



City of Timmins

220 Algonquin Blvd. East, Timmins, ON P4N 1B3

Phone: (705) 264-1331

Monday to Friday 8:30 am to 4:30 pm

ADDENDUM #3

Bid Opportunity: 1155 – Timmins Water Filtration Plant High Lift & Backwash Pump Replacement

Bid Closing: Wednesday, April 30, 2025 at 2:00 pm

Note the following revisions to the Supplementary Conditions:

Regarding the potential impact of new tariffs for Contract No. 223027, the Supplementary Conditions has been revised to clarify to Bidders that Bidder submitted pricing should consider current taxes, tariffs, and customs duties as of the date of closing.

1. **DELETE** clause GC 10.1.2 in the Section 00 80 00 Supplementary Conditions in its entirety and **REPLACE** with:

.2 The Contract Price shall include all taxes, tariffs, and customs duties in effect as of the closing date, except for Value Added Taxes payable by the Owner to the Contractor as stipulated in Article A-4 of the Agreement – CONTRACT PRICE. Any increase or decrease in costs to the Contractor due to changes in such included taxes, tariffs, and duties after the closing date, shall increase or decrease the Contract Price accordingly. The Contractor shall provide a detailed breakdown of additional taxes, tariffs, and duties in a form satisfactory to the Owner. Profit and overhead shall not be included in the increase or decrease in costs incurred by the Contractor due to changes in the aforementioned taxes, tariffs, and duties.

Note the following revisions to the Drawings:

2. **DELETE** Drawing S-501 in its entirety and **REPLACE** with Drawing S-501 included as part of this Addendum.
3. **DELETE** Drawings E-001, E-203, E-210, E-304, E-306, E-401, E-402 and E-409 included as part of this Addendum.

Question 1:

With regards to specification 11101, 2.3 Tilted disc check valve, we kindly request that Dezurik/APCO check valve be approved as an equal. Dezurik meets the spec and can be provided with the top or bottom mounted dashpot and lockout as specified. Please see the attached brochure for more details.

Answer 1:

Provided it fully meets the specifications and space constraints, this alternative is acceptable. It should be noted that there is very limited space to install the check valves, and the design shown in the drawings is based on the dimensions from the named manufacturer. The Contractor shall include in their bid any pipe modifications and additional coordination, temporary systems, allowance for shutdowns etc. resulting from the valve selection. The Contractor shall submit isometric drawings demonstrating the piping, pumps and valves will fit within the existing space and will not result in additional modifications or extended shutdowns.

Question 2:

Can you please advise on how the following items are applicable to the tender package:

Pricing Table- Unit Prices
Granular Material-A & B I & II
Supply & Place Hot Mix Asphalt-Superpave 12.5
Earth Excavation
Removals-Asphalt Pavement

The requested details seem unrelated to the scope of work.

Can you please advise on how the following items are applicable to the tender package:

Pricing Table-Unit Prices:
Painter, Drywaller, Roofer, Licensed Sheet Metal Fitter/Apprentice.

The requested details seem unrelated (sic) to the scope of work.

Answer 2:

These items have been removed. Refer to the revised unit price table included with this Addendum.

Question 3:

In regard to the currently imposed tariffs, we respectfully request that the following language be adopted and included in the Tender Documents::

a) In the case where tariffs (imposed by the US, Canadian and/or other countries) are imposed and have direct and verifiable impacts on materials necessary for this project, the Owner will provide appropriate monetary compensation to the Contractor. The Contractor would be required to provide documentation to support any request for compensation (letters from suppliers, proof of material costs at the time of bidding, revised quotes for material costs at the time of supply, etc.).

Answer 3:

Refer to changes to the Section 00 80 00 Supplementary Conditions described above.

Question 4:

Specification 011101.2.12 has only named DeZurik as an acceptable manufacturer of Butterfly Valves (Class 150 and Class 250B). Please consider Val-Matic as an acceptable manufacturer of Butterfly Valves (Class 150 and Class 250B) to ensure a competitive bidding process. The Val-Matic Butterfly Valves are offered complete with a 3-year warranty, beyond the contract requirements.

Answer 4:

Provided it fully meets the specifications and space constraints, this alternative is acceptable. It should be noted that there is very limited space to install the check valves, and the design shown in the drawings is based on the dimensions from the named manufacturer. The Contractor shall include in their bid any pipe modifications and additional coordination, temporary systems, allowance for shutdowns etc. resulting from the valve selection. The Contractor shall submit isometric drawings demonstrating the piping, pumps and valves will fit within the existing space and will not result in additional modifications or extended shutdowns.

Question 5:

Regarding-Concrete repairs in existing concrete walls including access, scaffolding and clean up i) Concrete honeycomb or spall repairs 300 mm X 300mm X 75mm deep Assume a minimum of 5

Can you please advise on the following:

Where are these repairs to take place that I need scaffold??

What is the height of the walls or beams?? Is this a confined space??

Are there any pictures available??

Answer 5:

This provisional item has been removed. Refer to the revised unit price table included with this Addendum.

Question 6:

Kindly requesting KSB pumps be added as an approved manufacturer under Division 11 Section 011423 Double Suction Horizontal Split Case Pump. KSB can meet the requirements of the specification and we will bring value as an established pump manufacturer with an extensive installation list, many of which in Ontario.

Attached are data sheets for review if needed.

Please provide a list of qualified bidders for this RFT if one is available (no plan takers list is displayed on bids and tenders page).

Answer 6:

Provided it fully meet the specifications and space constraints, this alternative is acceptable. It should be noted that there is very limited space to install the pumps, and the design shown in the drawings is based on the dimensions from the named manufacturer. The Contractor shall include in their bid any pipe modifications and additional coordination, temporary system, allowance for shutdowns etc. resulting from the pump selection. The Contractor shall submit isometric drawings demonstrating the piping, pumps and valves will fit within the existing space and will not result in additional modifications or extended shutdowns.

A list of qualified bidders for this RFT will not be provided.

Question 7:

Please provide quantities for the unit pricing table.

Answer 7:

Assumptions for pricing are stated in the pricing table.

Question 8:

What size cable/conductors is required from MCC-2E to LCP(X2)

Answer 8:

Power cable: 3 1/C #10 TECK90, Controls: 12 1/C #16 TECK90.

Question 9:

What size cable/conductors is required from LCP to Transfer Pump #2

Answer 9:

Power cable: 3 1/C #10 TECK90.

Question 10:

What size cable/conductors is required from LCP to Transfer Pump #3

Answer 10:

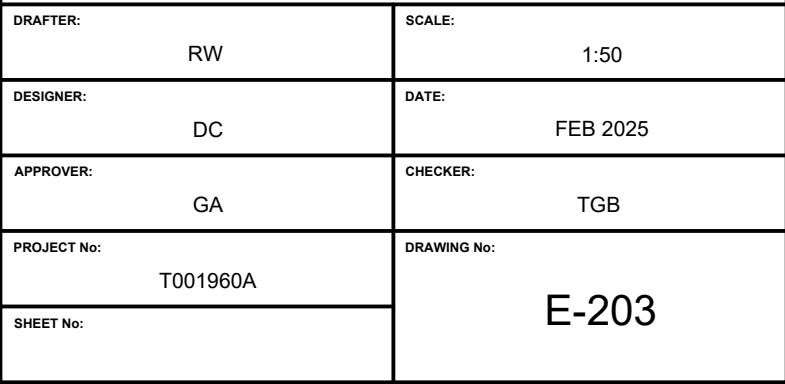
Power cable: 3 1/C #10 TECK90.

Question 11:

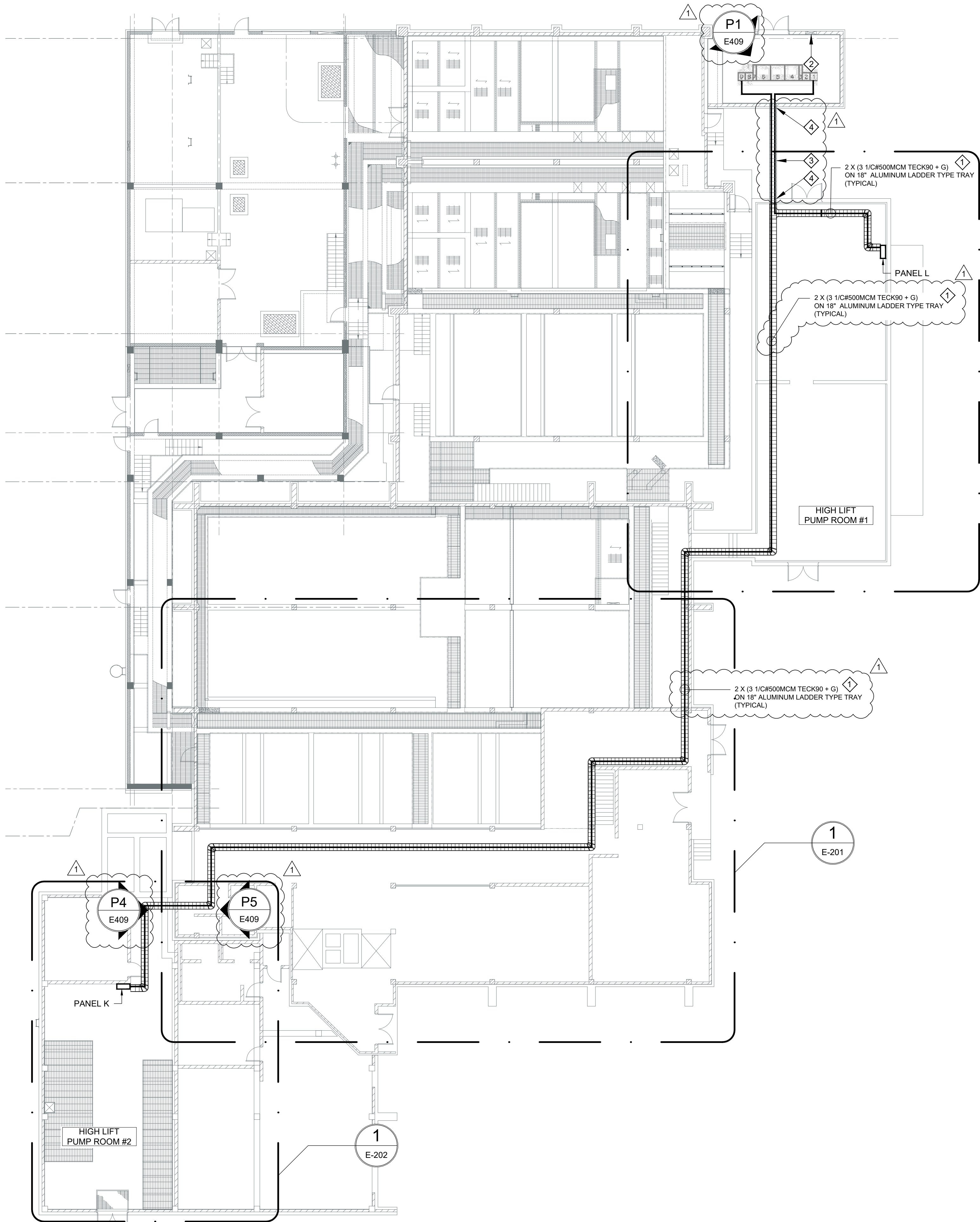
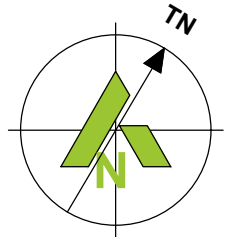
Do you require a ground ran throughout the cable tray? If so what size?

Answer 11:

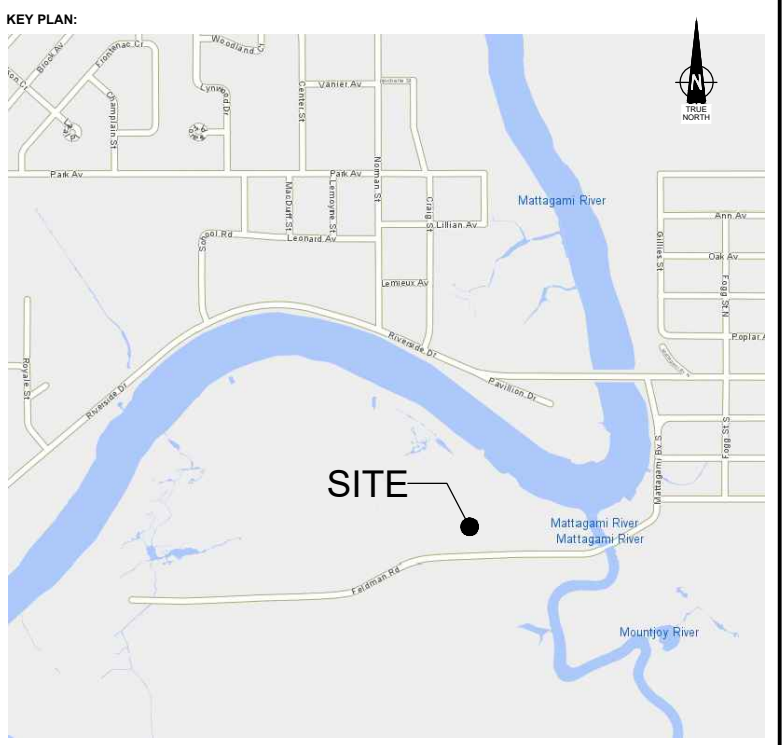
No, a ground run throughout the cable tray is not required. However, cable tray should be bonded per Rule 10-600. Size of bonding conductor is to be determined by Table 16.



CONSULTANT:



- DRAWING NOTES:
- THE SINGLE CONDUCTOR CABLES SHALL BE INSTALLED TO MAINTAIN FREE AIR AMPACITY RATING. REFER TO TYPICAL DETAIL 4/E401 (PROVIDE WALL PENETRATIONS AND FIRE SEAL ALONG THE NEW CABLE TRAY RUN AS REQUIRED. COORDINATE WITH EXISTING SERVICES IN CEILING SPACE).
 - PROVIDE UPDATED SINGLE LINE DIAGRAM FULL SIZE DRAWING IN FRAME. THE DRAWING SHALL BE POSTED IN ELECTRICAL ROOM.
 - THE TWO (2) NEW CABLE TRAYS SHALL SPAN IN THE OPEN SPACE BETWEEN TWO BUILDINGS AND BE INSTALLED BELOW EXISTING CABLE TRAY. PROVIDE SHOP DRAWINGS FOR THE REINFORCEMENT REQUIRED TO SUPPORT THE CABLES WEIGHT. THIS SHOP DRAWING SHALL BE STAMPED BY A STRUCTURAL ENGINEER.
 - PROVIDE EXTERIOR WALL PENETRATION AND FIRE/ WEATHER SEAL FOR THE NEW CABLE TRAYS. REFER TO DETAIL 5 ON DRAWING S-501.



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1	APR 2025	ISSUED FOR ADDENDUM No. 3	GA
0	MAR 2025	ISSUED FOR TENDER	GA
No.	Date	Description	By



PROJECT NAME:
TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

SHEET TITLE:
OVERALL UPPER LEVEL PLAN
POWER LAYOUT -
NEW MAJOR FEEDERS
ROUTES

DISCIPLINE: ELECTRICAL	
DRAFTER: RW	SCALE: 1:150
DESIGNER: DC	DATE: FEB 2025
APPROVER: GA	CHECKER: TGB
PROJECT No: T001960A	DRAWING No: E-210
SHEET No:	



1. ALL NEW PANELS SHALL HAVE NEMA 4 ENCLOSURE AND BE CONFIGURED FOR SIDE OR BOTTOM CABLE ENTRY.

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No.	Date	Description	By



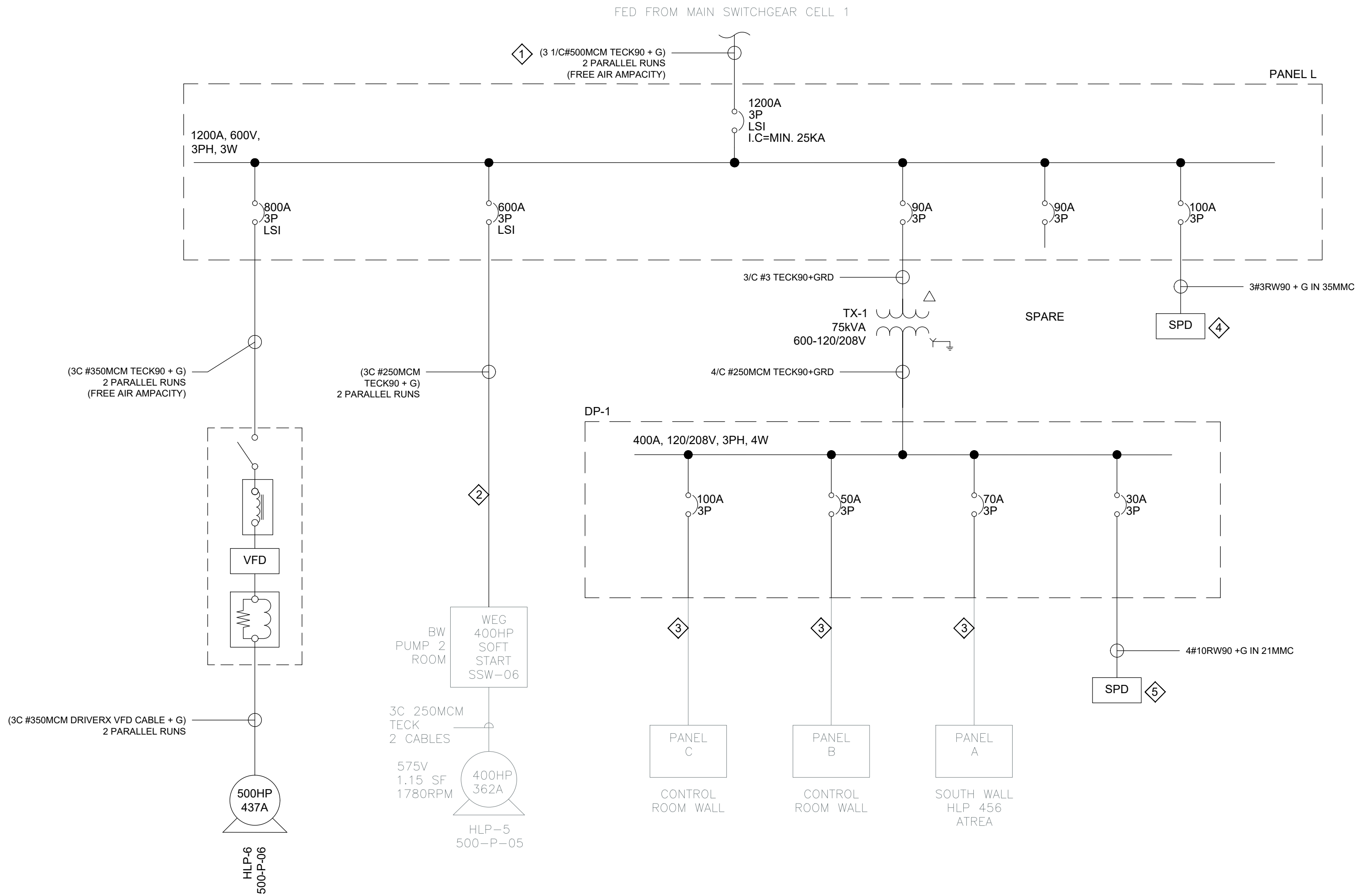
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TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

PANEL K SINGLE LINE DIAGRAM MODIFICATIONS

ELECTRICAL

DRAFTER:	RW	SCALE:	NTS
DESIGNER:	DC	DATE:	FEB 2025
APPROVER:	GA	CHECKER:	TGB
PROJECT No:	T001960A	DRAWING No:	E-304
SHEET No:			



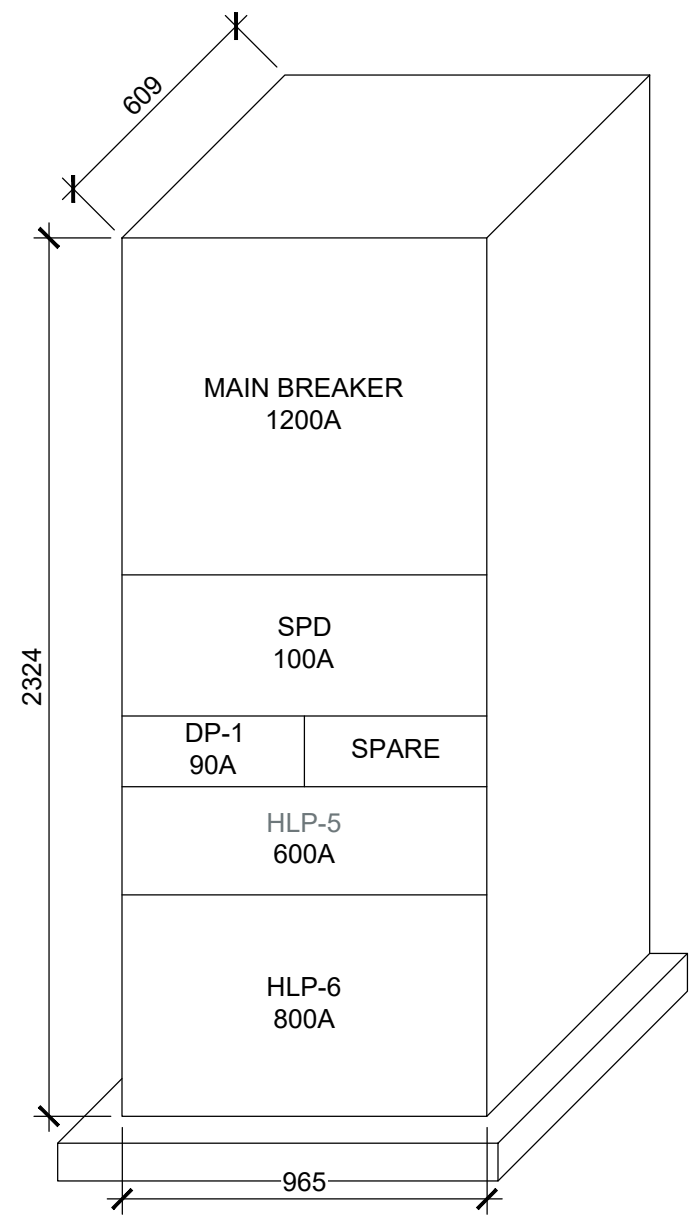
1 PANEL L SINGLE LINE DIAGRAM - NEW WORK
E306 SCALE: N.T.S.

DRAWING NOTES:

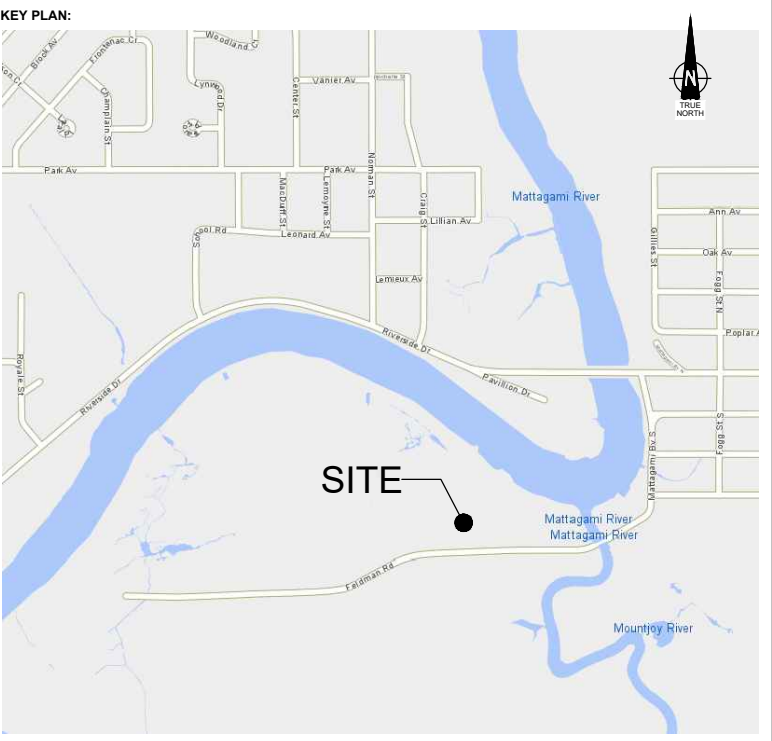
1. INSTALL NEW SINGLE CONDUCTOR CABLES ON NEW 18" CABLE TRAY TO MAINTAIN AT LEAST 100% CABLE DIAMETER SPACING. PROVIDE NON-FERROUS MATERIAL PLATE AND CABLE GLANDS WHERE SINGLE CONDUCTOR CABLES ENTER METAL ENCLOSURES, COMPLY WITH OESC RULE 4-008 AND BULLETIN 12-7-12. REFER TO DETAIL 4/E401
2. PROVIDE NEW POWER CONNECTION TO EXISTING HLP-5 SOFT STARTER AS NOTED.
3. RE-FEED EXISTING 120/208V PANELS FROM NEW SOURCE AS NOTED. REUSE EXISTING CABLES IN UNDERFLOOR CONDUITS TO THE 120/208V PANELS. CONDUCT INSULATION RESISTANCE TESTING OF THE CABLES AND SUBMIT RESULTS FOR REVIEW. PROVIDE A TEMPORARY POWER CONNECTION TO PANELS A, B, C TO SUPPORT THESE LOADS DURING MCC PARTIAL REMOVAL AND NEW TRANSFORMER AND DP-1 INSTALLATION.
4. SERVICE TRACK ST240 MODEL # TK-ST240-600NN-FL.
5. SERVICE TRACK ST240 MODEL # TK-ST080-3Y208-FL.

GENERAL NOTES:

1. ALL NEW PANELS SHALL HAVE NEMA 4 ENCLOSURE AND BE CONFIGURED FOR SIDE OR BOTTOM CABLE ENTRY.



2 PANEL 'L' - ELEVATION
E306 SCALE: N.T.S.



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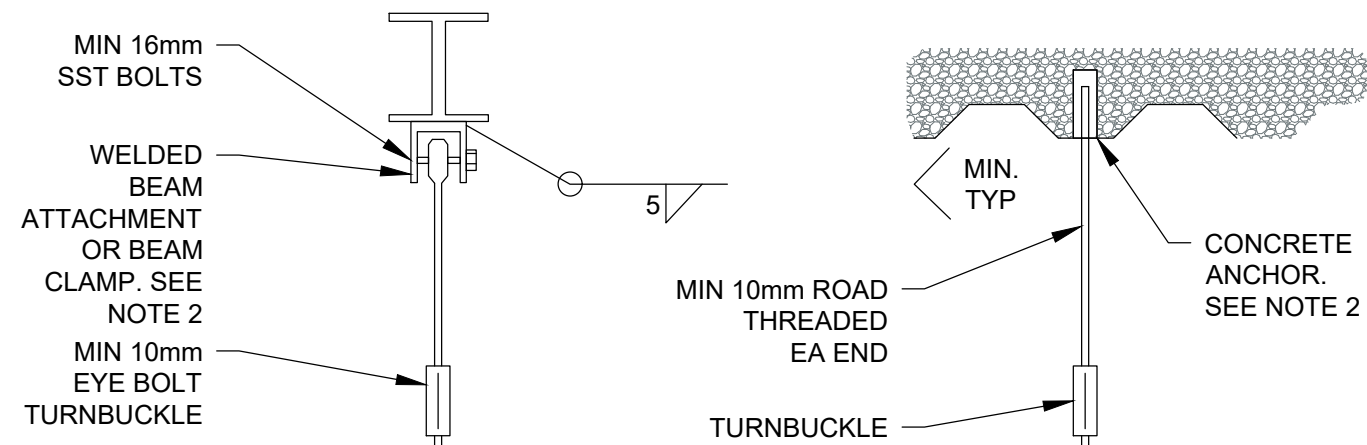
1	APR 2025	ISSUED FOR ADDENDUM No. 3	GA
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No.	Date	Description	By



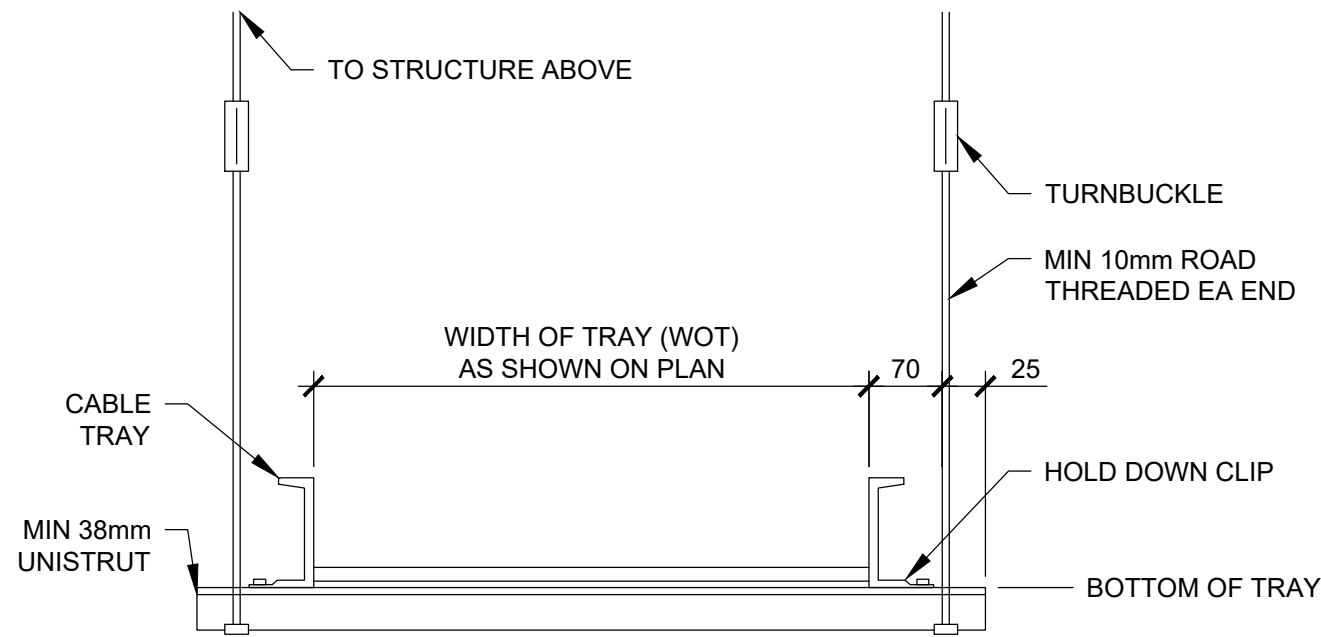
PROJECT NAME:
TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

SHEET TITLE:
PANEL L
SINGLE LINE DIAGRAM -
NEW WORK

DISCIPLINE: ELECTRICAL			
DRAFTER:	RW	SCALE:	NTS
DESIGNER:	DC	DATE:	FEB 2025
APPROVER:	GA	CHECKER:	TGB
PROJECT No:	T001960A	DRAWING No:	E-306
SHEET No:			



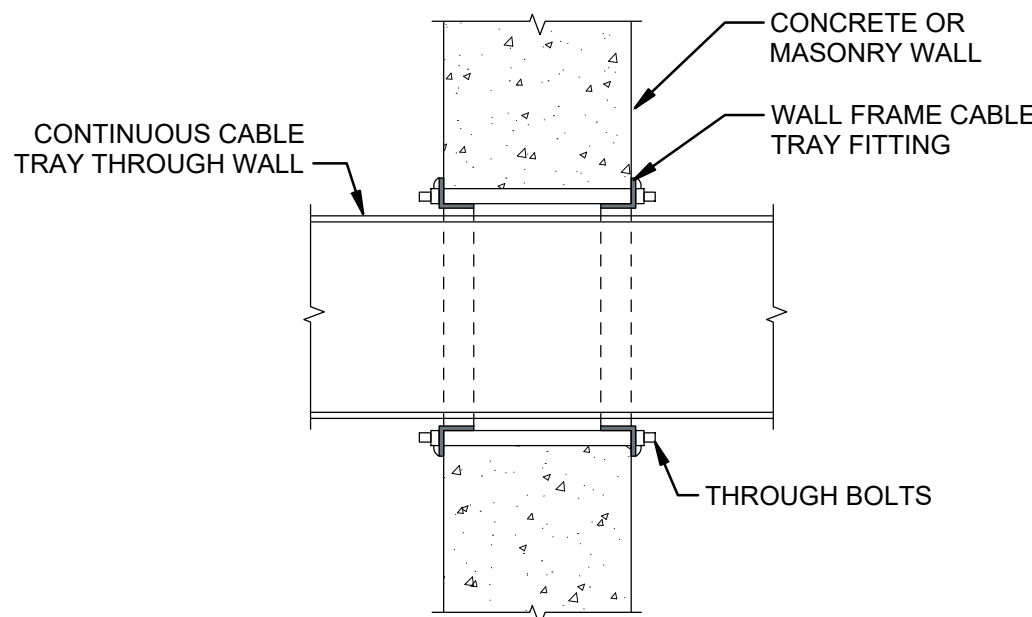
BEAM SUPPORT CONNECTION CONCRETE SLAB CONNECTION



NOTES:

- ALL CABLE TRAY SUPPORT MATERIAL SHALL BE FABRICATED FROM HOT DIP GALVANIZED STEEL. REPAIR ALL DAMAGED COATING AS PER SPECIFICATIONS.
- DETERMINE SPAN AND TYPE OF SUPPORTS. LOCATE SUPPORTS AND SIZE SUPPORT RODS, CONNECTIONS AND BRACES PER MANUFACTURER RECOMMENDATIONS AND SEISMIC REQUIREMENTS.
- USE STAINLESS STEEL HARDWARE IN WET OR CORROSIVE AREAS.

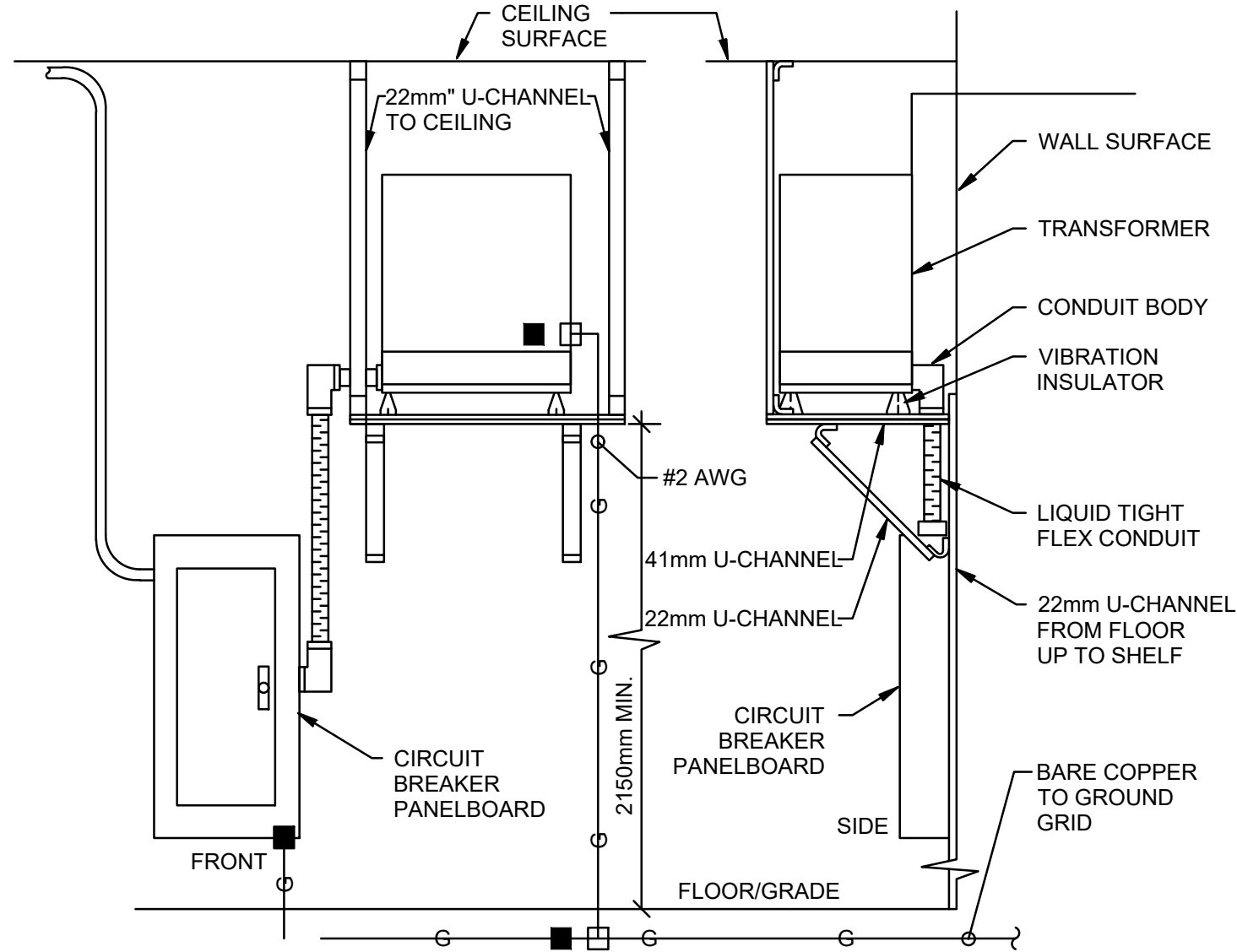
1 CABLE TRAY SUPPORT DETAIL SCALE: N.T.S.



NOTES:

- SEAL OPENING IN AND AROUND CABLE TRAY WITH ULC CERTIFIED FIRE STOP KBS-SEALBAGS OR EQUAL

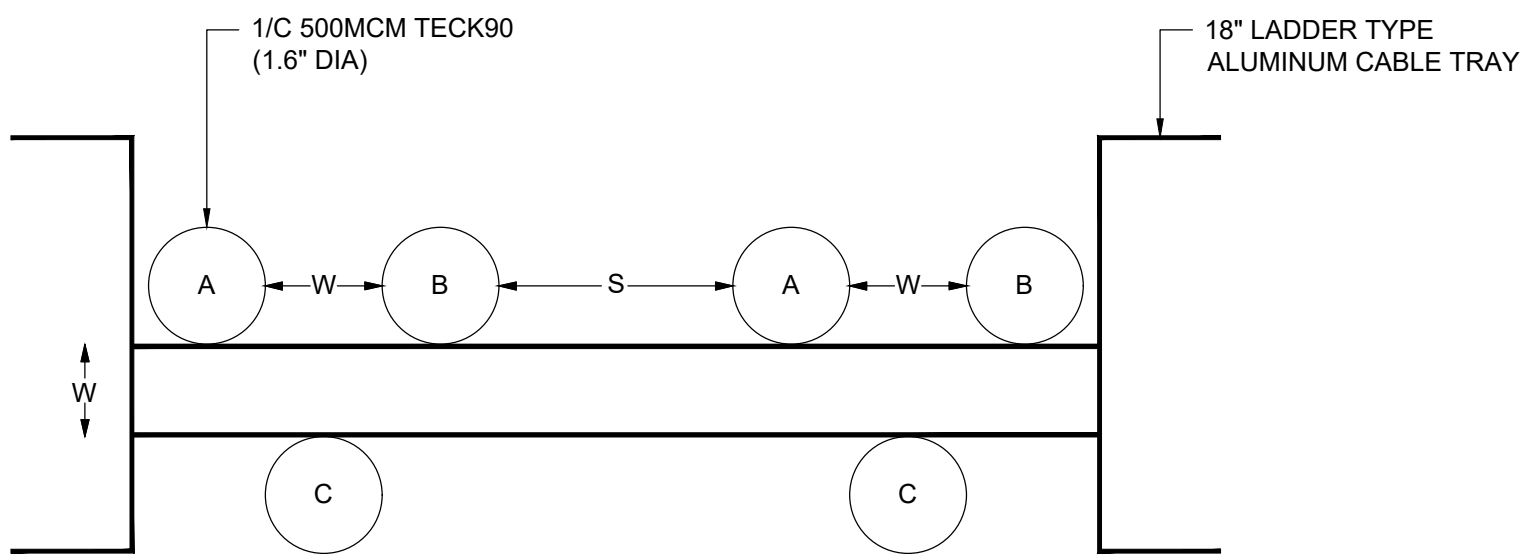
2 CABLE TRAY PENETRATION DETAIL SCALE: N.T.S.



NOTES:

- PROVIDE 30° CLEAR WORK SPACE FOR PANEL
- FRAMING CHANNEL AND HARDWARE SHALL BE PER SPECIFICATIONS
- REFER TO SINGLE LINE DIAGRAM FOR CONDUIT AND CONDUCTOR SIZES

3 TRANSFORMER AND PANELBOARD WALL MOUNT DETAILS SCALE: N.T.S.

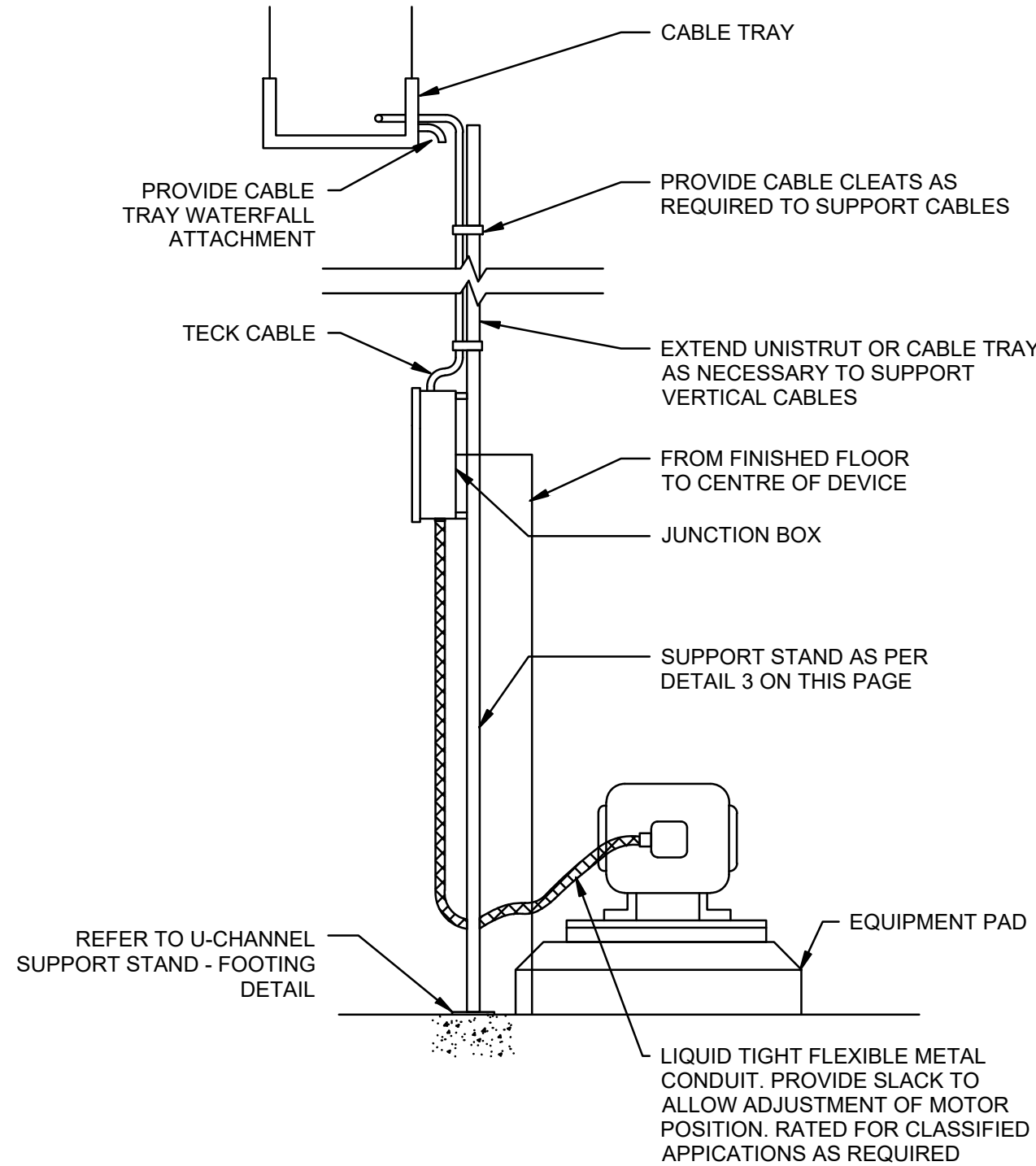


W = 1 CABLE DIAMETER
S = 2 CABLE DIAMETERS

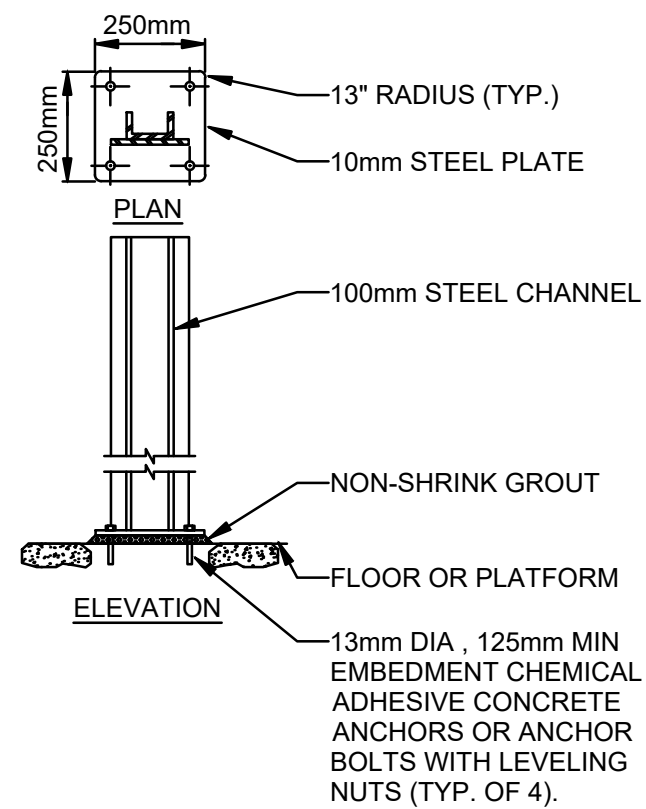
NOTES:

- SINGLE CONDUCTOR CABLES INSTALLED IN PARALLEL SHALL BE INSTALLED TO COMPLY WITH RULE 12-108.
- ALL ONE CONDUCTOR CABLES SHALL BE ATTACHED TO CABLE TRAY WITH CABLE CLAMPS MADE OF NON FERROUS MATERIAL TO PREVENT EDDY CURRENTS INDUCTION.
- WHERE ONE CONDUCTOR CABLES PENETRATE THROUGH CONCRETE WALL ALL THREE PHASE CONDUCTORS SHALL BE ROUTED THROUGH ONE OPENING. DO NOT INSTALL CABLES THROUGH SEPARATE OPENINGS SEPARATED BY REBARS TO AVOID EDDY CURRENTS INDUCTION IN THE REBARS. PROVIDE WALL SCANNING AND CORING PLAN FOR ENGINEERS REVIEW AHEAD OF TIME.

4 TYPICAL CABLE TRAY DETAIL SCALE: N.T.S.



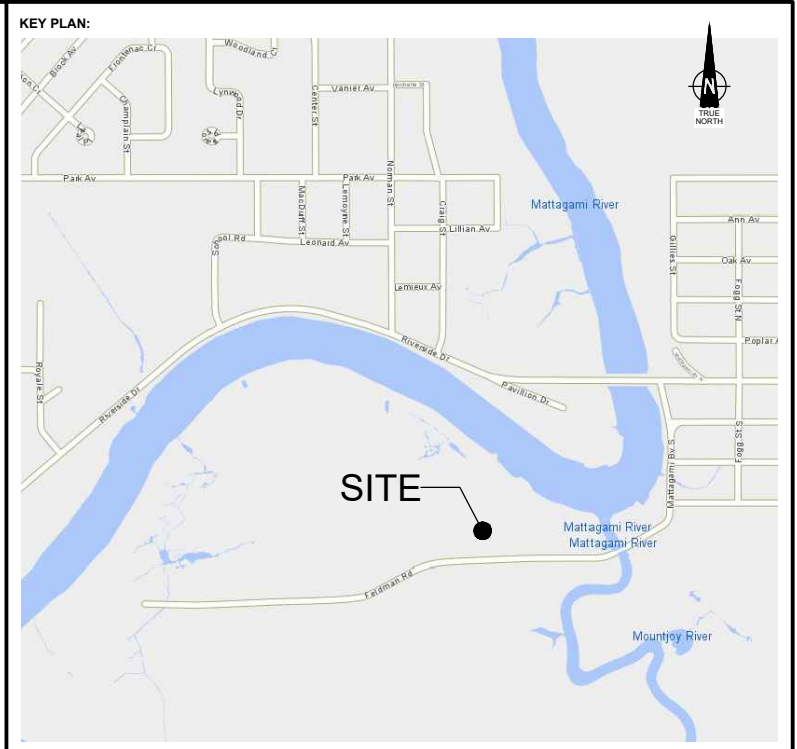
5 CABLE TRAY FEED FROM ABOVE DETAIL SCALE: N.T.S.



NOTES:

- HOT-DIP GALVANIZE ASSEMBLY AFTER FABRICATION.
- USE GALVANIZED MOUNTING HARDWARE. USE WASHERS AND SPLIT-LOCK WASHERS UNDER ALL NUTS AND BOLTS.
- PROVIDE TYPE 316 STAINLESS STEEL FASTENING HARDWARE. SIZE AND CONFIGURATION AS INDICATED. EXTEND UNISTRUT ASSEMBLY VERTICALLY AS NECESSARY TO ACCOMMODATE RACEWAYS DESCENDING FROM OVERHEAD.
- PROVIDE ISOLATION GASKETS IN BETWEEN DISSIMILAR METALS.
- SUPPORTS TO BE DESIGNED BY VENDOR AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN ONTARIO.

6 U-CHANNEL SUPPORT - BASE PLATE CONNECTION SCALE: N.T.S.



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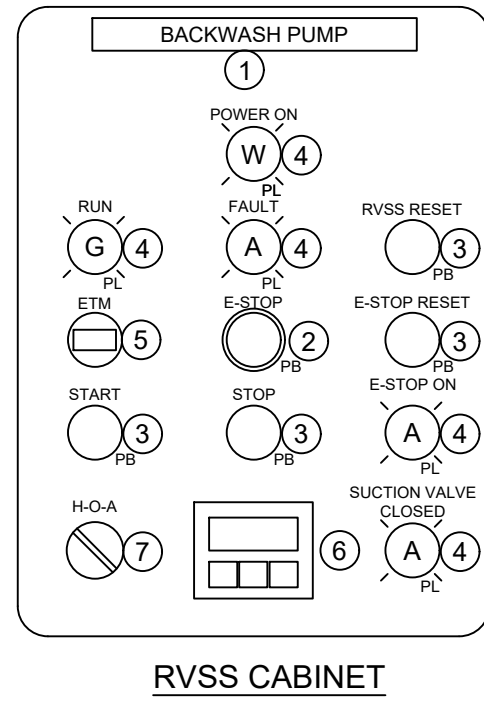
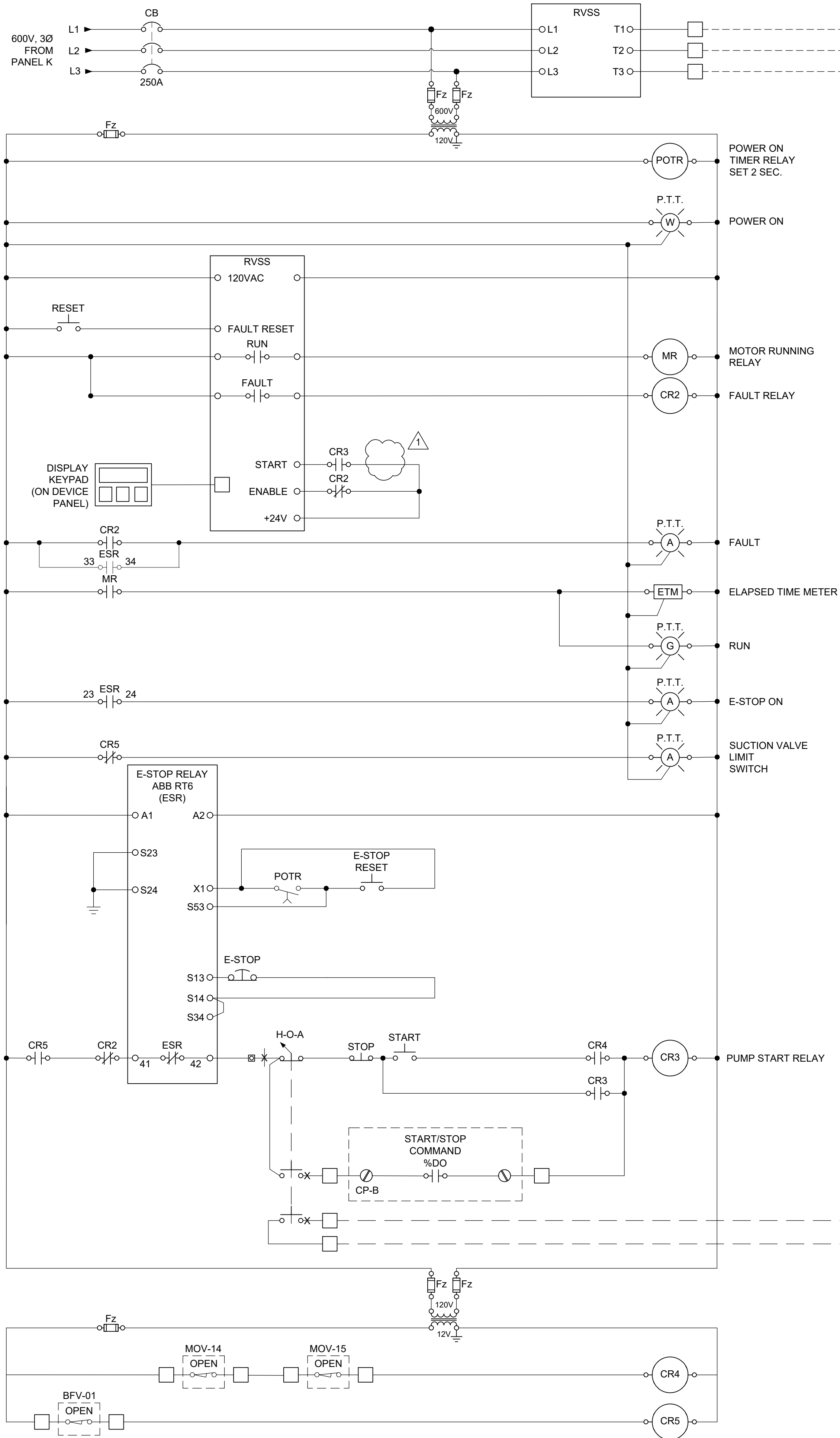


PROJECT NAME:
TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

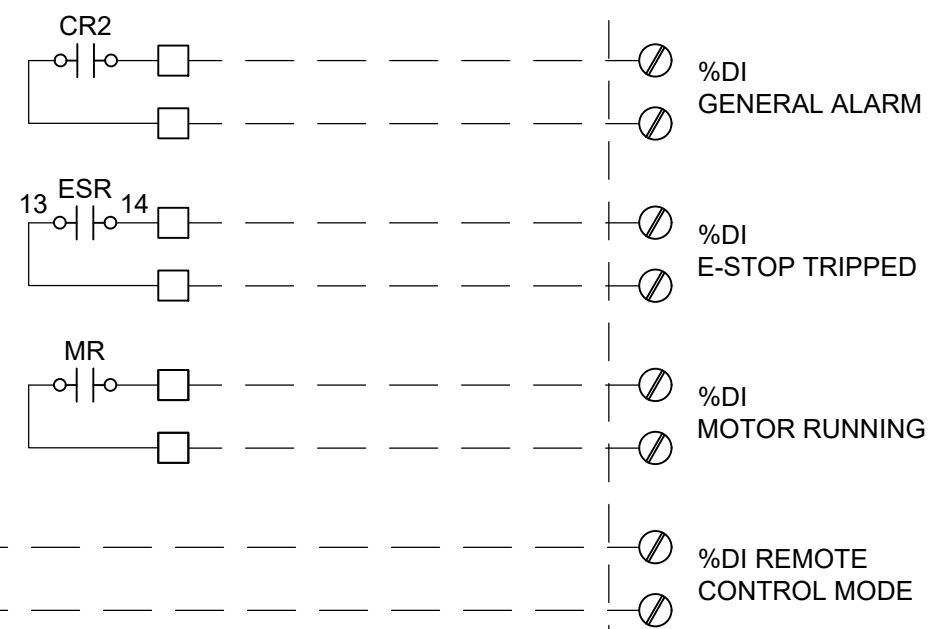
SHEET TITLE:
ELECTRICAL DETAILS

ELECTRICAL	
DRAFTER: RW	SCALE: NTS
DESIGNER: DC	DATE: FEB 2025
APPROVER: GA	CHECKER: TGB
PROJECT No: T001960A	DRAWING No: E-401





DISTRIBUTION PANEL & FIELD

BILL OF MATERIAL

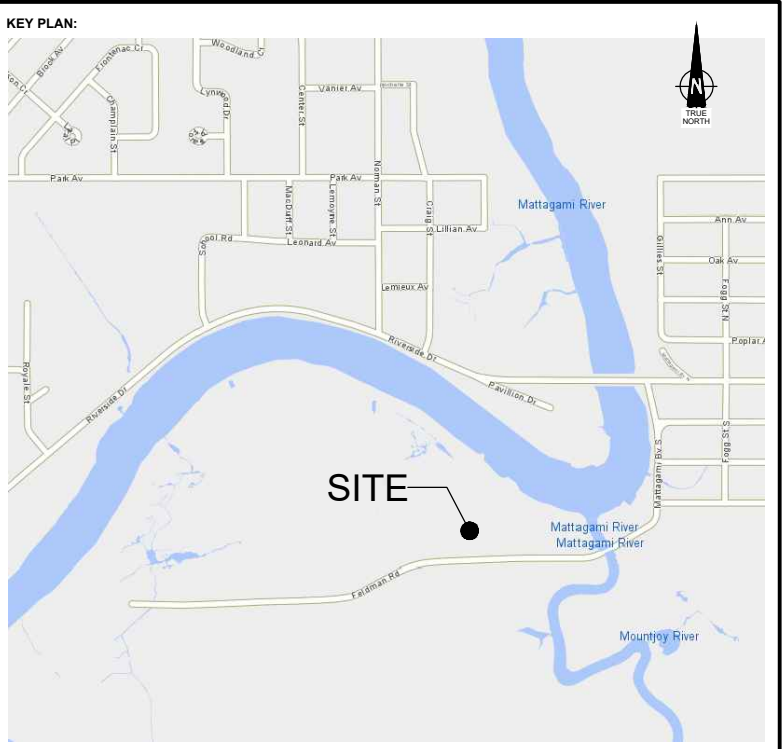
ITEM	DESCRIPTION	QTY.
1	NAME PLATE	1
2	PUSH-TWIST RELEASE MUSHROOM HEAD E-STOP BUTTON C/W YELLOW IEC RING	1
3	MOMENTARY PUSH BUTTON, 30mm	4
4	LED PILOT LIGHT, 30mm	5
5	ELAPSED TIME METER	1
6	RVSS DISPLAY KEYPAD	1
7	3 POSITION SELECTOR SWITCH, 30mm	1



TERMINALS

- | | |
|---|---|
|  | DEVICE TERMINAL |
|  | TERMINAL BLOCK IN LOCAL CONTROL PANEL (LCP) |
|  | TERMINAL BLOCK IN RVSS CABINET |
|  | TERMINAL BLOCK IN PLC |

CP-B



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1	APR 2025	ISSUED FOR ADDENDUM No. 3	GA
0	MAR 2025	ISSUED FOR TENDER	GA
No.	Date	Description	By

STAMPS:



CONSULTANT:



PROJECT NAME:

TIMMINS WTP HIGH LIFT AND
BACKWASH PUMP REPLACEMENT

SHEET TITLE:

**SOFT STARTER CONTROL
SCHEMATIC FOR
BACKWASH PUMP
500-P-14**

ELECTRICAL

DRAFTER:	RW	SCALE:	NTS
DESIGNER:	DC	DATE:	FEB 2025
APPROVER:	GA	CHECKER:	TGB
PROJECT No:	T001960A	DRAWING No:	E-402
SHEET No:			



P1 EXISTING MAIN SWITCHGEAR DETAIL
E210 SCALE: N.T.S.



P2 EXISTING PANEL J DETAIL
E101 SCALE: N.T.S.

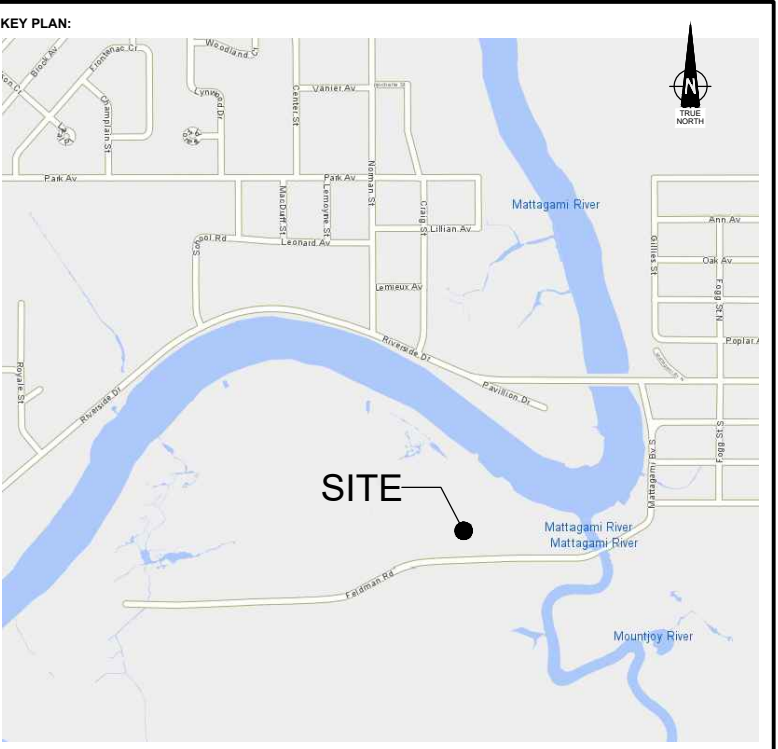


P3 EXISTING MCC-3N AND ATS
E101 SCALE: N.T.S.



P4 WALL PENETRATION DETAIL
E210 SCALE: N.T.S.

P5 WALL PENETRATION DETAIL
E210 SCALE: N.T.S.



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1	APR 2025	ISSUED FOR ADDENDUM No. 3	GA
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No.	Date	Description	By



PROJECT NAME:
TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

SHEET TITLE:
ELECTRICAL DETAILS
SHEET 5

DISCIPLINE: ELECTRICAL			
DRAFTER: RW	SCALE: NTS		
DESIGNER: DC	DATE: FEB 2025		
APPROVER: GA	CHECKER: TGB		
PROJECT No: T001960A	DRAWING No: E-409		
SHEET No:			

NOTES:

- ANY APERTURES IN SLAB OR PAD, REQUIRED BY THE MANUFACTURER, TO BE COORDINATED WITH CONTRACTOR.
- FOR PLAN DIMENSIONS & LOCATION SEE PLAN. FINAL DIMENSIONS TO BE COORDINATED WITH EQUIPMENT.
- WHERE ANCHOR SLEEVES ARE USED, INCREASE MINIMUM EDGE DISTANCE AS REQUIRED BY MANUFACTURER TO PREVENT INTERRUPTION OF REBAR.

1

TYPICAL EQUIPMENT PAD DETAIL

SCALE: 1:20

MATERIAL	APPLICATION	POST	RAIL
GALV. STEEL GRADE	GUARD (ON PLATFORM)	48Ø SCH 40	48Ø SCH 40

4

REMOVABLE HANDRAIL ON PLATFORM

SCALE: 1:10

ELEVATION

2

LADDER & SAFETY GATE DETAIL

SCALE: 1:20

NOTES:

- DETAIL IS REQUIRED AT ALL CABLE TRAY WALL PENETRATIONS AT EXTERIOR WALLS.
- CONTRACTOR TO VERIFY SITE CONDITIONS AND REPORT ANY DISCREPANCY TO THE ENGINEER.
- SUPPORT AND ANCHORAGE OF CABLE TRAY IS BY THE CONTRACTOR.

5

EXTERIOR WALL PENETRATION DETAIL

SCALE: NTS

3 OPENING AT EXISTING WALL & SLAB

SCALE: 1:20

STRUCTURAL NOTES:

GENERAL:

- READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH THE REMAINDER OF THE CONTRACT DRAWINGS AND DOCUMENTS.
- VERIFY ALL DIMENSIONS ON THE STRUCTURAL DRAWINGS WITH THE REMAINDER OF THE CONTRACT DRAWINGS BEFORE CONSTRUCTION. ANY DISCREPANCIES OR ERRORS MUST BE REPORTED TO THE ENGINEER PRIOR TO STARTING THE WORK.
- DO NOT SCALE DRAWINGS.
- DESIGN LOADS INDICATED ARE UNFACTORED UNLESS NOTED OTHERWISE.
- STRUCTURAL DESIGN IS BASED ON THE LATEST EDITION OF THE NATIONAL AND ONTARIO BUILDING CODES.
- FEATURES OF CONSTRUCTION NOT FULLY SHOWN ARE OF THE SAME CHARACTER AS THOSE NOTED FOR SIMILAR CONDITIONS.

MATERIALS:

- THE DESIGN REQUIREMENTS FOR THE CONCRETE MIX DESIGN INDICATED SHALL CONFORM TO THE CHARACTERISTICS DESCRIBED IN THE PROJECT SPECIFICATIONS.
- MINIMUM 28 DAY COMPRESSIVE STRENGTH FOR STRUCTURAL CONCRETE IS 30MPa.
- ALL REINFORCING BAR SHALL BE GRADE 400MPa, DEFORMED, CAN/CSA-G30.18.
- ALUMINUM AND FRP CONSTRUCTION TO CONFORM TO THE REQUIREMENTS OF THE SPECIFICATIONS.
- ALL PIPE SUPPORTS TO BE 304 STAINLESS STEEL, UNLESS NOTED OTHERWISE.

CAST-IN-PLACE CONCRETE:

- DO CONCRETE WORK IN ACCORDANCE WITH THE LATEST VERSION OF THE APPLICABLE CODES AND STANDARDS AS REQUIRED BY THE PROJECT SPECIFICATION.
- FORMWORK AND TOLERANCES IN ACCORDANCE WITH THE LATEST VERSION OF THE APPLICABLE CODES AND STANDARDS AS REQUIRED BY THE PROJECT SPECIFICATIONS.
- SUBMIT REINFORCING DIAGRAMS BEFORE FABRICATION FOR REVIEW BY THE ENGINEER.
- REINFORCING IS TO BE GENERALLY DETAILED IN ACCORDANCE WITH RSIC. MANUAL OF STANDARD PRACTICE (LATEST EDITION). SPLICES SHALL CONFORM TO "TABLE OF CLASS 'B' TENSION LAPS AND STANDARD 90° HOOKS" PROVIDED ON THE DRAWINGS.
- THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL 50mm.
- UNLESS INDICATED OTHERWISE, ALL DOWELS SHALL HAVE THE SAME SIZE AND SPACING AS THE REINFORCING STEEL TO WHICH THEY ARE SPLICED, AND SHALL HAVE A MINIMUM LAP L1.
- ALL REINFORCING STEEL PLACEMENT TO BE INSPECTED BY THE ENGINEER BEFORE PLACING THE CONCRETE.
- NO WELDING OF REINFORCING BARS SHALL BE PERMITTED, UNLESS APPROVAL IS OBTAINED FROM THE ENGINEER PRIOR TO CONSTRUCTION.
- ALL REINFORCING BARS SHALL BE SUPPORTED IN THE FORMS AND SPACED WITH STANDARD ACCESSORIES SO THAT THERE IS NO MOVEMENT DURING CONCRETE PLACEMENT.

TABLE OF CLASS 'B' TENSION LAPS AND STANDARD 90° HOOKS			
Fy = 400MPa, Fc = 30MPa			
BAR SIZE	STANDARD TENSION LAP SPLICE	TENSION LAP SPLICE FOR TOP BARS	STANDARD 90° HOOK
	L1	L2	L3
10M	400mm	500mm	180mm
15M	600mm	700mm	260mm
20M	700mm	900mm	310mm
25M	1100mm	1400mm	400mm
30M	1300mm	1700mm	510mm
35M	1500mm	2000mm	610mm

KEY PLAN:

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No.	Date	Description	By
1	APR 2025	ISSUED FOR ADDENDUM No.3	GA
0	MAR 2025	ISSUED FOR TENDER	GA

STAMPS:

DESIGNED BY: E.M. Day
APPROVED BY:

CONSULTANT:

CLIENT:

PROJECT NAME:

TIMMINS WTP HIGH LIFT AND BACKWASH PUMP REPLACEMENT

SHEET TITLE:

STRUCTURAL DETAILS

DISCIPLINE:

STRUCTURAL

DRAFTER:	SCALE:
LM	AS NOTED
DESIGNER:	DATE:
YC	FEB 2025
APPROVER:	CHECKER:
GA	JZ
PROJECT No:	DRAWING No:
T001960A	S-501
SHEET No:	