

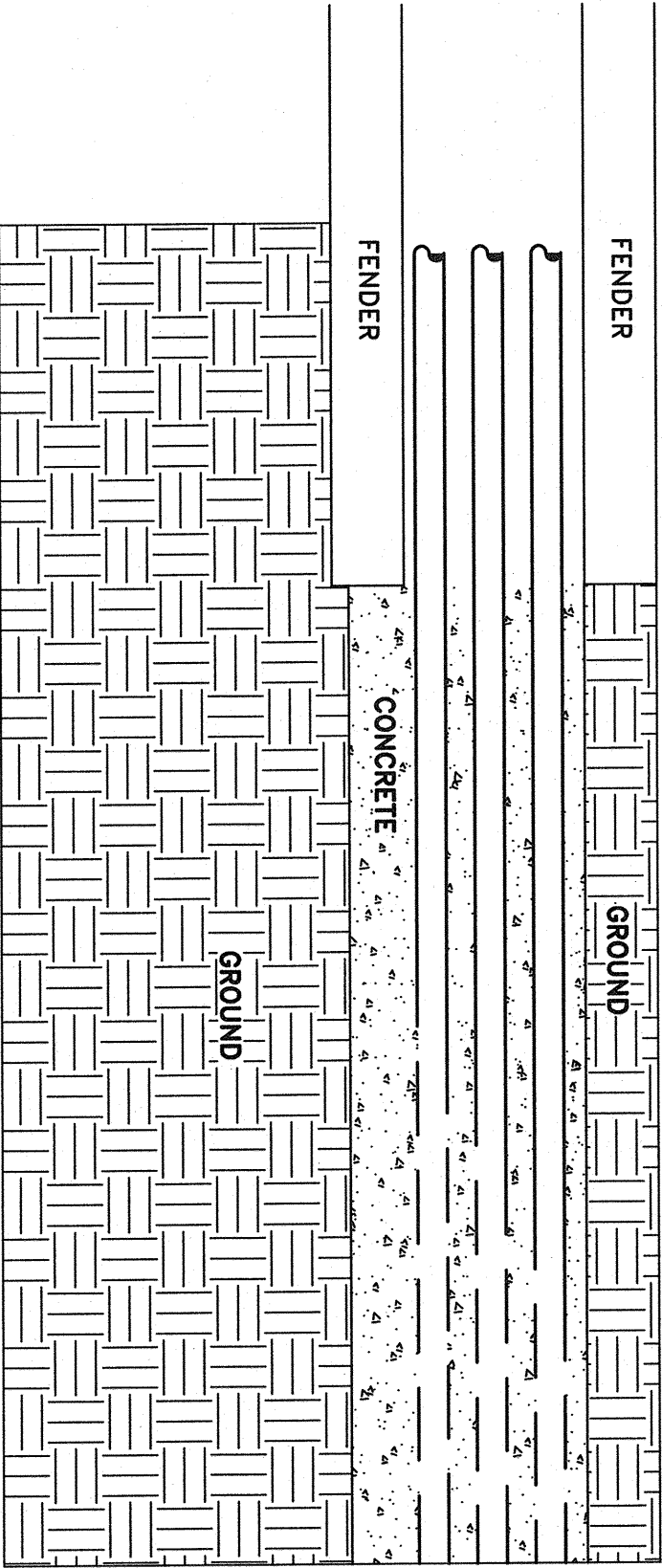
2	RE-ISSUED FOR TENDER	2/01/15
1	RE-ISSUED FOR TENDER	16/04/14
0	ISSUED FOR TENDER	16/04/14
D	ISSUED FOR 99% REVIEW	16/04/14
revision		date

NEW WHARE
CONSTRUCTION
ST. LUNARE, NL
ELECTRICAL DETAILS
AND PANELS

designed J.F.	checked
date MARCH, 2015	date
drawn S.P.M.	checked
date MARCH, 2015	date
approved J.F.	checked
date MARCH, 2015	date
drawn	checked
date	date
project number R.076000.001	no. of sheets 1
drawing no. E2 OF 3	no. of sheets 1

NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- DO NOT SCALE FROM DRAWINGS.
- ELECTRICAL PANELS, 8 SHALL HAVE SAME CONFIGURATION WITH 120V/208V, 3PH, 4W, 200 AMP.
- PEDISTAL TO HAVE FOUR (4) 1/2" DIA. HOLES FOR MOUNTING. HOLES TO BE USED TO SECURE EXPANSION JOINTS. HOLES TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT. HOLES TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT. HOLES TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT.
- EXPANSION JOINTS TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT. HOLES TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT. HOLES TO BE LOCATED ON THE LARGER SIDE OF THE EXPANSION JOINT.
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TECK CABLE AND CONDUIT WILL BE ENCASED IN CONCRETE UNTIL IT ENTERS FENDER. CONTRACTOR TO INSTALL CONDUIT AND CABLE IN FENDERS AND INSTALL PLYWOOD OVER FENDER AS SHOWN IN DETAIL 'F'.

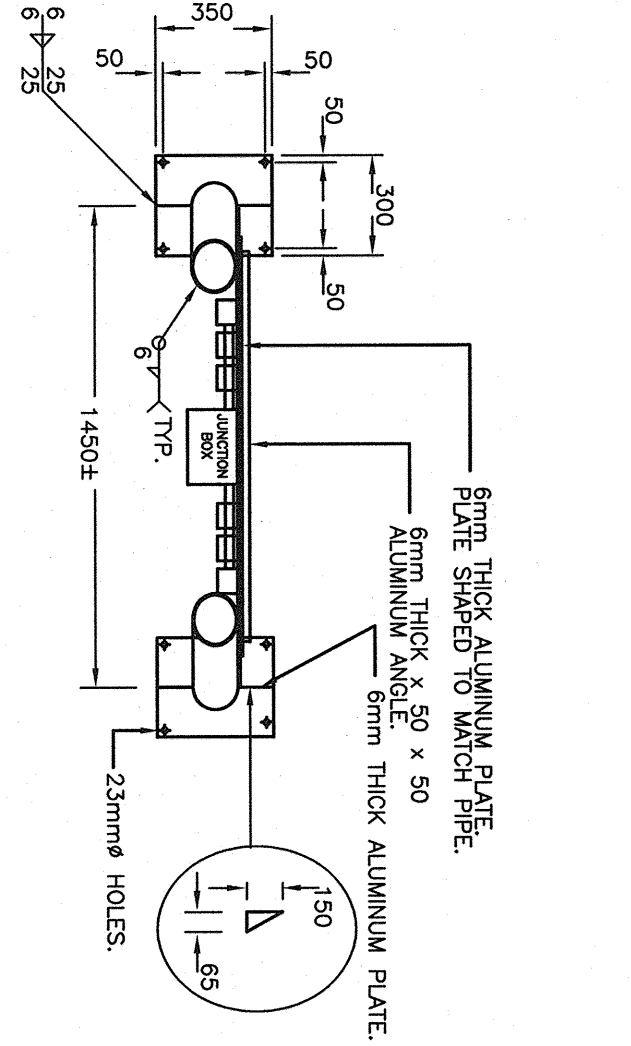
CABLE AND CONDUIT AT FENDER

PANEL C		PANEL SCHEDULE	
TYPE: 42 CIRCUIT SURFACE CABINET			
RATING: 120/208V, 3PH, 4W, 200 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
PEDISTAL #5	2880 10	30 1 2 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 3 4 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 5 6 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 7 8 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 9 10 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 11 12 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 13 14 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 15 16 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 17 18 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 19 20 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 21 22 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 23 24 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 25 26 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 27 28 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 29 30 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 31 32 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 33 34 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 35 36 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 37 38 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 39 40 30 10	PEDISTAL #6
PEDISTAL #5	2880 10	30 41 42 30 10	PEDISTAL #6

PANEL B		PANEL SCHEDULE	
TYPE: 42 CIRCUIT SURFACE CABINET - TOP ENTRY			
RATING: 120/208V, 3PH, 4W, 200 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
EXISTING		15 1 2 15	EXISTING
EXISTING		15 3 4 15	EXISTING
EXISTING		15 5 6 15	EXISTING
EXISTING		15 7 8 15	EXISTING
EXISTING		15 9 10 15	EXISTING
EXISTING		15 11 12 15	EXISTING
EXISTING		15 13 14 15	EXISTING
EXISTING		15 15 16 15	EXISTING
EXISTING		15 17 18 15	EXISTING
EXISTING		15 19 20 15	EXISTING
EXISTING		15 21 22 15	EXISTING
EXISTING		15 23 24 15	EXISTING
EXISTING		15 25 26 15	EXISTING
EXISTING		15 27 28 15	EXISTING
EXISTING		15 29 30 15	EXISTING
EXISTING		15 31 32 15	EXISTING
EXISTING		15 33 34 15	EXISTING
EXISTING		15 35 36 15	EXISTING
EXISTING		15 37 38 15	EXISTING
EXISTING		15 39 40 15	EXISTING
EXISTING		15 41 42 15	EXISTING

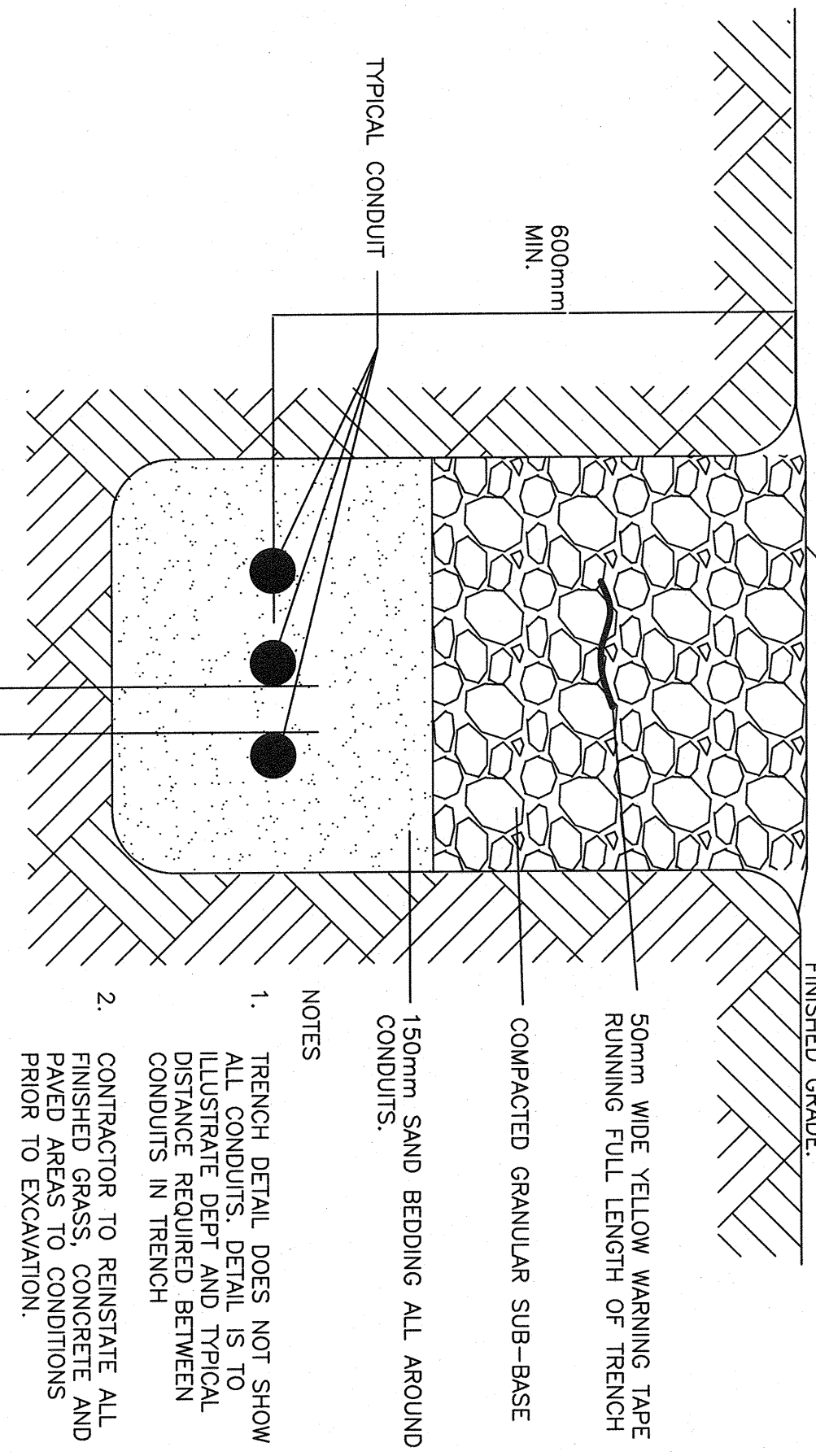
PANEL A		PANEL SCHEDULE	
TYPE: 60 CIRCUIT SURFACE CABINET			
RATING: 120/208V, 3PH, 4W, 400 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
PEDISTAL #1	2880 1	30 1 2 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 3 4 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 5 6 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 7 8 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 9 10 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 11 12 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 13 14 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 15 16 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 17 18 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 19 20 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 21 22 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 23 24 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 25 26 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 27 28 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 29 30 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 31 32 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 33 34 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 35 36 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 37 38 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 39 40 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 41 42 30 1	PEDISTAL #2

PANEL A		PANEL SCHEDULE	
TYPE: 60 CIRCUIT SURFACE CABINET			
RATING: 120/208V, 3PH, 4W, 400 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
PEDISTAL #1	2880 1	30 1 2 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 3 4 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 5 6 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 7 8 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 9 10 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 11 12 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 13 14 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 15 16 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 17 18 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 19 20 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 21 22 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 23 24 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 25 26 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 27 28 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 29 30 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 31 32 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 33 34 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 35 36 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 37 38 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 39 40 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 41 42 30 1	PEDISTAL #2



SECTION "A-A"

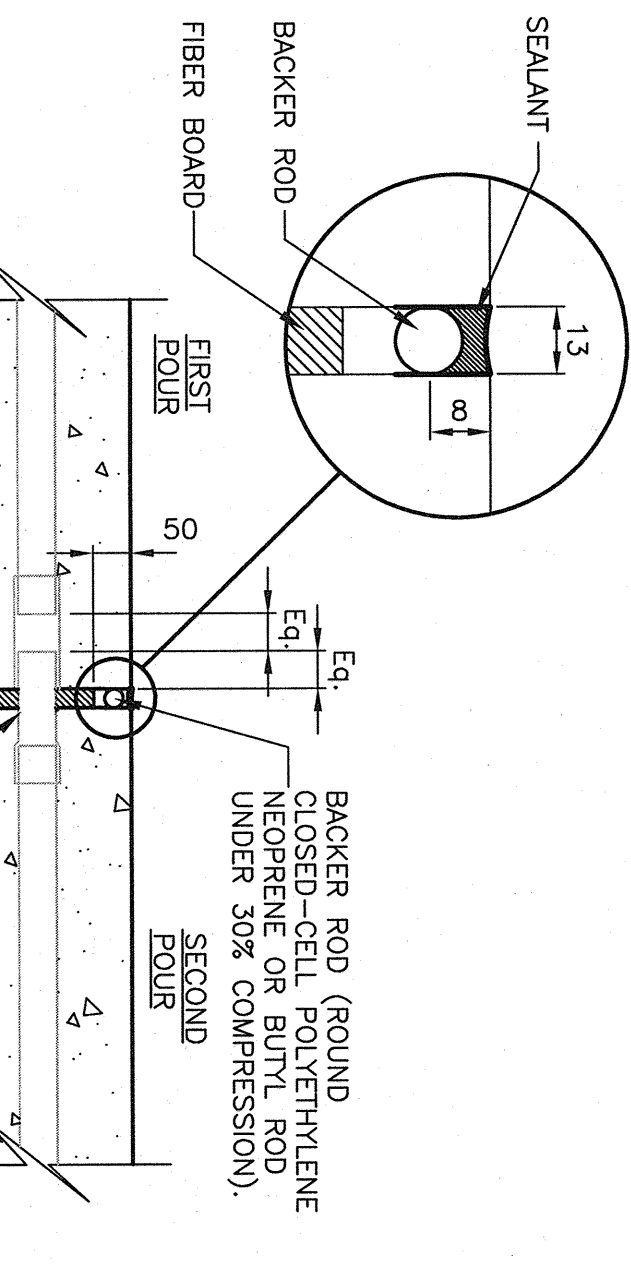
COORDINATE WITH GENERAL CONTRACTOR FOR FINAL GRADE FINISHES. PROVIDE EXTRA FILL TO ALLOW FOR SETTLEMENT.



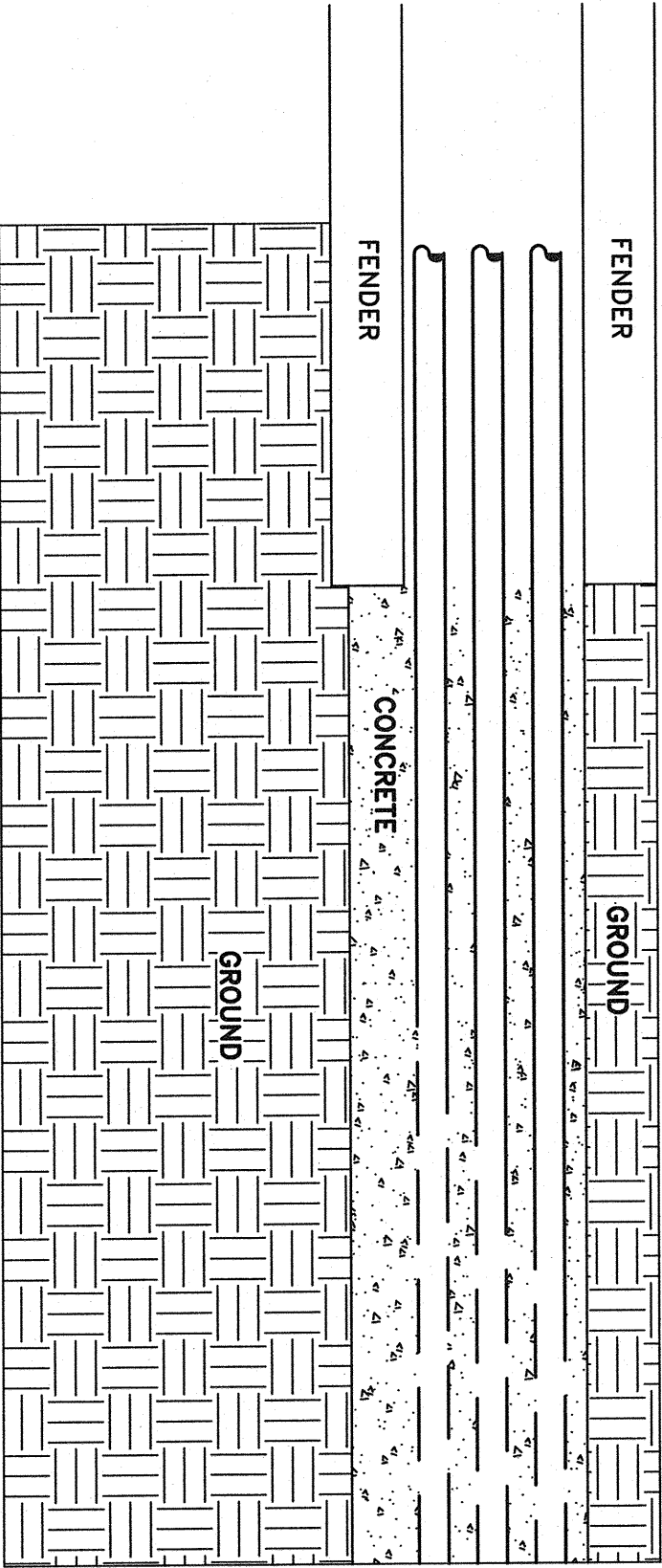
UNDERGROUND TRENCHING

PANEL B		PANEL SCHEDULE	
TYPE: 42 CIRCUIT SURFACE CABINET - TOP ENTRY			
RATING: 120/208V, 3PH, 4W, 200 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
EXISTING		15 1 2 15	EXISTING
EXISTING		15 3 4 15	EXISTING
EXISTING		15 5 6 15	EXISTING
EXISTING		15 7 8 15	EXISTING
EXISTING		15 9 10 15	EXISTING
EXISTING		15 11 12 15	EXISTING
EXISTING		15 13 14 15	EXISTING
EXISTING		15 15 16 15	EXISTING
EXISTING		15 17 18 15	EXISTING
EXISTING		15 19 20 15	EXISTING
EXISTING		15 21 22 15	EXISTING
EXISTING		15 23 24 15	EXISTING
EXISTING		15 25 26 15	EXISTING
EXISTING		15 27 28 15	EXISTING
EXISTING		15 29 30 15	EXISTING
EXISTING		15 31 32 15	EXISTING
EXISTING		15 33 34 15	EXISTING
EXISTING		15 35 36 15	EXISTING
EXISTING		15 37 38 15	EXISTING
EXISTING		15 39 40 15	EXISTING
EXISTING		15 41 42 15	EXISTING

PANEL A		PANEL SCHEDULE	
TYPE: 60 CIRCUIT SURFACE CABINET			
RATING: 120/208V, 3PH, 4W, 400 AMP			
STANDARD OF ACCEPTANCE			
MINIMUM INTERRUPTING CAPACITY: 10000			
NOTES:			
CIRCUIT DESCRIPTION	LOAD WMTS SIZE	WIRE BREAKER CIRCUIT BREAKER WIRE LOAD	CIRCUIT DESCRIPTION
PEDISTAL #1	2880 1	30 1 2 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 3 4 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 5 6 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 7 8 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 9 10 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 11 12 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 13 14 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 15 16 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 17 18 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 19 20 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 21 22 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 23 24 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 25 26 30 1	PEDISTAL #2
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PEDISTAL #1	2880 1	30 29 30 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 31 32 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 33 34 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 35 36 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 37 38 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 39 40 30 1	PEDISTAL #2
PEDISTAL #1	2880 1	30 41 42 30 1	PEDISTAL #2



EXPANSION JOINT



TECK CABLE AND CONDUIT WILL BE ENCASED IN CONCRETE UNTIL IT ENTERS FENDER. CONTRACTOR TO INSTALL CONDUIT AND CABLE IN FENDERS AND INSTALL PLYWOOD OVER FENDER AS SHOWN IN DETAIL 'F'.

CABLE AND CONDUIT AT FENDER

PANEL C	PANEL SCHEDULE
TYPE: 42 CIRCUIT SURFACE CABINET	
RATING: 120/208V, 3PH, 4W, 200AMP	
STANDARD OF ACCEPTANCE	
MINIMUM INTERRUPTING CAPACITY: 10000	R.M.S. SYMM. AMPERES
NOTES:	