

GOVERNMENT OF CANADA DRILL HALL PARKING LOT

ELECTRICAL UPGRADES REGINA, SASKATCHEWAN

ISSUED FOR CONSTRUCTION DECEMBER 12, 2017

number
10

ARCHITECTURAL

NUMBER TEN ARCHITECTURAL GROUP - 310 - 115 BANNATYNE AVE. - WINNIPEG, MB. R3B 0R3

A1.0 TITLE SHEET

A1.1 SITE PLANS AND DETAILS

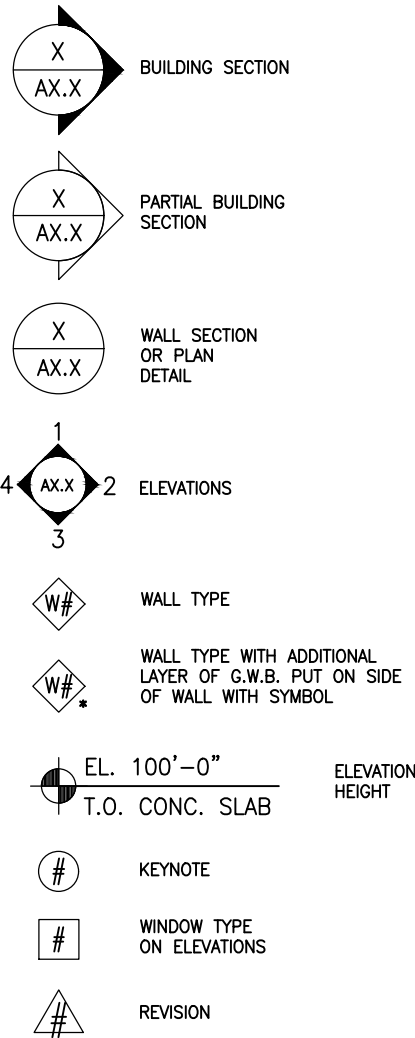
ELECTRICAL

RITENBURG + ASSOCIATES ENGINEERING CONSULTANTS - 2222 ALBERT STREET - REGINA, SK, S4P 2V2

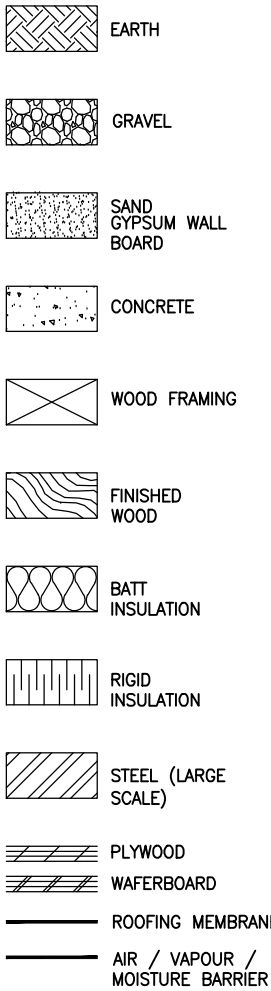
E1 ELECTRICAL SITE PLAN

E2 PARTIAL SINGLE LINE PANEL SCHEMATICS ELECTRICAL DETAILS

SYMBOLS AND ABBREVIATIONS

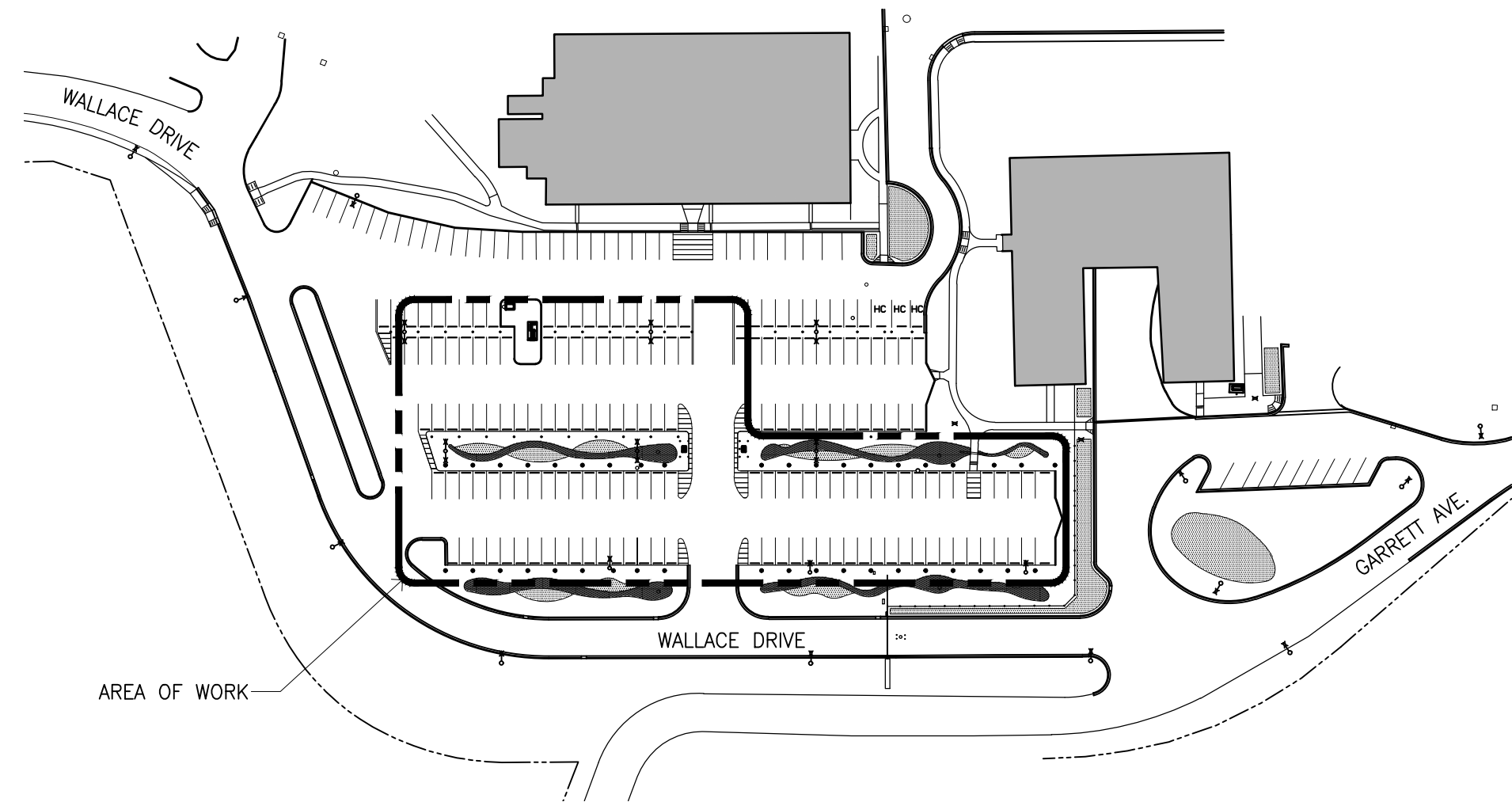


MATERIAL SYMBOLS LEGEND

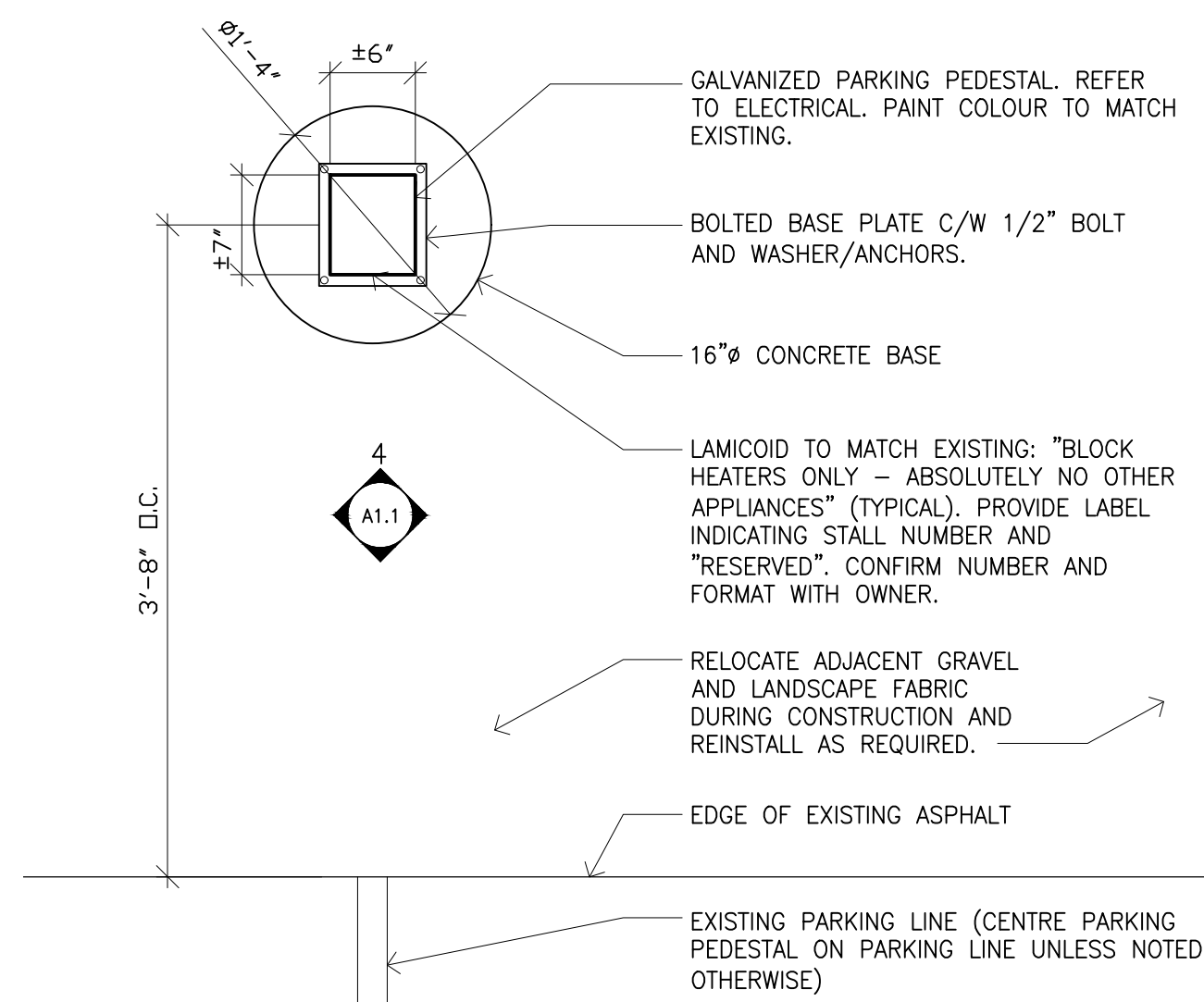


ABBREVIATION LEGEND

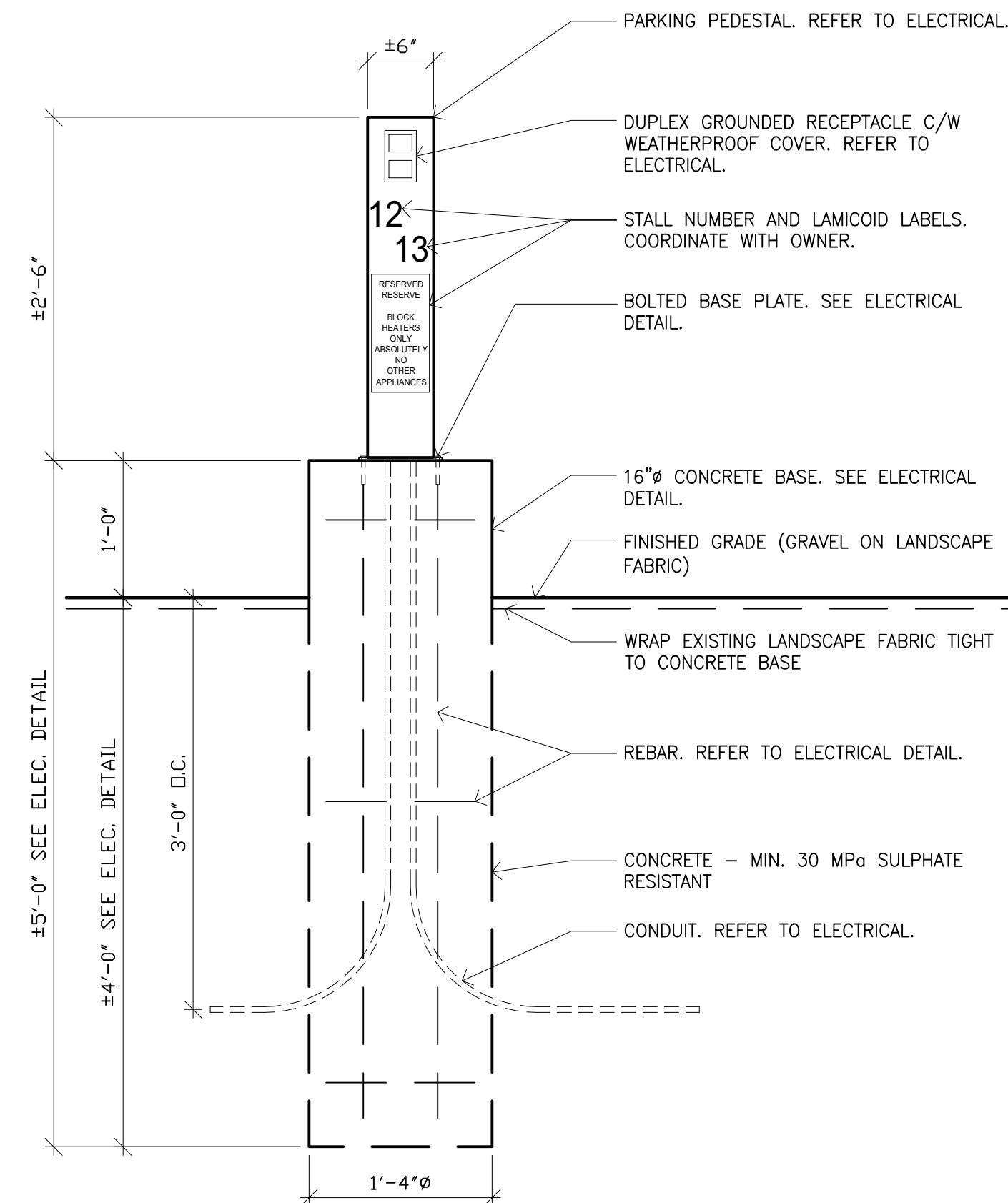
A/V	AR / VAPOUR	EPB	ENVIRONMENTAL PARTICLE BOARD	MAX	MAXIMUM	SLR	SEALER
ACT	ACOUSTIC CEILING TILE	EX	EXISTING	MDO	MEDIUM DENSITY OVERLAY	SS	STAINLESS STEEL
AFF	ADJUSTABLE	EXPS	EXPOSED STRUCTURE	MIN	MAGNETIC HOLD OPEN MINIMUM	STL	STEEL
AK	ACOUSTIC PLASTER	F or FLR	FLOORING	N	NATURAL	STRUC	STRUCTURAL
AP	ADJUSTABLE	FHC	FIRE HOSE CABINET	NTS	NOT IN CONTRACT	SB	SAND BLASTED
AL	ALUMINUM	FR	FIRE RATED	NTS	NOT TO SCALE	SC	SCORED CONCRETE BLOCK
APL	ACOUSTIC PANEL	FRP	FIBREGLASS REINFORCED PANEL	N/A	NOT APPLICABLE	SF	SAFETY FLOOR
APL	ACOUSTIC PANEL	FD	FLOOR DRAIN	N/A	NOT APPLICABLE	SFP	SPRAYED FIREPROOFING
B	BASE	FIN	FINISH	NS	NON-SLIP	SJD	SEALED
BF	BROOM FINISH	PROB	FIRE RATED GYPSUM BOARD	OC	ON CENTRE	SPD	SLOPED
BL	BORROWED LIGHT	CIS	GOOD ONE SIDE	OH	OVERHEAD DOOR	ST	STAIN
BT	BOTTOM	C2S	GOOD TWO SIDES	OF	OIL FINISH	STOR	STORAGE
BD	BUSH HAMMERED	GI	GALVANIZED IRON	PT	PAINT	SV	SHEET VINYL
BH	BUSH HAMMERED	GR	GRANITE	PB	PAVING BRICK	T/O	TOP OF
BLDG	BUILDING	OB	GYPSUMBOARD	PCT	PORCELAIN TILE	TB	TACKBOARD
BR	BRICK	GL	GLASS / GLAZING	PH	PREFINISHED HARDBOARD	TEX	TEXTURED
C	COMPLETE WITH CHALKBOARD	GYP	GYPSUM	PLY	PLYWOOD	TL	TRANSOM LIGHT
CB	CHALKBOARD	H	HOLLOW	POLY	POLYETHYLENE	TYP	TYPICAL
CBR	CONCRETE BRICK	HDR	HARDENER	PS	PRESSED STEEL	TBL	TERRAZZO BLOCK
CLR	CLEAR	HM	HOLLOW METAL	PS	PRESSED STEEL	TGL	TEMPERED GLASS
CL	CONTINUOUS	HP	HIGH POINT	PART	PARTITION	TRO	TRANSLUCENT ROOF DECK
CPL	CEMENT PLASTER	HSDG	HERMETICALLY SEALED DOUBLE GLASS	PF	PRECAST CONCRETE	TGL	TEMPERED GLASS
CT	CERAMIC TILE	HT	HEIGHT	PO	PREFINISHED	U/S	UNDERSIDE
C or CONC	CONCRETE	HC	HOLLOW CORE	PL	PLATE GLASS	U/G	UNDERGROUND
CLG	CONCRETE BLOCK	HW	HARDWARE	PLAM	PLASTIC LAMINATE	UC	UNDERWRITERS LABORATORIES CANADA
CLD	CEILING	HR	HORIZONTAL	PM	PREFINISHED METAL	UC	UNDERWRITERS LABORATORIES CANADA
COL	COLUMN	HSC	HERMETICALLY SEALED TRIPLE GLASS	PAR	PAPER	UNO	UNLESS NOTED OTHERWISE
CORR	CORRIDOR	HSTC	HIGH BUILD EPOXY COAT	QT	QUARRY TILE	V	VARIABLE
COT	CARPET	HSEC	HIGH BUILD EPOXY COAT	R	RISER	VCB	VENT COVE BASE
DET	DETAIL	INS/INSUL	INSULATION	RCB	RUBBER COVE BASE	VERT	VERTICAL
DG	DOOR GRILLE	INT	INTERIOR	RA	RUBBER STAR TREAD	VGB	VINYL GYPSUMBOARD
DR	DOOR	LAM	LAMINATED	R	RUBBER	VWC	VINYL WALLCOVERING
DF	DRINKING FOUNTAIN	UNGLUM	UNGLASS	RF	RUBBER FLOOR	VB	VAPOUR BARRIER
DN	DOWN	LGL	LAMINATED GLASS	R	RESILIENT SHEET FLOOR	VCT	VINYL COMPOSITE TILE
DWG	DRAWING	LP	LOW POINT	RSB	REINFORCED GYPSUMBOARD	VST	VESTIBULE
EF	EPOXY FLOOR	M or MTL	METAL	S	SOLID	W	WALL
ELEC	ELECTRICAL	MDP	MEDIUM DENSITY FIBREBOARD	SC	SOLID CORE	WO	WOOD
EQ	EQUAL	MECH	MECHANICAL	SCB	SELF COVE BASE	WL	WIRE GLASS
EXP	EXPOSED	MR	MIRROR	SHT	SHEET FLOORING	W/P	WOOD PANELING
EXT	EXTERIOR					W/O	WITHOUT
EL	ELEVATION						
EP	EPOXY PAINT						



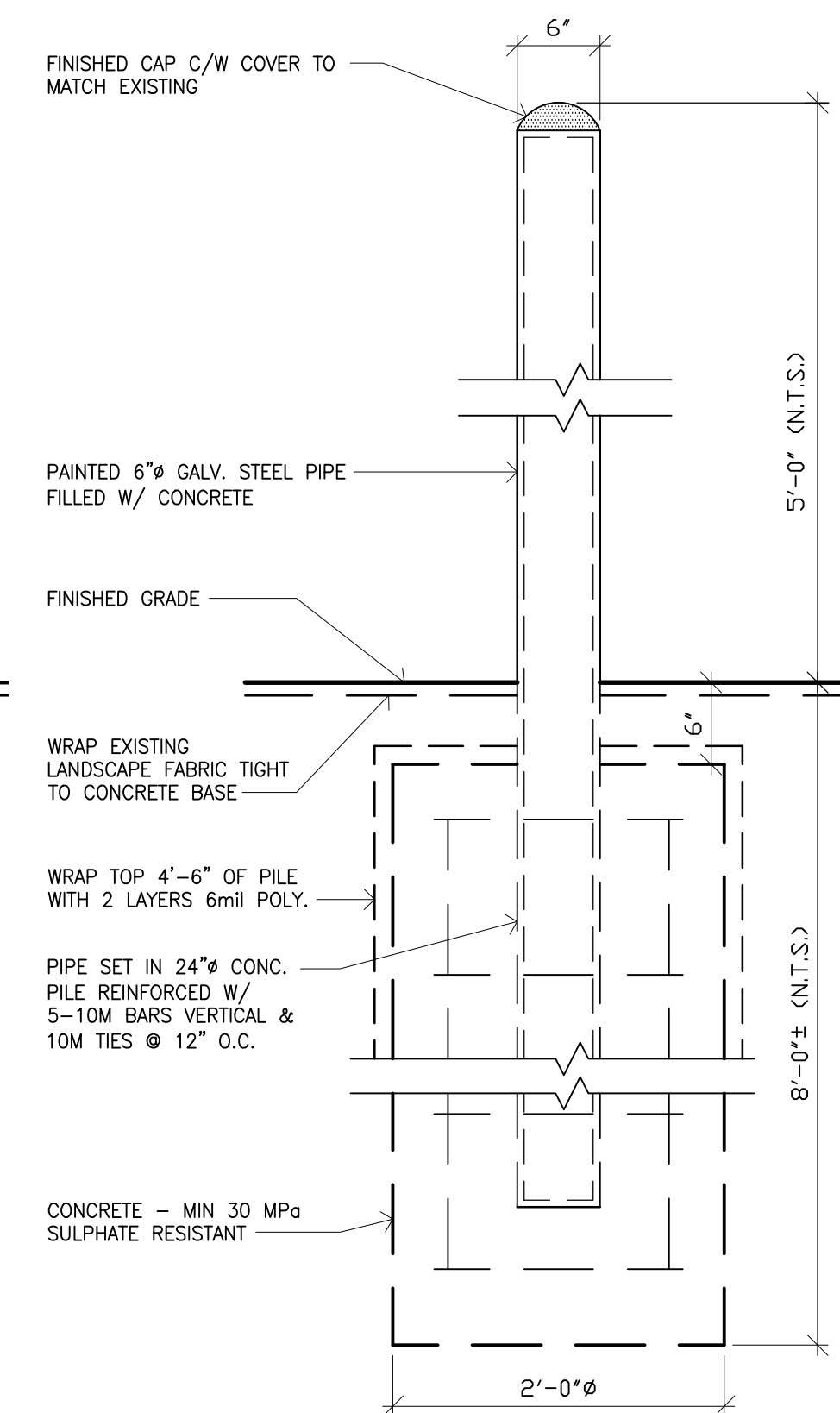
1 KEY PLAN
A1.1 SCALE: 1" = 100'-0"



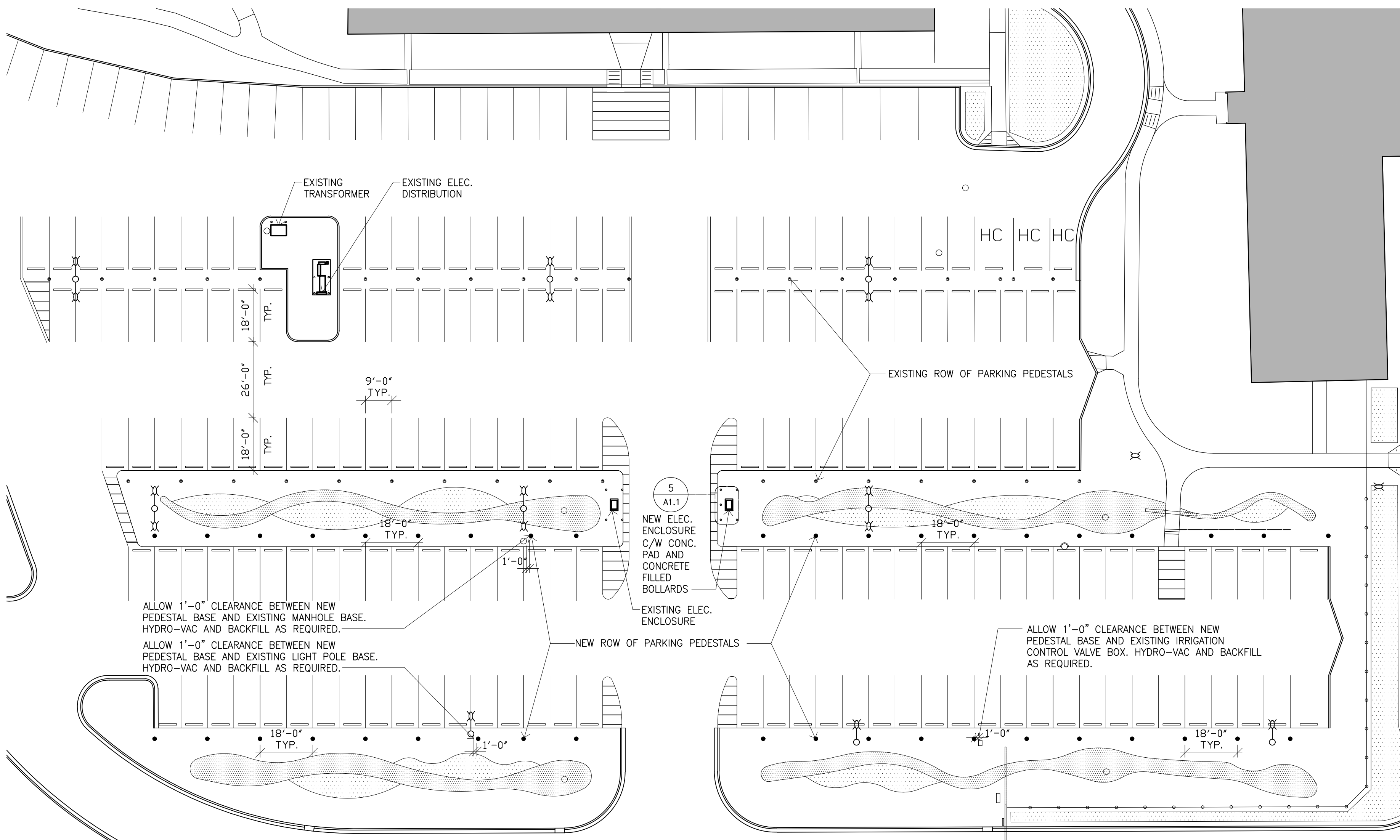
3 TYPICAL PEDISTAL PLAN DETAIL
A1.1 SCALE: 1" = 1'-0"



4 TYPICAL PEDESTAL ELEVATION DETAIL
A1.1 SCALE: 1" = 1'-0"



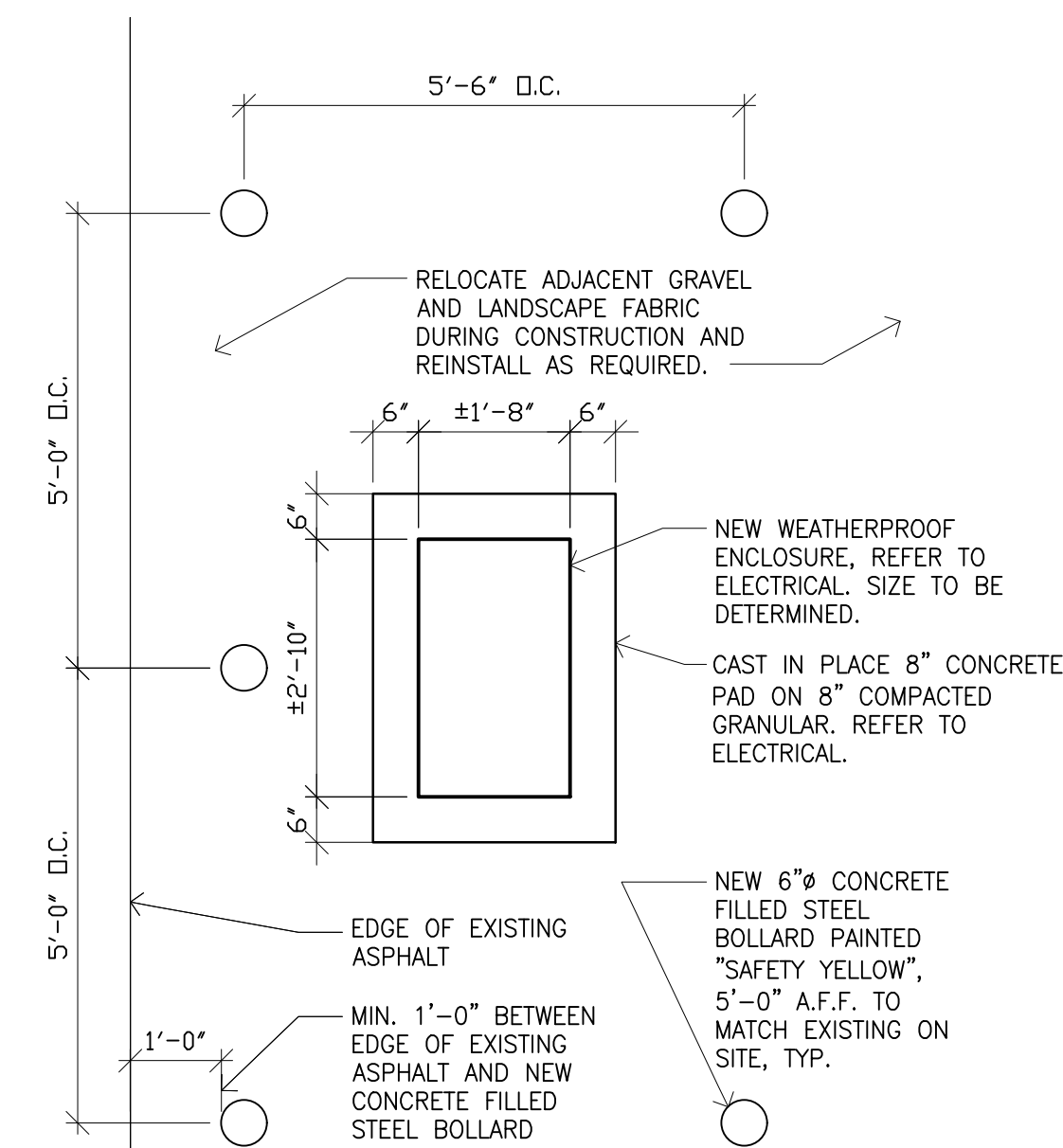
7 TYPICAL BOLLARD DETAIL
A1.1 SCALE: 1" = 1'-0"



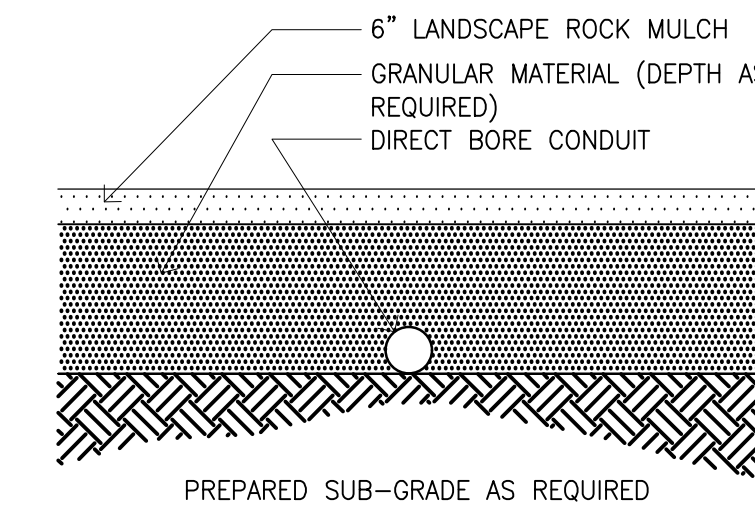
2 SITE PLAN
A1.1 SCALE: 1" = 25'-0"

GENERAL NOTES:

- PATCH AND MAKE GOOD SURFACES AFFECTED BY DEMOLITION AND/OR NEW CONSTRUCTION TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE. NOTE EXISTING ASPHALT: LIGHT DUTY ASPHALT STRUCTURE:
 - 50mm AC
 - 150mm BASE
 - 150mm SUBBASE
 - NON-WOVEN GEOTEXTILE
- WRAP LANDSCAPE FABRIC TIGHT TO LANDSCAPE PENETRATIONS IN LANDSCAPE BEDS
- COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION WITH ELECTRICAL.
- CONTRACTOR RESPONSIBLE TO IDENTIFY EXISTING UNDERGROUND CABLES AND UTILITIES THAT MAY CONFLICT WITH NEW WORK. REFER TO OWNER SUPPLIED INFORMATION FOR APPROXIMATE LOCATIONS OF UNDERGROUND SERVICES.
- RESTORE LANDSCAPING WHERE ELECTRICAL DISTURBS LANDSCAPE BED.
- REFER TO ELECTRICAL FOR BORING AND TRENCHING LOCATIONS.



5 PAD MOUNTED ENCLOSURE DETAIL
A1.1 SCALE: 1/2" = 1'-0"



6 BORE PIT BACKFILL AND REPAIR DETAIL
A1.1 SCALE: N.T.S.

THIS DRAWING MUST NOT BE SCALED.

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO NUMBER TEN ARCHITECTURAL GROUP BEFORE PROCEEDING.

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REVISED/ ISSUED/ PLOTTED	DATE
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ISSUED FOR 80% REVIEW	OCT.26/17

number **TEN** architectural group
Winnipeg Office 204.942.0981
Victoria Office 250.360.2106
architecture ■ interior design ■ planning

GOVERNMENT OF CANADA
DRILL HALL PARKING LOT
ELECTRICAL UPGRADES

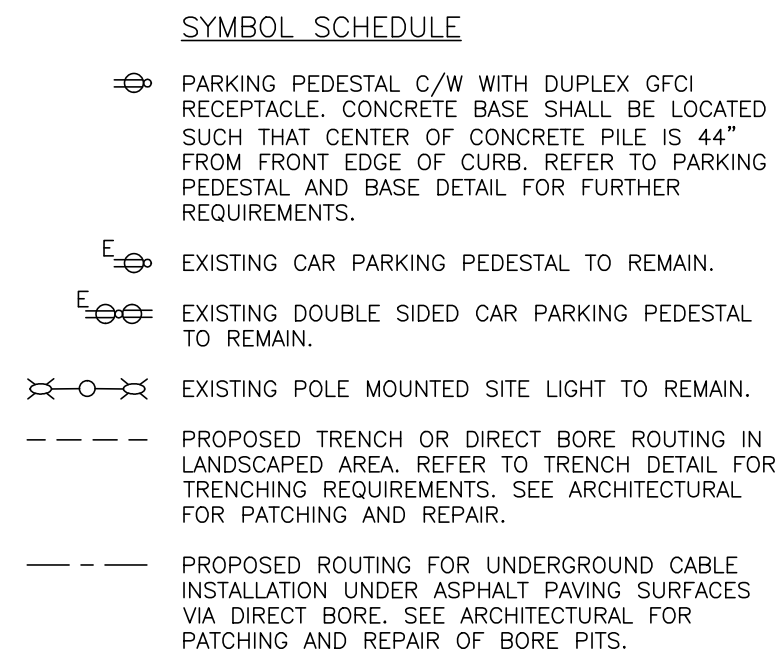
project
SITE PLANS + DETAILS

sheet title

consultant



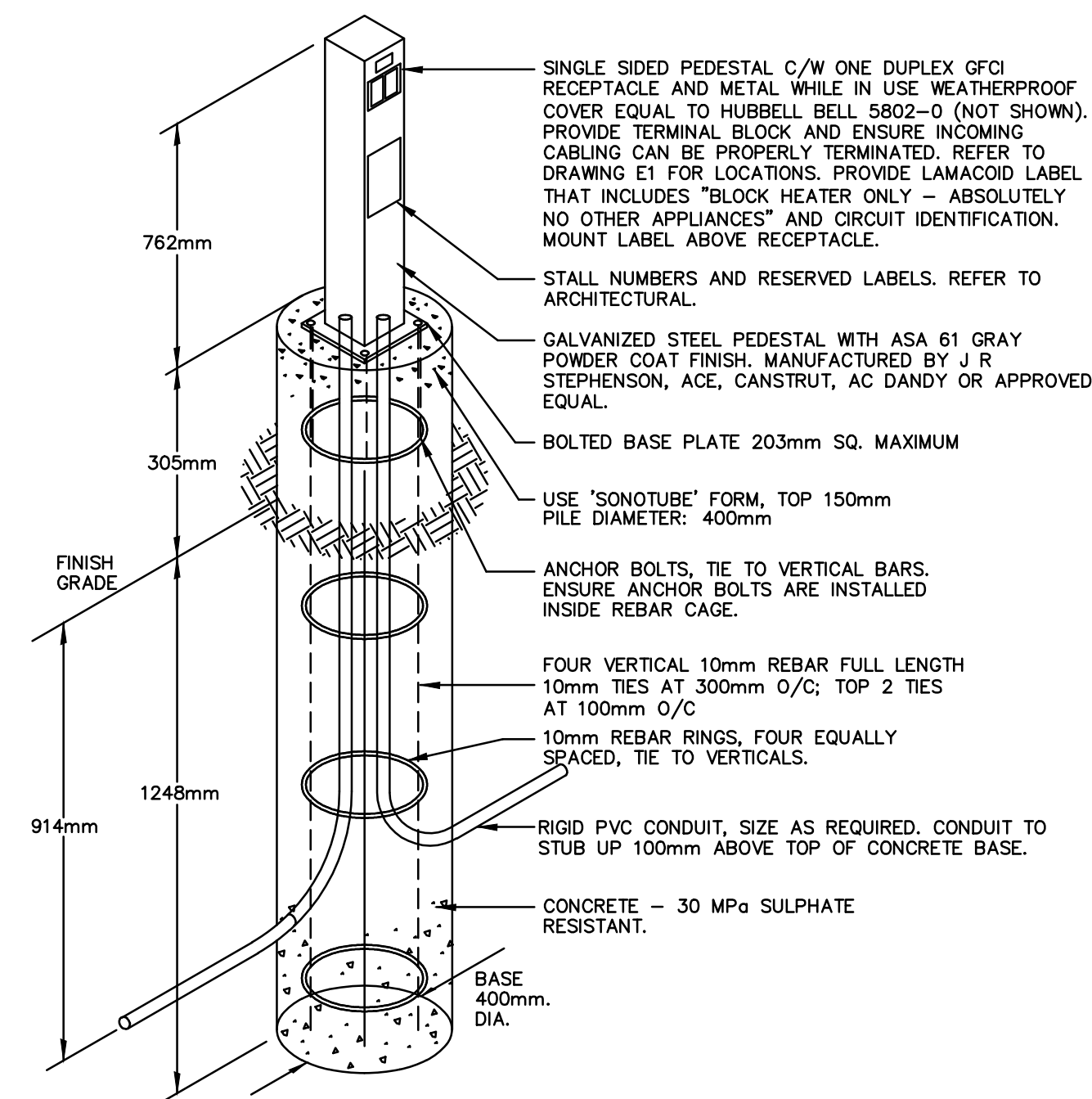
scale: as shown
date: DECEMBER 12, 2017
project no. 2017071
sheet no. **A1.1**



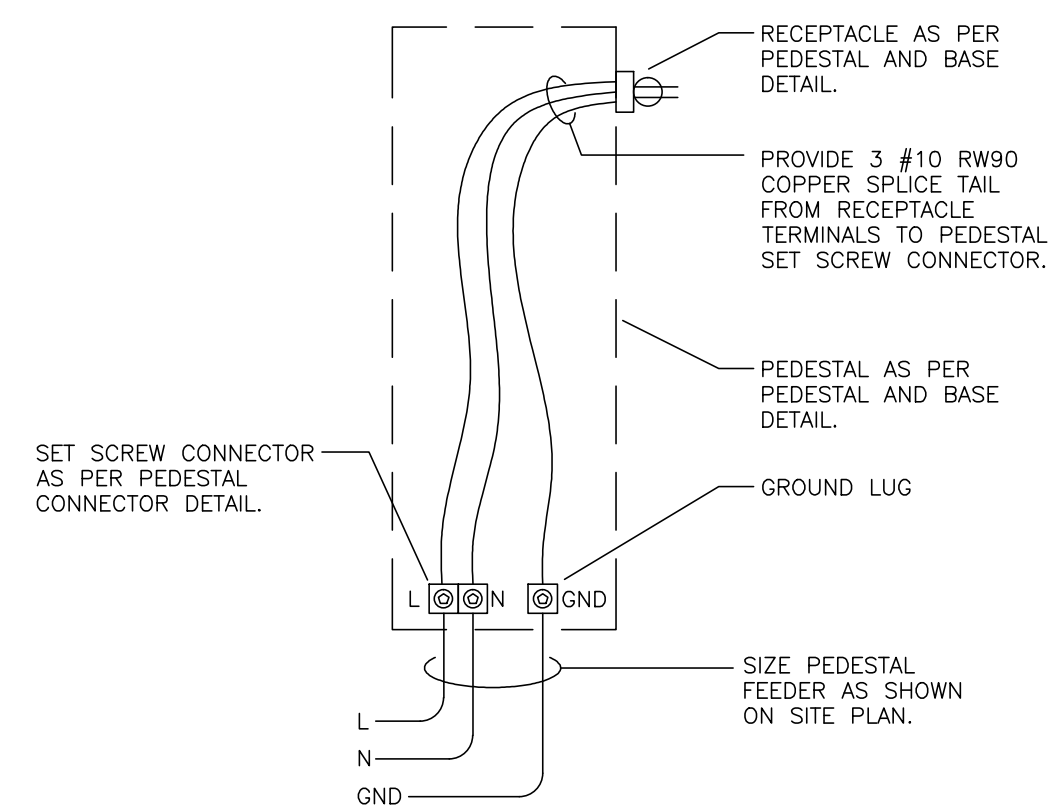
- ## GENERAL NOTES
1. CONTRACTOR RESPONSIBLE TO IDENTIFY EXISTING UNDERGROUND CABLES AND UTILITIES THAT MAY CONFLICT INSTALLATION. FOR AN APPROXIMATE LOCATION OF UNDERGROUND SERVICES REFER TO OWNER SUPPLIED DRAWINGS: 8-4, 10-4, 14-4, AND 15-4 (PROJECT NO. R.069578.001).
 2. CABLE SIZES INDICATED ON DRAWINGS ARE MINIMUM SIZES. CONTRACTOR TO CONFIRM ACTUAL CABLE LENGTHS ON SITE AND CONFIRM VOLTAGE DROP WITH CONSULTANT.

KEYNOTES

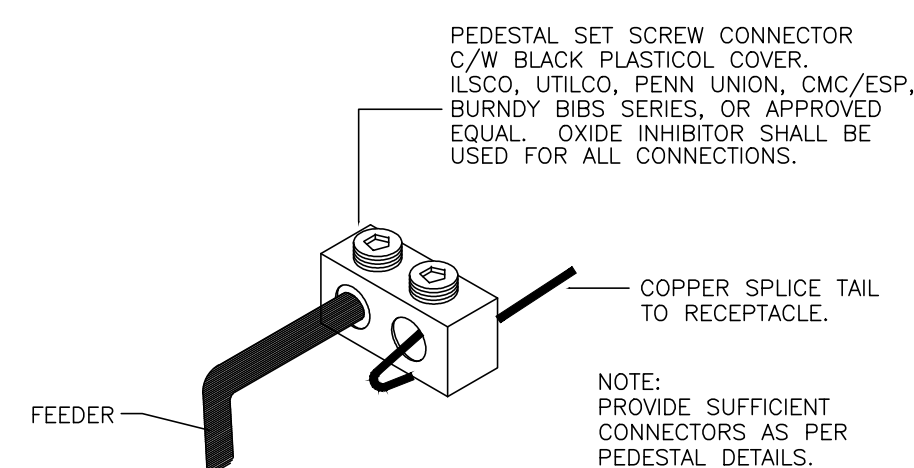
- ① EXISTING ENCLOSURE FOR PANEL C, PANEL D, AND PARKING LOT CONTROLLER.
- ② NEW PAD MOUNTED WEATHERPROOF ENCLOSURE FOR NEW PANEL B, NEW PAPER E, AND NEW CAR PARKING CONTROLLER. REFER TO PAD MOUNTED ENCLOSURE DETAIL.
- ③ PROVIDE #8AWG TC TECK90 + #10AWG INTEGRAL BOND TO EACH PEDESTAL 915mm BELOW GRADE. CIRCUIT NUMBERS AS SHOWN.
- ④ PROVIDE #6AWG TC TECK90 + #8AWG INTEGRAL BOND TO EACH PEDESTAL 915mm BELOW GRADE. CIRCUIT NUMBERS AS SHOWN.
- ⑤ DIVISION BETWEEN LANDSCAPED AREA AND ASPHALT PAVING SURFACE. ALL UNDERGROUND CABLE INSTALLED UNDER ASPHALT PAVING SURFACES SHALL BE INSTALLED VIA DIRECT BORE UNDERGROUND. CABLE INSTALLED UNDER LANDSCAPED AREA CAN BE INSTALLED VIA TRENCH OR DIRECT BORE.



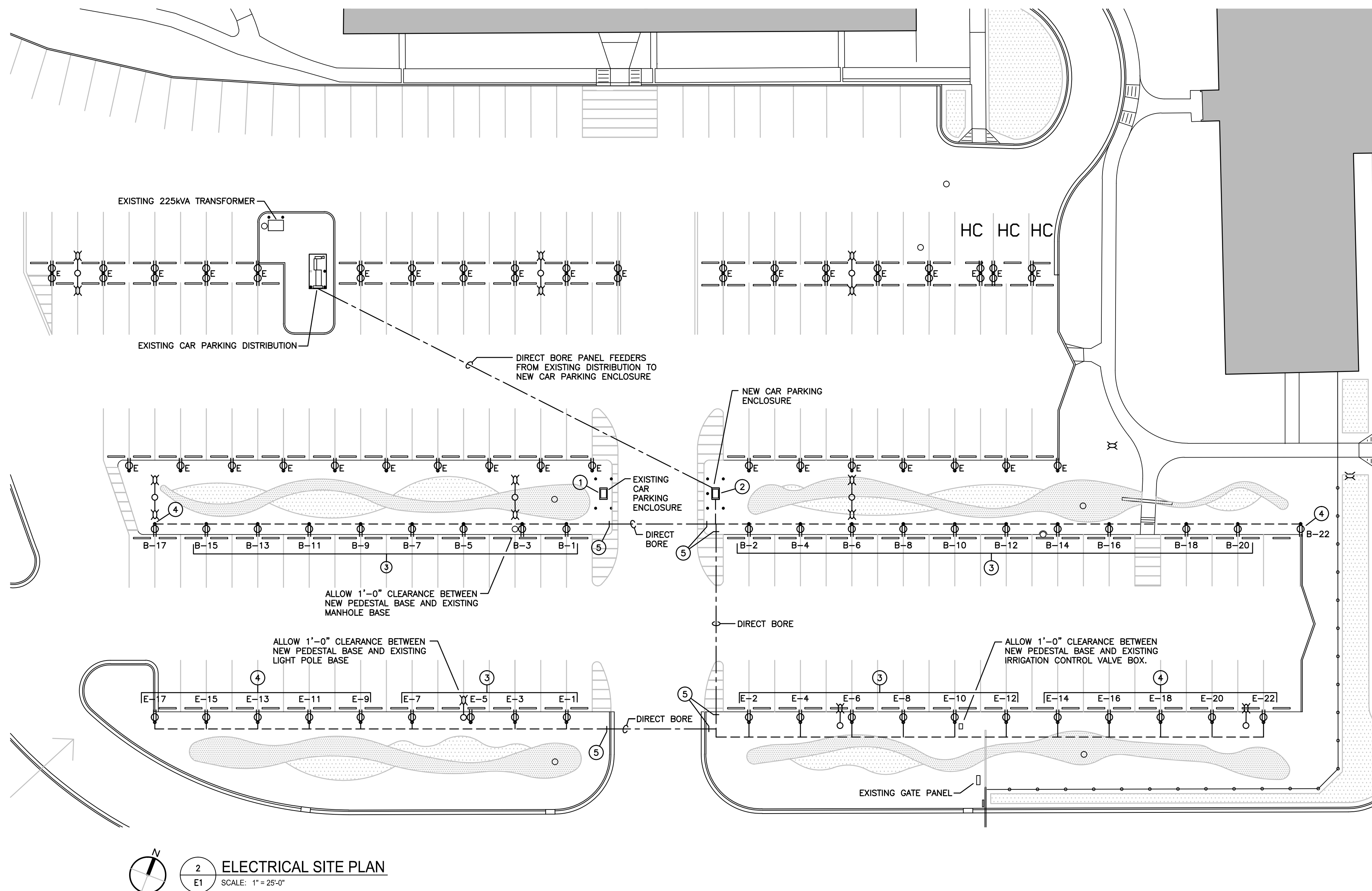
3 PARKING PEDESTAL AND BASE DETAIL
E1 SCALE: N.T.S.



4 PARKING PEDESTAL WIRING DETAIL



5 PEDESTAL CONNECTOR DETAIL
E1 SCALE: N.T.S.



  **ELECTRICAL SITE PLAN**
SCALE: 1" = 25'-0"

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ASSOCIATION OF PROFESSIONAL ENGINEERS
OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
RITENBURG & ASSOCIATES LTD.

NUMBER 52

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architecture ■ interior design ■ planning

GOVERNMENT OF CANADA
DRILL HALL PARKING LOT
ELECTRICAL UPGRADES

project

ELECTRICAL SITE PLAN

sheet title

consultant

deal

drawn by: KMS

checked by: KAD

project no. 2017071

scale: as shown

date: DECEMBER 1, 2017

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sheet no. E1

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