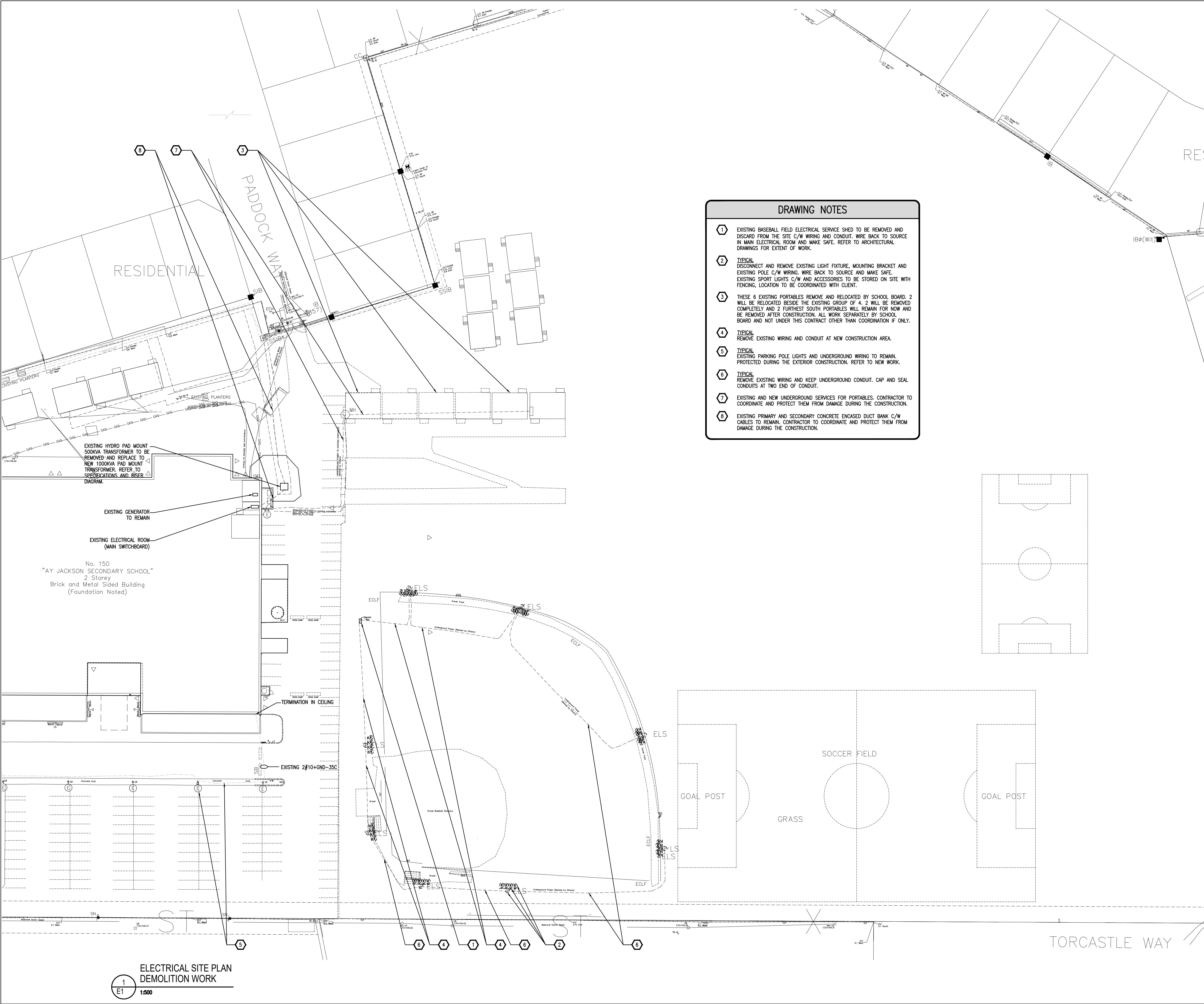




DRAWING NOTES

1

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.

2

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.

3

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.

4

TYPICAL
REMOVE EXISTING WIRING AND CONDUIT AT NEW CONSTRUCTION AREA.

5

TYPICAL
EXISTING PARKING POLE LIGHTS AND UNDERGROUND WIRING TO REMAIN. PROTECTED DURING THE EXTERIOR CONSTRUCTION. REFER TO NEW WORK.

6

TYPICAL
REMOVE EXISTING WIRING AND KEEP UNDERGROUND CONDUIT. CAP AND SEAL CONDUITS AT TWO END OF CONDUIT.

7

EXISTING AND NEW UNDERGROUND SERVICES FOR PORTABLES. CONTRACTOR TO COORDINATE AND PROTECT THEM FROM DAMAGE DURING THE CONSTRUCTION.

8

EXISTING PRIMARY AND SECONDARY CONCRETE ENCASED DUCT BANK C/W CABLES TO REMAIN. CONTRACTOR TO COORDINATE AND PROTECT THEM FROM DAMAGE DURING THE CONSTRUCTION.



OTTAWA-CARLETON
DISTRICT SCHOOL BOARD

Client

2	0	2025-06-13	ISSUED FOR SITE PLAN CONTROL APPLICATION
1	0	2025-04-17	ISSUED FOR SITE PLAN CONTROL APPLICATION

ISSUE NO. REV. NO. DATE YYYYMMDD ISSUE

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND / OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

THIS DRAWING IS THE PROPERTY OF GOODKEY WEEDMARK & ASSOCIATES LIMITED AND ALL COPYRIGHTS ARE RESERVED. NO USE OF THIS DRAWING MAY BE MADE WITHOUT EXPRESS WRITTEN CONSENT.

DO NOT SCALE DRAWINGS.

L'INGÉNIEUR DÉCLINE TOUTE RESPONSABILITÉ DÉCOULANT DE PROBLÈMES FAISANT SUITE AU NON RESPECT DES PLANS, DEVIS ET DE L'INTENTION DU CONCEPT QU'ILS INDOQUENT OU DE TOUTS LES PROBLÈMES POUVANT RÉSULTER DU DÉFAUT D'OBTENIR ET / OU DE SUIVRE LES CONSEILS DE L'INGÉNIEUR EN CE QUI CONCERNE LES ERREURS, OMISSIONS, INCONSISTANCES, AMBIGUITÉS OU CONFLITS ALLEGUÉS.

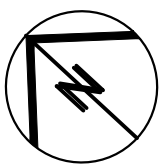
CE DESSIN EST LA PROPRIÉTÉ LITTÉRAIRE DE GOODKEY WEEDMARK & ASSOCIATES LIMITED ET TOUTS LES DROITS SONT RÉSERVÉS. L'UTILISATION EST INTERDITE SANS LE CONSENTEMENT ÉCRIT DE L'AUTEUR.

NE PAS MESURER LES DESSINS À L'ÉCHELLE.

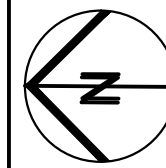


Goodkey Weedmark
Consulting Engineers

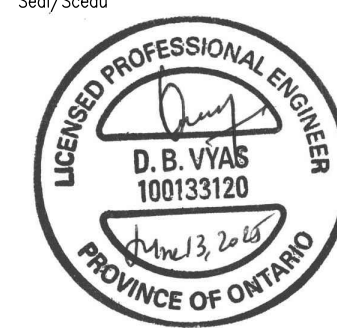
GOODKEY WEEDMARK & ASSOCIATES LIMITED
1688 Woodward Dr.
Ottawa Ontario
Canada K2C 3R8
613 727-5111
613 727-5115
www.gwal.com
Voice
Fax
Web



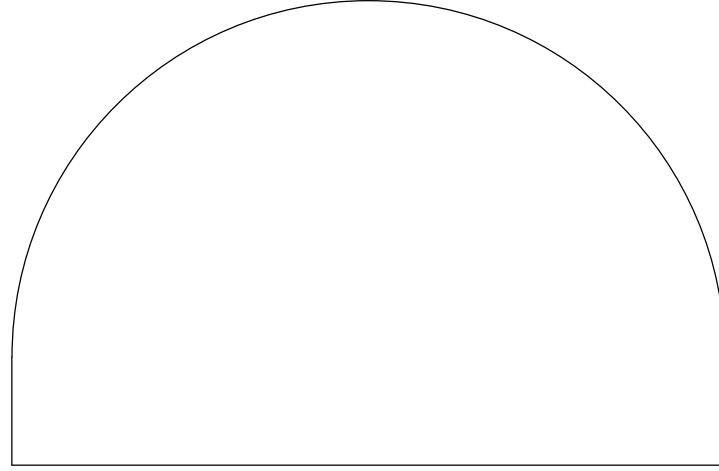
TRUE NORTH



PLAN NORTH



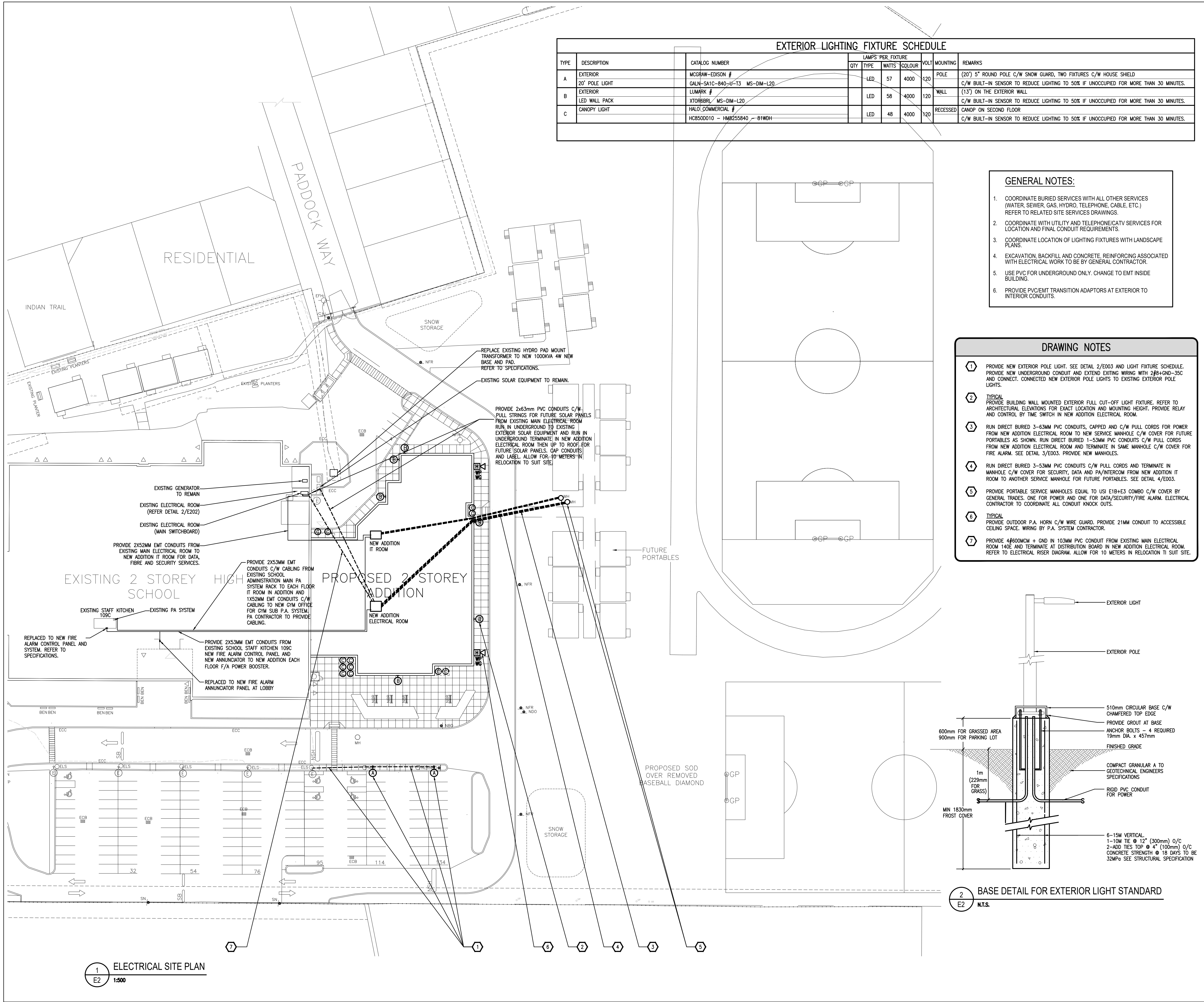
Seal/Scelo
LICENSED PROFESSIONAL ENGINEER
D.B. VYAS
100133120
APR 13 2025
PROVINCE OF ONTARIO



EDWARD J CUHACI
& ASSOCIATES ARCHITECTS Inc.
171 Slater St, Suite 100, Ottawa, Ontario, K1P 5H7
Fax: (613) 236-1944 Telephone: (613) 236-7135 E-mail: info@cuhaci.com

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		
CHECKED BY VÉRIFIÉ PAR	D. VYAS	E1		
DATE	APRIL 2025	ACAD FILE/FICHIER: Z\2024-300\ELEC		



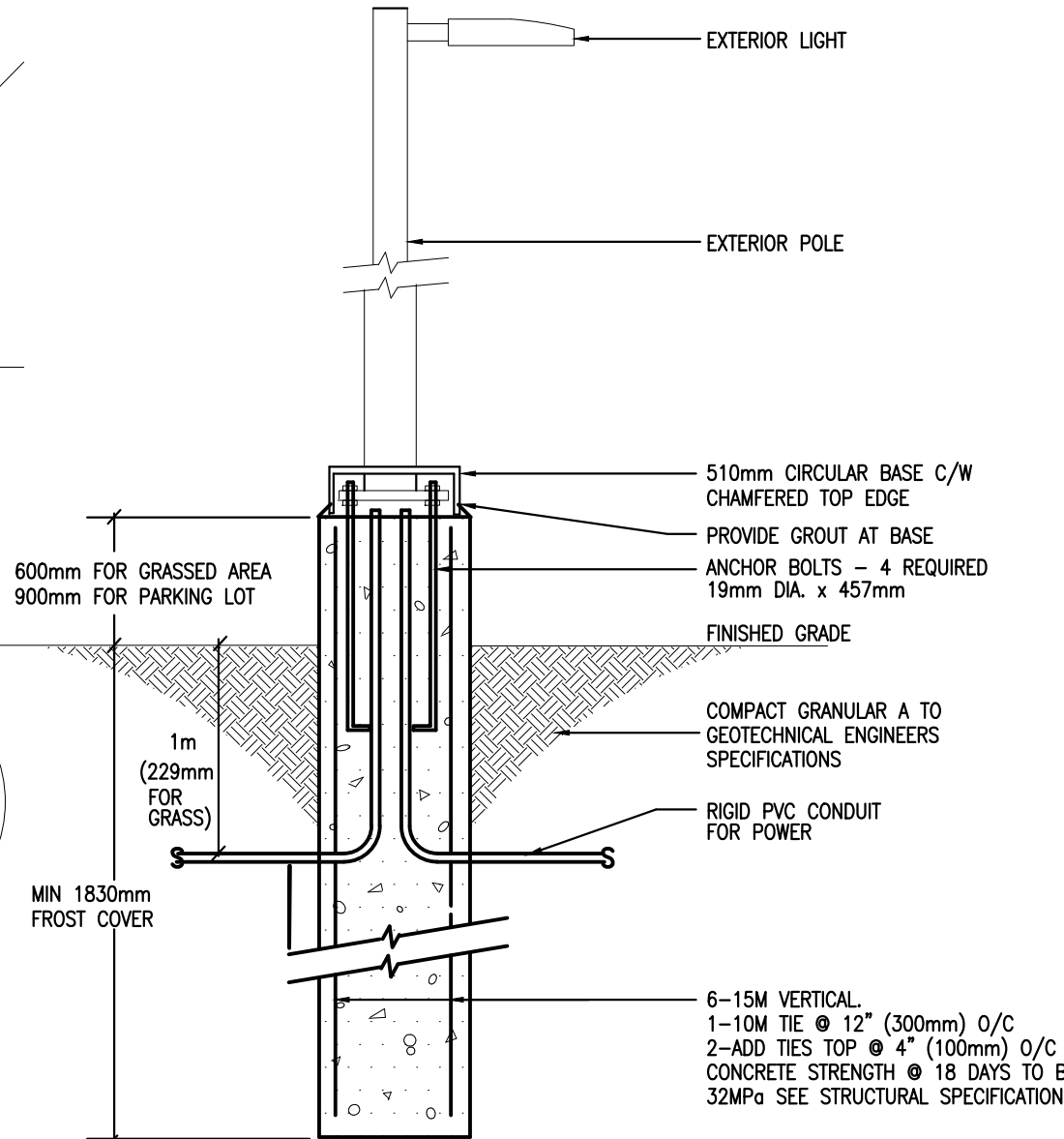
EXTERIOR LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	CATALOG NUMBER	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS	
			QTY	TYPE	WATTS	COLOUR			
A	EXTERIOR 20' POLE LIGHT	MCGRW-EDISON # GALN-SA1C-840-U-T3 MS-DIM-L20		LED	57	4000	120	POLE	(20') 5" ROUND POLE C/W SNOW GUARD, TWO FIXTURES C/W HOUSE SHIELD C/W BUILT-IN SENSOR TO REDUCE LIGHTING TO 50% IF UNOCCUPIED FOR MORE THAN 30 MINUTES.
B	EXTERIOR LED WALL PACK	LUMARK # XT0R6BRL 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 # HC850D010 - 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 BASE DETAIL FOR EXTERIOR LIGHT STANDARD
E2 N.T.S.



Client

2	0	2025-06-13	ISSUED FOR SITE PLAN CONTROL APPLICATION
1	0	2025-04-17	ISSUED FOR SITE PLAN CONTROL APPLICATION
ISSUE NO.	REV. NO.	DATE	ISSUE

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND / OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

THIS DRAWING IS THE PROPERTY OF GOODKEY WEEDMARK & ASSOCIATES LIMITED AND ALL COPYRIGHTS ARE RESERVED. NO USE OF THIS DRAWING MAY BE MADE WITHOUT EXPRESS WRITTEN CONSENT.

DO NOT SCALE DRAWINGS.

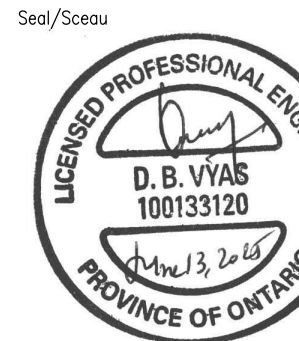
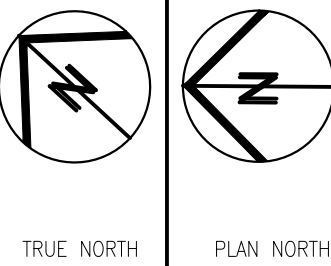
L'INGÉNIEUR DÉCLINE TOUTE RESPONSABILITÉ DÉCOULANT DE PROBLÈMES FAISANT SUITE AU NON RESPECT DES PLANS, DEVIS ET DE L'INTENTION DU CONCEPT QU'ILS INDICENT OU DE TOUS LES PROBLÈMES POUVAIENT RÉSULTER DU DÉFAUT D'OBTENIR ET / OU DE SUIVRE LES CONSEILS DE L'INGÉNIEUR EN CE QUI CONCERNE LES ERREURS, OMISSIONS, INCONSISTANCES, AMBIGUITÉS OU CONFLITS ALLEGUÉS.

CE DESSIN EST LA PROPRIÉTÉ LITTÉRAIRE DE GOODKEY WEEDMARK & ASSOCIATES LIMITED ET TOUS LES DROITS SONT RÉSERVÉS. L'UTILISATION EST INTERDITE SANS LE CONSENTEMENT ÉCRIT DE L'AUTEUR.

NE PAS MESURER LES DESSINS À L'ÉCHELLE.



GOODKEY WEEDMARK & ASSOCIATES LIMITED
1688 Woodward Dr. 613 727-5111 Voice
Ottawa Ontario 613 727-5115 Fax
Canada K2C 3R8 www.gwal.com Web



EDWARD J CUHACI & ASSOCIATES ARCHITECTS Inc.
171 Slater St, Suite 100, Ottawa, Ontario, K1P 5H7
Fax: (613) 236-1944 Telephone: (613) 236-7135 E-mail: info@cuhaci.com

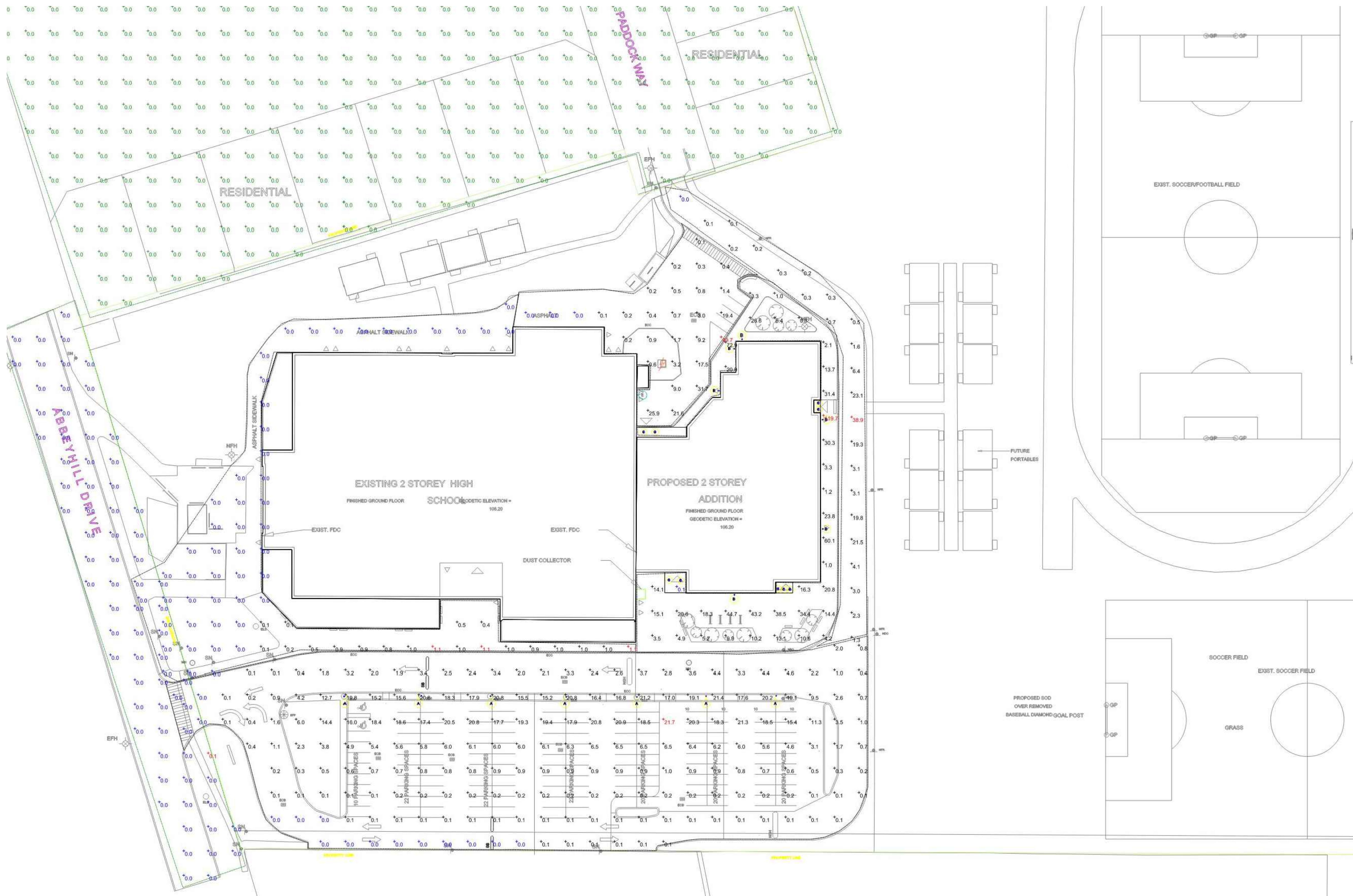
PROJECT TITLE/TITRE DU PROJET
A.Y. JACKSON SECONDARY SCHOOL ADDITION 2024

150 ABBEYHILL DRIVE
OTTAWA, ON. K2L 1H7

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

ELECTRICAL SITE PLAN - NEW WORK

SCALE	AS NOTED	PROJ. No	ISSUE No	REV. No
ECHELLE		2024-300	2	-
DRAWN BY	J. GUAN	DRAWING/DESSIN		
DESSINE PAR		E2		
CHECKED BY	D. VYAS			
VERIFIE PAR				
DATE	APRIL 2025	ACAD FILE/FICHIER: Z:\2024-300\ELEC		



1 SITE LIGHTING CALCULATION
E3 N.T.S.



Client

ISSUE NO.	REV. NO.	DATE	ISSUE
2	0	2025-06-13	ISSUED FOR SITE PLAN CONTROL APPLICATION
1	0	2025-04-17	ISSUED FOR SITE PLAN CONTROL APPLICATION

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND / OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

THIS DRAWING IS THE PROPERTY OF GOODKEY WEEDMARK & ASSOCIATES LIMITED AND ALL COPYRIGHTS ARE RESERVED. NO USE OF THIS DRAWING MAY BE MADE WITHOUT EXPRESS WRITTEN CONSENT.

DO NOT SCALE DRAWINGS.

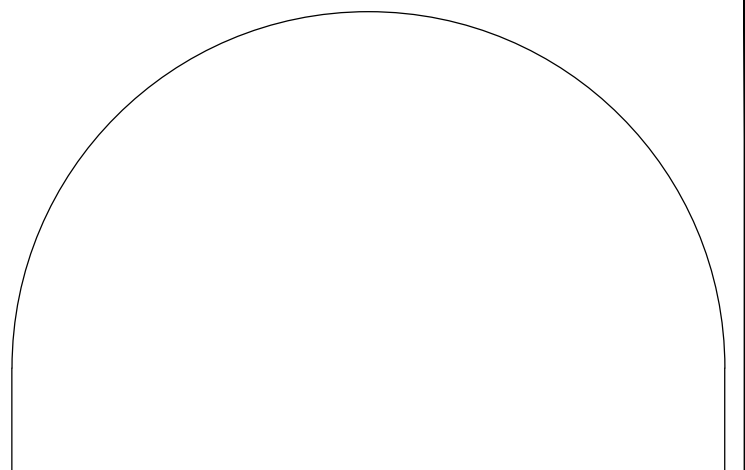
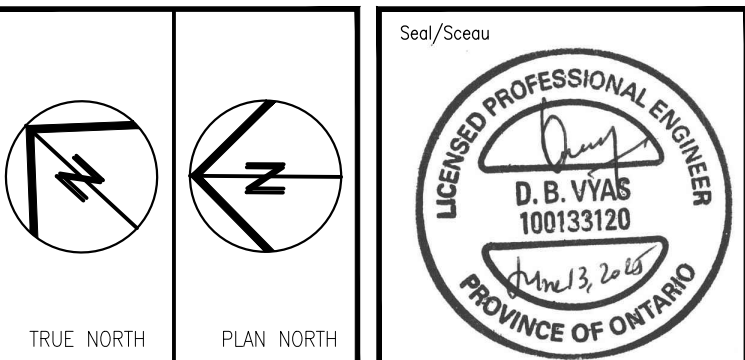
L'INGÉNIEUR DÉCLINE TOUTE RESPONSABILITÉ DÉCOULANT DE PROBLÈMES FAISANT SUITE AU NON RESPECT DES PLANS, DEVIS ET DE L'INTENTION DU CONCEPT QU'ILS INDICENT OU DE TOUTES LES PROBLÈMES POUVANT RÉSULTER DU DÉFAUT D'OBTENIR ET / OU DE SUIVRE LES CONSEILS DE L'INGÉNIEUR EN CE QUI CONCERNE LES ERREURS, OMISSIONS, INCONSISTANCES, AMBIGUITÉS OU CONFLITS ALLEGUÉS.

CE DESSIN EST LA PROPRIÉTÉ LITTÉRAIRE DE GOODKEY WEEDMARK & ASSOCIATES LIMITED ET TOUS LES DROITS SONT RÉSERVÉS. L'UTILISATION EST INTERDITE SANS LE CONSENTEMENT ÉCRIT DE L'AUTEUR.

NE PAS MESURER LES DESSINS À L'ÉCHELLE.



GOODKEY WEEDMARK & ASSOCIATES LIMITED
1688 Woodward Dr. 613 727-5111 Voice
Ottawa Ontario 613 727-5115 Fax
Canada K2C 3R8 www.gwal.com Web



EDWARD J CUHACI
& ASSOCIATES ARCHITECTS INC.
171 Slater St, Suite 100, Ottawa, Ontario, K1P 5H7
Fax: (613) 236-1944 Telephone: (613) 236-7135 E-mail: info@cuhaci.com

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

SITE LIGHTING CALCULATION

SCALE ECHELLE	AS NOTED	PROJ. No 2024-300	ISSUE No 2	REV. No -
DRAWN BY DESSINE PAR	J. GUAN	DRAWING/DESSIN	E3	
CHECKED BY VÉRIFIÉ PAR	D. VYAS			
DATE	APRIL 2025	ACAD FILE/FICHIER	Z:\2024-300\ELEC	