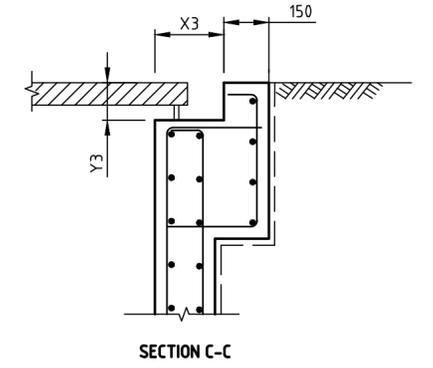
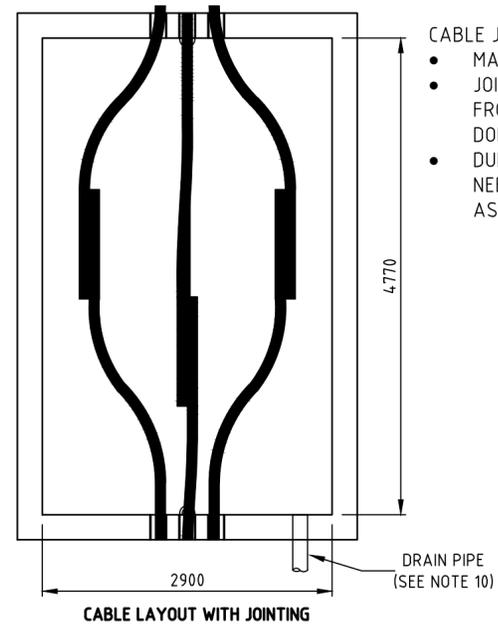
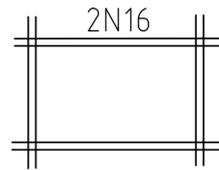
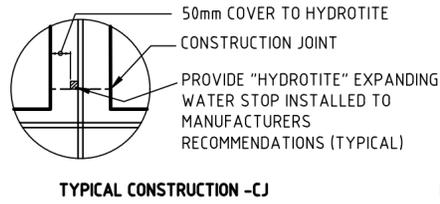
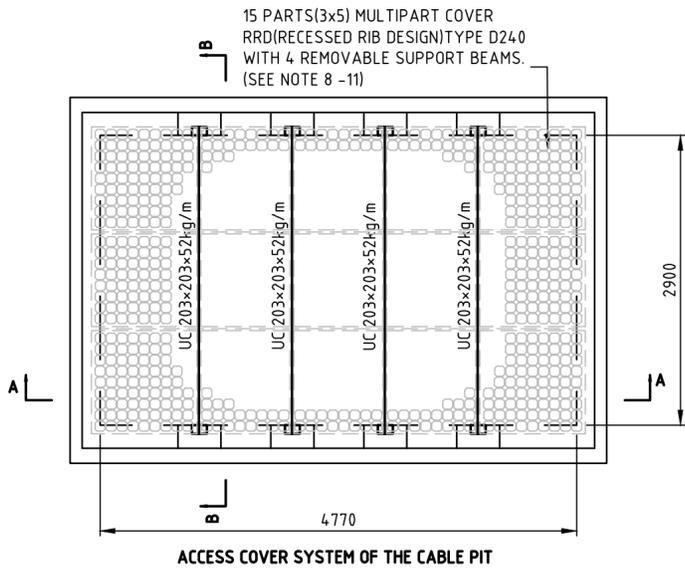
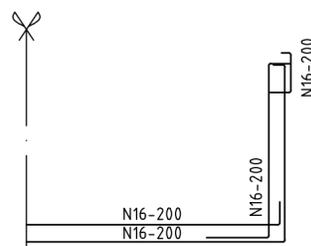
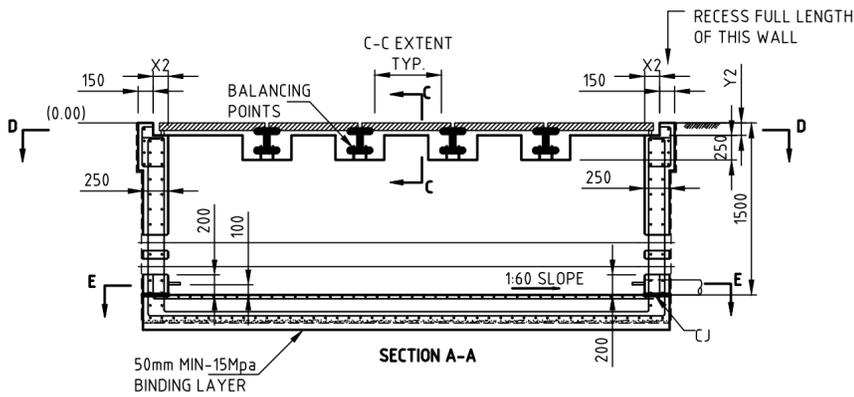


SUITE OF CABLE PIT DRAWINGS TABLE		
DRAWING NO.	SHEET NO.	DESCRIPTION
394-021	1	CABLE HAULAGE PIT (FORMED CONCRETE)
394-022	2	CABLE HAULAGE & JOINT PIT (FORMED CONCRETE)
394-023	3	CABLE HAULAGE & JOINT PIT EXCAVATION DETAILS (NATURAL GROUND)
394-024	4	CABLE HAULAGE & JOINT PIT (NATURAL GROUND)
394-025	5	CABLE HAULAGE & JOINT PIT DRAWING NOTES



- CABLE JOINTING NOTES - SUBJECT TO SAFETY IN DESIGN:
- MAXIMUM 3 JOINTS ALLOWABLE IN THE PIT.
 - JOINTS MUST BE STAGGERED AND SEPARATED FROM EACH OTHER, TO ENSURE FAILURE IN A JOINT DOES NOT AFFECT ADJACENT JOINTS.
 - DURING THE JOINTING, OTHER LIVE CABLES MAY NEED TO BE DEENERGIZED, SUBJECT TO RISK ASSESSMENT.



WATERPROOFING PROVIDE EMERPROOF 750 INSTALLED TO MANUFACTURERS SPECIFICATION. PROVIDE PROTECTION TO MEMBRANE (IE SHOCKMAT or EQUIVALENT) ALL AROUND

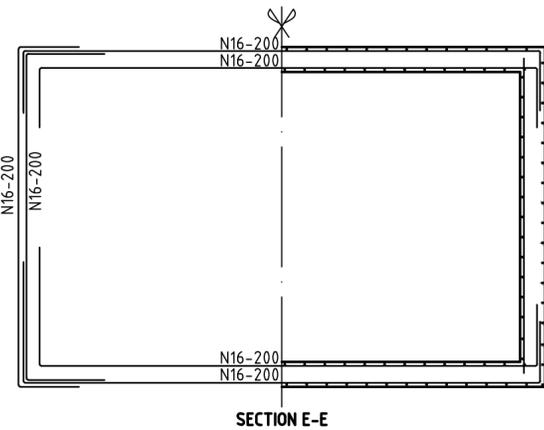
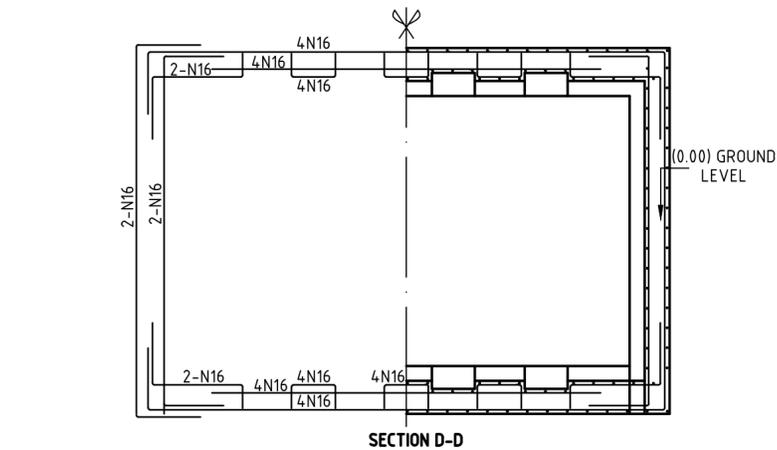
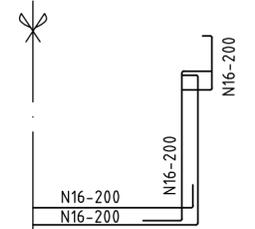
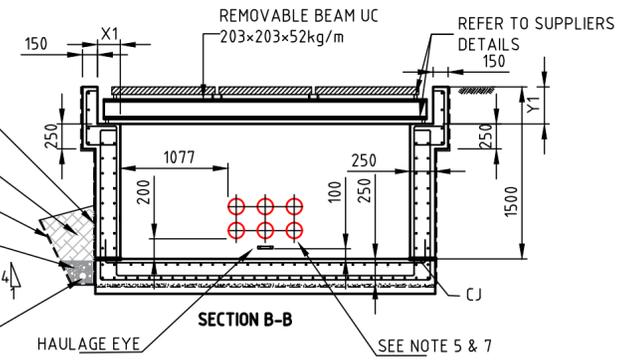
UNCOMPACTED FREE DRAINING BACKFILL ALL AROUND

BIDIM A24 GEOTEXTILE BETWEEN CUT FACE & FREE DRAINING MATERIAL ALL AROUND.

CRUSHED ROCK PLUG OF SINGLE SIZED 10mm AGGREGATE, 100 MINIMUM ABOVE SUBSOIL LINE ALL AROUND

90Ø SUBSOIL HYDRAULICALLY CONNECTED TO STORMWATER SYSTEM MIN. 1% FALL

90Ø SUBSOIL LINE WITH A NON-WOVEN GEOTEXTILE FILTER SOCK SURROUND HYDRAULICALLY CONNECTED TO STORMWATER SYSTEM MIN. 1% FALL.



- NOTES:
- FOR DETAILED NOTES, REFER TO EVOENERGY DRAWING 394-025.
 - UNLESS INDICATED, ALL DIMENSIONS ARE IN MILLIMETRES AND ARE MINIMUM REQUIREMENTS.
 - CONCRETE PIT IS ONLY ALLOWABLE WHERE APPROVED BY EVOENERGY. IN OTHER CASES EXCAVATED NATURAL GROUND PIT MUST BE USED.
 - EVOENERGY'S AUTHORISED OFFICER CAN REQUEST/ALLOW A DIFFERENT DIMENSIONED PIT FOR PROJECT/SITE SPECIFIC REASONS. SITE/PROJECT SPECIFIC DRAWINGS MAY NEED TO BE DRAWN FOR ANY VARIATIONS FROM THIS DRAWING.
 - 150MM MEDIUM DUTY ORANGE UPVC CONDUIT COMPLYING WITH AS2053.2.
 - THE NUMBER AND CONFIGURATION OF CONDUITS MAY BE VARIED FROM THE DRAWING AND SHALL BE ADVISED BY EVOENERGY.
 - CABLE LAYOUT IS BASED ON 400mm² AT 3C XLPE HV CABLE INSTALLATION. CABLE SUPPORT MAY BE REQUIRED.
 - BELL MOUTHS TO BE INSTALLED INSIDE ALL HOLES TO AVOID DAMAGE TO CABLE.
 - THIS DRAWING TO BE READ AND PIT IS TO BE CONSTRUCTED WITH SUPPLIER DETAIL DRAWINGS FOR THE GATIC ACCESS COVER SYSTEM INCLUDING SUPPORT BEAMS DETAILS TO COORDINATE DIMENSIONS AS PER AS3996 FOR EQUIVALENT LOAD RATING (D).
 - DIMENSIONS (PIT LENGTH & WIDTH) AS SPECIFIED IN THE DRAWINGS ARE MINIMUM. THESE MAY BE INCREASED DEPENDING UPON THE TYPE OF PIT COVER USED, NOTING THAT STRUCTURAL CERTIFICATION WILL BE REQUIRED.
 - THE ACCESS COVER SYSTEM MUST BE OF MULTI-PARTS WITH REMOVABLE BEAMS AND SHALL BE CLASSIFIED AS WATERTIGHT SEALED IN ACCORDANCE WITH AS3996.
 - LOAD CLASSIFICATION OF THE ACCESS COVER SYSTEM SHALL BE DESIGNED FOR CLASS D LOADS IN ACCORDANCE WITH AS3996 WITH A SERVICEABILITY DESIGN LOAD OF 160kN AND AN ULTIMATE LIMIT STATE DESIGN OF 240kN.
 - THIS PIT IS RATED TO CLASS D AND SUITABLE ONLY FOR AREAS SUCH AS ROAD SHOULDERS, WAREHOUSE AND LOADING DOCKS & VEHICLES WITH NOMINAL WHEEL LOADING UP TO 8000Kg. THIS PIT IS NOT SUITABLE FOR HEAVY VEHICLES EXCEEDING NOMINAL WHEEL LOADING OF 8000kg OR FOR CARRIAGEWAYS.
 - FOR ADDITIONAL INFORMATION, REFER TO THE SUITE OF CABLE PIT DRAWINGS TABLE AS PER THEIR DESCRIPTION.

- WATERSTOP NOTES:
- WATERSTOP TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 - WATERSTOP TO BE 30mm CLEAR OF REINFORCEMENT.
 - FIX WATERSTOPS FIRMLY INTO POSITION BEFORE POURING CONCRETE.
 - ALL WATERSTOP JUNCTIONS MUST BE INSTALLED AS PER WATERSTOP MANUFACTURER RECOMMENDATION.

No	Revision	Date	Checked	Approved
A	NOTES UPDATE, DIMENSIONS UPDATE - SG	9/06/2021	N. Azizi	W. Cleland
B	COVER RATING AMENDED FROM D400 TO D240 AND NOTE 18 ADDED - KV	12/04/2022	N. Azizi	W. Cleland
C	NOTE 10 AND 9 UPDATED	22/12/2023	J. Primmer	N. Azizi
D	DRAWING AND NOTES UPDATED WITH PIT SUITE - NA	24/09/2024	J. Primmer	N. Azizi

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Drawn:	S. Ghonim	Designed:	S. Ghonim
Checked:	N. Azizi		21/05/2021
Approved:	W. Cleland		21/05/2021
Project No:			

**CABLE HAULAGE & JOINT PIT
FORMED CONCRETE
TYPE D240 LOAD RATING
MULTIPARTS COVER WITH 4 REMOVABLE BEAMS**

Scale:	NTS	Date:	18/05/2021	Sheet No:	2 OF 5
Work Pack No:		File:			
Status:	Current				Rev
A2	394-022			D	