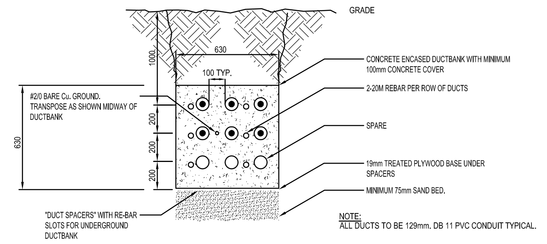
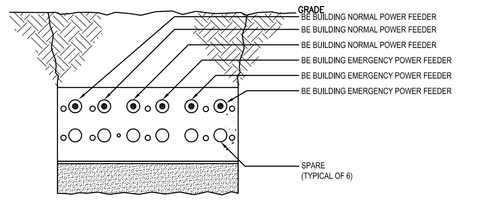
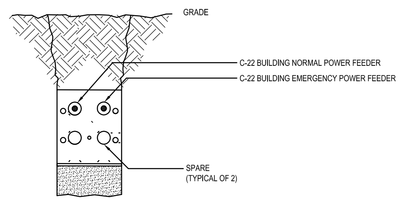


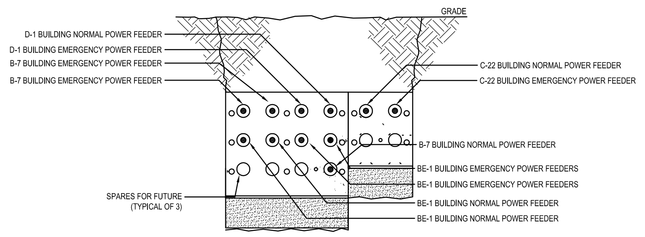
1 E3-02-01 **TYPICAL CONSTRUCTION (DUCTBANK DETAIL)**
SCALE: N.T.S.



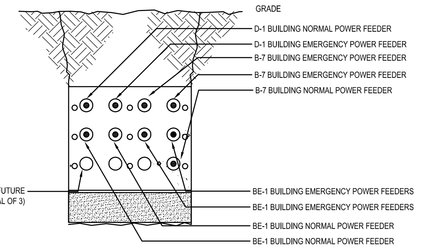
2 E3-02-01 **B.E. E-HOUSE FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



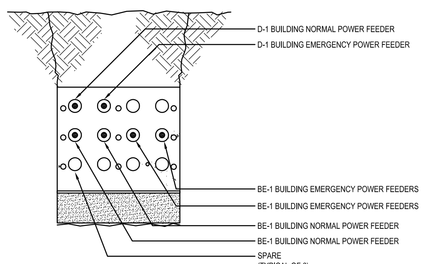
3 E3-02-01 **C-22 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



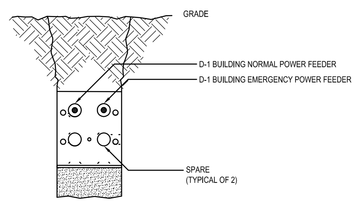
4 E3-02-01 **C-22,BE-1, B-7 & D-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



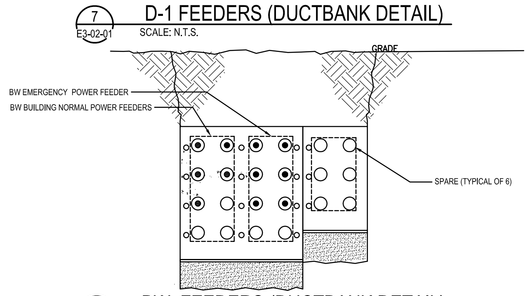
5 E3-02-01 **BE-1, B-7 & D-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



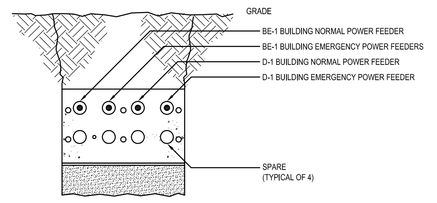
6 E3-02-01 **D-1 & BE-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



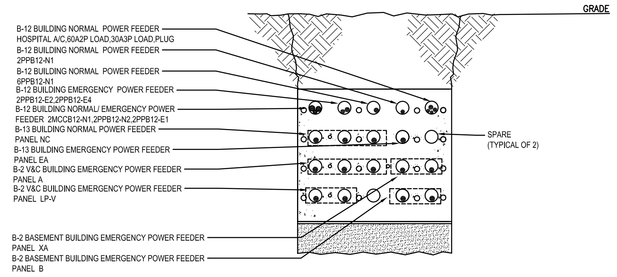
7 E3-02-01 **D-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



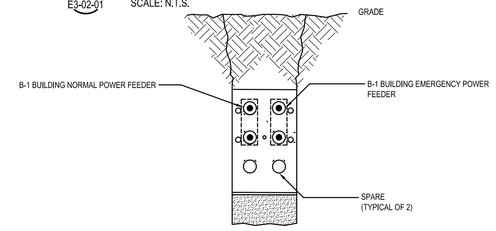
16 E3-02-01 **BW FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



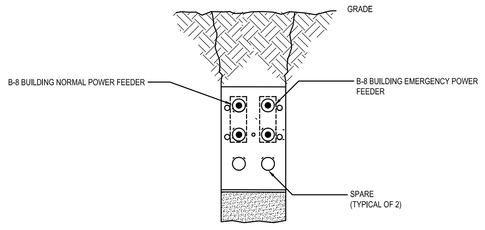
8 E3-02-01 **BE-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



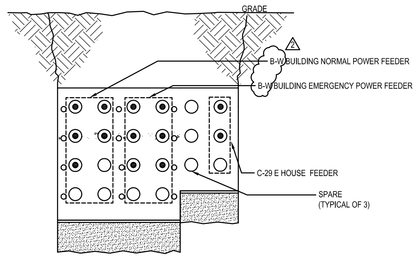
9 E3-02-01 **B-12, B-2, & B-13 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



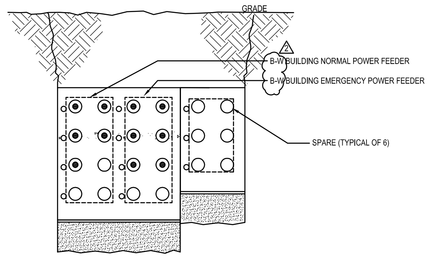
10 E3-02-01 **B-1 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



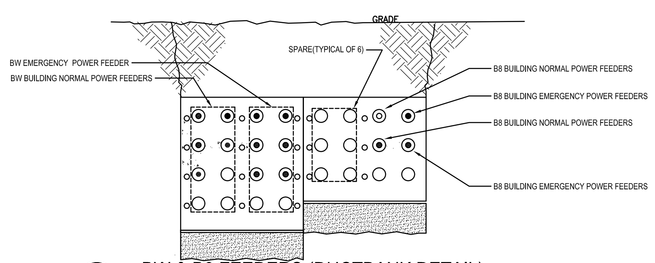
11 E3-02-01 **B-8 FEEDER (DUCTBANK DETAIL)**
SCALE: N.T.S.



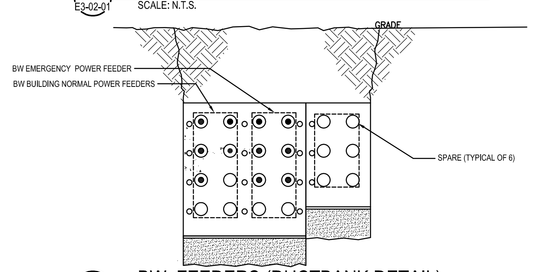
12 E3-02-01 **B-W FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



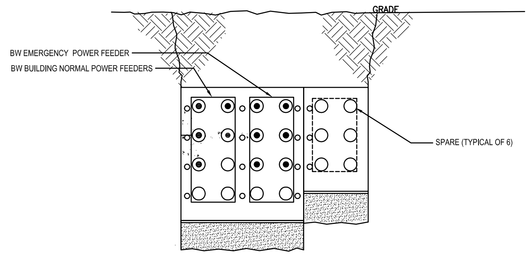
13 E3-02-01 **BW BREAK AWAY FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



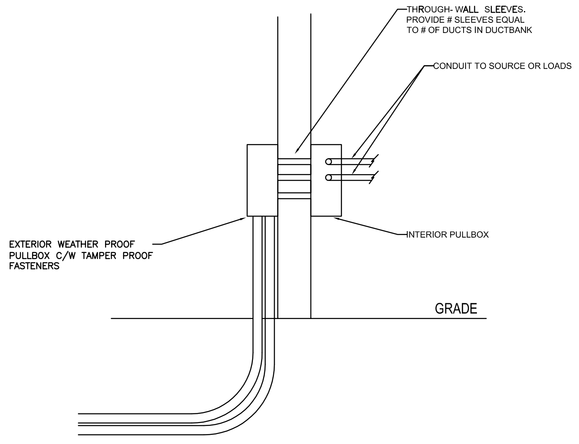
14 E3-02-01 **BW & B8 FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



15 E3-02-01 **BW FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.

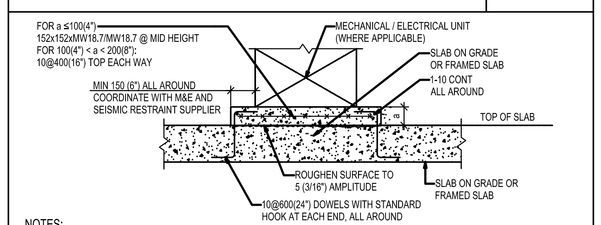


17 E3-02-01 **BW FEEDERS (DUCTBANK DETAIL)**
SCALE: N.T.S.



18 E3-02-01 **DUCT ENTRY DETAIL**
SCALE: N.T.S.

HOUSEKEEPING PADS / BUILT UP SLABS — TC-MISC-01

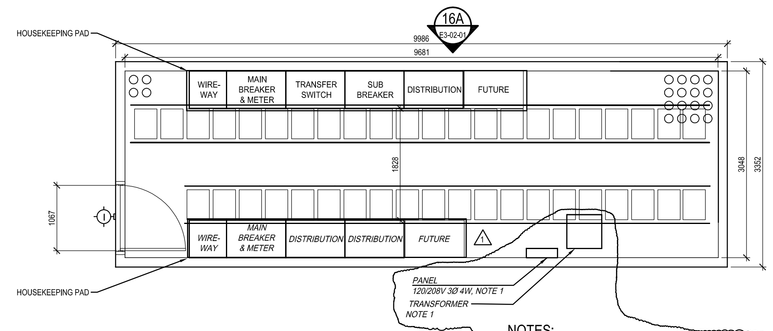


NOTES:

1. FOR PAD SIZES AND LOCATIONS, SEE MECHANICAL, ELECTRICAL AND ARCHITECTURAL DRAWINGS.
2. FOR PADS MORE THAN 2000(8") THICK OBTAIN CONSULTANT'S APPROVAL PRIOR TO POURING.
3. FOR BUILT UP SLABS LESS THAN 25(1") THICK
4. AT SLABS MINIMUM 125 (5") THICK DOWELS CAN BE POST INSTALLED AND EMBEDDED 100 (4") DEEP USING HILTI ADHESIVE SYSTEM.
5. REINFORCING SHOWN IS THE MINIMUM REQUIREMENT; COORDINATE WITH SEISMIC RESTRAINT DESIGN AND INCREASE IF REQUIRED.
6. UNLESS THE PAD ITSELF IS SUFFICIENT TO RESIST ALL THE LOAD IMPOSED TO IT BY SEISMIC RESTRAINT ELEMENTS WITHOUT RELYING ON BASE SLAB, EXTEND ALL THE ANCHORAGE INTO THE BASE SLAB AND NEGLECT THE PORTION OF THE ANCHORS WITHIN THE PAD.

AUGUST 2017

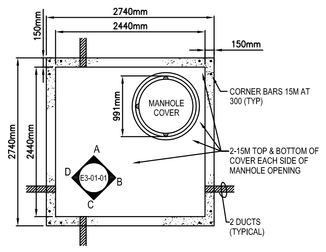
19 E3-02-01 **HOUSEKEEPING PAD DETAIL (TYPICAL)**
SCALE: N.T.S.



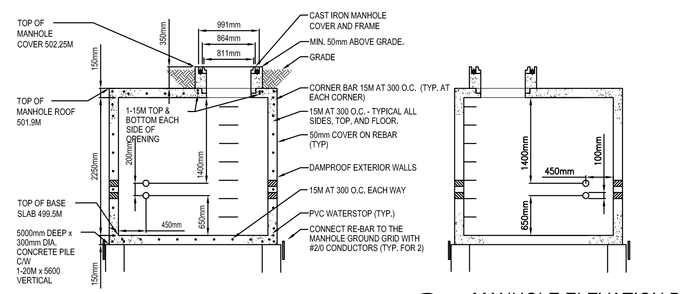
NOTES:

1. REFER TO DRAWING E7-02-06 & E7-02-07 TO MATCH E-HOUSE BW, BE1-BE TRANSFORMERS AND PANELBOARDS RATINGS

21 E3-02-01 **LOAD CENTRE DETAIL (TYPICAL)**
SCALE: 1:50

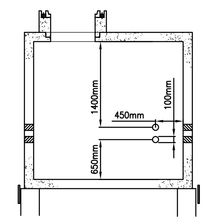


22 E3-02-01 **MANHOLE DETAIL (TYPICAL)**
SCALE: 1:50

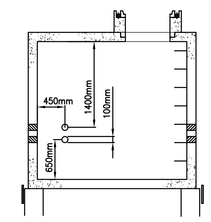


22A E3-02-01 **MANHOLE ELEVATION A**
SCALE: 1:50

22B E3-02-01 **MANHOLE ELEVATION B**
SCALE: 1:50



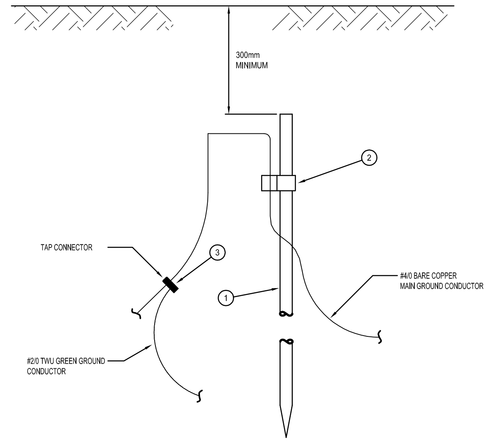
22C E3-02-01 **MANHOLE ELEVATION C**
SCALE: 1:50



22D E3-02-01 **MANHOLE ELEVATION D**
SCALE: 1:50

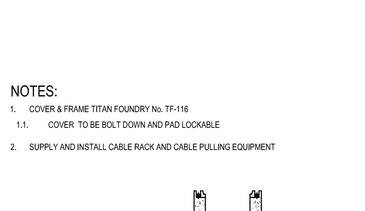
NOTES:

1. COVER & FRAME TITAN FOUNDRY No. TF-116
   1.1. COVER TO BE BOLT DOWN AND PAD LOCKABLE
2. SUPPLY AND INSTALL CABLE RACK AND CABLE PULLING EQUIPMENT

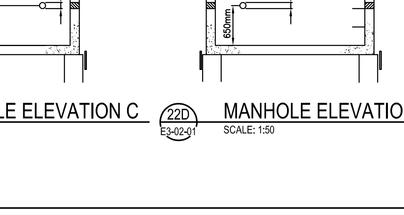


ITEM	DESCRIPTION	QTY.
1	GROUND ROD, COPPERWELD STEEL, 19mm x 3000mm LONG	1
2	CONNECTOR, #2-250 CABLE TO 19mm ROD, AS BURNDY #YGHR29C34	1
3	COMPRESSION TAP CONNECTOR AS BURNDY # YGHC 29C26	1

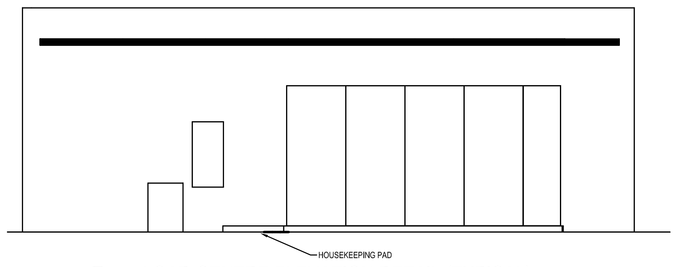
20 E3-02-01 **GROUND ROD ASSEMBLY DETAIL**
SCALE: N.T.S.



20A E3-02-01 **TYPICAL CONNECTION TO MAIN GROUND GRID**
SCALE: N.T.S.



20B E3-02-01 **SPLITTER SERVICE CONDUIT DETAIL**
SCALE: N.T.S.



21A E3-02-01 **LOAD CENTRE ELEVATION DETAIL (TYPICAL)**
SCALE: 1:50

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP CANADA INC.
Number C0068
Permission to Consult Held by:
ELECT "Sask Branch"

2	ISSUED FOR ADDENDUM 2	06/04/2018
1	ISSUED FOR ADDENDUM 1	29/03/2018
0	ISSUED FOR TENDER	25/01/2018
Revision/ Revision	Description/Description	Date/Date

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

SASKATCHEWAN PENITENTIARY ELECTRICAL UPGRADES 2017

Approved by/Approuve par
BKB

Designed by/Concept par
WSM

Drawn by/Dessine par
WSM

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Architectural and Engineering Resources Manager/ Ressources Architecturaux et de Directeur d'ingénierie, TPSGC

Client/client
CORRECTIONAL SERVICE CANADA

Drawing title/Titre du dessin
PACKAGE 2 - NORTH EAST INSIDE THE WALLS
ELECTRICAL DETAILS

Project No./No. du projet	Sheet/ Feuille	Revision no./ Le Révision no.
R.080653.001	E3-02-01 OF XX	2