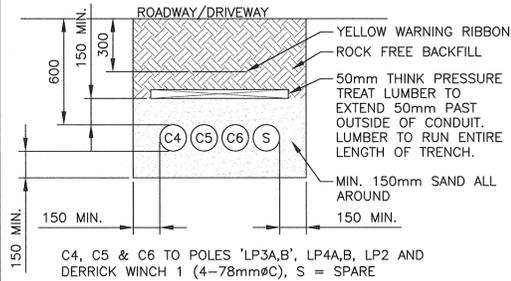
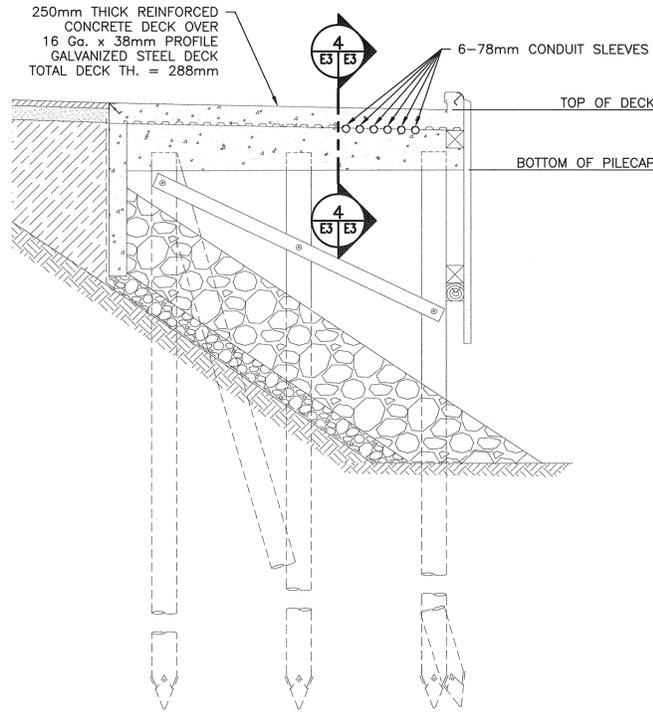


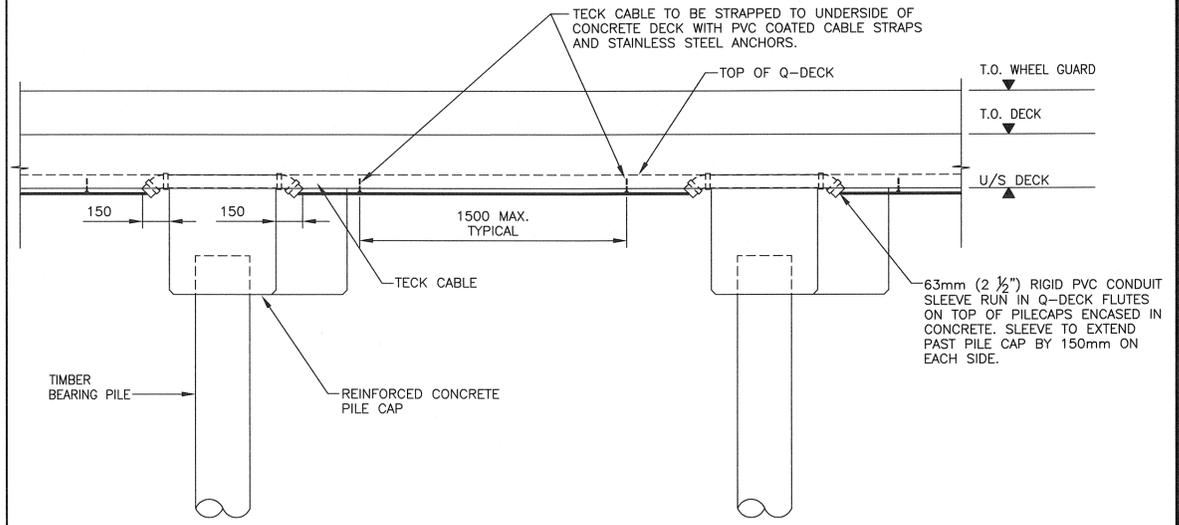
TRENCH DETAIL 1
SCALE : N.T.S.



TRENCH DETAIL 2
SCALE : N.T.S.



NEW WHARF SECTION FOR ELECTRICAL CONDUIT 3



ELEVATION - CONDUIT SLEEVE AND TECK CABLE INSTALLATION 4
SCALE : N.T.S.

NOTE:
1. ALL DIMENSIONS ARE IN MILLIMETERS.



EXISTING PARAMETERS:
HOLOPHANE MONGOOSE G250HP12LNRVZCC 250W HPS, MOUNTED AT 9.15M
LIGHT LEVELS: 34.55 LUX AT DOCK, 20.91 LUX IN GRAVEL AREA

NEW TARGET: 20-25 LUX, AVG/MIN 3.0 OR LESS

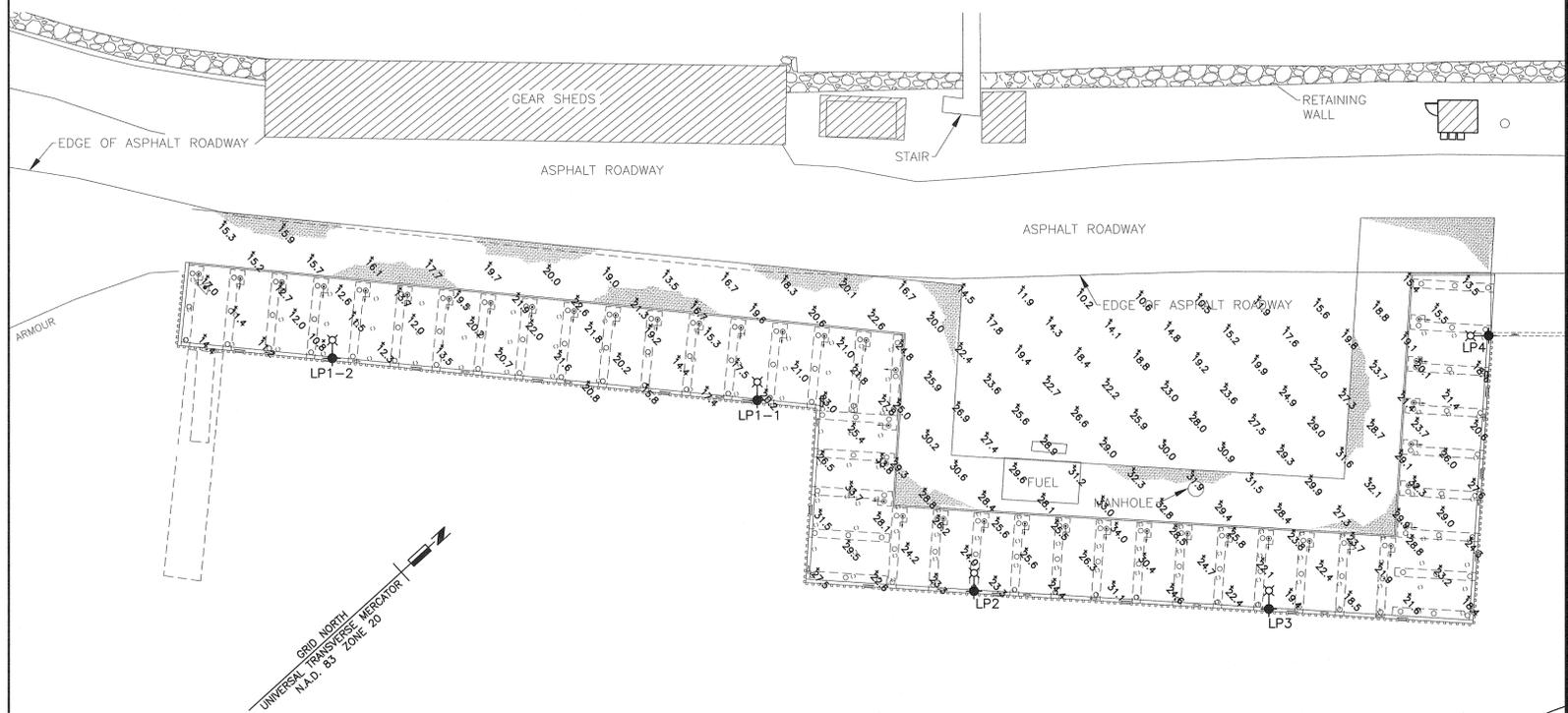
NEW LUMINAIRES:
HOLOPHANE MONGOOSE LED, MGLED-4-4-5K-AX-A-L-H-G (TYPE 3 MEDIUM ROADWAY) C/W 900mm ALUMINIUM ARM (1800mm FOR 2 UNITS), MOUNTED AT 9500mm

ARMS:
HAPCO ALUMINIUM ARM, CAT# 81-001 (900mm)
HAPCO ALUMINIUM ARM, CAT# 81-004 (1800mm)

LUMINAIRE SCHEDULE				
SYMBOL	QUANTITY	LABLE	ARRANGEMENT	ARM
—X	3	MGLED_LED_4_4_5K_AX_M_L_X_X	SINGLE	0.9
—X	2	MGLED_LED_4_4_5K_AX_M_L_X_X_1	SINGLE	1.8

LUMINAIRE LOCATION SUMMARY				
LUMINAIRE NO.	LABLE	Z	ORIENT	TILT
LP4	MGLED_LED_4_4_5K_AX_M_L_X_X	9.5m	225.642	0
LP3	MGLED_LED_4_4_5K_AX_M_L_X_X_1	9.5m	133.961	0
LP2	MGLED_LED_4_4_5K_AX_M_L_X_X_1	9.5m	132.809	0
LP1-1	MGLED_LED_4_4_5K_AX_M_L_X_X	9.5m	133.025	0
LP1-2	MGLED_LED_4_4_5K_AX_M_L_X_X	9.5m	132.217	0

CALCULATION SUMMARY							
LABEL	CALCULATION TYPE	UNITS	AVERAGE	MAXIMUM	MINIMUM	AVERAGE MINIMUM	MAXIMUM MINIMUM
DOCK TOP	ILLUMINANCE	LUX	22.40	34.0	10.8	2.07	3.15
DRIVEWAY TOP	ILLUMINANCE	LUX	22.23	33.0	10.2	2.18	3.24



LIGHTING DESIGN 5
SCALE: 1:250

0	ISSUED FOR TENDER	JUN 23 2017
revisions		date

project
WHARF RECONSTRUCTION
MARGAREE HARBOUR
INVERNESS COUNTY
NOVA SCOTIA

drawing
ELECTRICAL TRENCH DETAILS AND CONCEPTUAL LIGHTING DESIGN

designed	M.NAIDU	conçu
date	JUN. 2017	
drawn	M.KAMPHUIS	dessiné
date	JUN. 2017	
approved	M.NAIDU	approuvé
date	JUN. 2017	
Tender		Submission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number		no. du projet
	R.082860.001	
drawing no.		no. du dessin
	E3 of 6	