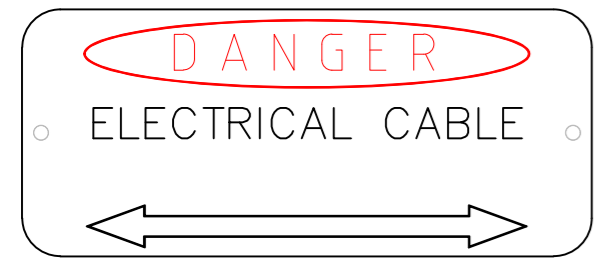
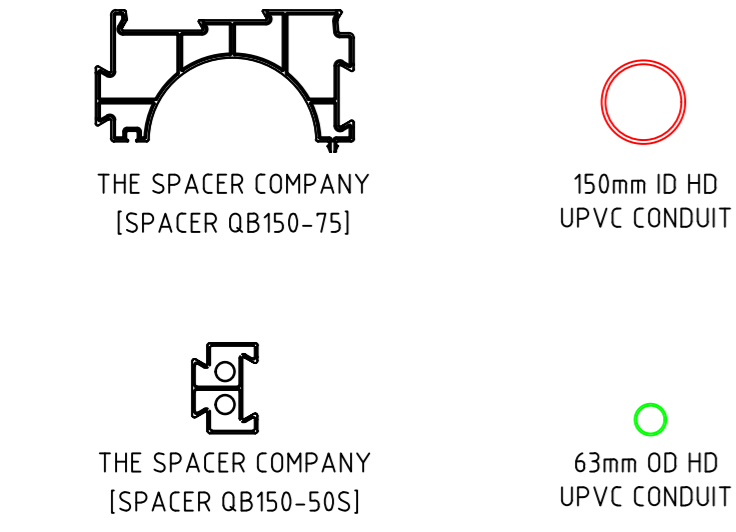


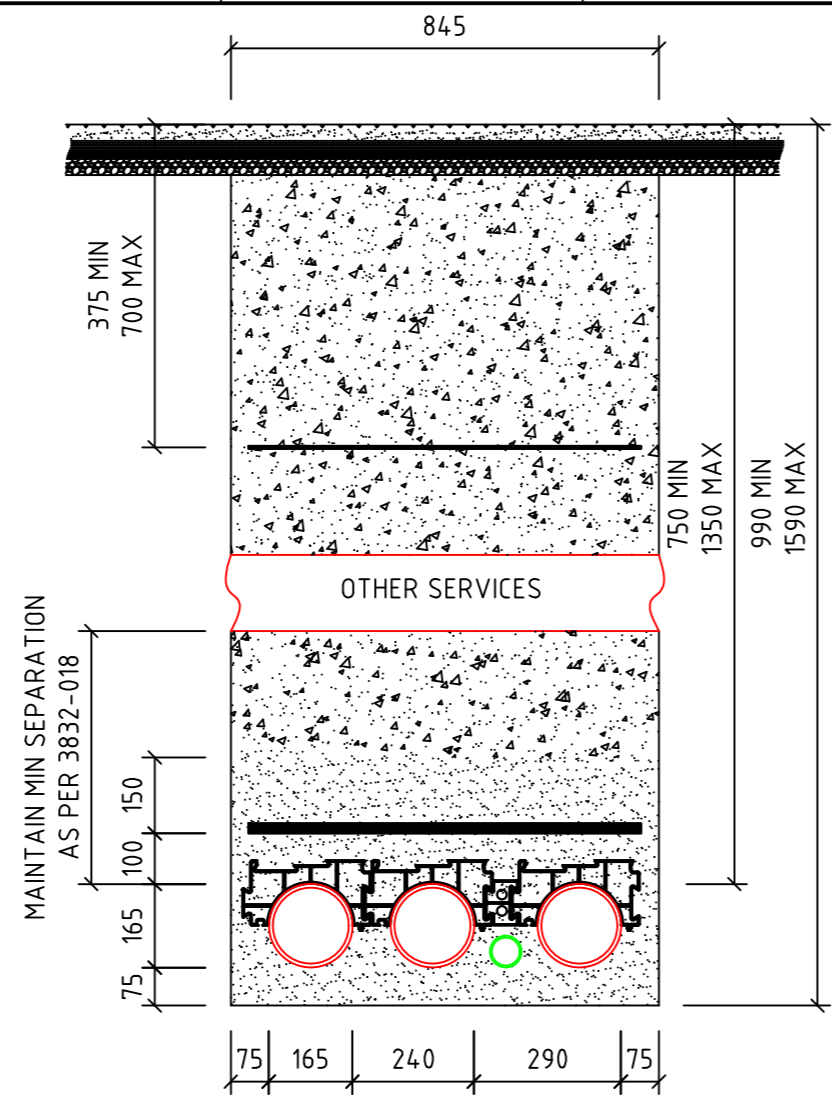
NOTES:

1. APPLY THIS DRAWING WHERE EVOENERGY'S ELECTRICAL TRENCH WILL NOT BE SHARED WITH OTHER SERVICES.
2. FOR DETAILED NOTES, REFER TO EVOENERGY DRAWING 393-017.
3. FOR TRENCHES CONTAINING MORE THAN 6 CONDUITS:
 - 3.1. SITE / PROJECT SPECIFIC DRAWINGS MUST BE DRAWN IN COMPLIANCE WITH ONE OF THE OPTIONS DETAILED ON THIS DRAWING.
 - 3.2. THE MINIMUM & MAXIMUM COVER AND DEPTH OF CONDUITS MUST BE CONSULTED WITH EVOENERGY PLANNING SECTION.
4. ANY DEVIATIONS FROM THIS DRAWING MUST BE APPROVED THROUGH EVOENERGY'S DISPENSATION REQUEST PROCESS.
5. ALL OPTIONS ASSUME NO LESS 2.0 m SEPARATION FROM NEIGHBORING CONDUITS & CABLES; ANY REDUCTION TO SEPARATION MUST BE APPROVED BY EVOENERGY'S PLANNING SECTION.
6. WAE DRAWINGS MUST BE SUBMITTED TO EVOENERGY RECORDING THE TRENCH PROFILE PLUS THE TRENCH CENTRELINE (HORIZONTAL) AND TOPMOST CONDUITS (VERTICAL), MEASURED RELATIVE TO THE PROPERTY LINE AND LOCAL GROUND LEVEL. WHERE NO PROPERTY LINE IS AVAILABLE, MEASUREMENTS MAY BE TAKEN FROM LOCAL SURFACE FEATURES, SUCH AS FENCES AND BUILDINGS (PROVIDING THE FEATURE IS GEO-REFERENCED). MEASUREMENTS TO BE TAKEN PRIOR TO BACKFILLING ARE:
 - 6.1. START/END AND EVERY 20M IN CONTINUOUS INTERVALS.
 - 6.2. START/END, MIDPOINT AND PROPERTY LINE CROSSING OF EVERY BEND.
 - 6.3. DEVIATION FROM ALIGNMENT OR VERTICAL DEPTH CHANGE GREATER THAN 100mm CHANGE IN TRENCH PROFILE
7. FOR ADDITIONAL INFORMATION, REFER TO THE SUITE OF CABLE TRENCH DRAWINGS TABLE AS PER THEIR DESCRIPTION:

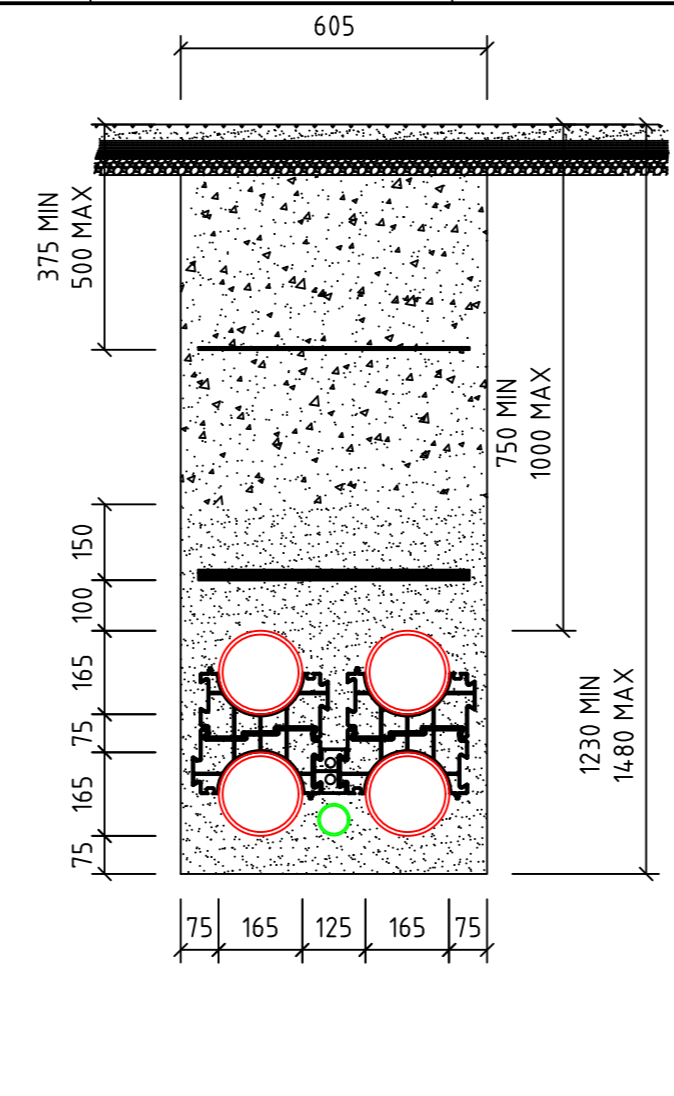
SUITE OF CABLE TRENCH DRAWINGS TABLE		
DRAWING NO.	SHEET NO.	DESCRIPTION
393-011	1	SHARED TRENCH AND ELECTRICAL PIT DETAILS FOR URD WITH GAS
393-012	2	SHARED TRENCH AND ELECTRICAL PIT DETAILS FOR URD WITHOUT GAS
393-013	3	DEDICATED ELECTRICAL OPEN TRENCH DETAILS 3, 4 & 6 WAY CONDUIT CROSS SECTIONS
393-014	4	DEDICATED ELECTRICAL UNDER BORE DETAILS 2, 3, 4 & 6 WAY CONDUIT CROSS SECTIONS
393-015	5	DEDICATED ELECTRICAL OPEN TRNECH FOR DIRECT BURIED CABLES, CONDUITED SERVICE CABLES AND ROAD CROSSINGS
393-016	6	ELECTRICAL CONDUIT REQUIREMENTS IN BRIDGE STRUCTURES FOR CABLES <12KV
393-017	7	CABLE TRENCH DRAWING NOTES



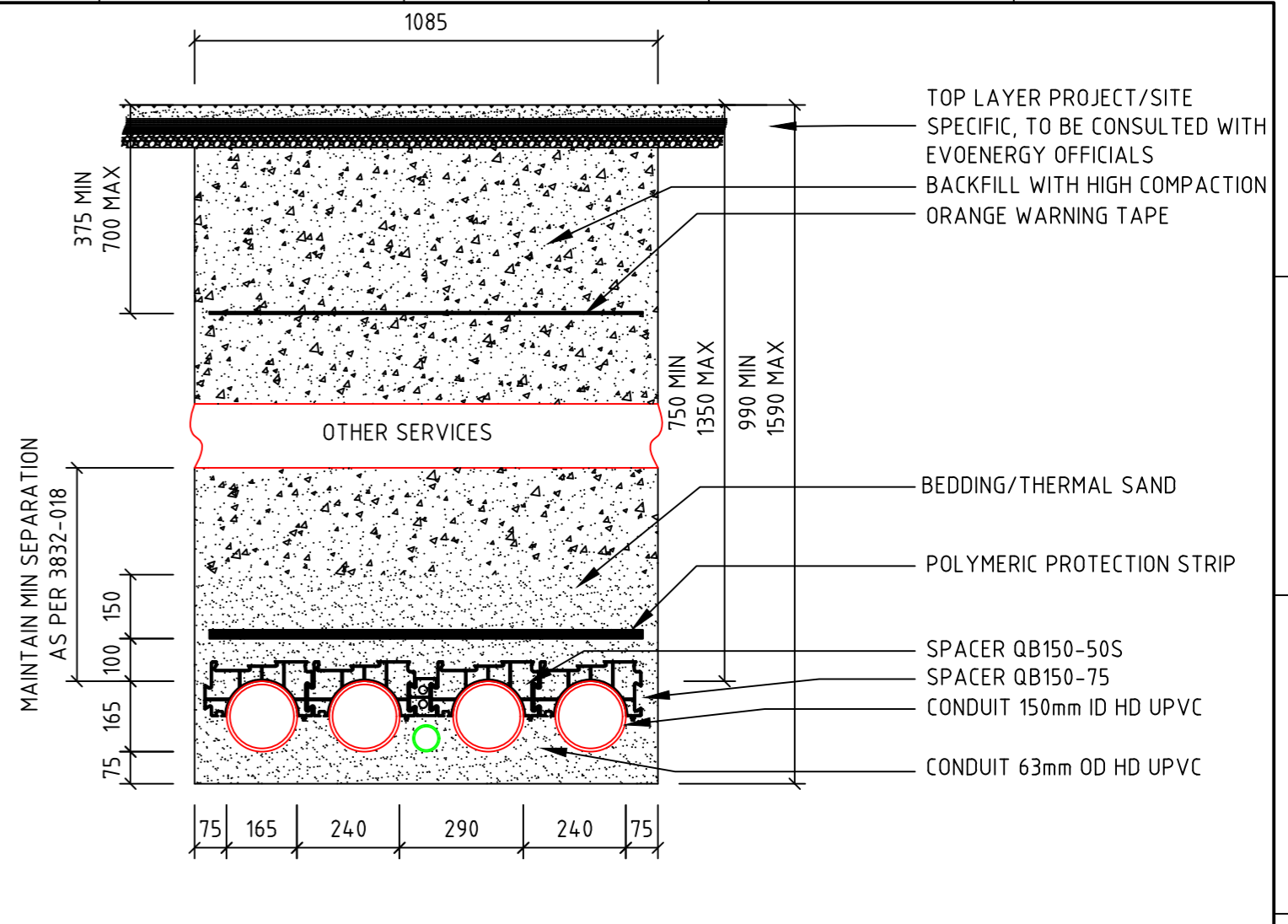
SAMPLE SURFACE MARKER (SEE 393-017, NOTE 13)



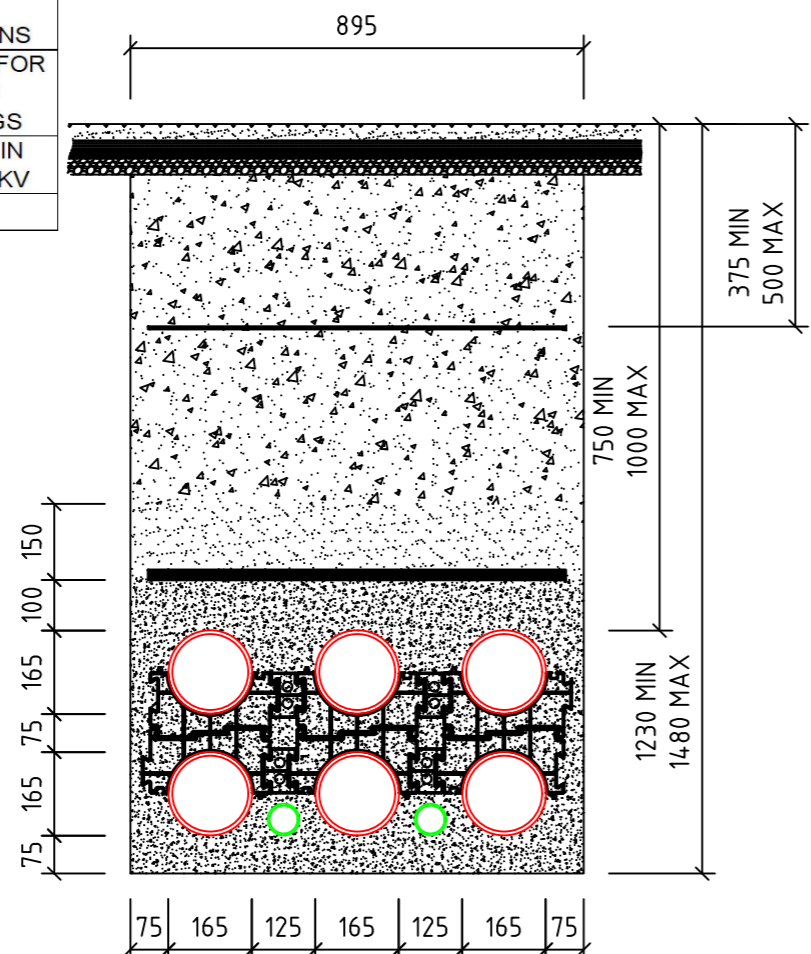
OPTION 1: 3 WAY (1 x 3) CONDUIT ARRANGEMENT



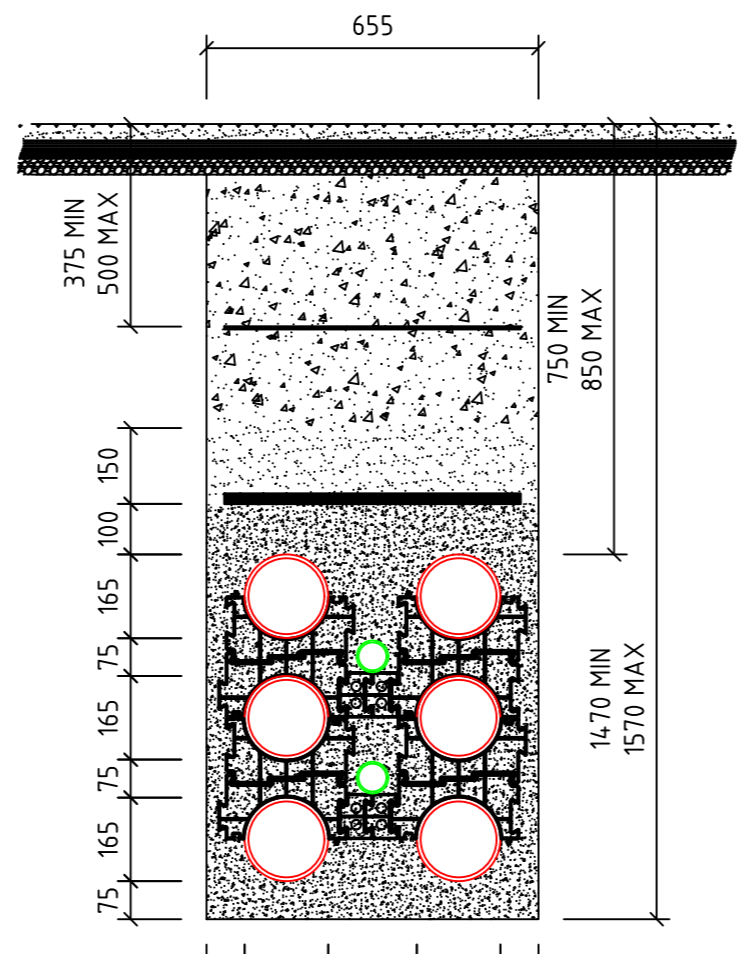
OPTION 2: 4 WAY (2 x 2) CONDUIT ARRANGEMENT (PREFERRED 4 WAY OPTION)



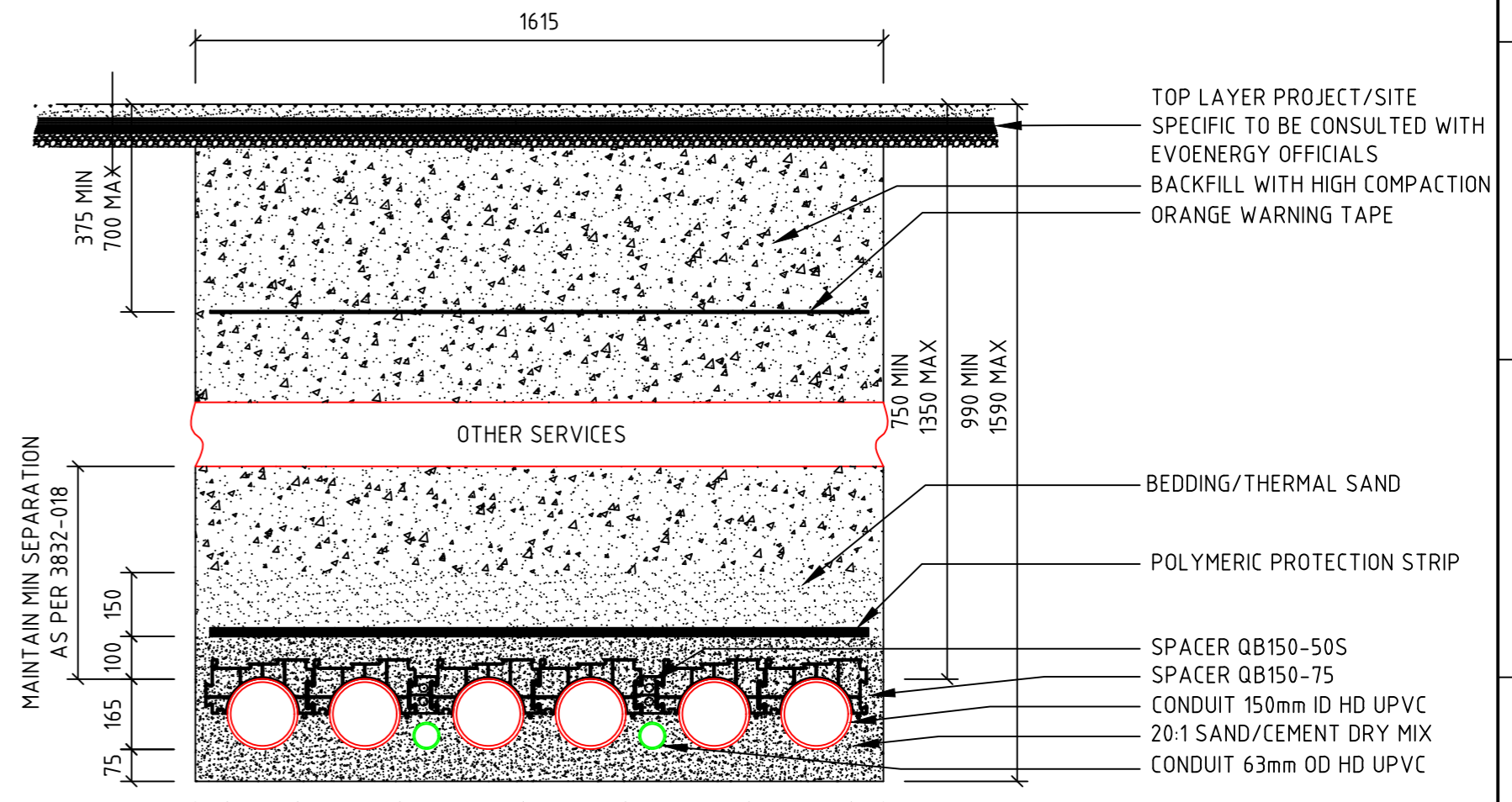
OPTION 3: 4 WAY (1 x 4) CONDUIT ARRANGEMENT (ALTERNATE OPTION FOR OTHER SERVICES CROSSINGS)



OPTION 4: 6 WAY (2 x 3) CONDUIT ARRANGEMENT (PREFERRED 6 WAY OPTION)



OPTION 5: 6 WAY (3 x 2) CONDUIT ARRANGEMENT (ALTERNATE OPTION FOR SMALLER WIDTH)



OPTION 4: 6 WAY (1 x 6) CONDUIT ARRANGEMENT (ALTERNATE OPTION FOR CROSSINGS OTHER SERVICES)

NOTE: FOR OPTION 4, 5 & 6, CONDUITS MUST BE ENCASED IN 20:1 SAND/CEMENT MIX OR OTHERWISE EVOENERGY APPROVED THERMALLY STABLE BEDDING MATERIAL.

No	Revision	Date	Checked	Approved
1				
2				
3				
4				

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Drawn: J. Ryan
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Checked: J. Primmer
Approved: N. Azizi
Project No:

24/09/2024
24/09/2024

**DEDICATED ELECTRICAL OPEN TRENCH
3, 4 & 6 WAY CONDUIT CROSS SECTIONS**

Scale:	Date: 21/08/2024	Sheet No: 3 OF 7
Work Pack No:	File:	
Status: Current		
A2	393-013	Rev