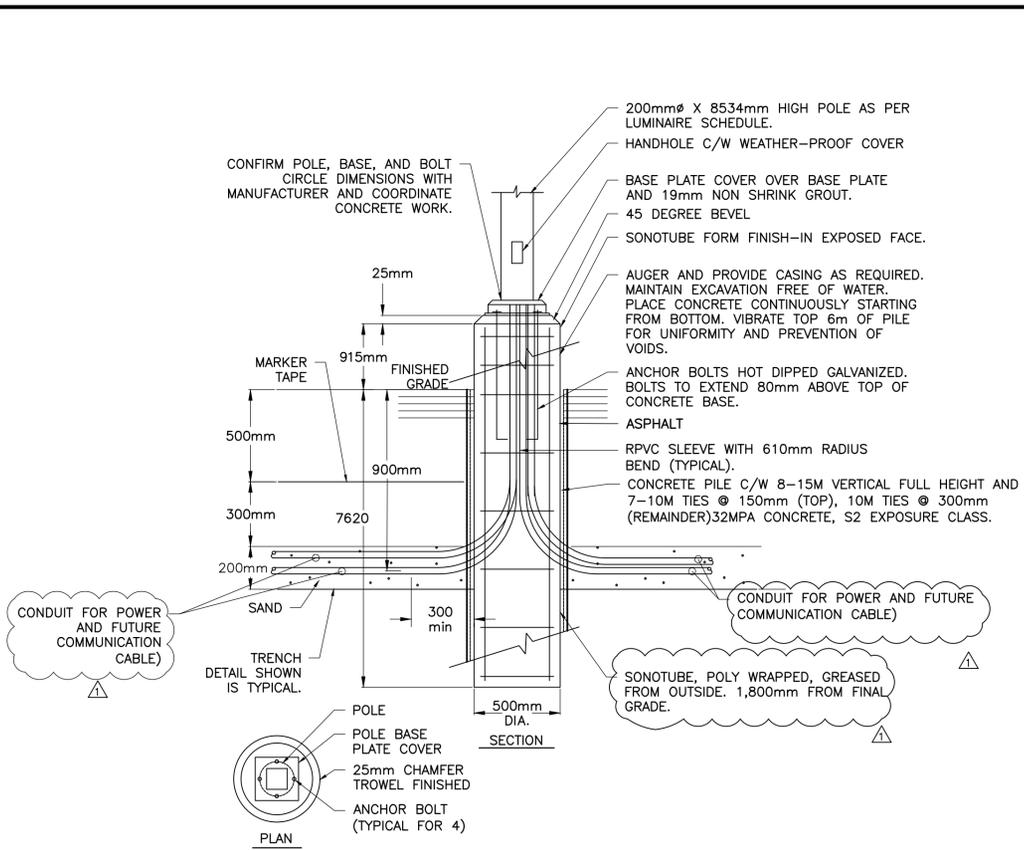
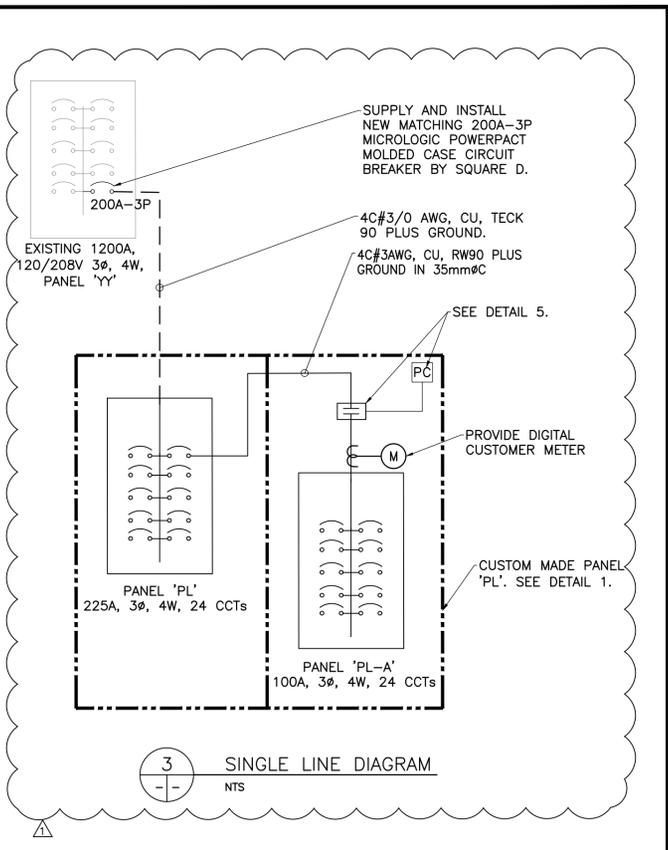


1 TYPICAL PARKING LOT PANEL ENCLOSURE DETAIL
NTS



2 LUMINAIRE POLE BASE DETAIL
NTS

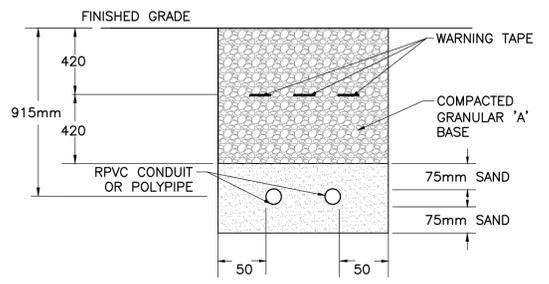


3 SINGLE LINE DIAGRAM
NTS

PANEL NAME: PANEL 'PL'		MAIN BREAKER: MLO		BUSS: 225A		SIZE OF FEEDER AND CONDUIT: 4C#3/0 AWG, CU, TECK 90 PLUS GROUND.	
VOLTAGE: 120/208 V		PHASE : THREE		INT. CAPACITY: 22 KAIC			
DESCRIPTION	BKR	VA	CCT	VA	CCT	BKR	DESCRIPTION
NEW LIGHTING	15A-1P	1	A	2			
NEW LIGHTING	15A-1P	3	B	4		100A-3P	PANEL 'PL-A'
NEW LIGHTING	15A-1P	5	C	6			
SPARE	15A-1P	7	A	8		15A-1P	LIGHTING CONTACTOR
SPARE	15A-1P	9	B	10		30A-2P	EXISTING CIRCUIT (NOTE 2)
SPARE	15A-1P	11	C	12		30A-2P	EXISTING CIRCUIT (NOTE 2)
	15A-1P	13	A	14			
	15A-1P	15	B	16			
	15A-1P	17	C	18		15A-1P	
	15A-1P	19	A	20		15A-1P	
	15A-1P	21	B	22		15A-1P	
	15A-1P	23	C	24			

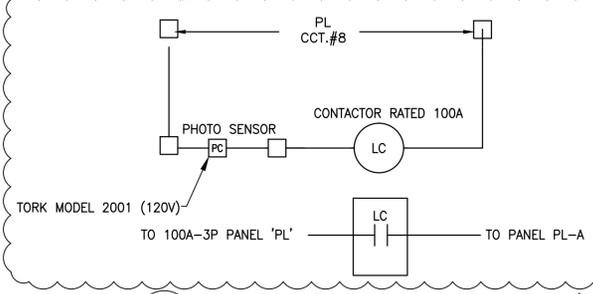
PANEL NAME: PANEL 'PL-A'		MAIN BREAKER: MLO		BUSS: 100A		SIZE OF FEEDER AND CONDUIT: 4C#3AWG, CU, RW90 PLUS GROUND IN 35mmØC.	
VOLTAGE: 120/208 V		PHASE : THREE		INT. CAPACITY: 22 KAIC			
DESCRIPTION	BKR	VA	CCT	VA	CCT	BKR	DESCRIPTION
EXISTING LIGHTING (NOTE1)	15A-1P	1	A	2		15A-1P	EXISTING LIGHTING (NOTE1)
EXISTING LIGHTING (NOTE1)	15A-1P	3	B	4		15A-1P	EXISTING LIGHTING (NOTE1)
EXISTING LIGHTING (NOTE1)	15A-1P	5	C	6		15A-1P	EXISTING LIGHTING (NOTE1)
EXISTING LIGHTING (NOTE1)	15A-1P	7	A	8		15A-1P	EXISTING LIGHTING (NOTE1)
EXISTING LIGHTING (NOTE1)	15A-1P	9	B	10		15A-1P	EXISTING LIGHTING (NOTE1)
SPACE		11	C	12			SPACE
SPACE		13	A	14			SPACE
SPACE		15	B	16			SPACE
SPACE		17	C	18			SPACE
SPACE		19	A	20			SPACE
SPACE		21	B	22			SPACE
SPACE		23	C	24			SPACE

NOTE:
1. EXISTING LIGHTING CIRCUITS RELOCATED FROM PANEL 'PE' TYPICAL.
2. RELOCATED FROM PANEL 'PE' TYPICAL. SPLICE UNDERGROUND WEATHERPROOF AND NEW CONDUIT TO PANEL 'PL'.

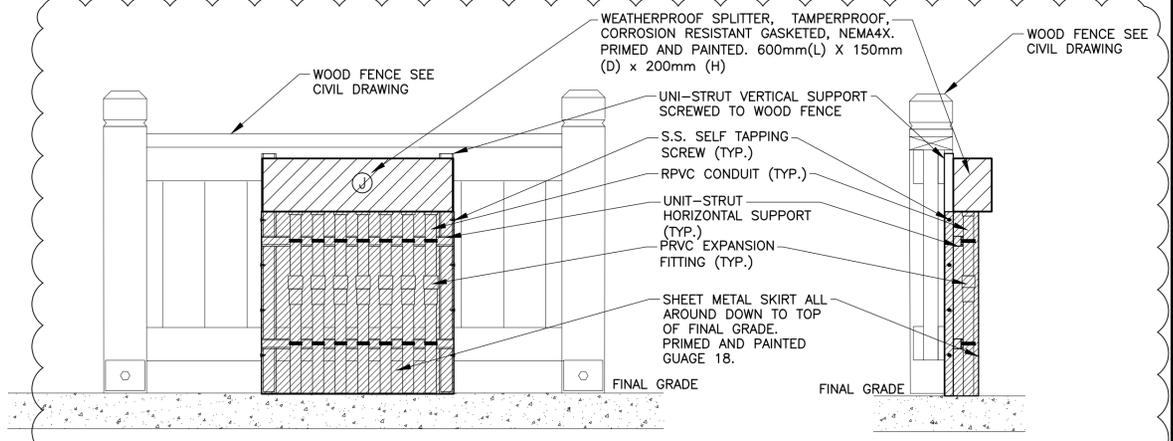


NOTES:
1. COMPACT GRANULAR A-BASE BACKFILL IN APPROXIMATELY 150mm LAYERS TO 100% SPD. BACKFILL LAYER MATERIAL NOT TO CONTAIN LARGE ROCKS, SHARP OBJECTS, OR DELETERIOUS SUBSTANCES.
2. WOOD PLANKING SHALL BE PRESSURE TREATED LUMBER, TYPICAL.
3. SAND SHALL BE MAX 6mm SCREENED SAND.

4 TRENCHING DETAIL (TYP.)
NTS



5 TYPICAL CONTROL SCHEMATIC
NTS



6 COMMUNICATION BOX MOUNTING DETAIL (TYPICAL)
NTS

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PROFILE	NEW
	PHOTO CELL	PC						
	CONTACTOR COIL	LC						
	CONTACTOR RELAY	CR						
	CUSTOMER METER	M						
	CHECK METERING							
	CIRCUIT BREAKER	CB						

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPV. U/G STRUCTURES COMMITTEE DATE
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR CONSTRUCTION	15/06/15	HP
0	ISSUED FOR TENDER	15/05/27	HP
-	----	YY/MM/DD	-

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WWW.WSPGROUP.COM

DESIGNED BY: HK
CHECKED BY: DG
DRAWN BY: HK
APPROVED BY: HP
HOR. SCALE: 1:250 (A1)
VERT. SCALE:
DATE: MAY 2015

ENGINEER'S SEAL
ORIGINAL DRAWING SEALED by M.M. HOQUE and DATED May 27, 2015
SEAL APPLIES TO FOUNDATION DESIGN ONLY

APEGM
Certificate of Authorization
WSP Canada Inc.
No. 5750 Date: 2015-05-27

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEER'S SEAL
ORIGINAL DRAWING SEALED by H.N. PROCYSHYN and DATED May 27, 2015
CONSULTANT DRAWING NO. 121-24877-E02

THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT

PAN AM POOL INDOOR POOL
PARKING LOT REDEVELOPMENT-PHASE 1
TYPICAL ELECTRICAL DETAILS

CITY DRAWING NO. 432-2015-E02
SHEET 9 OF 9
REV. E02 1