

Bulletin Number - BP3 Promenade - Bulletin 08

Gensler

Project	Steamboat Base Village Redevelopment	Date	08/06/2021
Project Location	Steamboat, Colorado	Architect's Project Number	03.7835.000
Owner/Client	Alterra Mountain Company / East West Partners	File	6BL This is page 1 of 2
To	Saunders Construction Inc.	Attention	Bryan Sculthorpe
Address	86 Inverness Place North		
City	Englewood	State	CO Zip Code 80112
Delivered via:	<input type="checkbox"/> Messenger <input type="checkbox"/> Hand carried <input type="checkbox"/> Facsimile <input type="checkbox"/> Express <input type="checkbox"/> Pick-up <input type="checkbox"/> E-mail Address <input type="checkbox"/> Mail <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Website Address BIM360		

This Bulletin Conveys to Contractor (Check one of the following five choices.):

- ☐ **Architect's Authorization for Minor Changes**
Architect recommends modifications to the Work as described below.
- ☐ **Architect's Clarification / Supplemental Instructions** (Use this Bulletin form in place of *Architect's Supplemental Instructions* form.)
Contractor shall carry out the Work in accordance with the following supplemental instructions.
- ☐ **Architect's Confirmation of a Field Order** (Use this Bulletin form in place of a *Field Order* form.)
This confirms Architect's verbal instructions to (individual's name) _____ on (date) _____, as described below.
Note: The above three choices are each subject to the following terms: The change(s), clarification(s) and/or confirmation(s) described below is/are issued in accordance with the Contract Documents, without change in Contract Sum and/or Time.
- ☒ **Architect's Request for Contractor's Proposal** (Use this Bulletin form in place of an *Estimate Request* form.)
Please submit an itemized proposal for changes in the Contract Sum and/or Time for proposed modifications to the Contract Documents described herein. Submit proposal **within** _____ **days** or notify the Architect in writing of the date on which you anticipate submitting your proposal. This is not a Change Order or a Construction Change Directive or a direction to proceed with the Work described in the proposed modifications.
- ☐ **Other:** As described below.

Attachments	BP3 Promenade - Bulletin 08		
Requested by	<input checked="" type="checkbox"/> Architect <input type="checkbox"/> Owner <input type="checkbox"/> Contractor <input type="checkbox"/> Other (specify): _____		
Issued by Gensler by	Juan Padilla	Date Signed	08/06/2021
Issued by Owner by		Date Signed	
<input type="checkbox"/> Required; Please return signed copy to Gensler <input type="checkbox"/> Not Required			
Accepted by Contractor by		Date Signed	
<input type="checkbox"/> Required; Please return signed copy to Gensler <input type="checkbox"/> Not Required			
Distribution	Bryan Sculthorpe Adam Cleveland Mike Schmidt Gregg Riker Adam Ambro Abraham Chen Matt Edwards Alex Jackson	Greg Morgan Ryan Stone John Albright Jon Gambrill Erick Griepentrog Stephen Carrolla Matt Oboyle Eric McTee	
Prepared by Gensler by	Juan Padilla	Date Signed	08/06/2021

Instructions / Description / References / Dates

Description of Changes

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Description of Changes.

General:

This bulletin addresses the following:

Updated Promenade and Plaza building plans for updated architectural layouts.

Mechanical Drawing Changes:

1. 1A-M1.100
 - a. Revised sheet metal and piping layout throughout Promenade level.
2. 1A-M1.200
 - a. Revised sheet metal and piping layout throughout Promenade level.
 - b. Revised stage exhaust including exhaust ductwork and EAV box to Promenade ERV.
3. 1A-M1.201
 - a. Revised Plaza Level 1 layout including updated louver configuration, sheet metal pathway, and piping pathway.
4. 1A-M1.202
 - a. Revised Plaza Level 2 layout including updated louver configuration, sheet metal pathway, and piping pathway.
 - b. Chiller moved up to Level 2 mechanical yard.
5. 1A-M1.300
 - a. Revised ice plant skid location and revised pipe routing.
6. 1A-M1.301
 - a. Revised refrigerant skid vent riser location.
7. 1A-M1.302
 - a. Heat rejection moved up to Level 2 mechanical yard.
 - b. Revised refrigerant skid vent riser location.
8. 1A-M1.400
 - a. Revised mechanical room layout including relocated equipment and controls.
 - b. Revised sheet metal above Zamboni pit.
9. 1A-M5.001
 - a. Revised sheet metal riser configuration including revised louver configuration at Plaza Level 2.
 - b. Revised sheet metal routing at Promenade Level.
10. 1A-M7.004
 - a. Updated energy meter schedule to match revised electrical one-line.
 - b. Added integration of existing stage toilet makeup air fans with Promenade level ERV and associated EAV box.
11. 1A-MD1.200
 - a. Drawing added to show demolition of existing stage exhaust fan. Stage exhaust now routed through Promenade ERV. Stage makeup air fans to remain un-changed from existing configuration.
12. 1A-MEP0.001
 - a. Updated ice plant supply air reheat coil parameters.
13. 1A-MEP0.002
 - a. Revised ice plant supply and exhaust minimum airflows.
 - b. Updated ice plant refrigerant calculations for increased room size.
 - c. Added EAV box for stage toilet room exhaust.
 - d. Revised louver schedule.
 - e. Added gravity vent schedule.

Plumbing Drawing Changes:

14. 1A-P1.200
 - a. Updated language in callout for area's that are not in contract.
 - b. Updated domestic cold-water distribution to Plaza Dishwashing and Prep Kitchen spaces.
 - c. Updated domestic cold-water routing to WH-1.
 - d. Updated routing of all piping up to plaza level.
 - e. Updated Zamboni Garage drainage piping.

- 15. 1A-P1.201
 - a. Updated language in callout for area's that are not in contract.
 - b. Updated locations of piping from below.

Electrical Drawing Changes:

- 16. 1A-E0.000
 - a. Modified electrical connection for 50 Amp connection on plaza pedestals.
 - b. Modified TV symbol note/explanation to clarify device is to be located behind TV.
- 17. 1A-E0.001
 - a. Added Keynote 17 and 18 for additional clarity on future phase 2 scope items.
 - b. Modified feeder table to include Aluminum VE approved per Owner VE meetings.
 - c. Relocated electrical equipment connections per plaza and promenade building redesign.
 - d. Added additional clarity to keynote 8 and feeders/equipment indicated to be included in phase 2 of this project in lieu of phase 1.
 - e. Modified grounding riser based on electrical room reconfigurations.
 - f. Added electrical connection for elevator 2 to be installed in phase 2.
- 18. 1A-E0.002
 - a. Added light fixture type L5 for clarity on light fixture type to be specified on lighting plans.
 - b. Modified lighting controls matrix to align with design intent and conversations with lighting controls rep.
- 19. 1A-E0.003
 - a. Modified electrical branch circuiting per modifications to promenade and plaza building as required.
- 20. 1A-E0.004
 - a. Modified electrical branch circuiting per modifications to promenade and plaza building as required.
- 21. 1A-E1.000
 - a. Modified circuiting for pedestal electrical connections to be 50A/2P in lieu of 50A/3P.
 - b. Modified circuiting to align with site lighting changes.
 - c. Added Site receptacle for added trees adjacent to stage building.
- 22. 1A-E1.101
 - a. Added conduit routing for future phase 2 POD-5 and POD-6 panels.
- 23. 1A-E1.102
 - a. Added conduit routing for future phase 2 POD-5 and POD-6 panels.
- 24. 1A-E1.200
 - a. Modified electrical device layout, fire alarm device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.
- 25. 1A-E1.201
 - a. Modified electrical device layout, fire alarm device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.
- 26. 1A-E1.202
 - a. Modified electrical device layout, fire alarm device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.
- 27. 1A-E1.300
 - a. Modified lighting fixture layout, lighting control device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.
- 28. 1A-E1.301
 - a. Modified lighting fixture layout, lighting control device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.

- 29. 1A-E1.302
 - a. Modified lighting fixture layout, lighting control device layout, and branch circuiting per plaza and promenade building redesign.
 - b. Modified scope in gray hatch for clarity. Per conversations with Architect, any and all scope behind the gray hatch is not included in phase 1 scope of work in the field.
- 30. 1A-E1.400
 - a. Modified electrical equipment layout in electrical rooms to include ground bus and lighting control panels in respective rooms.
- 31. 1A-E1.401
 - a. Fixed graphic issues where equipment in the promenade building was indicated on this sheet.
- 32. 1A-E1.500
 - a. Modified lighting controls hatch plans to align with building redesign and wall relocations.
 - b. Modified lighting controls matrix to align with design intent and conversations with lighting controls rep.
- 33. 1A-E1.501
 - a. Modified lighting controls hatch plans to align with building redesign and wall relocations.
 - b. Modified lighting controls matrix to align with design intent and conversations with lighting controls rep.
- 34. 1A-E8.002
 - a. Modified plaza details for added clarity to design intent of plaza pedestals and fire pit EPO buttons.

Technology Drawing Changes:

- 35. 1A-T1.200
 - a. Adjusted controlled door, card reader, and data locations to match architectural background update.
 - b. Added (1) Elevator Data for new elevator cab.
 - c. Removed (1) data/2 from old Plaza Dishwashing 105 location.
 - d. Removed (1) card reader and associated electrified hardware from door P.011A since it no longer exists.
 - e. Added (1) card reader and associated electrified hardware to door P.006.
 - f. Relocated (2) 2" Conduit riser.
- 36. 1A-T1.201
 - a. Adjusted door monitor and data locations to match architectural background update.
 - b. Removed (1) door monitor from removed retractable door.
 - c. Relocated (2) 2" Conduit riser.
- 37. 1A-T1.202
 - a. Relocated (2) 2" Conduit riser.
 - b. Relocated telecom rack and associated cross connects.

MSB									
LOCATION: SUPPLY FROM:		VOLTAGE: 480/277 Wye SCCR:					BUS: 2500 A MAIN: 2500 A - MCB		
LOADS SUMMARY		LTG	RECPT	MOTOR	MISC.	KITCHEN	ELECTRIC HEAT	EV CHARGE	Load
T-RIN1		144	11640	9504					21288 VA 26 A
LIN2		3761							3761 VA 5 A
LIN1		8325							8325 VA 10 A
T-PBDB									0 VA 0 A
MIN3				66510					66590 VA 80 A
MIN2		30420		951	14880		150		48401 VA 58 A
MIN1				85771	5600		1365		101881 VA 123 A
CH 2A.01				266751					266751 VA 321 A
ICE PLANT MCC				237770					237770 VA 286 A

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△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.08.06	BP3:PROMENADE - BULLETIN 08

ELECTRICAL EQUIPMENT CONNECTION SCHEDULE											
EQUIPMENT ID	EQUIPMENT NAME	HP	LOAD (VA)	VOLTAGE	PHASE	FLA	DISCONNECT	FUSE	FEEDER	CONDUIT	COMMENTS
EQ-1	OVERHEAD DOOR OPENER	3/4	1656	120 V	1	14 A	30A/1P	FUSE PER MFG	2 #12 & #12 GND	3/4"	
EQ-10	ADA DOOR OPENER	3/4	960	120 V	1	8 A	30A/1P		2 #12 & #12 GND	3/4"	

SITE LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING															
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.															
SYMBOL	SPACE TYPE DESCRIPTION	CONTROL TYPE						MAINTENANCE	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01	USER DEFINED 02		
		DL	DIM	OS	VS	TC	LS							DX	
SITE AND FAÇADE - PROMENADE/PLAZA															
P.S.1	F1 POLE LIGHTING AT PLAZA/PLANTERS	X	X	-	-	X	-	-							
P.S.2	F1 & F2 POLE LIGHTS AT STAGE	X	X	-	-	X	-	-							
P.S.3	F7 POLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	-							
P.S.4	F7 GIMBLE AIMABLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	-	X						
P.S.5	F7 GIMBLE AIMABLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	-	X						
P.S.6	F8 TREE LIGHTING AT PLAZA PLANTERS	X	X	-	-	X	-	-							
P.S.7	F8 TREE LIGHTING AT EAST LOWER PROMEANDE...	X	X	-	-	X	-	-							
P.S.8	F1 POLE LIGHTS AT LOWER PROMEANDE ENTRY	X	X	-	-	X	-	-							
P.S.9	S1 FAÇADE LIGHTS AT LOWER PROMEANDE ENTRY...	X	X	-	-	X	-	-							
P.S.10	S1 FAÇADE LIGHTS ON FAÇADE AT PLAZA LEVEL	X	X	-	-	X	-	-							
P.S.11	PLAZA FIRE PIT	-	-	-	-	X	-	-							
P.S.12	PLAZA FIRE BOWLS	-	-	-	-	X	-	-							
P.S.13	PLAZA TREE RECEPTACLES FOR HOLIDAY LIGHTING	-	-	-	-	X	-	-							
P.S.14	DUPLEX RECEPTACLES WITHIN POLE BASE	-	-	-	-	X	-	-							
P.S.15	PLAZA SIGNAGE	-	-	-	-	X	-	-							
P.S.16	PLAZA SIGNAGE	-	-	-	-	X	-	-							
P.S.17	PLAZA SIGNAGE	-	-	-	-	X	-	-							
P.S.18	PLAZA SIGNAGE	-	-	-	-	X	-	-							

LEVEL 00 LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING												
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.							SCENES					
							MAINTENANCE	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01	USER DEFINED 02
SYMBOL		SPACE TYPE DESCRIPTION		CONTROL TYPE								
		DL	DIM	OS	VS	TC	LS					
LEVEL 00 - PROMENADE/PLAZA												
P.00.1	STAIRS	-	-	-	-	X	-					
P.00.2	MEP ROOMS	-	-	-	-	-	X					
P.00.3	STORAGE ROOMS	-	-	-	X	-	X					
P.00.4	CORRIDORS	-	-	X	-	X	-					
P.00.5	VESTIBULES	X	-	X	-	X	-					
P.00.6	LOADING DOCK / TRASH	-	-	-	X	-	X					
P.00.7	FOOD SERVICE / DISHWASHING	-	-	-	X	-	X					
P.00.8		-	-	-	-	-	-					
P.00.9		-	-	-	-	-	-					
P.00.10		-	-	-	-	-	-					

LEVEL 02 LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING												
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.							SCENES					
							MAINTENANCE	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01	USER DEFINED 02
SYMBOL	SPACE TYPE DESCRIPTION	CONTROL TYPE										
		DL	DIM	OS	VS	TC	LS					
LEVEL 02 - PROMENADE/PLAZA												
P.02.1	STAIRS	-	-	-	-	X	-					
P.02.2	MEP ROOMS	-	-	-	-	-	X					
P.02.3		-	-	-	-	-	-					
P.02.4		-	-	-	-	-	-					
P.02.5		-	-	-	-	-	-					

LEVEL 01 LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING												
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.												
SYMBOL	SPACE TYPE DESCRIPTION	CONTROL TYPE					MAINTENANCE	SCENES				
		DL	DIM	OS	VS	TC		LS	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01
LEVEL 01 - PROMENADE/PLAZA												
P.01.1	STAIRS	-	-	-	-	X	-					
P.01.2	MEP ROOMS	-	-	-	-	X						
P.01.3		-	-	-	-	-	-					
P.01.4		-	-	-	-	-	-					
P.01.5		-	-	-	-	-	-					

LEGEND:										
DL = DAYLIGHT CONTROLLED WITH AUTOMATIC TIME CLOCK AND PHOTOCELL										
DIM = DIMMING CONTROLS (CONTROL QUANTITY, ZONING, AND TYPE PER PLAN)										
OS = OCCUPANCY SENSOR (AUTOMATIC ON TO 100%)										
VS = VACANCY SENSOR (MANUAL ON)										
TC = AUTOMATIC TIME CLOCK WITH LOW VOLTAGE OVERRIDE (SWITCH OR OCC. SENSOR PER PLAN)										
LS = LOW VOLTAGE SWITCH (ON/OFF ONLY)										
DX = DMX ADDRESSABLE FIXTURE. VERIFY WITH SPECIFIC FIXTURE SPEC FOR FIXTURE ADDRESS QUANTITY AND EM OVERRIDE REQUIREMENTS.										
GENERAL NOTES:										
1. REFER TO LIGHTING DRAWINGS FOR OCCUPANCY/VACANCY SENSOR SPACES. PROVIDE QUANTITY AS REQUIRED FOR FULL COVERAGE OF ALL SPACES.										
2. PROVIDE ADDITIONAL RELAYS AS REQUIRED FOR AUTOMATIC RECEPTACLE CONTROLS AS INDICATED ON ELECTRICAL DRAWINGS FOR ALL PRIVATE OFFICES, OPEN OFFICES, AND COMPUTER CLASSROOMS.										
3. ALL INTERIOR SPACES SHALL HAVE MANUAL LOCAL SWITCH/DIMMING CONTROLS OTHER THAN RESTROOMS AND PUBLIC CORRIDORS.										

Type	Lamp	Description	Finish	Voltage	Mounting	Manufacturer	Catalog Number	Alternate 1	Alternate 2	Control	Location	Comments
L1	42W LED, 3000 LUMENS PER 4 FEET OF FIXTURE, 3500K, 80+ CRI, 50,000+ HOURS	LED STRIPLIGHT WITH DIFFUSE LENS, PROVIDE SURFACE OR PENDANT MOUNT SUPPORTS PER MOUNTING HEIGHT	WHITE	120-277	PENDANT TO 10 FT. AFF	LITHONIA	CLX L48-3000LM-SEF-FDL	COOPER METALUX SNLED SERIES	DAYBRITE FSS LED SERIES	ON/OFF	MEP, STORAGE	PROVIDE ADDITIONAL QUANTITY OF COMPLETE LIGHT FIXTURE, WITH A QTY OF 0.25% OF TOTAL QTY AND A MIN. QTY OF 2 FIXTURES.
L2	15 WATT LED, 600 LUMENS, 4000K,	WALL MOUNTED LED 'JELLY JAR' STYLE LIGHT FIXTURE WITH METAL GUARDING AROUND FIXTURE LENSING /LIGHT SOURCE. LOW PROFILE, VAPOR TIGHT, LED LIGHT SOURCE.	STANDARD	MVOLT	WALL	LITHONIA	OLVTWM-	APPROVED ALTERNATE	APPROVED ALTERNATE	ON/OFF	GENERATOR YARD	
L3	NOT USED	NOT USED										
L3A	NOT USED	NOT USED										
L4	23W LED, 1800+ DELIVERED LUMENS, 3500K, 80+ CRI, 50000 HOURS	4" DIAMETER RECESSED FIXED DOWNLIGHT, 73 DEGREE WIDE BEAM DISTRIBUTION, MATTE-DIFFUSE REFLECTOR, 6-8/16" TALL NEW CONSTRUCTION HOUSING, INTEGRAL DRIVER.	STANDARD, TO BE CONFIRMED WITH ARCHITECT	120-277	RECESSED	GOTHAM	EV04-35/20-AR-WD-LD-4VOLT-GZ10	COOPER PORTFOLIO SERIES	SIGNIFY CALCULITE SERIES	0-10V DIMMING	CORRIDORS	PROVIDE ADDITIONAL QUANTITY OF COMPLETE LIGHT FIXTURE, WITH A QTY OF 0.25% OF TOTAL QTY AND A MIN. QTY OF 2 FIXTURES.
L4A	NOT USED	NOT USED										
L5	20W, 2000 LUMENS, 3500K, 85 CRI, 50,000 HOURS	4" DIAMETER CYLINDER DOWNLIGHT, 65 DEGREE WIDE BEAM DISTRIBUTION, MATTE-DIFFUSE REFLECTOR, 6-8/16" TALL NEW CONSTRUCTION HOUSING, INTEGRAL DRIVER.	WHITE (VERIFY WITH ARCH)	120-277	PENDANT	GOTHAM	EV04CC-35/20-AR-LD-MVOLT-GZ10	COOPER PORTFOLIO SERIES	SIGNIFY CALCULITE SERIES	ELV / 0-10V DIMMING	CORRIDORS	
L6	NOT USED	NOT USED										
L6A	9W/FT, 1250 LUMENS PER FOOT, 3500K, 80+ CRI, 50,000+ HOURS	3.44" WIDE X 2.72" DEEP LED STRIPLIGHT WITH DIFFUSE LENS, PROVIDE SURFACE OR PENDANT MOUNT SUPPORTS PER MOUNTING HEIGHT. LENGTH PER PLAN	WHITE, VERIFY WITH ARCHITECT	120-277	WALL	LITHONIA	CLX L24 2500LM SEF FDL	COOPER METALUX SNLED SERIES	DAYBRITE FSS LED SERIES	0-10V DIMMING	STAIRS/ CORRIDORS	
L6B	NOT USED	NOT USED										

SITE FAÇADE												
Type	Lamp	Description	Finish	Voltage	Mounting	Manufacturer	Catalog Number	Alternate 1	Alternate 2	Control	Location	Comments
S1	500S LUMENS, 55W, 3000K, 80 CRI	SIMILAR TO F1, EXCEPT WALL MOUNTED	BLACK (VERIFY WITH ARCH)	120/277V	WALL	WE-EF	ASBP34 LED055-320R	APPROVED ALTERNATE	APPROVED ALTERNATE	0-10V DIMMING		ARM MOUNTED
S2	7.7W, 807 LUMENS, 3000K, 80 CRI	10.31" WIDE X 9.06" TALL X 4.52" DEEP RECESSED STEP LIGHT WITH TEMPERED GLASS LENS, ASSYMETRIC THROW, WET LOCATION RATED.	GREY METALLIC (VERIFY WITH ARCHITECT)	120-277V	RECESSED	WE-EF	QRI 354 LED - 618 121	APPROVED ALTERNATE	APPROVED ALTERNATE	ON/OFF	STEPS	
S3	8W, 1080 LUMENS, 2700K, 80 CRI	3.8" DIAMETER SEMI-RECESSED LUMINAIRE WITH BLADE OPTICS FOR VERY TIGHT BEAM CONTROL. FIXTURE SHALL BE WET RATED FOR INSTALLATION WITHIN STONE WALL.	STAINLESS STEEL	120-277V	RECESSED	INTER-LUX	E84316-M	APPROVED ALTERNATE	APPROVED ALTERNATE	0-10V DIMMING	ESCALATOR CANOPY	

EMERGENCY												
Type	Lamp	Description	Finish	Voltage	Mounting	Manufacturer	Catalog Number	Alternate 1	Alternate 2	Control	Location	Comments
X1	5W LED GREEN/RED	EDGE LIT EXIT SIGN, PROVIDE WHITE OR MIRROR BACKING BETWEEN PANELS - TBD, MOUNTING AND ARROWS, SINGLE OR DOUBLE FACE, WITH UNIVERSAL MOUNTING FOR ALL CONDITIONS PER PLAN DRAWINGS	BRUSHED ALUMINUM	277	UNIVERSAL	LITHONIA	LRP SERIES	COOPER	SIGNIFY		PREMIUM AREAS	VERIFY LETTER & BACKGROUND COLOR WITH LOCAL AHJ

Seal / Signature



Project Name	SSRC BASE AREA IMPROVEMENTS
Project Number	003.7835.000
Description	ELECTRICAL CONNECTION AND LIGHTING SCHEDULES

Scale	1/8" = 1'-0"
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1A-E0.002

Steamboat Base Village Redevelopment										ME Engineers Inc.										PANEL: L1N1									
480/277 Vys 3 Phase, 4 Wire + Gnd. 60Hz. SCCR:										BUS: 280 A MANS: MLO GROUND BAR: Copper OPTIONS:										ENCLOSURE: Type 1 MOUNTING: Surface FED FROM: MSB LEVEL: LOWER LEVEL B02 - PUBLIC FFE LOCATION: ISSUE DATE: 12/17/2020									
NOTES:										REFER TO DETAILS & SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.																			
N	DESCRIPTION		P	OC	CKT	A	B	C	CKT	OC	P	DESCRIPTION		N															
--	T-RSN1		3	125	1	800	1648				2	20	1	CORRIDOR, ERV RMS, MECH/ICE, DISHWASHING LTG															
--			--	--	--	--	--	--	--	--	4	20	1	COLD FOOD STORAGE, KEG ROOM, FOOD STORAGE, LTG															
--			--	--	--	--	800	1604			6	20	1	MECHANICAL YARD STUMBLE LIGHTING															
--	EM LTG WATER ENTRY, MAIN ELEC. VEST. 100 (1X INV)		1	20	7	344	336				8	20	1	EM LTG FOOD PREP AND STORAGE (1X INV)															
--	EM LTG EDI#1 RM 80 & 91 & CORRIDOR 114 (1X INV)		1	20	9			378	0		10	20	1	SPARE															
--	EM LTG FOOD STORAGE (1X INV)		1	20	11				546	0	12	20	1	SPARE															
--	EM LTG ERV1 & ERV 2 (1X INV)		1	20	13	420	0				14	20	1	SPARE															
--	EM LTG ELEC 106 & CORRIDOR (2X INV)		1	20	15			468	0		16	20	1	SPARE															
--	EM LTG MECH ICE PLANT (1X INV)		1	20	17				420	0	18	20	1	SPARE															
--	EM LTG FOOD SERVICE, LOADING/TRASH 103 (1X INV)		1	20	19	210	0				20	20	1	SPARE															
--	EM LTG STAIR 109 (1X INV)		1	20	21			216	0		22	20	1	SPARE															
--	EXIT SIGNS WHOLE BUILDING (1X INV)		1	20	23				15	0	24	20	1	SPARE															
--	SPARE		20	25	0	0	0				26	20	1	SPARE															
--	SPARE		20	27							28	20	1	SPARE															
--	SPARE		20	29							30	20	1	SPARE															
--	SPARE		20	31	0	0	0				32	20	1	SPARE															
--	SPARE		20	33							34	20	1	SPARE															
--	SPARE		20	35							36	20	1	SPARE															
--	SPARE		20	37	0	0	0				38	20	1	SPARE															
--	SPARE		20	39							40	20	1	SPARE															
--	SPARE		20	41							42	20	1	SPARE															
PER PHASE VA WITH DOWNSTREAM LOADS										LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED																			
PHASE		A	B	C	TOTALS		CATEGORY		CONNECTED	FACTOR	CALC. V-A	AMPS @ 480/277 Vys																	
CALC		3758	3466	1101	8325		LIGHTING		8325	100%	8325	10																	
CNCTD		3758	3466	1101	8325		RECEPTACLE																						
DOWNSTREAM FEED THROUGH LUG PANELS										MOTOR																			
CONDUCTOR COLORS (EC TO LABEL IN PANEL)										MISCELLANEOUS																			
208Y/120										KITCHEN																			
480Y/277										ELECTRIC HEAT																			
BLACK										EV CHARGING																			
A	BROWN																												
B	RED																												
C	BLUE																												
W	GREEN																												
H	WHITE																												
G	WHITE/GRAY STRIPE																												
TOTAL						8325				8325				10															

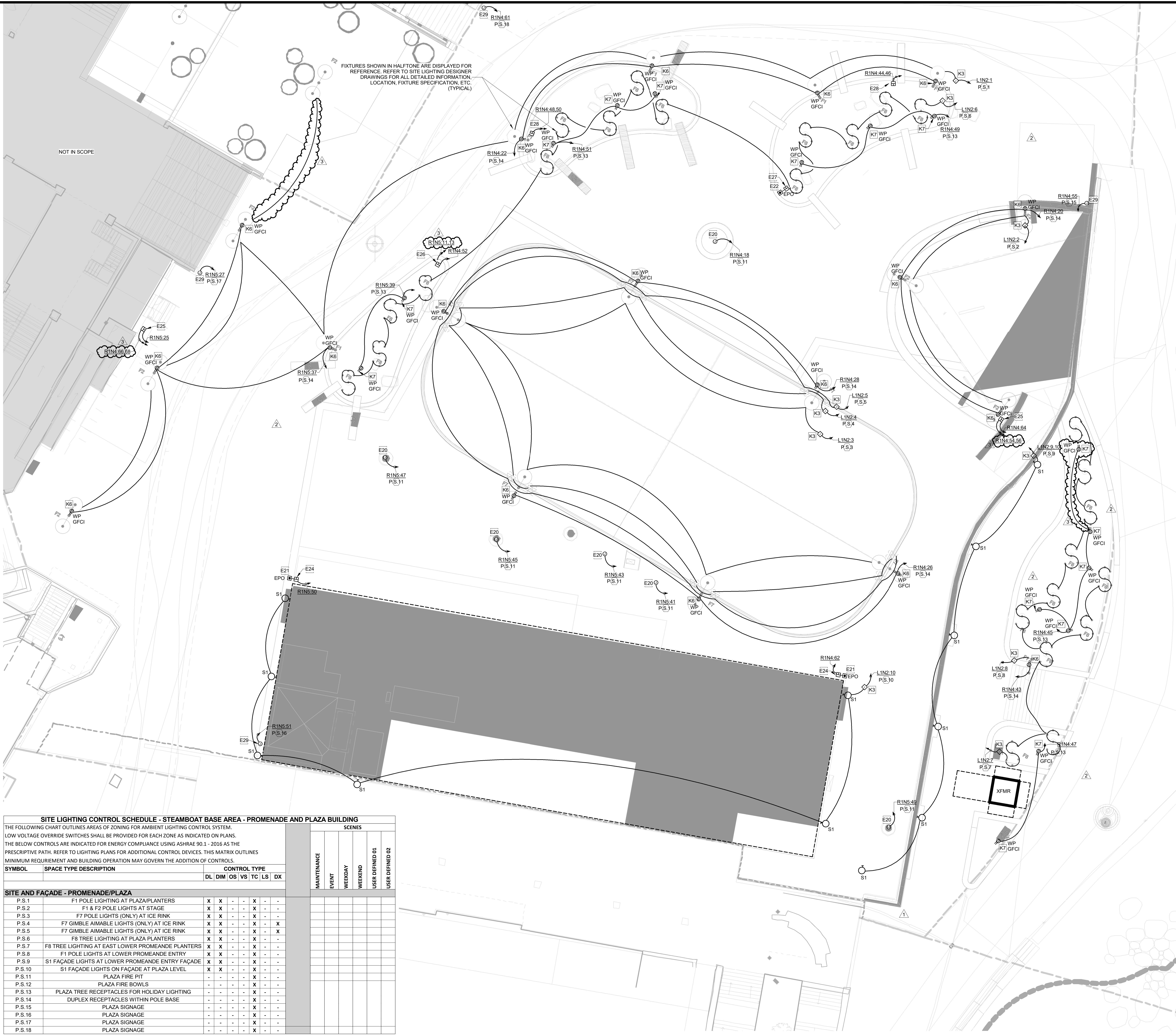
Steamboat Base Village Redevelopment										ME Engineers Inc.										PANEL		L1N2					
480/277 Wye 3 Phase, 4 Wire + Gnd. 60Hz. SCCR:										BUS: 100 A MANS: MLO GROUND BAR: Copper OPTIONS:										ENCLOSURE: MOUNTING: FED FROM: LEVEL: LOCATION:		Type 1 Surface MSB LOWER LEVEL B02 - PUBLIC FFE					
NOTES:																				ISSUE DATE:		12/17/2020					
																				REFER TO DETAILS AND SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.							
N	DESCRIPTION										P	OC	CKT	A	B	C	CKT	OC	P	DESCRIPTION	N						
	SITE LIGHTING F1 & F2 - ZONE P.S.1										1	20	1	605	330			2	20	1	SITE LIGHTING F1 & F2 - ZONE P.S.2						
	SITE LIGHTING F7 - ZONE P.S.3										1	20	3		660	672			4	20	1	SITE LIGHTING F7A - ZONE P.S.4					
	SITE LIGHTING F7A - ZONE P.S.5										1	20	5			672	225	0	24	20	1	SITE LIGHTING F7B - ZONE P.S.6					
	SITE LIGHTING F8 - ZONE P.S.7										1	20	7	15	55			8	20	1	SITE LIGHTING F1 - ZONE P.S.8						
	SITE LIGHTING F3 - ZONE P.S.9										1	20	9		220	55			10	20	1	SITE LIGHTING S1 - ZONE P.S.10					
	SPARE										1	20	11				0	0	12	20	1	SPARE					
	STAGE BUILDING RESTROOM NORMAL LIGHTING										1	20	13	84	0				14	20	1	SPARE					
	EM LTG - ELEC 130										1	20	15			168	0		16	20	1	SPARE					
	SPARE										1	20	17				0	0	18	20	1	SPARE					
	SPARE										1	20	19	0	0				20	20	1	SPARE					
	SPARE										1	20	21			0	0		22	20	1	SPARE					
	SPARE										1	20	23				0	0	24	20	1	SPARE					
	SPARE										1	20	25	0	0				26	20	1	SPARE					
	SPARE										1	20	27			0	0		28	20	1	SPARE					
	SPARE										1	20	29				0	0	30	20	1	SPARE					
	SPARE										1	20	31	0	0				32	20	1	SPARE					
	SPARE										1	20	33				0	0	34	20	1	SPARE					
	SPARE										1	20	35				0	0	36	20	1	SPARE					
	SPARE										1	20	37	0	0				38	20	1	SPARE					
	SPARE										1	20	39				0	0	40	20	1	SPARE					
	SPARE										1	20	41				0	0	42	20	1	SPARE					
PER PHASE VA WITH DOWNSTREAM LOADS										LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED																	
PHASE		A	B	C	TOTALS		CATEGORY		CONNECTED	FACTOR	CALC. V-A	AMPS @ 480/277 Wye															
CALC		1089	1775	897	3761		LIGHTING		3761	100%	3761	5															
CNCTD		1089	1775	897	3761		RECEPTACLE																				
DOWNSTREAM FEED THROUGH LUG PANELS										MOTOR																	
CONDUCTOR COLORS (EC TO LABEL IN PANEL)										KITCHEN																	
A		208Y/120		480Y/277		ELECTRIC HEAT																					
B		BLACK		BROWN		EV CHARGING																					
C		RED		ORANGE																							
D		BLUE		YELLOW																							
E		WHITE		WHITE/GRAY STRIPE																							
F		GREEN		GREEN																							
TOTAL						3761				3761		5															

Steamboat Base Village Redevelopment										ME Engineers Inc.										PANEL: M1N1													
480/277 Vys 3 Phase, 4 Wire + Gnd. 60Hz. SCCR:										BUS: 280 A MANS: MCB GROUND BAR: Copper OPTIONS:										ENCLOSURE: Type 1 MOUNTING: Surface FED FROM: MSB LEVEL: LOWER LEVEL B02 - PUBLIC FF LOCATION: 12/17/2020													
NOTES: 1. PROVIDE GFTPE TYPE BREAKER										REFER TO DETAILS AND SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.																							
N	DESCRIPTION										P	OC	CKT	A	B	C	CKT	OC	P	DESCRIPTION													
--	T-R1N2 (ABOVE)										3	125	1	5455	9324			2	60	3	ERV 1A.01												
--											--	--	--	3		7385	9324			4	--	--											
--											--	--	--	5				7768	9324		6	--	--										
--	CWP 1A.01										3	20	7	3810	0				8	30	3	SPARE											
--											--	--	--	9		3810	0			10	--	--											
--											--	--	--	11				3610	0	12	--	--											
--	CWP 1A.01										3	20	13	3810	2106				14	20	3	UNDERFLOOR DRAINAGE SUMP PUMP											
--											--	--	--	15		3810	2106			16	--	--											
--											--	--	--	17				3810	2106		20	30	3										
--	EBP 1A.01										3	20	19	1039	0				20	20	3	SPARE											
--											--	--	--	21		1039	0			22	--	--											
--											--	--	--	23				1039	0	24	--	--											
--	SF 1A.02										3	20	25	252	1000				26	20	1	SE - HEAT TRACE											
--											--	--	--	27		252	0			28	20	1	SPARE										
--											--	--	--	29				252	0	30	20	1	SPARE										
--	ESP-1										3	20	31	942	0				32	20	1	SPARE											
--											--	--	--	33		942	0			34	20	1	SPARE										
--											--	--	--	35				942	0	36	20	1	SPARE										
--	ERV 1A.02										3	40	37	5474	0				38	20	1	SPARE											
--											--	--	--	39		5474	0			40	20	1	SPARE										
--											--	--	--	41				5474	0	42	20	1	SPARE										
PER PHASE VA WITH DOWNSTREAM LOADS																																	
PHASE		A		B		C		TOTALS		CATEGORY		CONNECTED		FACTOR		CALC. V-A		AMPS @ 480/277 Vys															
CALC		36007		37015		37431		110453		LIGHTING																							
CINCD		33213		34143		34526		101881		RECEPTACLE																							
DOWNSTREAM FEED THROUGH LUG PANELS																																	
LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED																																	
MOTOR																																	
MISCELLANEOUS																																	
KITCHEN																																	
ELECTRIC HEAT																																	
EV CHARGING																																	
CONDUCTOR COLORS (EC TO LABEL IN PANEL)																																	
280/1128 480/277																																	
A	BLACK BROWN																																
B	RED ORANGE																																
C	BLUE YELLOW																																
N	WHITE WHITE/GRAY STRIPE																																
G	GREEN GREEN																																
TOTAL																																	

Steamboat Base Village Redevelopment						ME Engineers Inc.						PANEL: R1N4				
120208 Wye						BUS: 400 A						ENCLOSURE: Type 1				
3 Phase, 4 Wire + Gnd. 60Hz.						MAINS: 400 A - MCB						MOUNTING: Surface				
SCCR:						GROUND BAR: Copper						FED FROM: R1N4				
NOTES:						OPTIONS:						LEVEL: LOWER LEVEL B02 - PUBLIC FFE				
1. EXISTING CIRCUIT TO BE REFEED FROM NEW PANEL						FEED THROUGH LUGS						LOCATION: 12/17/2020				
												REFER TO DETAILS AND SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.				
N	DESCRIPTION					P	OC	CKT	A	B	C	CKT	OC	P	DESCRIPTION	N
1	EF-1					1	20	1	0	0		2	20	3	EW-1	1
1	SF-1					1	20	3		0	0	4	--	--	--	--
1	SF-2					1	20	5				6	--	--	--	--
1	WH-3					1	20	7	0	0		8	20	1	SPARE	--
1	RECEPTACLES					1	20	9		0	0	10	20	1	SPARE	--
1	RECEPTACLES					1	20	11			0	12	20	1	SPARE	--
1	RECEPTACLES					1	20	13	0	0		14	20	1	SPARE	--
1	HAND DRYERS					1	20	15		0	0	16	20	1	SPARE	--
1	HAND DRYERS					1	20	17			0	18	20	1	PLAZA FIRE PIT CONNECTION	--
1	HAND DRYERS					1	20	19	0	540		20	20	1	DUPLEXES IN LTG FIXTURE POLES	--
1	HAND DRYERS					1	20	21		0	720	22	20	1	DUPLEXES IN LTG FIXTURE POLES	--
1	HAND DRYERS					1	20	23			0	24	20	1	SPARE	--
1	HAND DRYERS					1	20	25	0	540		26	20	1	DUPLEXES IN LTG FIXTURE POLES	--
1	MECH TIME CLOCK					1	20	27		0	540	28	20	1	DUPLEXES IN LTG FIXTURE POLES	--
1	SOLENOID VALVE					1	20	29			0	30	20	1	SPARE	--
	SPARE					1	20	31	0	0		32	20	1	SPARE	--
	SPARE					1	20	33		0	0	34	20	1	SPARE	--
	SPARE					1	20	35			0	36	20	1	SPARE	--
	SPARE					1	20	37	0	8625		38	150	3	R1N5	--
	SPARE					1	20	39		0	7426	40	--	--	--	--
	SPARE					1	20	41			0	42	--	--	--	--
PER PHASE VA WITH DOWNSTREAM LOADS						LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED										
PHASE	A	B	C	TOTALS	CATEGORY	CONNECTED	FACTOR	CALC. V-A	AMPS @ 120/208 Wye							
CALC	15078	9957	13255	38290	LIGHTING											
CNNCTD	15080	12086	16755	43841	RECEPTACLE	30420	66%	20210	56							
DOWNSTREAM FEED THROUGH LUG PANELS							MOTOR	951	110%	1050	3					
							MISCELLANEOUS	14880	100%	14880	41					
CONDUCTOR COLORS (EC TO LABEL IN PANEL)							KITCHEN									
							ELECTRIC HEAT	150	100%	150	0					
							EV CHARGING									
208Y/120						480Y/277										
A	BLACK					BROWN										
B	RED					ORANGE										
C	BLUE					YELLOW										
N	WHITE					WHITE/GRAY STRIPE										
G	GREEN					GREEN										
						TOTAL	46401					38290 106				

Steamboat Base Village Redevelopment										ME Engineers Inc.										PANEL		R1N4													
120208 Wye										BUS: 400 A										ENCLOSURE		Type 1													
3 Phase, 4 Wire + Gnd. 60Hz.										MAINS: 400 A - MLO										MOUNTING		Surface													
SCCR:										GROUND BAR: Copper										FED FROM:		R1N4													
NOTES:										OPTIONS:										LEVEL:		LOWER LEVEL B02 - PUBLIC FFE													
1. PROVIDE GFCI PROTECTION FOR CIRCUIT VIA BREAKER OR RELAY																				LOCATION:		12/17/2020													
																				ISSUE DATE:															
																						REFER TO DETAILS AND SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.													
N	DESCRIPTION										P	OC	CKT	A		B		C		CKT	OC	P	DESCRIPTION										N		
	DUPLEX AT LTG FIXTURE POLE BASE - LOWER PROM.										1	20	43	180	360						44	20	1	SITE POWER PEDESTAL NEMA 5-20R QUAD										--	
	DUPLEX AT BASE OF TREES - LOWER PROM.										1	20	45			720		360				46	20	1	SITE POWER PEDESTAL NEMA 5-20R QUAD										--
	DUPLEX AT BASE OF TREES - LOWER PROM.										1	20	47					360		360		48	20	1	SITE POWER PEDESTAL NEMA 5-20R QUAD										--
	DUPLEX AT BASE OF TREES - PLAZA										1	20	49	540	360						50	20	1	SITE POWER PEDESTAL NEMA 5-20R QUAD										--	
	DUPLEX AT BASE OF TREES - PLAZA										1	20	51			540		180				52	--	--	SITE POWER PEDESTAL NEMA 5-20R										--
	SPARE										1	20	53							0		54	--	--	SITE POWER PEDESTAL (50A/2P, C56369)										--
	PLAZA SIGNAGE ELEMENT NEAR STAGE (P.S.15)										1	20	55	500	3120						56	--	--	--										--	
	SPARE										1	20	57			0		0		0		58	--	--	SPARE										--
	SPARE										1	20	59							0		60	--	--	SPARE										--
	PLAZA SIGNAGE ELEMENT NEAR ESCALATOR (P.S.18)										2	50	63	600	180				0		62	20	1	SITE POWER PEDESTAL NEMA 5-20R										--	
	SPARE										1	20	65			0		180		0		64	--	--	SITE POWER PEDESTAL NEMA 5-20R										--
	SPARE										1	20	67	0	3120						66	--	--	SITE POWER PEDESTAL (50A/2P, C56369)										--	
	SPARE										1	20	69			0		0				68	20	1	SPARE										--
	SPARE										1	20	71							0		70	--	--	ELEC ROOM 130 RCPTS										--
	SPARE										1	20	73	0	360				0		72	20	1	ELEC ROOM 130 & IRRIGATION CLOSET 129 RCPTS										--	
	SPARE										1	20	75			0		1920				74	20	1	SITE IRRIGATION SYSTEM										--
	SPARE										1	20	77							0		76	20	1	UH 3										--
	SPARE										1	20	79	0	135						78	20	1	WFCU 1A.04										--	
	SPARE										1	20	81							0		80	20	1	SPARE										--
	SPARE										1	20	83							0		82	20	1	SPARE										--
PER PHASE VA WITH DOWNSTREAM LOADS										LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED																									
PHASE	A		B		C		TOTALS		CATEGORY		CONNECTED		FACTOR		CALC. V-A		AMPS @ 120/208 Wye																		
CALC	7675		3200		6128		17003		LIGHTING																										
CNNCTD	9365		3900		7470		20725		RECEPTACLE		17520		79%		13760				38																
DOWNSTREAM FEED THROUGH LUG PANELS										MOTOR		285		113%		323				1															
										MISCELLANEOUS		1920		100%		1920				5															
CONDUCTOR COLORS (EC TO LABEL IN PANEL)										KITCHEN										ELECTRIC HEAT															
208Y/120										480Y/277										EV CHARGING															
A	BLACK		BROWN																																
B	RED		ORANGE																																
C	BLUE		YELLOW																																
N	WHITE		WHITE/GRAY STRIPE																																
G	GREEN		GREEN						TOTAL		20725				17003				47																

Steamboat Base Village Redevelopment						ME Engineers Inc.						PANEL		R1N5						
120208 Wye						BUS: 150 A						ENCLOSURE		Type 1						
3 Phase, 4 Wire + Gnd. 60Hz.						MAINS: 150 A - MCB						MOUNTING		Surface						
SCCR:						GROUND BAR: Copper						FED FROM:		R1N4						
NOTES:						OPTIONS:						LEVEL:		LOWER LEVEL B02 - PUBLIC FFE						
1. PROVIDE GFCI PROTECTION FOR CIRCUIT VIA BREAKER OR RELAY						FEED THROUGH LUGS						LOCATION:		12/17/2020						
												ISSUE DATE:								
														REFER TO DETAILS AND SPECIFICATION SECTION FOR PANELBOARD LAMINATED PLAQUE REQUIREMENTS.						
N	DESCRIPTION					P	OC	P	CKT	A	B	C	CKT	OC	P	DESCRIPTION	N			
	UH 4					1	20	1	150	360			2	20	1	IDF 90 ACP				
	HFCU 1					1	20	3			396	0		4	30	2				
	WFCU 1A.03					1	20	5					135	0	6		--			
	WFCU 1A.02					1	20	7	135	0					8	30	2			
	IDF/IT 90 RCPT					1	20	9			720	0		10			SPARE			
	SITE POWER PEDESTAL (50A/2P, C56369)					--	--	--	--	--	--	--	--	--	--	--	--	SPARE		
	SPARE					1	20	15				0	0		16	20	1	SPARE		
	SPARE					1	20	17					0	0		18	20	1	SPARE	
	SPARE					1	20	19	0	0					20	20	1	SPARE		
	IDF/IT 90 RCPT					1	20	21			540	0			22	20	1	SPARE		
	CORRIDOR 114					1	20	23				540	0		24	20	1	SPARE		
	FOOD STORAGE 114 RCPTS					1	20	25	540	0					26	20	1	SPARE		
	PLAZA SIGNAGE ELEMENT NEAR STAIRS (P.S.17)					1	20	27			500	0			28	20	1	SPARE		
	SITE POWER PEDESTAL NEMA 5-20R QUAD					1	20	29				360	0		30	20	1	SPARE		
	SPARE					1	20	31	0	0					32	20	1	SPARE		
	SPARE					1	20	33			0	1350			34	30	2	IT RACK L6-30R RCPT		
	SPARE					1	20	35					0	1350	36	--	--	--		
	DUPLEXES IN LTG FIXTURE POLES					1	20	37	720	1350					38	30	2	IT RACK L6-30R RCPT		
	DUPLEX AT BASE OF TREES - PLAZA					1	20	39			360	1350			40	--	--	--		
	PLAZA FIRE BOWL CONNECTION					1	20	41					360	1350	42	30	2	IT RACK L6-30R RCPT		
	PLAZA FIRE BOWL CONNECTION					1	20	43	360	1350					44	--	--	--		
	PLAZA FIRE BOWL CONNECTION					1	20	45	360	1350					46	30	2	IT RACK L6-30R RCPT		
	PLAZA FIRE BOWL CONNECTION					1	20	47					360	1350	48	--	--	--		
	PLAZA FIRE BOWL CONNECTION					1	20	49	360	180					50	20	1	SITE POWER PEDESTAL NEMA 5-20R		
	PLAZA SIGNAGE ELEMENT (P.S.16)					1	20	51			500	0			52	20	1	SPARE		
	SPARE					1	20	53					0	0	54	20	1	SPARE		
	SPARE					1	20	55	0	0					56	20	1	SPARE		
	SPARE					1	20	57			0	0			58	20	1	SPARE		
	SPARE					1	20	59							60	20	1	SPARE		
PER PHASE VA WITH DOWNSTREAM LOADS																				
PHASE	A	B	C	TOTALS	LOAD SUMMARY WITH DOWNSTREAM LOADS INCLUDED															
CALC	8562	7372	8880	24795	LIGHTING															
CNCTD	8625	7420	8925	24970	RECEPTACLE															
					MOTOR															
					MISCELLANEOUS															
					KITCHEN															
					ELECTRIC HEAT															
					EV CHARGING															
CONDUCTOR COLORS (EC TO LABEL IN PANEL)																				
20BX120 480Y/277																				
A	BLACK			BROWN																
B	RED			ORANGE																
C	BLUE			YELLOW																
W	WHITE			WHITE/GRAY STRIPE																
N	GREEN			GREEN	TOTAL															
					24976 24795 69															



SITE LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING									
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM.									
LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS.									
THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.									
SYMBOL	SPACE TYPE DESCRIPTION	CONTROL TYPE							
		DL	DIM	OS	VS	TC	LS	DX	
SITE AND FAÇADE - PROMENADE/PLAZA									
P.S.1	F1 POLE LIGHTING AT PLAZA/PLANTERS	X	X	-	-	X	-	-	
P.S.2	F1 & F2 POLE LIGHTS AT STAGE	X	X	-	-	X	-	-	
P.S.3	F7 POLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	-	
P.S.4	F7 GIMBLE AIMABLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	X	
P.S.5	F7 GIMBLE AIMABLE LIGHTS (ONLY) AT ICE RINK	X	X	-	-	X	-	X	
P.S.6	F8 TREE LIGHTING AT PLAZA PLANTERS	X	X	-	-	X	-	-	
P.S.7	F8 TREE LIGHTING AT EAST LOWER PROMENADE PLANTERS	X	X	-	-	X	-	-	
P.S.8	F1 POLE LIGHTS AT LOWER PROMENADE ENTRY	X	X	-	-	X	-	-	
P.S.9	S1 FAÇADE LIGHTS AT LOWER PROMENADE ENTRY FAÇADE	X	X	-	-	X	-	-	
P.S.10	S1 FAÇADE LIGHTS ON FAÇADE AT PLAZA LEVEL	X	X	-	-	X	-	-	
P.S.11	PLAZA FIRE PIT	-	-	-	-	X	-	-	
P.S.12	PLAZA FIRE BOWLS	-	-	-	-	X	-	-	
P.S.13	PLAZA TREE RECEPTACLES FOR HOLIDAY LIGHTING	-	-	-	-	X	-	-	
P.S.14	DUPLEX RECEPTACLES WITHIN POLE BASE	-	-	-	-	X	-	-	
P.S.15	PLAZA SIGNAGE	-	-	-	-	X	-	-	
P.S.16	PLAZA SIGNAGE	-	-	-	-	X	-	-	
P.S.17	PLAZA SIGNAGE	-	-	-	-	X	-	-	
P.S.18	PLAZA SIGNAGE	-	-	-	-	X	-	-	

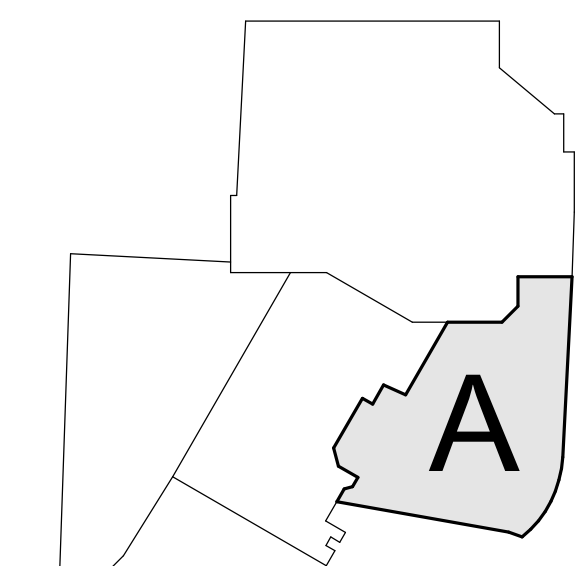
1 ELECTRICAL SITE PLAN

SCALE: 1" = 10'-0"

- ## GENERAL NOTES:
1. REFER TO LANDSCAPE DRAWINGS FOR LIGHT FIXTURE SPECIFICATIONS.
 2. REFER TO LANDSCAPE DRAWINGS FOR ALL SITE FIXTURE LOCATIONS MOUNTED IN HARDSCAPE OR SOFTSCAPE. FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND LANDSCAPE ELEMENTS.
 3. ALL LANDSCAPE OR EXTERIOR BUILDING LIGHTING SHALL BE CONTROLLED VIA THE LIGHTING CONTROL SYSTEM.
 4. REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR ALL FIXTURE LOCATIONS ON THE EXTERIOR OF THE BUILDING. FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
 5. PROVIDE A MINIMUM 1" PVC CONDUIT FOR ALL UNDERGROUND BRANCH CIRCUITS. ALL 90DEGREE ELBOWS SHALL BE PVC COATED RIGID.
 6. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.
 7. ALL WORK INDICATED ON THIS SHEET IS CONSIDERED PHASE 1 SCOPE OF WORK.

KEYNOTES	
E20	PROVIDE 120V/1P ELECTRICAL CONNECTION FOR FIRE PIT/FIRE BOWL ON SITE. REFER TO LANDSCAPE DRAWINGS FOR EXACT CONNECTION REQUIREMENTS AND LOCATION. CONTROL THROUGH THE LIGHTING CONTROL SYSTEM. PROVIDE OVERRIDE ABILITY TO POWER OFF VIA EPO LOCATED ON SITE.
E21	PROVIDE EMERGENCY POWER OFF BUTTON FOR SITE FIRE BOWL GAS CONNECTIONS. REFER TO PLUMBING DRAWINGS FOR EXACT CONNECTION LOCATION FOR VALVE SHUTOFF TO TIE BACK TO EPO. THIS EPO SHALL SHUT OFF ALL FIRE BOWL LOCATIONS.
E22	PROVIDE EMERGENCY POWER OFF BUTTON FOR SITE FIRE PIT GAS CONNECTION. REFER TO PLUMBING DRAWINGS FOR EXACT CONNECTION LOCATION FOR VALVE SHUTOFF TO TIE BACK TO EPO. THIS EPO SHALL SHUT OFF THE LARGE FIRE PIT.
E24	PROVIDE SITE POWER PEDESTAL WITH (1) QUAD NEMA 3R 5-20R RECEPTACLE AND (1) EPO. ELECTRICAL DEVICES SHALL HAVE DEDICATED CIRCUITS. RE: DETAIL 1 ON SHEET 1A-E8.002. COORDINATE EXACT LOCATION WITH LANDSCAPE PRIOR TO INSTALLATION.
E25	PROVIDE SITE POWER PEDESTAL WITH (1) QUAD NEMA 3R 5-20R RECEPTACLE AND (1) CS8369. ELECTRICAL DEVICES SHALL HAVE DEDICATED CIRCUITS. RE: DETAIL 2 ON SHEET 1A-E8.002. COORDINATE EXACT LOCATION WITH LANDSCAPE PRIOR TO INSTALLATION.
E26	PROVIDE SITE POWER PEDESTAL WITH (1) QUAD NEMA 3R 5-20R RECEPTACLE AND (1) CS8369. ELECTRICAL DEVICES SHALL HAVE DEDICATED CIRCUITS. RE: DETAIL 3 ON SHEET 1A-E8.002. COORDINATE EXACT LOCATION WITH LANDSCAPE PRIOR TO INSTALLATION.
E27	PROVIDE SITE POWER PEDESTAL WITH (1) EPO. ELECTRICAL DEVICES SHALL HAVE DEDICATED CIRCUITS. RE: DETAIL 4 ON SHEET 1A-E8.002. COORDINATE EXACT LOCATION WITH LANDSCAPE PRIOR TO INSTALLATION.
E28	PROVIDE SITE POWER PEDESTAL WITH (2) QUAD NEMA 3R 5-20R RECEPTACLES. ELECTRICAL DEVICES SHALL HAVE DEDICATED CIRCUITS. RE: DETAIL 5 ON SHEET 1A-E8.002. COORDINATE EXACT LOCATION WITH LANDSCAPE PRIOR TO INSTALLATION.
E29	PROVIDE 120V/20A CONNECTION TO SIGNAGE ELEMENT. REFER TO ARCHITECTURAL AND LANDSCAPE DRAWINGS FOR EXACT LOCATION. VERIFY ELECTRICAL CONNECTION TYPE WITH MANUFACTURER SIGNAGE SUBMITTALS.
K3	PROVIDE SINGLE ZONE DISTRIBUTED ROOM CONTROLLER FOR LIGHTING CONTROL WITHIN THIS SPACE. ROOM CONTROLLER SHALL HAVE ON/OFF RELAY CONTROL AND DIMMING FUNCTIONALITY. ROOM CONTROLLER SHALL BE MOUNTED INSIDE BUILDING OR WITHIN NEMA 3R ENCLOSURE ON SITE. REFER TO LIGHT FIXTURE SCHEDULE FOR EXACT DIMMING TECHNOLOGY BEING USED ON A PER LIGHT FIXTURE BASIS. PROVIDE NETWORK CONNECTION FOR THIS ROOM CONTROLLER TO THE OVERALL NETWORKED LIGHTING CONTROL SYSTEM. REFER TO DETAIL 13/1A-E8.003 FOR MORE INFORMATION.
K6	PROVIDE DUPLEX RECEPTACLE MOUNTED IN BASE OF LIGHT POLE LOCATED BEHIND IN-USE COVER. ROUTE CIRCUIT THROUGH LIGHTING CONTROL RELAY FOR RELAY CONTROL OF FIXTURE AT POLE BASE. COORDINATE WITH MANUFACTURER FOR EXACT ORIENTATION OF DEVICE IN RELATION TO SITE ORIENTATION AND POLE HAND HOLE.
K7	PROVIDE WP/GFCI DUPLEX RECEPTACLE WITH IN-USE COVER LOCATED AT BASE OF TREE MOUNTED TO UNISTRUT FOR HOLIDAY TREE LIGHTING CONNECTION. PROVIDE (1) DUPLEX PER (2) TREES. ROUTE CIRCUIT THROUGH LIGHTING CONTROL RELAY FOR RELAY CONTROL OF FIXTURE AT DEVICE. COORDINATE WITH LANDSCAPE DESIGNER AND ARCHITECT FOR EXACT ORIENTATION & LOCATION OF DEVICE.

KEY PLAN



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Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.06.18	Bulletin No. 1 - Promenade Transformer
2021.07.23	BP3: PROMENADE - BULLETIN 06
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature

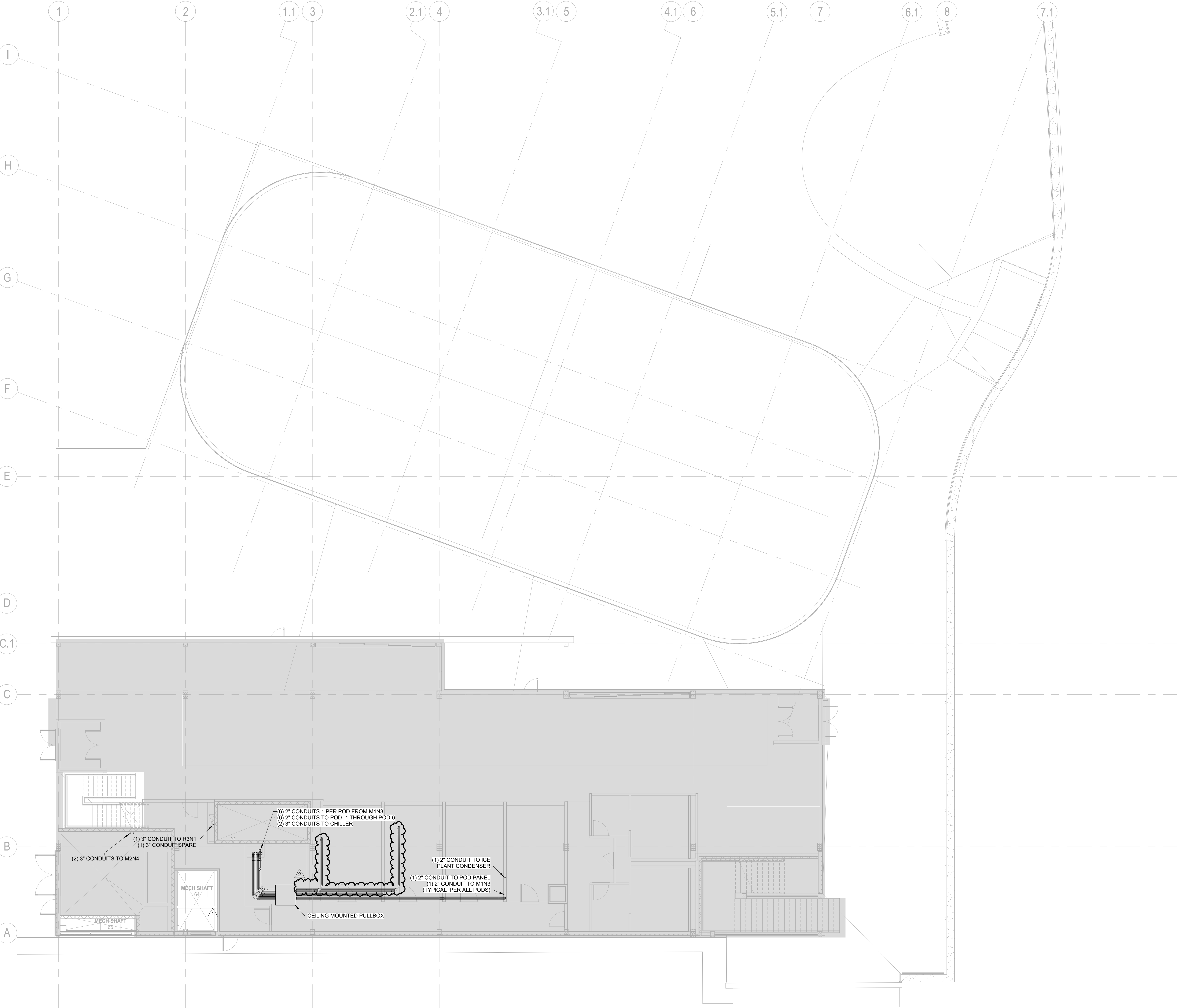
Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - ELECTRICAL SITE PLAN

Scale
1" = 10'-0"

1A-E1.000



GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.

2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.

3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.

4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.

5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.

6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.

7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.

KEYNOTES



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△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.07.30	BP3:PROMENADE - BULLETIN 07
2	2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature



Project Name

SSRC | BASE AREA IMPROVEMENTS

Project Number

003.7835.000

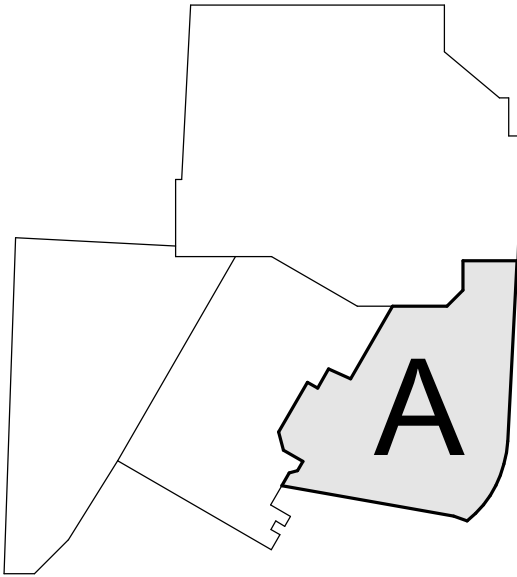
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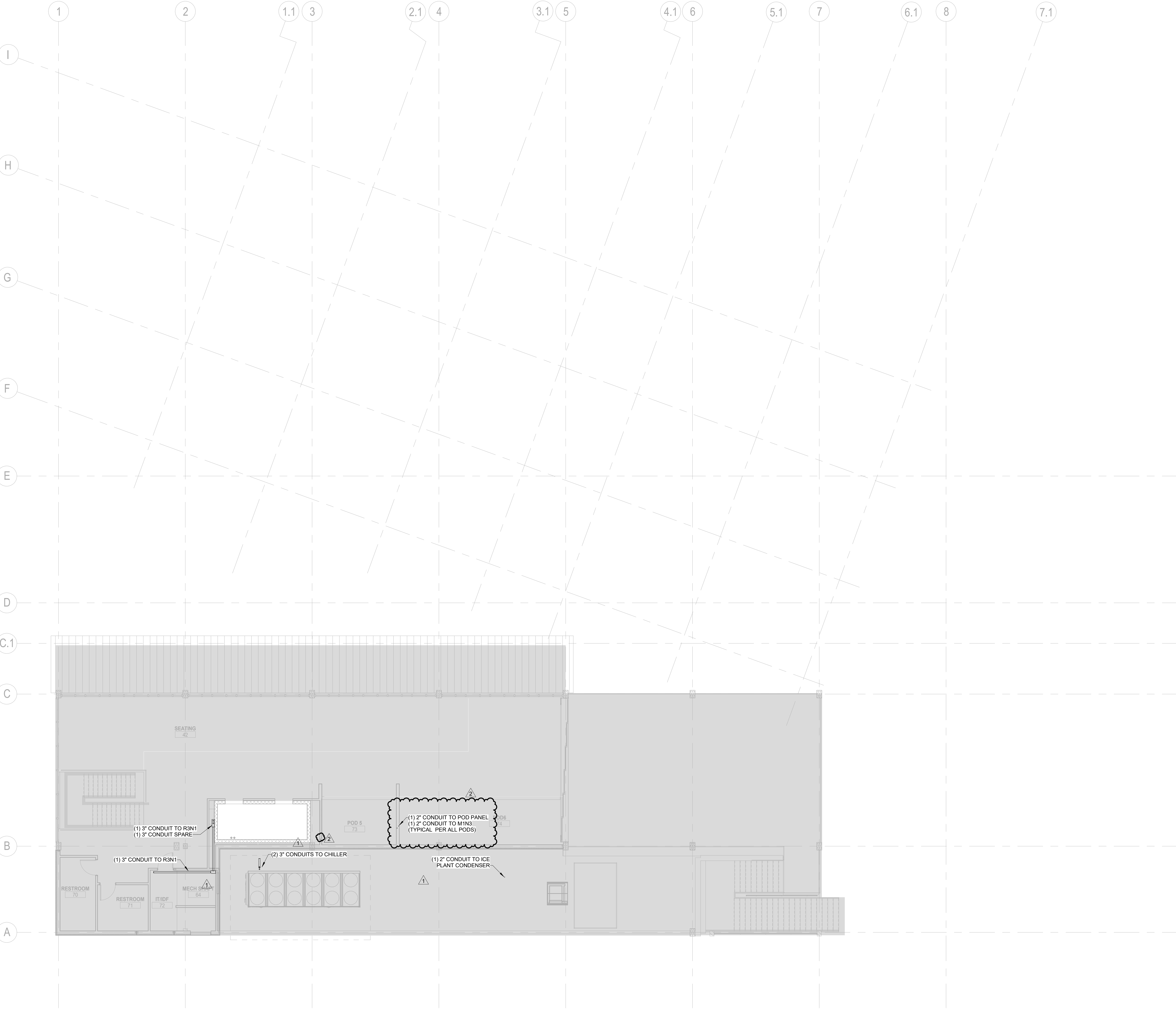
PROMENADE - ELECTRICAL CONDUIT PLAN - LEVEL 01

Scale

1/8" = 1'-0"

KEY PLAN





GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.

2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.

3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.

4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.

5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.

6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.

7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.

KEYNOTES



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-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.07.30	BP3:PROMENADE - BULLETIN 07
2	2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature



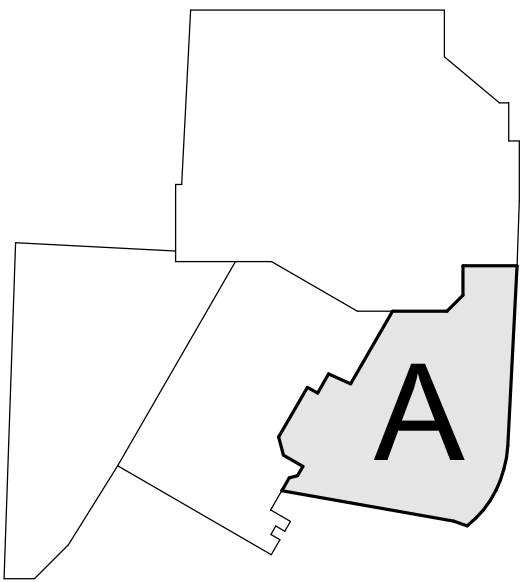
Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

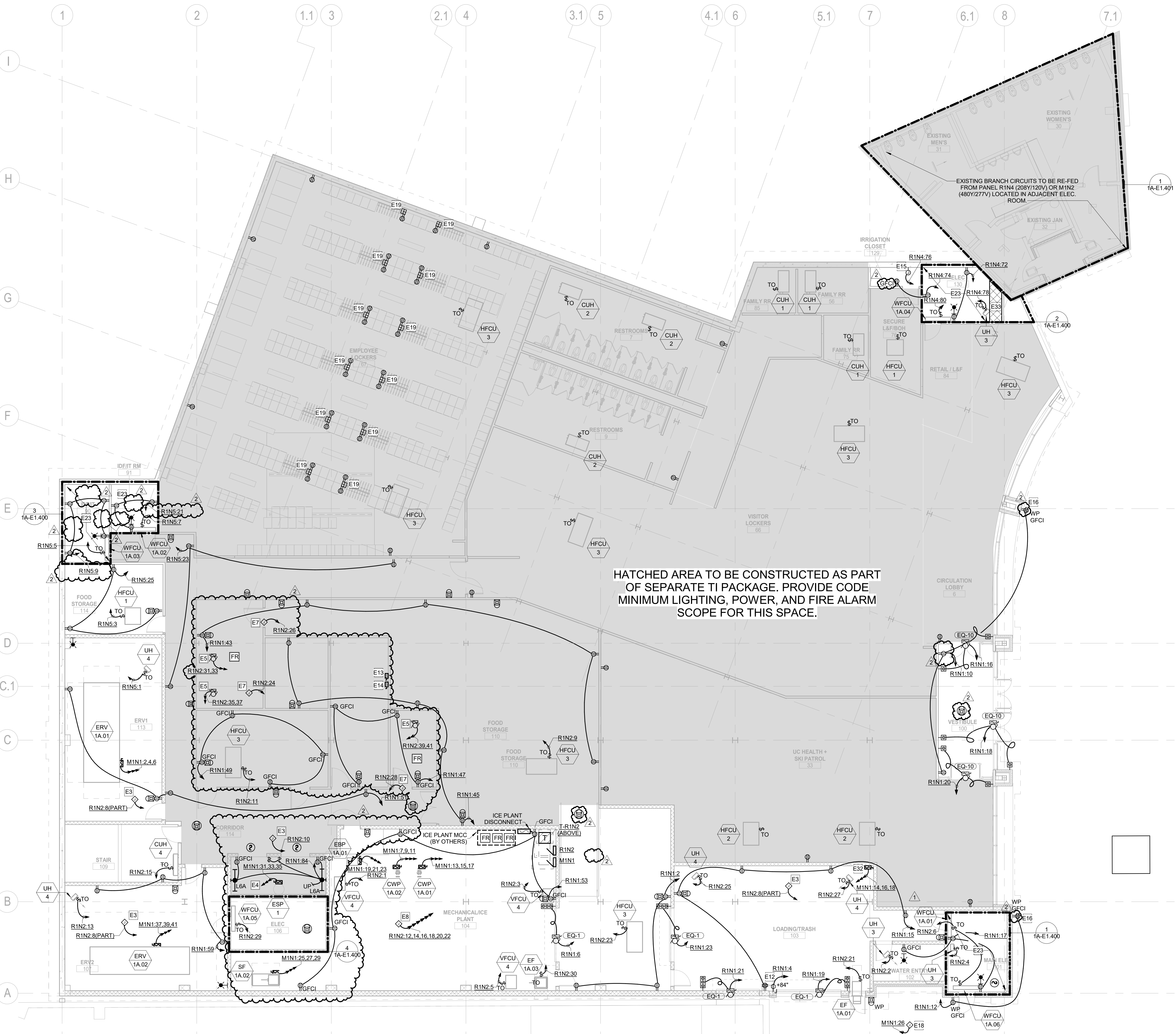
Description
PROMENADE - ELECTRICAL CONDUIT PLAN - LEVEL 02

Scale
1/8" = 1'-0"

KEY PLAN



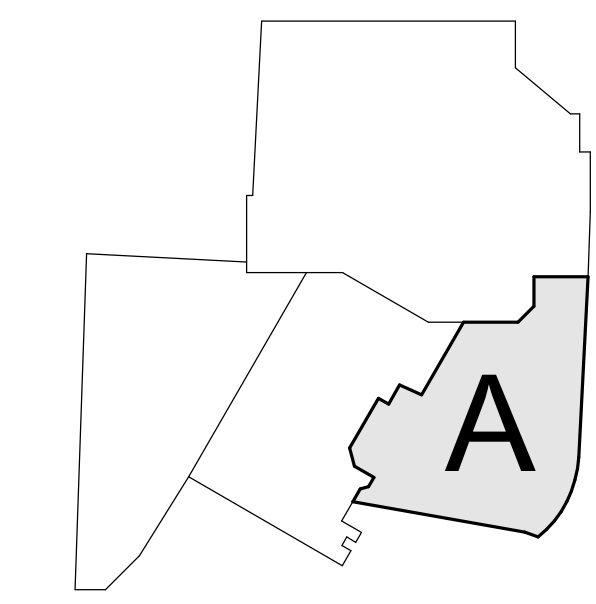
KEYNOTES	GENERAL NOTES:
E19 PROVIDE POWER POLE SERVED FROM ABOVE FOR BOOT DRYER RECEPTACLES. PROVIDE OUTLET ON EACH SIDE OF POWER POLE FOR BOOT DRYER CONNECTION.	1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
E23 THERE SHALL BE NO OVERHEAD DUCT WORK, DRAINS, OR FOREIGN OBJECTS AS DEFINED BY THE NEC IN THIS SPACE.	2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.
E32 PROVIDE 480V/3P ELECTRICAL CONNECTION FOR UNDERFLOOR DRAINAGE SYSTEM SUMP PUMP. COORDINATE EXACT CONNECTION LOCATION WITH UNDERFLOOR DRAINAGE SYSTEM CONTRACTOR. VERIFY EXACT LOCATION OF CONTROLLER PRIOR TO INSTALL AND PROVIDE CONTROL WIRING BETWEEN CONTROL PANEL AND SYSTEM PUMP AS REQUIRED.	3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.
E33 ELECTRICAL CONTRACTOR AND MECHANICAL CONTRACTOR TO COORDINATE FINAL MECHANICAL SYSTEMS ROUTING WITHIN THE HATCHED AREA AS INDICATE PER PLAN. TRANSFORMERS ARE THE ONLY ACCEPTABLE EQUIPMENT TYPE THAT CAN BE LOCATED BELOW FOREIGN (NON-ELECTRICAL) SYSTEMS.	4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.
	5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
	6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
	7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.



HATCHED AREA TO BE CONSTRUCTED AS PART OF SEPARATE TI PACKAGE. PROVIDE CODE MINIMUM LIGHTING, POWER, AND FIRE ALARM SCOPE FOR THIS SPACE.

KEYNOTES
E3 PROVIDE 120V/1P ELECTRICAL CONNECTION FOR MISCELLANEOUS MECHANICAL CONTROLS.
E4 PROVIDE 120V CONNECTION FOR ELEVATOR SHAFT LIGHTING AND GFCI RECEPTACLES AT ELEVATOR PIT. RECEPTACLES SHALL NOT BE SWITCHED AND THE LIGHTING SHALL NOT BE INSTALLED ON THE LOAD SIDE OF THE GFCI DEVICE. PIT LIGHTS AND RECEPTACLES SHALL BE COORDINATED WITH ELEVATOR MANUFACTURER AND SHOP DRAWINGS FOR LOCATION WITHIN THE SHAFT.
E5 PROVIDE ELECTRICAL CONNECTION FOR WALK-IN COOLER EVAPORATOR COIL UNIT. COORDINATE EXACT LOCATION AND QUANTITY WITH WALK-IN COOLER MANUFACTURER.
E7 PROVIDE 120V/1P ELECTRICAL CONNECTION FOR WALK-IN COOLER SYSTEM TERMINATED AT DOOR. PREWIRING TO BE PROVIDED INTEGRAL TO WALK-IN UNIT FOR THIS CONNECTION TO POWER ALL ALARMS, LIGHTS, SENSORS, VALVES, ETC. COORDINATE WITH WALK-IN UNIT MANUFACTURER SHOP DRAWINGS FOR EXACT CONNECTION REQUIREMENTS.
E8 PROVIDE (6) DEDICATED 120V/1P ELECTRICAL CONNECTIONS FOR ICE PLANT CONTROLS. COORDINATE EXACT POINT OF TERMINATION WITH ICE PLANT INSTALLER AND MANUFACTURER SHOP DRAWINGS.
E12 PROVIDE NEMA LS-20R FOR CONNECTION TO DOKSTAR LED LOADING DOCK LIGHT 'DOK-18-L-U-5K-FL-C6720P-IRS-PC-DSD L40 (OR APPROVED EQUAL). DOCK LIGHT TO BE PROVIDED BY THIS CONTRACTOR.
E13 PROVIDE 480V/3P ELECTRICAL CONNECTION FOR WARE WASHER EQUIPMENT. REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE EXACT CONNECTION LOCATION AND REQUIREMENTS WITH FOOD SERVICE INSTALLER.
E14 PROVIDE 480V/3P ELECTRICAL CONNECTION FOR WARE WASHER BOOSTER HEATER. REFER TO FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE EXACT CONNECTION LOCATION AND REQUIREMENTS WITH FOOD SERVICE INSTALLER.
E15 PROVIDE DEDICATED 120V/1P ELECTRICAL CONNECTION FOR SITE IRRIGATION SYSTEM. REFER TO LANDSCAPE DRAWINGS FOR EXACT CONNECTION REQUIREMENTS AND LOCATION.
E16 PROVIDE STAINLESS STEEL RECESSED LOCKABLE ENCLOSURE FOR FACADE RECEPTACLE. REFER TO DETAIL 6/1A-E8-002 FOR MORE INFORMATION.
E18 PROVIDE 277V/1P CONNECTION FOR PIPING HEAT TRACE. PROVIDE GFPE TYPE BREAKER AT PANEL. REFER TO PLUMBING/MECHANICAL DRAWINGS FOR EXACT LENGTH AND HEAT TRACE ROUTING.

KEY PLAN



Seal / Signature



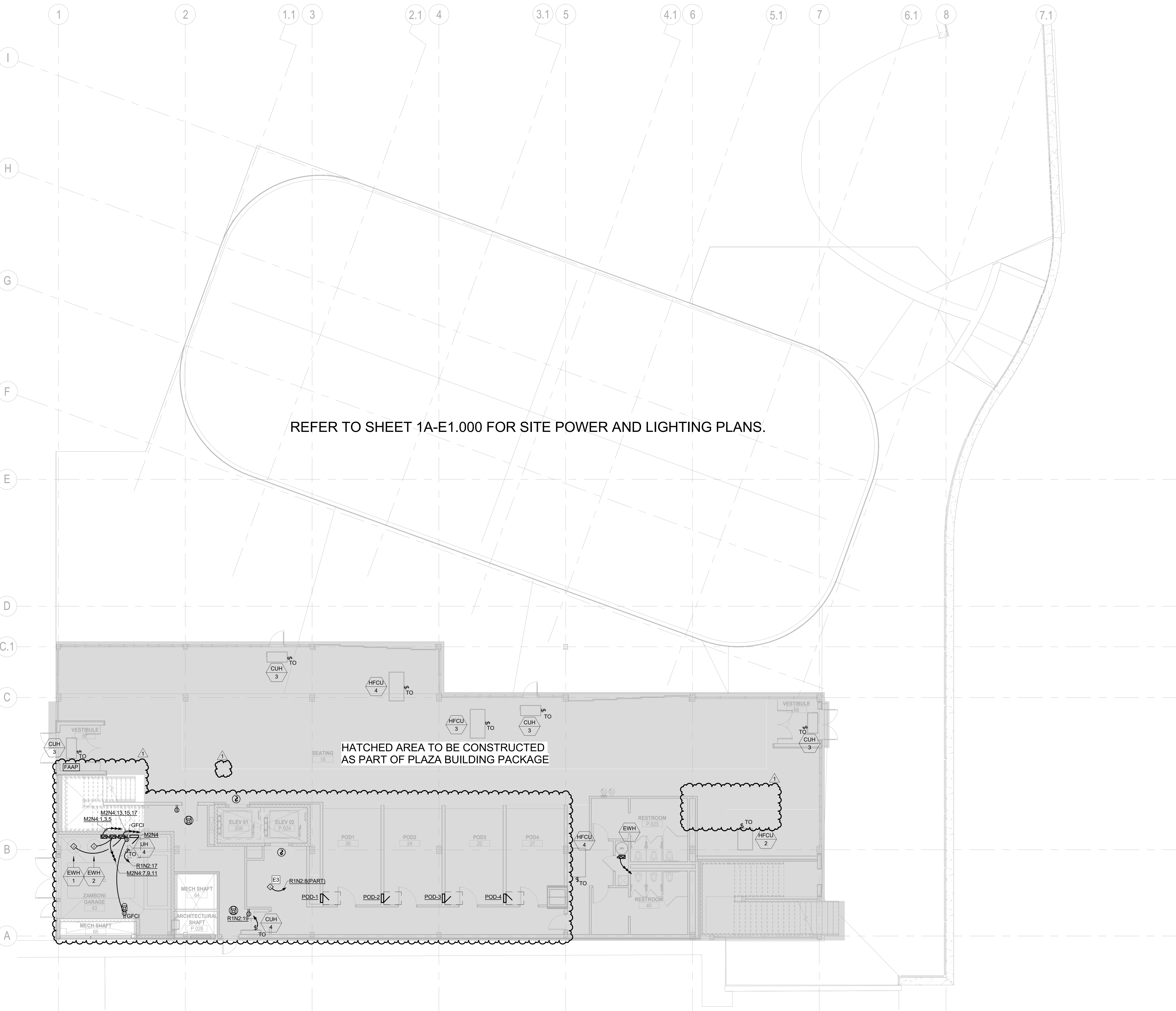
Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - ELECTRICAL PLAN - LEVEL 00

Scale
1/8" = 1'-0"

1A-E1.200



GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
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3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.
4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.
5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.

KEYNOTES

- E3 PROVIDE 120V/1P ELECTRICAL CONNECTION FOR MISCELLANEOUS MECHANICAL CONTROLS.



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Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature



Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

Description

PROMENADE - ELECTRICAL PLAN -
LEVEL 01

Scale

1/8" = 1'-0"

1A-E1.201

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GENERAL NOTES:

1. REFER TO SHEET 1A-E0.002 FOR LIGHT FIXTURE SCHEDULE.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
3. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.
4. PROVIDE DIMMABLE DRIVERS WHERE REQUIRED PER LIGHTING CONTROL.
5. SEE ELECTRICAL NARRATIVE FOR ADDITIONAL INFORMATION REGARDING OVERALL LIGHTING EQUIPMENT ONLY COSTS. SF COST ALLOWANCES SHOWN ARE ESTIMATES OF ALLOCATIONS ONLY, AND WILL BE VALIDATED DURING FUTURE DESIGN PHASES.
6. FIELD VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION FOR COVES AND LINEAR RUNS. PROVIDE CONTINUOUS ILLUMINATION WITH NO MORE THAN A 6" GAP BETWEEN THE END OF THE EDGE OF THE WALL / CEILING AND THE FIXTURE.
7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.
8. ALL EXIT LIGHTS OF ALL TYPES SHALL BE MOUNTED AT 8'-0" AFF UNLESS OTHERWISE NOTED. PROVIDE EXIT SIGNS IN ALL PATH OF EGRESS. THERE SHOULD NOT BE MORE THAN 80' SPACING BETWEEN EXIT SIGNS.
9. A MINIMUM OF 30 FOOTCANDLES SHALL BE PROVIDED FOR ALL UNDEFINED SPACES.
10. FIXTURES WITHIN THE FIRE COMMAND CENTER, ELECTRICAL TELECOMMUNICATION, MECHANICAL AND FIRE PUMP ROOMS SHALL HAVE EMERGENCY POWER BACKUP FROM AN INVERTOR.
12. PROVIDE FIXTURES ON EMERGENCY POWER TO ACHIEVE 1FC AVERAGE AND 0.1 FC MINIMUM IN ALL EGRESS PATHS.
14. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.

KEYNOTES

Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3: PROMENADE - BULLETIN 08
E11	PROVIDE LIGHTING INVERTER 10TA (HS-504) OR APPROVED EQUAL FOR BRANCH CIRCUIT EMERGENCY LIGHTING. INVERTER SHALL BE MOUNTED IN ACCESSIBLE LOCATION EITHER ABOVE ACCESSIBLE CEILING OR IN ADJACENT BACK OF HOUSE SPACE HIGH ON WALL. REFER TO 101A-E0.003 FOR EXACT WIRING CONFIGURATION WITH LIGHTING CONTROL AND INVERTER SYSTEM.
K3	PROVIDE SINGLE ZONE DISTRIBUTED ROOM CONTROLLER FOR LIGHTING CONTROL WITHIN THIS SPACE. ROOM CONTROLLER SHALL HAVE ON/OFF RELAY CONTROL AND DIMMING FUNCTIONALITY. ROOM CONTROLLER SHALL BE MOUNTED INSIDE BUILDING OR WITHIN NEMA 3R ENCLOSURE ON SITE. REFER TO LIGHT FIXTURE SCHEDULE FOR EXACT DIMMING TECHNOLOGY BEING USED ON A PER LIGHT FIXTURE BASIS. PROVIDE NETWORK CONNECTION FOR THIS ROOM CONTROLLER TO THE OVERALL NETWORKED LIGHTING CONTROL SYSTEM. REFER TO DETAIL 131A-E0.003 FOR MORE INFORMATION.
K4	PROVIDE SINGLE ZONE DISTRIBUTED ROOM CONTROLLER FOR LIGHTING CONTROL WITHIN THIS SPACE. ROOM CONTROLLER SHALL HAVE ON/OFF RELAY CONTROL ONLY. ROOM CONTROLLER SHALL BE MOUNTED INSIDE BUILDING OR WITHIN NEMA 3R ENCLOSURE ON SITE. REFER TO LIGHT FIXTURE SCHEDULE FOR EXACT CONNECTION REQUIREMENTS PER LIGHT FIXTURE TYPE. PROVIDE NETWORK CONNECTION FOR THIS ROOM CONTROLLER TO THE OVERALL NETWORKED LIGHTING CONTROL SYSTEM.
K5	PROVIDE BUILDING MASTER LIGHTING CONTROL TOUCHSCREEN FOR ENTIRE CONTROL OF ALL BUILDING LIGHTING.

Seal / Signature



Project Name

SSRC | BASE AREA IMPROVEMENTS

Project Number

003.7835.000

Description

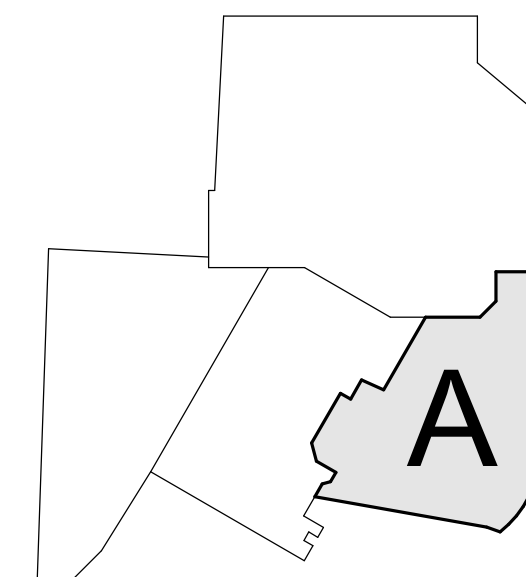
PROMENADE - LIGHTING PLAN - LEVEL 00

Scale

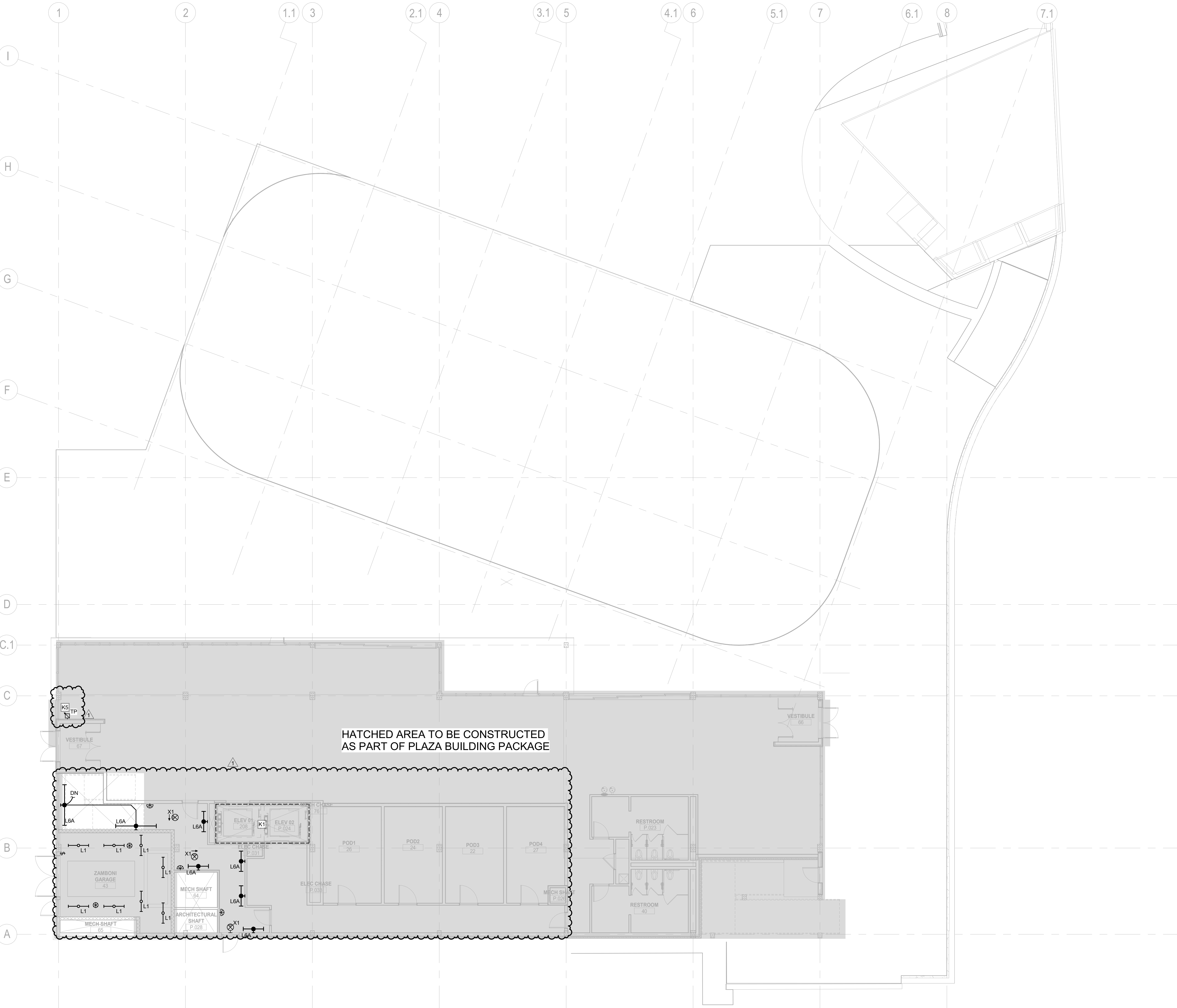
1/8" = 1'-0"

1A-E1.300

KEY PLAN



HATCHED AREA TO BE CONSTRUCTED AS PART OF SEPARATE TI PACKAGE. PROVIDE CODE MINIMUM LIGHTING, POWER, AND FIRE ALARM SCOPE FOR THIS SPACE.



GENERAL NOTES:

1. REFER TO SHEET 1A-E0.002 FOR LIGHT FIXTURE SCHEDULE.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.
3. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.
4. PROVIDE DIMMABLE DRIVERS WHERE REQUIRED PER LIGHTING CONTROL.
5. SEE ELECTRICAL NARRATIVE FOR ADDITIONAL INFORMATION REGARDING OVERALL LIGHTING EQUIPMENT ONLY. COSTS, SF COST ALLOWANCES SHOWN ARE ESTIMATES OF ALLOCATIONS ONLY, AND WILL BE VALIDATED DURING FUTURE DESIGN PHASES.
6. FIELD VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION FOR COVES AND LINEAR RUNS. PROVIDE CONTINUOUS ILLUMINATION WITH NO MORE THAN A 6" GAP BETWEEN THE END OF THE EDGE OF THE WALL / CEILING AND THE FIXTURE.
7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.
8. ALL EXIT LIGHTS OF ALL TYPES SHALL BE MOUNTED AT 8'-0" AFF UNLESS OTHERWISE NOTED. PROVIDE EXIT SIGNS IN ALL PATH OF EGRESS. THERE SHOULD NOT BE MORE THAN 80' SPACING BETWEEN EXIT SIGNS.
9. A MINIMUM OF 30 FOOTCANDLES SHALL BE PROVIDED FOR ALL UNDEFINED SPACES.
10. FIXTURES WITHIN THE FIRE COMMAND CENTER, ELECTRICAL, MECHANICAL AND FIRE PUMP ROOMS SHALL HAVE EMERGENCY POWER BACKUP FROM AN INVERTOR.
12. PROVIDE FIXTURES ON EMERGENCY POWER TO ACHIEVE 1FC AVERAGE AND 0.1 FC MINIMUM IN ALL EGRESS PATHS.
14. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.

KEYNOTES	
K5	PROVIDE BUILDING MASTER LIGHTING CONTROL TOUCHSCREEN FOR ENTIRE CONTROL OF ALL BUILDING LIGHTING.

Steamboat.

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Seal / Signature



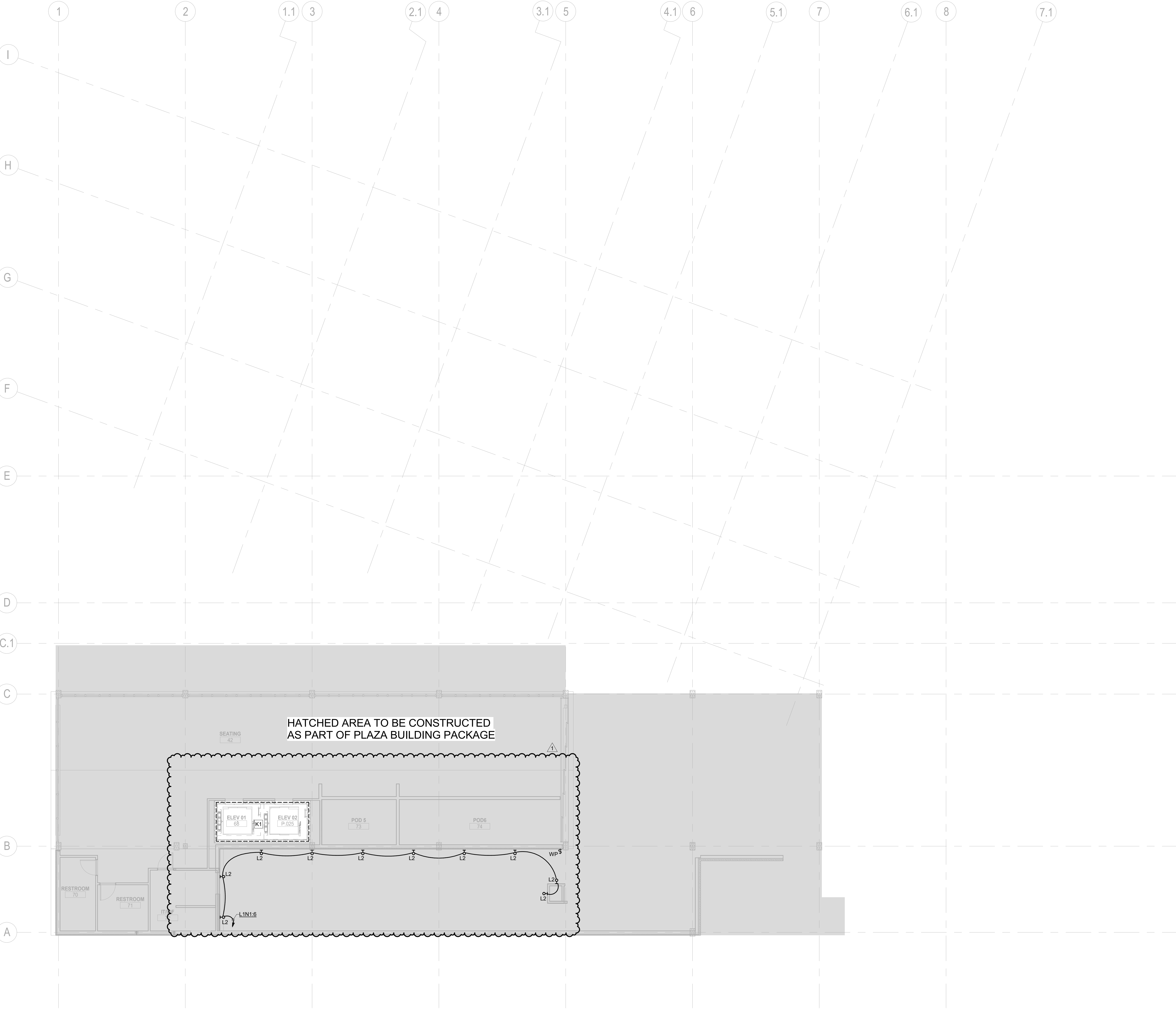
Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - LIGHTING PLAN - LEVEL 01

Scale
1/8" = 1'-0"

1A-E1.301



GENERAL NOTES:

1. REFER TO SHEET 1A-E0.002 FOR LIGHT FIXTURE SCHEDULE.

2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ALL FIXTURE LOCATIONS WITHIN A CEILING OR CEILING GRID. FOR AREAS WITHOUT CEILINGS, FIXTURE LOCATIONS ARE DIAGRAMMATIC. THE INTENT IS TO ALIGN, CENTER, OR SPACE FIXTURES BETWEEN ARCHITECTURAL AND STRUCTURAL ELEMENTS.

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4. PROVIDE DIMMABLE DRIVERS WHERE REQUIRED PER LIGHTING CONTROL.

5. SEE ELECTRICAL NARRATIVE FOR ADDITIONAL INFORMATION REGARDING OVERALL LIGHTING EQUIPMENT ONLY COSTS. SF COST ALLOWANCES SHOWN ARE ESTIMATES OF ALLOCATIONS ONLY, AND WILL BE VALIDATED DURING FUTURE DESIGN PHASES.

6. FIELD VERIFY EXACT FIXTURE LENGTHS FOR CONTINUOUS ILLUMINATION FOR COVES AND LINEAR RUNS. PROVIDE CONTINUOUS ILLUMINATION WITH NO MORE THAN A 6" GAP BETWEEN THE END OF THE EDGE OF THE WALL / CEILING AND THE FIXTURE.

7. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR FOR PLACEMENT OF FIXTURES WITHIN MECHANICAL ROOMS.

8. ALL EXIT LIGHTS OF ALL TYPES SHALL BE MOUNTED AT 8'-0" AFF UNLESS OTHERWISE NOTED. PROVIDE EXIT SIGNS IN ALL PATH OF EGRESS. THERE SHOULD NOT BE MORE THAN 80' SPACING BETWEEN EXIT SIGNS.

9. A MINIMUM OF 30 FOOTCANDLES SHALL BE PROVIDED FOR ALL UNDEFINED SPACES.

10. FIXTURES WITHIN THE FIRE COMMAND CENTER, ELECTRICAL, MECHANICAL AND FIRE PUMP ROOMS SHALL HAVE EMERGENCY POWER BACKUP FROM AN INVERTOR.

12. PROVIDE FIXTURES ON EMERGENCY POWER TO ACHIEVE 1FC AVERAGE AND 0.1 FC MINIMUM IN ALL EGRESS PATHS.

14. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.

KEYNOTES

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△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature

Project Name

SSRC | BASE AREA IMPROVEMENTS

Project Number

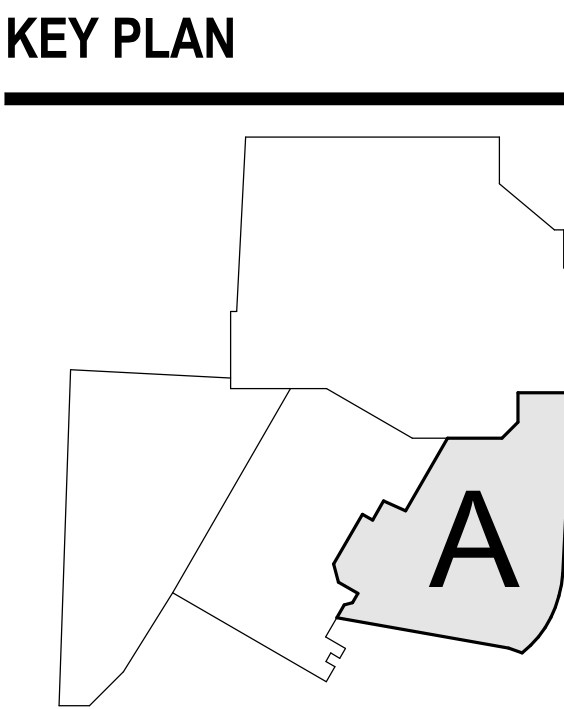
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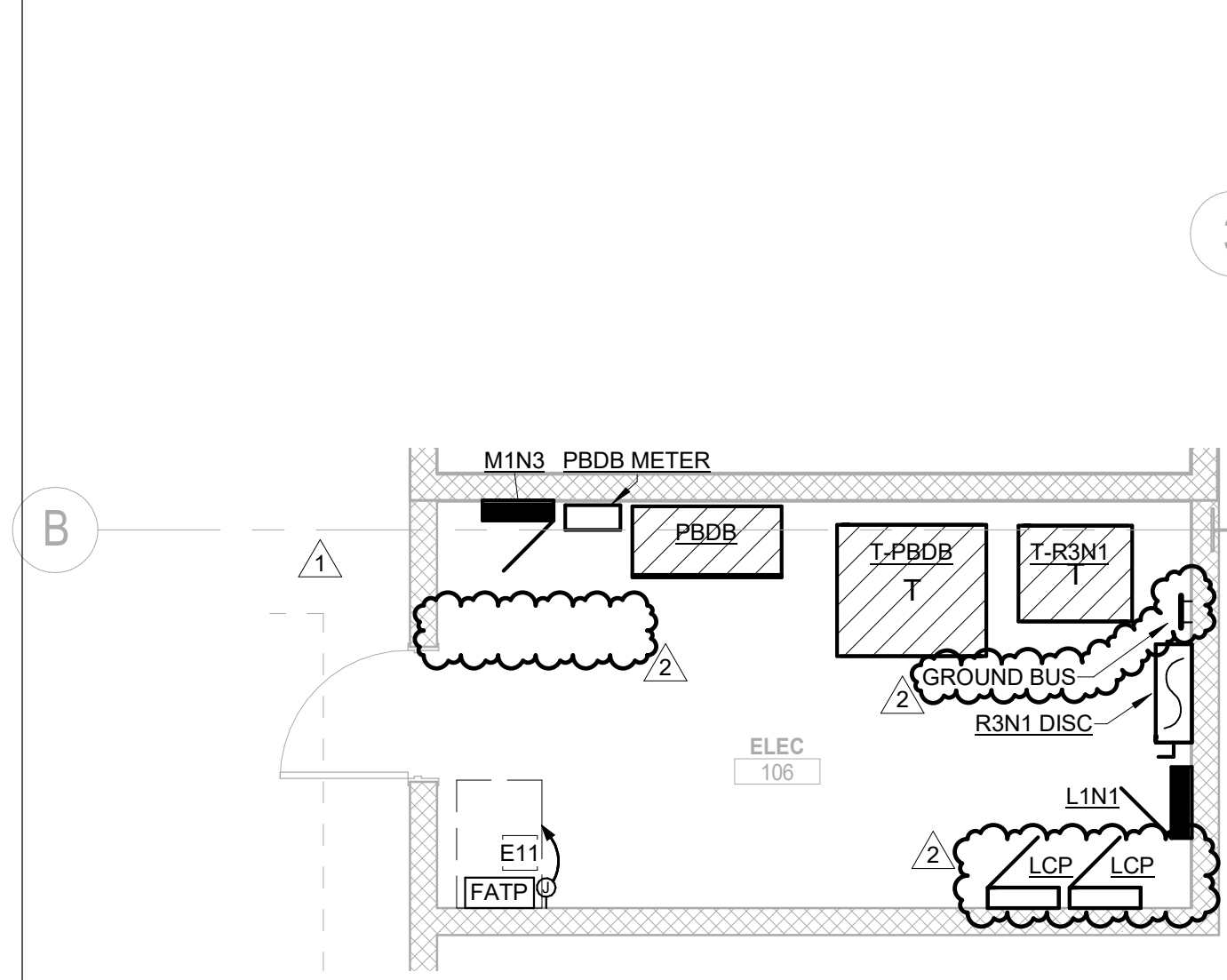
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PROMENADE - LIGHTING PLAN - LEVEL 02

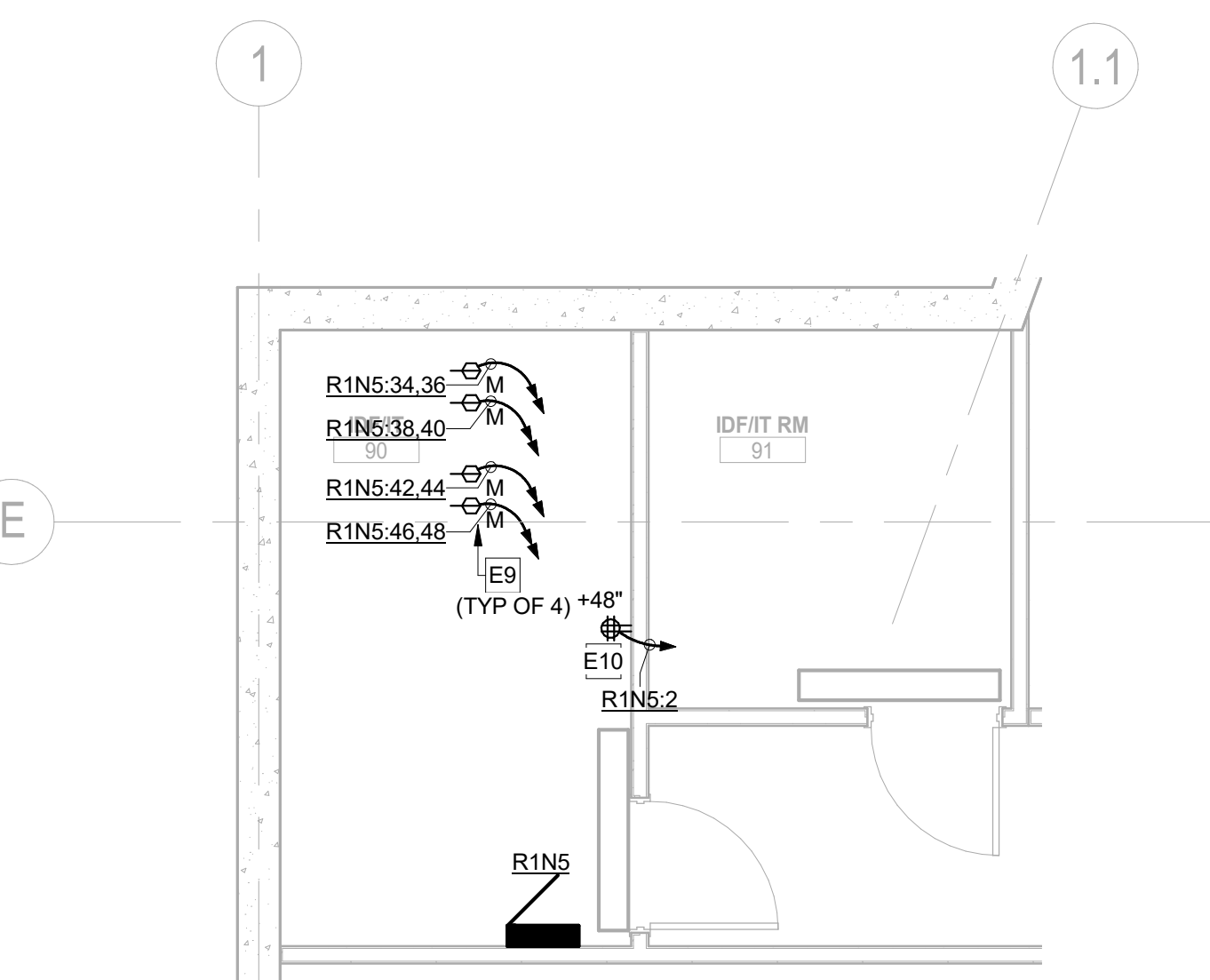
Scale

1/8" = 1'-0"

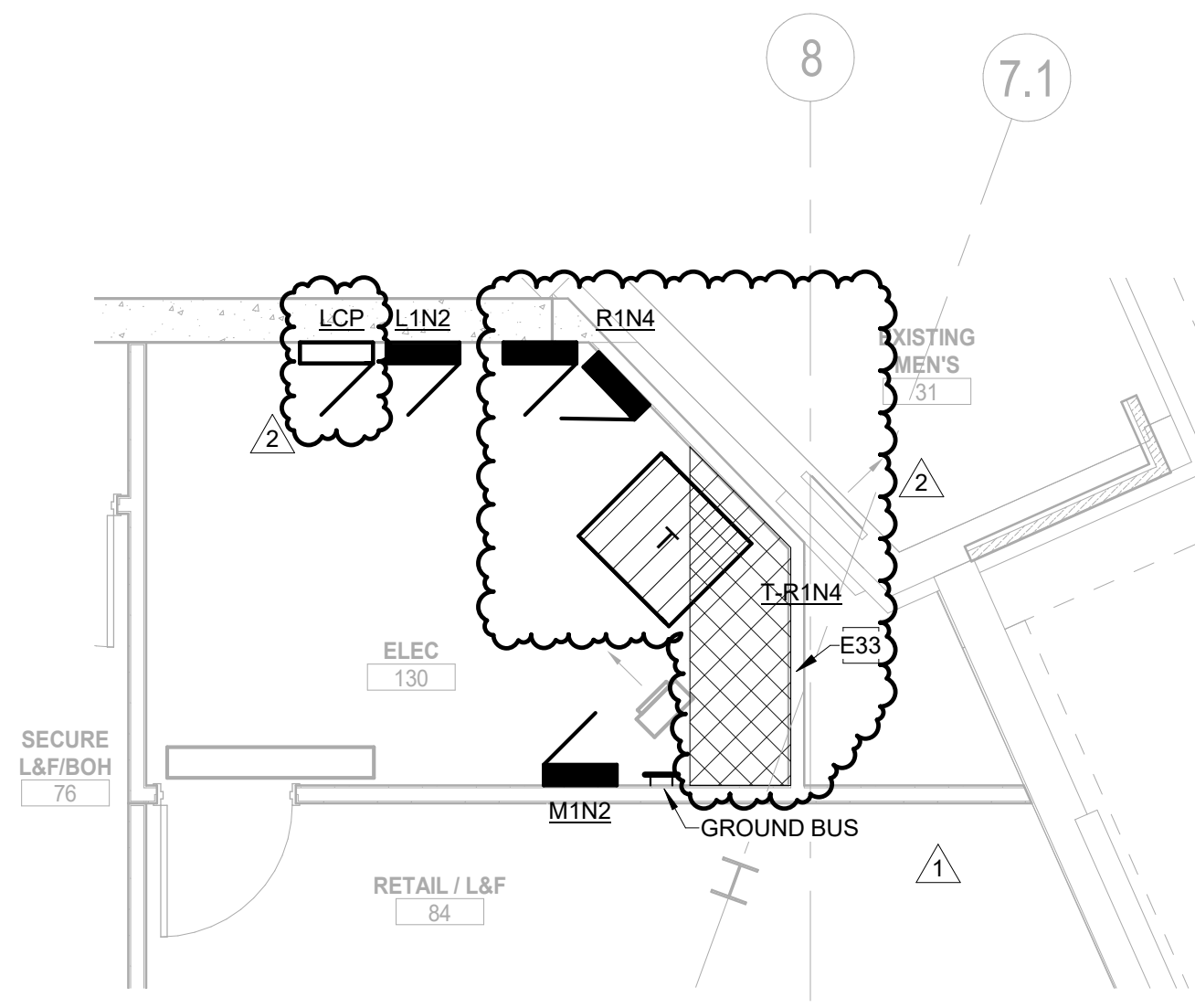




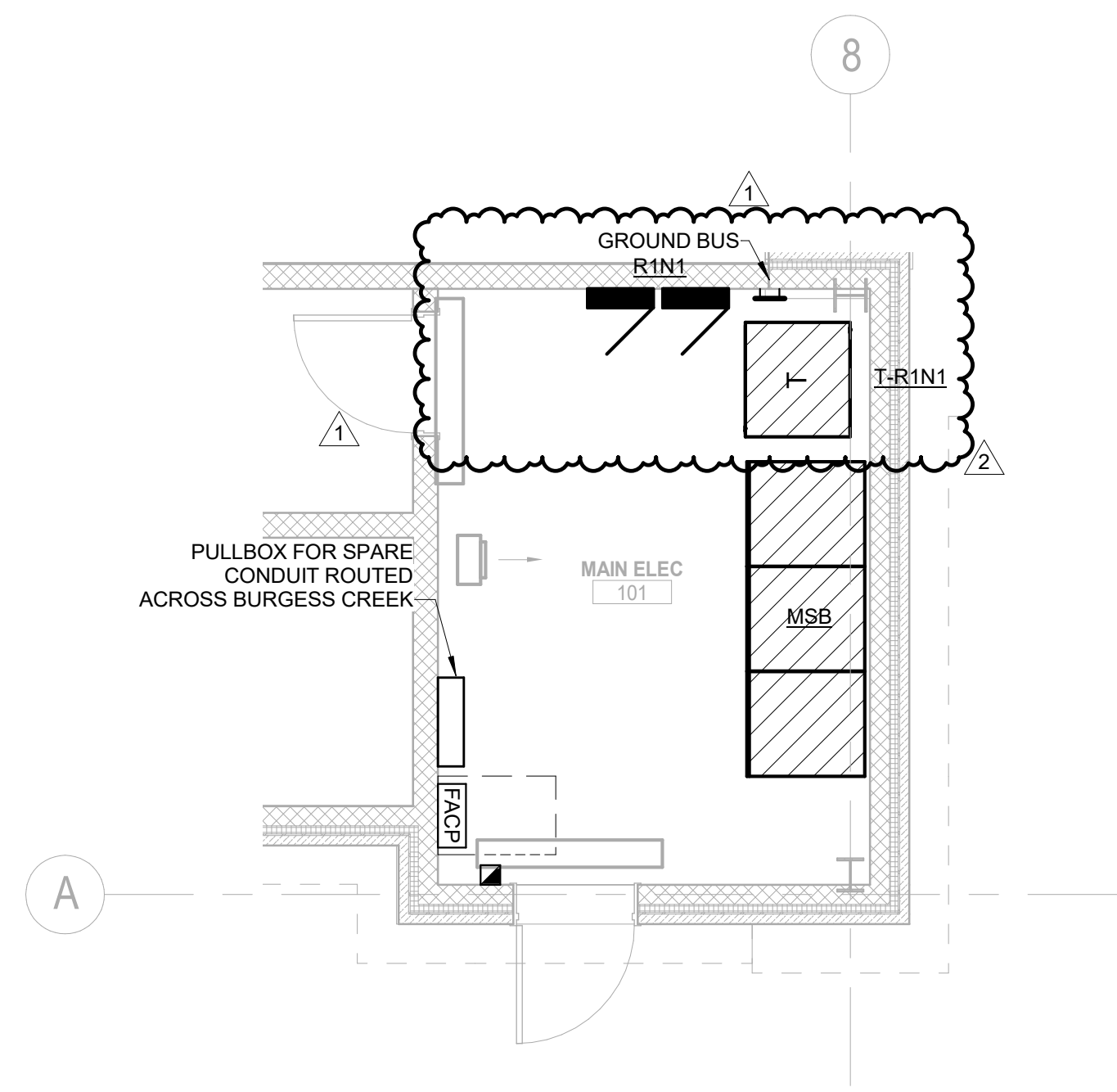
4 ENLARGED LOWER LEVEL ELECTRICAL ROOM
SCALE: 1/4" = 1'-0"



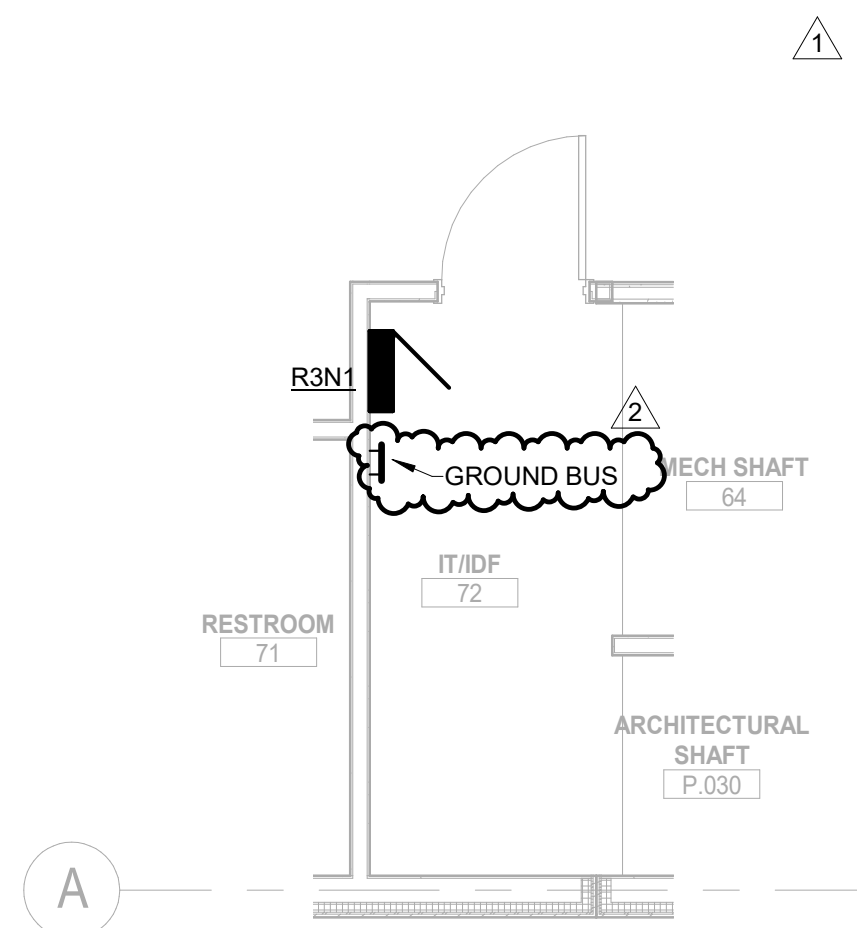
3 ENLARGED IDF ROOM 90 & 91
SCALE: 1/4" = 1'-0"



2 ENLARGED ELECTRICAL ROOM 64
SCALE: 1/4" = 1'-0"



1 ENLARGED MAIN ELECTRICAL ROOM 45
SCALE: 1/4" = 1'-0"



5 ENLARGED IT/IDF ROOM 72
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.
3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.
4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.
5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.

KEYNOTES

- | | |
|-----|---|
| E9 | PROVIDE LB-30R DEVICE AT THE TOP OF THE RACK LOCATED ON THE BACK SIDE. REFER TO TECHNOLOGY DRAWINGS FOR EXACT RACK QUANTITIES AND LOCATIONS WITHIN IT ROOM. |
| E10 | PROVIDE QUAD DEVICE MOUNTED BEHIND ACCESS CONTROL PANEL. REFER TO TECHNOLOGY DRAWINGS FOR EXACT LOCATION OF DEVICE WITHIN PANEL. |
| E11 | PROVIDE LIGHTING INVERTER (OTA IIS-550-1" OR APPROVED EQUAL FOR BRANCH CIRCUIT EMERGENCY LIGHTING. INVERTER SHALL BE MOUNTED IN ACCESSIBLE LOCATION EITHER ABOVE ACCESSIBLE CEILING OR IN ADJACENT BACK OF HOUSE SPACE HIGH ON WALL. REFER TO 10/11A-E8.003 FOR EXACT WIRING CONFIGURATION WITH LIGHTING CONTROL AND INVERTER SYSTEM. |
| E33 | ELECTRICAL CONTRACTOR AND MECHANICAL CONTRACTOR TO COORDINATE FINAL MECHANICAL SYSTEMS ROUTING WITHIN THE HATCHED AREA AS INDICATE PER PLAN. TRANSFORMERS ARE THE ONLY ACCEPTABLE EQUIPMENT TYPE THAT CAN BE LOCATED BELOW FOREIGN (NON-ELECTRICAL) SYSTEMS. |

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Seal / Signature

Project Name

SSRC | BASE AREA IMPROVEMENTS

Project Number

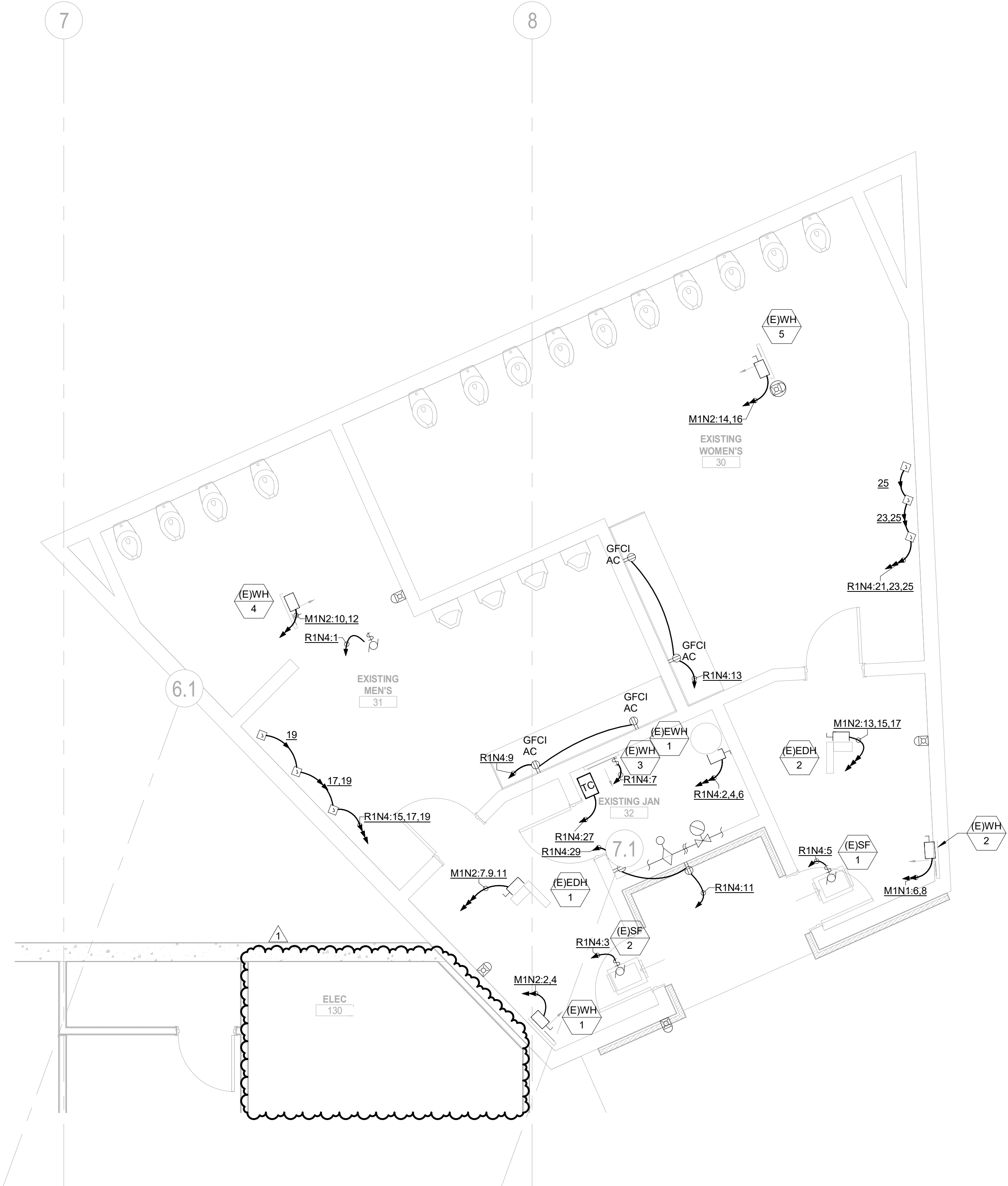
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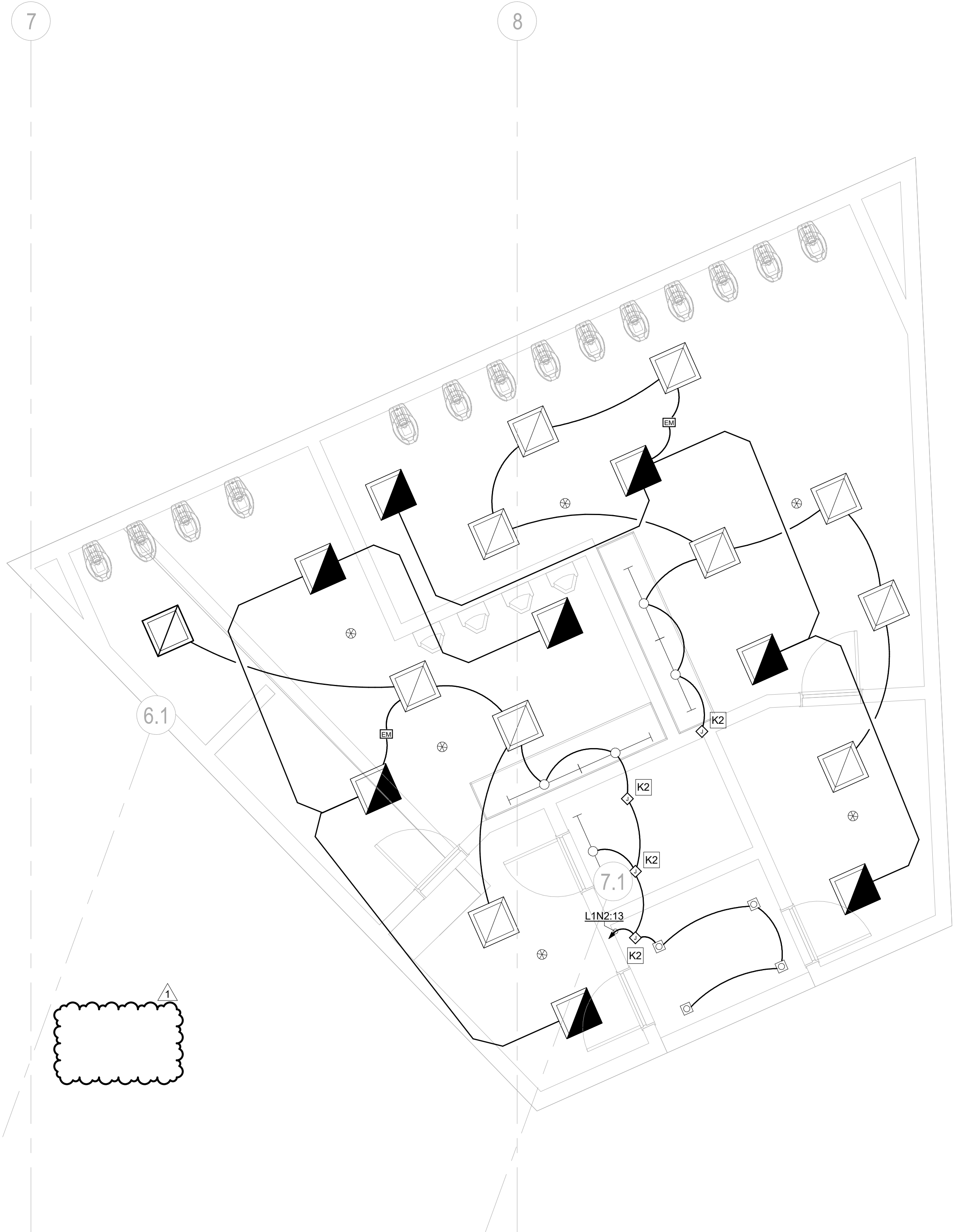
PROMENADE - ENLARGED ELECTRICAL AND IDF ROOMS

Scale

1/4" = 1'-0"



1 ENLARGED STAGE BUILDING LOWER LEVEL 01 - ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED STAGE BUILDING LOWER LEVEL 01 - LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION AND INSTALLED IN A NEAT AND CONSISTENT MANNER. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT. ALL SURFACE MOUNTED CONDUIT WHERE EXPOSED TO PUBLIC AREAS SHALL BE PAINTED. PAINT COLOR TO BE DETERMINED BY THE ARCHITECT. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INDICATING ALL PROPOSED EXPOSED CONDUIT ROUTING.
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4. THIS CONTRACTOR SHALL REFER TO "MEP" SERIES DRAWINGS FOR ALL MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS.
5. CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
6. ALL 277V LIGHTING CIRCUITS TERMINATING AT LIGHTING CONTROL PANELS SHALL HAVE A MINIMUM LENGTH OF 20 FEET BETWEEN LIGHTING CONTROL PANEL AND BRANCH LIGHTING PANEL.
7. REPLACE ALL FIRE ALARM DEVICES IN KIND IN STAGE BUILDING RESTROOM TO ENSURE THE DEVICES INTEGRATE WITH PROMENADE FIRE ALARM SYSTEM.

KEYNOTES

- K2 PROVIDE SINGLE ZONE DISTRIBUTED ROOM CONTROLLER FOR LIGHTING CONTROL WITHIN THIS SPACE. ROOM CONTROLLER SHALL HAVE ON/OFF RELAY CONTROL AND DIMMING FUNCTIONALITY. REFER TO LIGHT FIXTURE SCHEDULE FOR EXACT DIMMING TECHNOLOGY BEING USED ON A PER LIGHT FIXTURE BASIS. PROVIDE NETWORK CONNECTION FOR THIS ROOM CONTROLLER TO THE OVERALL NETWORKED LIGHTING CONTROL SYSTEM.



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2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
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Seal / Signature



Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

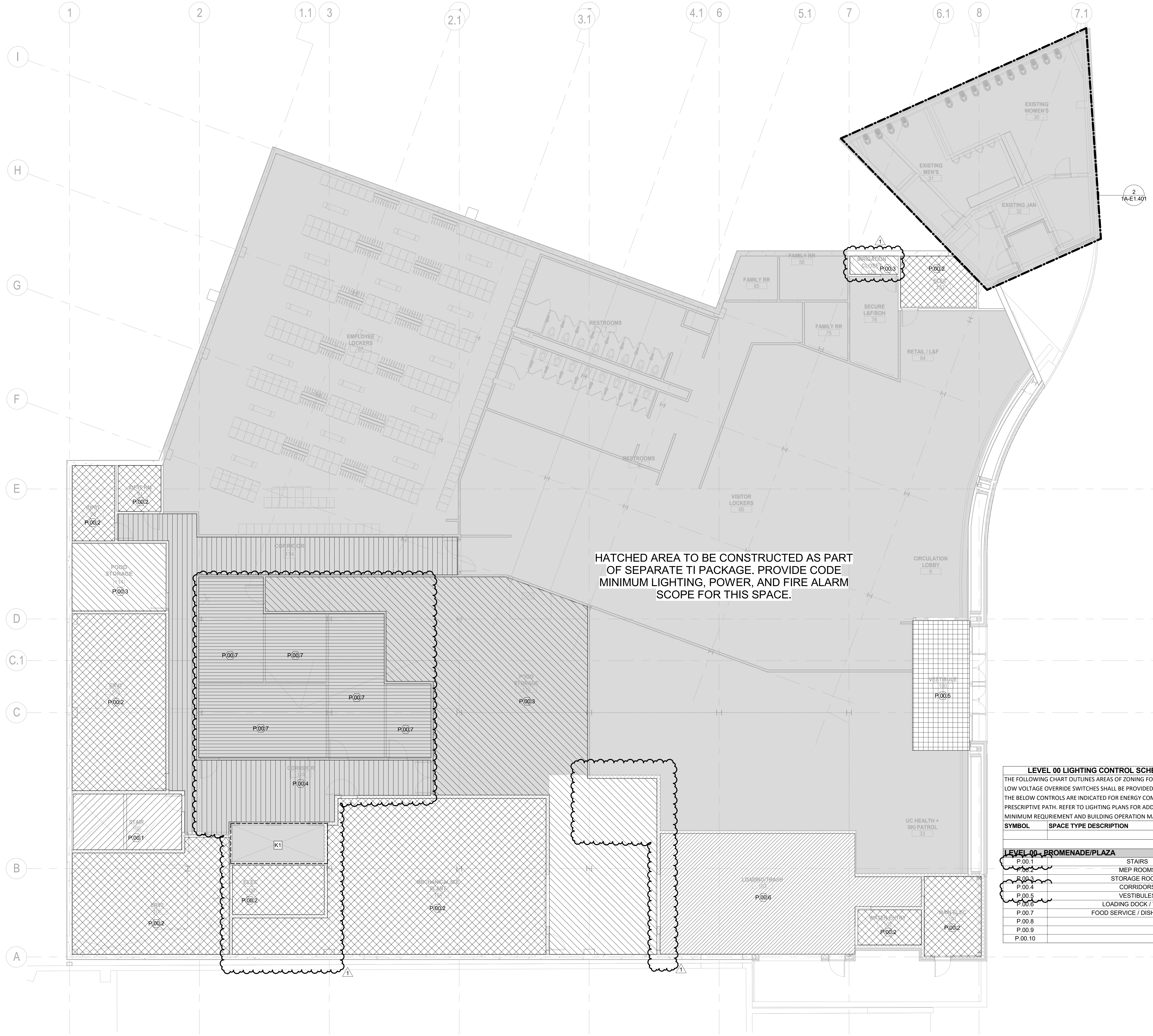
Description

PROMENADE - ENLARGED STAGE
BUILDING LOWER LEVEL

Scale

1/4" = 1'-0"

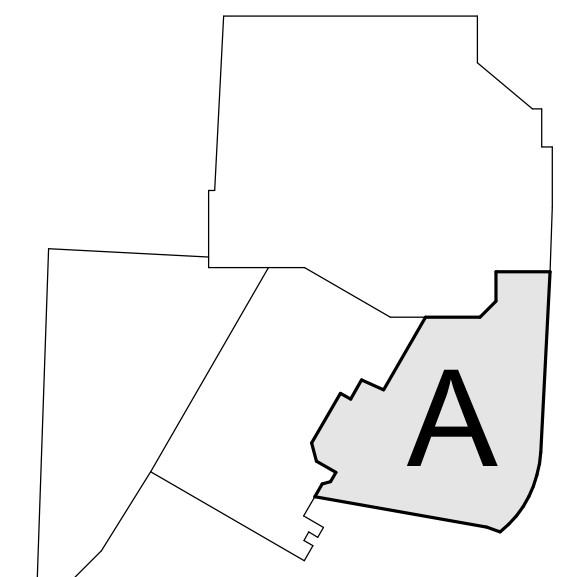
1A-E1.401



HATCHED AREA TO BE CONSTRUCTED AS PART OF SEPARATE TI PACKAGE. PROVIDE CODE MINIMUM LIGHTING, POWER, AND FIRE ALARM SCOPE FOR THIS SPACE.

LEVEL 00 LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING													
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.								SCENES					
SYMBOL	SPACE TYPE DESCRIPTION	CONTROL TYPE						MAINTENANCE	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01	USER DEFINED 02
		DL	DIM	OS	VS	TC	LS						
LEVEL 00 - PROMENADE/PLAZA													
P.00.1	STAIRS	-	-	-	-	X	-						
P.00.2	MEP ROOMS	-	-	-	-	-	X						
P.00.3	STORAGE ROOMS	-	-	-	X	-	X						
P.00.4	CORRIDORS	-	-	X	-	X	-						
P.00.5	VESTIBULES	X	-	X	-	X	-						
P.00.6	LOADING DOCK / TRASH	-	-	X	-	X	-						
P.00.7	FOOD SERVICE / DISHWASHING	-	-	-	X	-	X						
P.00.8		-	-	-	-	-	-						
P.00.9		-	-	-	-	-	-						
P.00.10		-	-	-	-	-	-						

KEY PLAN



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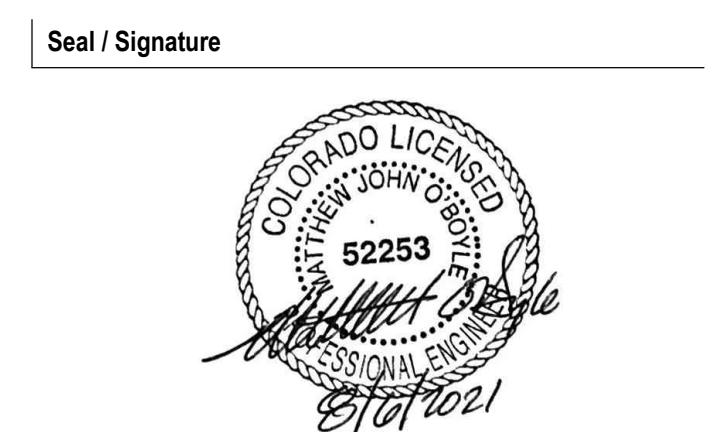
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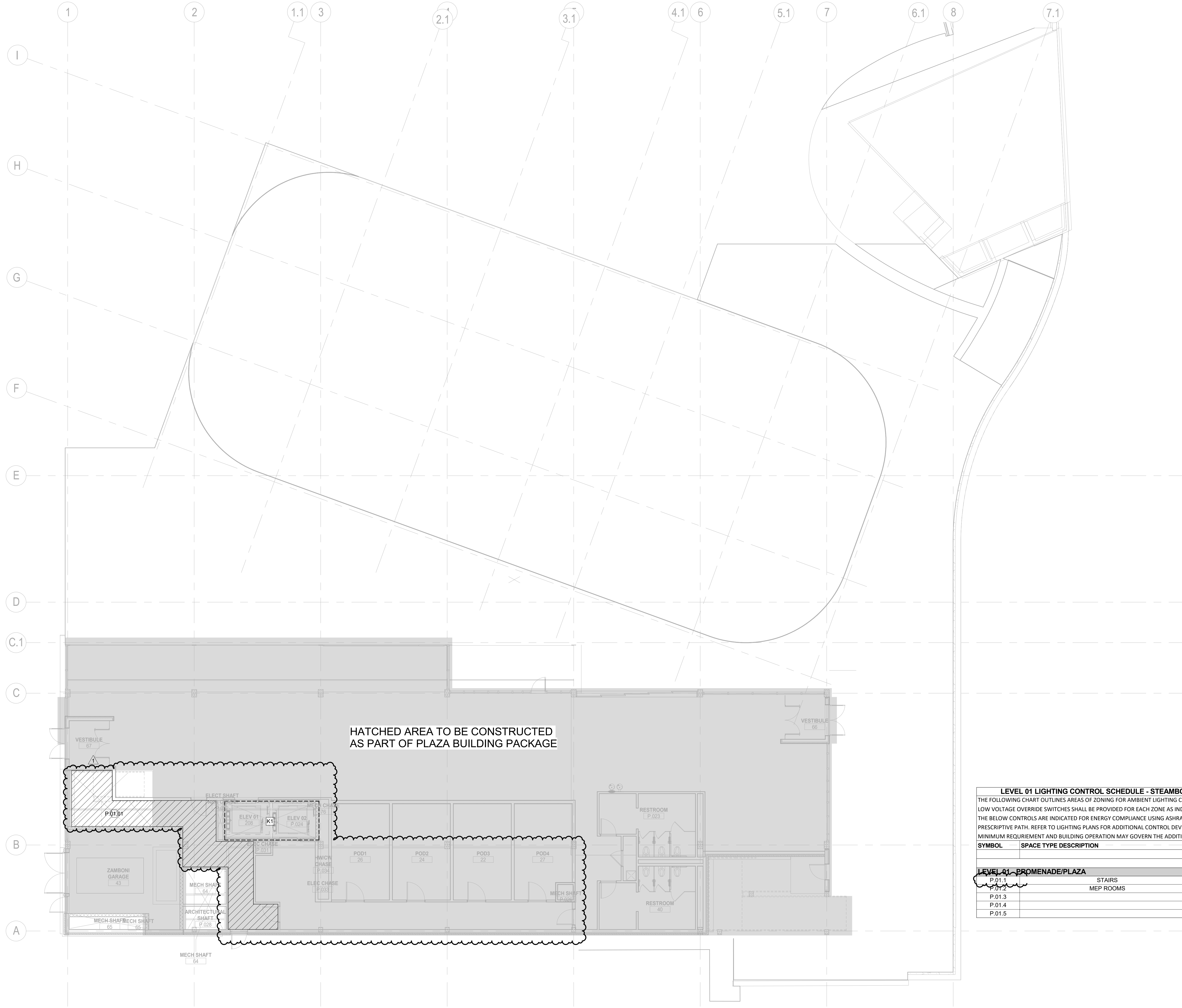


Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

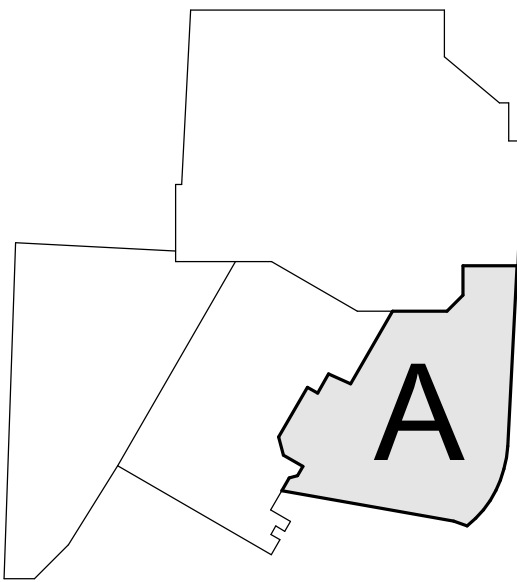
Description
PROMENADE - LIGHTING CONTROLS - LEVEL 00

Scale
1/8" = 1'-0"



LEVEL 01 LIGHTING CONTROL SCHEDULE - STEAMBOAT BASE AREA - PROMENADE AND PLAZA BUILDING													
THE FOLLOWING CHART OUTLINES AREAS OF ZONING FOR AMBIENT LIGHTING CONTROL SYSTEM. LOW VOLTAGE OVERRIDE SWITCHES SHALL BE PROVIDED FOR EACH ZONE AS INDICATED ON PLANS. THE BELOW CONTROLS ARE INDICATED FOR ENERGY COMPLIANCE USING ASHRAE 90.1 - 2016 AS THE PRESCRIPTIVE PATH. REFER TO LIGHTING PLANS FOR ADDITIONAL CONTROL DEVICES. THIS MATRIX OUTLINES MINIMUM REQUIREMENT AND BUILDING OPERATION MAY GOVERN THE ADDITION OF CONTROLS.								SCENES					
								MAINTENANCE	EVENT	WEEKDAY	WEEKEND	USER DEFINED 01	USER DEFINED 02
SYMBOL	SPACE TYPE DESCRIPTION		CONTROL TYPE										
			DL	DIM	OS	VS	TC	LS					
LEVEL 01 - PROMENADE/PLAZA													
P.01.1		STAIRS	-	-	-	-	X	-					
P.01.2		MEP ROOMS	-	-	-	-	-	X					
P.01.3			-	-	-	-	-	-					
P.01.4			-	-	-	-	-	-					
P.01.5			-	-	-	-	-	-					

KEY PLAN



Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature



Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

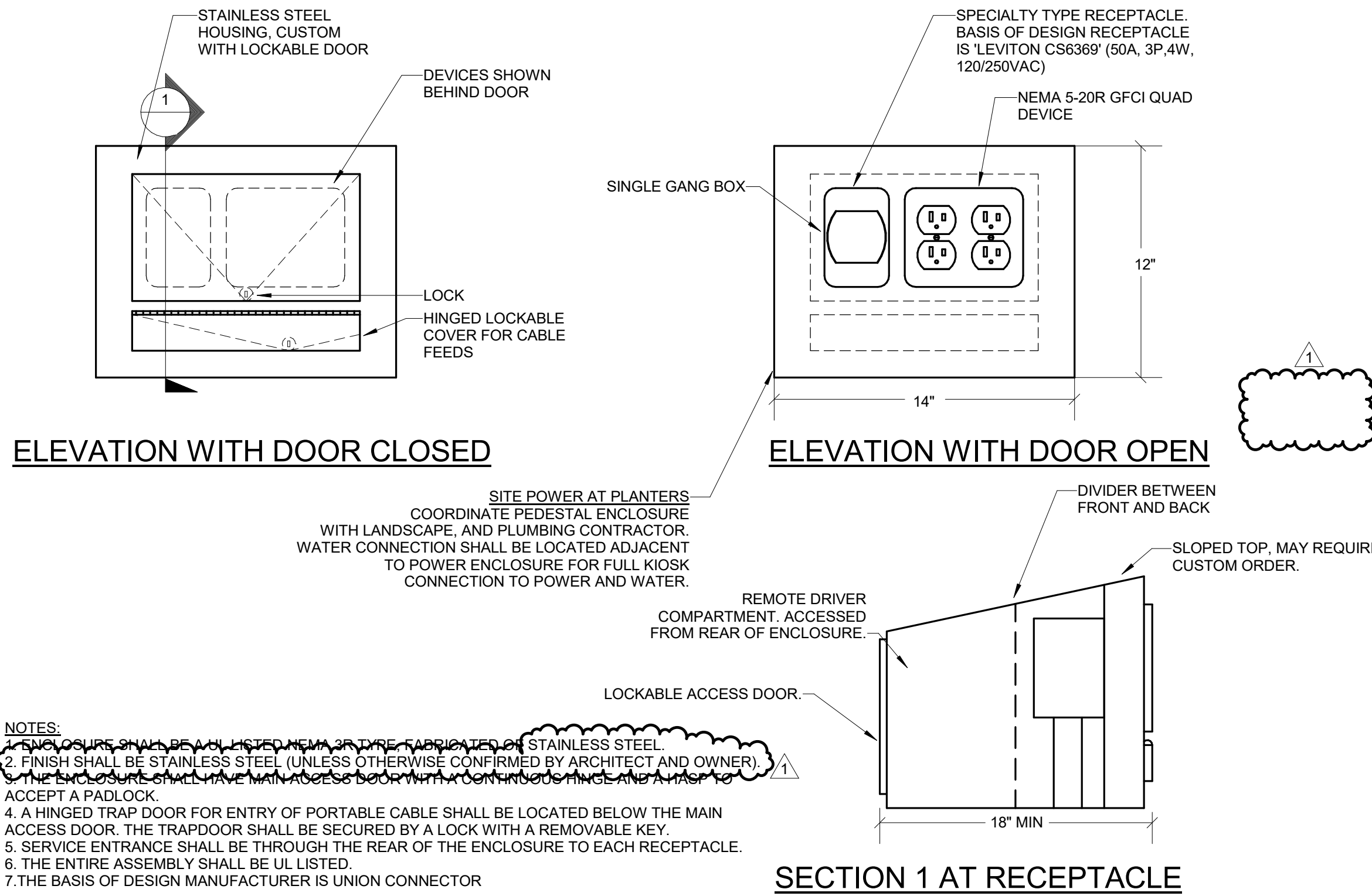
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Description

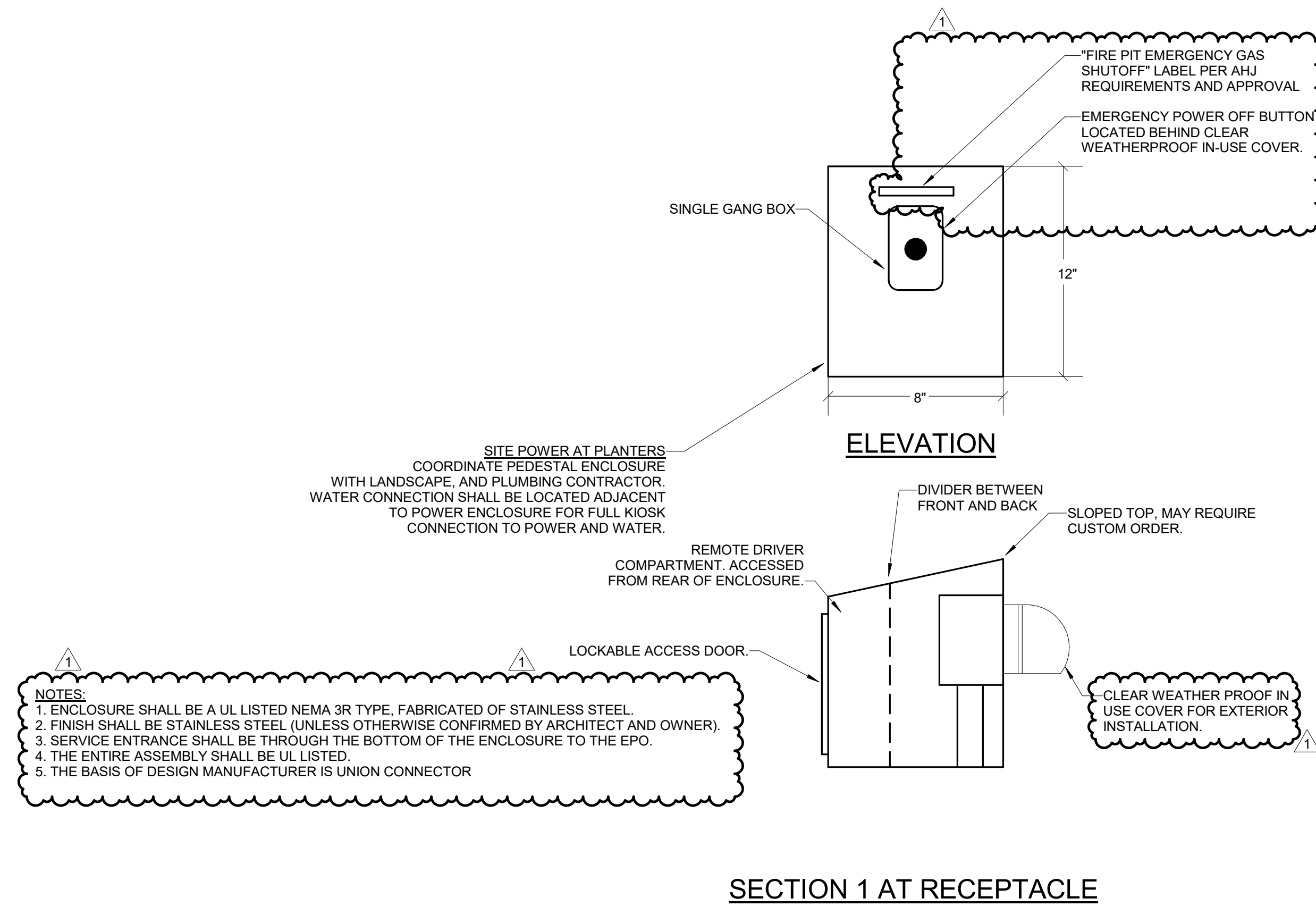
PROMENADE - LIGHTING CONTROLS
- LEVEL 01

Scale

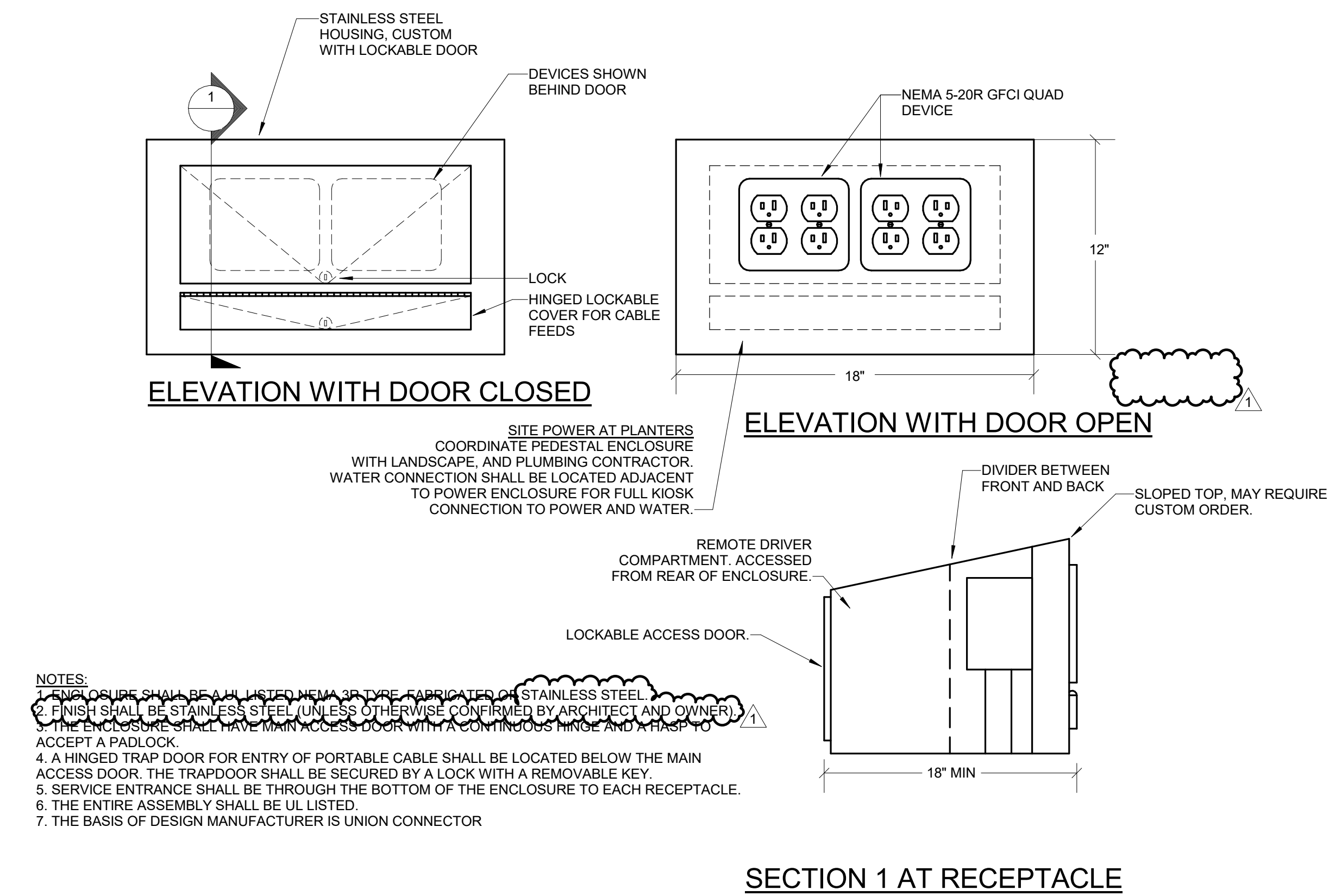
1/8" = 1'-0"



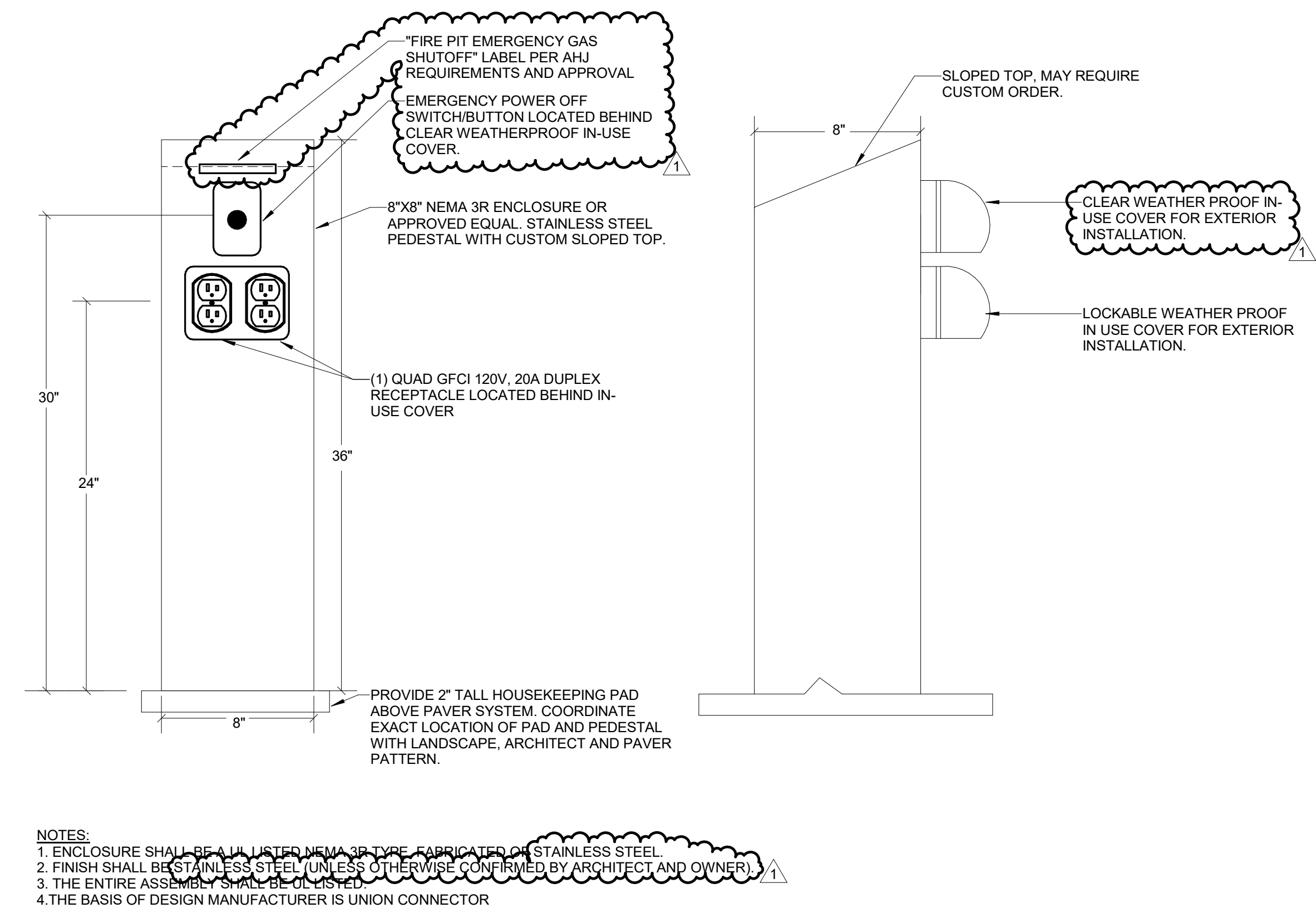
③ (DE) SITE POWER PEDESTAL - 12" QUAD, SC6369
NO SCALE



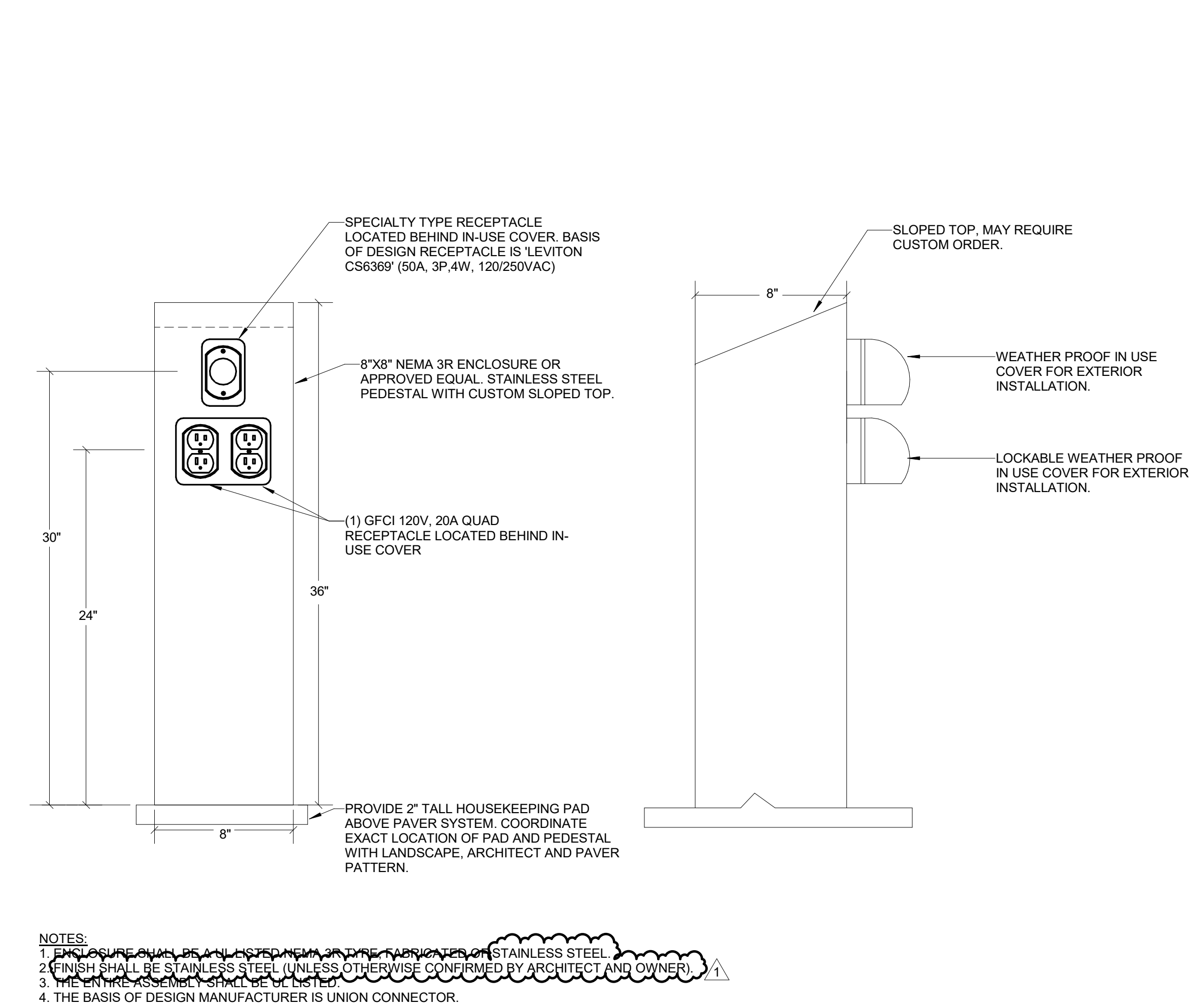
④ (DE) SITE POWER PEDESTAL - 12" EPO, FIREPLACE
NO SCALE



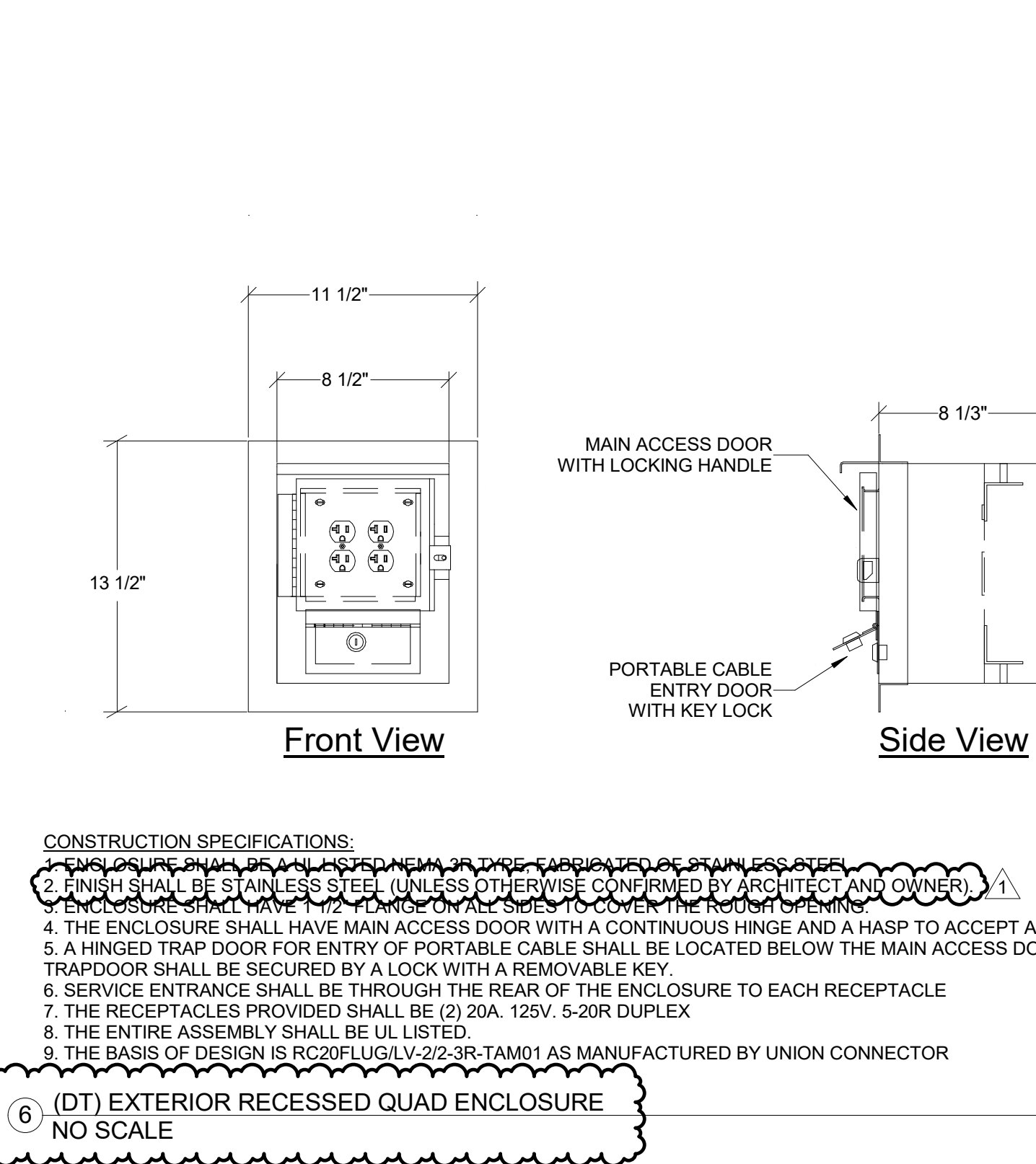
⑤ (DE) SITE POWER PEDESTAL - 12" (2) QUAD
NO SCALE



① (DE) SITE POWER PEDESTAL - 36" QUAD, EPO, FIREPLACE
NO SCALE



② (DE) SITE POWER PEDESTAL - 36" QUAD, SC6369
NO SCALE



⑥ (DT) EXTERIOR RECESSED QUAD ENCLOSURE
NO SCALE

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Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature



Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - ELECTRICAL DETAILS

Scale
NO SCALE

1A-E8.002



- GENERAL NOTES:**
1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE CONTRACTOR IS RESPONSIBLE FOR ALL OFFSETS, TRANSITIONS, ELBOWS, ETC. AS REQUIRED IN DUCTWORK, PIPING, SUPPORTS, ETC. TO COMPLETE THE WORK IN A CLEAN, FUNCTIONAL INSTALLATION THAT IS FULLY COORDINATED WITH ALL OTHER TRADES. ANY PRICING EFFORT SHALL TAKE THESE FACTORS INTO ACCOUNT.
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KEYNOTES

Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.06.29	BP3: PROMENADE - BULLETIN 02
2021.08.06	BP3: PROMENADE - BULLETIN 08

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8/6/2021

Project Name

SSRC | BASE AREA IMPROVEMENTS

Project Number

003.7835.000

Description

PROMENADE - MECHANICAL SITE PLAN

Scale

1" = 20'-0"

1A-M1.100

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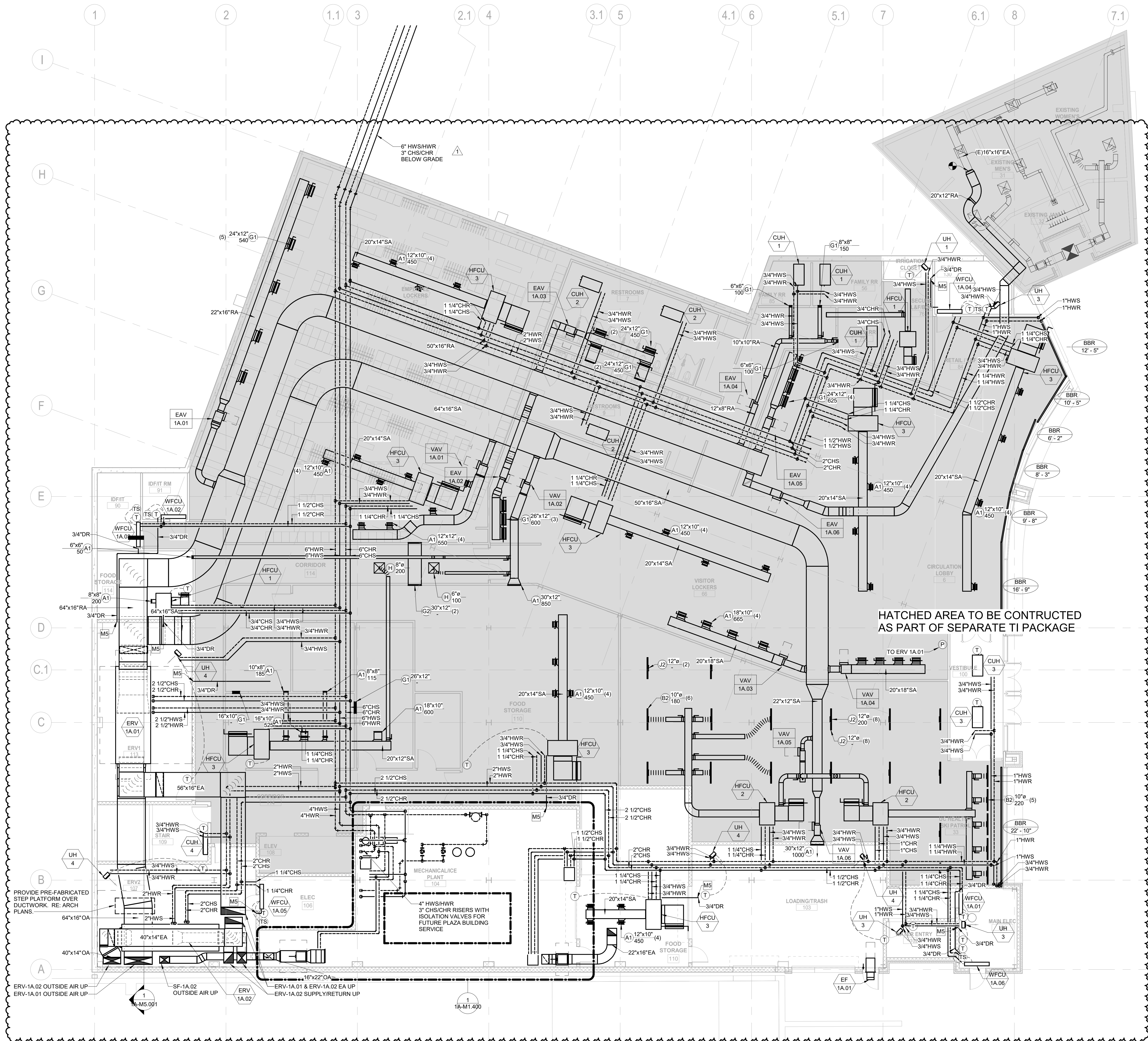
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KEYNOTES

M5	ROUTE CONDENSATE DRAIN DOWN IN WALL AND STUB OUT OF WALL TO FLOOR DRAIN.
----	--

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2021.06.29	BP3: PROMENADE - BULLETIN 02
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Seal / Signature

Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

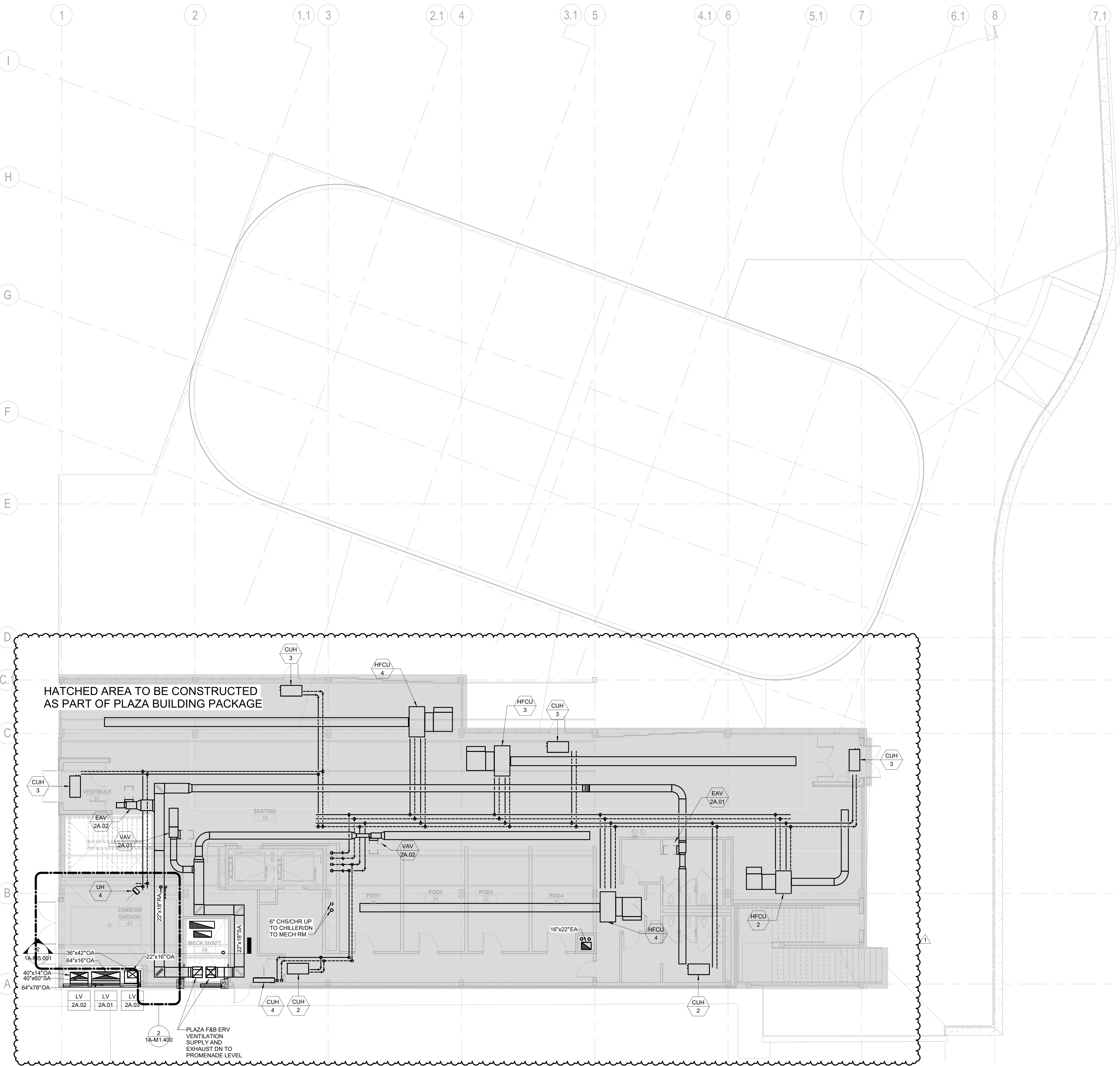
Description

PROMENADE - MECHANICAL PLAN -
LEVEL 00

Scale

1/8" = 1'-0"

1A-M1.200



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Seal / Signature

Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

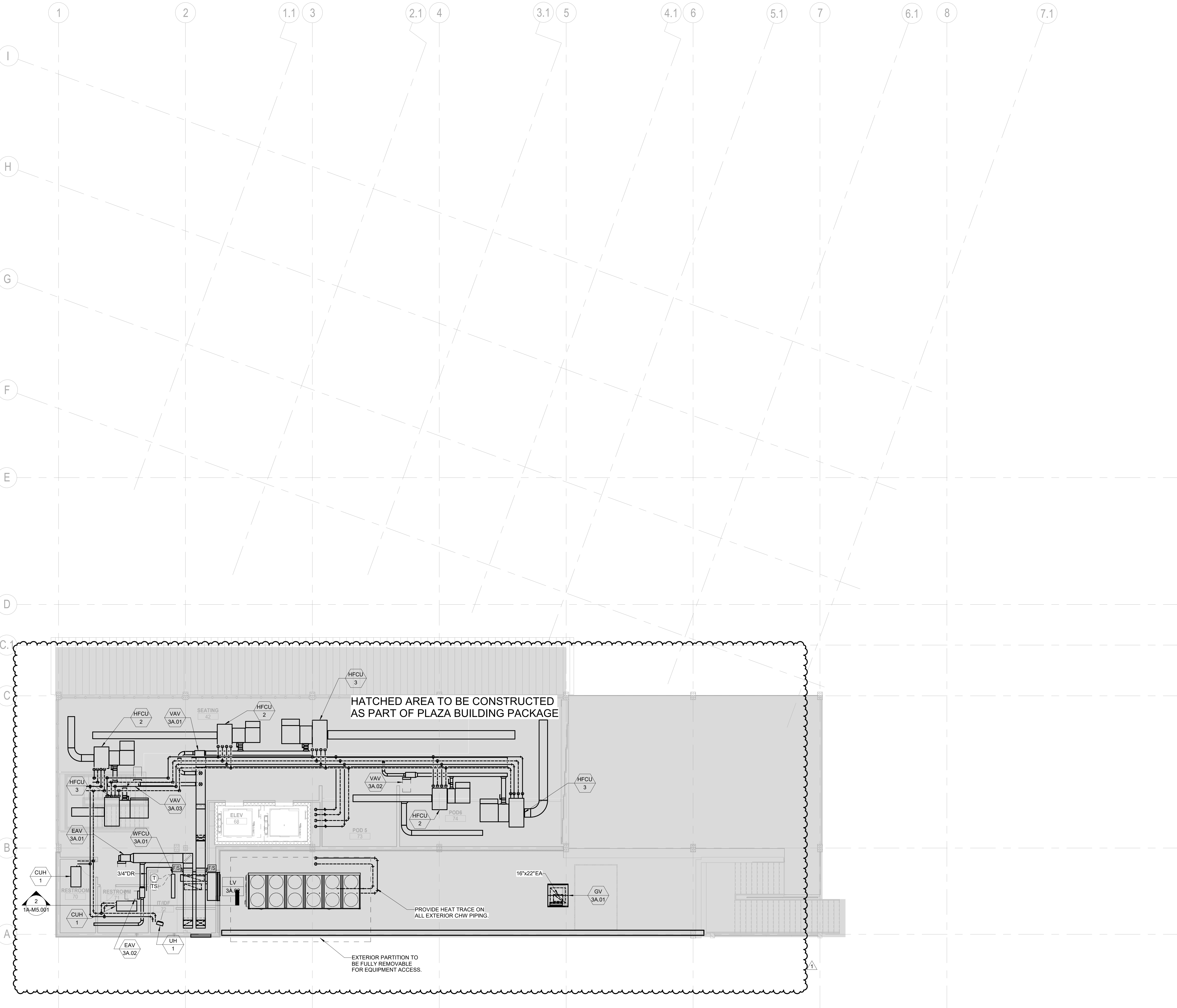
Description

PROMENADE - MECHANICAL PLAN -
LEVEL 01

Scale

1/8" = 1'-0"

1A-M1.201



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KEYNOTES



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Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature



8/6/2021

Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

Description

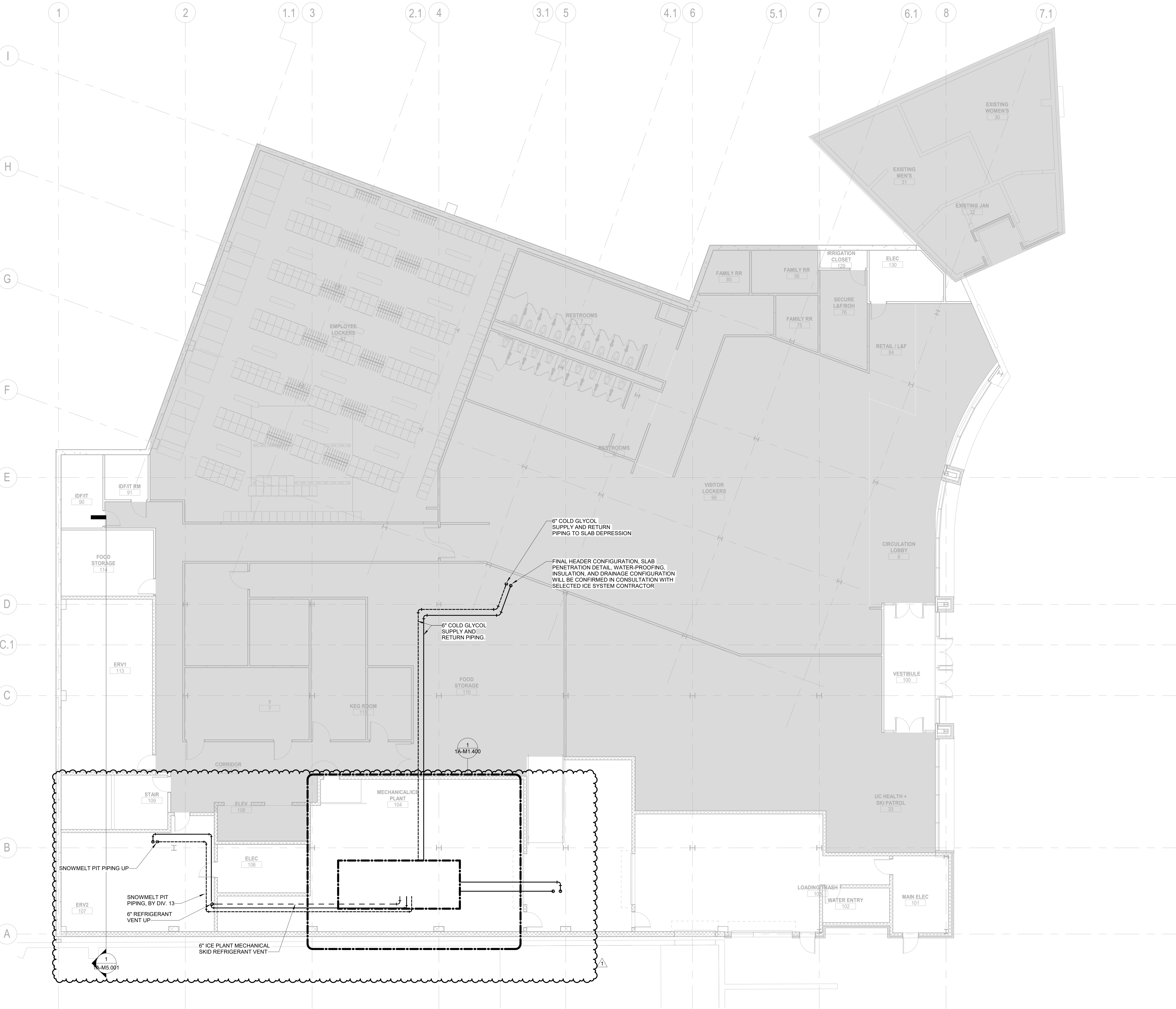
PROMENADE - MECHANICAL PLAN -
LEVEL 02

Scale

1/8" = 1'-0"

1A-M1.202

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8/6/2021

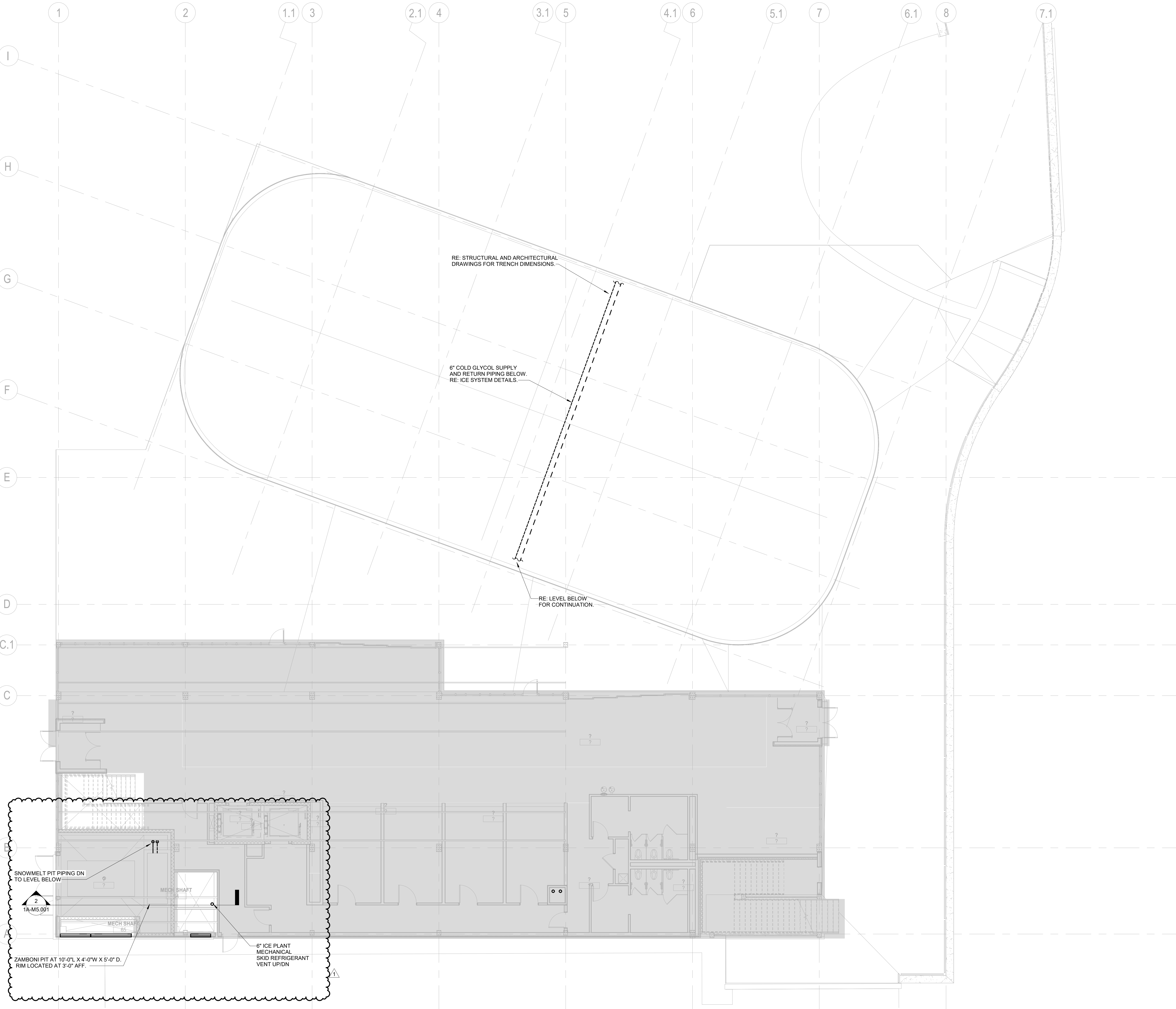
Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - ICE PLANT PLAN - LEVEL 00

Scale
1/8" = 1'-0"

1A-M1.300



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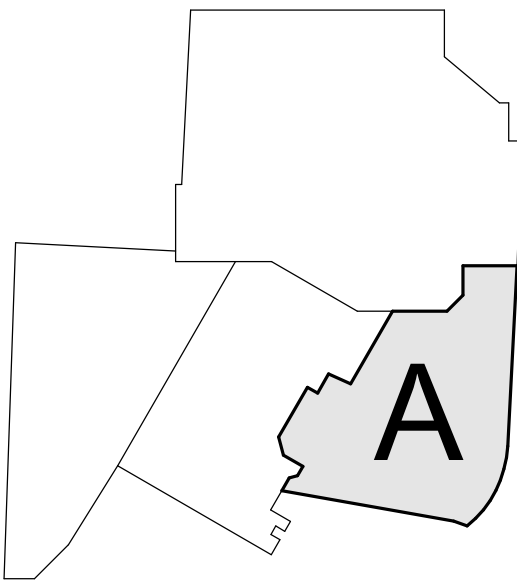
△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature



8/6/2021

KEY PLAN



Project Name

**SSRC | BASE AREA
IMPROVEMENTS**

Project Number

003.7835.000

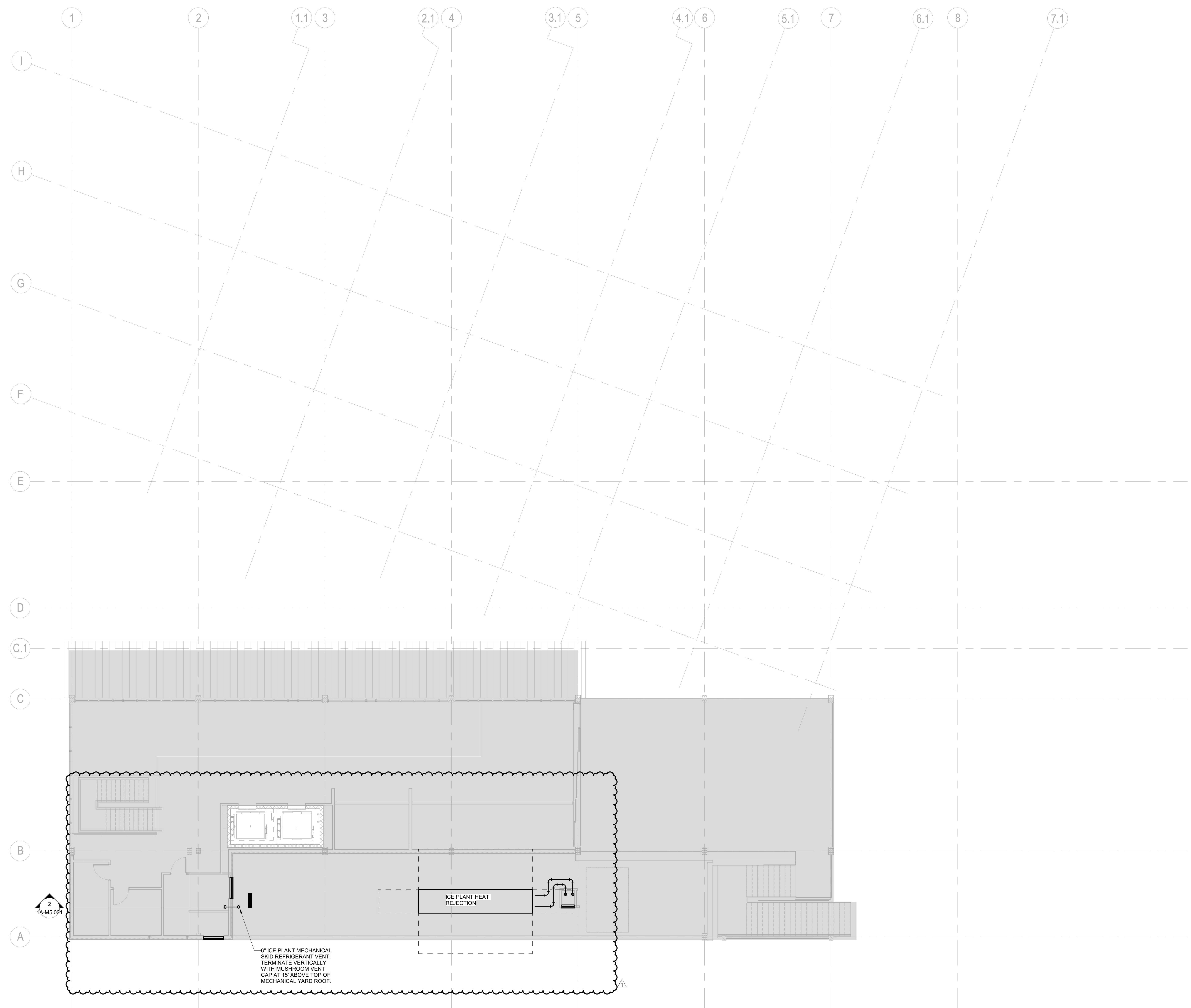
Description

**PROMENADE - ICE PLANT PLAN -
LEVEL 01**

Scale

1/8" = 1'-0"

1A-M1.301



1 ICE PLANT PLAN - LEVEL 02 PLAZA
1/8" = 1'-0"

GENERAL NOTES:

1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE. THE CONTRACTOR IS RESPONSIBLE FOR ALL OFFSETS, TRANSITIONS, ELBOWS, ETC. AS REQUIRED IN DUCTWORK, PIPING, SUPPORTS, ETC. TO COMPLETE THE WORK IN A CLEAN, FUNCTIONAL INSTALLATION THAT IS FULLY COORDINATED WITH ALL OTHER TRADES. ANY PRICING EFFORT SHALL TAKE THESE FACTORS INTO ACCOUNT.
2. MAINTAIN CODE REQUIRED AREA OF SEPARATION FROM OUTSIDE AIR INTAKES TO TERMINATIONS OF EXHAUST, COMBUSTION AIR, PLUMBING VENTS, ETC.
3. COORDINATE EQUIPMENT HOUSEKEEPING PAD DIMENSIONS AND LAYOUT WITH THE GENERAL CONTRACTOR BASED ON FINAL EQUIPMENT SIZES.
4. PROVIDE MANUAL BALANCE DAMPERS IN ALL SUPPLY DUCT BRANCH TAPS DOWNSTREAM OF VAV BOXES.
5. PROVIDE MANUAL BALANCE DAMPERS IN ALL EXHAUST DUCT BRANCH TAPS.
6. COORDINATE SPACE TEMPERATURE SENSORS AND THERMOSTAT LOCATIONS TO ALIGN VERTICALLY WITH LIGHT SWITCHES.
7. TEMPERATURE CONTROLS CONTRACTOR SHALL SUBMIT PLANS INDICATING ALL SPACE TEMPERATURE SENSORS, T-STATS, HUMIDITY SENSORS, ETC. AS PART OF SUBMITTAL PROCESS FOR A/E REVIEW PRIOR TO ROUGH-IN.
8. PROVIDE THROUGH FACE BALANCING FOR ALL DIFFUSERS, REGISTERS, AND GRILLES ABOVE INACCESSIBLE AREAS.
9. PROVIDE TURNING VANES IN ALL 90° DUCT ELBOWS.
10. INSTALL EXPOSED DUCTWORK AS HIGH AS POSSIBLE.
11. ALL DUCT/PIPE PENETRATIONS THROUGH FIRE RATED/SMOKE RATED PARTITIONS SHALL BE CAULKED AND SEALED TO MEET THE RATING REQUIRED. REFER TO LIFE SAFETY DRAWINGS FOR FIRE/SMOKE RATING REQUIREMENTS.
12. PROVIDE ISOLATION VALVES AT EACH BRANCH LINE OFF OF RISER.
13. PROVIDE 3/4" BRANCH PIPING TO ALL TERMINAL UNITS, UNLESS NOTED OTHERWISE.
14. PROVIDE CONDENSATE DRAIN FROM ALL CHILLED WATER COILS AND DX EVAPORATOR COILS TO NEAREST MOP SINK OR MECHANICAL ROOM FLOOR DRAIN. PROVIDE CONDENSATE PUMP FOR WALL MOUNTED UNITS AND CONCEALED UNITS THAT CANNOT BE GRAVITY DRAINED TO TERMINATION LOCATION.

KEYNOTES



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SSRC | BASE AREA
IMPROVEMENTS

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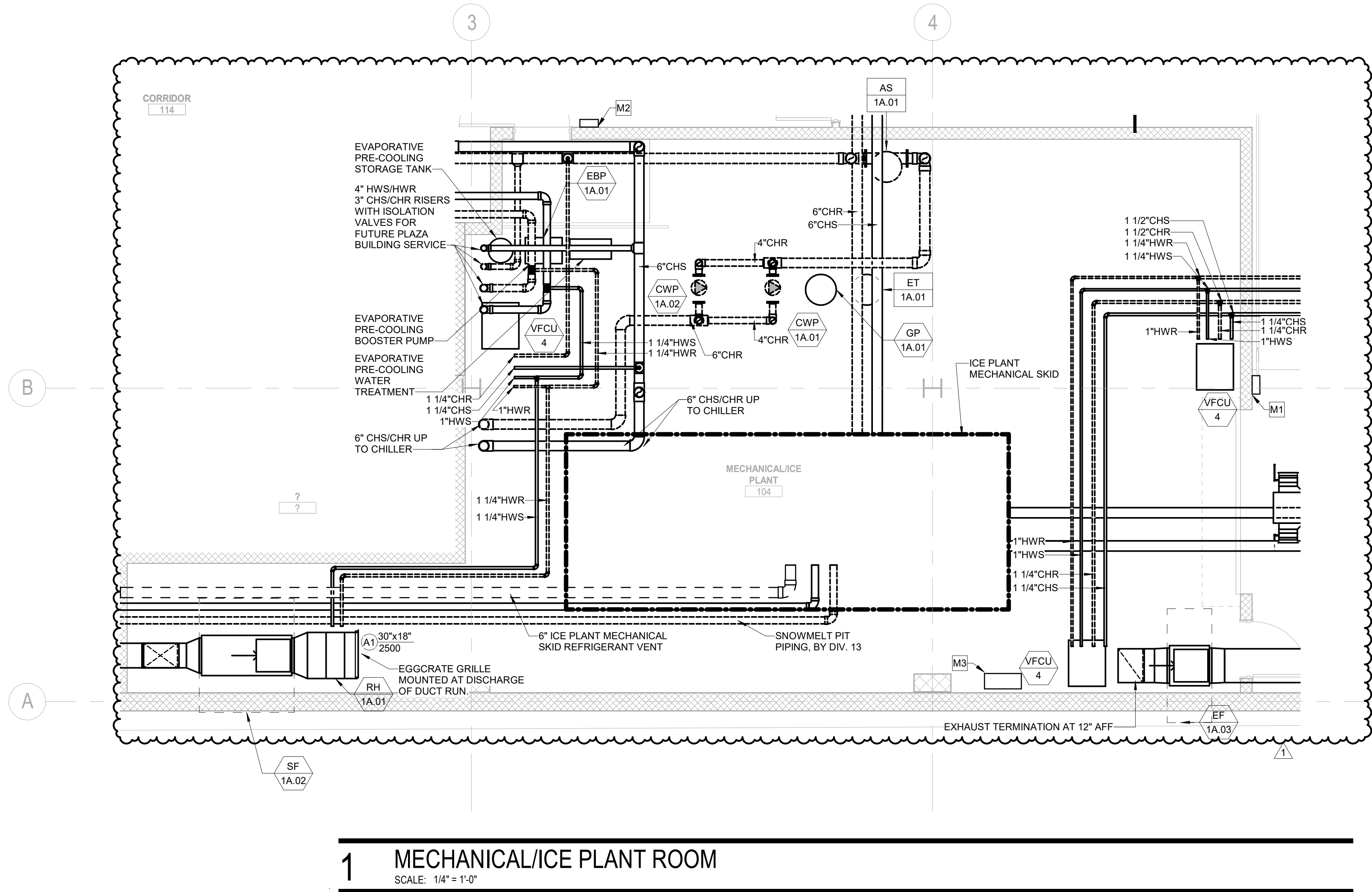
Description

PROMENADE - ICE PLANT PLAN -
LEVEL 02

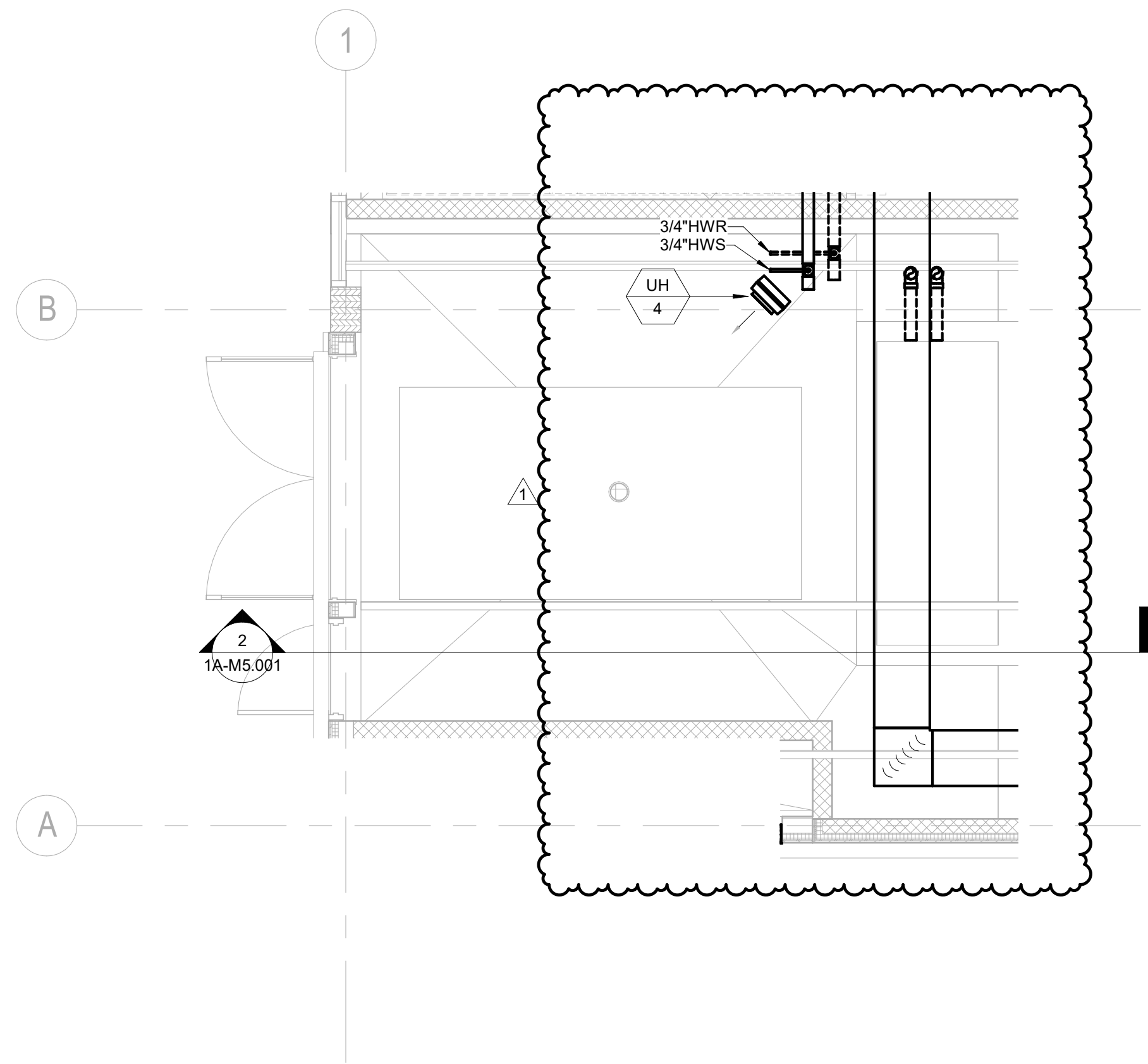
Scale

1/8" = 1'-0"

1A-M1.302



1 MECHANICAL/ICE PLANT ROOM
SCALE: 1/4" = 1'-0"



2 ZAMBONI GARAGE - LEVEL 01 PLAZA
SCALE: 1/4" = 1'-0"

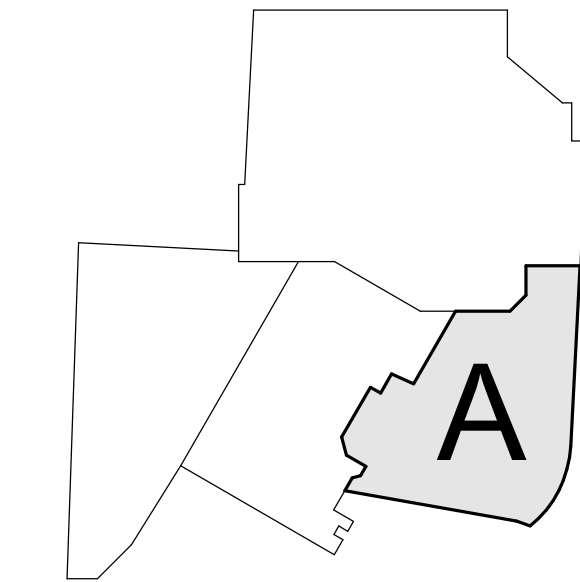
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KEYNOTES

M1	REFRIGERANT LEAK DETECTION SYSTEM REMOTE MONITORING SYSTEM
M2	REFRIGERANT LEAK DETECTION SYSTEM REMOTE MONITORING PANEL
M3	REFRIGERANT LEAK MONITORING SYSTEM. RE: SPECIFICATION 13.10.61 ICE RINK REFRIGERATION AND PIPING.

KEY PLAN



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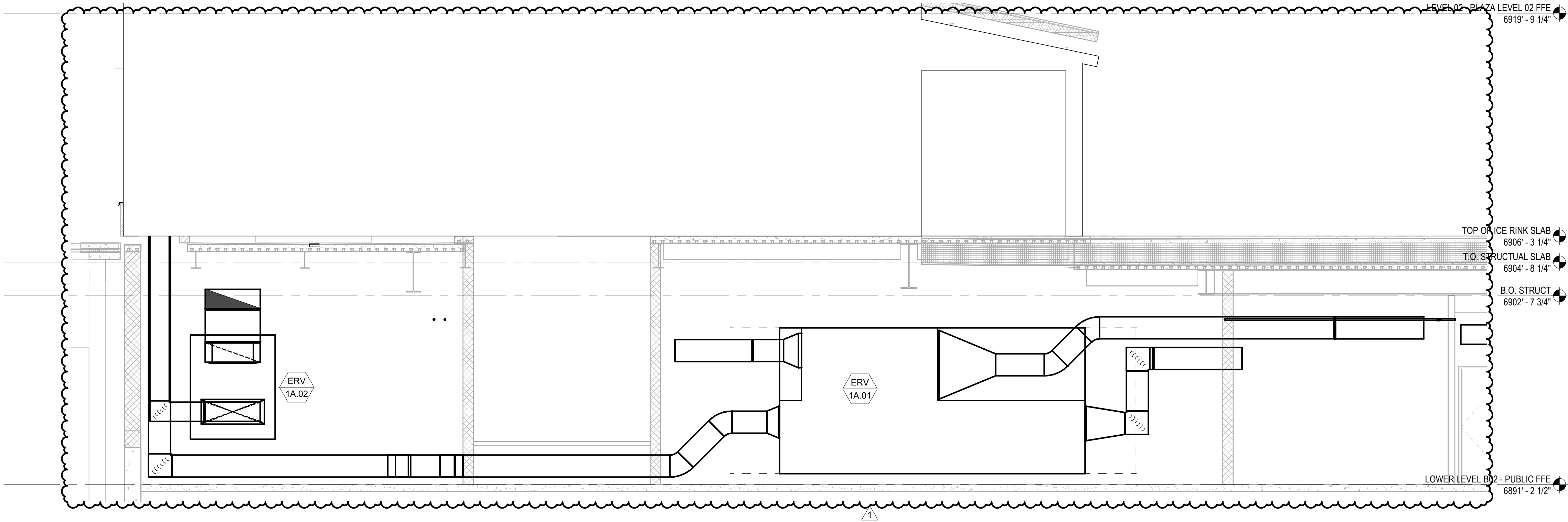
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SSRC | BASE AREA IMPROVEMENTS

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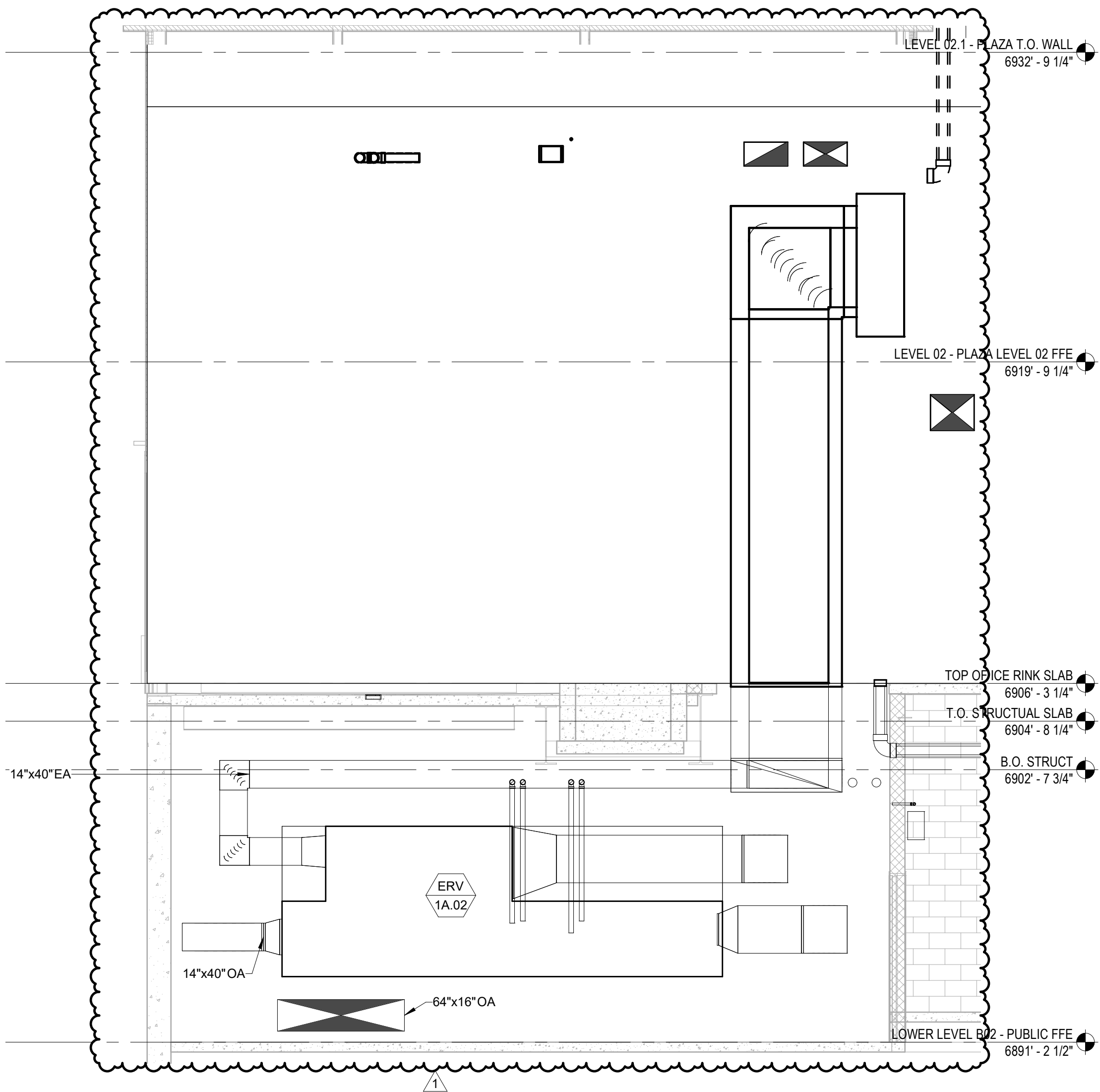
Description
PROMENADE - MECHANICAL ENLARGED PLANS

Scale
1/4" = 1'-0"

1A-M1.400



1 PROMENADE MECHANICAL SECTION 1
SCALE: 1/4" = 1'-0"



2 PROMENADE MECHANICAL SECTION 2
SCALE: 1/4" = 1'-0"

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SSRC | BASE AREA IMPROVEMENTS

Project Number

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Description

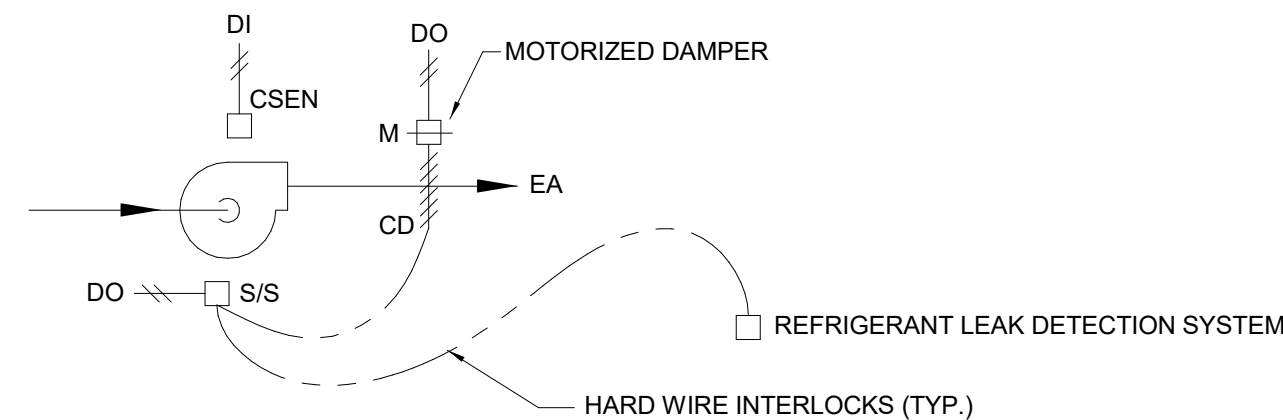
PROMENADE - MECHANICAL SECTIONS

Scale

1/4" = 1'-0"

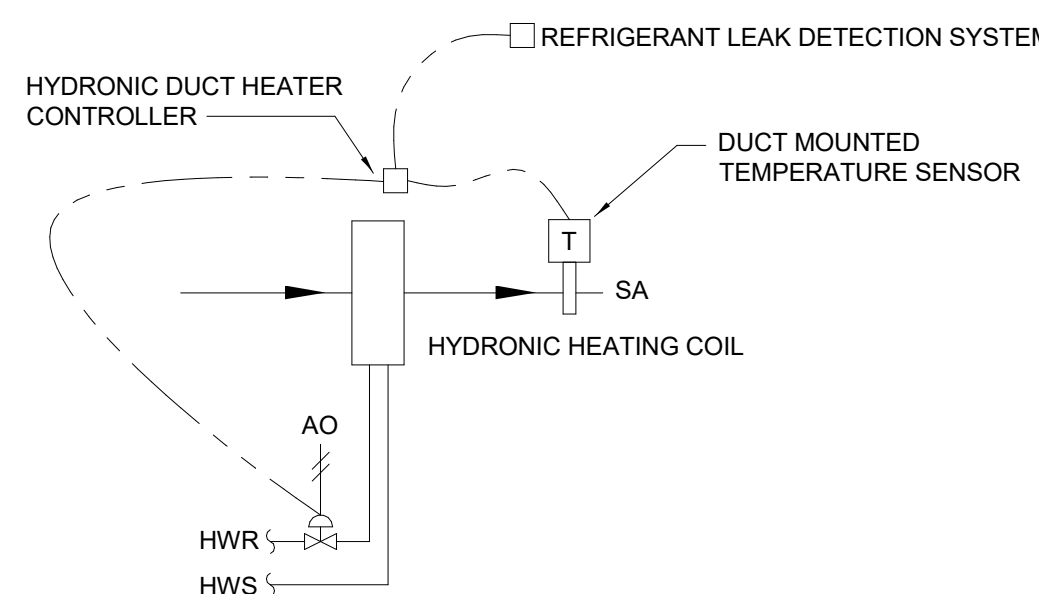
1A-M5.001

ENERGY METER SCHEDULE/POINTS LIST												
SYSTEM: ENERGY METERING SYSTEM												
POINT DESCRIPTION	TYPE	LOAD CATEGORY	ENERGY DEMAND				ENERGY CONSUMPTION				REMARKS	
			UNIT	HOURLY PEAK	DAILY PEAK	MONTHLY PEAK	UNIT	HOURLY TOTAL	DAILY TOTAL	MONTHLY TOTAL		
BUILDING MAIN ELECTRICAL SERVICE METER	E	MAIN	KW	X	X	X	X	KWh	X	X	X	
PANEL L1N2 - LIGHTING	E	LTG	KW	X	X	X	X	KWh	X	X	X	
PLAZA BUILDING KITCHEN PODS - POD-1	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PLAZA BUILDING KITCHEN PODS - POD-2	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PLAZA BUILDING KITCHEN PODS - POD-3	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PLAZA BUILDING KITCHEN PODS - POD-4	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PLAZA BUILDING KITCHEN PODS - POD-5	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PLAZA BUILDING KITCHEN PODS - POD-6	E	PLUG	KW	X	X	X	X	KWh	X	X	X	DATA FOR EACH KITCHEN POD DERIVED VIA SINGLE CONNECTION TO KITCHEN POD METERING SYSTEM.
PANEL L1N1 - LIGHTING	E	LTG	KW	X	X	X	X	KWh	X	X	X	OBTAIN PANEL LOAD BY DEDUCTING PANEL R3N1 METERED USAGE FROM PANEL L1N1 METERED USAGE.
PANEL R3N1 - PLUG LOADS	E	PLUG	KW	X	X	X	X	KWh	X	X	X	
CHILLER ELECTRICITY METER	E	MECH	KW	X	X	X	X	KWh	X	X	X	
PANEL R1N1 - PLUG LOADS	E	PLUG	KW	X	X	X	X	KWh	X	X	X	
PANEL M2N4 - ZAMBONI ROOM PLUG LOADS	E	PLUG	KW	X	X	X	X	KWh	X	X	X	
PANEL M1N3 - MECHANICAL LOADS	E	MECH	KW	X	X	X	X	KWh	X	X	X	OBTAIN PANEL LOAD BY DEDUCTING ZAMBONI ROOM METERED USAGE FROM PNAEL M1N3 METERED USAGE.
PANEL M1N2 - MECHANICAL LOADS	E	MECH	KW	X	X	X	X	KWh	X	X	X	OBTAIN PANEL LOAD BY DEDUCTING PANEL R1N4 METERED USAGE FROM PANEL M1N2 METERED USAGE.
PANEL R1N4 - PLUG LOADS	E	PLUG	KW	X	X	X	X	KWh	X	X	X	
PANEL M1N1 - MECHANICAL LOADS	E	MECH	KW	X	X	X	X	KWh	X	X	X	
ICE PLANT ELECTRICITY METER	E	MECH	KW	X	X	X	X	KWh	X	X	X	
BUILDING LIGHTING	VIR		KW	X	X	X	X	KWh	X	X	X	OBTAIN BY ADDING ALL BUILDING LTG METERS.
BUILDING HVAC/PLUMBING	VIR		KW	X	X	X	X	KWh	X	X	X	OBTAIN BY ADDING ALL BUILDING MECH METERS. DO NOT DOUBLE COUNT SUB-METERS.
BUILDING PLUG LOAD	VIR		KW	X	X	X	X	KWh	X	X	X	OBTAIN BY ADDING ALL BUILDING PLUG LOAD METERS. DO NOT DOUBLE COUNT SUB-METERS.
CHILLER PLANT BTU METER	BTU	MECH	TONS	X	X	X	X	TON-HRS	X	X	X	
CHILLER PLANT EFFICIENCY	VIR		KW/TON									SEE NOTE 10 BELOW.
PROMENADE BUILDING MAIN NATURAL GAS SERVICE METER	NG	MAIN	TH/H	X	X	X	X	THERMS	X	X	X	
NATURAL GAS SERVICE TO PLAZA BUILDING KITCHENS	NG	MECH	TH/H	X	X	X	X	THERMS	X	X	X	
NATURAL GAS SERVICE TO PLAZA FIRE PIT	NG	MECH	TH/H	X	X	X	X	THERMS	X	X	X	
MAIN DOMESTIC WATER SERVICE	DW	MAIN	GAL/H	X	X	X	X	GAL	X	X	X	
ICE PLANT PROCESS WATER	DW	PLB	GAL/H	X	X	X	X	GAL	X	X	X	
IRRIGATION WATER	DW	PLB	GAL/H	X	X	X	X	GAL	X	X	X	
GENERAL NOTES:												
1. TYPE CODES:												
E: ELECTRICITY												
NG: NATURAL GAS												
DW: DOMESTIC WATER												
BTU: BTU METER												
VIR: VIRTUAL METER OBTAINED VIA ADDITION OR SUBTRACTION												
2. LOAD CATEGORIES:												
MAIN: MAIN BUILDING METER												
MECH: MECHANICAL												
LTG: LIGHTING												
PLB: PLUMBING												
PLUG: PLUG LOAD												
PROC: PROCESS												
3. ALL METERS SHALL RECORD AT INTERVALS OF ONE HOUR OR LESS.												
4. ALL METERS SHALL REPORT BOTH DEMAND (KW OR BTU/h) AND CONSUMPTION (KWh OR THERMS) UNLESS OTHERWISE NOTED.												
5. MAIN ELECTRICAL SERVICE ENTRANCE METERS SHALL RECORD POWER FACTOR AND REPORT HOURLY. RECORD HOURLY VALUES FOR A MINIMUM OF THREE YEARS.												
6. ALL METERS INDICATED SHALL HAVE DIRECT CONNECTION TO THE BMS VIA SERIAL COMMUNICATION UNLESS OTHERWISE NOTED.												
7. RECORDED DATA FOR EACH METER SHALL INCLUDE HOURLY, DAILY, MONTHLY, AND ANNUAL PEAK DEMAND AND TOTAL CONSUMPTION. INFORMATION FOR EACH METER POINT INDICATED SHALL BE REPORTED AT THE BMS OPERATOR STATION IN CALENDAR FORMAT. DATA SHALL BE STORED FOR A MINIMUM OF THREE YEARS.												
8. METERED DATA SHALL BE REMOTELY ACCESSIBLE THROUGH THE BMS.												
9. METERING SYSTEM SHALL BE EXPANDABLE TO INCLUDE ADDITIONAL METERS FOR SHELL AREAS INDICATED ON ARCHITECTURAL DRAWINGS.												
10. REPORT HOURLY CHILLER PLANT KW/TON USING 1 HOUR MEASUREMENT OF TOTAL ELECTRICITY CONSUMED (KWh) DIVIDED BY SAME 1 HOUR MEASUREMENT OF TOTAL COOLING ENERGY PRODUCED (TON-HRS).												
11. WHERE METERED CATEGORY VIRTUAL POINTS ARE INDICATED, DO NOT DOUBLE COUNT SUB-METERS. FOR METERS IN SERIES, COUNT ONLY THE UPSTREAM METER IN THE CATEGORY TOTAL.												



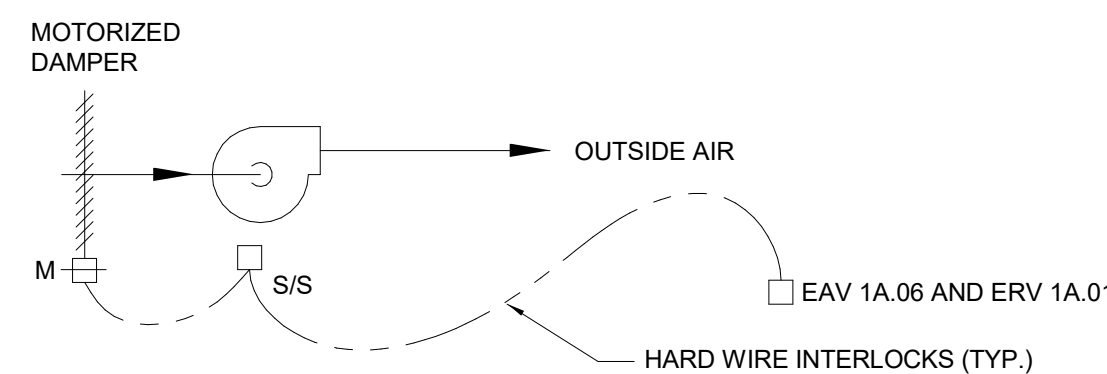
A ICE PLANT EXHAUST FAN CONTROL
NONE

- A. FAN SHALL BE INTERLOCKED WITH SUPPLY FAN SERVING SAME AREA. FAN TO RUN CONTINUOUSLY AT A LOW SPEED OF 700CFM. UPON REFRIGERANT LEAK DETECTION SYSTEM ACTIVATION, MODULATE FAN TO HIGH SPEED OF 2500CFM.



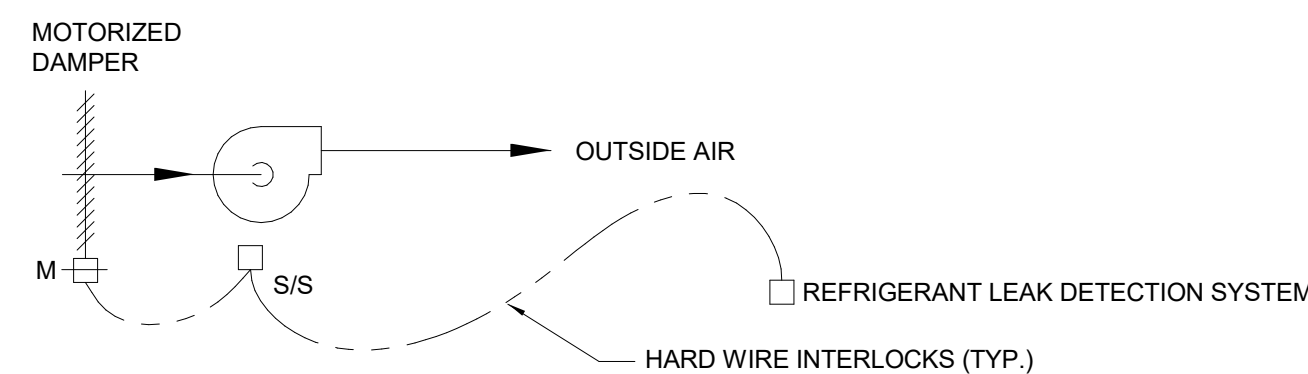
B HYDRONIC REHEAT COIL CONTROL
NONE

- A. INTERLOCK HYDRONIC DUCT HEATER WITH VENTILATION SUPPLY FAN SERVING SAME AREA. MODULATE CONTROL VALVE TO MAINTAIN VENTILATION SUPPLY AIR TEMPERATURE OF 65F (ADJ.) CONTINUOUSLY.



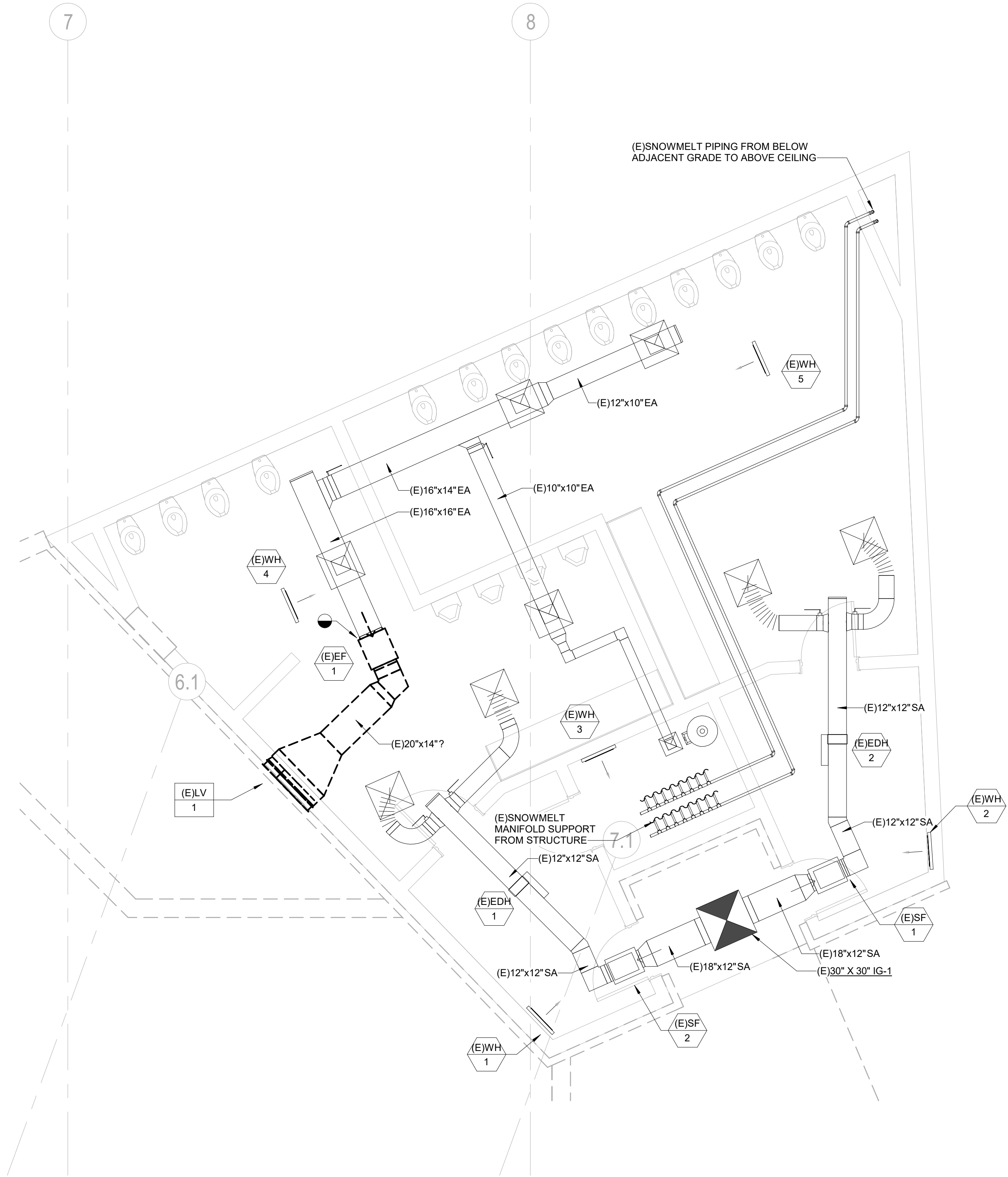
C STAGE TOILET EXHAUST SYSTEM
NONE

- A. EXISTING SUPPLY FAN SHALL BE INTERLOCKED WITH ERV 1A.01 AND EAV 1A.06. FAN TO RUN CONTINUOUSLY WHILE ERV 1A.01 IS RUNNING.



C ICE PLANT SUPPLY FAN VENTILATION CONTROL
NONE

- A. FAN SHALL BE INTERLOCKED WITH EXHAUST FAN SERVING SAME AREA. FAN TO RUN CONTINUOUSLY AT A LOW SPEED OF 700CFM. UPON REFRIGERANT LEAK DETECTION SYSTEM ACTIVATION, MODULATE FAN TO HIGH SPEED OF 2500CFM.



1 LOWER LEVEL 01 - GONDOLA BUILDING LOWER LEVEL 01 - MECHANICAL ENLARGED PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. EXISTING DUCTWORK, PIPING, EQUIPMENT, ETC. SHOWN HAS BEEN COMPILED FROM RECORD DRAWINGS AND PREVIOUS DESIGN PLANS. NEITHER THE ACCURACY OF THESE PLANS NOR THE EXTENT OF UNDOCUMENTED CHANGES SINCE HAS BEEN FIELD VERIFIED. THIS INFORMATION IS SHOWN TO HELP IDENTIFY THE "SCOPE OF WORK," BUT ANY PRICING EXERCISE OR BID SHOULD INVOLVE A THOROUGH REVIEW OF FIELD CONDITIONS PRIOR TO FINALIZING.
2. THE DRAWINGS IS DIAGRAMMATIC IN NATURE. DEMOLISHED WORK IS SHOWN BOLD AND DASHED TO REFLECT THE GENERAL DEMOLITION SCOPE. UTILIZE THE ARCHITECTURAL DRAWINGS AND MECHANICAL PLANS TO FURTHER DEFINE THE LIMITS OF DEMOLITION WORK.
3. SOME NOTES AND CALLOUTS ARE FROM RECORD DRAWINGS AND REFLECT EXISTING DUCTWORK, PIPING, AND EQUIPMENT FOR CLARITY.
4. PATCH AND SEAL EXISTING DUCTS TO REMAIN AT ALL POINTS OF DISCONNECTION NOT OTHERWISE BEING RECONNECTED WITH NEW WORK.
5. CAP ALL EXISTING PIPING TO REMAIN AT ALL POINTS OF DISCONNECTION NOT OTHERWISE BEING RECONNECTED WITH NEW WORK.
6. CAP OR COVER DUCT OPENINGS DURING DEMOLITION AND CONSTRUCTION (TYPICAL).
7. CONTRACTOR TO COORDINATE ALL NEW WORK WITH EXISTING SYSTEMS, RELOCATING AS NECESSARY.
8. DEMO GRDs IN ALL LOCATIONS WHERE CEILINGS ARE TO BE DEMOLISHED, RE: ARCHITECTURAL DEMO PLANS.
9. CONTRACTOR TO PROVIDE FULL AIR AND WATER BALANCE FOR ALL AFFECTED SYSTEMS. PROVIDE BALANCING PRIOR TO CONSTRUCTION AND FOR FINAL TAB REPORT AT END OF CONSTRUCTION, RE: SCHEDULE.
10. REBALANCE ALL AFFECTED (E) EXHAUST FAN SYSTEMS, WHERE DEMO/REWORK IS SHOWN ON THE DRAWINGS. REFER TO PLANS FOR LOCATIONS.
11. RECONNECT (E) PIPING TO REPLACED EQUIPMENT.
12. EXTEND (E) PIPING TO RELOCATED EQUIPMENT.
13. MAINTAIN SYSTEM CONTINUITY FOR ALL SYSTEMS THAT PASS THROUGH DEMO SCOPE AREA AND SERVE OTHER AREAS OUTSIDE THE SCOPE OF WORK.

KEYNOTES



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1	2021.08.06	BP3-PROMENADE - BULLETIN 08

Seal / Signature



Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

Description

PROMENADE - MECHANICAL DEMO
PLAN - LEVEL 00

Scale

1/4" = 1'-0"

1A-MD1.200

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ENVIRONMENTAL FAN SCHEDULE

CODE	MANUFACTURER/ MODEL NO.	SERVICE	LOCATION	TYPE	MAX CFM	LOW CFM	ESP "W.C. (ALT.)	DRIVE	ELECTRICAL										SOUND POWER LWA	DECIBEL LEVEL dBA	REMARKS
									HP	VOLT	PH	FLA	DISC.	FEEDER	FUSE	MTG	CTRL				
EF 1A.01	GREENHECK/SE1-14-440-VG	LOADING/TRASH	LOWER LEVEL	PROPELLOR	900		0.3	B	1/2	120	1	9.8	S.T.O.	(2#12, #12G) 3/4"C	-	2	I	68	57	A,B,D	
SF 1A.02	GREENHECK/BSQ140	MECHANICAL/ICE PLANT SUPPLY	LOWER LEVEL	INLINE	2500	750	1	VFD(B)	1	460	3	2.1	20A/3P	(3#12, #12G) 3/4"C	15A LPS-RK	1	II	-	-	A,B,C	
EF 1A.03	GREENHECK/BSQ160	MECHANICAL/ICE PLANT EXHAUST	LOWER LEVEL	INLINE	2500	750	0.5	VFD(B)	1/2	120	1	9.6	S.T.O.	(2#12, #12G) 3/4"C	-	1	II	-	-	A,B	

GENERAL NOTES:

1. DRIVE TYPE: VFD(B) = BELT DRIVE FAN WITH VARIABLE FREQUENCY DRIVE.
B = BELT-PROVIDE ADJUSTABLE SHEAVE UNLESS OTHERWISE NOTED.
2. SCHEDULED FAN VALUES (CFM, SP AND HP) ARE ACTUAL AT ALTITUDE. MOTOR HP HAS BEEN ADJUSTED FROM SEA LEVEL CONDITIONS FOR OPERATION AT JOB SITE ELEVATION. JOB SITE ELEVATION = 6,700 FT.
3. PROVIDE MAGNETIC STARTER WITH AUXILIARY CONTACTS AND HOA SWITCH ON ALL THREE PHASE UNITS EXCEPT WHEN SERVED FROM MOTOR CONTROL CENTER.
3. PROVIDE PREMIUM EFFICIENCY MOTORS FOR MOTORS 1 HP AND OVER PER NEMA STANDARD MG1-2003, TABLES 12-12 AND 12-13.

MOUNTING (MTG):

1. INSTALL FAN WITH FLEXIBLE CONNECTIONS AT DUCT INLET AND OUTLET AND WITH HANGING VIBRATION ISOLATORS.
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

CONTROL (CTRL):

- I. INTERLOCK WITH ENERGY RECOVERY VENTILATOR SERVING THE SAME AREA. MONITOR VIA BMS AND PROVIDE MANUAL OVERRIDE SWITCH.
- II. RUN CONTINUOUSLY AT LOW SPEED FOR ROOM VENTILATION AND PROVIDE MAX CFM OVERRIDE IN REFRIGERANT PURGE MODE. CONTROL VIA DDC SYSTEM.

REMARK NOTES:

- A. PROVIDE BELT AND MOTOR GUARD.
- B. PROVIDE MOTORIZED BACKDRAFT DAMPER AT ROOF OR WALL PENETRATION.
- C. PROVIDE A 2" MERV 8 FILTER
- D. PROVIDE WITH WALL HOUSING, WEATHERHOOD AND OSHA WIRE GUARD.

100% Outdoor air

ERV 1A.01

System name and number	ERV 1A.01
Condition analyzed (impacts Ez)	Heating

Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Are you using default value for zone population?	Zone Population Pz (people)	People Outdoor Air Rate Rp (cfm per person)	Area Outdoor Air Rate Ra (cfm per sq ft)	Breathing Zone Outdoor Airflow (people related... (cfm)	Breathing Zone Outdoor Airflow (area related... (cfm)	Breathing Zone Outdoor Airflow Vbz (cfm)	Zone Air Distribution Effectiveness Ez	Zone Outdoor Airflow Voz (cfm)	Zone Outdoor Airflow Provided (measured or design) (cfm)
							Rp Pz	Ra Az	(Rp Pz + Ra Az)*1.3		Vbz / Ez	
					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HALLWAY	Common corridors	335	Yes	0.00	0.00	0.06	0.00	0.00	20.09	0.50	40.18	60
RETAIL / L & F	Reception areas	165	Yes	49.50	5.00	0.06	247.50	9.90	257.39	0.80	321.73	60
CIRCULATION LOBBY	Lobbies / prefunction	915	Yes	274.50	7.50	0.06	2,058.75	54.90	2,113.65	0.80	2,642.06	450
UC HEALTH + SKI PATROL	Office space	2,450	Yes	122.50	5.00	0.06	612.50	147.00	759.50	0.80	949.37	500
FOOD STORAGE 114	Occupiable storage rooms for dry...	230	Yes	4.60	5.00	0.06	23.00	13.80	36.79	0.80	45.98	50
CORRIDOR 114	Common corridors	1,025	Yes	0.00	0.00	0.06	0.00	61.50	61.50	0.80	76.87	100
FOOD STORAGE 110	Occupiable storage rooms for dry...	2,720	Yes	54.40	5.00	0.06	272.00	163.19	435.19	0.80	543.98	850
					0.00	0.00	0.00	0.00	0.00		0.00	

System area (sq ft)	As	(sq ft)	7,840.00	ΣAz
System population	Ps	(people)	505.50	ΣPz
Outdoor air intake flow (30% above 62.1 requirement)	Vot	(cfm)	4,620	ΣVoz

Outdoor air intake flow provided (measured or design)	(cfm)	10,000
---	-------	--------

REFRIGERANT CALCULATIONS

ROOM	REFRIGERANT TYPE	REFRIGERANT CLASSIFICATION	ESTIMATED TOTAL REFRIGERANT CHARGE (LBS) (NOTE 2)	ROOM AREA (SF)	ROOM VOLUME (CF)	NORMAL VENTILATION RATE (CFM)	EMERGENCY VENTILATION RATE (CFM)
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ICE PLANT	R-438A	A1	600	1380	6560	750	2,500
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GENERAL NOTES

1. INFORMATION ABOVE IS BASED ON THE BASIS OF DESIGN AND THE 2018 INTERNATIONAL MECHANICAL CODE.
2. ESTIMATED TOTAL REFRIGERANT CHARGE IS THE MAXIMUM CHARGE ANTICIPATED WITHIN THE ICE PLANT SKID.

GRILLE REGISTER DIFFUSER SCHEDULE

CODE	MANUFACTURER/ MODEL NO.	SERVICE	TYPE	ACCESSORIES	FACE SIZE	REMARKS
A1	PRICE / 520L	SUPPLY	LOUVERED		NECK +2"	
A2	PRICE / 620L	SUPPLY	LOUVERED		NECK +2"	A
A3	PRICE / 520	SUPPLY	DOUBLE DEFLECTION		NECK +2"	
B1	PRICE / SDS	SUPPLY	LINEAR SLOT	48" FACTORY PLENUM	(1) 1" SLOT, 48" LENGTH	
B2	PRICE / SDS	SUPPLY	LINEAR SLOT	48" FACTORY PLENUM	(2) 1" SLOT, 48" LENGTH	
B3	PRICE / SDS	SUPPLY	LINEAR SLOT	48" FACTORY PLENUM	(3) 1" SLOT, 48" LENGTH	
C1	PRICE / SDS	SUPPLY	LINEAR SLOT	60" FACTORY PLENUM	(1) 1" SLOT, 60" LENGTH	
C2	PRICE / SDS	SUPPLY	LINEAR SLOT	60" FACTORY PLENUM	(2) 1" SLOT, 60" LENGTH	
C3	PRICE / SDS	SUPPLY	LINEAR SLOT	60" FACTORY PLENUM	(3) 1" SLOT, 60" LENGTH	
D	PRICE / SDGE	SUPPLY	SPIRAL MOUNT	AIR SCOOP		A
E	PRICE / SDGE	EXHAUST/RET...	SPIRAL MOUNT	PERFORATED		A
F1	PRICE / PDDR	EXHAUST/RET...	PERFORATED		12"x12"	
F2	PRICE / PDDR	EXHAUST/RET...	PERFORATED		24"x24"	
G1	PRICE / 510L	EXHAUST/RET...	LOUVERED		SEE PLANS	
G2	PRICE / 530L	EXHAUST/RET...	LOUVERED		SEE PLANS	
H	PRICE / SPD	SUPPLY	SQUARE CEILING		24"x24"	
J1	PRICE / SDR	RETURN	LINEAR SLOT	48" FACTORY PLENUM	(1) 1" SLOT, 48" LENGTH	
J2	PRICE / SDR	RETURN	LINEAR SLOT	48" FACTORY PLENUM	(2) 1" SLOT, 48" LENGTH	
J3	PRICE / SDR	RETURN	LINEAR SLOT	48" FACTORY PLENUM	(3) 1" SLOT, 48" LENGTH	

GENERAL NOTES:

1. SEE PLANS FOR CFM AND NECK SIZE.
2. MAXIMUM NOISE CRITERIA (NC) SHALL BE 30 UNLESS OTHERWISE NOTED.
3. COLOR TO BE COORDINATED WITH ARCHITECT.
4. MATERIAL IS STEEL UNLESS OTHERWISE NOTED.
5. PROVIDE A REMOTE, THROUGH FACE, CABLE OPERATED BALANCING DAMPER WHEN INSTALLED IN AN INACCESSIBLE...
6. PROVIDE FRAME AND TRIM COMPATIBLE WITH CEILING SYSTEM. RE: ARCHITECTURAL RCP DRAWINGS.
7. PROVIDE SQUARE TO ROUND ADAPTER FOR RECTANGULAR FACE GRILLES CONNECTED TO ROUND BRANCH DUCTS.

REMARK NOTES:

- A. ALUMINUM CONSTRUCTION.

VAV BOX SCHEDULE

CODE (VAV)	AREA SERVED	MANUFACTURER/ MODEL NO.	DESIGN CFM		CAPACITY (CFM)		MAX. NC @ DESIGN MAX.	INLET SIZE	OUTLET SIZE	REMARKS
			AIRFLOW (CFM)	DESIGN (CFM)	MAX.	MIN.				
1A.01	EMPLOYEE LOCKER	TITUS DESV 14	2200	2200	3000	450	-	14	20 X 17.5	A
1A.02	FOOD STORAGE	TITUS DESV 12	1000	1000	2000	325	-	12	16 X 15	A
1A.03	VISITORS LOCKER/RESTROOMS	TITUS DESV 14	2650	2650	3000	450	-	14	20 X 17.5	A
1A.04	VISITORS LOCKER/RESTROOMS	TITUS DESV 14	2650	2650	3000	450	-	14	20 X 17.5	A
1A.05	UC HEALTH + SKI PATROL	TITUS DESV 8	500	500	900	145	-	8	12 X 10	A
1A.06	LOADING/TRASH	TITUS DESV 12	1000	1000	2000	325	-	12	16 X 15	A

GENERAL NOTES

1. MOUNT WITH 5 STRAIGHT DUCT DIAMETERS UPSTREAM OF THE BOX.
2. MAXIMUM OUTLET S.P. = 0.75".
3. MAXIMUM NC LEVELS ARE RADIATED SOUND DATA AND BASED ON THE MAXIMUM BOX CFM LISTED AND AT A PRESSURE DROP ACROSS THE BOX OF 2.0".
4. JOBSITE ELEVATION = 6700FT.

REMARK NOTES

- A. PROVIDE CONSTANT VOLUME BOX.

EAV BOX SCHEDULE

CODE (EAV)	AREA SERVED	MANUFACTURER/ MODEL NO.	DESIGN CFM		CAPACITY (CFM)		MAX. NC @ DESIGN MAX.	INLET SIZE	OUTLET SIZE	REMARKS
			AIRFLOW (CFM)	DESIGN (CFM)	MAX.	MIN.				
1A.01	EMPLOYEE LOCKER	TITUS DESV 14	2700	2700	3000	450	-	14	20 X 17.5	A
1A.02	VISITORS LOCKER	TITUS DESV 12	1800	1800	2000	325	-	12	16 X 15	A
1A.03	RESTROOMS	TITUS DESV 12	1800	1800	2000	325	-	12	16 X 15	A
1A.04	RESTROOMS	TITUS DESV 6	350	350	500	80	-	6	12 X 8	A
1A.05	STAGE RESTROOMS	TITUS DESV 12	1500	1500	2000	325	-	12	16 X 15	A

GENERAL NOTES

1. MOUNT WITH 5 STRAIGHT DUCT DIAMETERS UPSTREAM OF THE BOX.
2. MAXIMUM OUTLET S.P. = 0.5".
3. MAXIMUM NC LEVELS ARE RADIATED SOUND DATA AND BASED ON THE MAXIMUM BOX CFM LISTED AND AT A PRESSURE DROP ACROSS THE BOX OF 2.0".
4. JOBSITE ELEVATION = 6700FT.

REMARK NOTES

- A. PROVIDE CONSTANT VOLUME BOX.

LOUVER SCHEDULE

CODE (LV)	MANUFACTURER/ MODEL NO.	SERVICE	AIRFLOW (CFM)	MINIMUM FREE AREA (SF)	FACE DIMENSIONS WIDTH (IN) X HEIGHT (IN)	REMARKS
2A.01	RUSKIN/ELF6375DX	PROMENADE ERV INTAKE	10,000	20	64 X 78	
2A.02	RUSKIN/ELF6375DX	PLAZA F&B ERV INTAKE	4,700	9.4	40 X 60	
2A.03	RUSKIN/ELF6375DX	ICE PLANT INTAKE	2,500	5	36 X 42	
3A.01	RUSKIN/ELF6375DX	COMBINED ERV EXHAUST	14,700	19.6	66 X 72	

GENERAL NOTES:

1. LOUVERS ARE PROVIDED BY DIVISION 23.
2. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAILS.
3. PROVIDE EXTERIOR INSULATION ON ALL LOUVER PLENUMS AND SHEET METAL BETWEEN LOUVER AND MOTORIZED DAMPER. REFER TO MECHANICAL INSULATION SPECIFICATION.

GRAVITY VENT SCHEDULE

CODE (GV)	MANUFACTURER/ MODEL NO.	SERVICE	CFM	HOOD SIZE " X "	THROAT SIZE " X "	THROAT VELOCITY (FPM)	PRESSURE DROP (IN)	WATTS	VOLT	PH	FLA	DISC.	FUSE	FEEDER	REMARKS
3A.01	GREENHECK/FGR	ICE PLANT EXHAUST	2500	51 X 41	36 X 36	420	0.024	50	120	1	1	\$T.O.	-	(2#12, #12G) 3/4"C	

GENERAL NOTES:

1. PROVIDE 42" CUSTOM ROOF CURB. CURB SPACE BELOW GRAVITY VENT TO INCLUDE DUCTED EXHAUST AND REFIRGERANT PIPING FROM BELOW. PIPING TO EXIT SIDE OF ROOF CURB. RE: PLANS.
2. PRESSURE DROP INCLUDES LOSS DUE TO ACCESSORIES.
3. JOB SITE ELEVATION = 6700 FT.
4. PROVIDE 120V MOTORIZED DAMPER WITH INTERLOCK TO REFRIGERANT EXHAUST FAN.
5. PROVIDE BIRD SCREEN.

GENERAL NOTES:

1. REQUIRED PIPE SIZES ARE SHOWN NEXT TO KEY NOTE.
2. PROVIDE BALL VALVE SHUTOFF AND 12"X12" ACCESS PANEL AT EACH SHOCK ABSORBER (SA) PANEL LOCATION TO BE VERIFIED AND COORDINATED WITH ARCHITECT.
3. ALL PIPING INSTALLED FOR FUTURE CONNECTION SHALL BE STUBBED UP MINIMUM 18" FOR FUTURE EXTENSION.
4. ALL INVERT ELEVATIONS (E) SHALL BE FIELD VERIFIED BEFORE ANY PIPING IS INSTALLED.
5. ALL CIRCUIT SETTERS SHALL BE SET AT 1.0 GPM UNLESS NOTED OTHERWISE.

KEY NOTES:

(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET)

- | | |
|----|---|
| 1 | SANITARY PIPING UP |
| 2 | SANITARY PIPING DN |
| 3 | SANITARY PIPING UP & DN |
| 4 | GW PIPING UP |
| 5 | GW PIPING DN |
| 6 | GW PIPING UP & DN |
| 7 | SANITARY VENT UP |
| 8 | SANITARY VENT DN |
| 9 | SANITARY VENT UP & DN |
| 10 | CW PIPING UP |
| 11 | CW PIPING DN |
| 12 | CW PIPING UP & DN |
| 13 | HW PIPING UP |
| 14 | HW PIPING DN |
| 15 | HW PIPING UP & DN |
| 16 | HWC PIPING UP |
| 17 | HWC PIPING DN |
| 18 | HWC PIPING UP & DN |
| 19 | CW & HW PIPING UP |
| 20 | CW & HW PIPING DN |
| 21 | CW & HW PIPING UP & DN |
| 22 | GAS PIPING UP |
| 23 | GAS PIPING DN |
| 24 | GAS PIPING UP & DN |
| 25 | STORM PIPING UP |
| 26 | STORM PIPING DN |
| 27 | STORM PIPING UP & DN |
| 28 | OVERFLOW PIPING UP |
| 29 | OVERFLOW PIPING DN |
| 30 | OVERFLOW PIPING UP & DN |
| 31 | OVERFLOW PIPING DOWN AND THRU WALL TO DOWNSPOUT NOZZLE +12" AFG |
| 32 | SANITARY PIPING UP TO PLUMBING FIXTURES |
| 33 | PIPING UP TO CLEANOUT |
| 34 | PIPING UP TO DRAIN |

Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.06.29	BP3: PROMENADE - BULLETIN 02
2021.07.19	RFI-043
2021.07.30	BP3: PROMENADE - BULLETIN 07
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature



Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

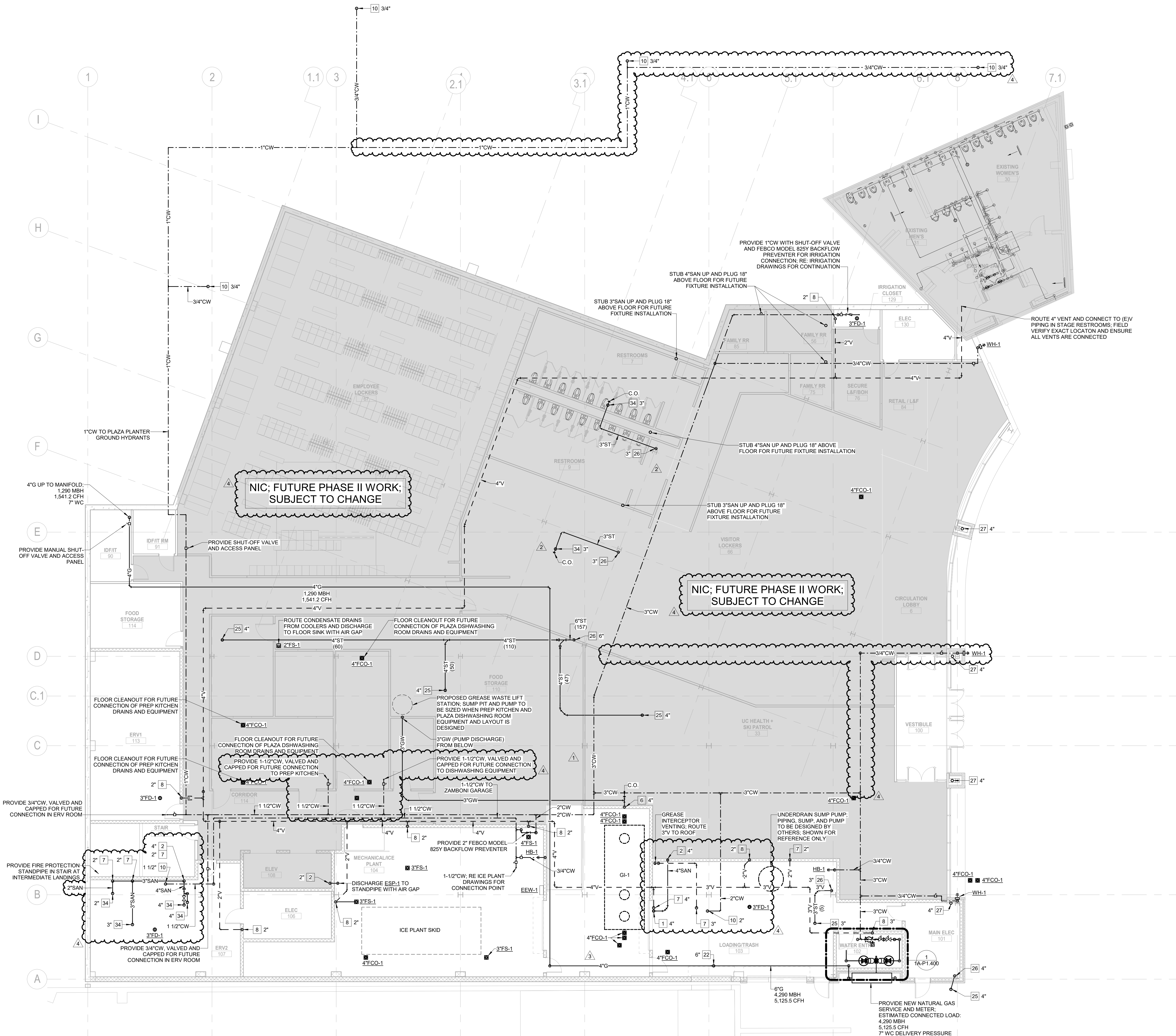
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PROMENADE - PLUMBING PLAN -
LEVEL 00

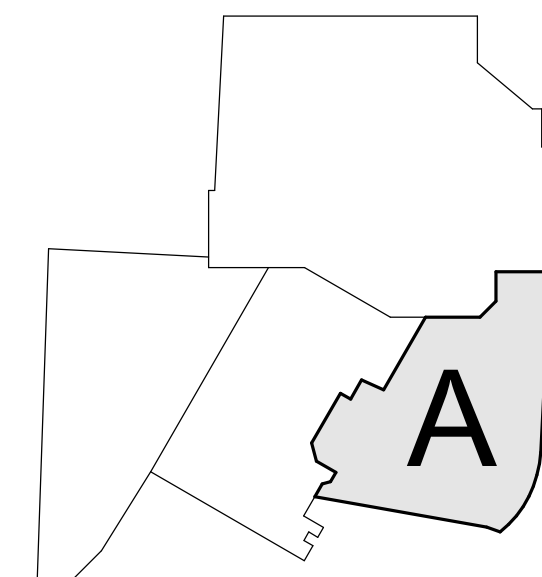
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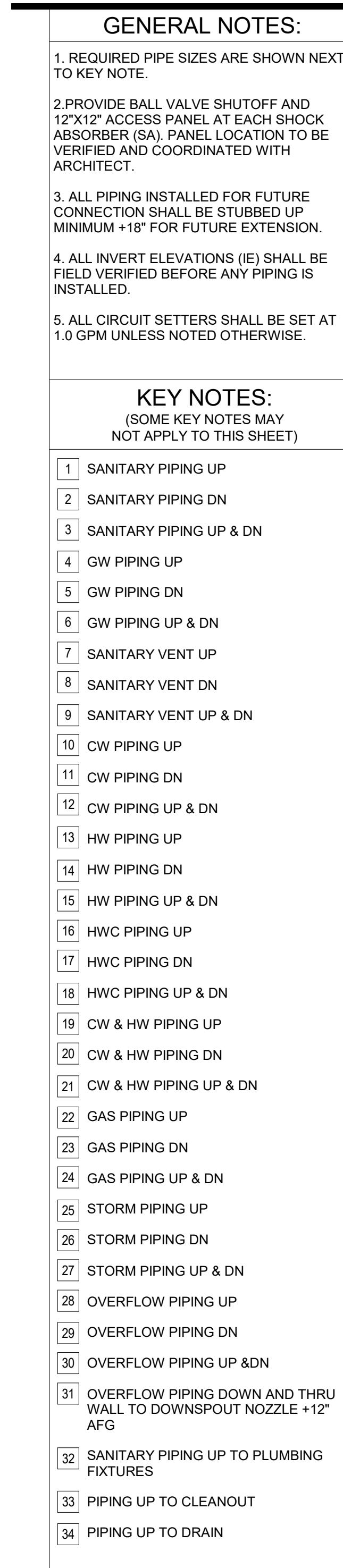
1/8" = 1'-0"

1A-P1.200



KEY PLAN



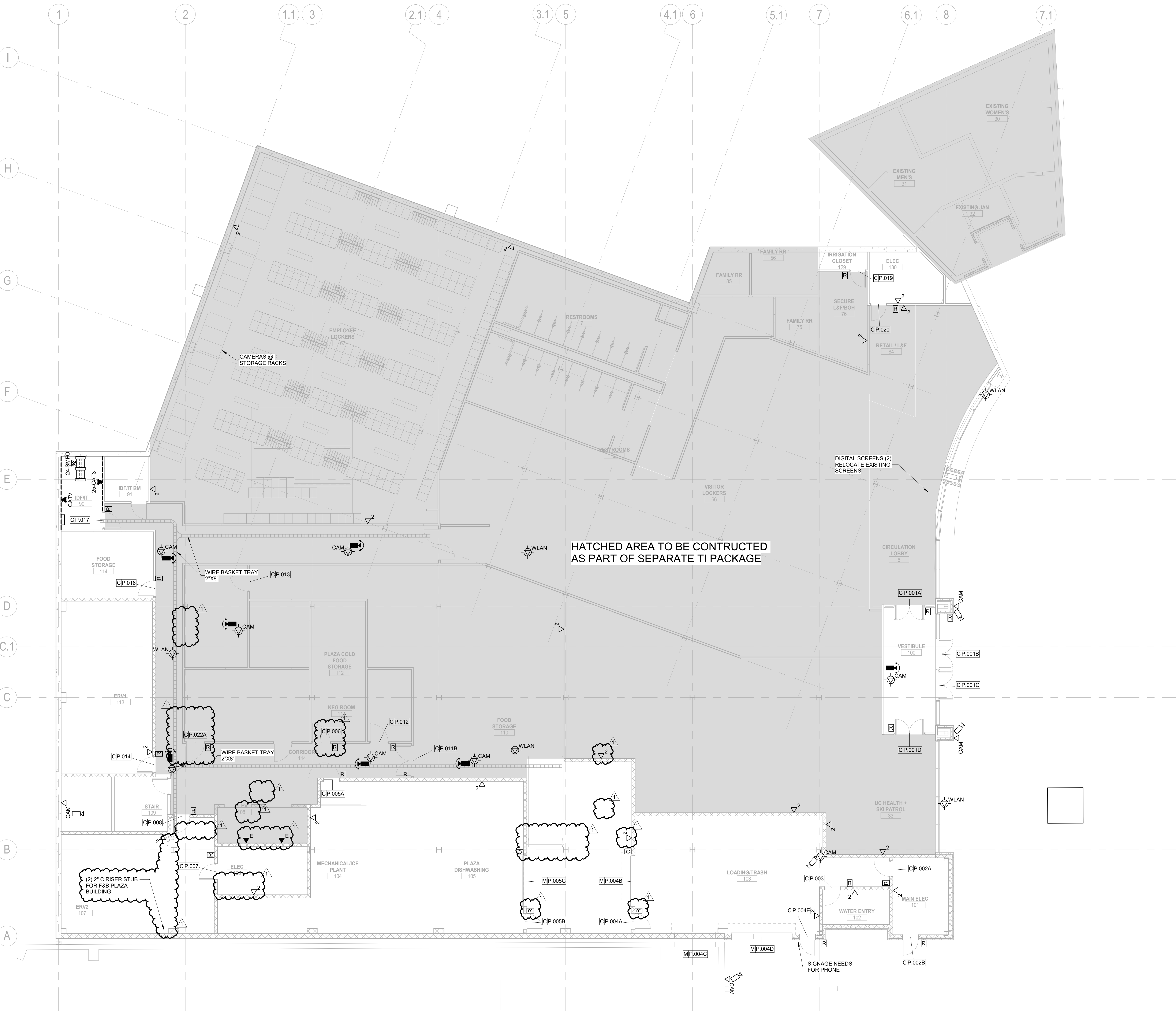


△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.07.19	RFI-043
2	2021.08.06	BP3.PROMENADE - BULLETIN 08



Scale
1/8" = 1'-0"

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GENERAL NOTES:

1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLE, AND DEVICES.
2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW AND APPROVAL. REFER TO TECHNOLOGY DETAILS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR(S) RESPONSIBLE FOR PROVIDING TELEDATA RACEWAY AND/OR CABLE SHALL ENSURE THAT THE PATHWAY (AND CABLE) TO EACH DEVICE LOCATION WITHIN EACH BOUNDARY DOES NOT EXCEED THE HORIZONTAL CABLE LENGTH LIMITATIONS OF 295-FEET, PER WRITTEN SPECIFICATIONS AND TIA/EIA STANDARDS.
4. RACEWAY CONTRACTOR SHALL PROVIDE CONDUIT THROUGH WALLS AND ACROSS INACCESSIBLE CEILING SPACES TO ENSURE UNOBSTRUCTED CABLEING PATHWAYS ARE PROVIDED FROM EACH DEVICE LOCATION BACK TO THE APPROPRIATE IC-ROOM (AS INDICATED BY DIVIDER LINES). RACEWAY CONTRACTOR SHALL COORDINATE PROPOSED ROUTES WITH CABLEING CONTRACTOR DURING THE SHOP DRAWING PROCESS TO ENSURE BOTH PARTIES ARE IN AGREEMENT PRIOR TO SUBMITTING SHOP DRAWINGS OR INITIATING WORK IN THE FIELD.
5. ALL TELE/DATA CABLE ROUTED IN J-HOOKS SHALL BE ROUTED IN DEDICATED J-HOOKS, SEPARATE FROM ALL OTHER LOW VOLTAGE CABLEING SYSTEMS INCLUDING, BUT NOT LIMITED TO, AV, FIRE ALARM, SECURITY, AND CONTROLS CABLEING.

KEYNOTES

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Date	Description
2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
2021.08.06	BP3: PROMENADE - BULLETIN 08

Seal / Signature

Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

Description

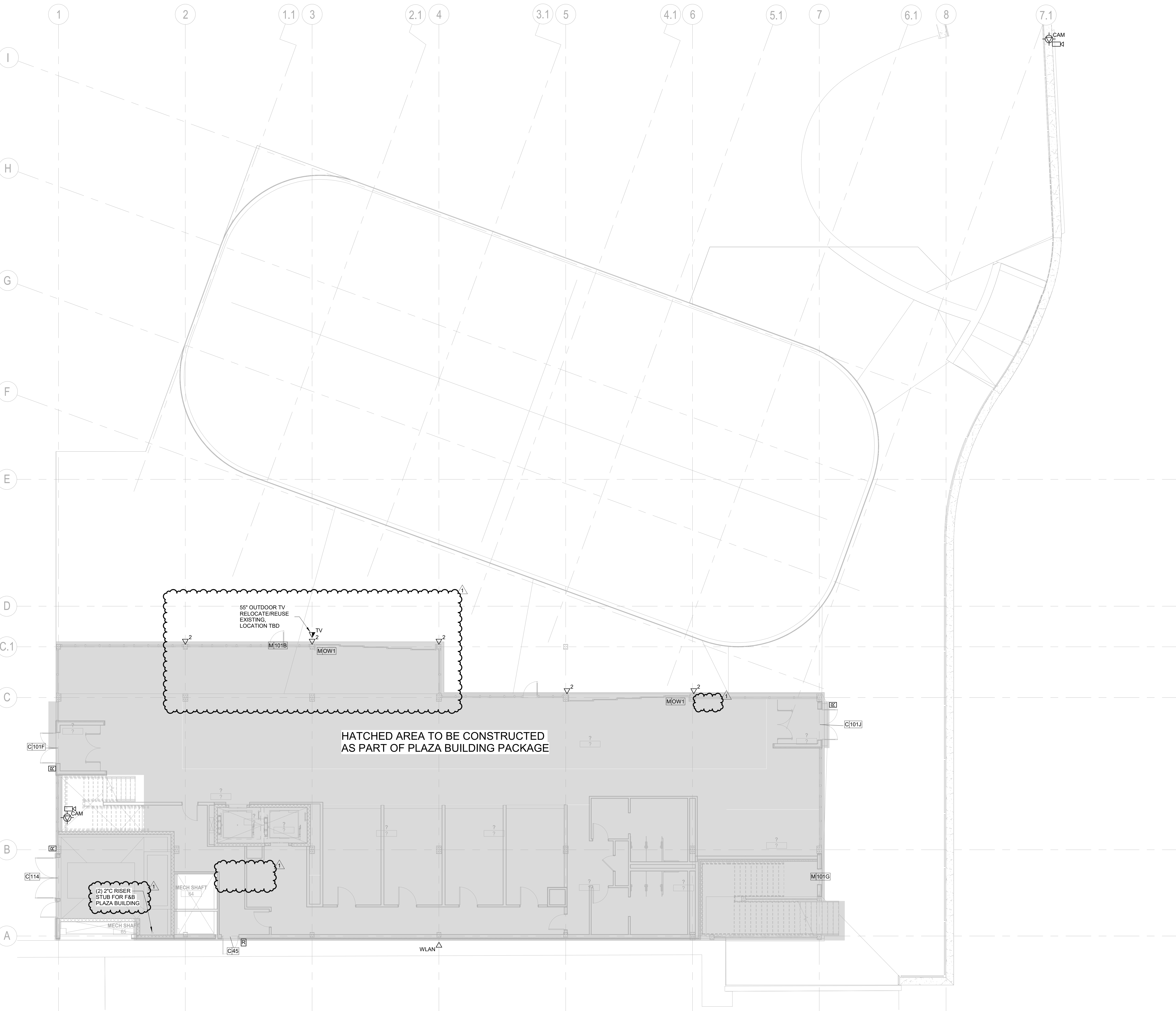
PROMENADE - TECHNOLOGY PLAN -
LEVEL 00

Scale

1/8" = 1'-0"

1A-T1.200

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GENERAL NOTES:

1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW AND APPROVAL. REFER TO TECHNOLOGY DETAILS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

3. CONTRACTOR(S) RESPONSIBLE FOR PROVIDING TELEDATA RACEWAY AND/OR CABLING SHALL ENSURE THAT THE PATHWAY (AND CABLE) TO EACH DEVICE LOCATION WITHIN EACH BOUNDARY DOES NOT EXCEED THE HORIZONTAL CABLE LENGTH LIMITATIONS OF 295-FEET, PER WRITTEN SPECIFICATIONS AND TAKEA STANDARDS.

4. RACEWAY CONTRACTOR SHALL PROVIDE CONDUIT THROUGH WALLS AND ACROSS INACCESSIBLE CEILING SPACES TO ENSURE UNOBSTRUCTED CABLING PATHWAYS ARE PROVIDED FROM EACH DEVICE LOCATION BACK TO THE APPROPRIATE IC-ROOM (AS INDICATED BY DIVIDER LINES). RACEWAY CONTRACTOR SHALL COORDINATE PROPOSED ROUTES WITH CABLING CONTRACTOR DURING THE SHOP DRAWING PROCESS TO ENSURE BOTH PARTIES ARE IN AGREEMENT PRIOR TO SUBMITTING SHOP DRAWINGS OR INITIATING WORK IN THE FIELD.

5. ALL TELE/DATA CABLE ROUTED IN J-HOOKS SHALL BE ROUTED IN DEDICATED J-HOOKS, SEPARATE FROM ALL OTHER LOW VOLTAGE CABLING SYSTEMS INCLUDING, BUT NOT LIMITED TO, AV, FIRE ALARM, SECURITY, AND CONTROLS CABLING.

KEYNOTES

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△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature

Project Name
SSRC | BASE AREA IMPROVEMENTS

Project Number
003.7835.000

Description
PROMENADE - TECHNOLOGY PLAN - LEVEL 01

Scale
1/8" = 1'-0"

1A-T1.201

1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW AND APPROVAL. REFER TO TECHNOLOGY DETAILS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

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△	Date	Description
-	2021.05.19	BP3: PROMENADE - ISSUE FOR BID AND PERMIT
1	2021.08.06	BP3:PROMENADE - BULLETIN 08

Seal / Signature

Project Name

SSRC | BASE AREA
IMPROVEMENTS

Project Number

003.7835.000

Description
PROMENADE - TECHNOLOGY PLAN - LEVEL 02

Scale

$$1/8" = 1'-0"$$

1A-T1.202

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