL RACEWAYS SHALL BE INSTALLED PERPENDICULAR AND PARALLEL LIKE MAJOR STRUCTURAL ELEMENTS AND IN A NEAT AND WORKMAN LIKE MANNER.
 EXTERIOR (UNDERGROUND):
 a) SCHEDULE 40 PVC.
4. DISCONNECTING MEANS SHALL BE OF THE HEAVY-DUTY TYPE, UNLESS OTHERWISE INDICATED PROVIDE NEMA 1 ENCLOSURE.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL MATERIALS INDICATED TO BE REMOVED AS PART OF DEMOLITION WORK OF THIS PROJECT.
 CONTRACTOR SHALL CLEAN EACH AREA WHERE WORK IS PERFORMED ON A DAILY BASIS.
6. ALL CUTTING AND PATCHING SHALL BE RESTORED TO MATCH EXISTING SURFACE AND FINISH. ALL CUTTING AND PATCHING SHALL BE RESTORED PER PARTITION PARTITIONS OR FLOORS CONTRACTOR SHALL PATCH USING MATERIALS OF AN EQUIVALENT FIRE RATING.
7. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO NEW OR EXISTING WALLS, FLOOR, FURNITURE, ETC. AND SHALL REPLACE ANY DAMAGED ITEM WITHOUT ADDITIONAL CHARGE. CONTRACTOR SHALL TEMPORARY COVERS TO AVOID SPREAD OF DUST AND CONSTRUCTION DEBRIS.
8. UPON COMPLETION OF THE WORK, THE ELECTRICAL CONTRACTOR SHALL TEST ALL NEW EQUIPMENT, DEVICES, ETC. FOR PROPER OPERATION. REPLACE MALFUNCTIONING UNITS AND RE-TEST TO FULLY REQUIREMENTS.
9. PANELBOARDS SHALL BE ACCURATELY LABELED TO IDENTIFY FINAL CIRCUIT NUMBERS UTILIZED, THEIR LOAD AND LOCATION.
10. ELECTRICAL INSTALLATION SHALL BE CLOSELY COORDINATED WITH ALL OTHER WORK. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH IL-TIMED INSTALLATION INCLUDING ANY ASSOCIATED REPAIRS OR REPLACEMENTS.
11. "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
12. LIGHTING SWITCHES SHALL BE OF 20 AMP, SPEED/OPERATION GRADE. TOGGLE TYPE SWITCHES SHALL BE USED FOR ALL OPERATES SHALL BE WHITE. ALL ADJACENT TOGGLE SWITCHES SHALL BE GANGED IN ONE COMMON CIRCUMFERENCE/BOX. LOCATIONS AND HEIGHTS SHALL BE COORDINATED WITH DOOR SWINGS AND COUNTER HEIGHTS.
13. DUPLEX AND DOUBLE DUPLEX RECEPTACLES SHALL BE 20 AMP, 125 VOLT RATED, SPECIFICATION GRADE. ALL RECEPTACLES SHALL HAVE A GREEN GROUNDING SCREW TERMINAL AND A SELF GROUNDING CLIP. ALL RECEPTACLES SHALL BE WHITE, BRAND PER DEVICES THIS SHEET.
 EXACT LOCATIONS AND HEIGHTS SHALL BE COORDINATED WITH THE COUNTER HEIGHTS AND ALL LOCATIONS SHALL BE VERIFIED WITH THE OWNER PRIOR TO ROUGH-IN.
 GFCI TYPE RECEPTACLES SHALL BE 20 AMP 125V, NON FEED-THRU TYPE.
14. PANELBOARDS SHALL BE EQUIPPED WITH COPPER BUS, 98% CONDUCTIVITY, CIRCUIT BREAKERS SHALL BE OF THE BOLT-ON TYPE, CIRCUITS CONNECTED TO IT. RATINGS SHALL BE ACCEPTED. CIRCUIT BREAKERS SHALL BE USED. CONTRACTOR RATES DATA AVAILABLE MANUFACTURERS SHALL BE: SQUARE D, CUTLER HAMMER AND GE.
15. SUPPORTING DEVICES
 a) PANEL LOCATIONS AND OUTDOORS: HOT DIP GALVANIZED MATERIALS, U CHANNEL SYSTEM COMPONENTS.
 b) DRY LOCATION, STEEL MATERIALS.
 c) STRENGTH OF SUPPORT DEVICES: ADEQUATE TO CARRY THE LOAD TIMES A SAFETY FACTOR OF FOUR; MINIMUM 200-LB DESIGN LOAD.
16. ELECTRICAL IDENTIFICATION
 a) ENGRAVED IDENTIFICATION LABELS: INSTALL ON EACH UNIT OF EQUIPMENT. THIS INCLUDES POWER, LIGHTING AND ALL SYSTEMS.
 b) USE THE FOLLOWING COLORS FOR SERVICE, FEEDERS AND BRANCH CIRCUITS:
 1. 220/208V: PHASE A: BLACK; PHASE B: RED; PHASE C: BLUE
 2. 277/480V: PHASE A: YELLOW; PHASE B: BROWN; PHASE C: ORANGE
17. TEMPORARY ELECTRICAL SERVICE
 COST OR USE CHARGES FOR TEMPORARY FACILITIES ARE NOT CHARGEABLE TO THE OWNER, ARCHITECT OR ENGINEER.
 PROVIDE RECESSED OUTLETS ADEQUATE FOR CONNECTION OF POWER TOOLS AND EQUIPMENT.
 PROVIDE TEMPORARY LIGHTING WITH LOCAL SWITCHING THAT PROVIDES ADEQUATE ILLUMINATION FOR CONSTRUCTION OPERATION AND TRAFFIC CONDITIONS.
18. FIRE ALARM SYSTEM DESIGN OF A FIRE ALARM CONTROL PANEL, OF MODULAR, POWER LIMITED DESIGN WITH ELECTRONIC MODULES, UL 864 LISTED. ADDRESSABLE. THE FOLLOWING DESIGN SHALL BE PROVIDED:
 1. SMOKE SENSORS SHALL ADDITIONALLY COMMUNICATE SENSITIVITY SETTING AND ADJUSTMENT.
 2. TEMPERATURE SENSORS SHALL ADDITIONALLY TEST FOR AND COMMUNICATE THE SENSITIVITY RANGE OF THE DEVICE.
 THE SYSTEM SHALL CONTROL AND MONITOR CIRCUITS FOR OPERATION OF MECHANICAL EQUIPMENT. SMOKE ALARM VERIFICATION SHALL INITIATE AUDIBLE AND VISIBLE INDICATION OF AN "ALARM VERIFICATION" SIGNAL AT FCP. ACTIVATE A LISTED AND APPROVED "SOUND CUE" SEQUENCE. THE FCP AND THE DETECTOR. SOUND GENERAL ALARM IF THE ALARM IS VERIFIED, AND CANCEL FCP INDICATION AND SYSTEM RESET IF THE ALARM IS NOT VERIFIED.
- MANUFACTURER OF FCP AND RECEPTACLES:
 1. HONEYWELL-GAMWELL
 S3 SERIES CONTROL PANEL
- FUNCTIONALITY PERFORMANCE: UNIT RECEIVES AN ALARM, SUPERSEDES, OR TROUBLE SIGNAL FROM THE FCP, AND AUTOMATICALLY CAPTURES ONE OR TWO TELEPHONE LINES AND DIALS A PRESET NUMBER FOR A REMOTE CENTRAL STATION.
19. VOICE AND DATA SYSTEM SHALL BE CAT 6 10/100/1000-AMP AND 568-B LISTED, CABLE BY BELDEN, BENTON OR APPROVED EQUIV. SPOOLS, PATCHPANELS AND PATCHFACES-OUTLETS AS SHOWN ON DRAWINGS AND DETAILS.
20. CABLE AND INSTRUMENTAL TV SYSTEM SHALL BE BY DUKANE, TEK-NET OR APPROVED EQUIV. WITH RF COMPONENTS BY BLONDER-TUBBS OR APPROVED EQUIV. PROVIDING A MIN. SIGNAL LEVEL OF 100 DECIBEL MILLIWATTS AND A TERMINAL ISOLATION OF 20 DECIBELS AT THE END OF THE LINE.

1. CONTRACTOR SHALL BE QUALIFIED TO PERFORM THE WORK SPECIFIED HEREIN AND SHALL BE LICENSED OR LICENSED IN ACCORDANCE WITH THE LOCAL JURISDICTION REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE FOR AND ACQUIRE ALL NECESSARY PERMITS (S) AND INSPECTIONS AS MAY BE REQUIRED BY THE AUTHORITIES) HAVING JURISDICTION.
3. INSTALLATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE APPLICABLE CODES IN FORCE OR ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
4. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND LABOR NECESSARY FOR THE INSTALLATION OF A COMPLETE AND FUNCTIONAL, ELECTRICAL SYSTEM MEETING THE INTENDED PURPOSE OF THE PROJECT.
5. THE CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SITE CONDITIONS AND CONTRACT DOCUMENTS.
6. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL COORDINATE WITH THE APPLICABLE AUTHORITIES FOR METERING, TRANSFORMER AND SERVICE CONNECTION REQUIREMENTS.
7. CONDUIT SHALL BE INSTALLED CONCEALED OR RECESSED IN A NEAT AND WORKMANLIKE MANNER. ALL CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO THE WORKING SURFACES UNLESS OTHERWISE APPROVED BY OWNER. EXPOSED CONDUIT ON EXTERIOR WALLS OF FINISHED WALLS IS PROHIBITED UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT.
8. CONDUIT SHALL BE ENT AND FITTINGS SHALL BE STEEL FOR UNDERGROUND AND UNDER SLAB INSTALLATIONS, CONDUIT SHALL BE PVC OR MC W/NO ASPHALTIC OR OTHER APPROVED CORROSION INHIBITING COATING.
9. TO LIMIT WATER INTRUSION, SEAL ALL JOINTS WHERE THE CONDUIT CONNECTS AN INTERIOR CONDUIT BODY TO AN EXTERIOR CONDUIT BODY OR LUMINAIRE.
10. PROVIDE AN INDEPENDENT MEANS OF SUPPORT FOR CONDUIT INSTALLED ABOVE CEILING OR FLOOR JOINTS IN DISCREET LOCATIONS. PANELBOARDS AND LOAD CENTERS MAY BE USED. PROVIDE AN INDEPENDENT MEANS OF SUPPORT FOR OTHER EFFECTIVE MEANS. THE CEILING SUPPORT SYSTEM SHALL BE PERMITTED TO SUPPORT CONDUIT. CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CEILING MANUFACTURER'S INSTRUCTIONS.
11. PROVIDE AN INSULATED THROT FITTING OR PLASTIC BUSHING FOR ALL 1" AND LARGER CONDUIT TERMINATIONS IN PANEL BOARDS, LOAD CENTERS, WIREWAYS AND DISCONNECT SWITCHES.
12. PROVIDE GROUNDING BUSHINGS FOR ANY CONDUIT TERMINATIONS AT ECCENTRIC COUPLERS, DISCONNECTS IN DISCREET LOCATIONS. PANELBOARDS AND LOAD CENTERS OR WHEN REDUCING WASHERS ARE USED, BOND ALL JUNCTION AND PULL BOXES TO GROUND.
13. ALL WIRE SHALL BE COPPER, THIN, THIN OR XHHW MINIMUM WIRE SIZE SHALL BE #12. ALL SIZES ARE CALCULATED USING THE 75°C COLUMN.
14. REFER TO BRANCH CIRCUIT SCHEDULE FOR MAXIMUM LENGTHS OF CONDUIT RUNS AND JOINTING.
15. ALL WIRING DEVICES SHALL BE TERMINATED AT THE SCREW IN A CLOCKWISE DIRECTION. THE PUSH-IN TERMINATIONS SHALL BE USED IN.
16. VERIFY DOOR SINGS AND BACKSLASH HEIGHTS AT ROUGH IN.
17. STAGGER WALL BOXES IN ALL WALLS BY AT LEAST ONE STUD FOR SOUND ATTENUATION. APPLY NECESSARY FIRE PROOFING OR SOUND INSULATION AS REQUIRED OR AS LISTED ON ARCHITECTURAL PLANS.
18. PROVIDE A TYPED PANEL SCHEDULE REFLECTING INSTALLATION CONDITIONS FOR ALL PANELS. ALL PANELS SHALL HAVE "TYPE" AND "WIRE" NOTED.
19. SUPPORT WIRES FOR ELECTRICAL EQUIPMENT SHALL BE FASTENED AT BOTH ENDS SO AS TO BE TIGHT. INSTALLATION OF ELECTRICAL CABLES AND CONDUIT SHALL BE SUCH THAT UNDULATIONS ARE KEPT TO A MINIMUM.
20. "TYPICAL" NOTES APPLY TO ALL SIMILAR SITUATIONS.
21. PERMANENTLY LABEL ALL JUNCTION BOX COVERS WITH CIRCUITS DESIGNATION (SOURCE, PHASE, ETC.) CONTAINED WITHIN.
22. AT COMPLETION OF PROJECT, PROVIDE OVERVIEW, INSTALLATION INSTRUCTIONS, AND WARRANTY DOCUMENTS TO THE OWNER FOR ALL INSTALLED EQUIPMENT. INSTALLATION AND WARRANTY DOCUMENTS SHALL BE BOUND TOGETHER WITH INDEX INDICATING WHERE TO FIND INFORMATION ON THE VARIOUS EQUIPMENT.
23. PROVIDE THE APPROPRIATE FIRE STOP SYSTEM AND/OR FIRE CALK AT ANY PENETRATION BETWEEN DETAIL ASSEMBLIES.
24. CONDUIT TERMINATION AT NEW/OLD ENCLOSURES SHALL BE WITH MYERS HUBS FOR TOP PENETRATIONS AND LIGHT TIGHT SEALING RINGS OR SEALING LOOKOUTS FOR SIDE PENETRATIONS.
25. ALL 1/2" LID LUMINAIRES, PERMANENTLY MARK EACH DATE, TYPE, INSTALLER CONTRACTOR AND LENGTH OF MANUFACTURER'S WARRANTY.
26. COORDINATE INSTALLATION OF RECEPTacles SHOW ADJUNCT TO MILLWORK WITH ARCHITECTURAL ELEVATIONS SO THEY ARE ACCESSIBLE. LOCATIONS SHOWN ON PLANS OR DIAGRAMS.
27. INSTALL ELECTRICAL HARDWARE SUPPORTING ELECTRICAL DEVICES AND OTHER EQUIPMENT ACCORDING WITH THE WEIGHT REQUIREMENTS OF THE EQUIPMENT, FUTURE, APPLIANCE, ETC.
28. ALL CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS.
29. ALL EXHAUST FANS SHALL BE POWERED FROM NEAREST LIGHTING CIRCUIT RUN, AND SHALL HAVE A 20A RATED TOGGLE DISCONNECT SWITCH IN A CREAM 1 RATED

- E1.0 LEGEND, ABBREVIATIONS AND GENERAL NOTES
E2.0 ELECTRICAL SITE PLAN
E3.0 ELECTRICAL CONCESSION LIGHTING & POWER FLOOR PLANS
E4.0 ELECTRICAL AMPHITHEATER LIGHTING & POWER FLOOR PLANS
E5.0 ELECTRICAL RISER DIAGRAM AND SCHEDULES

- [illegible]

TV = 3 + 3

EACH TV SYMBOL REPRESENTS PROVIDING AND INSTALLING A TERMINATED DATA/COAXIAL AND POWER CONNECTION.

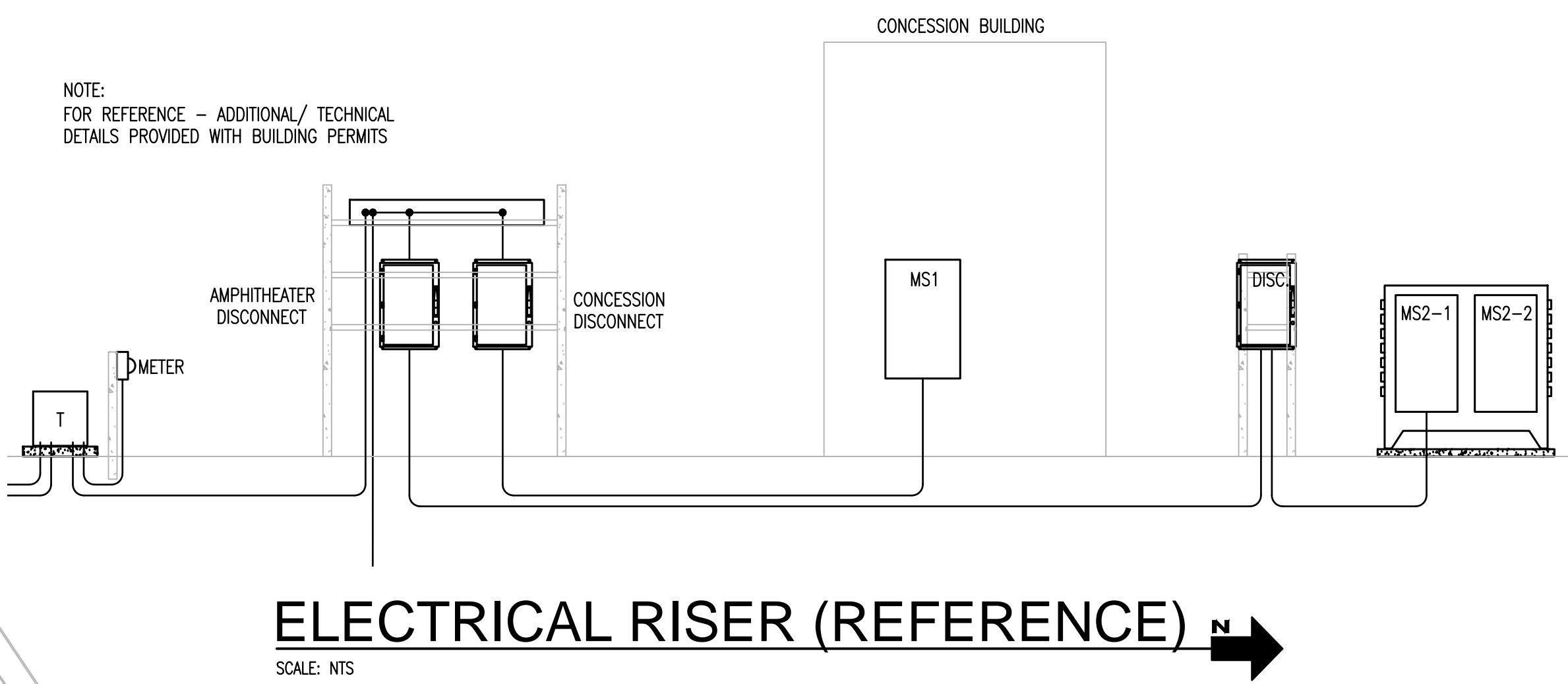
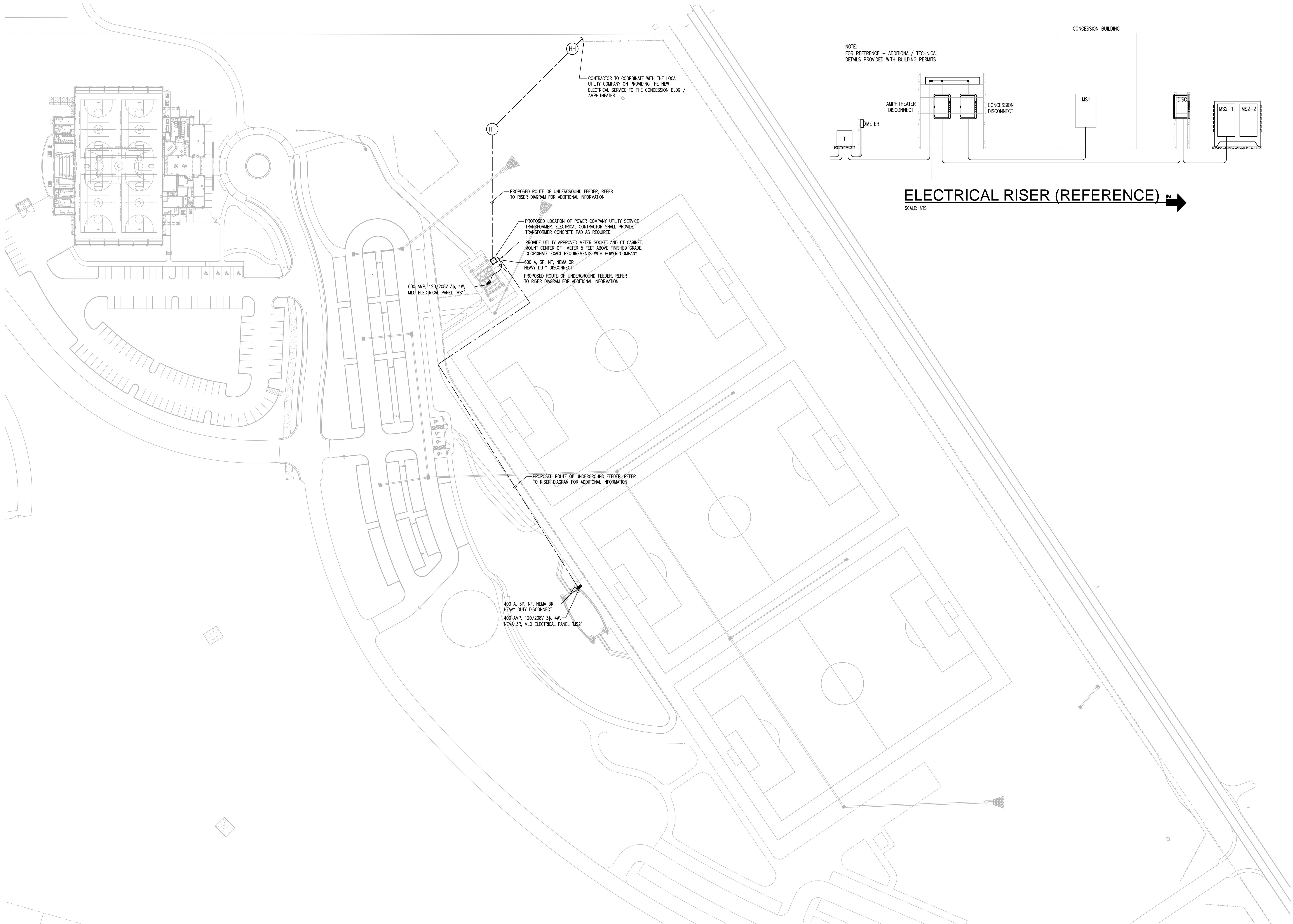
THE DEVICES SHALL BE INSTALLED AT THE HEIGHT PER ARCHITECTURAL.

CONTRACTOR SHALL PROVIDE THE APPROPRIATE BOX AND/OR FIREPROOFING TO MAINTAIN FIRE RATING OF WALL IF APPLICABLE.

- ALL DEVICES ARE WHITE W/PLASTIC COVERS UON.
- ALL SWITCHES & ABOVE COUNTER DEVICES ARE 48" TOB
- ALL RECEPTACLES & DATA OUTLETS ARE 20" TOB
- A DIFFERENT MOUNTING HEIGHT IS 30"
- EXTERIOR RECEPTACLES ARE GFCI AND WEATHER RESISTANT.
- ALL RECEPTACLES SERVICING LOCATIONS ACCESSIBLE TO CHILDREN SHALL BE TAMPER RESISTANT.

- NFPA 1, UNIFORM FIRE CODE, FL EDITION
NFPA 20, 2013 FIRE PUMPS
NFPA 70, 2014 NATIONAL ELECTRICAL CODE
NFPA 72, 2013 FIRE ALARM & SIGNALING
NFPA 101, 2015 LIFE SAFETY CODE, FL EDITION
NFPA 110, 2013 EMERGENCY & STANDBY SYSTEMS
NFPA 720, 2015 CARBON MONOXIDE DETECTION
NFPA 780, 2014 LIGHTNING PROTECTION
NFPA 2001, 2015 CLEAN AGENTS
2017 6TH EDITION FLORIDA BUILDING CODE

ANY MODIFICATIONS TO THESE PLANS OR RE-USE OF THESE PLANS MUST BE APPROVED BY AND SIGNED BY THE ARCHITECT



ELECTRICAL SITE PLAN
SCALE: 1"=50'-0"



PAUL STRESING ASSOCIATES, INC.
14877 MAIN STREET
ALACHUA, FLORIDA 32815
E-MAIL: PST@PSA-FL.COM
TELEPHONE: (888) 462-6467 FAX: (888) 462-6469 REGISTRATION NO. A00013685 - CA NO. A0003577

REVISIONS
ITEM: _____
DATE: _____

ENGINEER'S SEAL
LUIS G. VARGAS JR., P.E.
FL LIC. NO. 52139

SHEET NO.
E2.0

DRAWN BY: MJC/RDR
DATE: 2/18/2018
PROPOSAL NO. 17721

CITY OF ALACHUA
LEGACY PARK IMPROVEMENTS
ALACHUA, FLORIDA

ABV.	ABOVE
AFF	ABOVE FINISHED FLOOR
BOT	BOTTOM
BY	BALL VALVE
CP	CHROME PLATED
CLG	CEILING
CO	CLEANOUT
CW	COLD WATER
DN	DOWN
D	DRAIN
ENH	ELECTRIC WATER HEATER
FCD	FLOOR CLEANOUT
FD	FLOOR DRAIN
FL	FLOOR
GCO	GRADE CLEANOUT
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HB	HOSE BIBB
HW	HOT WATER
INV	INVERT (VERIFY IN FIELD)
MAX	MAXIMUM
MIN	MINIMUM
S	SANITARY
T/MV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VTR	VENT THRU ROOF
VIF	VERIFY IN FIELD
W	WASTE
W/DS	WITH DEEP SEAL TRAP (SVIC)
WCO	WALL CLEANOUT
WH	WALL HYDRANT

Diagram illustrating five types of plumbing traps:

- WATER CLOSET
- URINAL
- LAVATORY
- WALL CLEANOUT
- FLOOR CLEANOUT

NEW SANITARY AND/OR WASTE PIPING

NEW VENT PIPING

NEW COLD WATER PIPING

NEW HOT WATER PIPING

HAMMER ARRESTOR (PDI SIZE INDICATED)

CLEANOUT IN FLOOR

FLOOR DRAIN

WALL CLEANOUT EXPOSED

VALVE IN RISER

DIRECTION OF FLOW

TOP CONNECTION, 45 OR 90 DEG.

BOTTOM CONNECTION, 45 OR 90 DEG.

SIDE CONNECTION

DROP IN PIPING

RISE IN PIPING

BALL VALVE

EXTERIOR WALL HYDRANT IN RECESSED BOX

POINT OF INTERFACE BETWEEN CONTRACTORS

PLUMBING
(SEE CONTRACT)
CMIL

THESE ARE STANDARD SYMBOLS AND GENERAL NOTES AND MAY NOT ALL APPEAR ON THE PROJECT DRAWINGS; HOWEVER WHEREVER THE SYMBOL APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE PROVIDED AND INSTALLED.

	DESCRIPTION	UNIT	QTY	REMARKS	
MC	WATER CLOSET: AMERICAN STANDARD WADERA FLOWISE 3451.001 FLOOR MOUNTED ELONGATED BOWL, VITREOUS CHINA, 12" ROUGH FLUSH VALVE, SLOAN OPTIMA SMOOTH MODEL 111-1.6 GPF SIDE MOUNTED BATTERY OPERATED NON-DAPHRAGM PISTON FLUSH SENSOR SHOT: BE INSTALLED ON WIDE SIDE OF TOILET ROOM SEAT, REIMS MODEL J1555E, COMMERCIAL, SOLID ELONGATED PLASTIC OPEN FRONT WITH COVER CARRIER BY ARCHITECT	1"	3"	2"	
WCH	WATER CLOSET: AMERICAN STANDARD WADERA FLOWISE 3451.001 FLOOR MOUNTED ELONGATED BOWL, VITREOUS CHINA, 12" ROUGH FLUSH VALVE, SLOAN OPTIMA SMOOTH MODEL 111-1.6 GPF SIDE MOUNTED BATTERY OPERATED NON-DAPHRAGM SENSOR SHOT: BE INSTALLED ON WIDE SIDE OF TOILET ROOM SEAT, REIMS MODEL J1555E, COMMERCIAL, SOLID ELONGATED PLASTIC OPEN FRONT WITH COVER CARRIER BY ARCHITECT	1"	-	3"	2"
UB	URINAL: AMERICAN STANDARD TIMBROCK 5561.017, Siphon Jet Flush Action, Wall Mounted, Top Spillo, Vitreous China, Low Consumption (1.0 GPF) Flush Valve, Sloan Optima Smooth Model 166-1.0 GPF Side Mounted Battery Operated Non-Daphragm Piston Flush Install Lip at 24" High Above Finished Floor Carrier: Zurn Z1222 with Lower Bearing Plate Refer to Architectural Drawing for Mounting Heights	3/4"	-	2"	2"
UBH	URINAL: AMERICAN STANDARD TIMBROCK 5561.017, Siphon Jet Flush Action, Wall Mounted, Top Spillo, Vitreous China, Low Consumption (1.0 GPF) Flush Valve, Sloan Optima Smooth Model 166-1.0 GPF Side Mounted Battery Operated Non-Daphragm Piston Flush Install Lip at 17" High Above Finished Floor Carrier: Zurn Z1222 with Lower Bearing Plate Refer to Architectural Drawing for Mounting Heights	3/4"	-	2"	2"
LAV	LAVATORY: AMERICAN STANDARD LUCERN 0555.012 Wall Mounted Vitreous China, 20" x 16" Vitreous China, 4" Centers, Front Overflow, Faucet: Sloan Optima Flush EBF-650, Battery Powered, with Grid Drain and Tailpiece Trap: Zurn 1-1/4" x 1-1/2" Chrome Plated 17 Gauge P Trap with Cleanout Supplies: Brasscraft 1/2" x 3/8" x 12" Chrome Plated Lead Free Flexible Supplies and Loose Key Stops Carrier: Zurn Z1231 Concealed Arm Carrier	1/2"	1/2"	2"	2"
LAVH	LAVATORY: AMERICAN STANDARD LUCERN 0555.012 Wall Mounted Vitreous China, 20" x 16" Vitreous China, 4" Centers, Front Overflow, Faucet: Sloan Optima Flush EBF-650, Battery Powered, with Grid Drain and Tailpiece Trap: Zurn 1-1/4" x 1-1/2" Chrome Plated 17 Gauge P Trap with Cleanout Supplies: Brasscraft 1/2" x 3/8" x 12" Chrome Plated Lead Free Flexible Supplies and Loose Key Stops Carrier: Zurn Z1231 Concealed Arm Carrier Insulate Waste and Water Supplies Below Lavatory with Tefurepo Pipe Insulation	1/2"	1/2"	2"	2"
WSP	WATER SINK: FLOOR MOUNTED, 24" x 24" ONE PIECE STRUCTURAL FIBERGLASS, FAT WITH STRAINER, MUD IN DRAIN FACET: T & B-8666-8301, SENSITIVE SINK FAUCET WITH VACUUM BREAKER ACCESSORIES: 1/2" MIP HOLDER FAT: HOSE HOLDER NO. SINK SPLASHES: STAINLESS STEEL SPLASH GUARDS AT EACH WALL CONTACTING MOP SINK	1/2"	1/2"	3"	2"
EMC	EXTERIOR ELECTRIC WATER COOLER: ELWAY VCR10883C B-E LEVEL HEAVY DUTY WALL MOUNTED, ALL STAINLESS STEEL, FURNISHED COMPLETELY WITH VACUUM RESISTANT BUBBLER, FULLY ASSEMBLED FRONT PUSH-BUTTON. INSTALLATION: WITH VACUUM-RESISTANT WITH ELWAY COVER PLATE, PLUMB STANDARD HEIGHT. ZURN 1-1/4" x 1-1/4" 17 GAUGE BRASS P-TAP WITH TUBULAR WALL BEND ZURN 1/2" x 1/2" 1/2" 1/2" CHROME PLATED SLOD SUPPLY WITH WHEEL HANDLE STOP ZURN 1-1/2" x 3/4" WALL SUPPORT SYSTEM REFER TO ARCHITECTURAL DRAWING FOR LOCATIONS AND MOUNTING HEIGHTS	1/2"	-	2"	1-1/2"
SK	SINK: ELWAY LAD0 2022 DROP-IN SINK COMPARTMENT 20" x 22" x 6-1/2" 18 GAUGE STAINLESS STEEL Faucet: Zurn Z870C-102X DECK MOUNTED SINGLE LEVER FAUCET Strainer: Zurn Z8714 STANDARD 1/2" DRAIN PLATE WITH BASKET STRAINER Trap: Zurn Z8702-PC: 1-1/2" x 1-1/2" CHROME PLATED 17 GAUGE P TRAP WITH CLEANOUT Supplies: Zurn 1/2" x 3/8" x 12" CHROME PLATED LEAD FREE FLEXIBLE SUPPLIES AND WHEEL HANDLE STOPS	1/2"	1/2"	2"	1-1/2"
MI	EXTERIOR WALL HYDRANT: BRASS FACE, BOX AND DOOR WITH INTEGRAL VALVE BREAKER - BACKFLOW PREVENT, 3/4" CONNECTION - FREEZE PROOF WOODCOCK MODEL 885 CL, MOUNT 6' 18" ABOVE FINISHED FLOOR	3/4"	-	-	-
EL	FLOOR DRAIN: ZURN Z4150-S 3" INCH SQUARE NICKOLAY TOP STRAINER TRAP PRIMER CONNECTION, PROVIDE WITH NO-HUB SUDS DEEP SEAL 1/2" P TRAP	-	-	-	SEE DRAWINGS
SGO	GRADE CLEANOUT: ZURN Z1474 HOUSING WITH Z1440 CLEANOUT FERRULE WITH PACE ACCESS COVER AND FERRULE SET FLUSH INTO A CLEANOUT CONCRETE PAD 16"x16"x4". NOTE LOCATION OF THIS CLEANOUT FOR TYPE OF DUTY REQUIRED FOR THE COVER. SEE SPECIFICATIONS FOR PIPE SIZE.	-	-	-	SEE DRAWINGS
WCO	WALL CLEANOUT: ZURN Z1441 ROUND WITH SMOOTH STAINLESS STEEL COVER, CENTER SCREW, AND RECESSED BROWN THREADED TAPPED PLUG	-	-	-	4"
ECO	FLOOR CLEANOUT: ZURN Z1400 ROUND ADJUSTABLE SCORATED NICKEL BRONZE TOP WITH TAPER THREAD.	-	-	-	SEE DRAWINGS
WHA	WATER HAMMER ARRESTOR: SLOSH CHECK 600 HIGH-RESTER COMPOSITE SENSITIVE PISTON TYPE TYPE L COPPER TUBE	-	-	-	-
EMH	ELECTRIC WATER HEATER: A.O. SMITH PCS-30 (2) 4500 WATT ELEMENTS, 209.5/360 ENERGY FACTOR .83 IN DRAIN PAN ON GALVANIZED STAND 10 YEAR WARRANTY OPEN END 3/4" REFUEL LINE ABOVE DRAIN PAN AND 1" PAN DRAIN OPEN END ABOVE MOP SINK (SEE DETAIL FOR FURTHER INFORMATION)	1"	1"	-	-
POU	SINK, TANKLESS ELECTRIC WATER HEATER: ELWAY MODEL EX208ST INSTANT-TEMP. 209/1760 6.3 KW WATTS, ON/POW FLOW RATE, FLOW SWITCH ACTIVATED STAINLESS- STEEL HEATING COILS, (NO AP BREAKER) 10 AMP WIRE SIZE	-	-	-	-

P1.0 ABBREVIATIONS, LEGENDS, GENERAL NOTES AND SCHEDULE
P2.0 PLUMBING SITE UTILITY PLAN
P3.0 PLUMBING SANITARY, VENT AND DOMESTIC WATER FLOOR PLANS
P4.0 PLUMBING DETAILS
P5.0 PLUMBING RISER DIAGRAMS

1. THE CONTRACTOR SHALL PROVIDE COMPLETE CODE COMPLIANT, PLUMBING SYSTEMS AS REQUIRED ON THESE DRAWINGS WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR ALL SUCH COSTS, INCLUDING ANY INCIDENTAL APPARATUS, APPLIANCES, MATERIAL LABOR AND SERVICES NECESSARY TO MAKE NEW WORK COMPLETE IN ALL RESPECTS AND FULLY READY FOR OPERATION.
2. PRIOR TO ANY EXCAVATION OR DEMOLITION THE CONTRACTOR MUST COORDINATE HIS WORK WITH THE OTHER TRADES. THE OWNERS MAINTENANCE DEPARTMENT, AND ANY OTHER AVAILABLE SOURCE OF INFORMATION AS TO ABOVE OR BELOW GROUND SERVICES THAT SHALL BE AVOIDED.
3. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING THAT MAY BE REQUIRED DUE TO SCOPE OF WORK. COORDINATE WITH THE GENERAL CONTRACTOR.
4. ALL PLUMBING WORK SHALL BE DESIGNED, INSTALLED, TESTED, AND CLEANED IN ACCORDANCE WITH THE PLUMBING CODE—F—SIXTH EDITION (2017), FLORIDA BUILDING CODE—98— SIXTH EDITION (2017) ENERGY CONSERVATION CODE—EC—SIXTH EDITION (2017) — WITH ALL LATEST REVISIONS.
5. VERIFY THE EXIST LOCATION OF EXISTING SANITARY SEWER AND WATER SERVICE PIPING FROM THE ACTUAL JOB SITE PRIOR TO SUBMITTING BID. SUBMISSION OF YOUR PROPOSAL SHALL BE CONSIDERED AS INDICATING SUCH KNOWLEDGE. NO ADDITIONAL PAYMENT WILL BE MADE FOR CLAIMS THAT ARISE FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
6. MAKE SUCH OFFSETS AND DEVIATIONS FROM WORK SHOWN ON THE DRAWINGS, AS MAY BE NECESSARY TO FIT THE ACTUAL SPACE CONDITIONS.
7. WHERE WALLS OCCUR ABOVE, OR BELOW, OR FLASHER OR ARE CONCEALED BEHIND WALLS, THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS. COORDINATE COLOR AND STYLE WITH ENGINEER/ARCHITECT.
8. PROVIDE AND MAINTAIN TEMPORARY CONNECTIONS TO KEEP EXISTING UTILITIES IN SERVICE. ANY SHUT DOWNS ARE TO BE APPROVED BY OWNER'S REPRESENTATIVE.
9. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, DRAINS, ETC.
10. INSTALLER SHALL NOT CUT ANY STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
11. PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR PIPING METALS.
12. FIELD VERIFY ALL EXISTING PIPE SIZES PRIOR TO INSTALLATION.
13. NO PENETRATION THROUGH ROOF SHALL TERMINATE CLOSER THAN 10 FT. TO ANY OUTSIDE AIR INTAKE OR VENTILATION LOUVERS, DOORS, WINDOWS AND OTHER BUILDING OPENINGS.
14. ALL SANITARY AND WATER PIPING UNDERGROUND SHALL BE A MINIMUM OF 14" BELOW FINISHED FLOOR UNLESS NOTED OTHERWISE.
15. PIPING IN CONCRETE BLOCK WALLS SHALL BE INSTALLED AS BLOCK IS BEING LAID. DO NOT CUT BLOCK SINKS.
16. PROVIDE ALL WALLS AND LAVATOIRES WITH SLIP JOINT TRAP FITTINGS FOR CLEANOUT.
17. CONTRACTOR IS RESPONSIBLE TO ALSO CHECKING FIELD CONDITIONS PRIOR TO BIDDING AND REPORT ANY PROBLEMS/CONFLICTS TO THE ENGINEER WITHIN 24 HOURS OF DISCOVERY. ANY CHANGES/REVISIONS RESULTING FROM CONDITIONS ARISING IN THE FIELD WHICH WERE NOT BROUGHT TO THE ENGINEER'S ATTENTION ARE TO BE MADE BY THIS CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
18. ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
19. UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER.
20. WHEN CONFLICTS OCCUR IN SPECIFICATIONS OR IN THE DRAWINGS, OR BETWEEN EITHER, THE ITEMS OF GREATER QUALITY OR HIGHER COST SHALL BE PROVIDED.
21. THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
22. ALL NEW SANITARY, VENT, COLD AND HOT WATER PIPING SHALL BE PER SPECIFICATIONS.
23. PROVIDE AIR CHARGERS AT COLD AND HOT WATER CONNECTION TO ALL FIXTURES FOR SHOCK ABSORPTION PER SPECIFICATIONS.

3.0 SUBMITTALS

SHOP DRAWINGS MUST BE SUBMITTED AND APPROVED PRIOR TO ORDERING EQUIPMENT. ENGINEER WILL REQUIRE

Str

REVISIT
ITEM:

DATE:

ENGINEER'S SEAL

DEAN S. KENYON, P.E.
FL. LIC. No. 44012

SHEET NO.

P1.C

ANY MODIFICATIONS TO THESE PLANS OR RE-USE OF THESE PLANS MUST BE APPROVED BY AND SIGNED BY THE ARCHITECT



4" SANITARY SEWER
(SLOPE @ MIN. 1/4" PER FT.)
(46 FIXTURE UNITS)

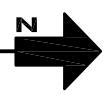
2" INCOMING DOMESTIC
WATER SERVICE
(60 FIXTURE UNITS)
(55 MAX. GPM)

PLUMBING
5'-0" END
(OF CONTRACT)

CIVIL

PLUMBING SITE UTILITY PLAN

SCALE: 1"=20'-0"



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REVISIONS	DATE	ENGINEER'S SEAL	DEAN S. KENYON, P.E. FL LIC No. 44012
ITEM:			SHEET NO.
			P2.0

CITY OF ALACHUA
LEGACY PARK IMPROVEMENTS
ALACHUA, FLORIDA

PAUL STRESING ASSOCIATES, INC.

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ALACHUA, FLORIDA 32315
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TELEPHONE (386) 462-4607 FAX (386) 462-4608 REGISTRATION NO. AR0013985 - CA NO. AA000337

DATE: 2/18/2018
PROPOSAL NO. 17721