

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 ELECTRICAL 2027-1	*	6	1
* = VARIOUS		ILLINOIS	CONTRACT NO. 76U92	

INDEX OF SHEETS:

- 1 COVER SHEET AND STANDARDS
- 2 STATE HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 MECHANICAL SECTIONS
- 5 MECHANICAL SECTIONS
- 6 PUMP STATION SWITCHGEAR ONE LINE DIAGRAM & ELEVATION



Frank G. Macino

8/6/2026

DATE

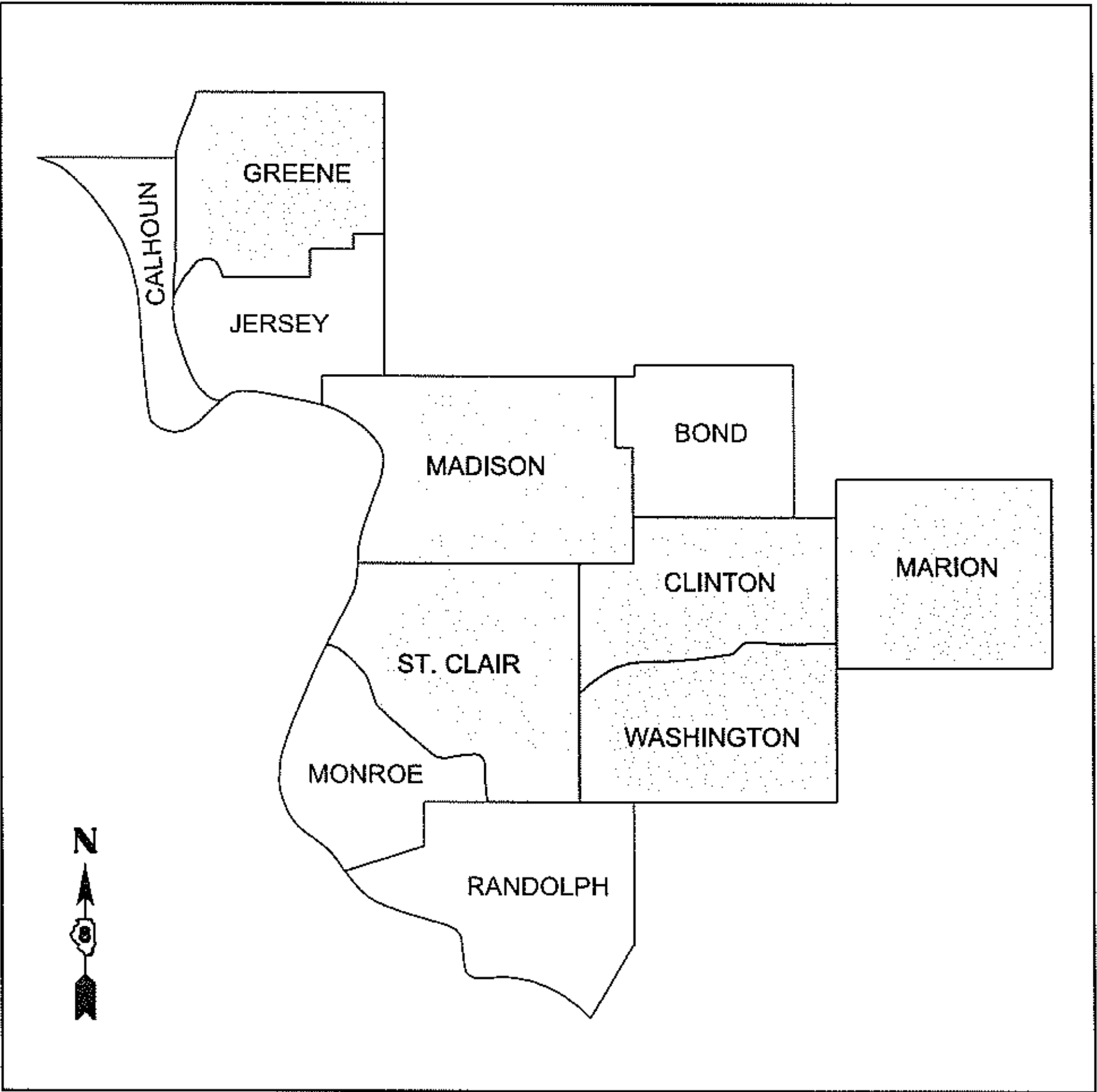
FRANK G. MACINO
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062.065121
LICENSE EXPIRES NOVEMBER 30, 2027

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION DIST 8 ELECTRICAL 2027-1
REPAIR & MAINTENANCE OF ELECTRICAL
EQUIPMENT AT PUMP STATIONS
VARIOUS COUNTIES

C-98-038-26



NOTE: WORK CAN BE LOCATED WITHIN ANY OF THE ABOVE
NOTED COUNTIES WITHIN DISTRICT 8 / REGION 5.

D-98-013-26



LOCATION OF SECTION INDICATED THUS: -

PLANS PREPARED BY:

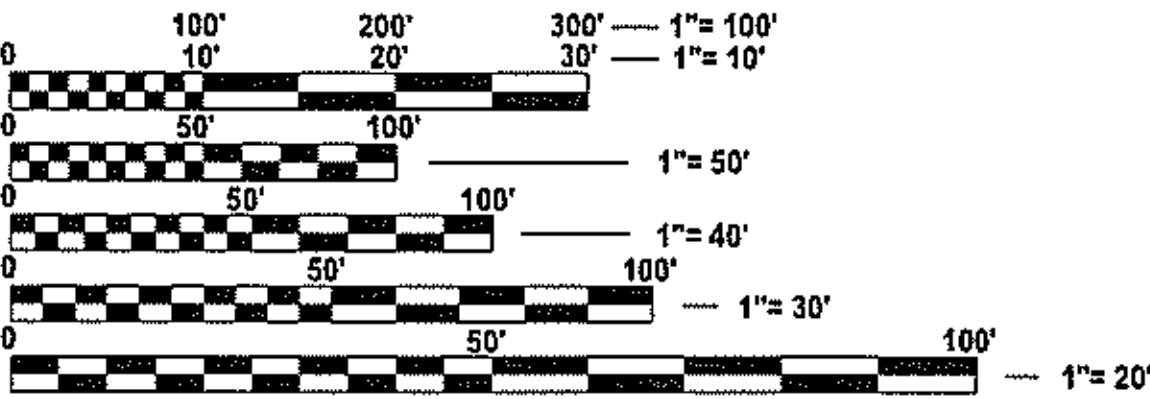
DONOHUE

230 WEST MONROE STREET, SUITE 2925
CHICAGO, IL 60606
312-236-9147

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 8/18 20 26
Corin N. H. H.
REGIONAL ENGINEER
October 2 20 26
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
October 2 20 26
John P. H.
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: CHERYL KEPLAR
PROJECT MANAGER: RICHARD BARBEE

CONTRACT NO. 76U92

STATE HIGHWAY STANDARDS

000001-09 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006 DECIMAL OF AN INCH AND OF A FOOT
701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-11 TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. THE LOCATIONS OF THE REPAIR AREAS SHALL BE DETERMINED BY THE ENGINEER/DEPARTMENT.
2. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
3. ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS LISTED UNDER "STATE HIGHWAY STANDARDS".
4. A FLAGGER SHALL BE REQUIRED AT ALL TIMES WHEN WORKERS OR EQUIPMENT ARE ENCROACHING ON THE LANE OF TRAFFIC.
5. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
6. 45 AND 55 MPH SIGNS ARE INCLUDED IN ALL INTERSTATE LANE CLOSURES. IF THE LANE CLOSURE DURATION IS LESS THAN 4 HOURS, THE 45 AND 55 MPH SIGNS ARE NOT REQUIRED.
7. ANY WORK ORDER MAY BE CANCELLED AT THE ENGINEER'S/DEPARTMENT'S DISCRETION.
8. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

COMMITMENTS

1. NONE

MODEL: General Notes
FILE NAME: \\D001.com\Projects\14312ch\1TO_02 General 2\Draw\Draw\Electrical Maintenance 2027_76U92\Draw\Draw\Electrical Maintenance 2027_76U92-ah-gennote.dgn

REV - MS

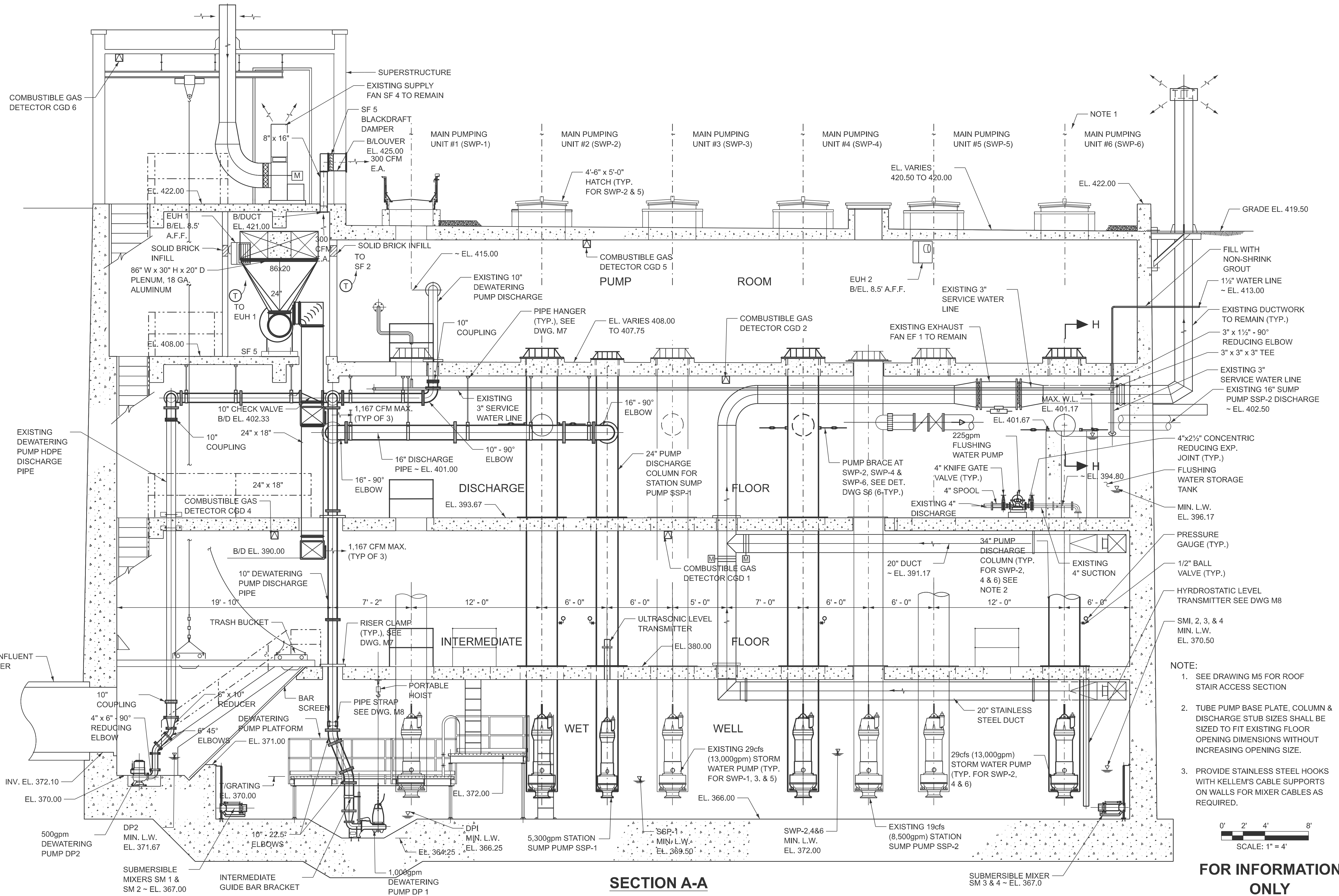
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* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				NONE
				0043
				URBAN
X0327020	SUBMERSIBLE MIXER	EACH	2	2
X0327111	MAGNUM BREAKER	EACH	2	2
X0327495	JOURNEYMAN ELECTRICIAN	HOUR	130	130
X0327496	APPRENTICE ELECTRICIAN	HOUR	130	130
X0327497	PICK-UP TRUCK	HOUR	130	130
X0327498	BUCKET TRUCK (LENGTH LESS THAN 35 FEET)	HOUR	130	130
X0327499	BUCKET TRUCK (LENGTH 35 TO 65 FEET)	HOUR	75	75
X0327734	TRUCK CRANE	HOUR	25	25

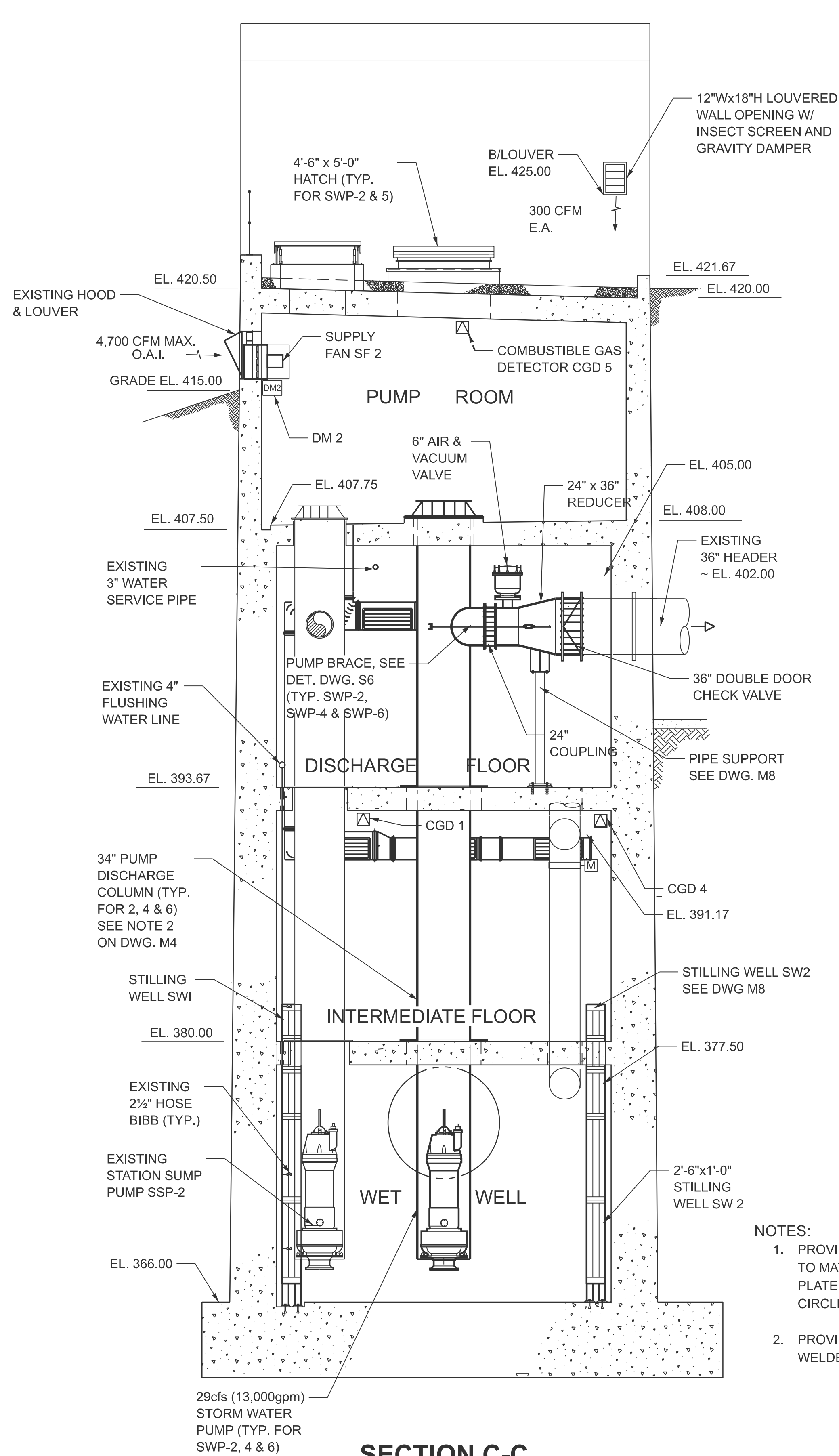
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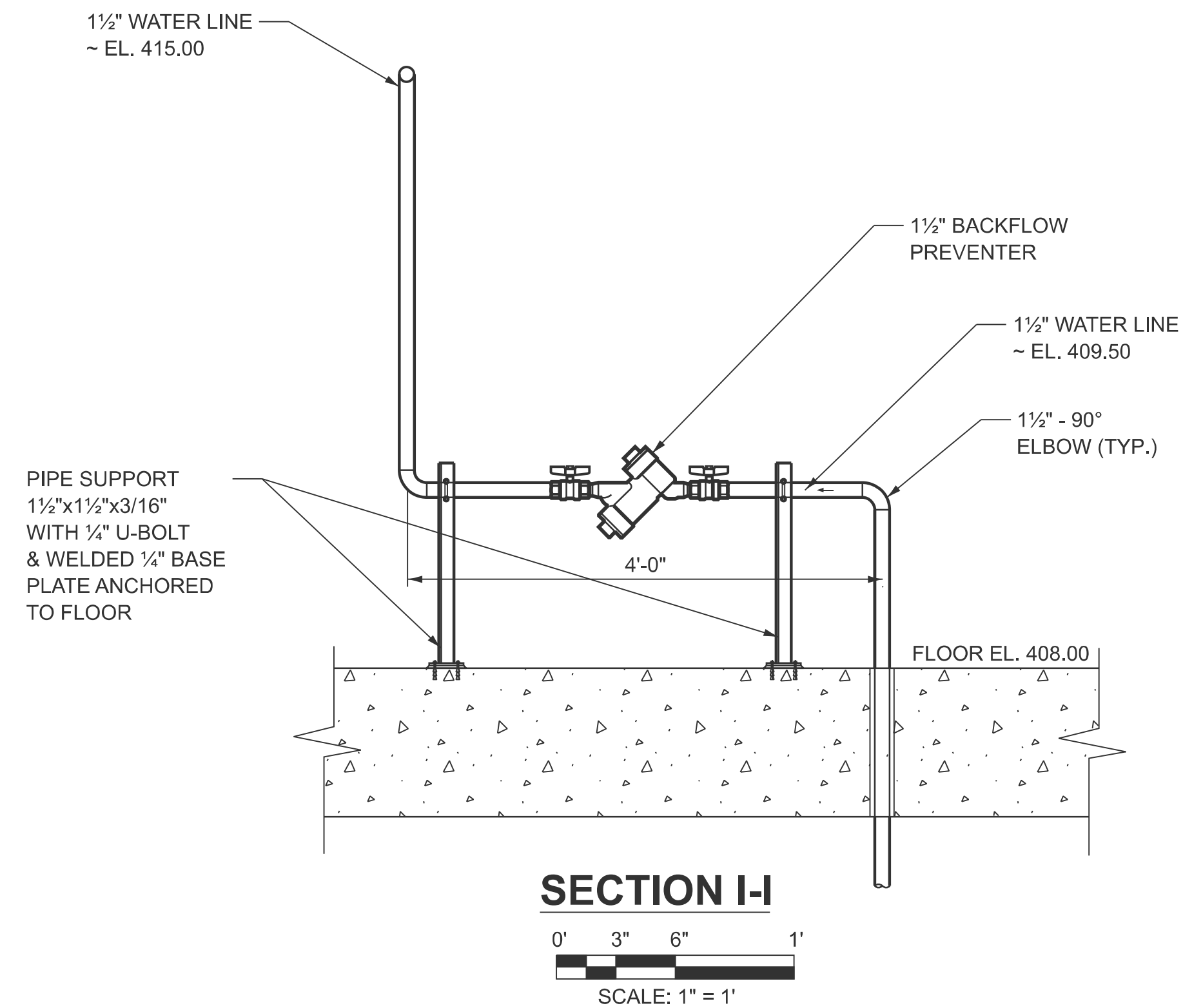


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	DRAWN - SJB		CHECKED - JAG		REVISED -									*	DIST 8 ELECTRICAL 2027-1		*	6	4			
	PLOT DATE = 8/5/2026		DATE - 8/6/2026		REVISED -									* = VARIOUS						CONTRACT NO. 76U92		
														SCALE:		SHEET 4		OF 6		SHEETS		STA.

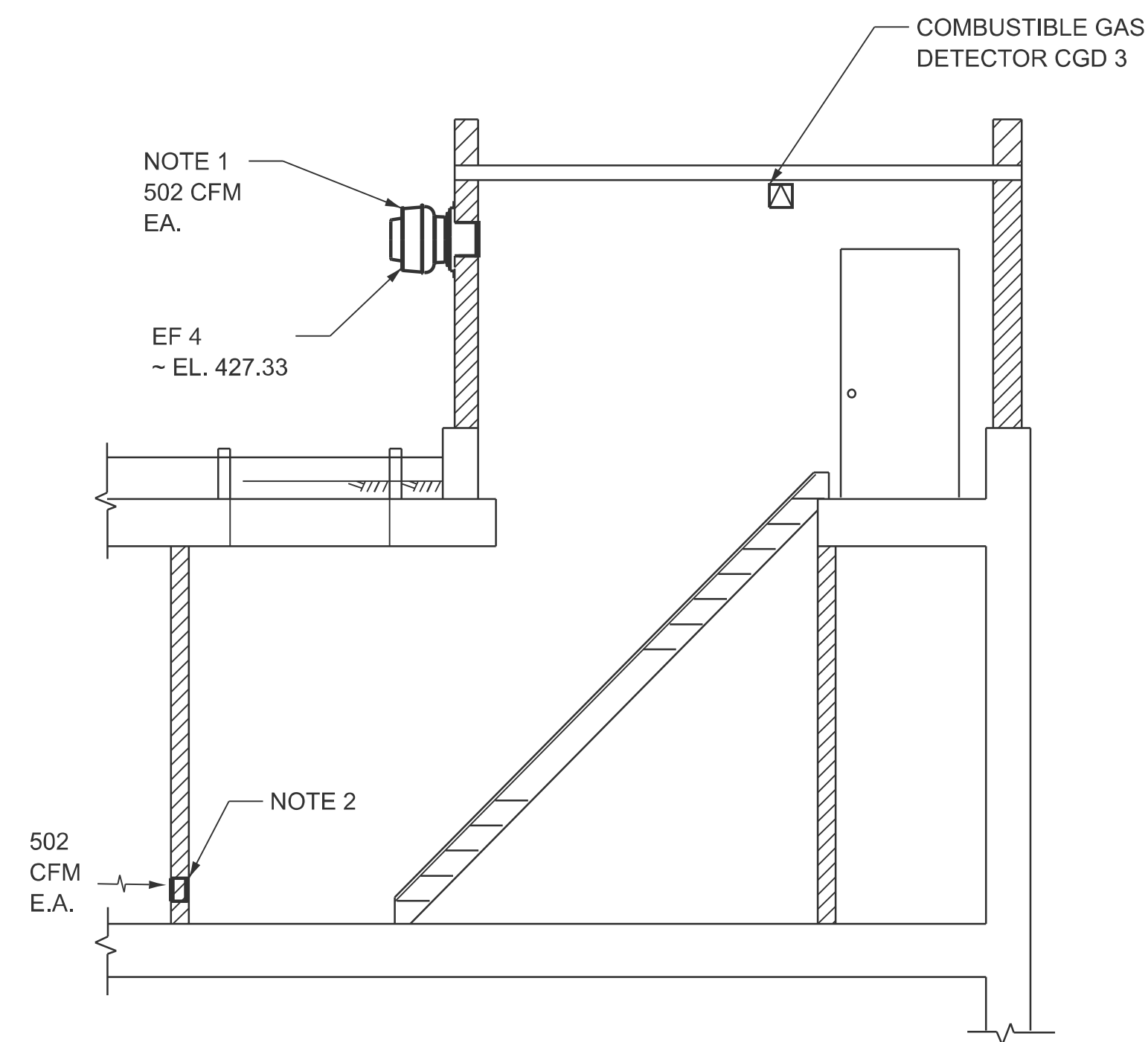
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SECTION C-C



SECTION I-I



SECTION J-J

- NOTES:
1. PROVIDE 10 GA. ALUMINUM MOUNTING PLATE TO MATCH FAN MOUNTING BOLTING PATTERN. PLATE W X H TO BE MINIMUM OF BOLTING CIRCLE DIA. PLUS 4".
 2. PROVIDE 16"W x 8"H, 1/2" x 1/2" 10 GA. ALUM. SCREEN WELDED ALUMINUM GRILLE W/FLANGES (BOTH SIDES)

FOR INFORMATION ONLY



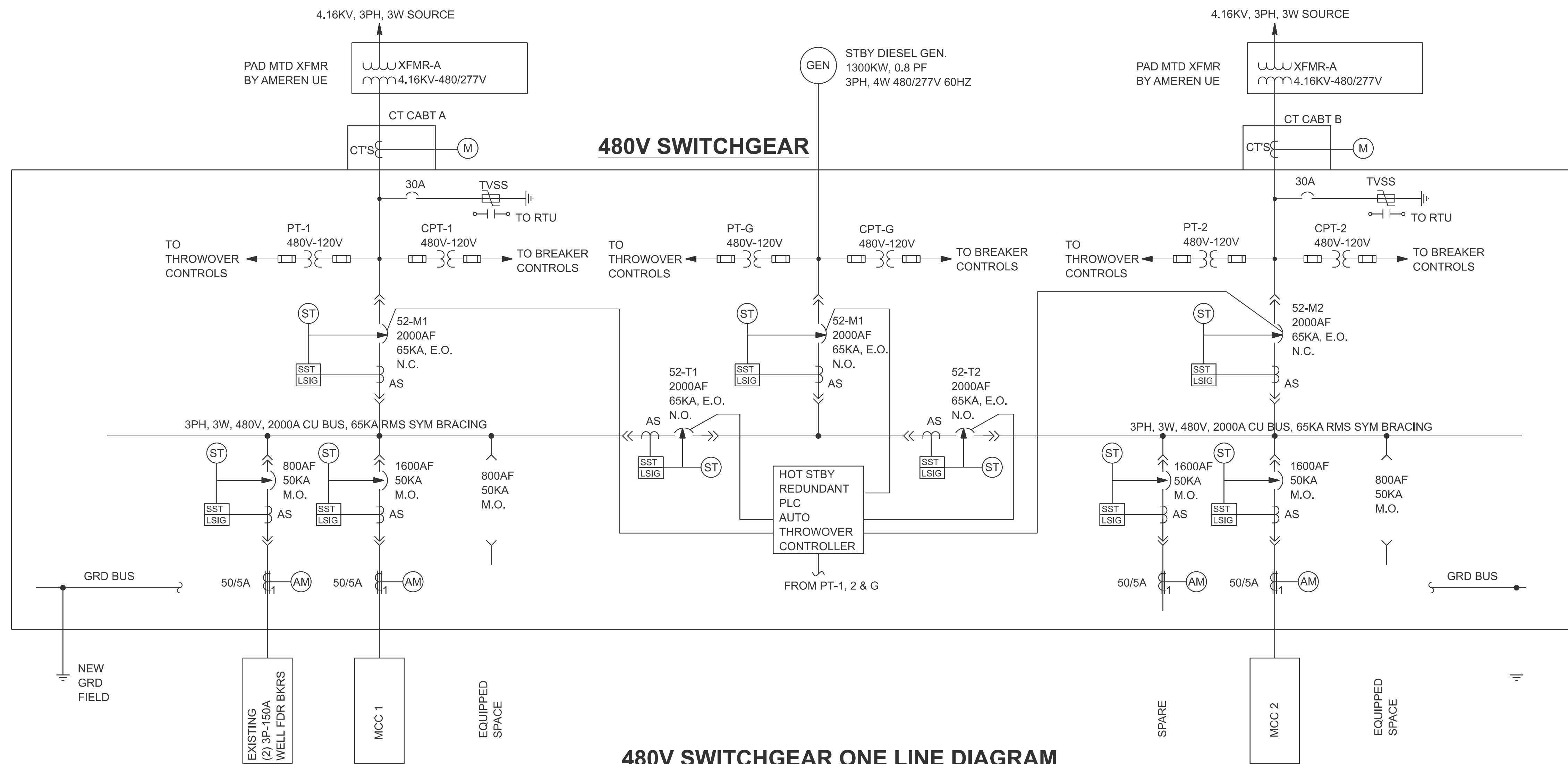
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		DRAWN -	SJB	REVISED -	
		CHECKED -	JAG	REVISED -	
PLOT DATE	= 8/5/2026	DATE	= 8/6/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MECHANICAL SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

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		ILLINOIS	FED. AID PROJECT	

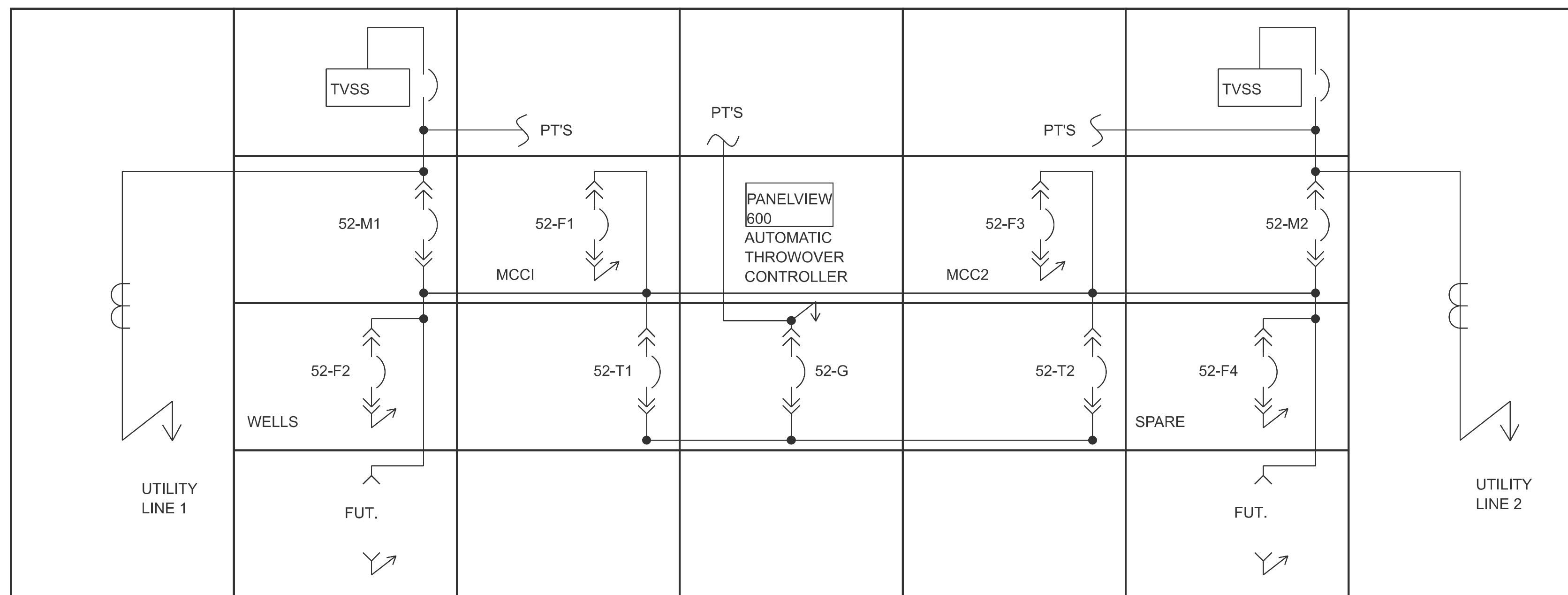


- LEGEND:

AS	CURRENT SENSOR
CT	CURRENT TRANSFORMER
EO	ELECTRIC OPERATOR
MO	MANUALLY OPERATED
MCCB	MOLDED CASE CIRCUIT BREAKER
PT	POTENTIAL TRANSFORMER
CPT	CONTROL POWER TRANSFORMER
CLF	INDICATES CURRENT LIMITING TYPE
	HIGH VOLTAGE CABLE LOAD BREAK CONNECTOR
	FUSE
	DRAW OUT TYPE LOW VOLTAGE POWER CIRCUIT BREAKER WITH BUILT-IN CURRENT SENSOR
	SOLID STATE TRIP DEVICE
	LOWER LETTERS: L - LONG TIME DELAY
	S - SHORT TIME DELAY
	I - INSTANTANEOUS
	G - GROUND FAULT
	SHUNT TRIP
	AMMETER

- NOTES:

1. SPACE SHALL BE PREPARED TO ACCEPT A FUTURE BREAKER.
2. ALL BREAKERS SHALL HAVE DIGITRIP DT-1150. WITH SYSTEM COMMUNICATION.



**FOR INFORMATION
ONLY**