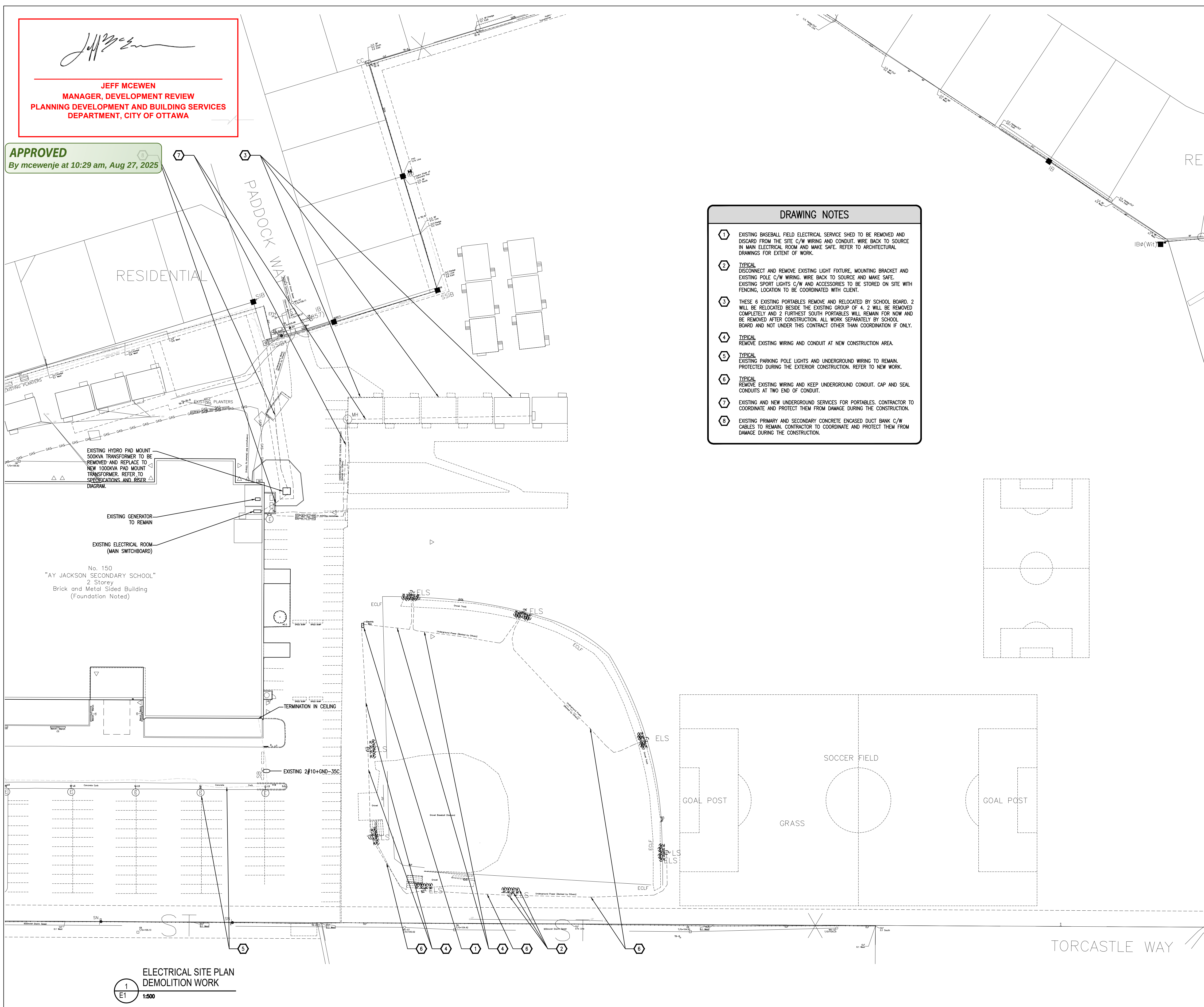


Jeff Mcewen

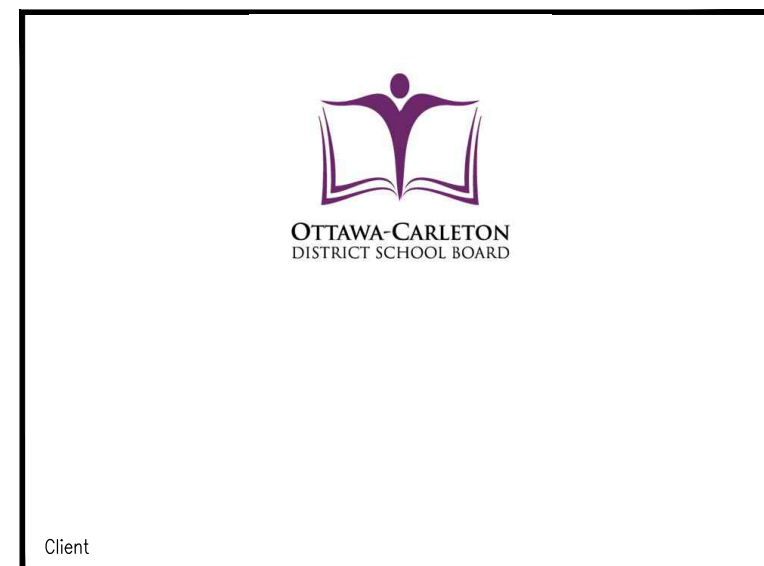
JEFF MCEWEN
MANAGER, DEVELOPMENT REVIEW
PLANNING DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By mcewenje at 10:29 am, Aug 27, 2025



DRAWING NOTES

- EXISTING BASEBALL FIELD ELECTRICAL SERVICE SHED TO BE REMOVED AND DISCARD FROM THE SITE C/W WIRING AND CONDUIT. WIRE BACK TO SOURCE IN MAIN ELECTRICAL ROOM AND MAKE SAFE. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF WORK.
- TYPICAL DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE, MOUNTING BRACKET AND EXISTING POLE C/W WIRING. WIRE BACK TO SOURCE AND MAKE SAFE. EXISTING SPORT LIGHTS C/W AND ACCESSORIES TO BE STORED ON SITE WITH FENCING, LOCATION TO BE COORDINATED WITH CLIENT.
- THESE 6 EXISTING PORTABLES REMOVE AND RELOCATED BY SCHOOL BOARD. 2 WILL BE RELOCATED BESIDE THE EXISTING GROUP OF 4. 2 WILL BE REMOVED COMPLETELY AND 2 FURTHEST SOUTH PORTABLES WILL REMAIN FOR NOW AND BE REMOVED AFTER CONSTRUCTION. ALL WORK SEPARATELY BY SCHOOL BOARD AND NOT UNDER THIS CONTRACT OTHER THAN COORDINATION IF ONLY.
- TYPICAL REMOVE EXISTING WIRING AND CONDUIT AT NEW CONSTRUCTION AREA.
- TYPICAL EXISTING PARKING POLE LIGHTS AND UNDERGROUND WIRING TO REMAIN. PROTECTED DURING THE EXTERIOR CONSTRUCTION. REFER TO NEW WORK.
- TYPICAL REMOVE EXISTING WIRING AND KEEP UNDERGROUND CONDUIT. CAP AND SEAL CONDUITS AT TWO END OF CONDUIT.
- EXISTING AND NEW UNDERGROUND SERVICES FOR PORTABLES. CONTRACTOR TO COORDINATE AND PROTECT THEM FROM DAMAGE DURING THE CONSTRUCTION.
- EXISTING PRIMARY AND SECONDARY CONCRETE ENCASED DUCT BANK C/W CABLES TO REMAIN. CONTRACTOR TO COORDINATE AND PROTECT THEM FROM DAMAGE DURING THE CONSTRUCTION.



Client

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1	0	2025-04-17	ISSUED FOR SITE PLAN CONTROL APPLICATION

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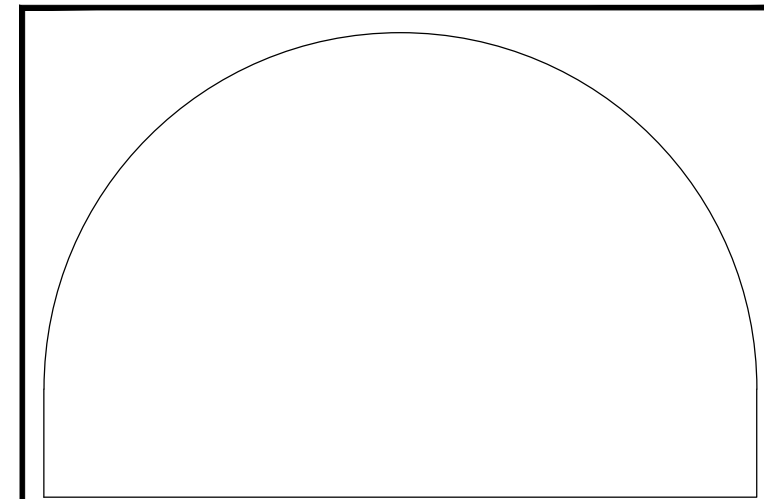
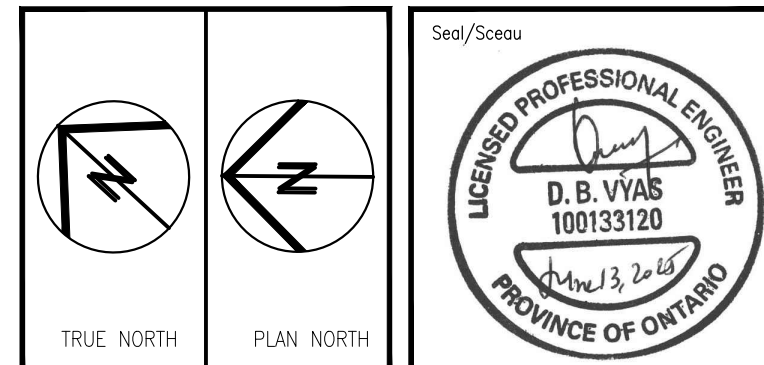
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PROJECT TITLE/TITRE DU PROJET
A.Y. JACKSON SECONDARY SCHOOL
ADDITION 2024

150 ABBEYHILL DRIVE
OTTAWA, ON. K2L 1H7

OTTAWA-CARLETON DISTRICT SCHOOL BOARD
DRAWING TITLE/TITRE DU DESSIN

**ELECTRICAL SITE PLAN -
DEMOLITION WORK**

SCALE ECHELLE	AS NOTED	PROJ. No 2024-300	ISSUE No 2	REV. No -
DRAWN BY DESSINE PAR	J. GUAN	DRAWING/DESSIN E1		
CHECKED BY VERIFIE PAR	D. VYAS			
DATE	APRIL 2025			
		ACAD FILE/FICHER: Z\2024-300\ELEC		

JEFF MCEWEN

JEFF MCEWEN
MANAGER, DEVELOPMENT REVIEW
PLANNING DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By mcewenje at 10:29 am, Aug 27, 2025

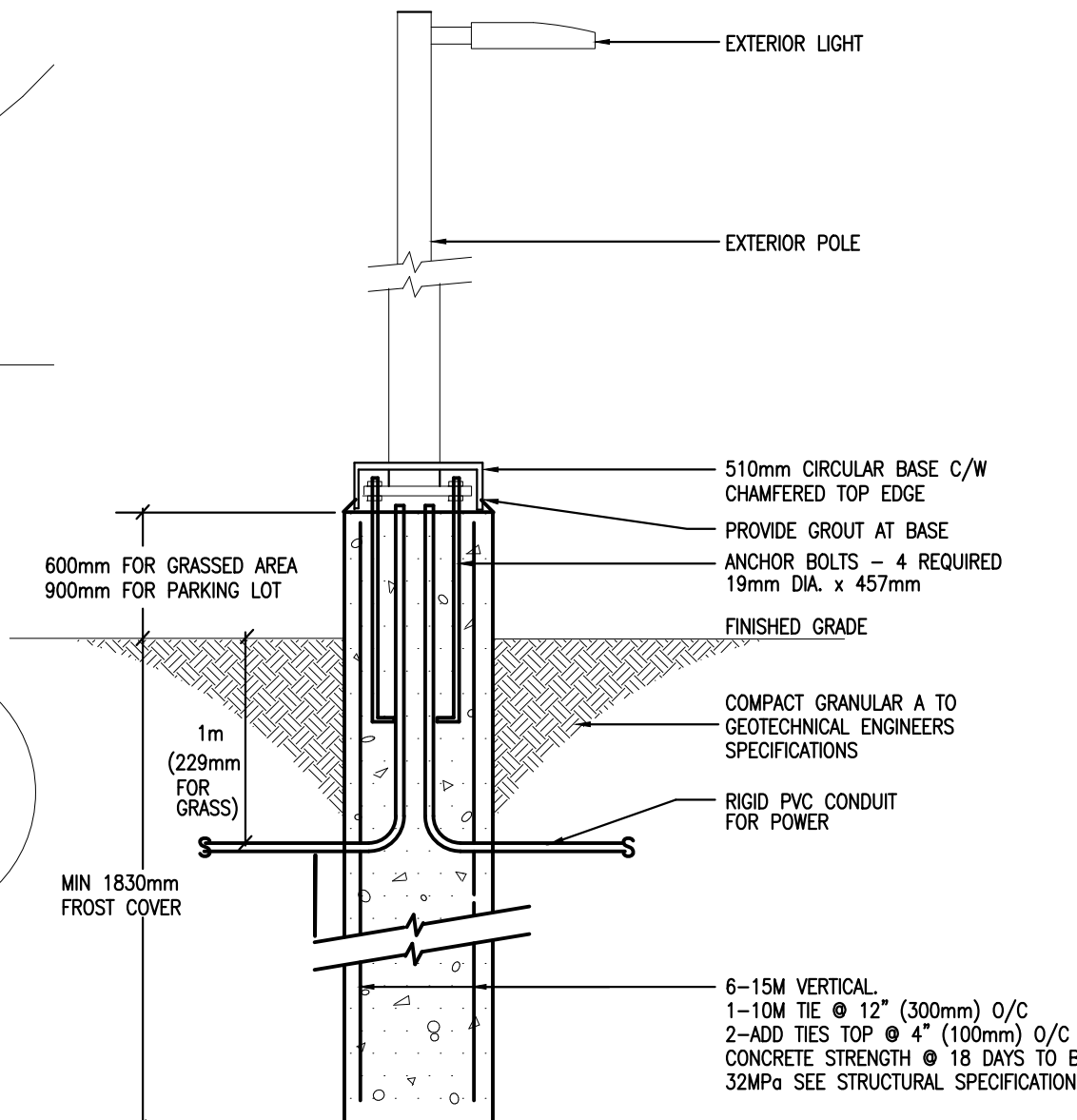
EXTERIOR LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	CATALOG NUMBER	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS	
			QTY	TYPE	WATTS				
A	EXTERIOR 20' POLE LIGHT	MCGRW-EDISON # GALN-SA1C-840-U-T3 MS-DIM-L20		LED	57	4000	120	POLE (20') 5" ROUND POLE C/W SNOW GUARD, TWO FIXTURES C/W HOUSE SHIELD C/W BUILT-IN SENSOR TO REDUCE LIGHTING TO 50% IF UNOCCUPIED FOR MORE THAN 30 MINUTES.	
B	EXTERIOR LED WALL PACK	LUMARK # XTOR6BRL MS-DIM-L20		LED	58	4000	120	WALL (13') ON THE EXTERIOR WALL C/W BUILT-IN SENSOR TO REDUCE LIGHTING TO 50% IF UNOCCUPIED FOR MORE THAN 30 MINUTES.	
C	CANOPY LIGHT	HALO COMMERCIAL # HC8500D10 - HM8255840 - 81WDH		LED	48	4000	120	RECESSED CANOP ON SECOND FLOOR C/W BUILT-IN SENSOR TO REDUCE LIGHTING TO 50% IF UNOCCUPIED FOR MORE THAN 30 MINUTES.	

GENERAL NOTES:

- COORDINATE BURIED SERVICES WITH ALL OTHER SERVICES (WATER, SEWER, GAS, HYDRO, TELEPHONE, CABLE, ETC.) REFER TO RELATED SITE SERVICES DRAWINGS.
- COORDINATE WITH UTILITY AND TELEPHONE/CATV SERVICES FOR LOCATION AND FINAL CONDUIT REQUIREMENTS.
- COORDINATE LOCATION OF LIGHTING FIXTURES WITH LANDSCAPE PLANS.
- EXCAVATION, BACKFILL AND CONCRETE REINFORCING ASSOCIATED WITH ELECTRICAL WORK TO BE BY GENERAL CONTRACTOR.
- USE PVC FOR UNDERGROUND ONLY. CHANGE TO EMT INSIDE BUILDINGS.
- PROVIDE PVC/EMT TRANSITION ADAPTORS AT EXTERIOR TO INTERIOR CONDUITS.

DRAWING NOTES

- PROVIDE NEW EXTERIOR POLE LIGHT. SEE DETAIL 2/E003 AND LIGHT FIXTURE SCHEDULE. PROVIDE NEW UNDERGROUND CONDUIT AND EXTEND EXISTING WIRING WITH 2#8-GND-35C AND CONNECT. CONNECTED NEW EXTERIOR POLE LIGHTS TO EXISTING EXTERIOR POLE LIGHTS.
- TYPICAL PROVIDE BUILDING WALL MOUNTED EXTERIOR FULL CUT-OFF LIGHT FIXTURE. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT. PROVIDE RELAY AND CONTROL BY TIME SWITCH IN NEW ADDITION ELECTRICAL ROOM.
- RUN DIRECT BURIED 3-63MM PVC CONDUITS, CAPPED AND C/W PULL CORDS FOR POWER FROM NEW ADDITION ELECTRICAL ROOM TO NEW SERVICE MANHOLE C/W COVER FOR FUTURE PORTABLES AS SHOWN. RUN DIRECT BURIED 1-53MM PVC CONDUITS C/W PULL CORDS FROM NEW ADDITION ELECTRICAL ROOM AND TERMINATE IN SAME MANHOLE C/W COVER FOR FIRE ALARM. SEE DETAIL 3/E003. PROVIDE NEW MANHOLES.
- RUN DIRECT BURIED 3-53MM PVC CONDUITS C/W PULL CORDS AND TERMINATE IN MANHOLE C/W COVER FOR SECURITY, DATA AND PA/INTERCOM FROM NEW ADDITION IT ROOM TO ANOTHER SERVICE MANHOLE FOR FUTURE PORTABLES. SEE DETAIL 4/E003.
- PROVIDE PORTABLE SERVICE MANHOLES EQUAL TO USI E1B+E3 COMBO C/W COVER BY GENERAL TRADES. ONE FOR POWER AND ONE FOR DATA/SECURITY/FIRE ALARM. ELECTRICAL CONTRACTOR TO COORDINATE ALL CONDUIT KNOCK OUTS.
- TYPICAL PROVIDE OUTDOOR P.A. HORN C/W WIRE GUARD. PROVIDE 21MM CONDUIT TO ACCESSIBLE CEILING SPACE. WIRING BY P.A. SYSTEM CONTRACTOR.
- PROVIDE 4#600MCM + GND IN 103MM PVC CONDUIT FROM EXISTING MAIN ELECTRICAL ROOM 140E AND TERMINATE AT DISTRIBUTION BOARD IN NEW ADDITION ELECTRICAL ROOM. REFER TO ELECTRICAL RISER DIAGRAM. ALLOW FOR 10 METERS IN RELOCATION TO SUIT SITE.



2
E2
BASE DETAIL FOR EXTERIOR LIGHT STANDARD
N.T.S.

1
E2
ELECTRICAL SITE PLAN
1:500



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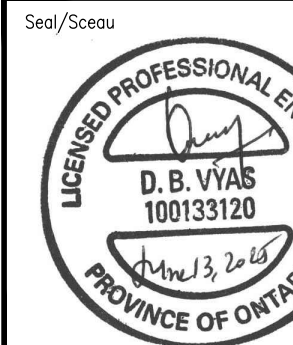
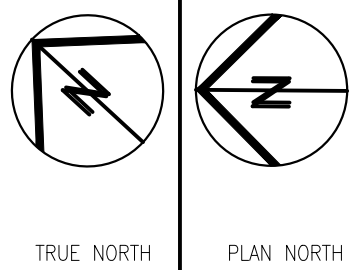
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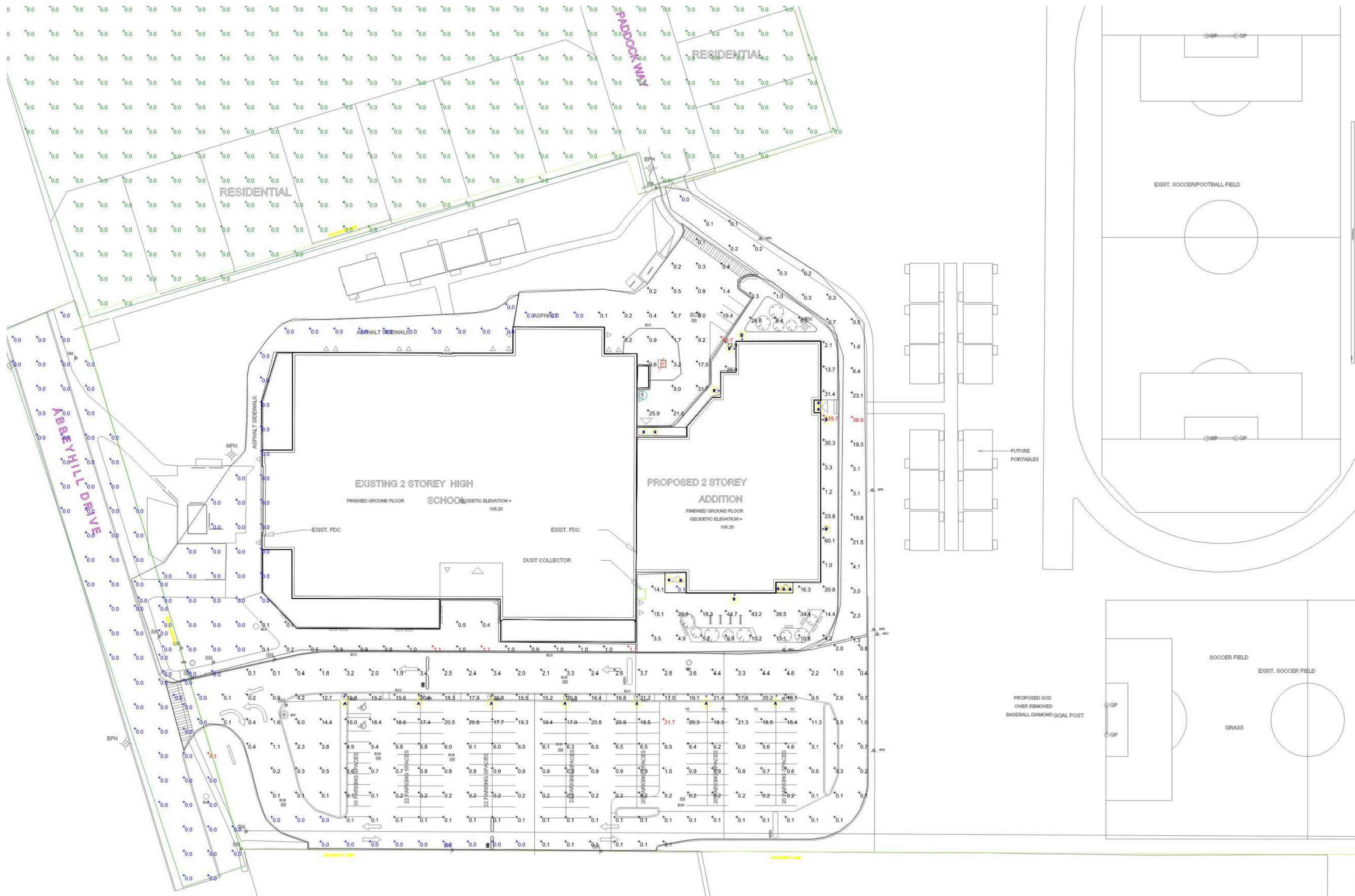
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ELECTRICAL SITE PLAN -
NEW WORK

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DRAWN BY DESSINE PAR	J. GUAN	DRAWING/DESSIN		
CHECKED BY VÉRIFIÉ PAR	D. VYAS	E2		
DATE	APRIL 2025	ACAD FILE/FICHIER: Z:\2024-300\ELEC		



1 SITE LIGHTING CALCULATION
E3 N.T.S.

Jeff McEwen

JEFF MCEWEN
MANAGER, DEVELOPMENT REVIEW
PLANNING DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

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