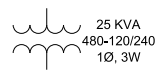
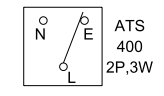



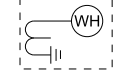

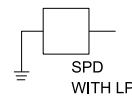




Illinois Tollway Base Sheet Revisions
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Section M	Base Sheet Drawings	
	Drawing	Modification Summary
		Effective: 03-01-2025
	Intermediate Power Distribution and Communication Facility (ITS)-Series 1800	
	M-ITS-1803	Standard IPDC Exterior Elevations
		Added a note to identify Gas Service Meter as shown on Elevation A
		Added at the word "electrical" before " ...service meter..."
	M-ITS-1809	IPDC and Combination Plaza-IPDC Facility Concrete Foundation
		Added a call out to say: "Anchor bolts to be specified by the manufacturer of the building and to be installed by the contractor"
	M-ITS-1810	IPDC and Combination Plaza-IPDC Facility Mechanical Plan
		Revised the HVAC model to BARD W5SAF0A05ZPXXXJ for HVAC-01 and HVAC-02
	M-ITS-1811	IPDC and Plaza-IPDC Combination Facility Lighting and Receptacle Plan
		Clarified and modified the representation of the conduits attached to the junction box, the conduits are not going through the junction box as previous edition

 New Sheet



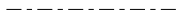








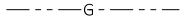
 Retired Standard

SYMBOL LIST	
SYMBOL	DESCRIPTION
	TRANSFORMER 25 KVA DENOTES TRANSFORMER RATING 480-120/240V DENOTES VOLTAGE 1Ø DENOTES 1 PHASE 3W DENOTES 3 WIRE
(A) ①	LEGEND NUMBER FOR CABLE & CONDUIT (SEE CABLE AND CONDUIT SCHEDULES)
	AUTOMATIC TRANSFER SWITCH (ATS) N DENOTES NORMAL SOURCE E DENOTES EMERGENCY SOURCE L DENOTES LOAD 400 DENOTES 400 AMPERE ATS RATING 2P DENOTES 2 POLE 3W DENOTES 3 WIRE
JB OR (J)	JUNCTION BOX
60A 	DISCONNECT SWITCH 60A DENOTES 60 AMPERES
50A 	CIRCUIT BREAKER 50A DENOTES 50 AMPERES
	MANUAL TRANSFER SWITCH 400A DENOTES 400 AMPERES 2PDT DENOTES 2 POLE DOUBLE-THROW
	SELF CONTAINED UTILITY METERING
(G)	STANDBY GENERATOR
	PANEL CIRCUIT BREAKER 30A DENOTES 30 AMPERES 2P DENOTES 2 POLES
(C)	MECHANICALLY HELD LIGHTING COIL
(CR)	CONTROL RELAY COIL
	SURGE PROTECTION DEVICE WITH LIGHTNING PROTECTION
(S)	SMOKE DETECTOR
(M)	DOOR ALARM SWITCH
	EXHAUST FAN
(R) 	GENERATOR RUNNING LIGHT

NOTE TO DESIGNER

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LEGEND

	EXPOSED CONDUIT
	CONDUIT IN SLAB
	UNDERGROUND CONDUIT OR CABLE DUCT
	CONDUIT OR CABLE DUCT IN CASING
	HOME RUN TO PANEL AS NOTED
	INDICATES CIRCUIT TURNING DOWN
	INDICATES CIRCUIT TURNING UP
	INDICATES 'LB' OR PULL BOX
	GROUND ROD
	GROUNDING TRIAD
	EXPOSED GROUND CONDUCTOR
	UNDERGROUND GROUND CONDUCTOR

ABBREVIATIONS	
AFF	ABOVE FINISH FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
CCTV	CLOSED CIRCUIT TELEVISION
EX	EXISTING
FAP	FIRE ALARM PANEL
GCS	GENERATOR CONTROL SWITCH
GRD	GROUND
GFI	GROUND FAULT INTERRUPTER
HH	HANDHOLE
IPDC	INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION
JB	JUNCTION BOX
LC	LINE CONDITIONER
LP	LIGHTNING PROTECTION
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUG ONLY
MMF	MULTI-MODE FIBER
MSD	MAIN SERVICE DISCONNECT
MTS	MANUAL TRANSFER SWITCH
PR	PROPOSED
SHLD	SHIELDED
SMF	SINGLE MODE FIBER
SPD	SURGE PROTECTION DEVICE
TSIC	TERMINAL STRIP INTERCONNECT CENTER
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
UPS	UNINTERRUPTIBLE POWER SUPPLY
VPJB	VIDEO POWER JUNCTION BOX
WP	WEATHERPROOF
XFMR	TRANSFORMER



IPDC-LEGEND ABBREV AND SCHEDULES

IPDC FACILITY COMMUNICATIONS AND GROUNDING CABLE/CONDUIT SCHEDULE

SYMBOL	CABLE DESCRIPTION	REMARKS
①	1-6PR #22 SHLD	
②	1-3/C #12 SHLD	NOTE 2
③	1-3PR #22 SHLD	
④	1-4/C #12 SHLD	NOTE 1 & 2
⑤	2-1/C #12, 1-1/C #12 (GRD)	NOTE 1
⑥	1-1/C #6 (GRD)	
⑦	1-9/C #12 SHLD	NOTE 1 & 2
⑧	1-3/C #16 SHLD	NOTE 3
⑨	1PR #22 SHLD	NOTE 1
⑩	1-4PR #24 (RS-422)	NOTE 4
⑪	1-9/C #22 IND SHLD	
⑫	1-1/C #4/0 (GRD BUS)	
⑬	1-1/C #8 (GRD)	
⑭	1-1/C #2 (GRD)	
⑮	1-4PR #24 (CATEGORY 6)	NOTE 4

IPDC FACILITY POWER CABLE/CONDUIT SCHEDULE

SYMBOL	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	REMARKS
⑩1	3-1/C 500 MCM	4	
⑩2	3-1/C 500 MCM 1-1/C #4 (GRD)	4	
⑩3	3-1/C #3/0 1-1/C #6 (GRD)	2	
⑩4	3-1/C #10 1-1/C #10 (GRD)	3/4	
⑩5	4-1/C #10 1-1/C #10 (GRD)	3/4	
⑩6	2-1/C #12 1-1/C #12 (GRD)	NOTE 5	
⑩7	3-1/C #12 1-1/C #12 (GRD)	NOTE 5	
⑩8	4-1/C #12 1-1/C #12 (GRD)	NOTE 5	
⑩9	5-1/C #12 1-1/C #12 (GRD)	NOTE 5	
⑪0	5-1/C #12 1-1/C #12 (GRD)	NOTE 5	
⑪1	6-1/C #12 1-1/C #12 (GRD)	1	
⑪2	7-1/C #12 1-1/C #12 (GRD)	1	
⑪3	6-1/C #22 SHLD	1	SECURITY-CARD ACCESS
⑪4	2-1/C #8 1-1/C #8 (GRD)	1	
⑪5	3-1/C #2 1-1/C #8 (GRD)	2	
⑪6	2-1/C #2 1-1/C #8 (GRD)	2	
⑪7	2-1/C #1 1-1/C #6 (GRD)	2	
⑪8	3-1/C #3/0 1-1/C #6 (GRD)		AERIAL
⑪9	3-1/C #1 1-1/C #6 (GRD)	2	

NOTES:

- EXPOSED CONDUIT SHALL BE A MINIMUM OF 3/4". EMBEDDED OR UNDERGROUND CONDUIT SHALL BE A MINIMUM OF 1".
- MULTI-CONDUCTOR SHIELDED CABLE #12 AWG SHALL BE COLOR CODED AS SPECIFIED IN THE ILLINOIS TOLLWAY SPECIAL PROVISION "INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY ELECTRICAL WORK."
- MULTI-CONDUCTOR SHIELDED CABLE #14 AWG THROUGH #18 AWG FOR CONTROL USE SHALL BE COLOR CODED PER ICEA-NEC (K-2) STANDARD.
- PROVIDE SURGE PROTECTION ADAPTERS FOR ALL RS-422 AND CATEGORY 6 CABLES ENTERING THE IPDC FACILITY. IN-LINE 485 ADAPTERS MUST BE INSTALLED AT ALL CONNECTIONS TO THE CISCO SWITCH. THE TVSS ADAPTER FOR RS-422 CABLES SHALL BE PHOENIX CONTACT (OR EQUIVALENT) DATATRAB D-UFB-V11/BS-B. THE TVSS ADAPTER FOR CATEGORY 6 CABLES SHALL BE PHOENIX CONTACT (OR EQUIVALENT) DATATRAB D-LAB-CAT-6+.
- ELEVATION WITH A MINIMUM MOUNTING HEIGHT AS INDICATED IN THE LIGHTING FIXTURE SCHEDULE.
- CONDUCTORS FROM IPDC FACILITY TO ITS DEVICES TO BE INSTALLED IN FUTURE CONTRACT AND ARE ONLY SHOWN FOR REFERENCE FOR ROADWAY CONTRACTS.
- ALL CONDUIT AND CONDUCTORS SHOWN IN SCHEDULES MAY NOT NECESSARILY BE UTILIZED FOR ROADWAY CONTRACTS. ALL CONDUIT AND CONDUCTORS ARE INCLUDED IN SCHEDULES TO MAINTAIN CONSISTENCY BETWEEN ROADWAY AND ITS CONTRACTS.

IPDC FACILITY TO REMOTE DEVICE CABLE/CONDUIT SCHEDULE

SYMBOL	CABLE DESCRIPTION	CONDUIT SIZE (INCHES)	REMARKS
①	NOT USED	-	DO NOT USE
②	2-1/C #6 1-1/C #8 (GRD)	NOTE 6	
③	2-1/C #4 1-1/C #6 (GRD)	NOTE 6	
④	2-1/C #2 1-1/C #6 (GRD)	NOTE 6	
⑤	2-1/C #1 1-1/C #4 (GRD)	NOTE 6	
⑥	2-1/C #1/0 1-1/C #4 (GRD)	NOTE 6	
⑦	2-1/C #2/0 1-1/C #4 (GRD)	NOTE 6	
⑧	2-1/C #3/0 1-1/C #2 (GRD)	NOTE 6	
⑨	2-1/C #4/0 1-1/C #2 (GRD)	NOTE 6	
⑩	2-1/C 250 Kcmil 1-1/C #2 (GRD)	NOTE 6	
⑪	2-1/C 350 Kcmil 1-1/C #1 (GRD)	NOTE 6	
⑫	2-1/C #8 1-1/C #10 (GRD)	NOTE 6	

WIRING DEVICE SCHEDULE

SYMBOL	DESCRIPTION	RATING	MFR. AND CAT. NO.	MOUNTING HEIGHT
\$	SINGLE-POLE SWITCH	20A, 120V	HUBBELL #HBL1221	4'-0"
⊖ #	DUPLEX RECEPTACLE (# = BREAKER)	20A, 120V	HUBBELL #HBL5362	18" AS NOTED
⊕ #	QUAD RECEPTACLE (# = BREAKER)	20A, 120V	(2) HUBBELL #HBL5362	18" AS NOTED
⊖ ^C	3P, 3W, WEATHERPROOF RECEPTACLE WITH SPRING DOOR, BACK BOX, & ANGLE ADAPTER	400A, 600V	CROUSE-HINDS "ARKTITE" SERIES #AREX40318	3'-0" ABOVE GRADE
⊖ ^B	3P, 3W, WEATHERPROOF RECEPTACLE WITH SPRING DOOR & BACK BOX	30A, 600V	CROUSE-HINDS "ARKTITE" SERIES #ARE3313	3'-0" ABOVE GRADE
⊖ ^{WP} GFI #	WEATHERPROOF DUPLEX RECEPTACLE WITH GROUND FAULT PROTECTION (# = BREAKER)	20A, 120V	HUBBELL #GFR5362SG	3'-0" ABOVE GRADE
⊖ ^A	3P, 3W, WEATHERPROOF RECEPTACLE	30A, 240V		3'-0" ABOVE GRADE

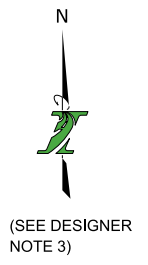
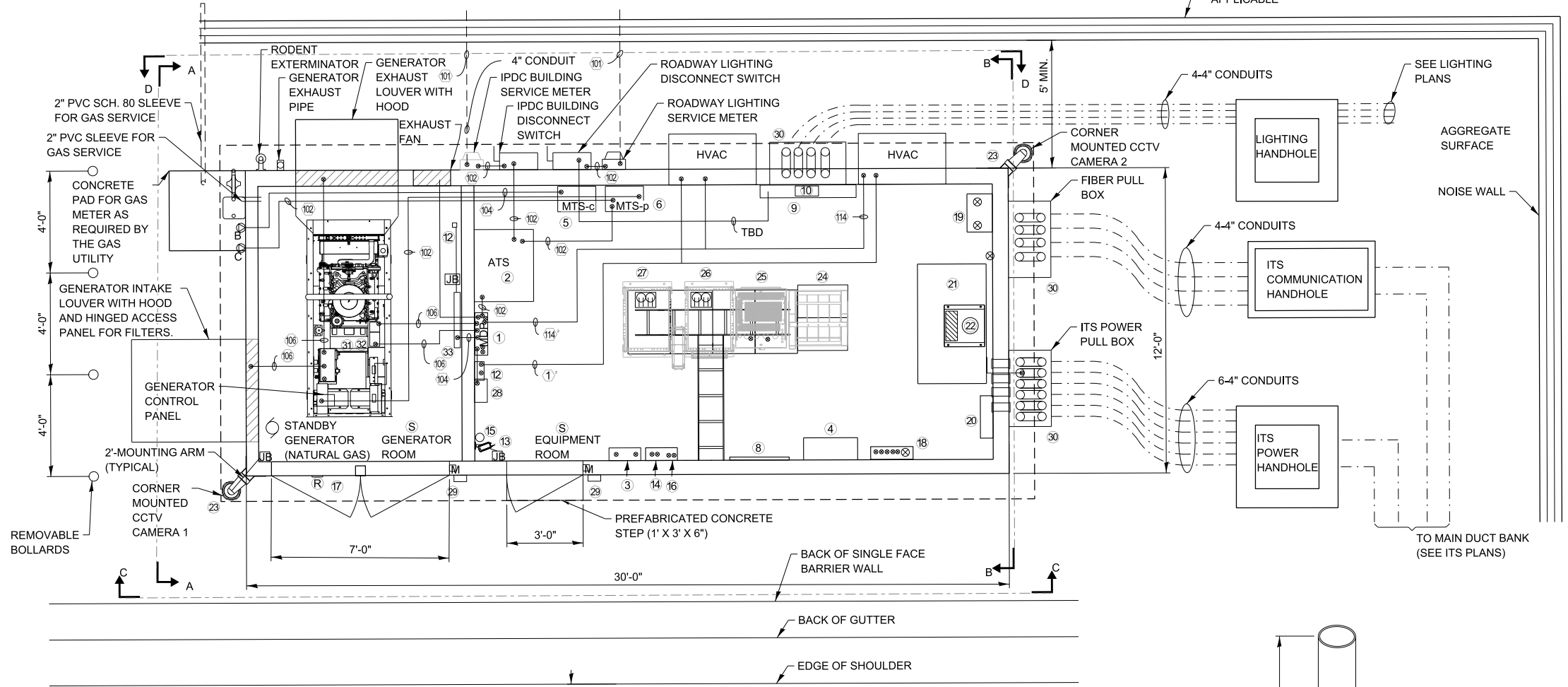
LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	VOLTAGE	LAMPS	MFR. AND CAT. NO.	REMARKS
A	IPDC FACILITY INTERIOR LIGHTING 4' INDUSTRIAL LED FIXTURE	120 V	LED	ATLAS LIGHTING ILW48LED4D	MOUNT 8' ABOVE FINISHED FLOOR
B	COMPACT WALL-MOUNTED LED EXTERIOR FIXTURE WITH WIRE GUARD & SINGLE FACTORY INSTALLED FUSE	120 V	LED	HOLOPHANE W4GLEDD10C100040KT3- M120SFTBWGBZ	MOUNT 9'-0" ABOVE FINISHED GRADE (NOTE 6)
C	EMERGENCY LIGHT UNIT WITH 2-1 WATT, LED LAMPS	120 V	2-1 WATT LED	H.E. WILLIAMS EMER/LED WHTSDT	MOUNT 8' ABOVE FINISHED FLOOR

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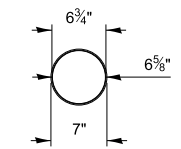
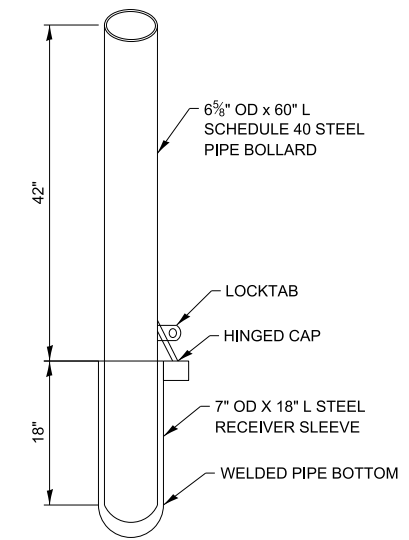
IPDC FACILITY CABLE-CONDUIT SCHEDULE AND NOTES



- NOTES TO DESIGNER**
- INSTALLATION OF A GANTRY AT EACH IPDC FACILITY IS TYPICAL, BUT SHALL BE CONFIRMED WITH THE ILLINOIS TOLLWAY BY THE DESIGNER.
 - DIRECTIONAL INDICATIONS USED ON THIS SHEET ASSUME THE IPDC FACILITY IS INSTALLED ALONG THE WESTBOUND DIRECTION, THE DESIGNER SHALL ADJUST ACCORDINGLY BASED ON THE ACTUAL PLACEMENT OF THE IPDC FACILITY.
 - THE BATTERY RACK AND HVAC EQUIPMENT SHOWN ON THESE BASE SHEETS ARE BASED ON A 30-MINUTE BATTERY RUNTIME. THE DESIGNER SHALL RESIZE AS REQUIRED IF A LONGER BATTERY RUNTIME IS SELECTED.
 - DOORS SHALL SWING OPEN 170° AND HAVE A MECHANISM TO LOCK THE DOOR IN AN OPEN POSITION.

IPDC FACILITY SITE PLAN
NOT TO SCALE

- NOTE TO DESIGNER**
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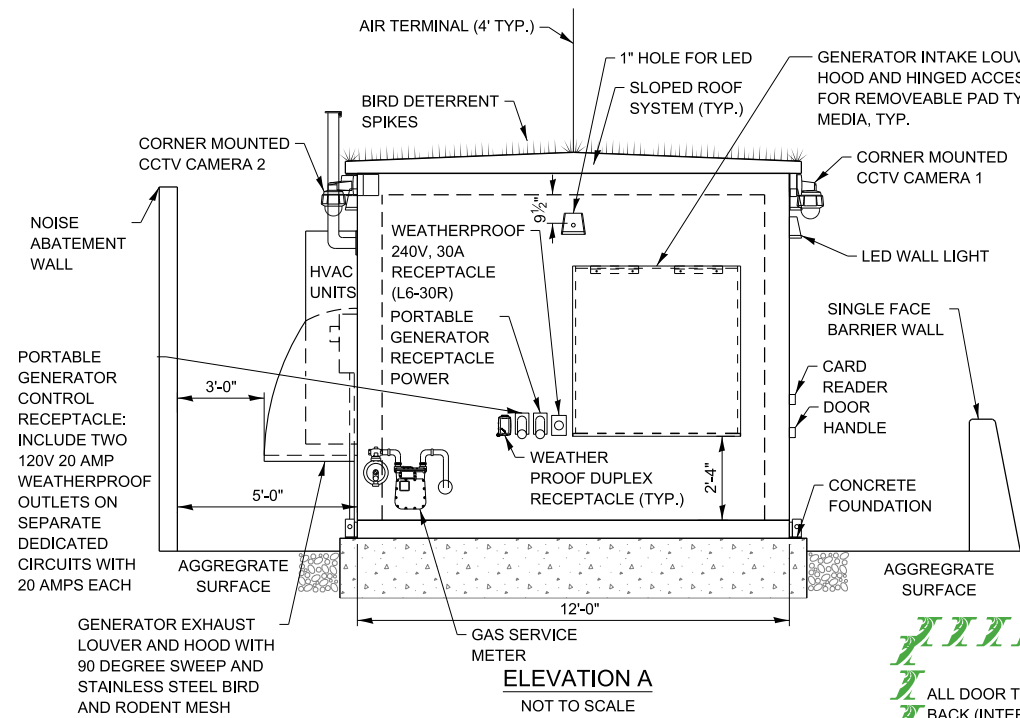
6" X 60" REMOVABLE LOCKABLE STEEL BOLLARD

- NOTES:**
- SEE SPECIAL PROVISIONS FOR REQUIREMENTS ASSOCIATED WITH IPDC FACILITY PREFABRICATED BUILDING.
 - CONTRACTOR SHALL SEAL DOOR OPENING, DOOR FRAMING, AND ANY PROTRUSION/ACCESS CUT THROUGH BUILDING WALLS AGAINST RODENT OR PEST INFESTATION OR ACCESS, TO THE SATISFACTION OF THE ENGINEER.
 - INSTALL REMOVABLE STAINLESS STEEL BOLLARDS WITH YELLOW REFLECTIVE TAPE TO PROTECT THE HVAC UNITS AND BUILDING.
 - ALL 120/240v OUTLETS ON THE UPS SYSTEM MUST BE ORANGE IN COLOR

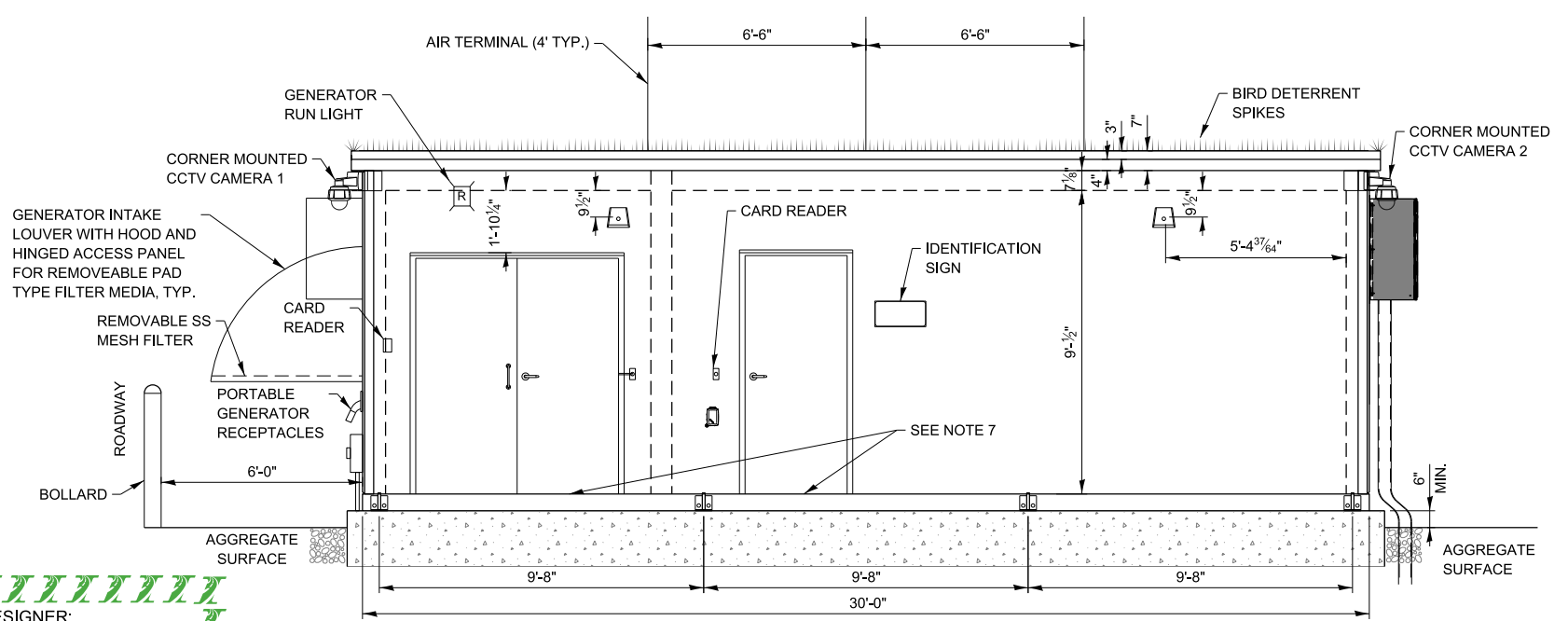
Illinois Tollway

IPDC FACILITY SITE PLAN

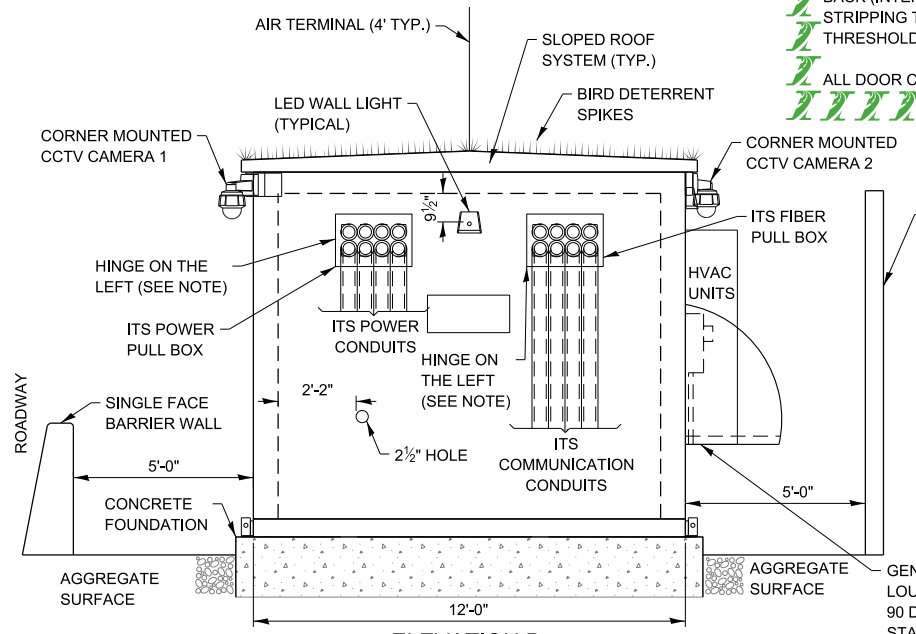
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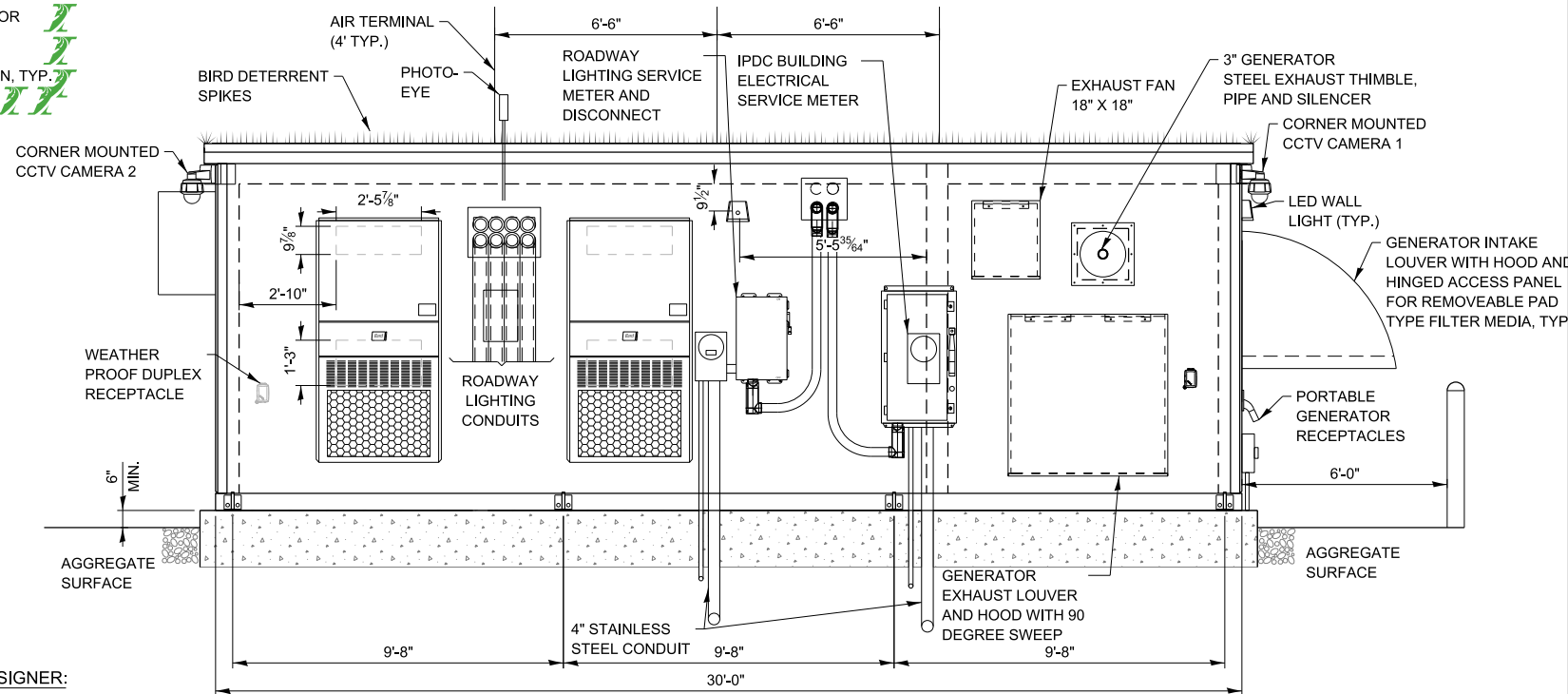
ELEVATION A
NOT TO SCALE



ELEVATION C
NOT TO SCALE



ELEVATION B
NOT TO SCALE



ELEVATION D
NOT TO SCALE

NOTE TO DESIGNER:
 ALL DOOR THRESHOLDS TO HAVE A VERTICAL LEG AT THE BACK (INTERIOR) SIDE OF THE DOOR WITH WEATHER STRIPPING TO PREVENT WATER INTRUSION. FLAT DOOR THRESHOLDS ARE NOT ACCEPTABLE, TYP.
 ALL DOOR CLOSERS TO HAVE A HOLD-OPEN FUNCTION, TYP.

NOTE TO DESIGNER:
 AIR TERMINAL RODS ARE TO BE INSTALLED AND FIXED TO ROOF WITHOUT INTERFERING WITH THE INTEGRITY OF THE STRUCTURE

NOTE TO DESIGNER:

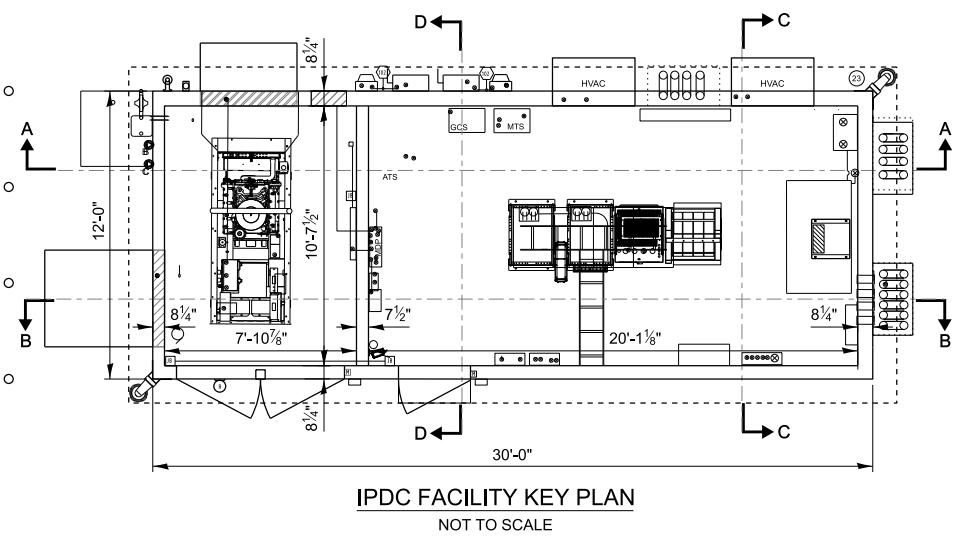
IN ORDER TO PREVENT WATER INTRUSION, ALL THROUGH-WALL OPENINGS SHALL BE PROPERLY & COMPLETELY FLASHED, PRIOR TO THE EQUIPMENT BEING INSTALLED TO THE BUILDING (HVAC UNITS, HOODS, LOUVERS, GENERATOR EXHAUST THIMBLES, AND ALL OTHER THROUGH-WALL ITEMS). THE THROUGH-WALL OPENINGS SHALL HAVE FLASHING DETAILS SIMILAR TO STANDARD WINDOW OPENING DETAILS, WITH FULLY WRAPPED FLASHINGS AT THE HEAD AND JAMBS, AND A WATER DAM AT THE SILL. FLUSH FLANGE MOUNTING EQUIPMENT ON THE EXTERIOR IS NOT ACCEPTABLE.

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NOTES:

- SEE STANDARD IPDC BUILDING FLOOR PLAN FOR PLAN VIEW.
- THIS DRAWING APPLIES TO IPDC-01 AND IPDC-05.
- EQUIPMENT SHOWN IN GRAY SCALE IS EXISTING.
- PRIOR TO INSTALLING THE EXTERIOR WALL PANELS, THE ENTIRE SURFACE OF THE EXTERIOR WALL SHEATHING SHALL BE COVERED WITH AN APPROVED AIR AND WATER BARRIER.
- ALL SEALANTS SHALL BE ONE-PART POLYURETHANE SEALANTS; ALL SEALANT JOINTS SHALL BE MECHANICALLY STRUCK FOR THE FINISH SURFACE; SILICONE CAULK IS NOT PERMITTED.
- THE ENTIRE PERIMETER AT THE BOTTOM OF THE EXTERIOR WALLS SHALL HAVE A DRIP FLASHING TO PROTECT THE BOTTOM EDGE OF THE EXTERIOR WALL SHEATHING FROM WATER DAMAGE.
- ALL DOORS SHALL BE FLASHED WITH A CONTINUOUS HEAD FLASHING, AND A RAIN DRIP TRIM MOUNTED ON THE HEAD OF THE DOOR FRAME, A RAIN DRIP TRIM SHALL ALSO BE MOUNTED AT THE BOTTOM OF THE DOOR TO PROTECT THE FRONT EDGE OF THE DOOR THRESHOLD.
- IN ORDER TO PREVENT WATER INTRUSION, THE ROOF SHALL HAVE A MINIMUM OF 4" OVERHANG PAST THE EXTERIOR FACE OF THE EXTERIOR WALLS (ALL SIDES OF THE BUILDING) AND HAVE A DRIP EDGE FLASHING ALONG THE ENTIRE PERIMETER OF THE BOTTOM OF THE FASCIA.
- ALL EXTERIOR PANEL JOINTS SHALL BE FILLED WITH ONE PART POLYURETHANE SEALANT AND COVERED BY A BATTEN TYPE JOINT COVER TRIM.
- ALL INTAKE HOODS FOR GENERATORS SHALL HAVE A HINGED BOTTOM PANEL FOR REPLACEABLE PAD TYPE FILTER MEDIA. EXHAUST HOODS ONLY NEED 1/4" SQUARE STAINLESS STEEL MESH TO PREVENT BIRDS AND RODENTS ENTERING.
- IN ORDER TO PREVENT WATER INTRUSION, THE ROOF SHALL HAVE A MINIMUM OF 4" OVERHANG PAST THE EXTERIOR FACE OF THE EXTERIOR WALLS (ALL SIDES OF THE BUILDING) AND HAVE A DRIP EDGE FLASHING ALONG THE ENTIRE PERIMETER OF THE BOTTOM OF THE FASCIA.

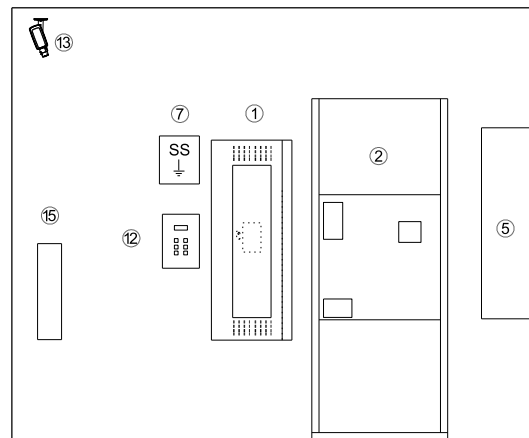
NOTE:
 ALL SS JUNCTION BOXES SHALL HAVE THE LID HINGE MOUNTED ON THE LEFT SIDE SO THE BOXES OPEN FROM RIGHT TO LEFT, TYP.



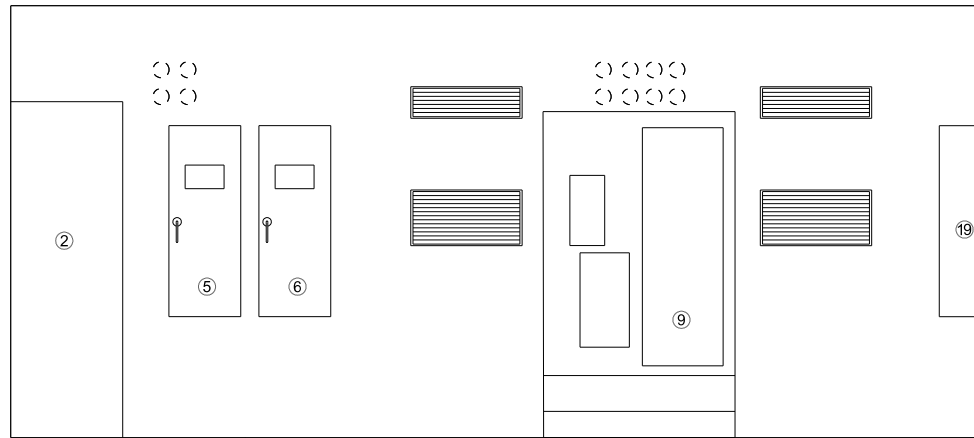
IPDC FACILITY KEY PLAN
NOT TO SCALE



STANDARD IPDC EXTERIOR ELEVATIONS

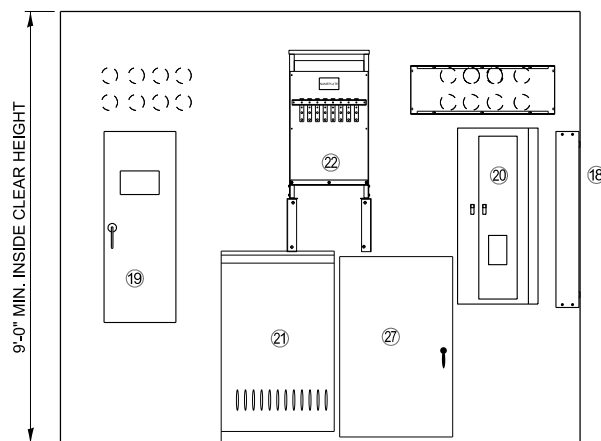


SECTION A-A
NOT TO SCALE

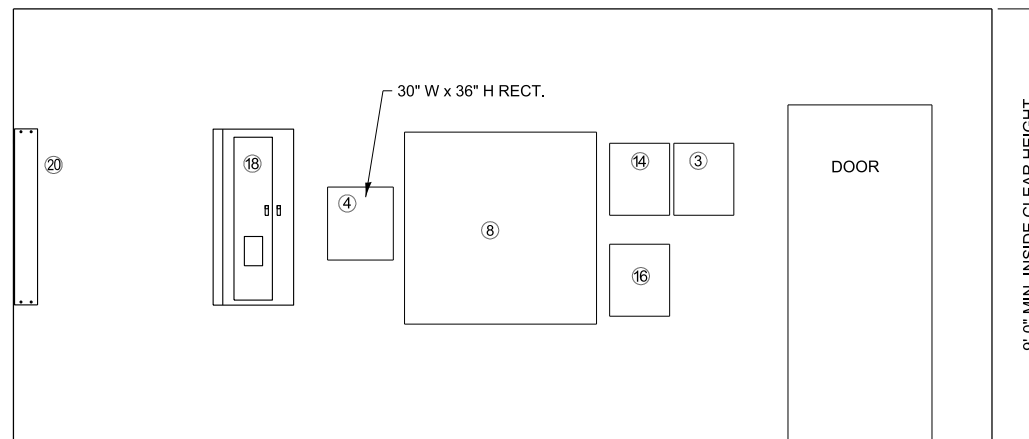


INTERIOR FINISHED FLOOR ELEVATION

SECTION C-C
NOT TO SCALE



SECTION B-B
NOT TO SCALE



INTERIOR FINISHED FLOOR ELEVATION

SECTION D-D
NOT TO SCALE

LEGEND

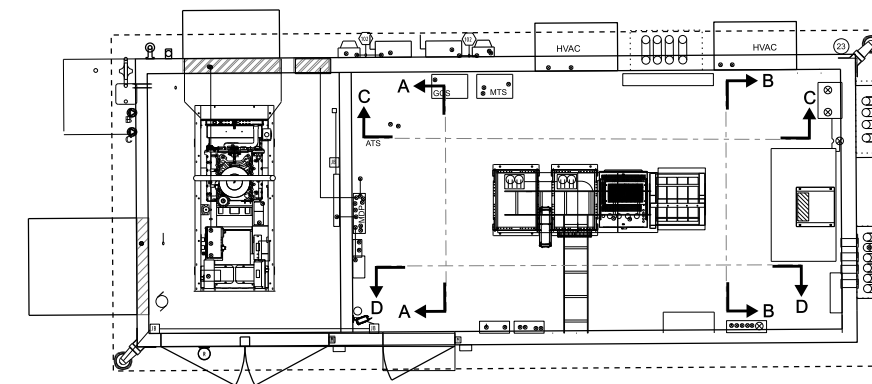
- ① MAIN DISTRIBUTION PANELBOARD
- ② AUTOMATIC TRANSFER SWITCH
- ③ FIRE ALARM PANEL
- ④ VPJB
- ⑤ MANUAL TRANSFER SWITCH - CONTROLS
- ⑥ MANUAL TRANSFER SWITCH - POWER
- ⑦ SURGE SUPPRESSOR
- ⑧ 4' x 4' WALLBOARD PAINTED WHITE OR BEIGE
- ⑨ ROADWAY LIGHTING CONTROLLER
- ⑩ HVAC CONTROL
- ⑪ ELECTRIC HEATER
- ⑫ THERMOSTAT
- ⑬ INTERIOR SECURITY CAMERA CCTV 1
- ⑭ HIRSCH PANEL
- ⑮ FIRE EXTINGUISHER
- ⑯ CARD READER PANEL
- ⑰ GENERATOR RUNNING LIGHT
- ⑱ UPS-1 PANELBOARD
- ⑲ UPS/LC MTS
- ⑳ UPS-2 PANELBOARD
- ㉑ ITS LINE CONDITIONER
- ㉒ ITS STEP UP TRANSFORMER
- ㉓ VES WASH SYSTEMS CABINET

NOTES:

1. CONTRACTOR SHALL SEAL DOOR OPENING, DOOR FRAMING, AND ANY PROTUSION/ACCESS CUT THROUGH BUILDING WALLS AGAINST RODENT OR PEST INFESTATION OR ACCESS, TO THE SATISFACTION OF THE ENGINEER.
2. ALL CABINET DOORS SHALL BE ABLE TO OPEN 90 DEGREES MIN. TO ALLOW FOR PARTS REPLACEMENT, TYP.
3. EQUIPMENT SHOWN IN GRAYSCALE IS EXISTING.
4. ALL CABINET DOORS SHALL BE ABLE TO OPEN 90 DEGREES MIN. TO ALLOW FOR PARTS REPLACEMENT, TYP.
5. IT IS RECOMMENDED TO USE TREATED PLYWOOD FOR THE SHEATHING OF THE ROOF, FLOOR, WALLS, TYP.
6. IT IS RECOMMENDED TO USE COLD FORMED METAL FRAMING FOR THE FLOOR, ROOF, & WALLS IN LIEU OF WOOD FRAMING, TYP.

NOTE TO DESIGNER

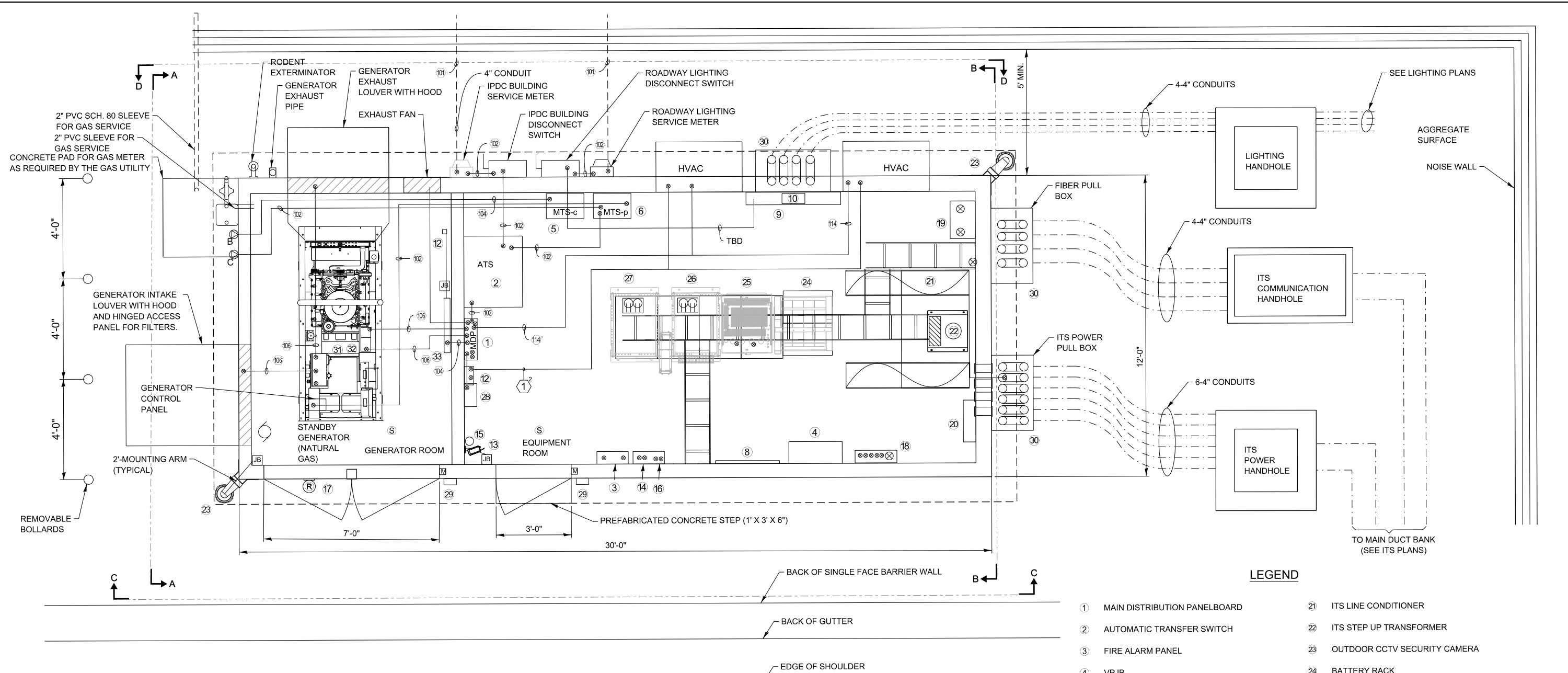
THIS BASE SHEET SHOWS TYPICAL CONSTRUCTION BUT IT IS NOT A STANDARD DRAWING. IT REQUIRES COMPLETION BY THE DESIGNER PRIOR TO INSERTION INTO A CONTRACT. MICROSTATION FILES AND THE "CADD STANDARDS MANUAL" ARE AVAILABLE ON THE ILLINOIS TOLLWAY WEBSITE. THE DESIGNER SHALL ACCEPT THE RESPONSIBILITY OF THE DESIGN OF THIS SHEET UPON ITS COMPLETION AND INSERTION INTO A CONTRACT. ALL "NOTE TO DESIGNER" BOXES SHALL BE REMOVED BY THE DESIGNER PRIOR TO INSERTION OF THE SHEET INTO THE PLAN SET.



IPDC FACILITY SITE PLAN
NOT TO SCALE



STANDARD IPDC BUILDING INTERIOR ELEVATIONS



NOTE TO DESIGNER

STANDARD IPDC BUILDING SHOWN.

THE IPDC BUILDING SHALL HAVE A MINIMUM OF 5' AREA AROUND THE ENTIRE BUILDING WITH A MINIMUM OF 1.5% SLOPE AWAY FROM THE BUILDING.

CONDUIT/CABLES CALLED OUT AS "TBD" SHALL BE SIZED BY THE LIGHTING DESIGNER.

- NOTES:**
- CONTRACTOR SHALL SEAL DOOR OPENING, DOOR FRAMING, AND ANY PROTRUSION/ACCESS CUT THROUGH BUILDING WALLS AGAINST RODENT OR PEST INFESTATION OR ACCESS, TO THE SATISFACTION OF THE ENGINEER.
 - SMOKE DETECTOR AND FIRE ALARM STATION CONDUIT/CABLES NOT SHOWN FOR CLARITY.
 - PROVIDE AN AUTOMATIC RODENT EXTERMINATOR SYSTEM INSIDE BOTH ROOMS, TYP.
 - THE CONTRACTOR SHALL INSTALL THE GENERATOR INSIDE THE IPDC BUILDING WITH A MANUFACTURER'S REPRESENTATIVE PRESENT TO VERIFY ANY REQUIRED DISASSEMBLY AND REASSEMBLY IS COMPLETED PER MANUFACTURER'S RECOMMENDATIONS ENSURING ALL WARRANTIES ARE MAINTAINED
 - ALL 120/240v OUTLETS ON THE UPS SYSTEM MUST BE ORANGE IN COLOR



IPDC FACILITY SITE PLAN
NOT TO SCALE

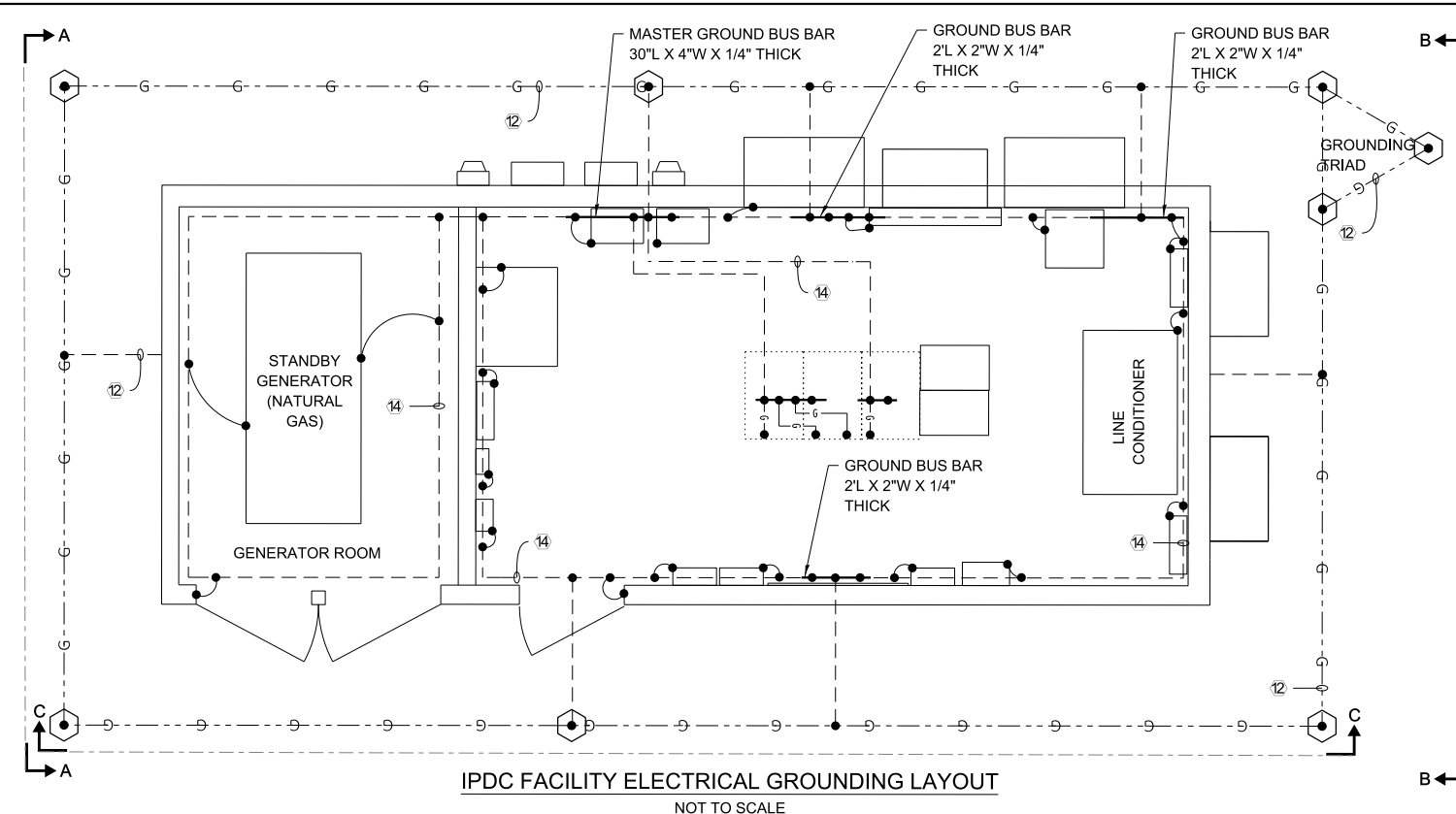
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- LEGEND**
- | | |
|-------------------------------------|---------------------------------|
| ① MAIN DISTRIBUTION PANELBOARD | ②① ITS LINE CONDITIONER |
| ② AUTOMATIC TRANSFER SWITCH | ②② ITS STEP UP TRANSFORMER |
| ③ FIRE ALARM PANEL | ②③ OUTDOOR CCTV SECURITY CAMERA |
| ④ VPJB | ②④ BATTERY RACK |
| ⑤ MANUAL TRANSFER SWITCH - CONTROLS | ②⑤ UPS RACK |
| ⑥ MANUAL TRANSFER SWITCH - POWER | ②⑥ RACK 2 |
| ⑦ SURGE SUPPRESSOR | ②⑦ RACK 1 |
| ⑧ 4' x 4' WALLBOARD | ②⑧ SURGE PROTECTIVE DEVICE |
| ⑨ ROADWAY LIGHTING CONTROLLER | ②⑨ CARD READER |
| ⑩ HVAC CONTROL | ③① NEMA 4X PULL BOXES |
| ⑪ ELECTRIC HEATER | ③② BATTERY CHARGER |
| ⑫ THERMOSTAT | ③③ GENERATOR JACKET HEATER |
| ⑬ INTERIOR SECURITY CAMERA CCTV 1 | ③④ ELECTRIC HEATER |
| ⑭ HIRSCH PANEL | |
| ⑮ FIRE EXTINGUISHER | |
| ⑯ CARD READER PANEL | |
| ⑰ GENERATOR RUNNING LIGHT | |
| ⑱ UPS-1 PANELBOARD | |
| ⑲ UPS/LC MTS | |
| ⑳ UPS-2 PANELBOARD | |

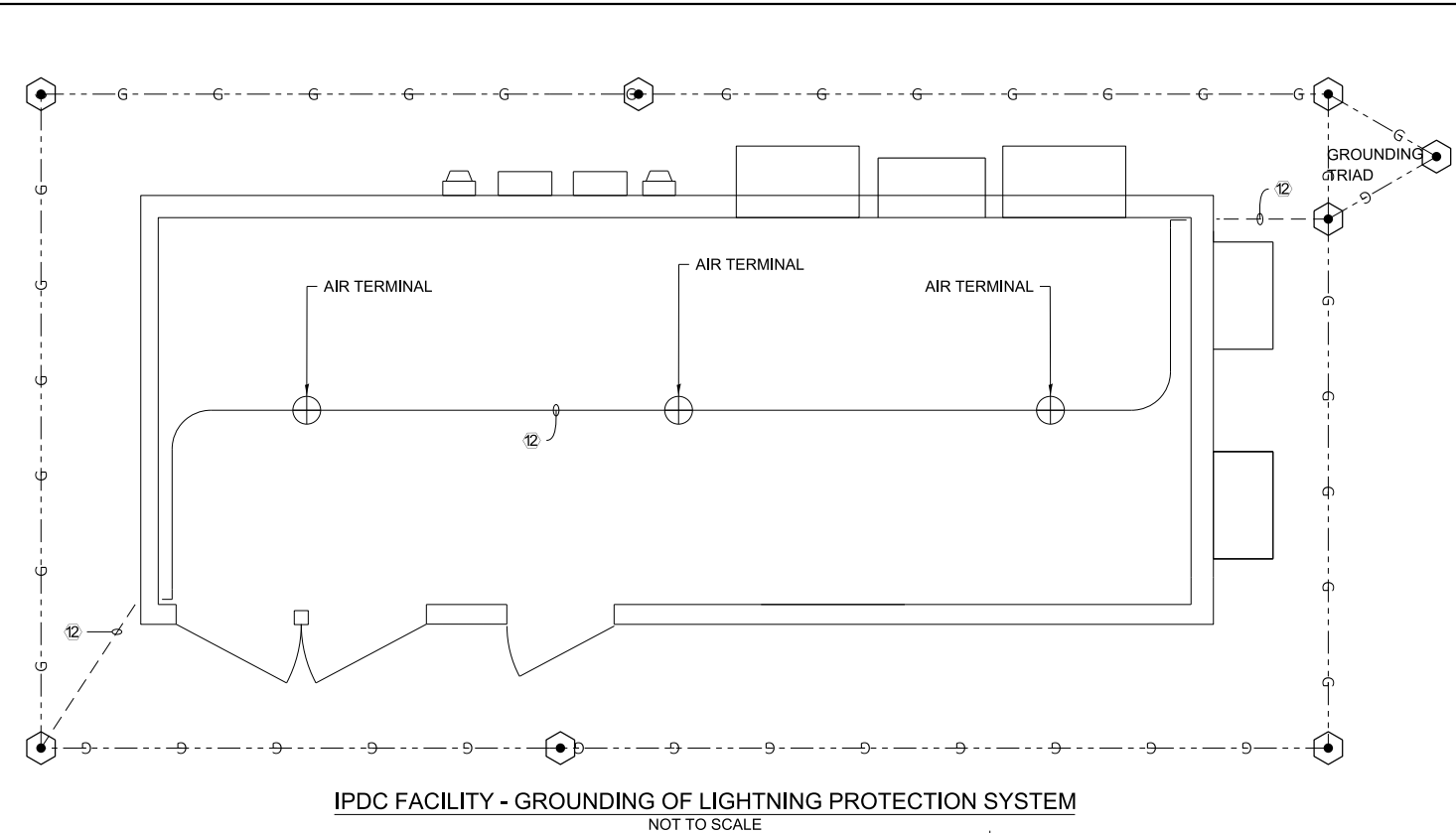
IPDC FACILITY SITE PLAN

VERSION: 2024-03 BASE SHEET: M-ITS-1805 SHEET: 1 OF 1



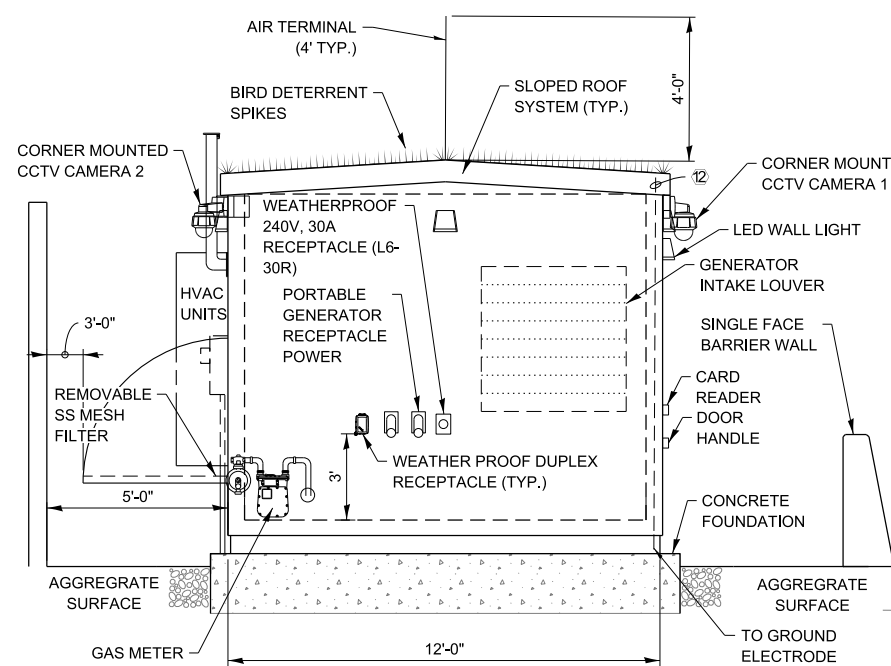
IPDC FACILITY ELECTRICAL GROUNDING LAYOUT

NOT TO SCALE



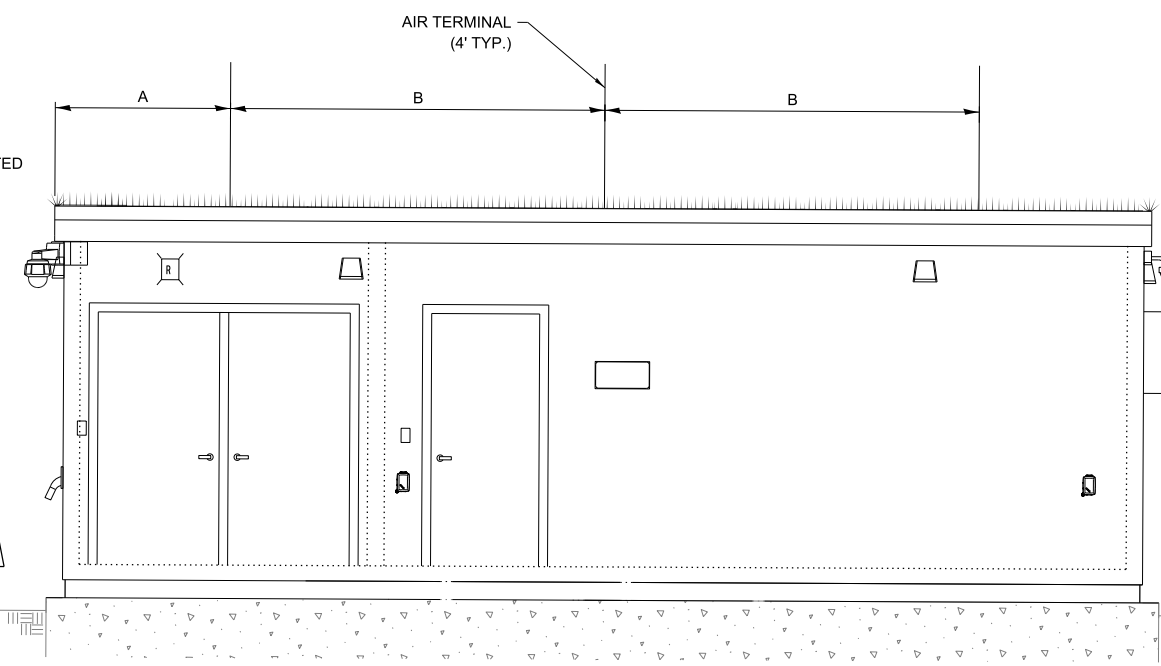
IPDC FACILITY - GROUNDING OF LIGHTNING PROTECTION SYSTEM

NOT TO SCALE



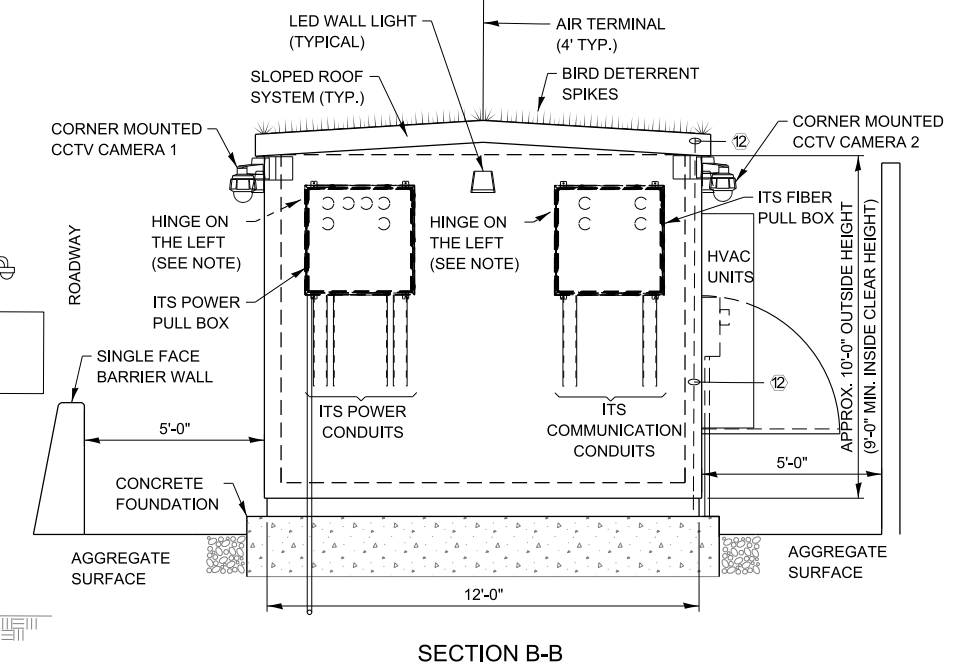
SECTION A-A

NOT TO SCALE



SECTION C-C

NOT TO SCALE



SECTION B-B

NOT TO SCALE

NOTE TO DESIGNER:
AIR TERMINAL RODS ARE TO BE
INSTALLED AND FIXED TO ROOF
WITHOUT INTERFERING WITH
THE INTEGRITY OF THE
STRUCTURE

NOTE TO DESIGNER
THIS BASE SHEET SHOWS TYPICAL CONSTRUCTION BUT IT IS NOT A STANDARD DRAWING. IT REQUIRES COMPLETION BY THE DESIGNER PRIOR TO INSERTION INTO A CONTRACT. MICROSTATION FILES AND THE "CADD STANDARDS MANUAL" ARE AVAILABLE ON THE ILLINOIS TOLLWAY WEBSITE. THE DESIGNER SHALL ACCEPT THE RESPONSIBILITY OF THE DESIGN OF THIS SHEET UPON ITS COMPLETION AND INSERTION INTO A CONTRACT. ALL "NOTE TO DESIGNER" BOXES SHALL BE REMOVED BY THE DESIGNER PRIOR TO INSERTION OF THE SHEET INTO THE PLAN SET.

IPDC FACILITY - GROUNDING OF LIGHTNING PROTECTION SYSTEM

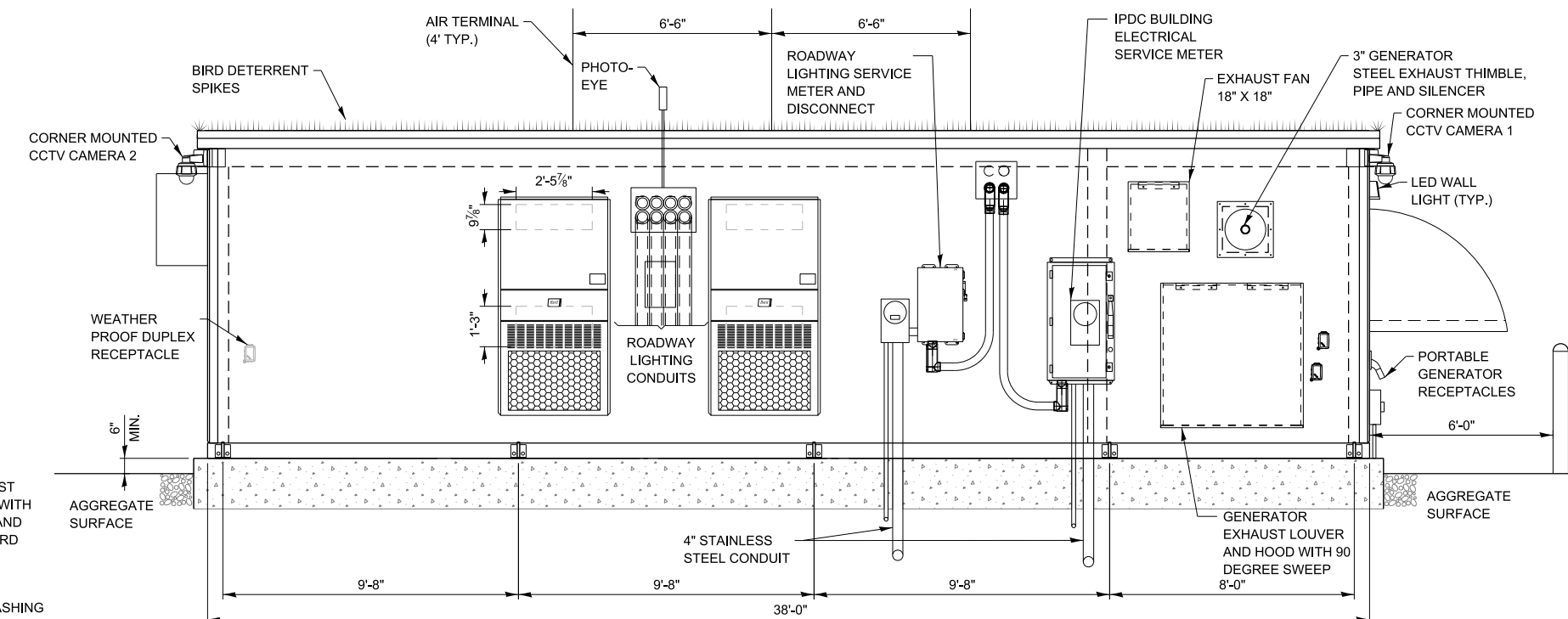
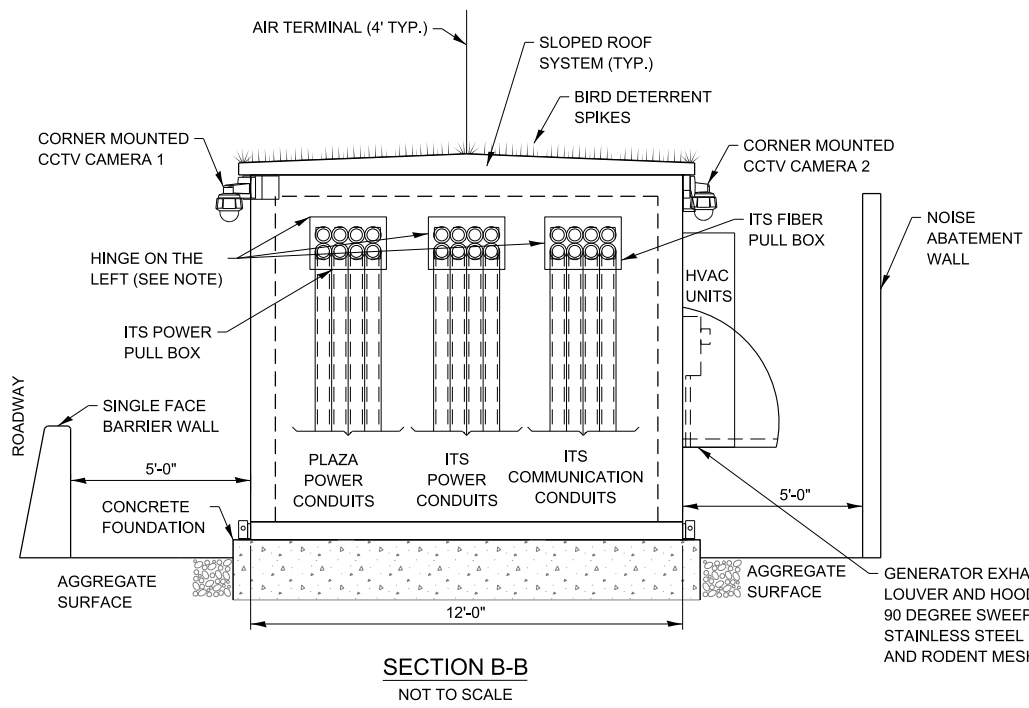
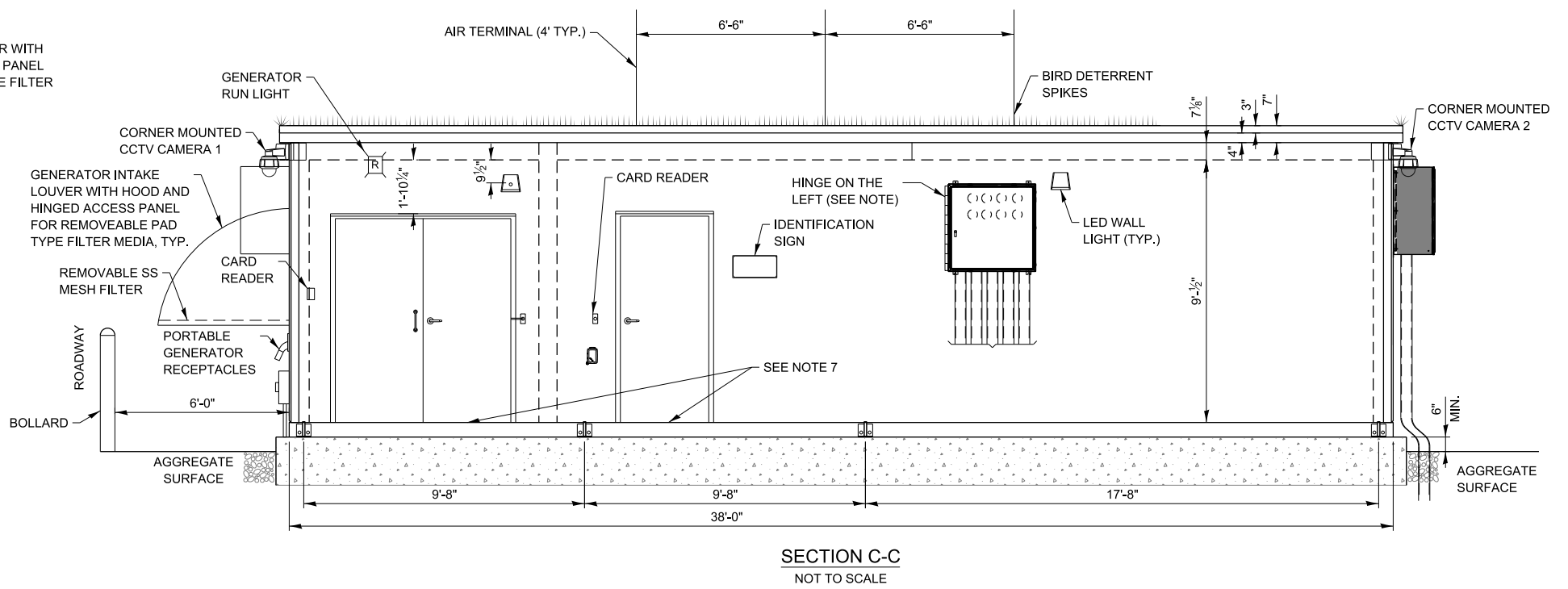
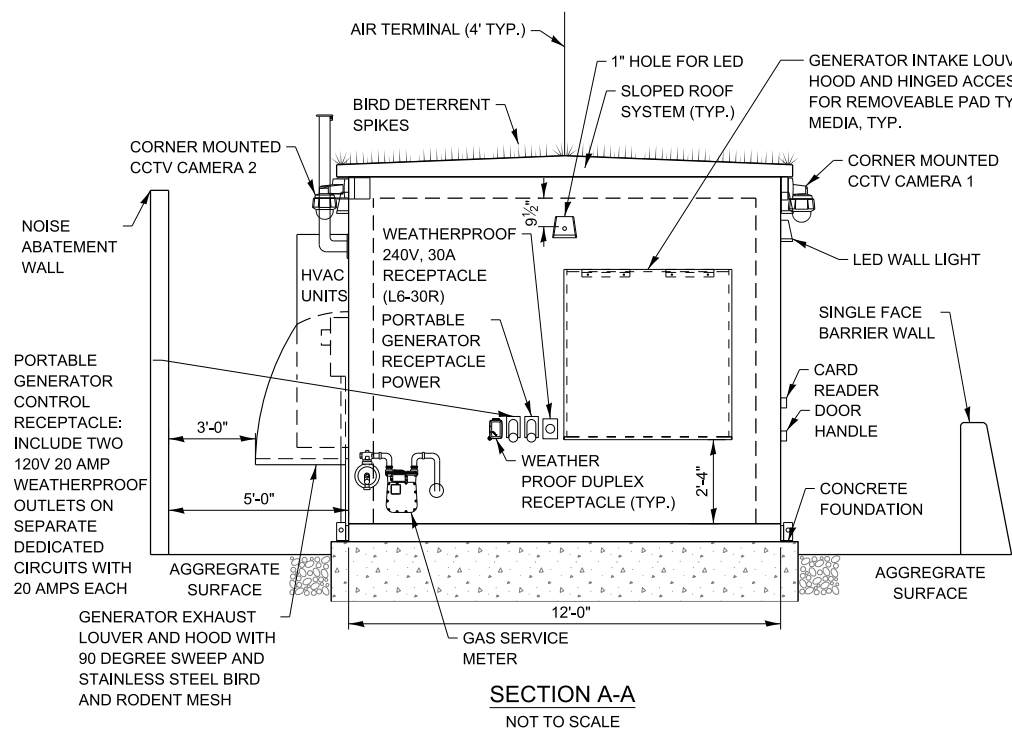
NOT TO SCALE

NOTES:

- EQUIPMENT SHOWN IN GRAYSCALE IS EXISTING.
- ALL SS JUNCTION BOXES SHALL HAVE THE LID HINGE MOUNTED ON THE LEFT SIDE SO THE BOXES OPEN FROM RIGHT TO LEFT, TYP.



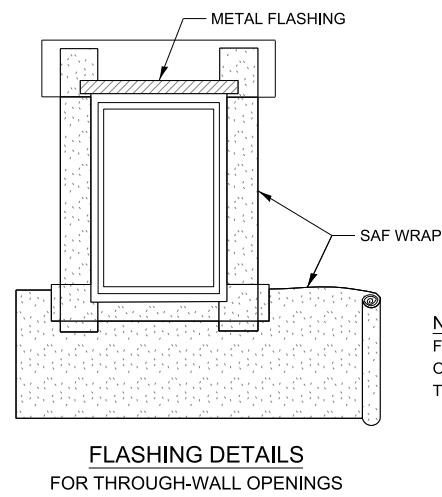
STANDARD IPDC
GROUNDING-LIGHTNING
PROTECTION PLAN



NOTE TO DESIGNER:
AIR TERMINAL RODS ARE TO BE INSTALLED AND FIXED TO ROOF WITHOUT INTERFERING WITH THE INTEGRITY OF THE STRUCTURE

NOTE TO DESIGNER

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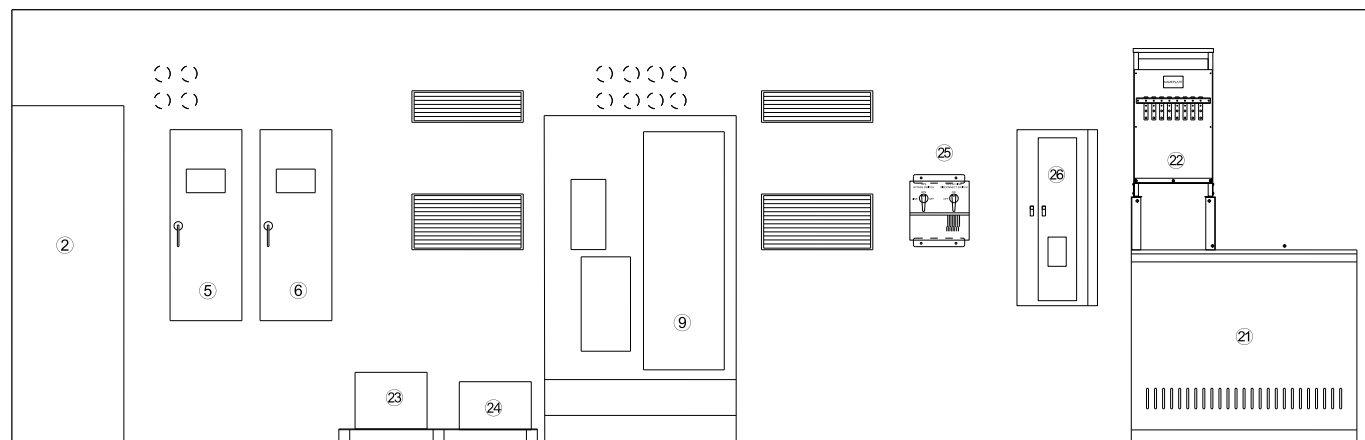


NOTE:
FLASHING DETAILS FOR THROUGH-WALL OPENINGS FOR ALL EQUIPMENT PASSING THROUGH THE EXTERIOR WALL

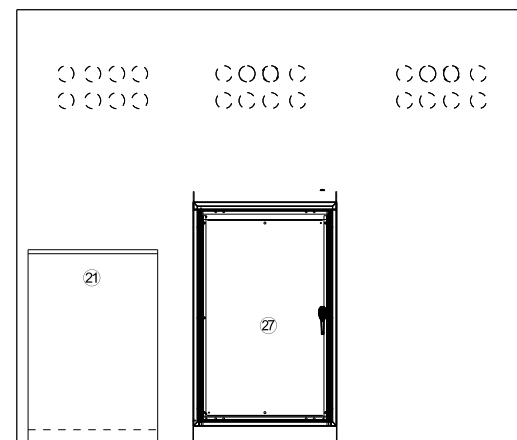
- NOTES:**
- THIS LAYOUT SHOWS PLAZA REMOTE CONTROL BUILDING COMBINED TO IPDC BUILDING
 - EQUIPMENT SHOWN IN GRAYSCALE IS EXISTING.
 - ALL SS JUNCTION BOXES SHALL HAVE THE LID HINGE MOUNTED ON THE LEFT SIDE SO THE BOXES OPEN FROM RIGHT TO LEFT, TYP.

COMBINATION PLAZA-IPDC BUILDING EXTERIOR ELEVATIONS

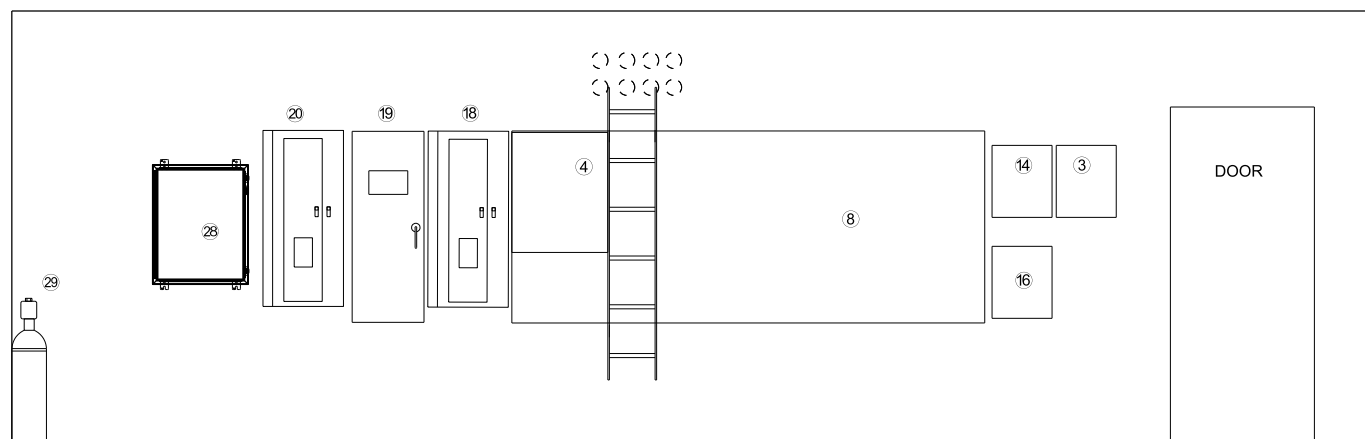
VERSION: 2024-03 BASE SHEET: M-ITS-1807 SHEET: 1 OF 1



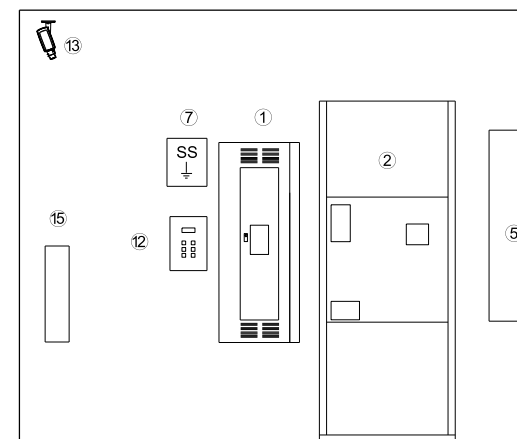
SECTION A-A
NOT TO SCALE



SECTION C-C
NOT TO SCALE



SECTION B-B
NOT TO SCALE



SECTION D-D
NOT TO SCALE

LEGEND

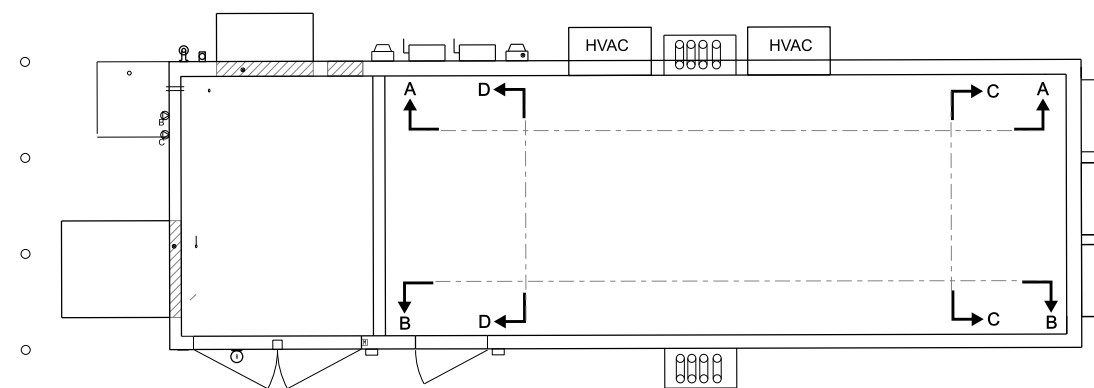
- ① MAIN DISTRIBUTION PANELBOARD
- ② AUTOMATIC TRANSFER SWITCH
- ③ FIRE ALARM PANEL
- ④ VPJB
- ⑤ MANUAL TRANSFER SWITCH - CONTROLS
- ⑥ MANUAL TRANSFER SWITCH - POWER
- ⑦ SURGE SUPPRESSOR
- ⑧ 4' x 8' WALLBOARD
- ⑨ ROADWAY LIGHTING CONTROLLER
- ⑩ HVAC CONTROL
- ⑪ ELECTRIC HEATER
- ⑫ THERMOSTAT
- ⑬ INTERIOR SECURITY CAMERA CCTV 1
- ⑭ HIRSCH PANEL
- ⑮ FIRE EXTINGUISHER
- ⑯ CARD READER PANEL
- ⑰ GENERATOR RUNNING LIGHT
- ⑱ UPS-1 PANELBOARD
- ⑲ UPS/LC MTS
- ⑳ UPS-2 PANELBOARD
- ㉑ ITS LINE CONDITIONER
- ㉒ ITS STEP UP TRANSFORMER
- ㉓ BUS. SYSTEMS UPS
- ㉔ BUS. SYSTEMS LINE CONDITIONER
- ㉕ BUS. SYSTEMS UPS BYPASS SWITCH
- ㉖ BUS. SYSTEMS UPS PANELBOARD
- ㉗ VES WASH SYSTEMS CABINET
- ㉘ BUS. SYSTEMS VPJB

NOTE TO DESIGNER

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NOTES:

1. CONTRACTOR SHALL SEAL DOOR OPENING, DOOR FRAMING, AND ANY PROTRUSION/ACCESS CUT THROUGH BUILDING WALLS AGAINST RODENT OR PEST INFESTATION OR ACCESS, TO THE SATISFACTION OF THE ENGINEER.
2. THIS LAYOUT SHOWS PLAZA REMOTE CONTROL BUILDING COMBINED TO IPDC BUILDING
3. EQUIPMENT SHOWN IN GRAYSCALE IS EXISTING OR BY OTHERS.

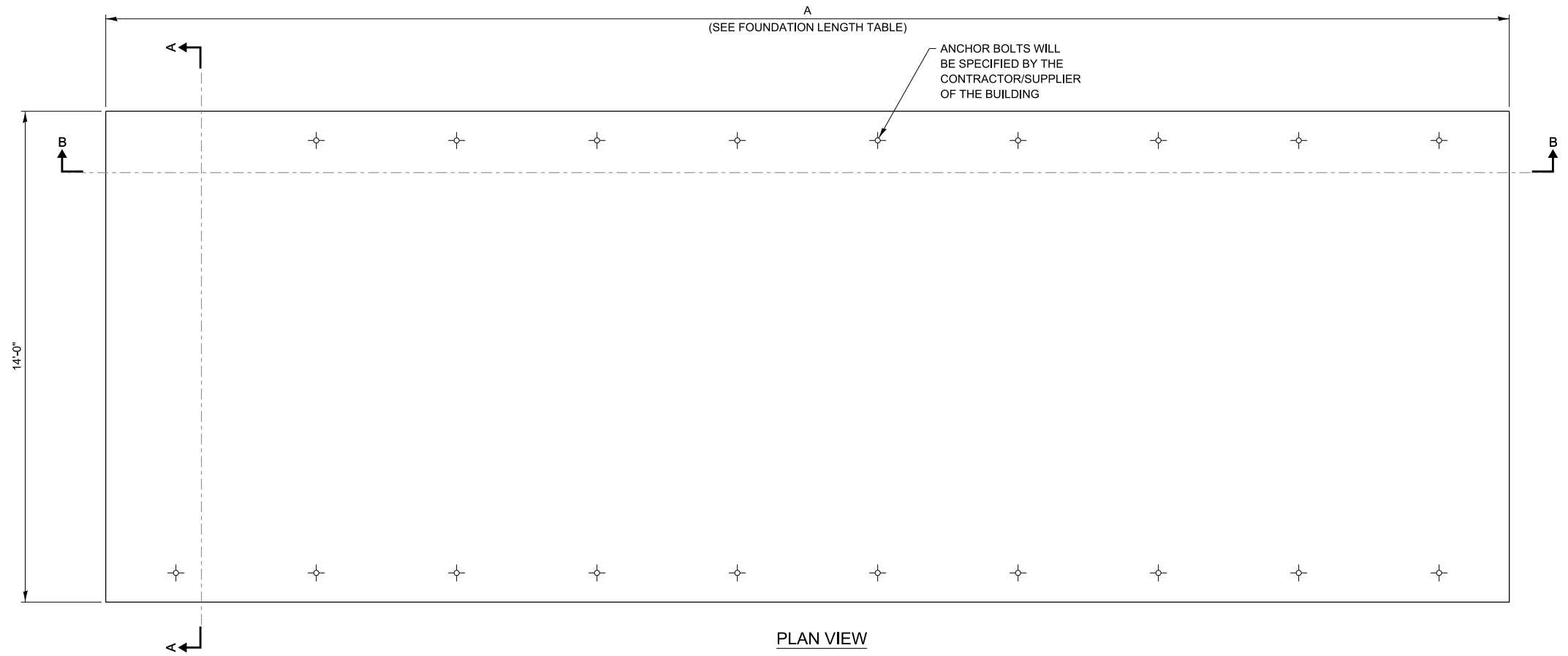


COMBINATION IPDC/PLAZA FACILITY SITE PLAN
NOT TO SCALE

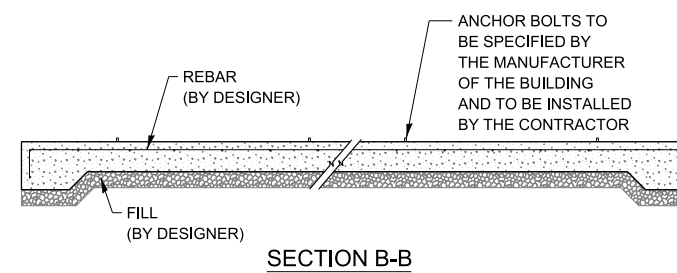
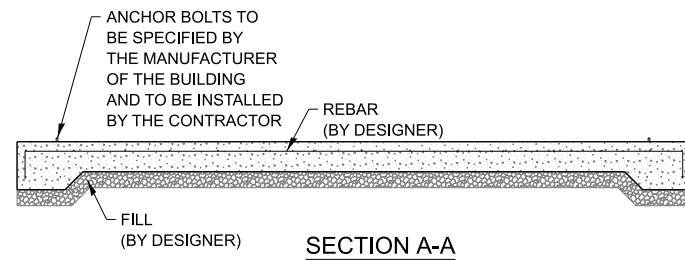


**COMBINATION PLAZA-IPDC
BUILDING INTERIOR
ELEVATIONS**

VERSION: 2024-03 BASE SHEET: M-ITS-1808 SHEET: 1 OF 1



FOUNDATION LENGTH TABLE	
IPDC BUILDING TYPE	DIMENSION
STANDARD IPDC	A = 32'
COMBINATION PLAZA/IPDC	A = 40'



NOTE TO DESIGNER

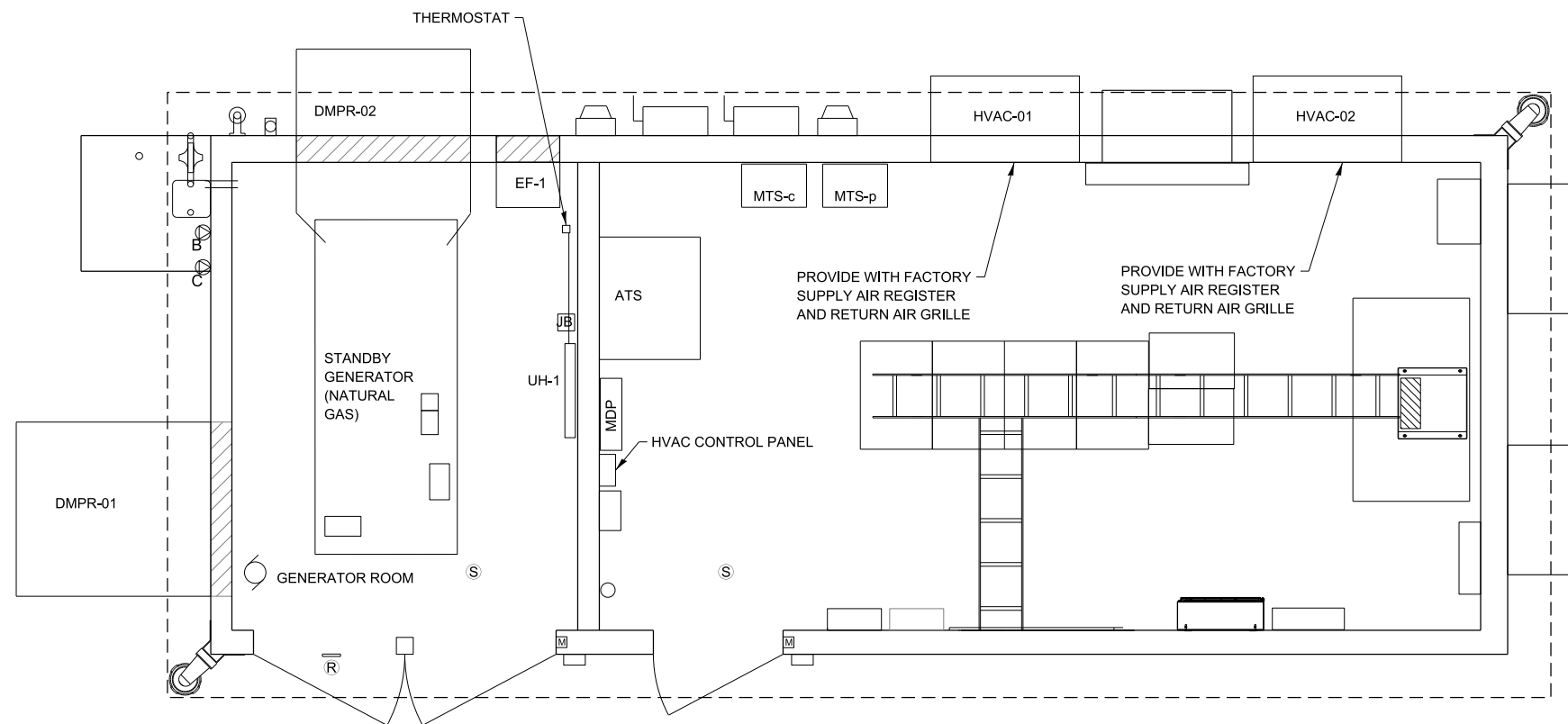
ALL "NOTE TO DESIGNER" BOXES SHALL BE REMOVED BY THE DESIGNER PRIOR TO INSERTION OF THE SHEET INTO THE PLAN SET.

THIS DRAWING IS A CONCEPT FOUNDATION FROM A BUILDING MANUFACTURER. THE FOUNDATION MUST HAVE A FLAT TOP SLAB AS SHOWN IN THE DRAWING TO SUPPORT THE BUILDING FRAME.

THE DESIGNER SHALL DESIGN THE SLAB, FOOTERS, WALLS AND REINFORCING DETAILS AS NECESSARY TO SUPPORT THE BUILDING AND MEET LOCAL CODES.



IPDC AND COMBINATION PLAZA-IPDC FACILITY CONCRETE FOUNDATION



IPDC BUILDING MECHANICAL PLAN

NOTES:

1. UNIT SHALL HAVE ARI CERTIFIED COILS, AIWCA RATED FANS, AND UL LISTED & LABELED ELECTRICAL COMPONENTS.
2. PROVIDE HVAC UNITS WITH FACTORY SUPPLY AND RETURN GRILLES.
3. HVAC PROVIDE LEAD/LAG THERMOSTAT CONTROLLER BARD MODEL #MC4001-AC WITH BASE ALARMS AND ETHERNET ACCESS.
4. ALL MANUFACTURERS AND PART NUMBERS ARE FOR REFERENCE. THE CONTRACTOR SHALL PROVIDE CALCULATIONS FOR HVAC AND HEATING SYSTEM BASED ON BUILDING CONSTRUCTION AND INTERNAL BUILDING LOADS.

NOTE TO DESIGNER
 THE ESTIMATED EQUIPMENT BUILDING LOADS FOR FUTURE ITS RELATED EQUIPMENT INSTALLED IN CONTRACT 4308 IS 19,000 BTU/HR. THE DESIGNER SHALL SIZE THE HVAC SYSTEMS ACCORDINGLY.
 A STANDARD IPDC BUILDING SHOWN. MECHANICAL PLAN SHALL BE SIMILAR FOR COMBINATION PLAZA/IPDC BUILDING. ITS LOADS WILL BE THE SAME. ADDITIONAL HVAC LOAD REQUIRED FOR PLAZA EQUIPMENT. HVAC UNITS SHALL BE LOCATED IN THE SAME POSITION FROM SERVICE DISCONNECTS FOR A COMBINATION PLAZA/IPDC BUILDING.

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ELECTRICAL ROOM																						
MARK	LOCATION	SERVES	NOM. TON	TOTAL AIRFLOW CFM	OUTSIDE AIRFLOW CFM	ESP (IN WG)	REFRIG. TYPE	COOLING DATA						HEATING DATA				ELECTRICAL DATA			MANUFACTURER/ MODEL NUMBER	REMARKS
								TOTAL CAP MBH	SENS CAP MBH	EAT (DEG F) DB	EAT (DEG F) WB	OUTDOOR TEMP (DEG F)	MIN. EER AT ARI CONDITIONS	CAP MBH	EAT (DEG F) DB	OUTDOOR TEMP (DEG F)	SUPPLEMENTAL HEATING (KW)	VOLTS	PH	HZ		
HVAC-01	OUTSIDE	BUILDING	4	1500	-	0.15	R454B A2L	45.5	34.0	75	62	90	11	17.1	70	0	5	240	1	60	BARD W5SAFOA05ZPXXXJ	
HVAC-02	OUTSIDE	BUILDING	4	1500	-	0.15	R454B A2L	45.5	34.0	75	62	90	11	17.1	70	0	5	240	1	60	BARD W5SAFOA05ZPXXXJ	

EXHAUST FAN											
MARK	LOCATION	MAKE	MODEL	TYPE	CFM	ESP IN WG	FAN RPM	DRIVE TYPE	MOTOR DATA		NOTES
									HP	V / PH / HZ	
EF-1	GENERATOR ROOM	GREENHECK	SE1	EXHAUST FAN	750	0.25	1307	DIRECT	1/8	115/ 1/ 60	WITH MOTORIZED LOUVERS AND GALV. HOUSING, THERMOSTAT CONTROLLED

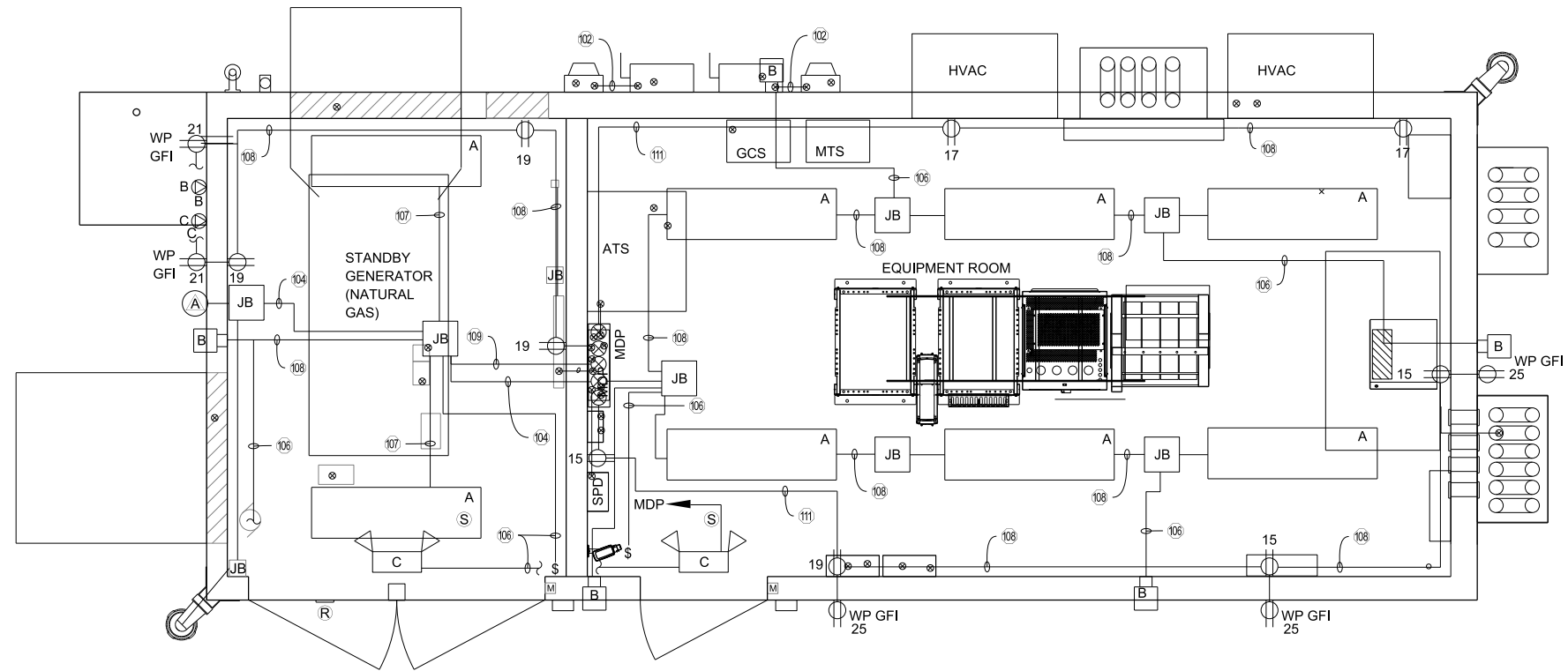
EXHAUST DAMPERS									
MARK	LOCATION	DESCRIPTION	TYPE	MAKE	MODEL	SIZE	ELECTRICAL		NOTES
							V / PH / HZ		
DMPR-01	GENERATOR ROOM	SUPPLY DAMPER	MOTORIZED DAMPER	GREENHECK	VCD-23	48" x 48"	115/ 1/ 60		LOUVERS FAIL OPEN ON LOSS OF POWER, INSTALL HOOD WITH SS MESH FILTER ON EXTERIOR
DMPR-02	GENERATOR ROOM	EXHAUST DAMPER	MOTORIZED DAMPER	GREENHECK	135 TLCD	48" x 48"	460 / 3 / 60		LOUVERS FAIL OPEN ON LOSS OF POWER, INSTALL PARTIAL HOOD WITH STAINLESS STEEL WIRE GRID

ABBREVIATION LEGEND
 CFM - CUBIC FEET PER MINUTE

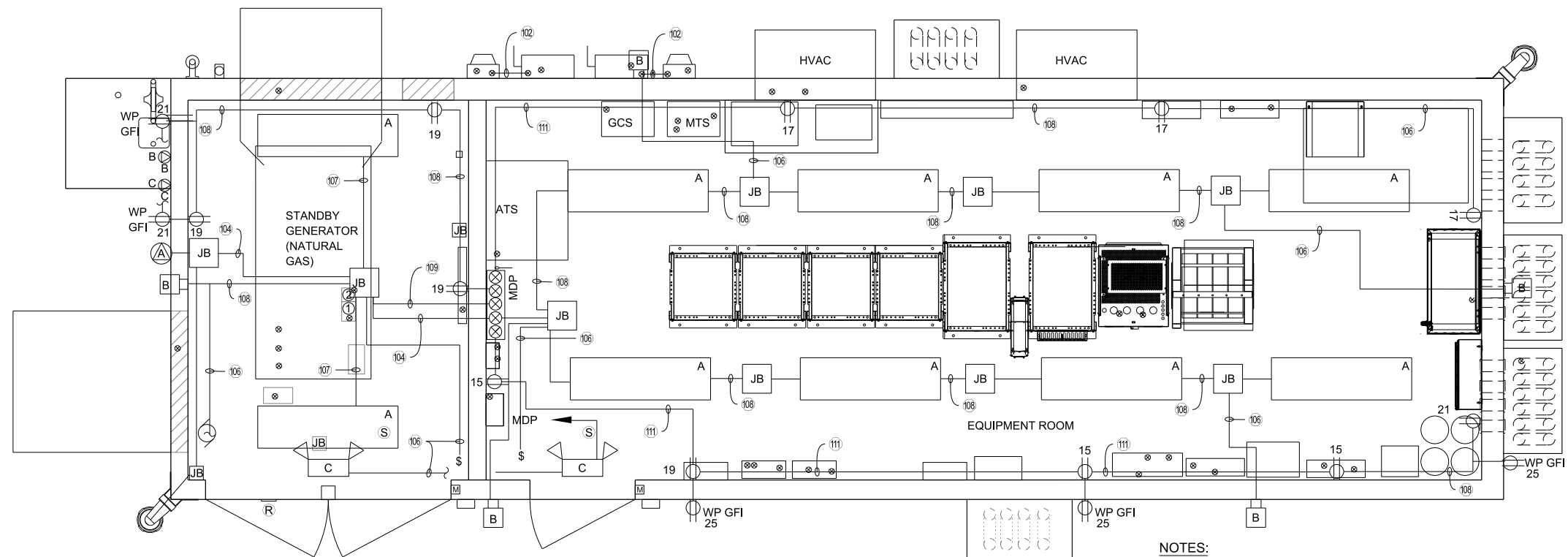
ELECTRIC UNIT HEATER SCHEDULE (UH)								
MARK	ROOM	MAKE	MODEL	TYPE	CAPACITY (kW)	CFM	V / PH / HZ	NOTES
UH-1	GENERATOR	INDEECO	ULI	WALL MOUNTED	2KW/1.5KW	300	240/ 1 / 60	INCLUDE DISCONNECT

IPDC AND COMBINATION PLAZA-IPDC FACILITY MECHANICAL PLAN

VERSION: 2025-03 BASE SHEET: M-ITS-1810 SHEET: 1 OF 1



IPDC FACILITY LIGHTING AND RECEPTACLE PLAN
NOT TO SCALE



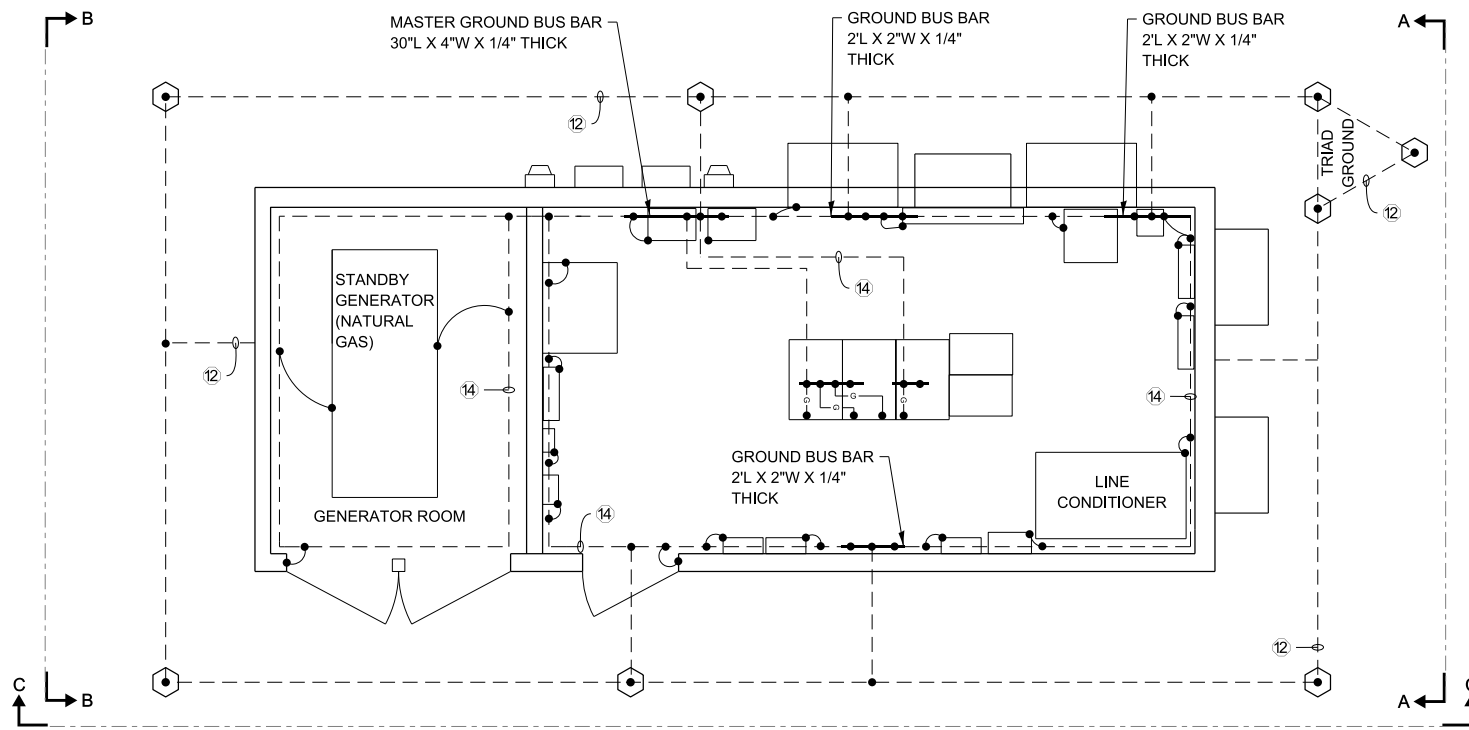
COMBINATION PLAZA/IPDC FACILITY LIGHTING AND RECEPTACLE PLAN
NOT TO SCALE

NOTES:

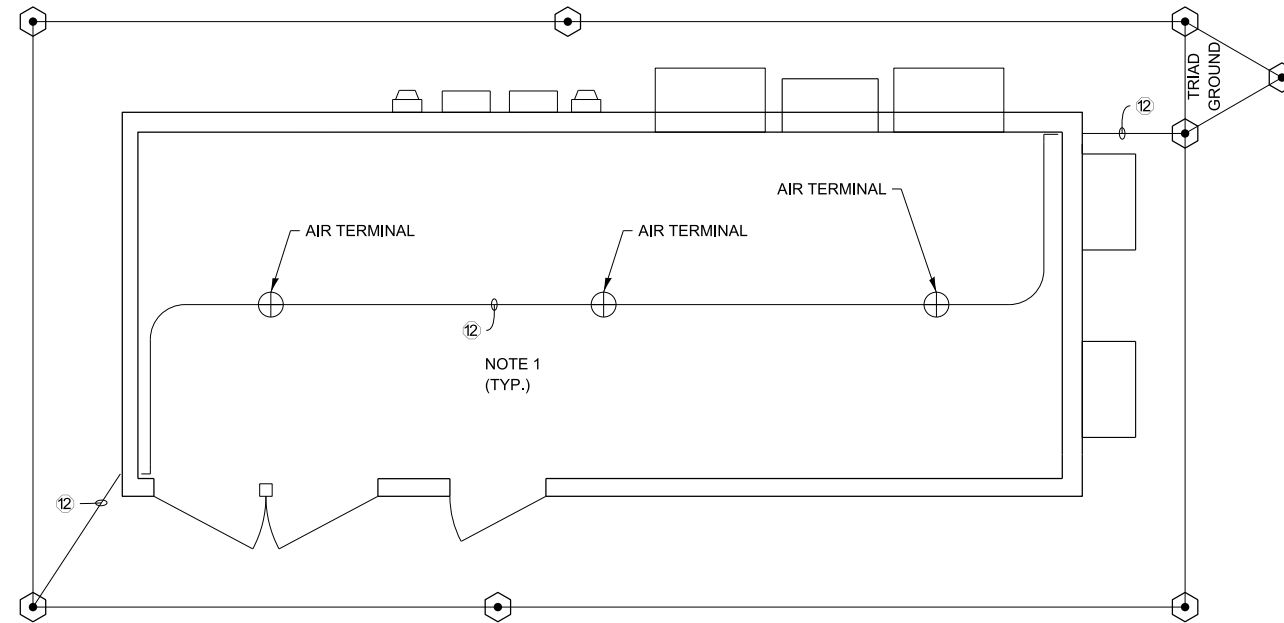
1. SEE IPDC FACILITY CABLE/CONDUIT SCHEDULE AND NOTES SHEET (M-ITS-1801)
2. RECEPTACLE AND LIGHTING CONDUIT SHALL BE 3/4" WITH 2-1/C #12 AND 1/C #12 GRD. UNLESS OTHERWISE NOTED.
3. SEE IPDC FACILITY LEGEND, SYMBOL LIST, ABBREVIATIONS, AND EQUIPMENT SCHEDULES SHEET (M-ITS-1800) FOR ADDITIONAL DETAILS



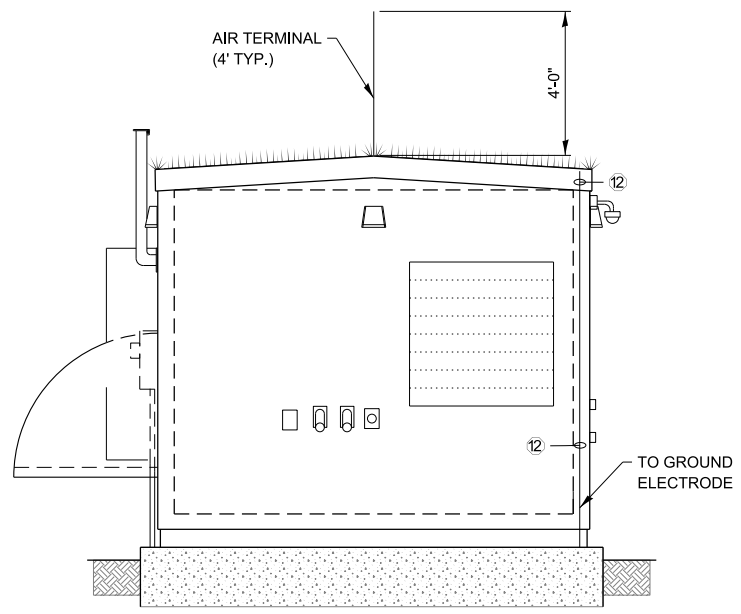
**IPDC AND PLAZA-IPDC
COMBINATION FACILITY
LIGHTING AND RECEPTACLE
PLAN**



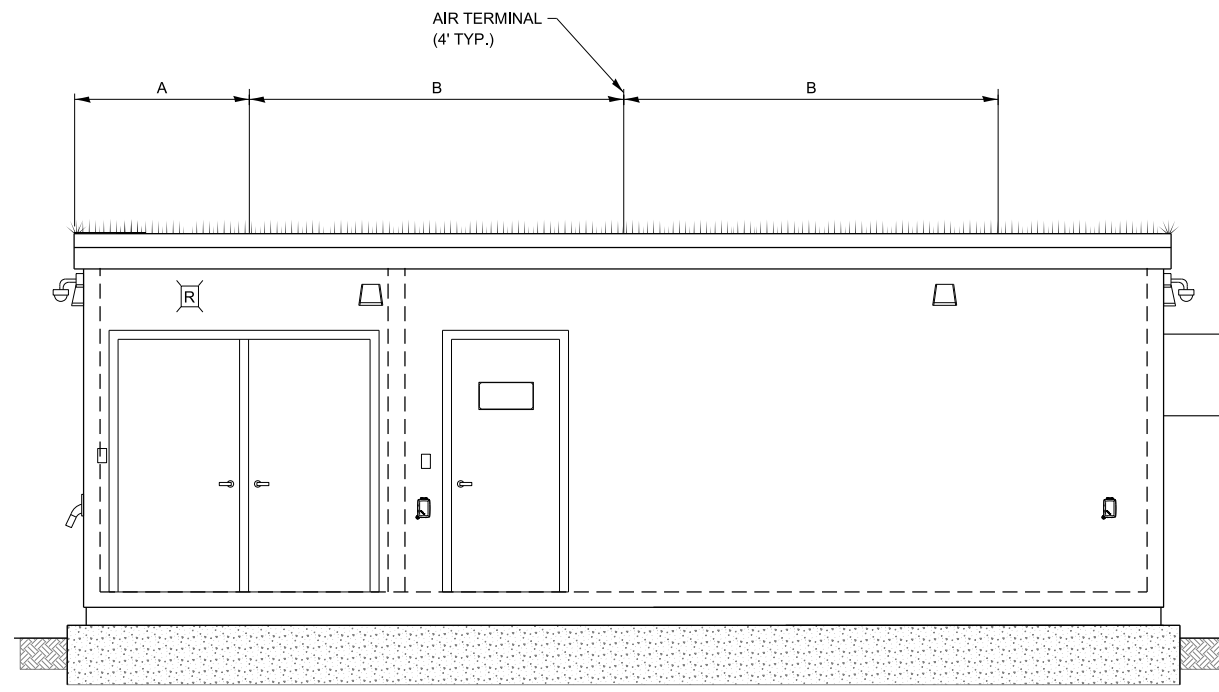
IPDC FACILITY ELECTRICAL GROUNDING LAYOUT
NOT TO SCALE



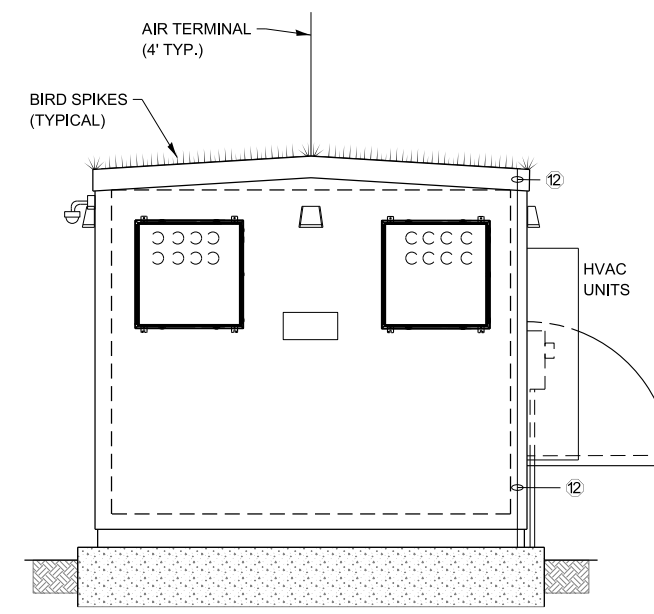
IPDC FACILITY - GROUNDING OF LIGHTNING PROTECTION SYSTEM
NOT TO SCALE



SECTION A-A
NOT TO SCALE



SECTION C-C
NOT TO SCALE



SECTION B-B
NOT TO SCALE

AIR TERMINAL TABLE			
	A	B	# OF TERMINALS
30' BUILDING	5'	10'	3
38' BUILDING	4'-9"	9'-6"	4

IPDC FACILITY - GROUNDING OF LIGHTNING PROTECTION SYSTEM
NOT TO SCALE

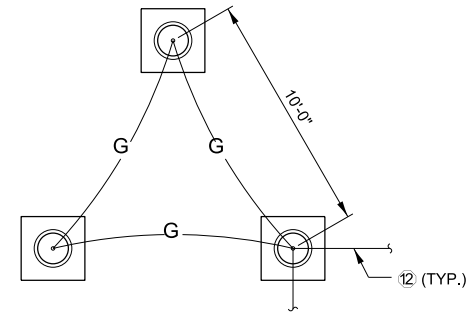
NOTES:

1. BOND BASE OF BIRD SPIKE ASSEMBLY TO GROUNDING CONDUCTOR FOR THE LIGHTNING PROTECTION SYSTEM.
2. 30' BUILDING LENGTH SHOWN. SEE TABLE FOR NUMBER OF AIR TERMINALS AND SPACING

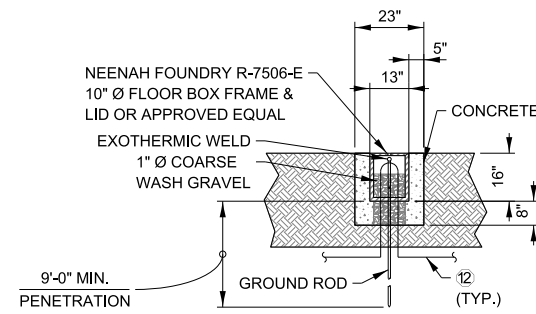


IPDC AND PLAZA-IPDC COMBINATION FACILITY GROUNDING PLAN

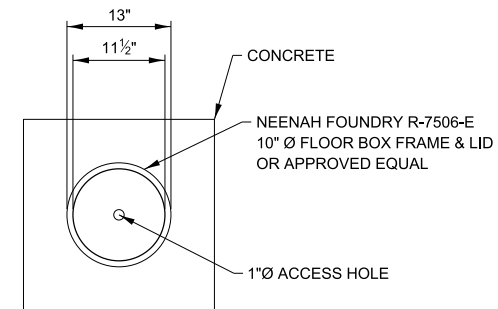
VERSION: 2024-03 BASE SHEET: M-ITS-1812 SHEET: 1 OF 1



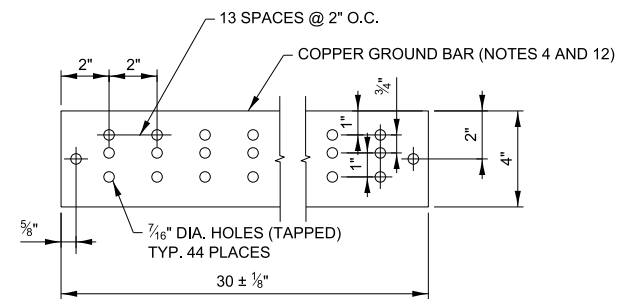
GROUND TRIAD DETAIL
NOT TO SCALE



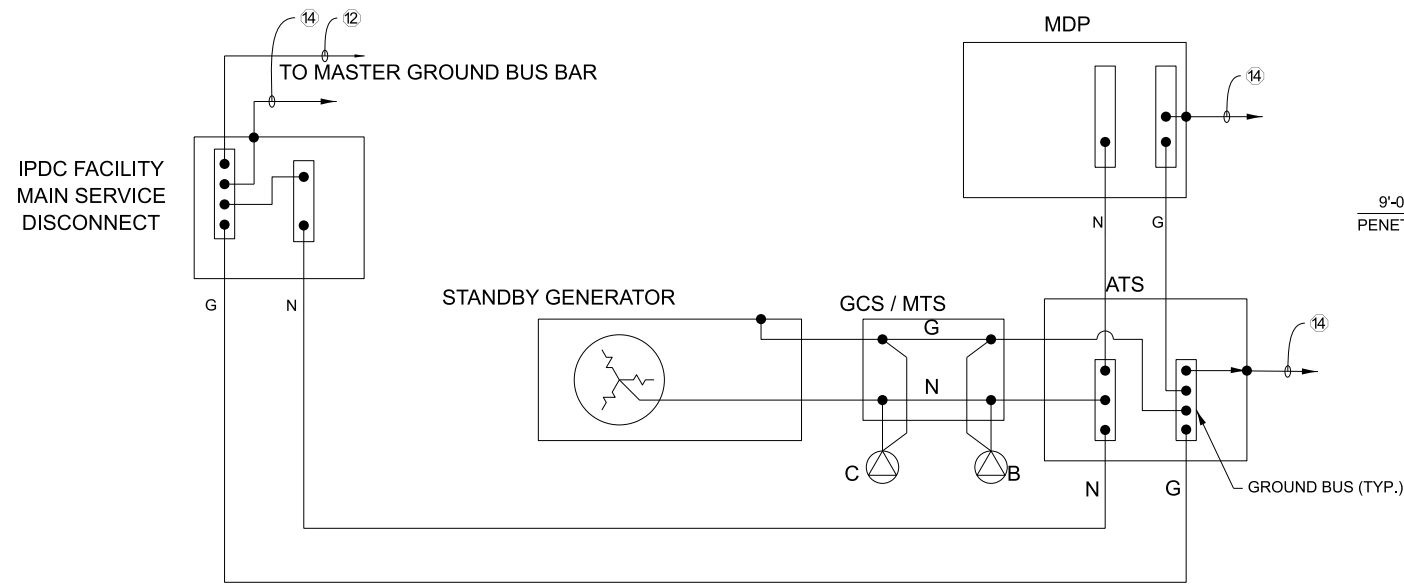
GROUND WELL ELEVATION DETAIL
NOT TO SCALE (NOTE 1 AT RIGHT)



GROUND WELL PLAN DETAIL
NOT TO SCALE



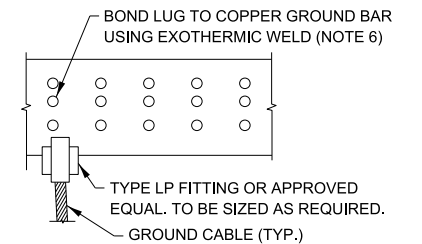
MASTER GROUND BUS BAR SUPPORT SPACING DETAIL
NOT TO SCALE



IPDC FACILITY GROUNDING SCHEMATIC

NOTES:

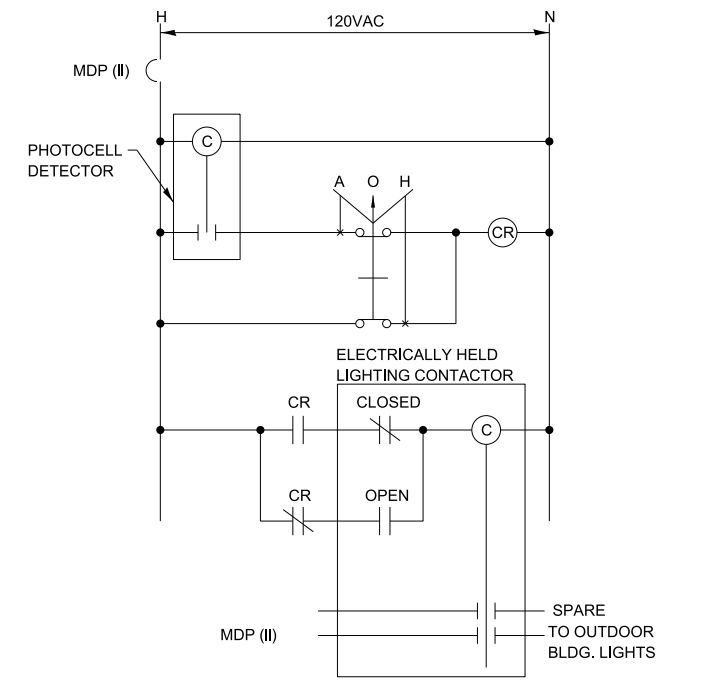
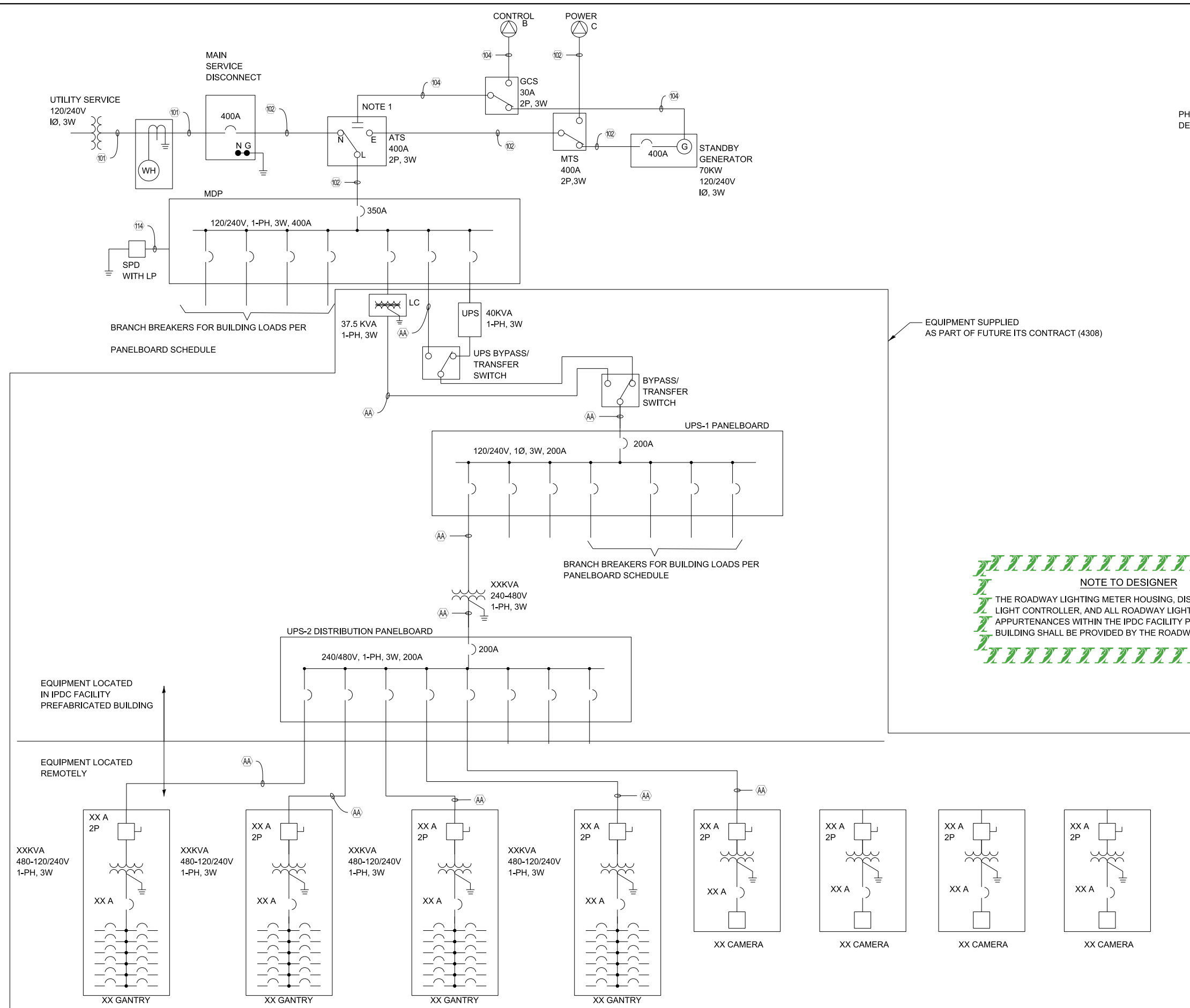
1. DETAIL SHOWS INSTALLATION IN UNPAVED AREA. WHEN INSTALLING IN A PAVED AREA, INCORPORATE GROUND WELL IN THE POUR.
2. GROUND WELLS ARE REQUIRED AT EVERY GROUND ROD.
3. PROVIDE 1" SCHEDULE 40 PVC CONDUIT FOR ALL GROUND CABLES UNDER BUILDING.
4. ALL COPPER GROUND BARS SHALL BE OF HARD DRAWN, COMMERCIALY PURE, ELECTROLYTIC COPPER, FOR USE AS AN ELECTRICAL CONDUCTOR AND SHALL COMPLY WITH THE CURRENT VERSION OF ASTM SPEC. B-187 OF LATEST DATE.
5. BOLTS, NUTS, AND WASHERS USED FOR CONNECTION TO GROUND BUS BARS SHALL BE SOLID COPPER.
6. WELD PER MANUFACTURER SPECIFICATION (ERICO PRODUCTS OR BURNDY CORP.).
7. THE COPPER GROUND BUS BAR SHALL BE MOUNTED TO THE CABLE TRAY ABOVE EQUIPMENT RACKS.
8. PROVIDE A #2 AWG GROUND CABLE FROM THE FRAME OF EACH EQUIPMENT RACK TO THE GROUND BUS AS SHOWN. THE CABLE SHALL BE BOLTED TO THE RACK USING A SEAMLESS HEAVY DUTY COMPRESSION TERMINAL.
9. A 4 INCH GAP SHALL BE PROVIDED BETWEEN THE ENDS OF THE TWO CONDUCTORS THAT MAKE UP THE INTERNAL PERIMETER GROUND BUS CONDUCTOR.
10. ALL EQUIPMENT LOCATED INSIDE THE IPDC FACILITY PREFABRICATED BUILDING SHALL BE BONDED TO THE MAIN GROUND BUS OR THE INTERNAL PERIMETER GROUND CONDUCTOR WITH A #2 AWG GROUND CABLE. ALL CONNECTIONS MUST BE EXOTHERMICALLY WELDED.
11. THE INTERNAL PERIMETER GROUND BUS CONDUCTOR MUST BE INSTALLED HORIZONTALLY ALONG THE WALL APPROXIMATELY 8 FEET ABOVE FINISHED FLOOR. THE CONDUCTOR SHALL BE SUPPORTED 2 INCHES FROM THE WALL SURFACE ON INSULATED STANDOFFS. THE STANDOFFS SHALL BE INSTALLED AT INTERVALS AS NECESSARY TO KEEP THE CONDUCTOR SECURELY IN PLACE WITHOUT NOTICEABLE SAGS AND BENDS.
12. THE GROUND BUS BARS MUST BE MOUNTED APPROXIMATELY 8 FEET ABOVE FINISHED FLOOR AND MOUNTED TO WALL USING A MOUNTING BRACKET WITH INSULATOR.
13. SEE IPDC FACILITY CABLE/CONDUIT SCHEDULES AND NOTES SHEET (M-ITS-1800).
14. PROVIDE 3/4" SCHEDULE 40 PVC CONDUIT FOR GROUND CABLE CONNECTING UPS PANEL TO MASTER GROUND BUS BAR.
15. PROVIDE EXOTHERMIC CONNECTION TO INTERNAL PERIMETER BUS CONDUCTOR.
16. GROUNDING SHALL BE PER MOTOROLA R56 STANDARD.



MASTER GROUND BUS BAR CONNECTION DETAIL
NOT TO SCALE



IPDC AND COMBINATION PLAZA-IPDC GROUNDING SCHEMATIC AND DETAILS



OUTDOOR LIGHTING CONTACTOR WIRING DIAGRAM

EQUIPMENT SUPPLIED AS PART OF FUTURE ITS CONTRACT (4308)

NOTE TO DESIGNER
 THE ROADWAY LIGHTING METER HOUSING, DISCONNECT SWITCH, LIGHT CONTROLLER, AND ALL ROADWAY LIGHTING APPURTENANCES WITHIN THE IPDC FACILITY PREFABRICATED BUILDING SHALL BE PROVIDED BY THE ROADWAY CONTRACT.

NOTE TO DESIGNER
 THIS BASE SHEET SHOWS TYPICAL CONSTRUCTION BUT IT IS NOT A STANDARD DRAWING. IT REQUIRES COMPLETION BY THE DESIGNER PRIOR TO INSERTION INTO A CONTRACT. MICROSTATION FILES AND THE "CADD STANDARDS MANUAL" ARE AVAILABLE ON THE ILLINOIS TOLLWAY WEBSITE. THE DESIGNER SHALL ACCEPT THE RESPONSIBILITY OF THE DESIGN OF THIS SHEET UPON ITS COMPLETION AND INSERTION INTO A CONTRACT. ALL "NOTE TO DESIGNER" BOXES SHALL BE REMOVED BY THE DESIGNER PRIOR TO INSERTION OF THE SHEET INTO THE PLAN SET.

- NOTES:**
- CONTACT IN ATS TO INITIATE ENGINE STARTING CONTROLS.
 - SEE PANELBOARD SCHEDULE FOR CIRCUIT BREAKER SIZES.
 - EQUIPMENT INDICATED BY XXX ARE TO BE INSTALLED IN FUTURE ITS CONTRACT BY OTHERS.

PANELBOARD: <u>MDP</u>	MAIN: <u>350A</u>
VOLTAGE: <u>120/240</u>	BUS RATING: <u>400A</u>
PHASE/WIRE: <u>1/3</u>	MOUNTING: <u>SURFACE</u>

CKT	CB SIZE	POLES	DESCRIPTION	WATTS		Diagram	WATTS		DESCRIPTION	POLES	CB SIZE	CKT
				A	B		A	B				
1	225	2	UPS-1	10571		[Diagram]	0		SURGE PROTECTOR	2	30	2
3					13537			0				
5	20	2	HVAC UNIT 1	4560		[Diagram]	4560		HVAC UNIT 2	2	20	6
7					4560			4560				
9	15	1	EMERGENCY LIGHTS	50		[Diagram]	100		GEN. ROOM EXHAUST FAN	1	20	10
11	15	1	OUTDOOR LIGHTS		126	[Diagram]		100	GEN. BAT. CHARGER	1	20	12
13		1	INDOOR LIGHTS	300		[Diagram]	1500		GEN. JACKET WATER HTR	1	20	14
15	20	1	INTERIOR RECEPTACLE 1		600	[Diagram]		1000	GEN. ROOM HEATER	2	15	16
17	20	1	INTERIOR RECEPTACLE 2	300			1000					18
19	20	1	GENERATOR ROOM RECEPT.		450	[Diagram]		0	SPARE	1	20	20
21						[Diagram]	150		OUTDOOR RECEPTACLE 1	1	20	22
23						[Diagram]		150	OUTDOOR RECEPTACLE 2	1	20	24
25						[Diagram]	450		OUTDOOR RECEPTACLE 3	1	20	26
27						[Diagram]		2750	OUTDOOR 240V RECEPTACLE	2	30	28
29						[Diagram]	2750					30
				15781	19273	WATTS	10510	8560	WATTS			
TOTAL WATTS:				54124								
KW:				54.1								
KVA:				67.7								

* PROVIDE WITH HANDLE LOCKING DEVICE

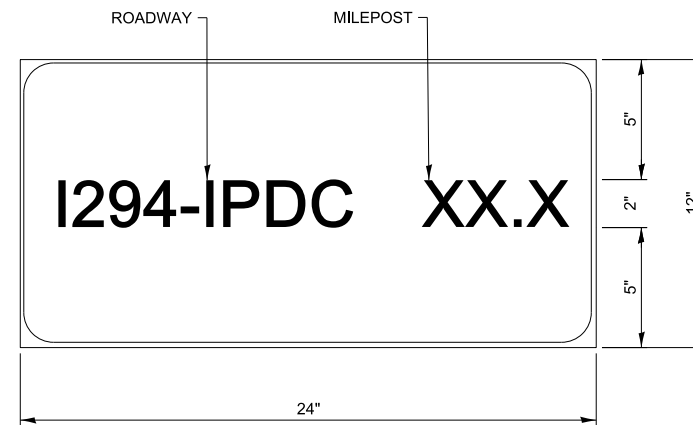
MDP



IPDC AND COMBINATION
PLAZA-IPDC FACILITY
PANELBOARD SCHEDULE

NOTES:

1. IPDC FACILITY IDENTIFICATION SIGN MATERIAL SHALL MEET THE REQUIREMENTS OF ARTICLE 720.02 OF THE STANDARD SPECIFICATIONS.
2. IPDC FACILITY IDENTIFICATION SIGNS SHALL BE MOUNTED ONTO THE BUILDING USING BOLTS AND WASHERS ACCORDING TO ARTICLE 720.04 OF THE STANDARD SPECIFICATIONS.



1.5" RADIUS, 0.5" BORDER, BLACK ON WHITE

IPDC IDENTIFICATION SIGN



IPDC FACILITY
IDENTIFICATION SIGN

VERSION:
2024-03

BASE SHEET:
M-ITS-1816

SHEET:
1 OF 1