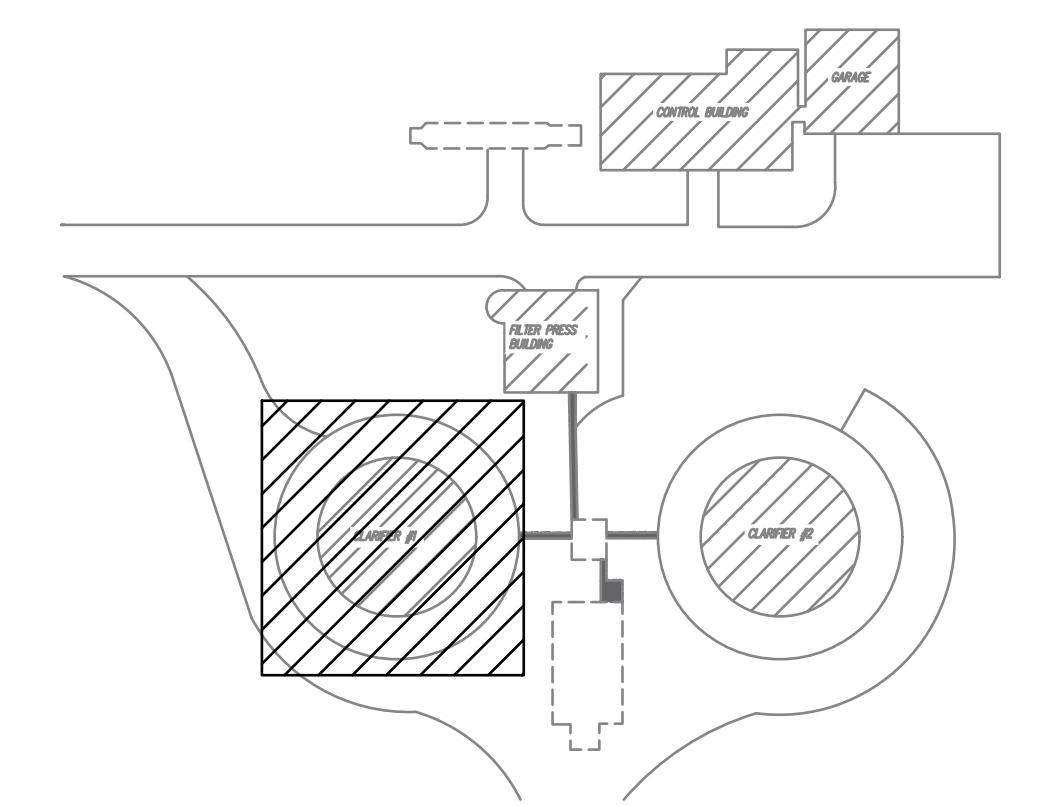
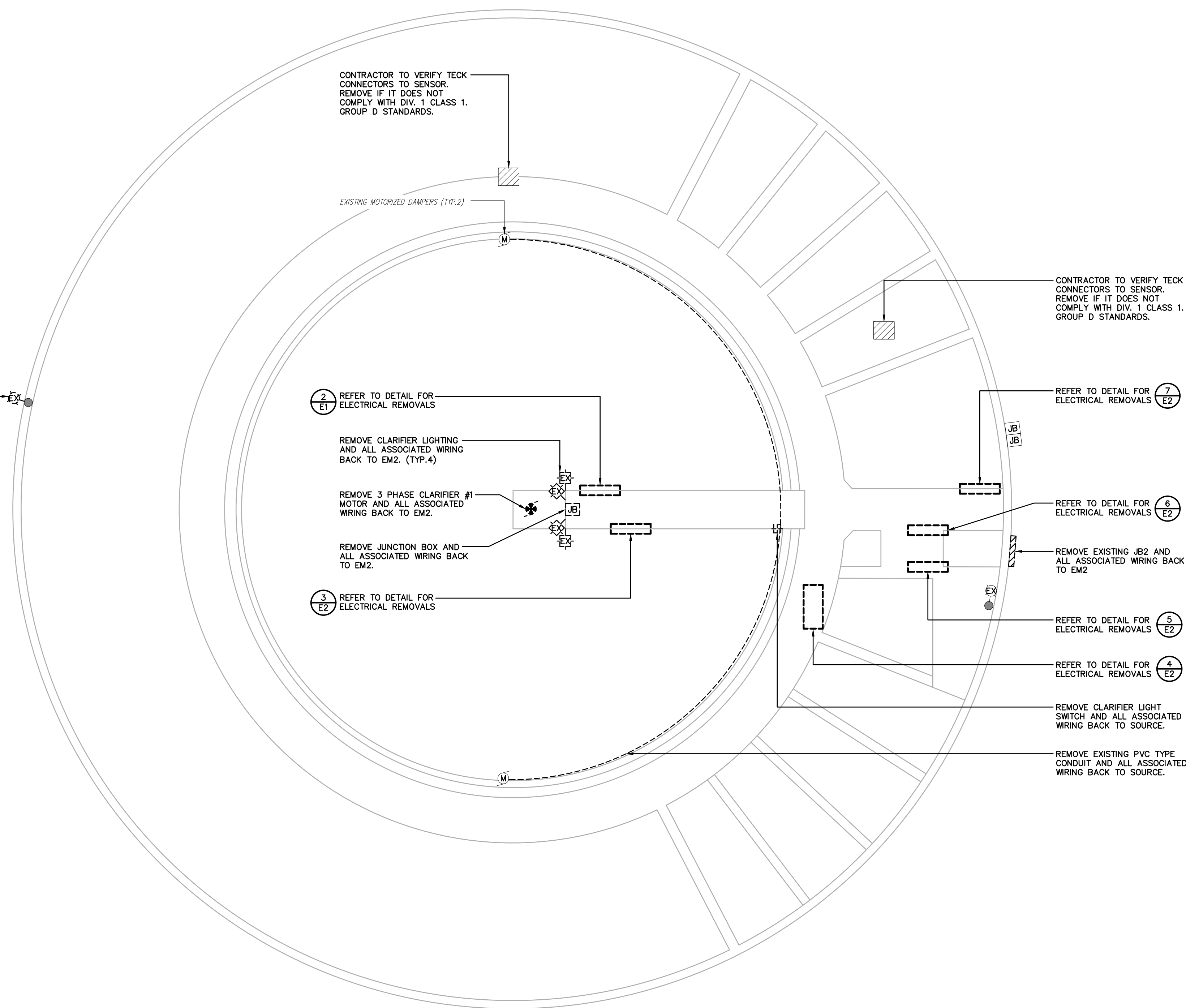


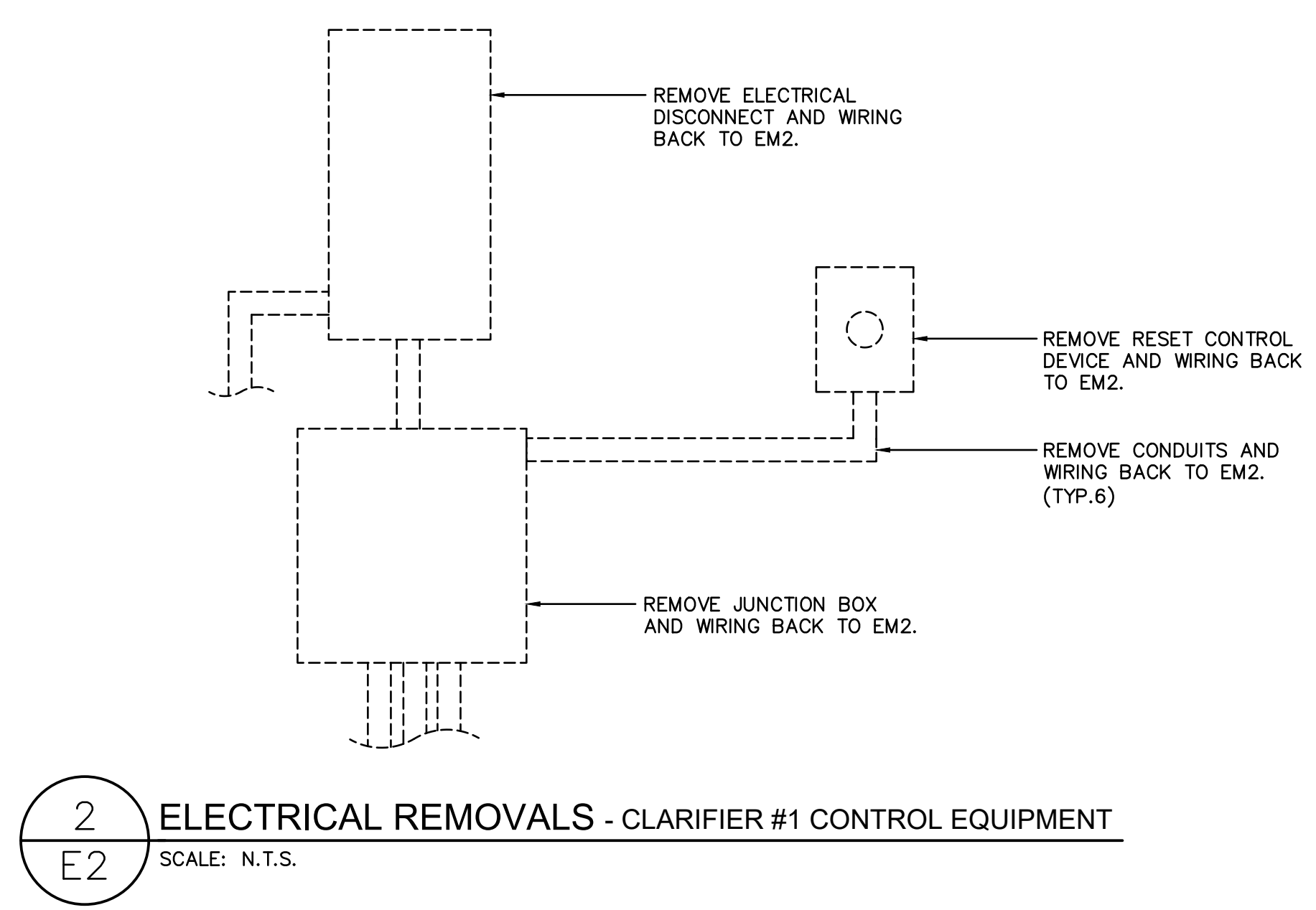
SALVAGE ANY EQUIPMENT THAT IS STILL IN GOOD WORKING ORDER TO BE RELOCATED TO NEW LOCATION. IF EQUIPMENT IS DEEMED UNSAFE TO OPERATE IN AN OUTDOOR ENVIRONMENT THEN REPLACEMENT OF SAID EQUIPMENT IS NECESSARY.

ELECTRICAL LEGEND	
	3-PHASE MOTOR
	SINGLE PHASE MOTOR
	LIGHT FIXTURE
	LIGHT FIXTURE
	ONE-GANG LIGHT SWITCH
	SERVICE PANEL
	LIGHT POLE
	JUNCTION BOX

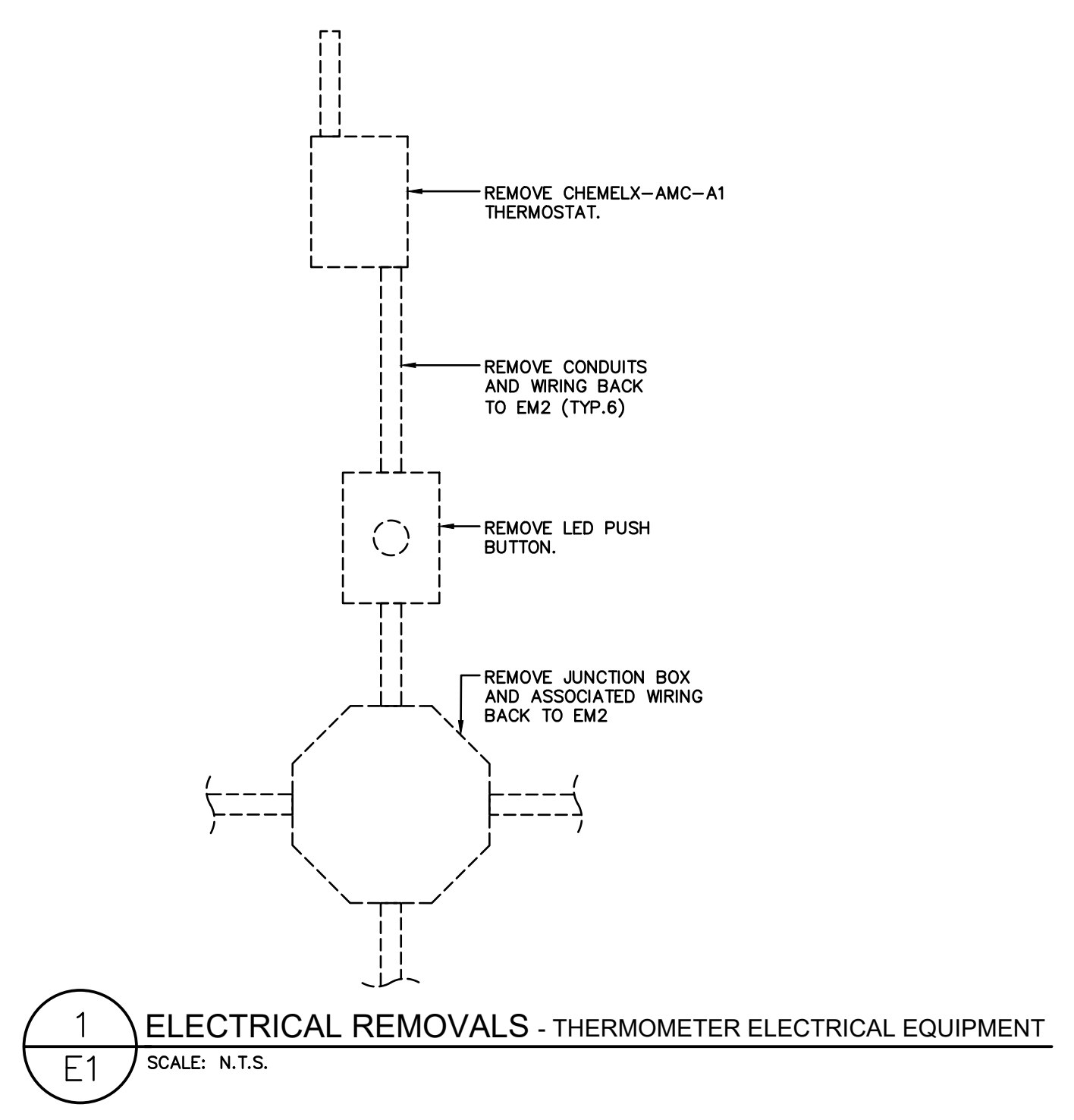


KEY PLAN
SCALE: N.T.S.

CLARIFIER #1 - ELECTRICAL DEMOLITION
SCALE: N.T.S.



2
E2
ELECTRICAL REMOVALS - CLARIFIER #1 CONTROL EQUIPMENT
SCALE: N.T.S.



1
E1
ELECTRICAL REMOVALS - THERMOMETER ELECTRICAL EQUIPMENT
SCALE: N.T.S.

No.	Revision	Date	Initial
B	ISSUED FOR CLIENT REVIEW	MAR. 12/26	JK
A	ISSUED FOR CONSTRUCTION	DEC. 19/25	JK

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2. DRAWING SHOWS GENERAL ARRANGEMENT ONLY. DO NOT SCALE.

Approved	Approved
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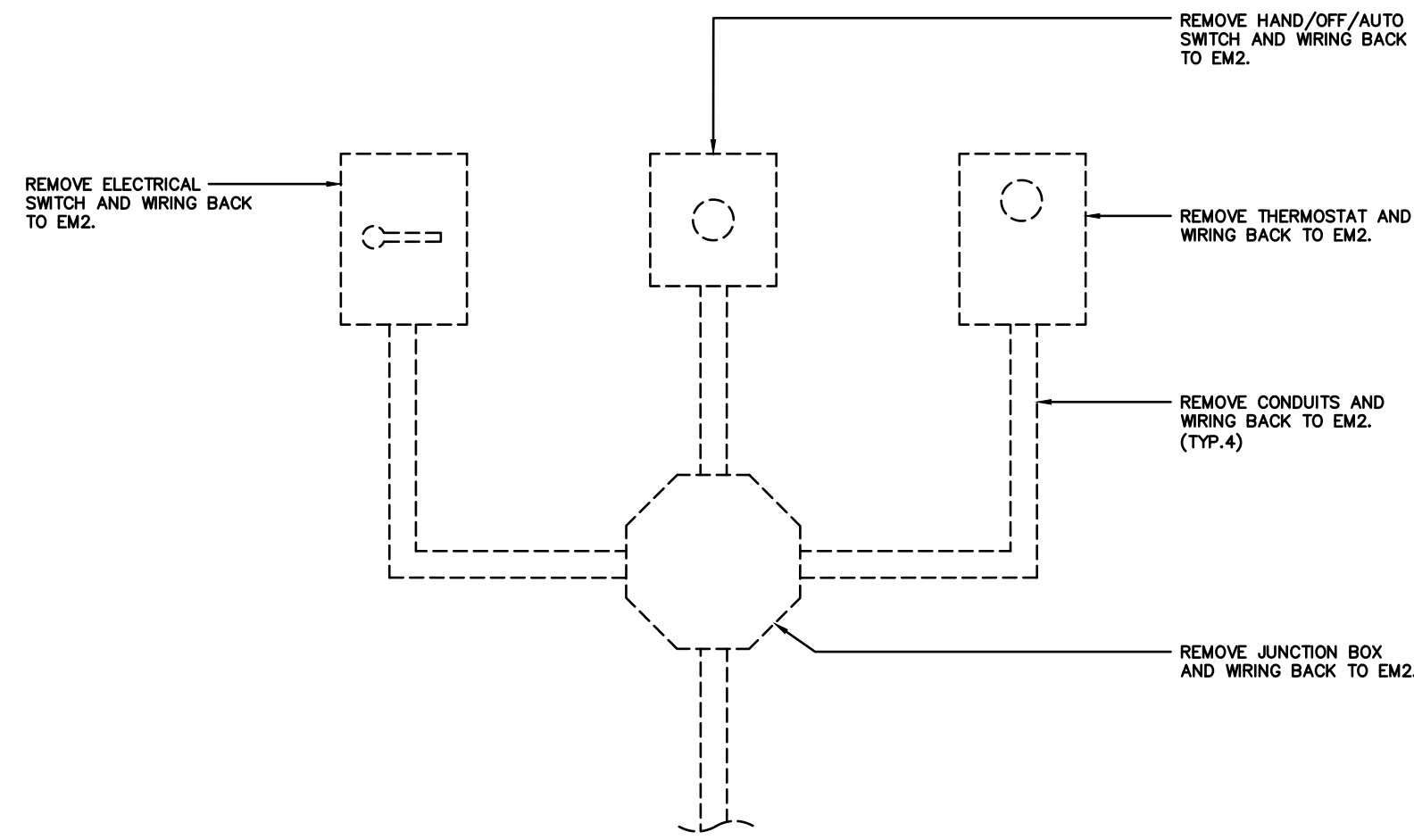
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WASTE WATER TREATMENT PLANT RENOVATION
 MARATHON ONTARIO

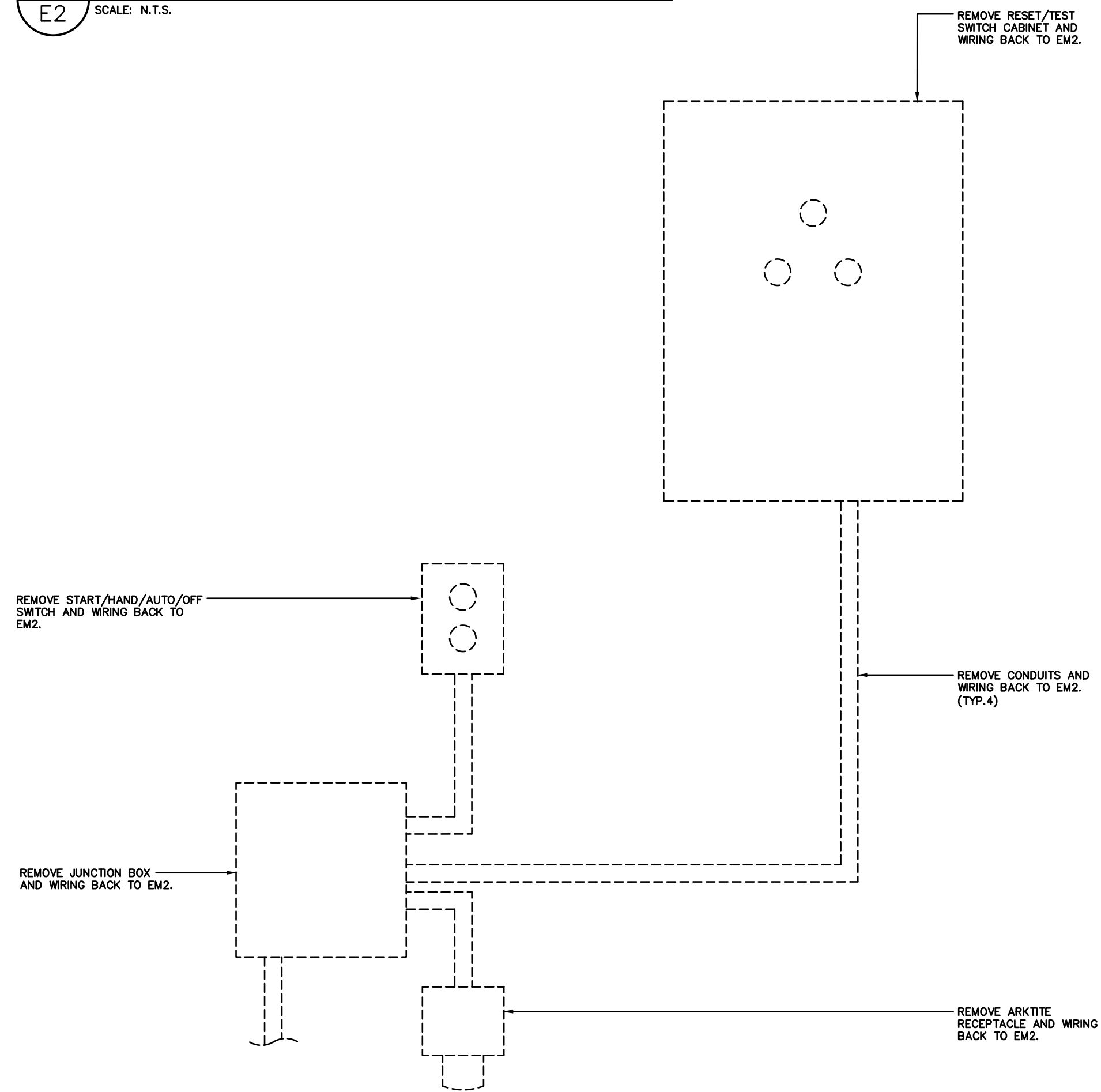
**ELECTRICAL
 ELECTRICAL EQUIPMENT RELOCATION
 CLARIFIER #1**

Scale: AS SHOWN	Drawn By: GD Ckd. By: JK Dwg. No.: 25-055-E1	Date: MARCH 2026	Rev. B
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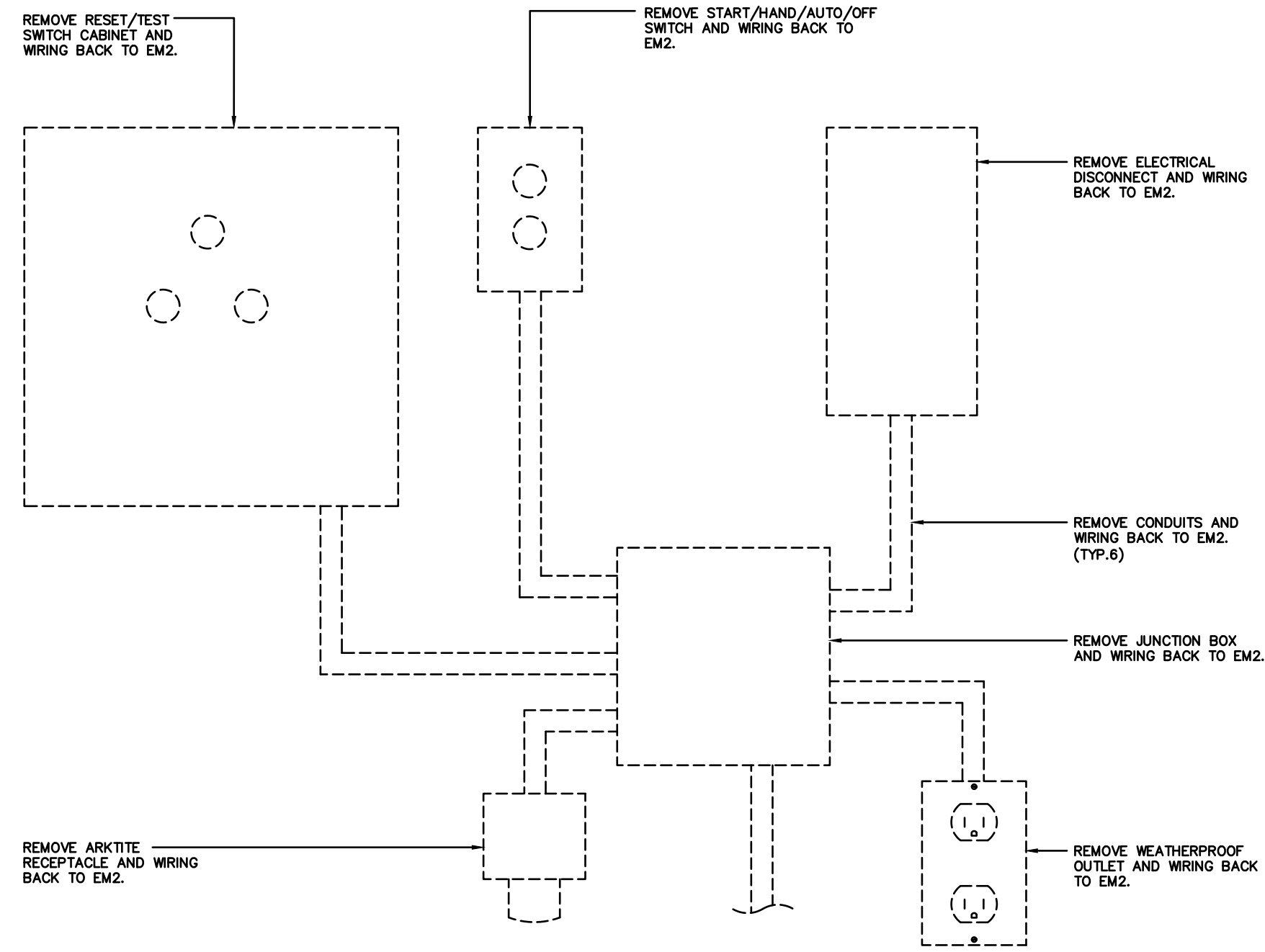
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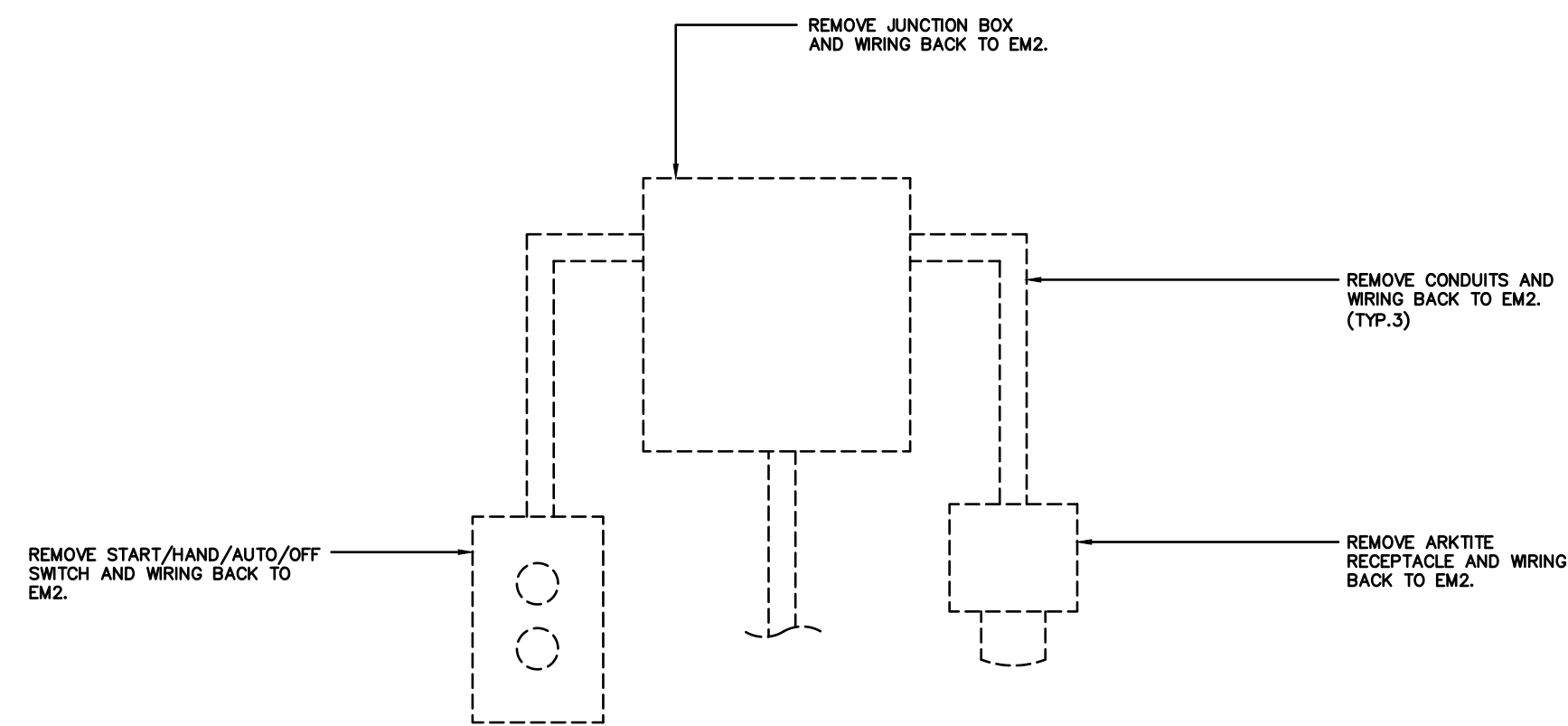
3 ELECTRICAL REMOVALS - CLARIFIER #1/2 ELECTRICAL EQUIPMENT
SCALE: N.T.S.



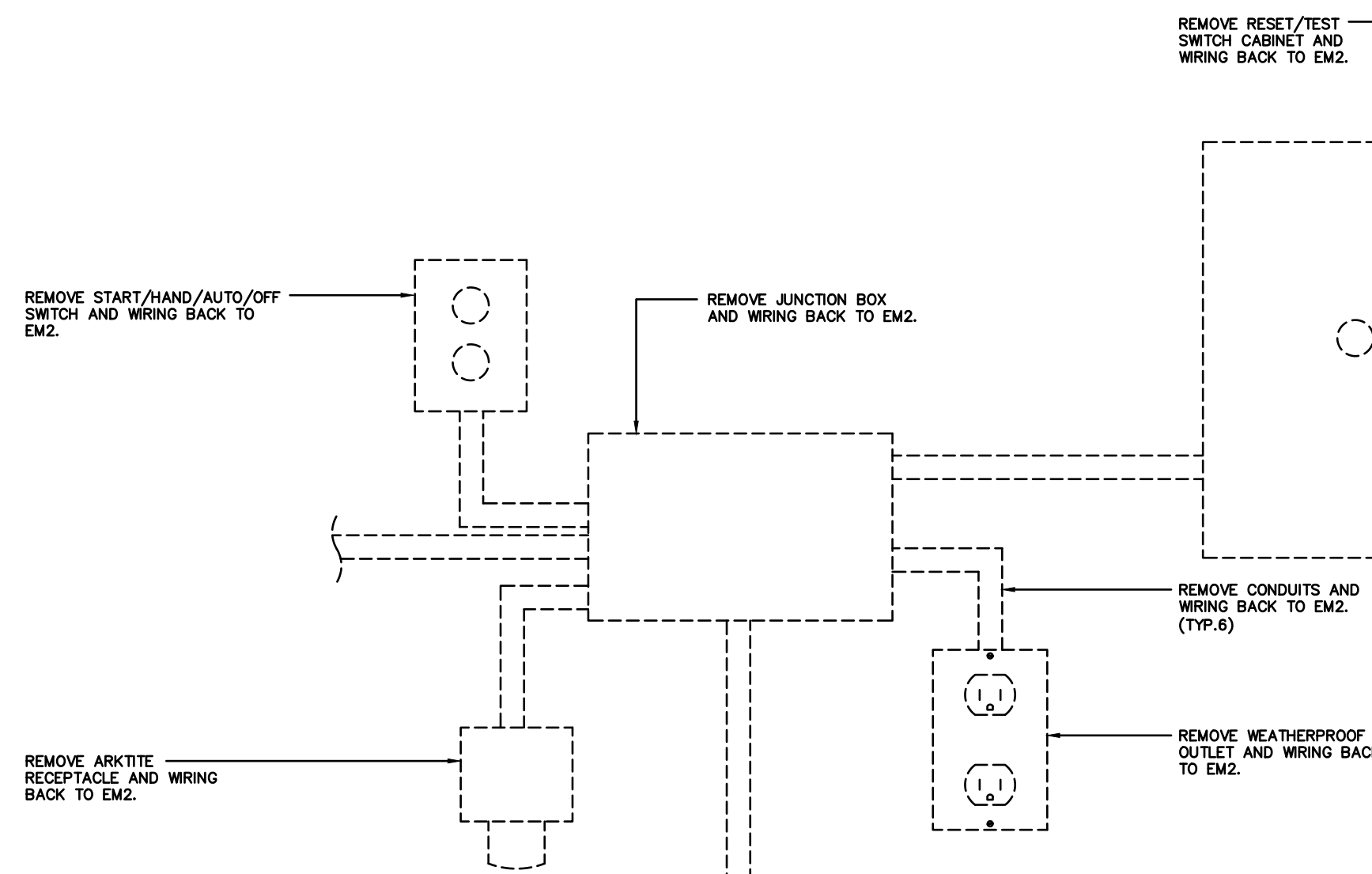
4 ELECTRICAL REMOVALS - SCUM PUMP ELECTRICAL EQUIPMENT
SCALE: N.T.S.



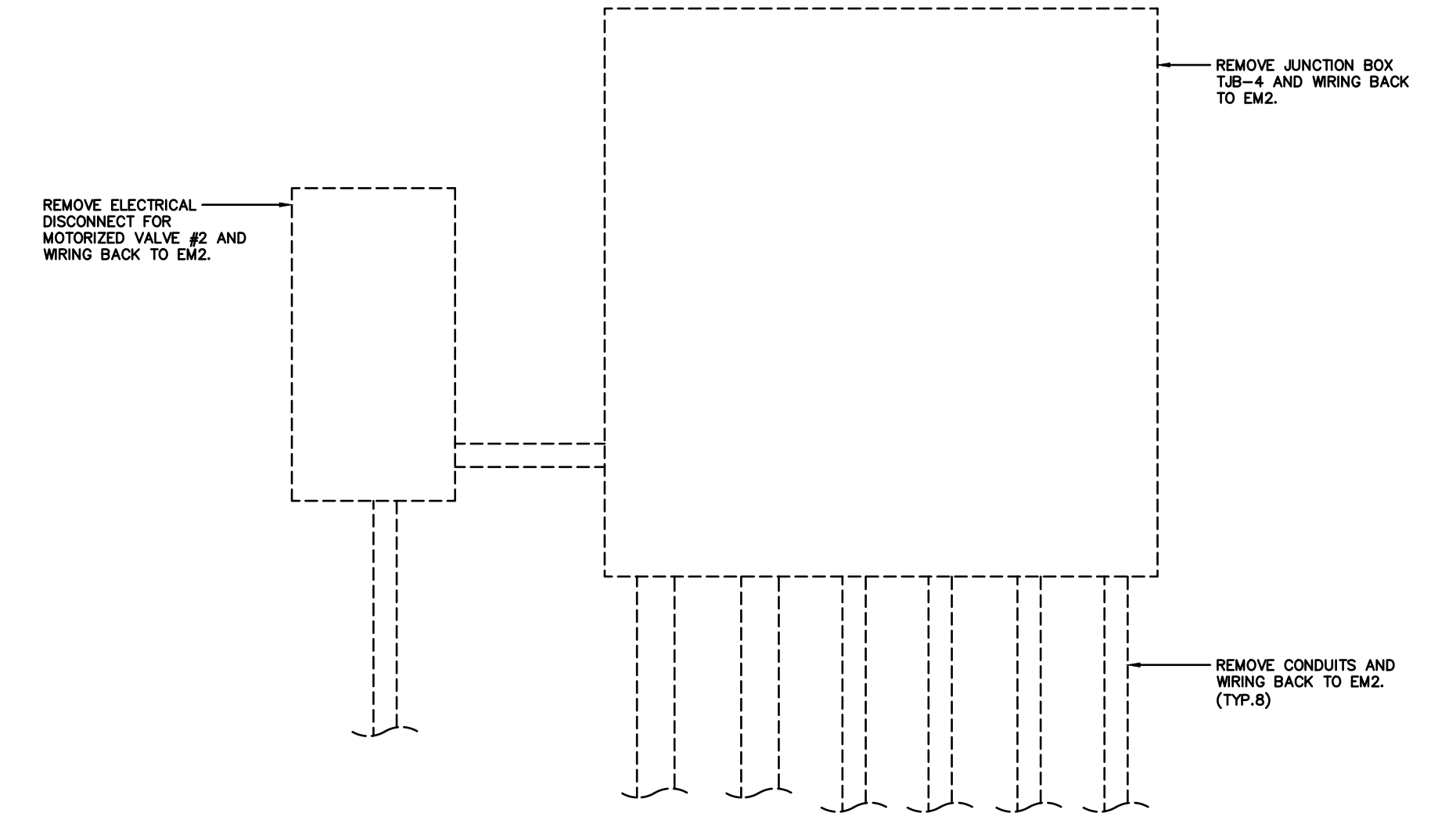
5 ELECTRICAL REMOVALS - MOTORIZED VALVE #1 ELECTRICAL EQUIPMENT
SCALE: N.T.S.



6 ELECTRICAL REMOVALS - ELECTRICAL EQUIPMENT
SCALE: N.T.S.



7 ELECTRICAL REMOVALS - SLUDGE PUMP ELECTRICAL EQUIPMENT
SCALE: N.T.S.



8 ELECTRICAL REMOVALS - MOTORIZED VALVE #2 ELECTRICAL EQUIPMENT
SCALE: N.T.S.

No.	Revision	Date	Initial
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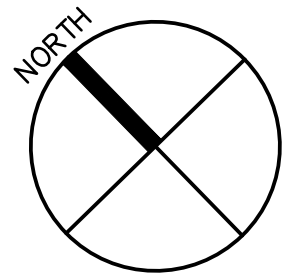
Approved	Approved
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WASTE WATER TREATMENT PLANT RENOVATION
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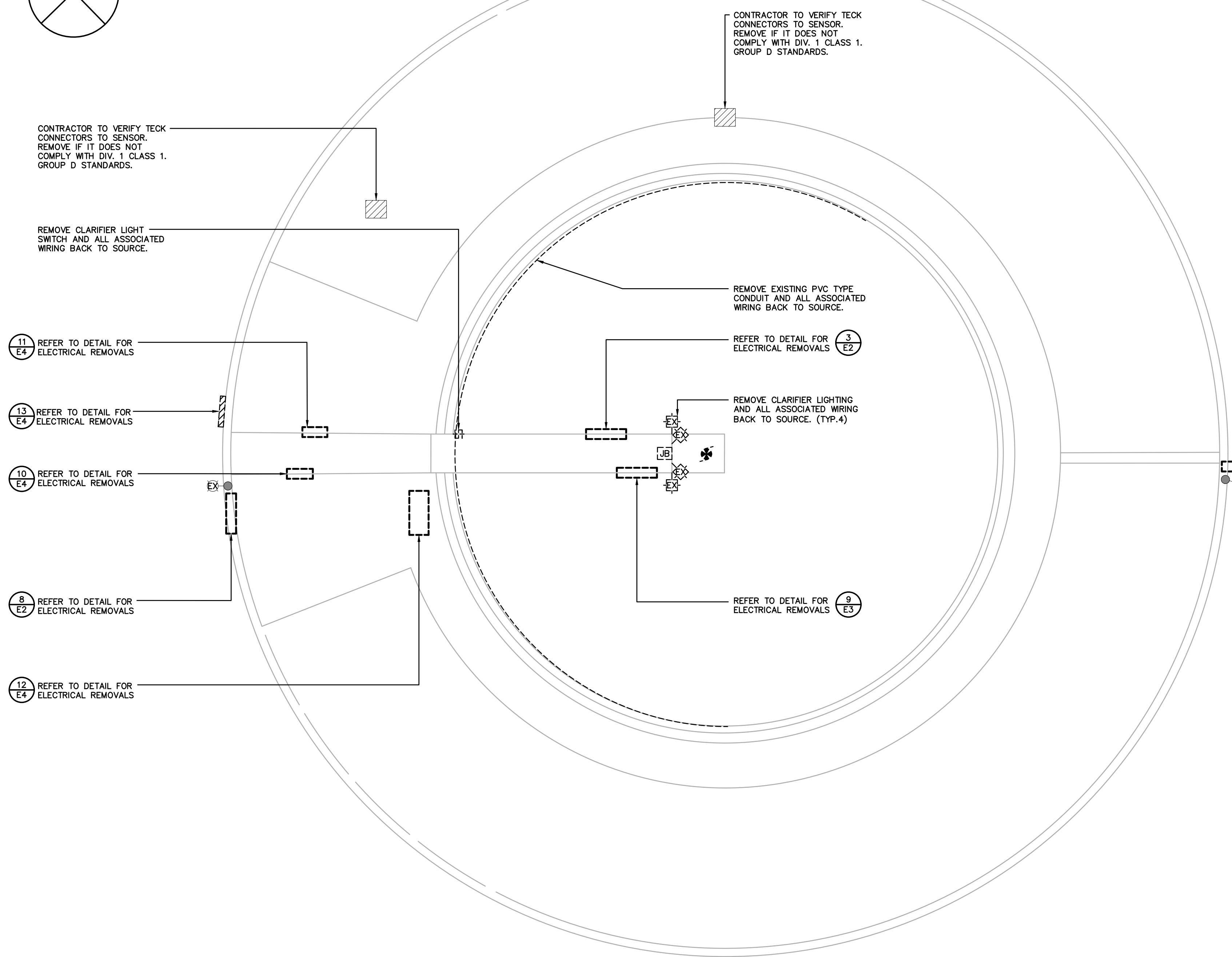
ELECTRICAL
CLAIRIFIER ELECTRICAL REMOVALS
DETAILS

Scale: AS SHOWN	Drawn By: GD Ckd. By: JK	Date: MARCH 2026
Dwg. No.: 25-055-E2		Rev. B



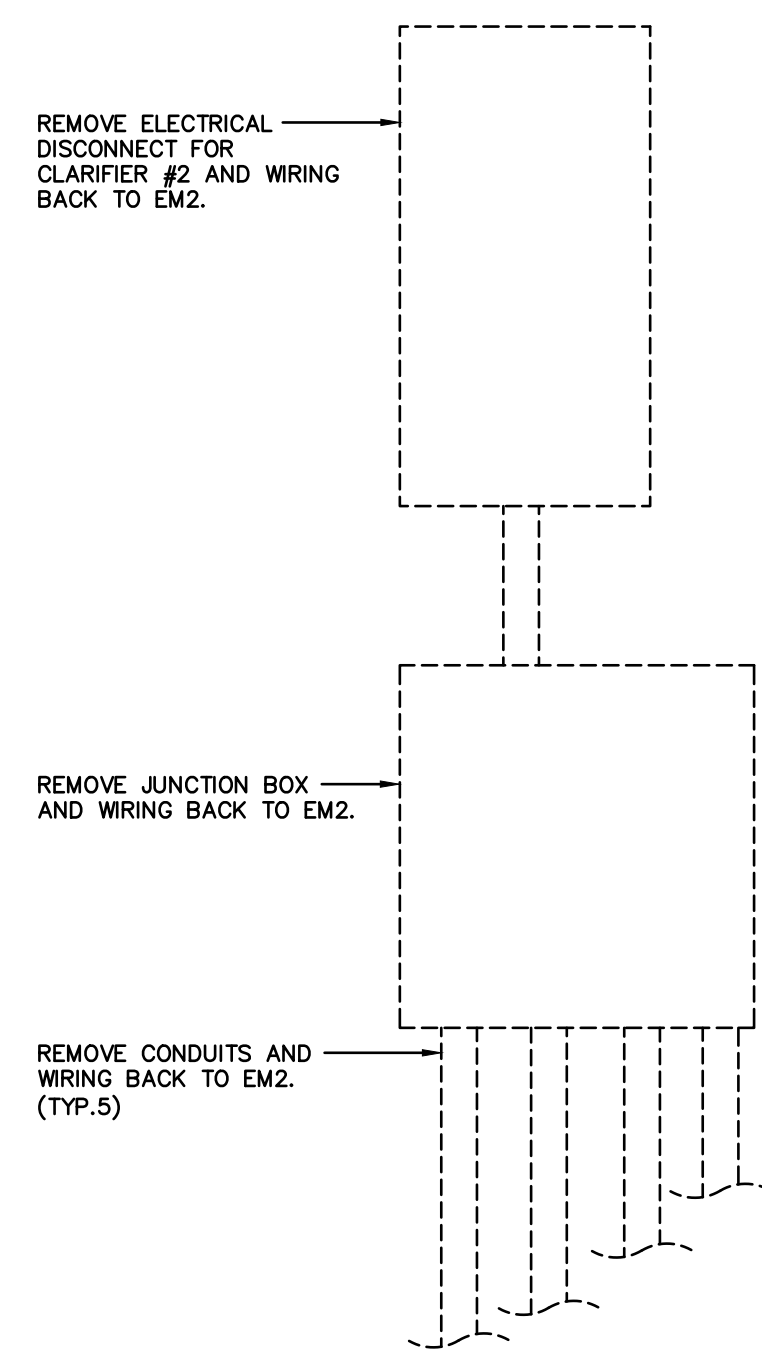
SALVAGE ANY EQUIPMENT THAT IS STILL IN GOOD WORKING ORDER TO BE RELOCATED TO NEW LOCATION. IF EQUIPMENT IS DEEMED UNSAFE TO OPERATE IN AN OUTDOOR ENVIRONMENT THEN REPLACEMENT OF SAID EQUIPMENT IS NECESSARY.

ELECTRICAL LEGEND	
	3-PHASE MOTOR
	SINGLE PHASE MOTOR
	LIGHT FIXTURE
	LIGHT FIXTURE
	ONE-GANG LIGHT SWITCH
	SERVICE PANEL
	LIGHT POLE
	JUNCTION BOX

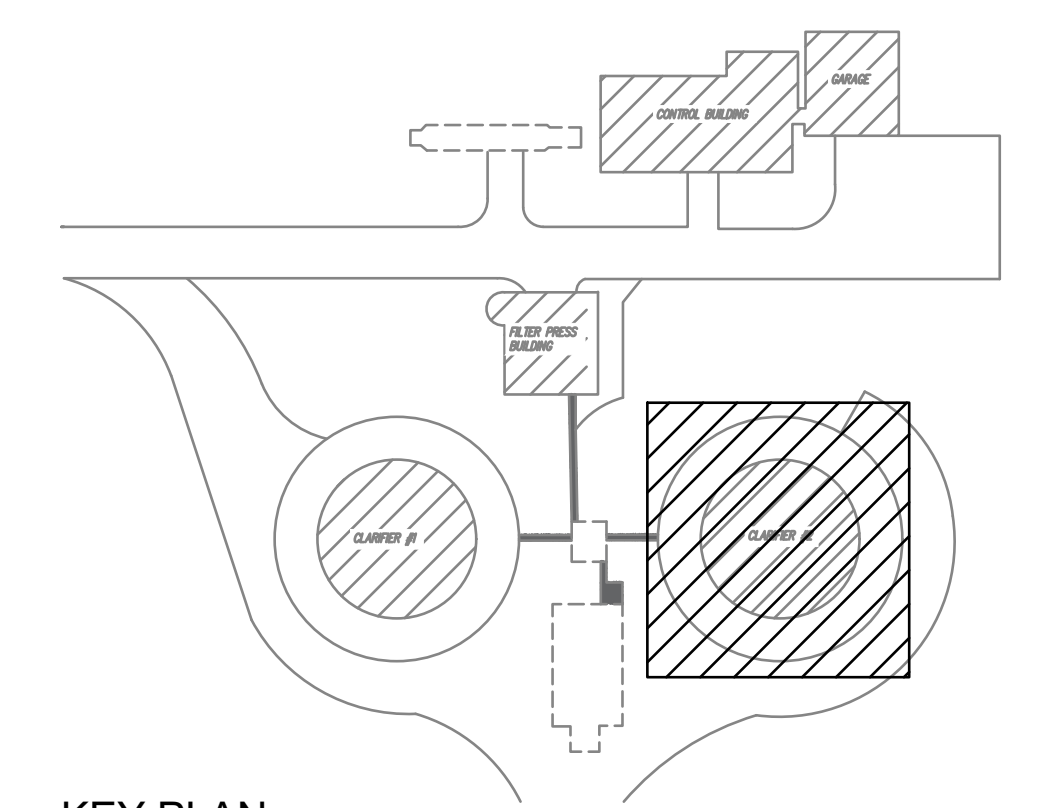


- 11 REFER TO DETAIL FOR ELECTRICAL REMOVALS E4
- 13 REFER TO DETAIL FOR ELECTRICAL REMOVALS E4
- 10 REFER TO DETAIL FOR ELECTRICAL REMOVALS E4
- 8 REFER TO DETAIL FOR ELECTRICAL REMOVALS E2
- 12 REFER TO DETAIL FOR ELECTRICAL REMOVALS E4

REFER TO DETAIL FOR ELECTRICAL REMOVALS 1 E1



9 ELECTRICAL REMOVALS - CLARIFIER #2 ELECTRICAL EQUIPMENT E3 SCALE: N.T.S.



KEY PLAN SCALE: N.T.S.

CLARIFIER #2- ELECTRICAL DEMOLITION SCALE: N.T.S.

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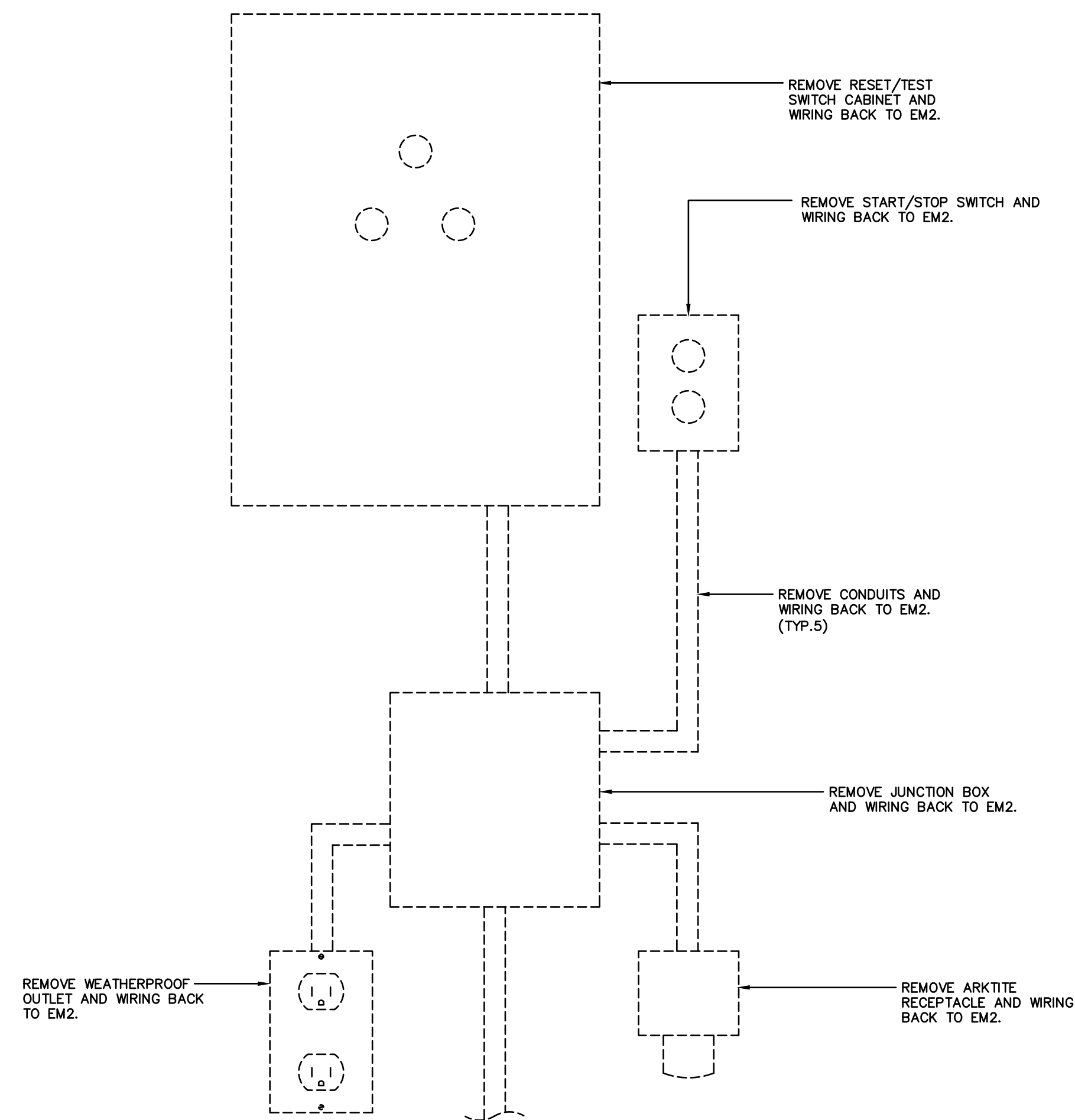
Approved	Approved
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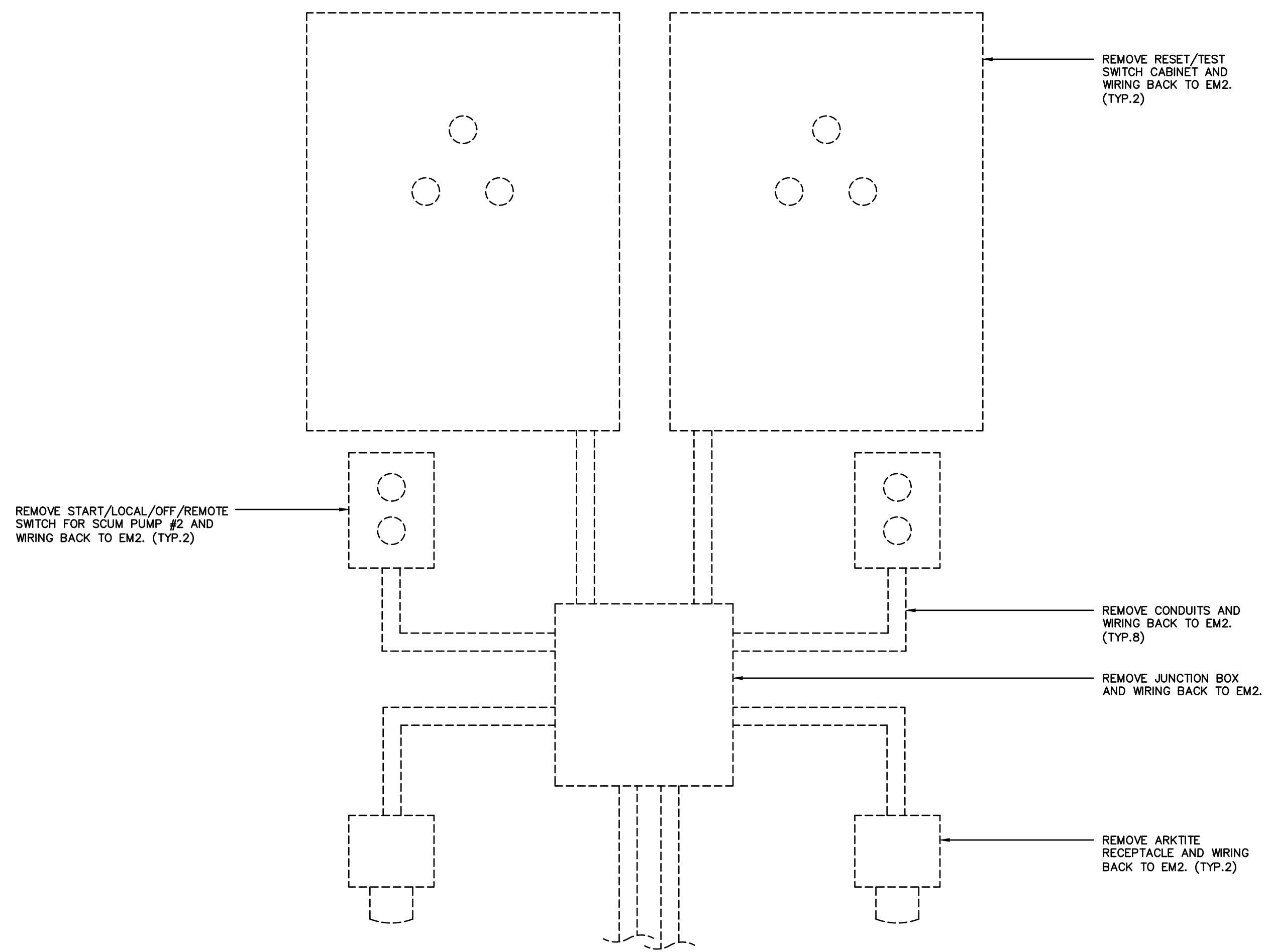
WASTE WATER TREATMENT PLANT RENOVATION
 MARATHON ONTARIO

ELECTRICAL EQUIPMENT RELOCATION CLARIFIER #2

Scale: AS SHOWN	Drawn By: GD Ckd. By: JK Dwg. No.: 25-055-E3	Date: MARCH 2026 Rev. B
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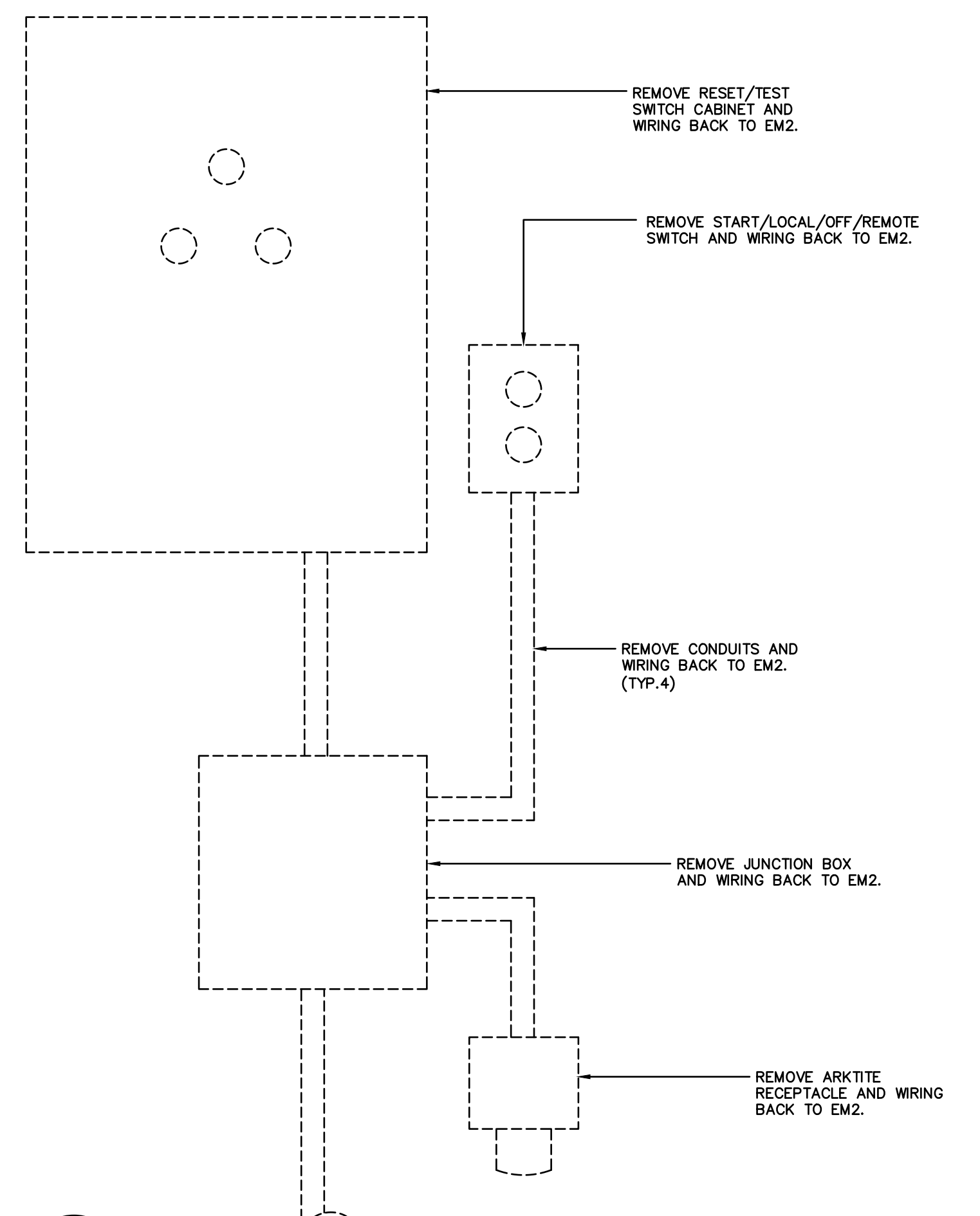


10 ELECTRICAL REMOVALS - SUPERNATANT PUMP #2 ELECTRICAL EQUIPMENT
E4 SCALE: N.T.S.

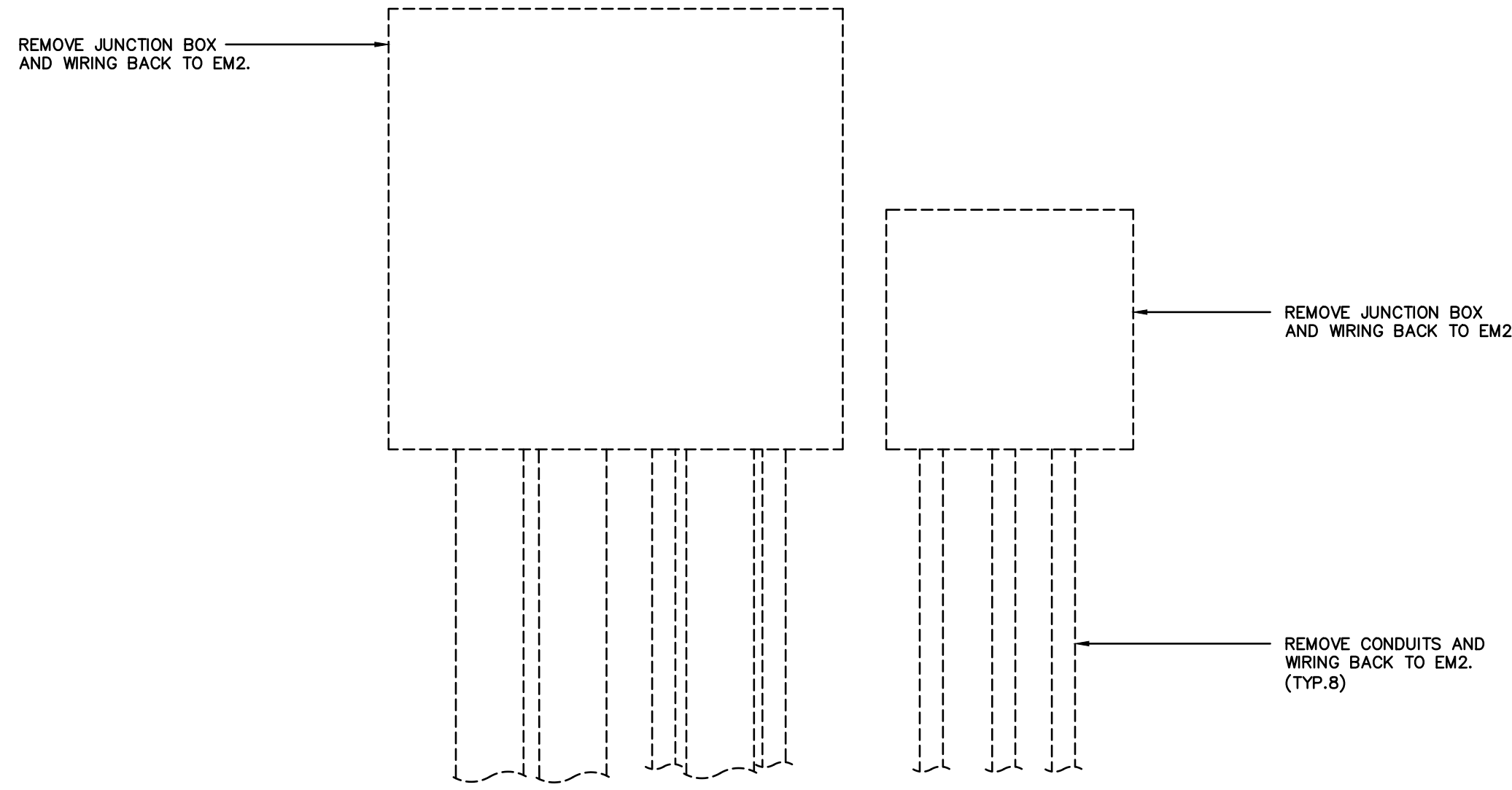


12 ELECTRICAL REMOVALS - SCUM PUMP #2 / RETURN SLUDGE PUMP #2 ELECTRICAL EQUIPMENT
E4 SCALE: N.T.S.

SALVAGE ANY EQUIPMENT THAT IS STILL IN GOOD WORKING ORDER TO BE RELOCATED TO NEW LOCATION. IF EQUIPMENT IS DEEMED UNSAFE TO OPERATE IN AN OUTDOOR ENVIRONMENT THEN REPLACEMENT OF SAID EQUIPMENT IS NECESSARY.



11 ELECTRICAL REMOVALS - SLUDGE REMOVAL PUMP #2 ELECTRICAL EQUIPMENT
E4 SCALE: N.T.S.



13 ELECTRICAL REMOVALS - JUNCTION BOXES FOR CLARIFIER #2
E4 SCALE: N.T.S.

No.	Revision	Date	Initial
B	ISSUED FOR CLIENT REVIEW	MAR. 12/26	JK
A	ISSUED FOR CONSTRUCTION	DEC. 19/25	JK

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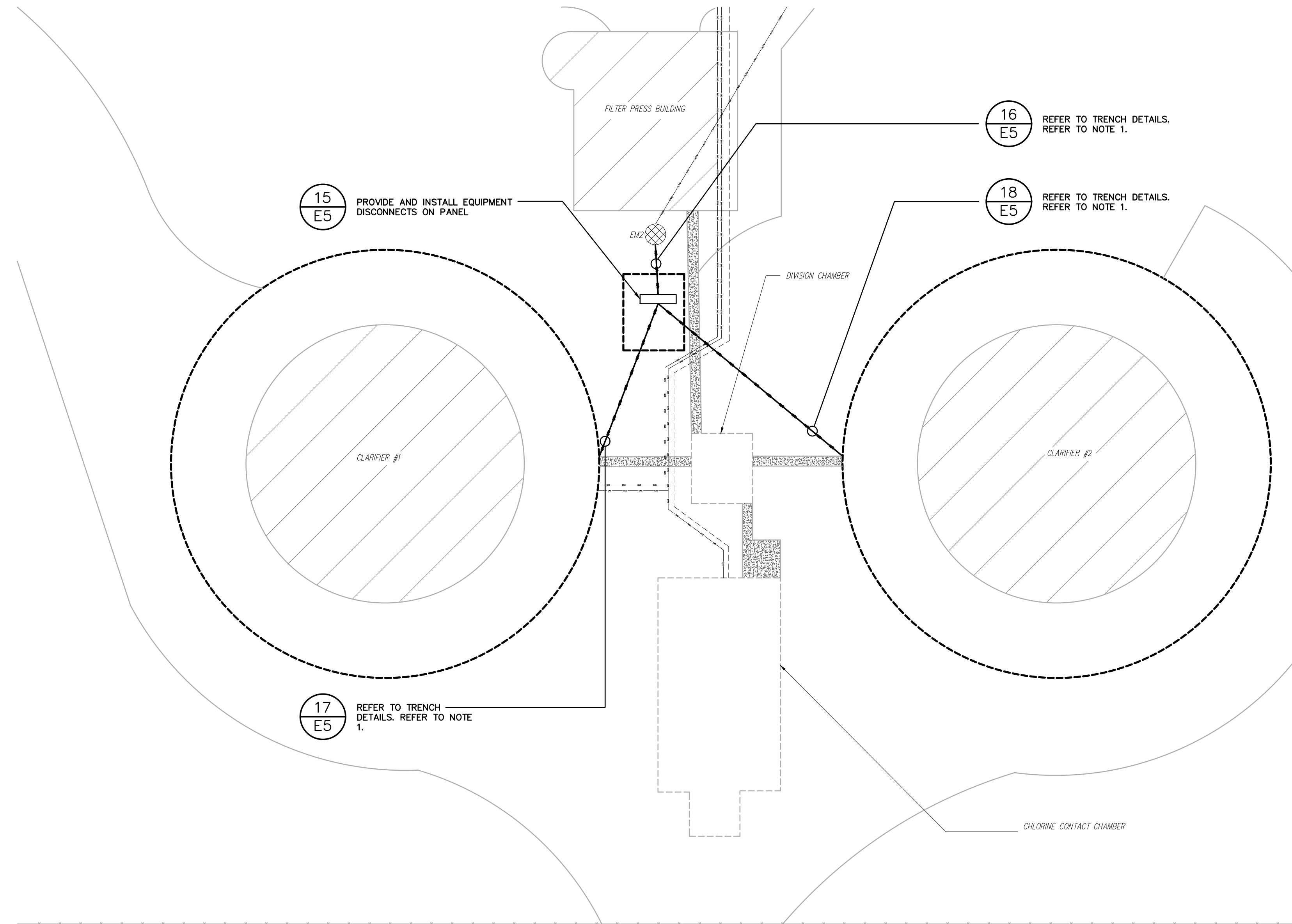
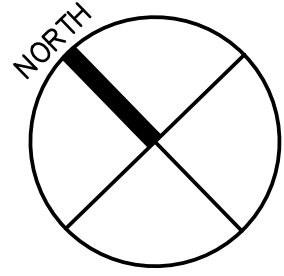
Approved	Approved
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WASTE WATER TREATMENT PLANT RENOVATION
MARATHON ONTARIO

ELECTRICAL EQUIPMENT RELOCATION DETAILS

Scale: AS SHOWN	Drawn By: GD Ckd. By: JK	Date: MARCH 2026
Dwg. No.: 25-055-E4	Rev. B	



NOTES:
 1. TECK CABLE WILL PERTRUDE EARTH ONCE EDGE OF CLARIFIER IS REACHED, FROM THAT POINT UNTIL CONNECTION TO EQUIPMENT SHALL BE SURFACE MOUNTED.

CLARIFIER ELECTRICAL EQUIPMENT MUST BE RELOCATED AT LEAST 3 METERS FROM CLARIFIERS ACCORDING TO NFPA 820 CODE AND REGULATIONS

LOCATION OF EXISTING ELECTRICAL MANHOLES COULD NOT BE VERIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND EXPOSING EXISTING ELECTRICAL MANHOLES WITHIN PROJECT. ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND DESIGN SHALL BE BROUGHT TO ATTENTION TO ENGINEER IMMEDIATELY. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER TO OBTAIN ACCESS AND CONFIRM CONDITIONS.

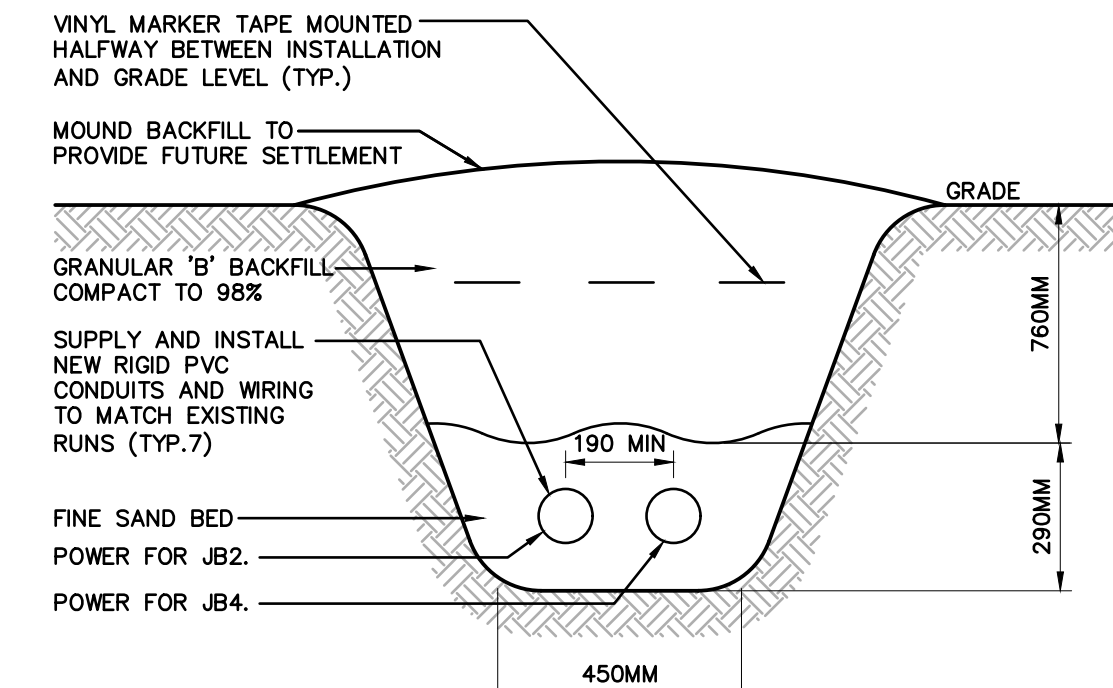
UNDERGROUND ELECTRICAL & MECHANICAL SERVICES EXIST ON THE PROPERTY. CONTRACTOR TO PERFORM A LOCATE TO MAKE THEMSELVES AWARE OF THEIR LOCATION AND TAKE CARE WHEN EXCAVATING IN THEIR VICINITY.

15
E5
PROVIDE AND INSTALL EQUIPMENT DISCONNECTS ON PANEL

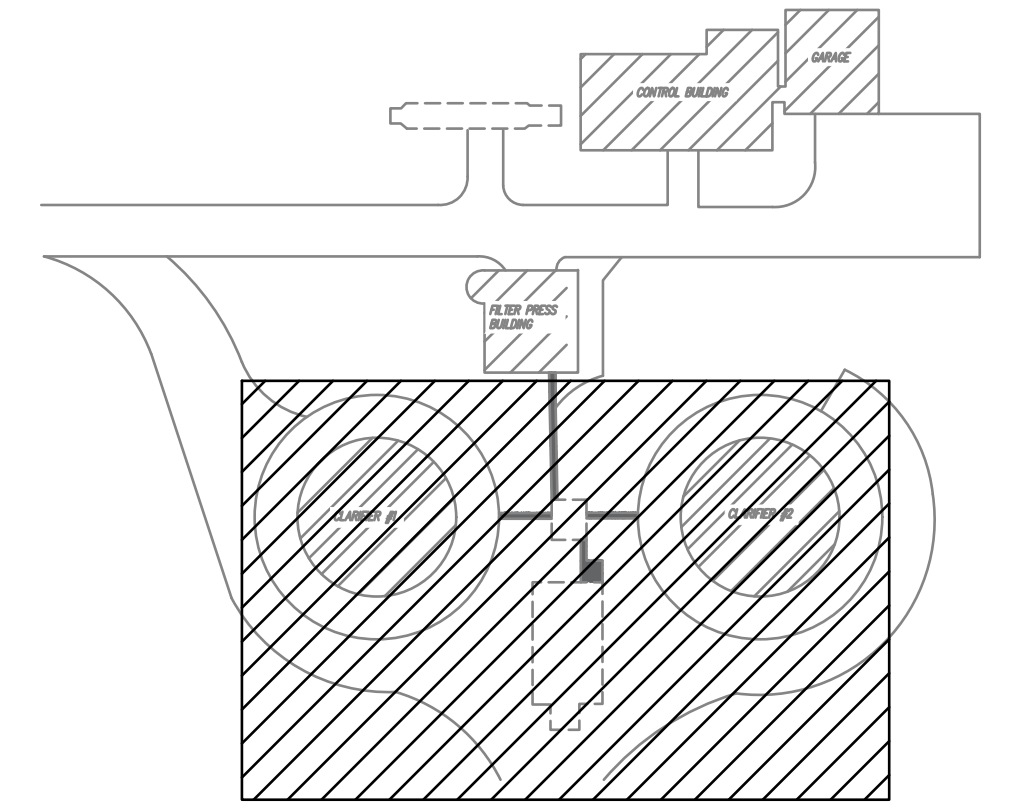
16
E5
REFER TO TRENCH DETAILS. REFER TO NOTE 1.

18
E5
REFER TO TRENCH DETAILS. REFER TO NOTE 1.

17
E5
REFER TO TRENCH DETAILS. REFER TO NOTE 1.

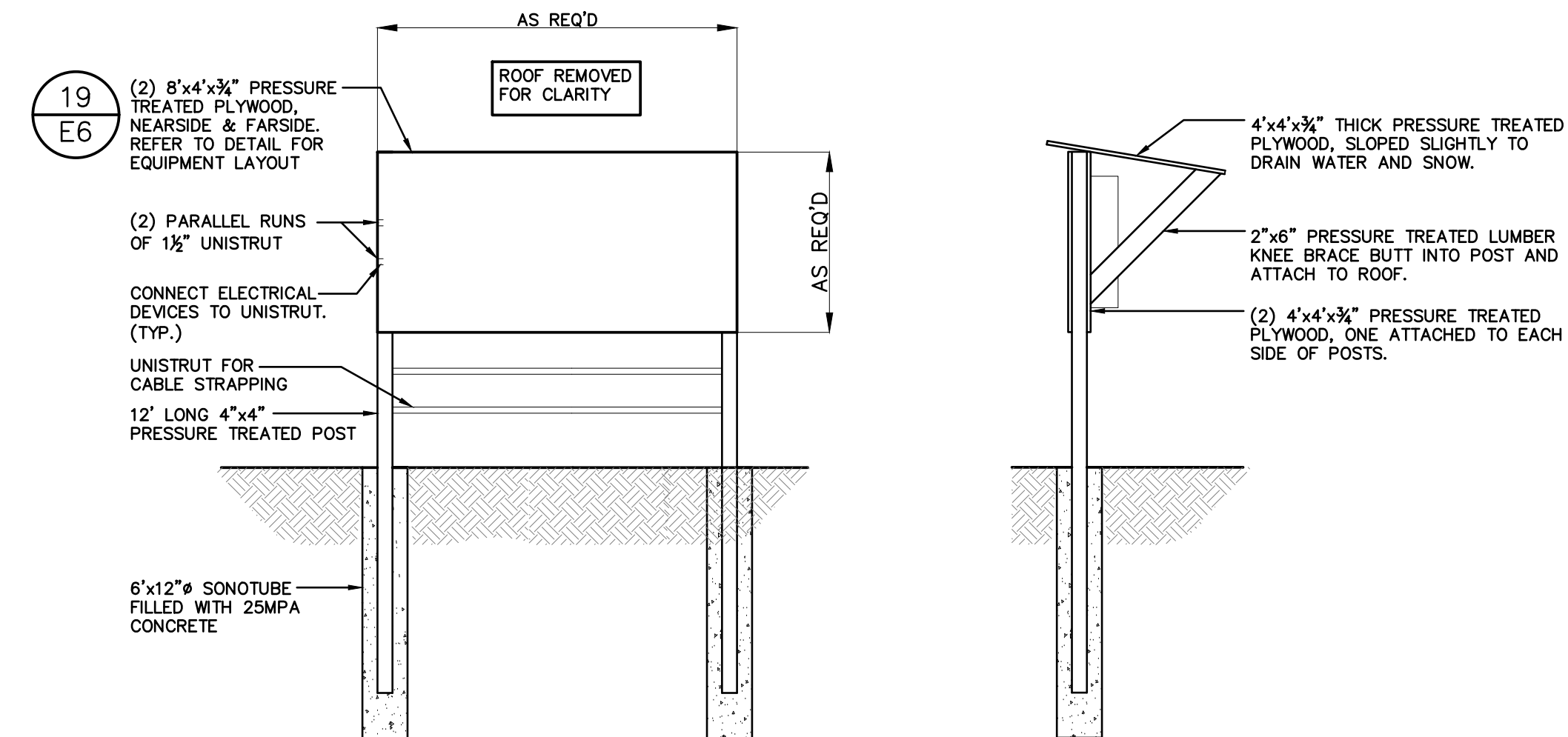


16
E5
TRENCH DETAIL - POWER RUNS FROM EM2
SCALE: NTS

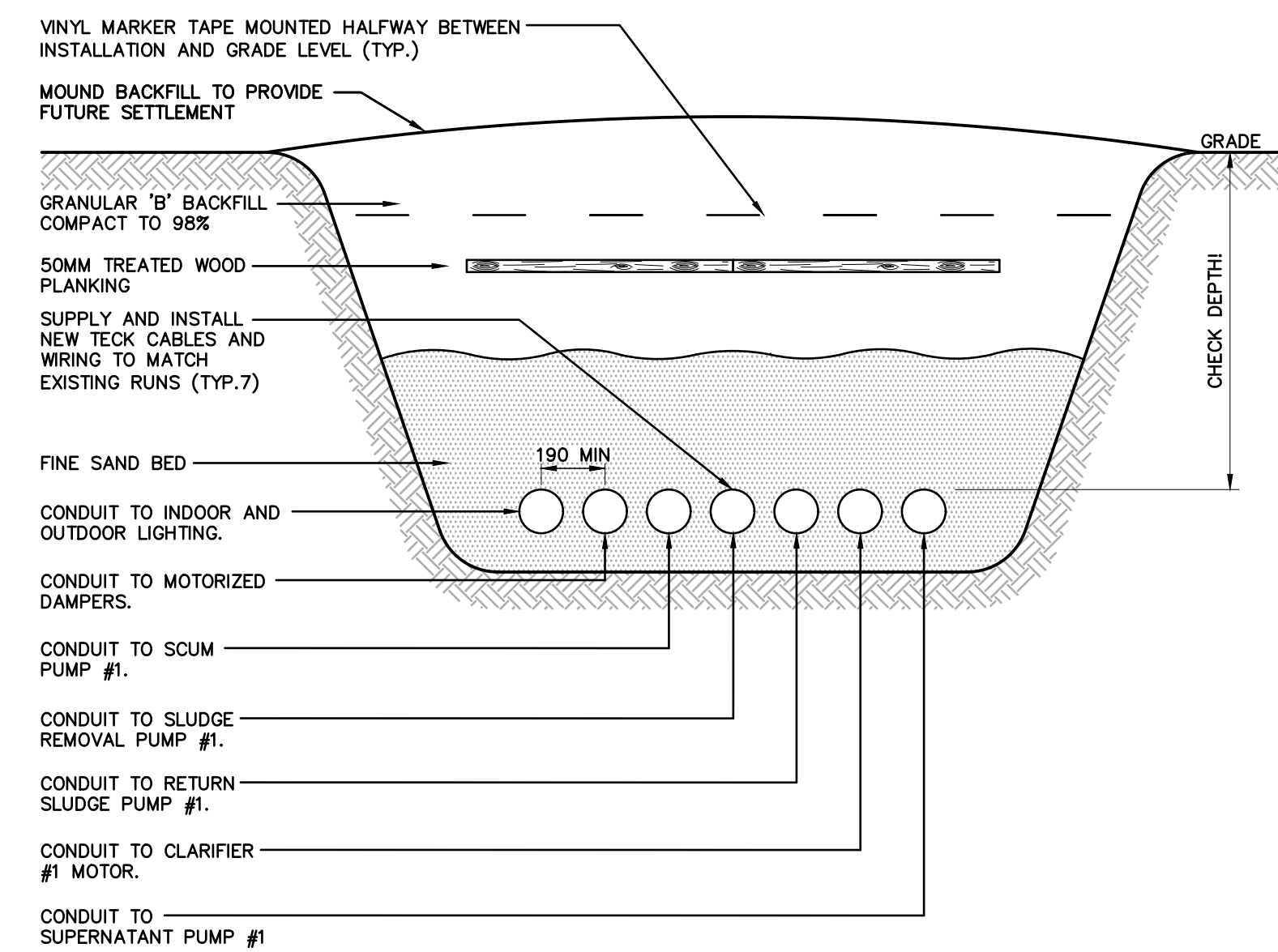


KEY PLAN
SCALE: N.T.S.

WASTE WATER TREATMENT PLANT SITE - ELECTRICAL RENOVATION
SCALE: N.T.S.



14
E5
DETAIL - OUTDOOR DISCONNECT PANEL
SCALE: NTS



16
E5
TRENCH DETAIL - POWER RUNS FOR CLARIFIER #1 EQUIPMENT
SCALE: NTS

No.	Revision	Date	Initial
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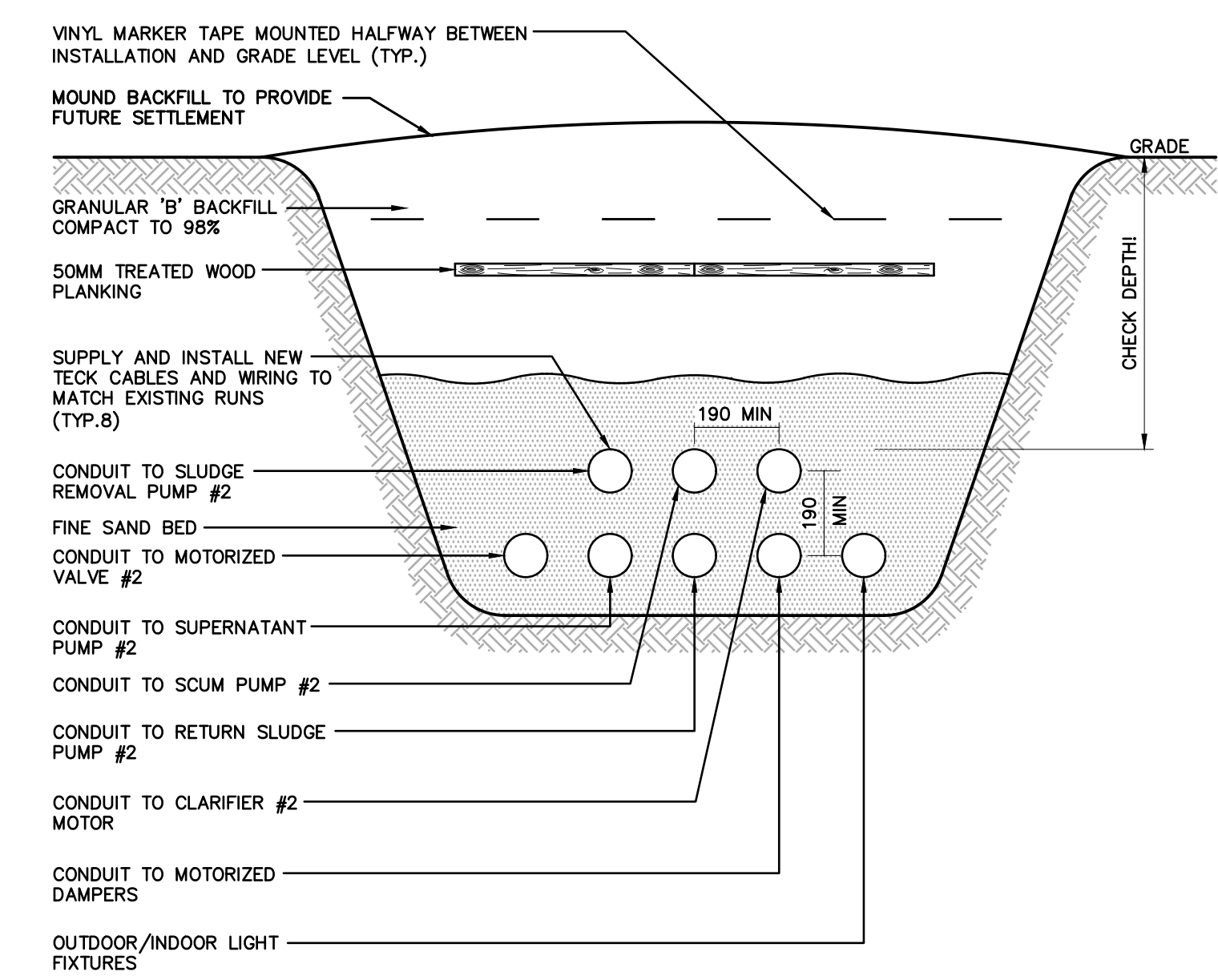
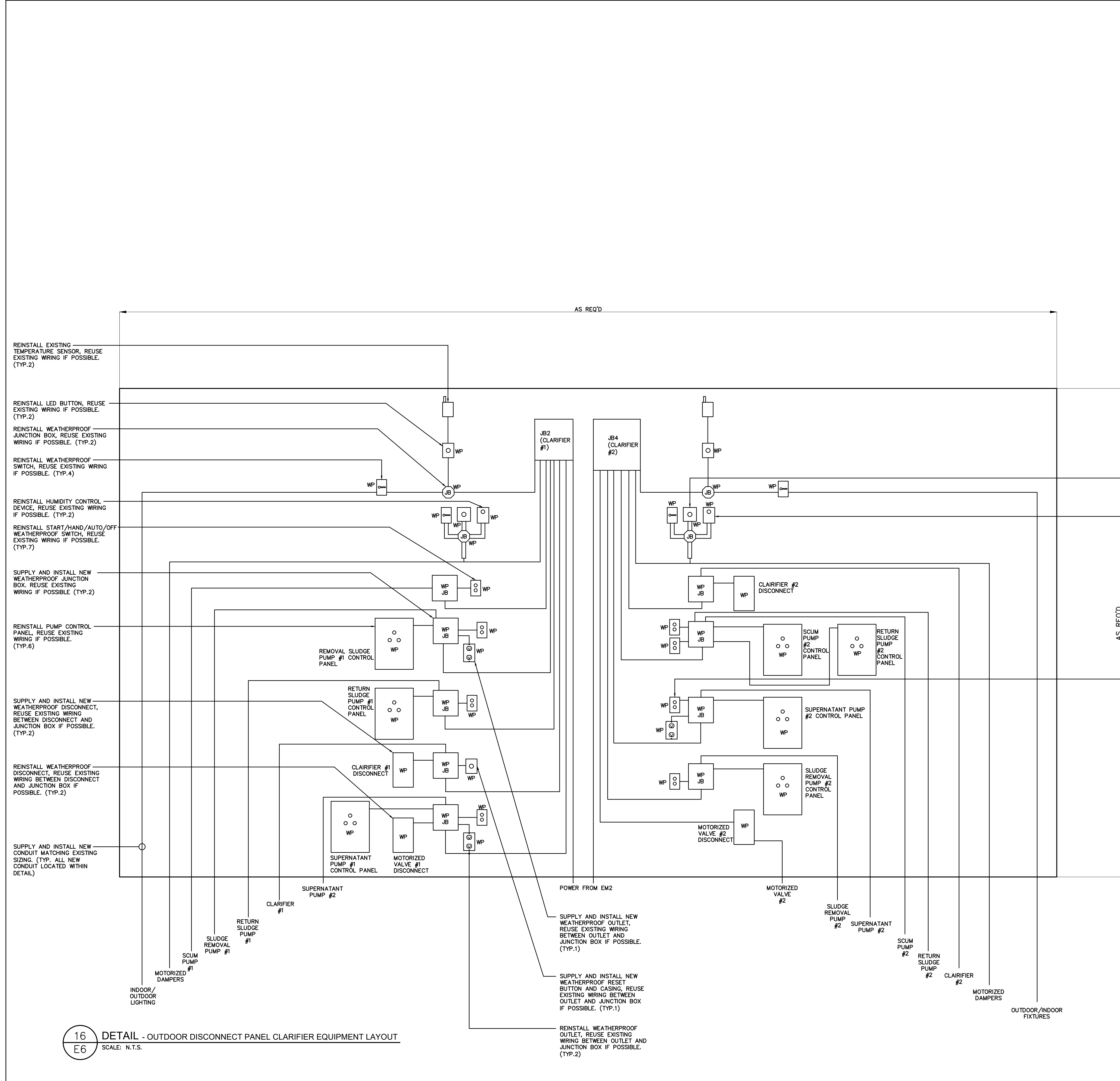
Approved	Approved
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WASTE WATER TREATMENT PLANT RENOVATION
MARATHON ONTARIO

ELECTRICAL EQUIPMENT RELOCATION SITE PLAN

Scale: AS SHOWN	Drawn By: GD Ckd. By: JK Dwg. No.: 25-055-E5	Date: MARCH 2026 Rev. B
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17 TRENCH DETAIL - POWER RUNS FOR CLARIFIER #1 EQUIPMENT
E5 SCALE: N.T.S.

REINSTALL WEATHERPROOF HAND/OFF/AUTO SWITCH, REUSE EXISTING WIRING BETWEEN OUTLET AND JUNCTION BOX IF POSSIBLE. (TYP.2)

SUPPLY AND INSTALL WEATHERPROOF HUMIDITY CONTROL SWITCH, REUSE EXISTING WIRING BETWEEN OUTLET AND JUNCTION BOX IF POSSIBLE. (TYP.2)

REINSTALL WEATHERPROOF START/STOP SWITCH, REUSE EXISTING WIRING BETWEEN OUTLET AND JUNCTION BOX IF POSSIBLE. (TYP.2)

AS REQ'D

16 DETAIL - OUTDOOR DISCONNECT PANEL CLARIFIER EQUIPMENT LAYOUT
E6 SCALE: N.T.S.

No.	Revision	Date	Initial
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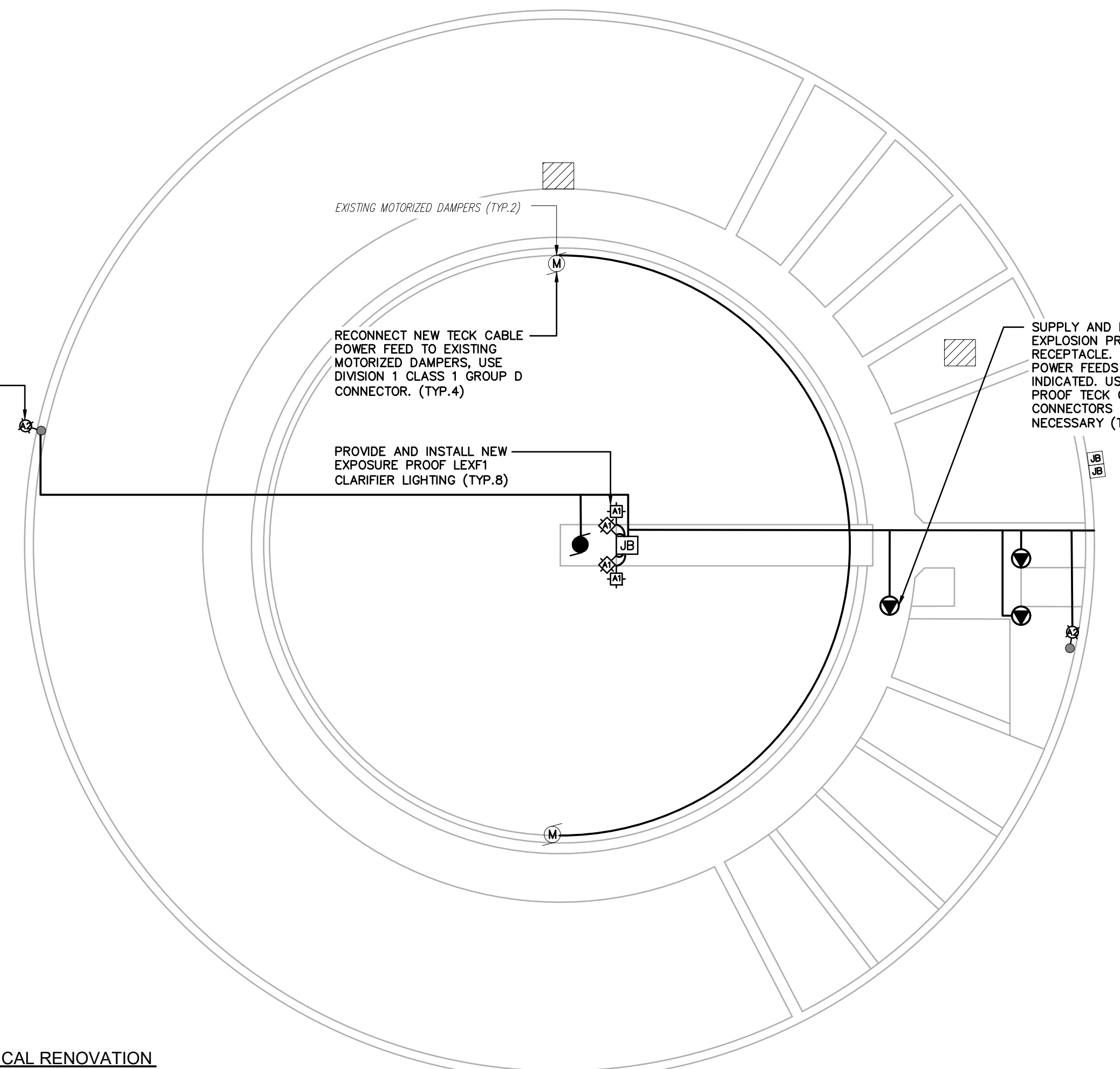
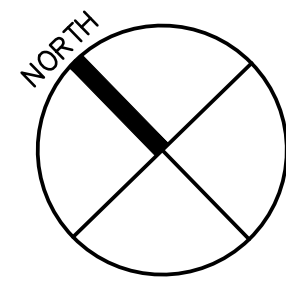
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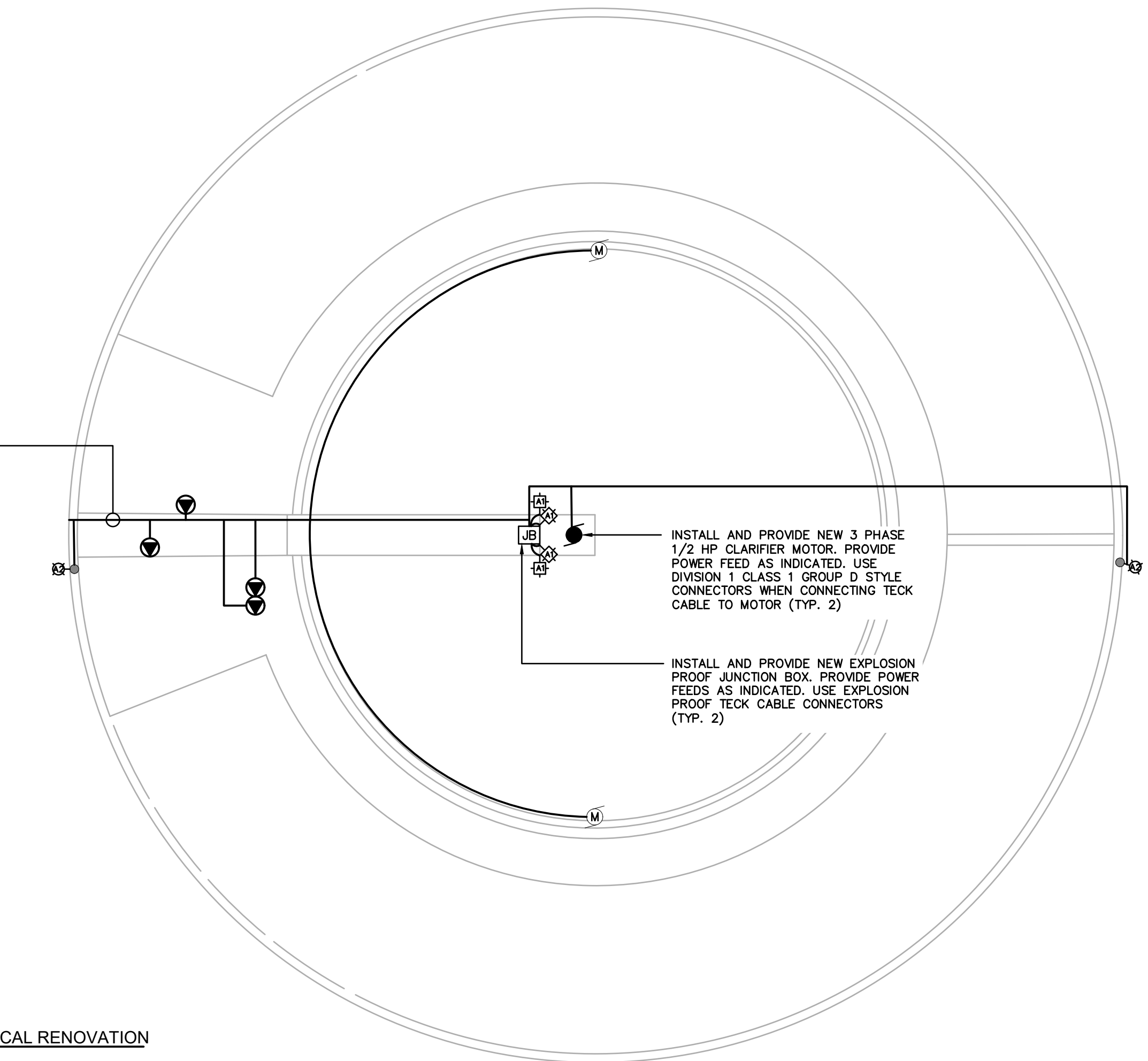
WASTE WATER TREATMENT PLANT RENOVATION
MARATHON ONTARIO

ELECTRICAL
ELECTRICAL RELOCATION DETAILS

Scale: AS SHOWN	Drawn By: GD & NM Ckd. By: JK	Date: MARCH 2026
Dwg. No.: 25-055-E6	Rev. B	

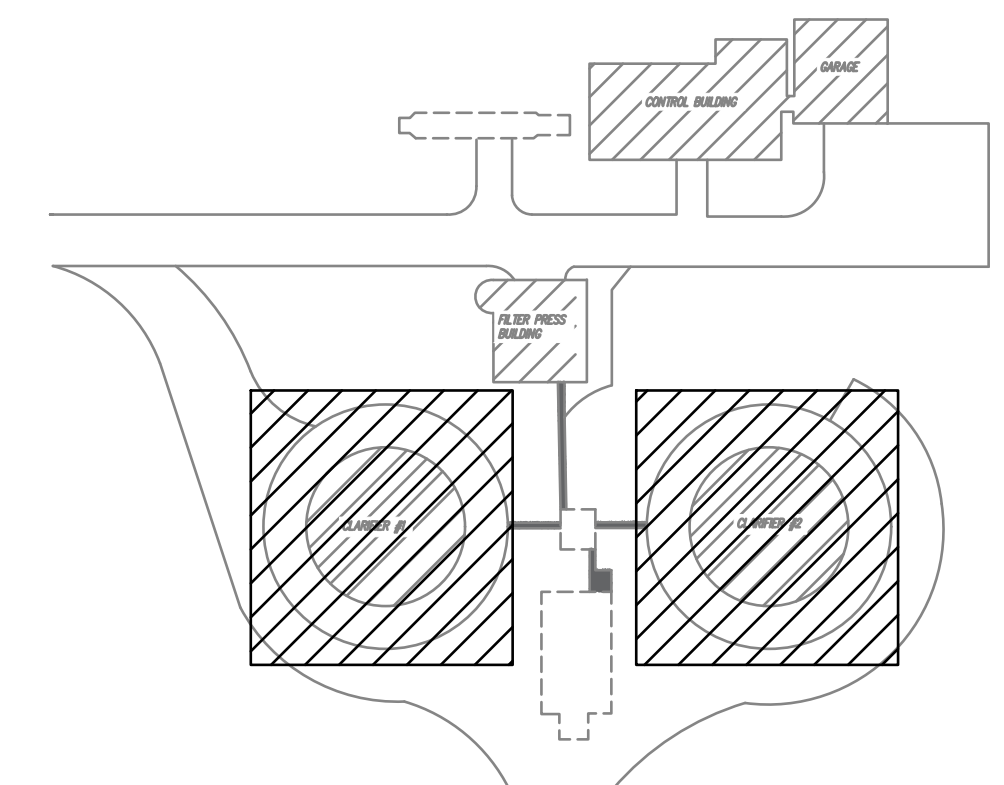


CLAIRIFIER #1- ELECTRICAL RENOVATION
SCALE: N.T.S.



CLAIRIFIER #2- ELECTRICAL RENOVATION
SCALE: N.T.S.

ELECTRICAL LEGEND	
	3-PHASE MOTOR
	LIGHT FIXTURE
	LIGHT FIXTURE
	ONE-GANG LIGHT SWITCH
	SERVICE PANEL
	LIGHT POLE
	JUNCTION BOX



KEY PLAN
SCALE: N.T.S.

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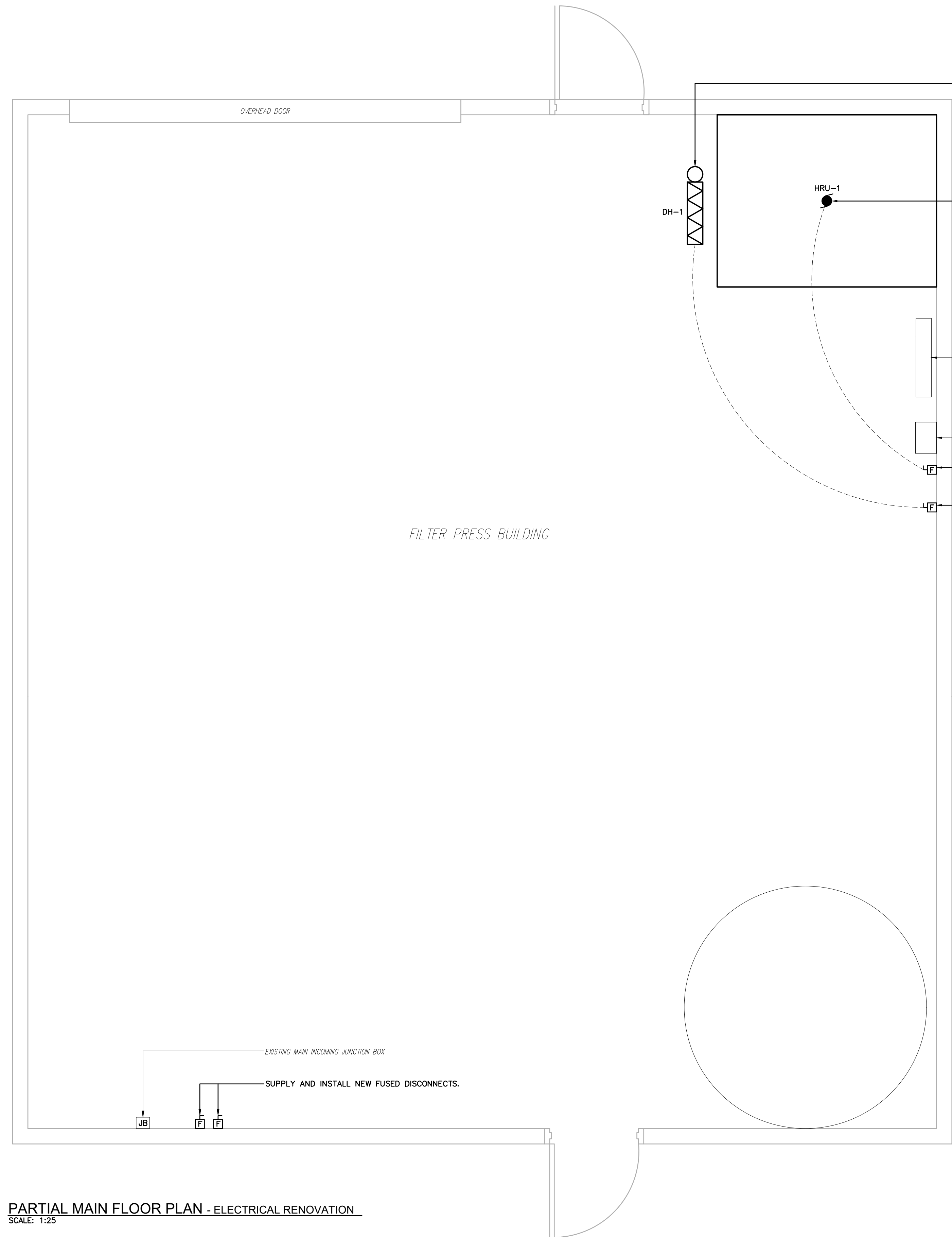
Approved	Approved
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WASTE WATER TREATMENT PLANT RENOVATION
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ELECTRICAL
 ELECTRICAL EQUIPMENT RENOVATION

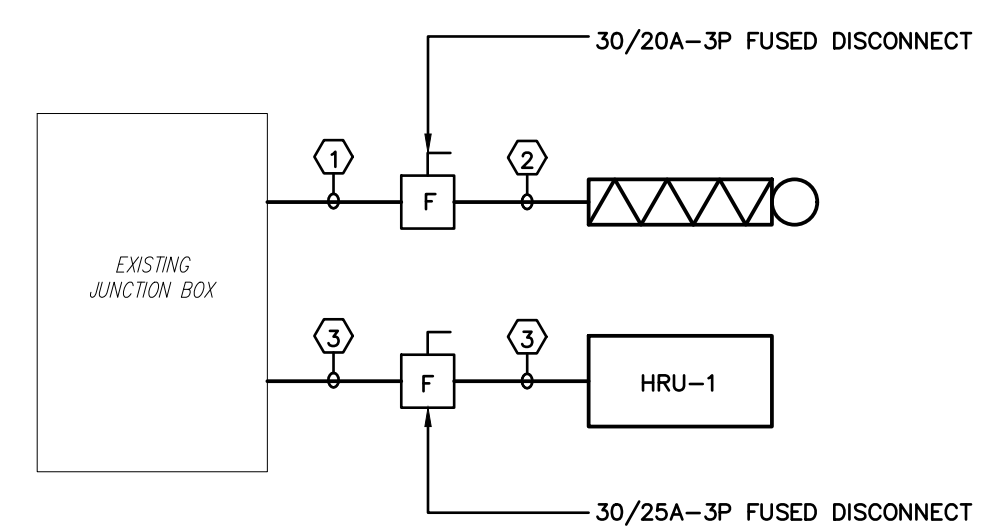
Scale: AS SHOWN	Drawn By: GD & NM Ckd. By: JK	Date: MARCH 2026
Dwg. No.: 25-055-E7		Rev. B



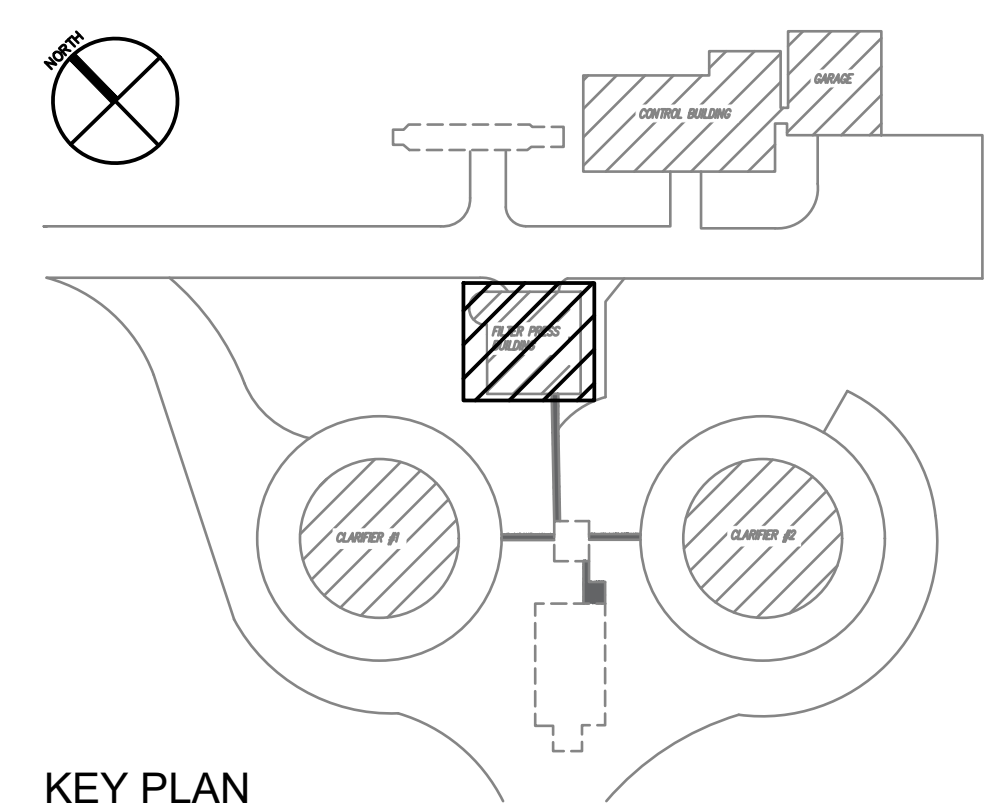
PARTIAL MAIN FLOOR PLAN - ELECTRICAL RENOVATION
SCALE: 1:25

CABLE LEGEND

- ① 3 - #12AWG RW90 W/ GND IN EMT
- ② 3 - #12AWG W/GND IN EMT. INSULATION RATED TO 110°C
- ③ 3 - #10AWG RW90 W/ GND IN EMT



PARTIAL SINGLE LINE DIAGRAM - ELECTRICAL RENOVATION
SCALE: N.T.S



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Approved	Approved
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WASTE WATER TREATMENT PLANT RENOVATION
MARATHON ONTARIO

**ELECTRICAL
FILTER PRESS BUILDING
HRV INSTALLATION**

Scale: AS SHOWN	Drawn By: GD & NM Ckd. By: JK	Date: MARCH 2026
	Dwg. No.: 25-055-E8	Rev. B