

PANEL DPA

PANEL SCHEDULE

TYPE 42 CIRCUIT SURFACE CABINET - TOP ENTRY

RATING 120/240V, 1PH., 3W., 600 AMP

STANDARD OF ACCEPTANCE EATON POW-R-LINE 3a

MINIMUM INTERRUPTING CAPACITY 10000 R.M.S. SYMM AMPERES

NOTES PROVIDE LUGS AS REQUIRED TO ACCOMMODATE 600 MCM CABLES

CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR. SIZE	CIRCUIT NO.	BRKR. SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION	
PANEL A	600 MCM	400	1	2	400	600 MCM	600 MCM	PANEL B	
			3	4					
			3	5	6				
			7	8					
			9	10					
			11	12					
			13	14					
			15	16					
			17	18					
			19	20					
			21	22					
			23	24					
			25	26					
			27	28					
			29	30					
			31	32					
			33	34					
			35	36					
			37	38					
			39	40					
			41	42					

1. PROVIDE TYPE WRITTEN DIRECTORY.

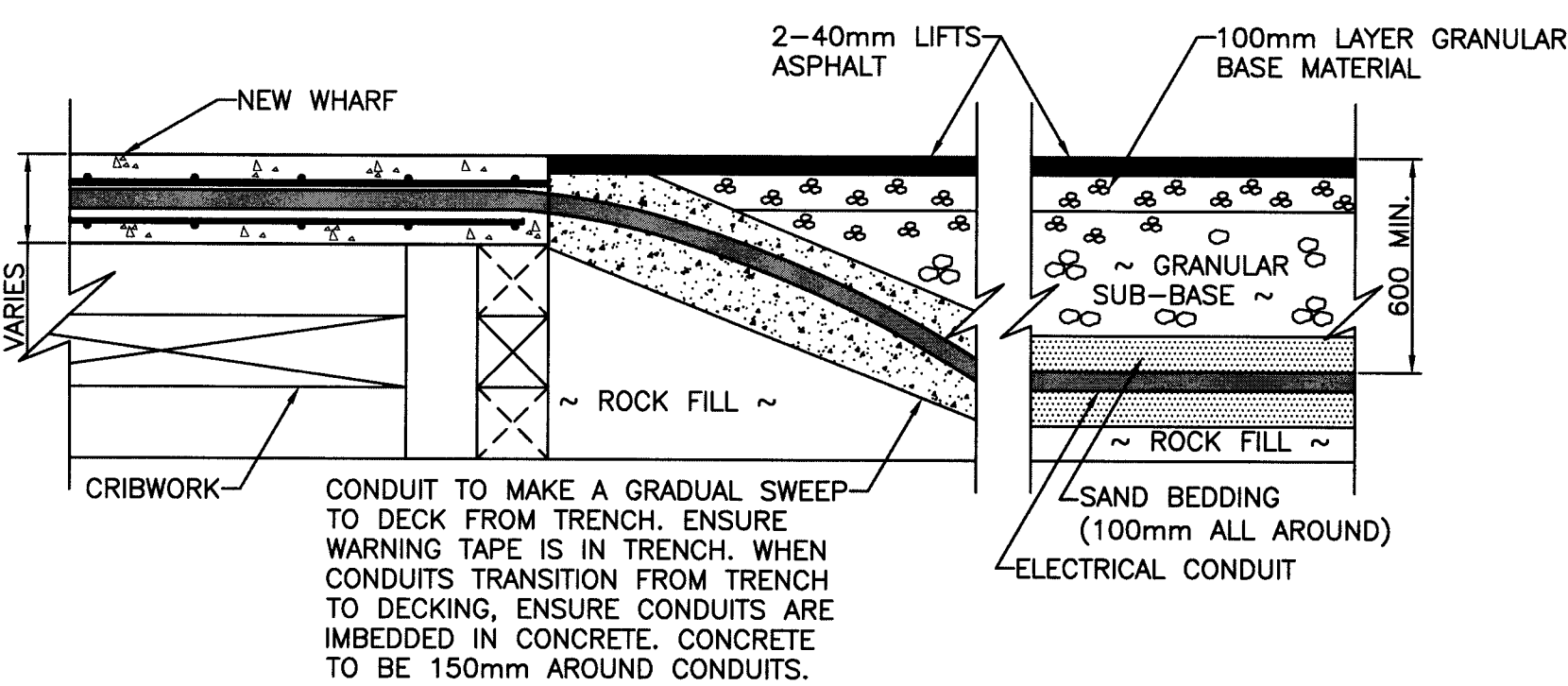
PANELBOARDS TO BE C/W GROUNDED NEUTRAL, GROUND AND NEUTRAL BLOCKS, BOLT-ON TYPE BREAKERS WITH AN I.C. RATING AS INDICATED, RMS SYMMETRICAL AT PANEL VOLTAGE. PROVIDE LAMICOID NAMEPLATE STATING PANEL DESIGNATION, VOLTAGE, PHASE AND AMPERAGE, TYPE WRITTEN DIRECTORY, DRIP SHIELD AND LOCKING DOOR. ALL PANELS TO BE KEYPED ALIKE. INSTALLATION TO BE RATED FOR SURFACE MOUNTED APPLICATIONS. WALL MOUNT ON 19mm THICK PLYWOOD BACKBOARD. PAINT PLYWOOD LIGHT GRAY.

PANEL SCHEDULE									
PANEL A									
TYPE 42 CIRCUIT SURFACE CABINET - TOP ENTRY									
RATING 120/240V, 1PH., 3W., 400 AMP CAPABLE OF ACCEPTING 600 MCM CABLE. PROVIDE LUGS AS REQUIRED									
STANDARD OF ACCEPTANCE EATON POW-R-LINE 1a									
MINIMUM INTERRUPTING CAPACITY 10000 R.M.S. SYMM AMPERES									
NOTES PROVIDE LUGS AS REQUIRED TO ACCOMMODATE 600 MCM CABLES									
CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR. SIZE	CIRCUIT NO.	BRKR. SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION	
PEDESTAL #6 REC #1 EXISTING 50A 120/240V	3	40	1	2	30	3	3	PEDESTAL #7 REC #5 EXISTING 30A 120/240V	
PEDESTAL #6 REC #2 EXISTING 30A 120V	4	30	5	6	30	3	3	PEDESTAL #7 REC #6 EXISTING 30A 120/240V	
PEDESTAL #6 REC #3 EXISTING 30A 120/240V	4	30	9	10	40	1	1	PEDESTAL #7 REC #7 EXISTING 50A 120/240V	
PEDESTAL #6 REC #4 EXISTING 30A 120/240V	4	30	13	14	40	1	1	PEDESTAL #7 REC #8 EXISTING 50A 120/240V	
PEDESTAL #6 REC #15 EXISTING 15A 120V	8	15	17	18	15	6	6	PEDESTAL #7 REC #17 EXISTING 15A 120V	
PEDESTAL #6 REC #16 EXISTING 15A 120V	8	15	19	20	15	6	6	PEDESTAL #7 REC #18 EXISTING 15A 120V	
PEDESTAL #8 REC #9 EXISTING 50A 120/240V	4	40	21	22	30	3	3	PEDESTAL #9 REC #12 EXISTING 30A 120V	
PEDESTAL #8 REC #10 EXISTING 30A 120V	6	30	25	26	30	3	3	PEDESTAL #9 REC #13 EXISTING 30A 120V	
PEDESTAL #8 REC #11 EXISTING 30A 120V	6	30	29	30	30	3	3	PEDESTAL #9 REC #14 EXISTING 30A 120V	
PEDESTAL #8 REC #19 EXISTING 15A 120V	8	15	33	34	15	6	6	PEDESTAL #9 REC #21 EXISTING 15A 120V	
PEDESTAL #8 REC #20 EXISTING 15A 120V	8	15	35	36	15	6	6	PEDESTAL #9 REC #22 EXISTING 15A 120V	
LIGHTS 7,8,9,10	12	15	37	38	15	12	12	SHED LIGHTS	
			39	40	15	12	12	SHED RECEPTACLES	
			41	42					
1. PROVIDE TYPE WRITTEN DIRECTORY.									

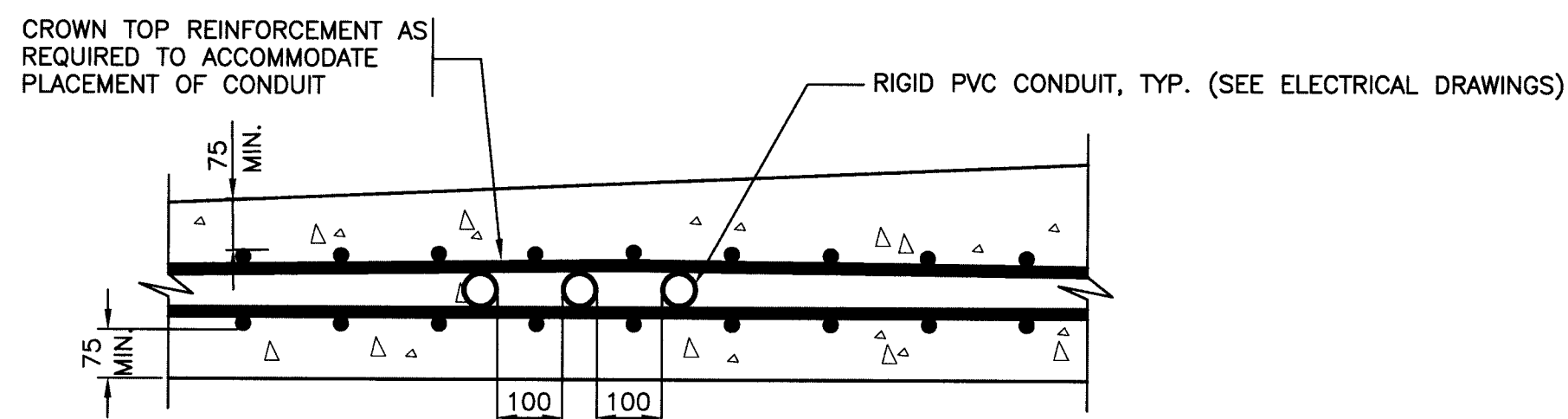
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PANEL SCHEDULE									
PANEL B									
TYPE 42 CIRCUIT SURFACE CABINET - TOP ENTRY									
RATING 120/240V, 1PH., 3W., 400 AMP CAPABLE OF ACCEPTING 600 MCM CABLE. PROVIDE LUGS AS REQUIRED									
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MINIMUM INTERRUPTING CAPACITY 10000 R.M.S. SYMM AMPERES									
NOTES PROVIDE LUGS AS REQUIRED TO ACCOMMODATE 600 MCM CABLES									
CIRCUIT DESCRIPTION	LOAD WATTS	WIRE SIZE	BRKR. SIZE	CIRCUIT NO.	BRKR. SIZE	WIRE SIZE	LOAD WATTS	CIRCUIT DESCRIPTION	
PEDESTAL #10 REC #23	5760	6	30	1	2	50	1	9600	PEDESTAL #11 REC #27
PEDESTAL #10 REC #24	5760	6	30	2	3	4	2	5760	PEDESTAL #11 REC #28
PEDESTAL #10 REC #25	2880	6	30	9	10	30	3	5760	PEDESTAL #11 REC #29
PEDESTAL #10 REC #26	1440	10	15	11	12	2	3	2880	PEDESTAL #11 REC #30
PEDESTAL #12 REC #32	9600	1	50	13	14	30	3	2880	PEDESTAL #11 REC #31
PEDESTAL #12 REC #33	5760	3	30	17	18	50	1/0	9600	PEDESTAL #13 REC #37
PEDESTAL #12 REC #34	5760	3	30	21	22	30	2	5760	PEDESTAL #13 REC #38
PEDESTAL #12 REC #35	2880	3	30	25	26	30	2	5760	PEDESTAL #13 REC #39
PEDESTAL #12 REC #36	1440	6	15	27	28	2	2	2880	PEDESTAL #13 REC #40
PEDESTAL #14 REC #42	9600	1/0	50	29	30	30	2	2880	PEDESTAL #13 REC #41
PEDESTAL #14 REC #43	5760	2	30	33	34	15	12	900	LIGHTS 11 TO 16
PEDESTAL #14 REC #44	5760	2	30	37	38	2	12	500	METERING PANEL #1
PEDESTAL #14 REC #45	2880	2	30	41	42	2	12	500	METERING PANEL #2
PEDESTAL #14 REC #46	1440	4	15	43	44				
			45	46					
			47	48					
			49	50					
			51	52					
			53	54					
			55	56					
			57	58					
			59	60					
1. PROVIDE TYPE WRITTEN DIRECTORY.									

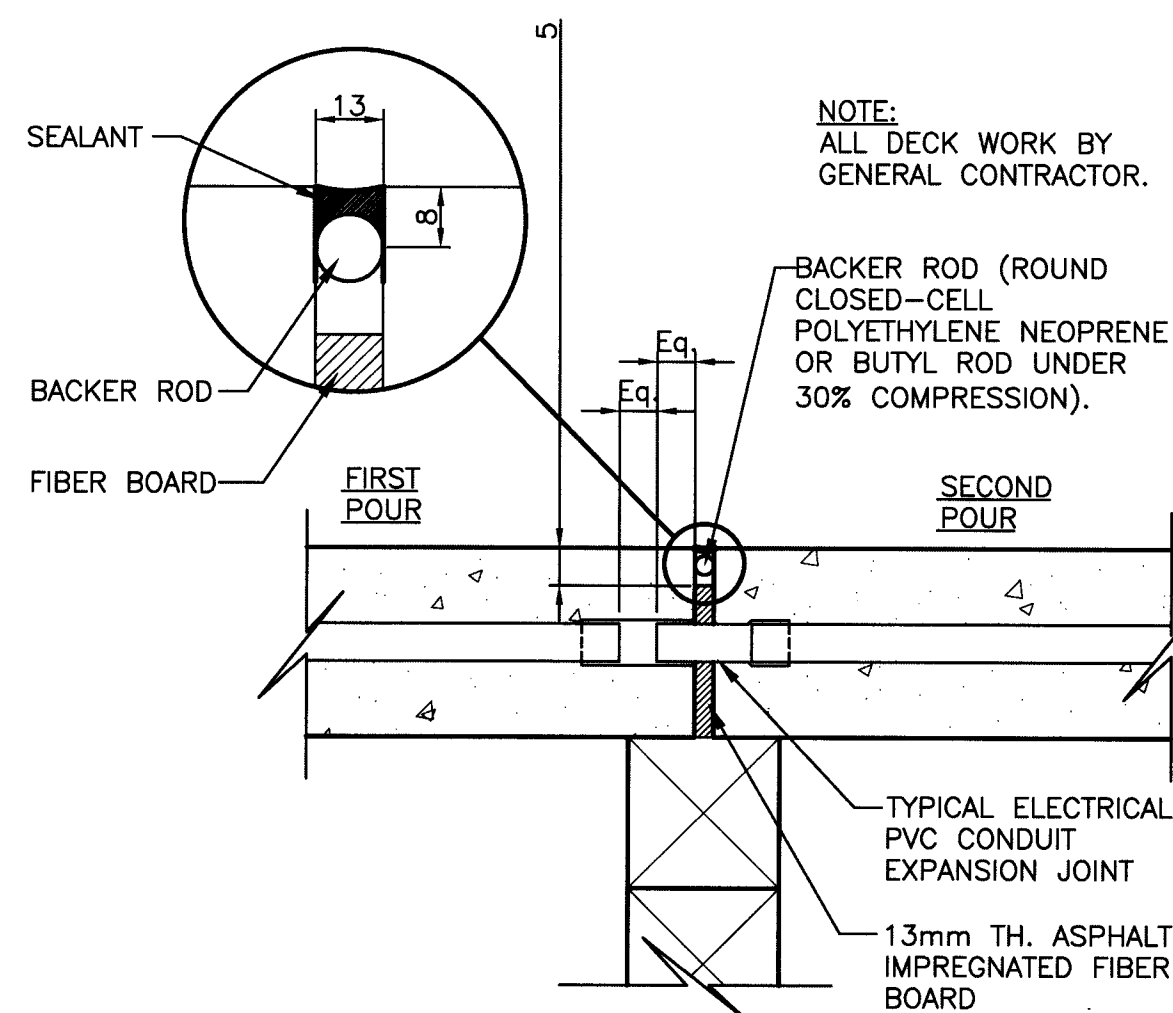
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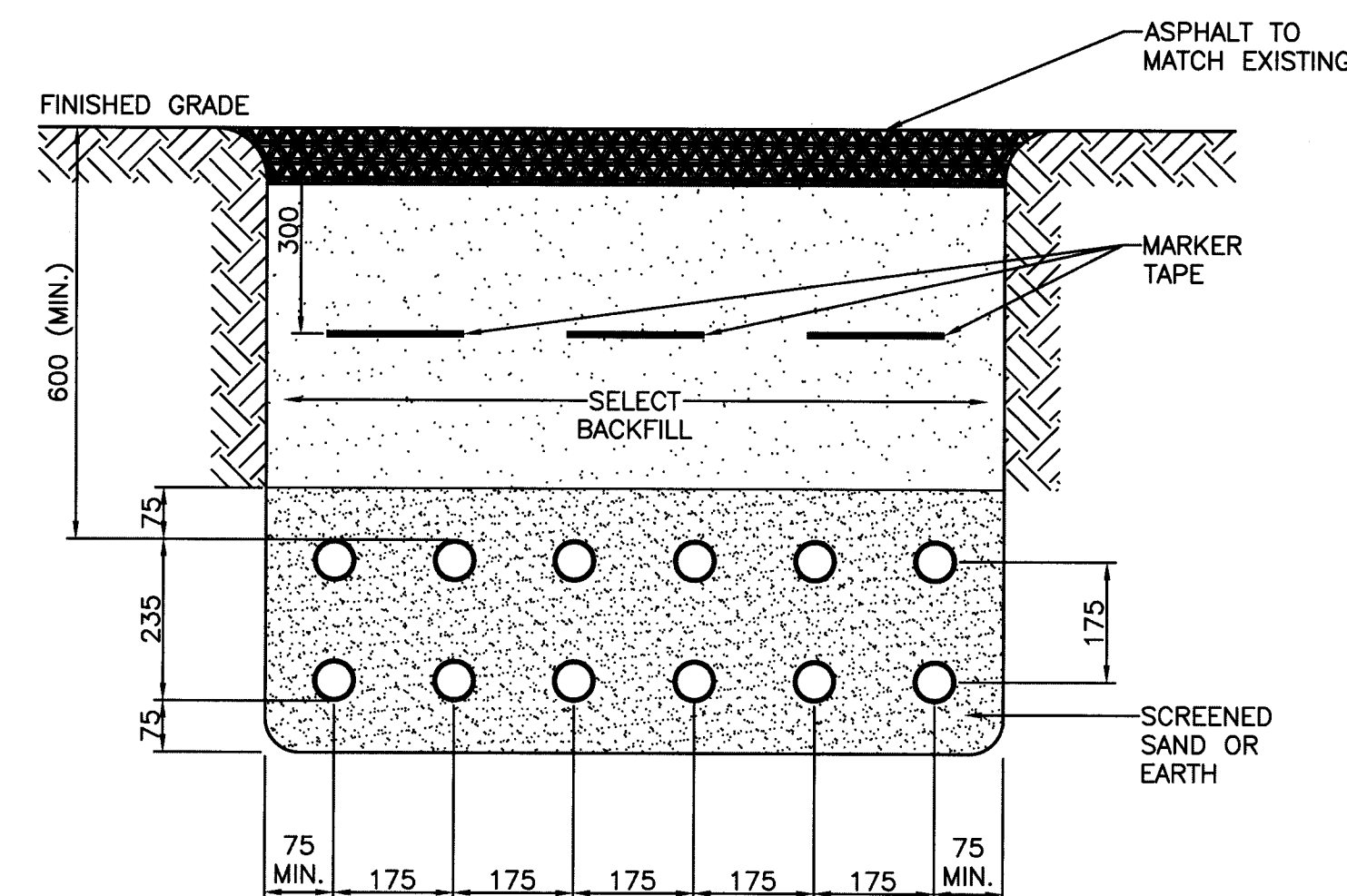
5 TYPICAL TRANSITION INTO DECKING
E3 N.T.S.



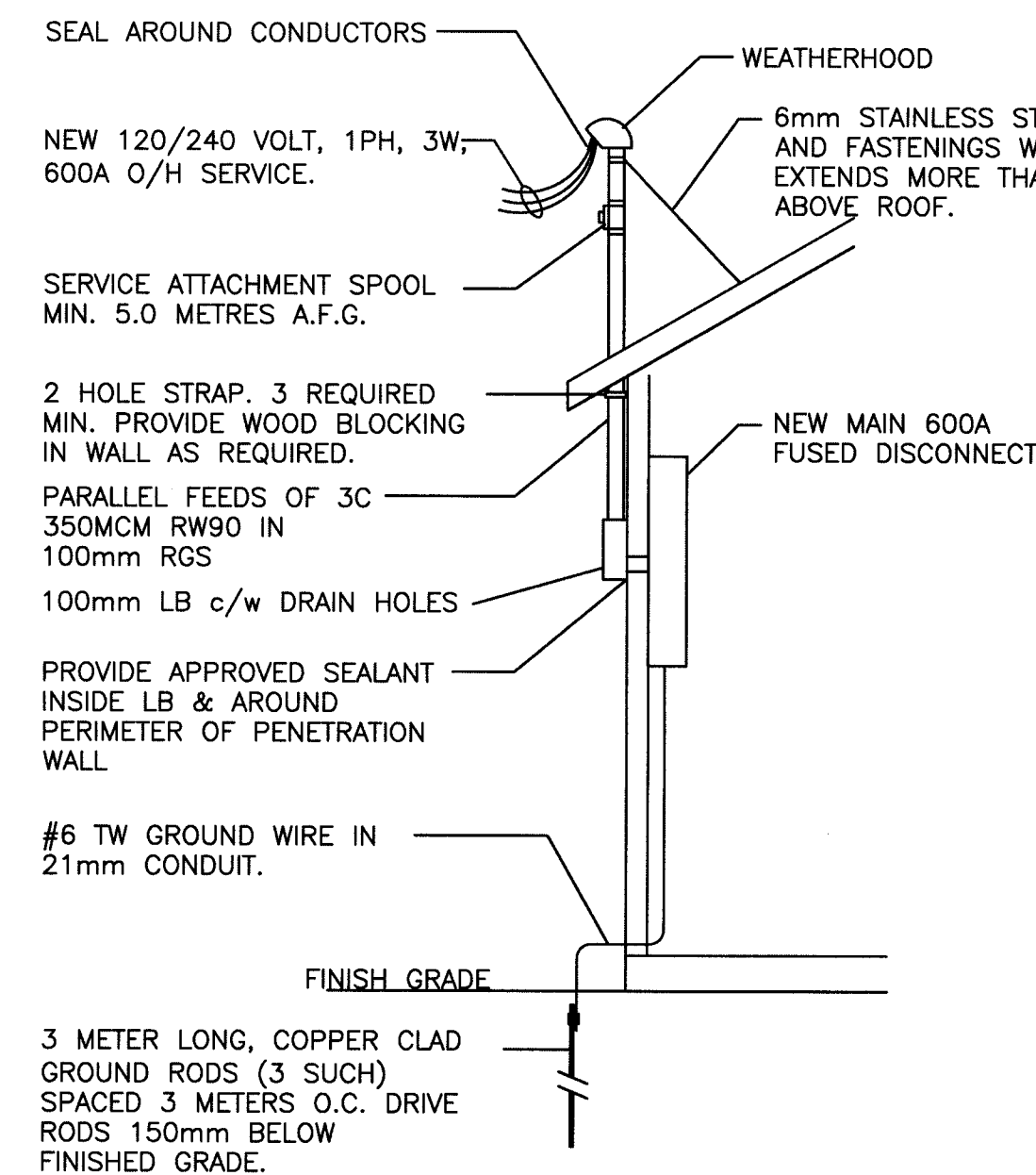
6 TYPICAL CONDUIT IN DECKING
E3 N.T.S.



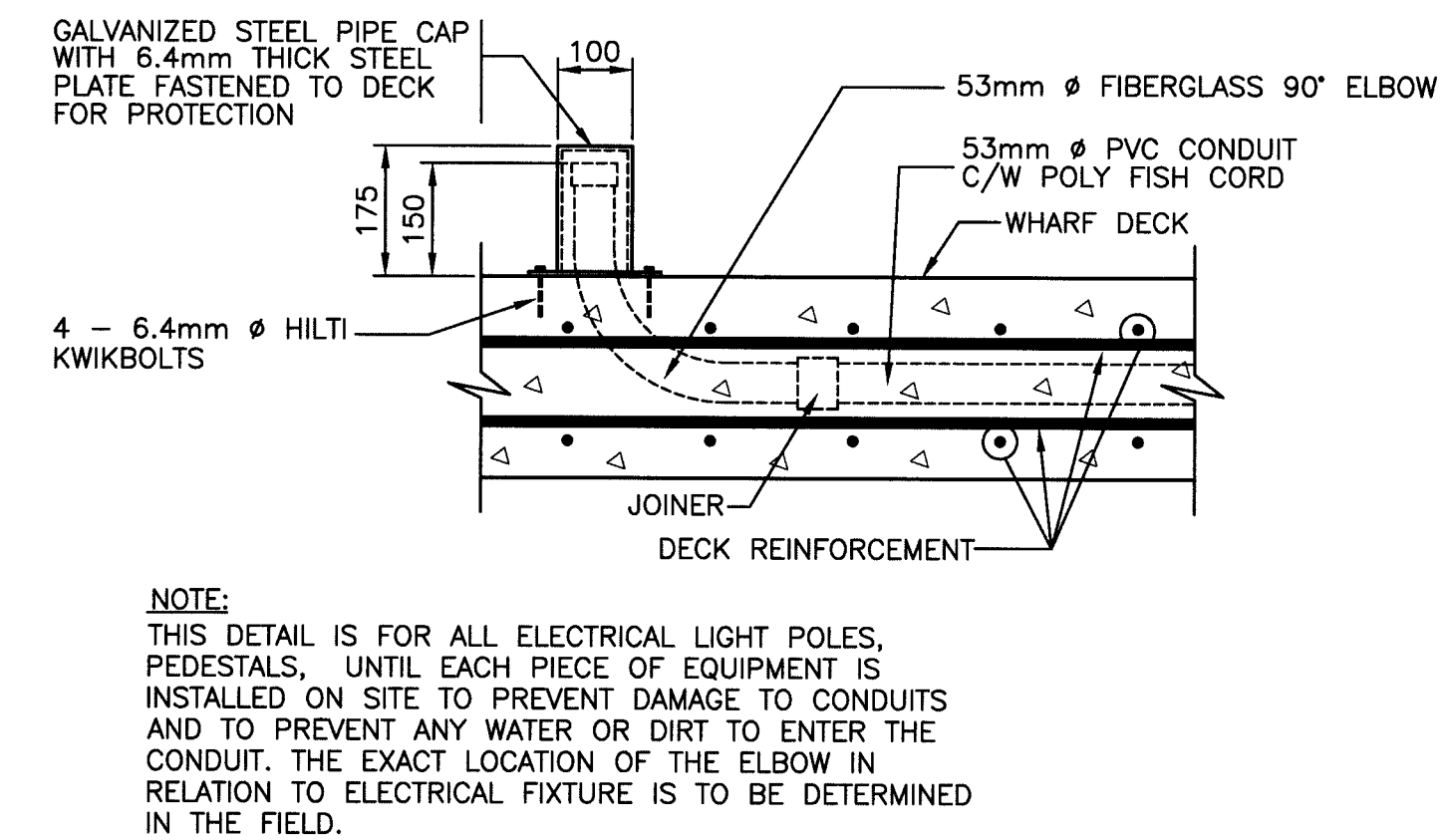
1 TYPICAL EXPANSION JOINT
E3 N.T.S.



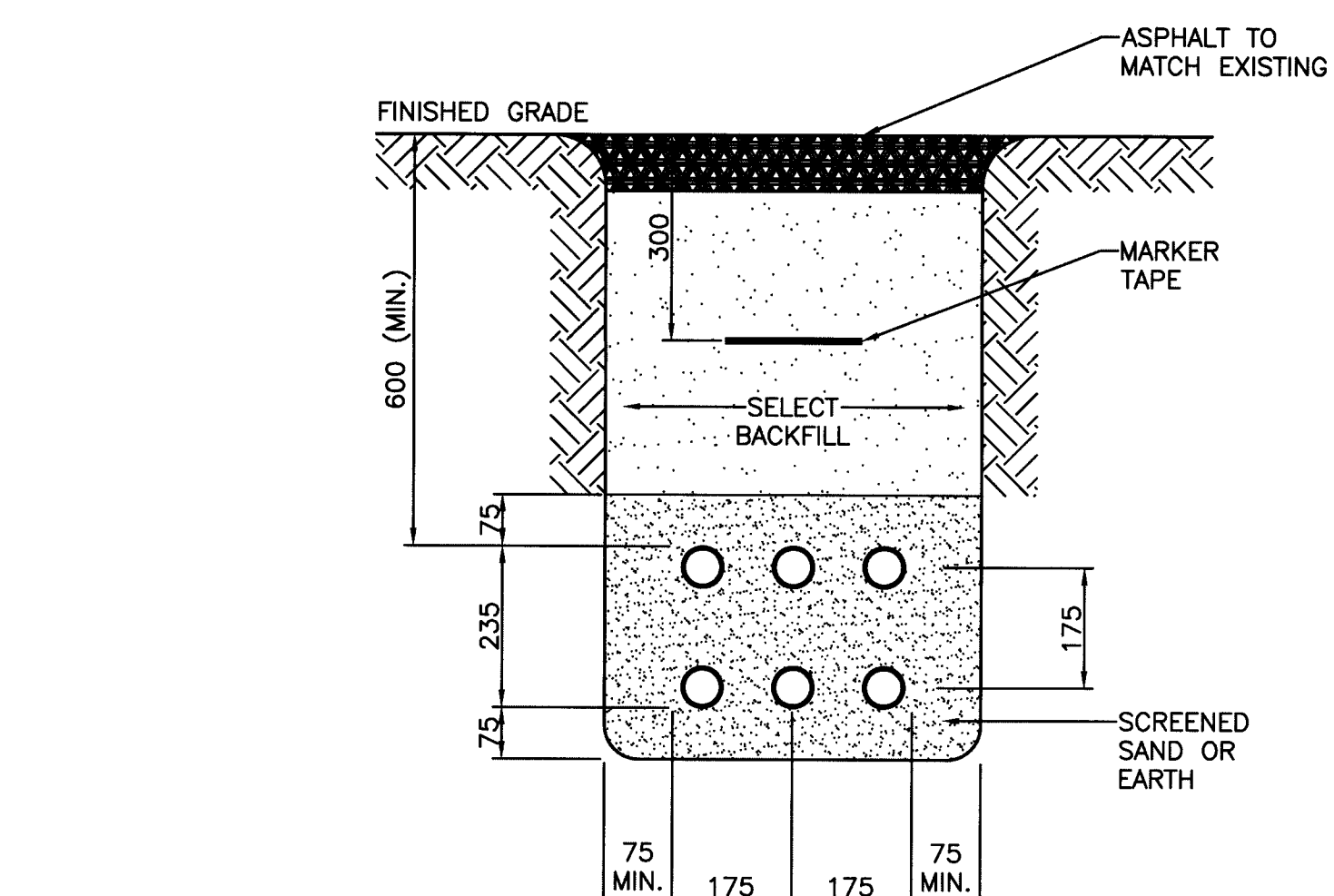
3 TRENCH DETAIL TO NEW MARGINAL AND FINGER PIER
E1E3 N.T.S.



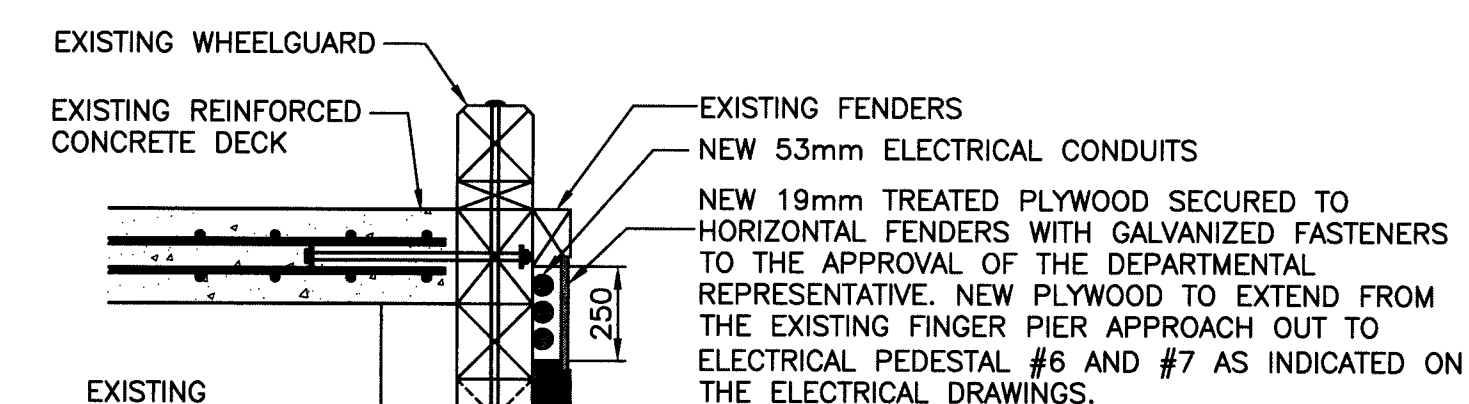
7 SERVICE ENTRANCE DETAIL
E3 N.T.S.



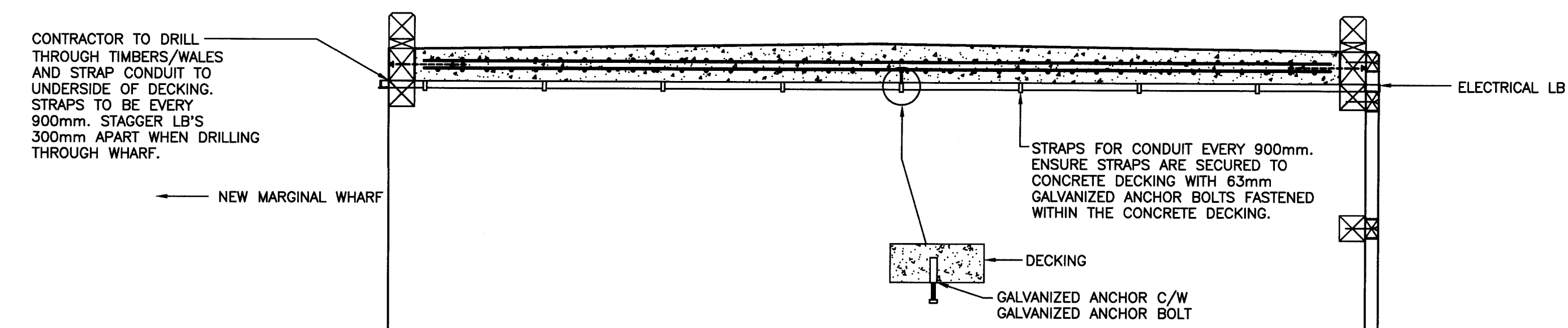
2 CONDUIT CAP
E3 N.T.S.



4 TRENCH DETAIL TO EXISTING FINGER PIER PEDESTALS AND NEW JUNCTION BOXES
E1E3 N.T.S.



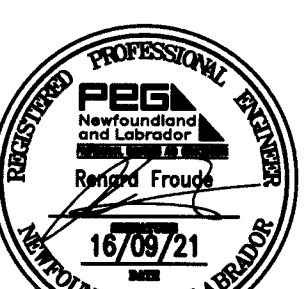
8 TYPICAL CONDUITS IN HORIZONTAL FENDERS
E1E3 N.T.S.



9 TYPICAL CONDUIT SUPPORT THROUGH DECKING SPAN
E3 N.T.S.



- NOTES:
1. ALL ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED.
 3. DO NOT SCALE FROM DRAWING, USE DIMENSIONS INDICATED.
 4. LIGHTING AND MOUNTING ARMS SUPPLIED BY DFO, CONTRACTOR TO PICK UP AT DFO WAREHOUSE, 121 GLENCOE DRIVE, MT. PEARL. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO PICK UP. CONTACT DION UPWARD AT 709-763-5689. ENSURE THAT CONTRACTOR PROVIDES THREE DAYS NOTICE PRIOR TO PICKUP TO ALLOW FOR COORDINATION.
 5. TRENCH DETAILS ARE FOR REPRESENTATION ONLY. CONTRACTOR TO ENSURE CONDUITS ARE PLACED TO AVOID ANY CROSSING OF CONDUITS IN TRENCH.



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
MADERRA ENGINEERING
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG 10263
which is valid for the year 2018
by Permit Holder (MIRC No.) 02824

D	ISSUED FOR TENDER	16/08/21
C	ISSUED FOR 99% REVIEW	16/08/13
B	ISSUED FOR 66% REVIEW	16/08/06
A	ISSUED FOR 33% REVIEW	16/06/17

revisions project

WHARF
CONSTRUCTION
FERMEUSE, NL

drawing design

ELECTRICAL PANELS
AND DETAILS

designed S.MCQUIRE concu
date MAY, 2016
drawn S.MCQUIRE dessine
date MAY, 2016
approved R.FROUDE approve
date MAY, 2016
Tender Sourmission
DFO Project Manager Administrateur de projets MPO
project number no. du projet
721920

drawing no. no. du dessin