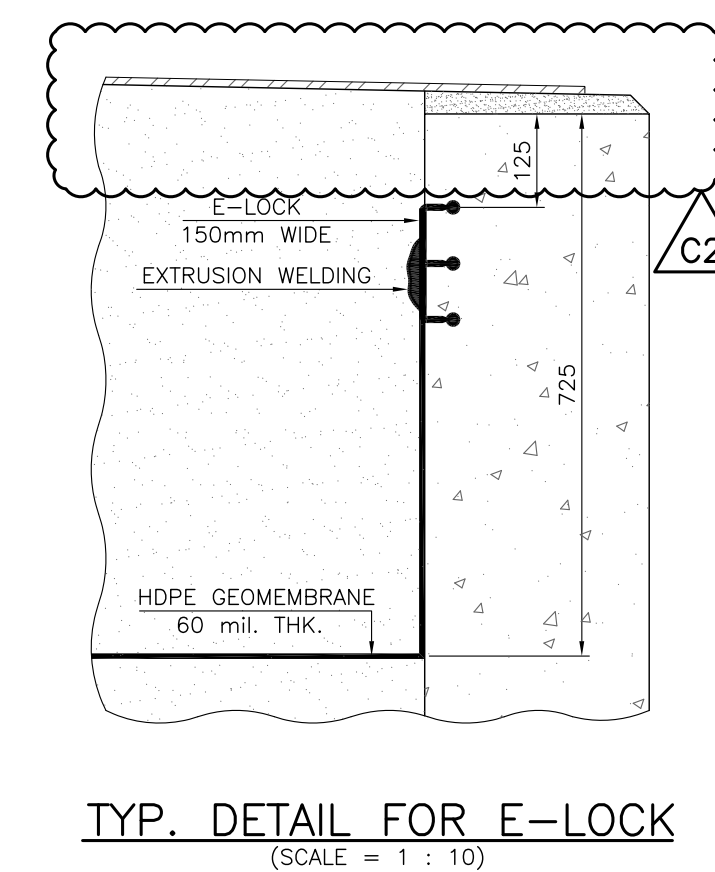
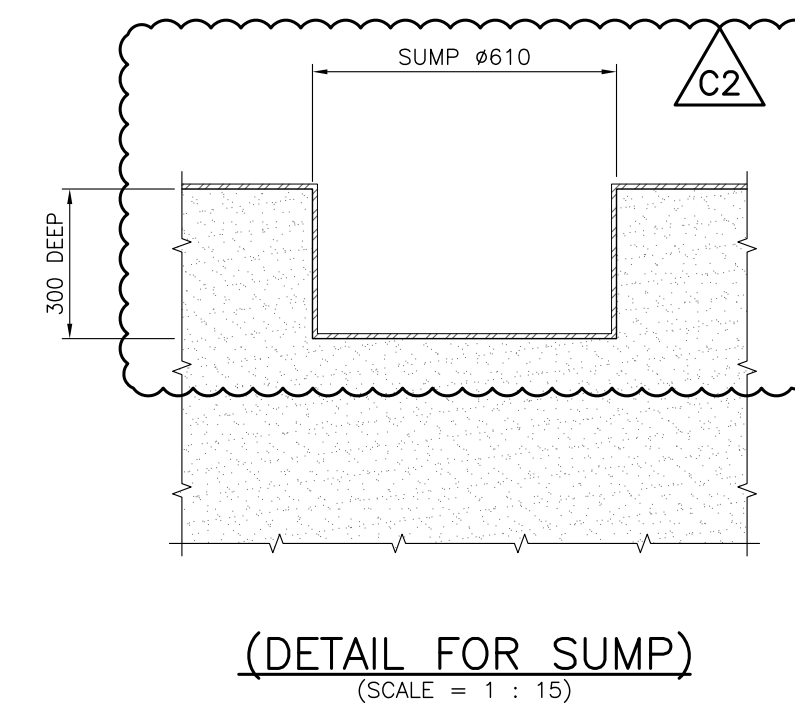


DETAIL-A
(TYP. CROSS SEC. OF RING WALL)
(SCALE = 1 : 20)



FGL. FINISHED GROUND LEVEL.
TYP. TYPICAL.
THK. THICK. / THICKNESS.

01. ALL DIMENSION ARE IN mm., LEVELS AND COORDINATES ARE IN METERS UNLESS OTHERWISE STATED.
02. ORDINARY PORTLAND CEMENT (OPC.) SHALL BE USED FOR CIVIL CONCRETE CONSTRUCTION.
03. ALL STEEL SHOWN IN THIS DRAWING IS DEFORMED STEEL HAVING A MINIMUM YIELD STRENGTH OF 60,000 P.S.I.
04. LAPS IN REINFORCING STEEL SHALL BE STAGGERED & LAP LENGTH SHALL BE 60 TIMES THE DIAMETER OF REINFORCEMENT USED (AS PER LATEST ACI. CODE OF PRACTICE).
05. CONCRETE SHALL DEVELOP 28 DAYS WORKS COMPRESSIVE CUBE STRENGTH OF 3750 P.S.I.
06. PROVIDE 60mm. CLEAR CONCRETE COVER FROM THE MAIN REINFORCEMENT.
07. WELL GRADED (10mm DOWN) SAND MIX, FILL IN LAYERS NOT EXCEEDING 150mm, COMPACTED BY MECHANICAL MEANS AT OPTIMUM MOISTURE CONTENT TO ACHIEVE 95% OF MAXIMUM DRY DENSITY.
08. NOT APPLICABLE.
09. BOTTOM OF EXCAVATION OF TANK FOUNDATION SHALL BE PERFECTLY HORIZONTAL AND FIRMLY COMPACTED WITH MECHANICAL ROLLER TO ACHIEVE 95% COMPACTION AS PER ASTM D-1557 WITH 25mm THK. FINE SAND LAYERS.
10. ALL CONCRETE SURFACE EXPOSED TO EARTH TO BE COATED WITH 1200 MICRON THK. 10/20 GRADE BITUMEN AFTER OI COAT OF PRIMER OR ANY APPROVED EQUIVALENT FROM APPROVED VENDOR/SUPPLIER.
11. SIKAFLEX PRO-3WF OR ANY EQUIVALENT AS JOINT SEALANT APPLIED BETWEEN ANNULAR BASE PLATE AND FOUNDATION AFTER HYDROTESTING.
12. SUITABLE SPACERS AS APPROVED BY ENGINEER/OWNER SHALL BE USED FOR SUPPORTING AND SPACING BARS.
13. NO CONCRETE SHALL BE POURED UNTIL STEEL PLACEMENT HAS BEEN APPROVED BY THE ENGINEER/OWNER.
14. POTABLE WATER SHALL BE USED FOR MIXING AND CURING OF CONCRETE.
15. USE CLASS 1:4:8 FOR LEAN CONCRETE.
16. THE TOP OF RING WALL SHALL BE LEVEL WITHIN. $\pm 3\text{mm}$ IN ANY 9m OF THE CIRCUMFERENCE AND WITHIN $\pm 6\text{mm}$ IN THE TOTAL CIRCUMFERENCE MEASURED FROM THE AVERAGE ELEVATION.
17. THE NUMBER & DIAMETER OF CONDUIT FOR CATHODIC PROTECTION SHALL BE FINALIZED AFTER THE CONSULTATION OF C.P. CONTRACTOR.

C2	19-09-2015	REVISED AS PER C.P. REQUIREMENT	HMS	AO	SMM
C1	01-09-2015	HOLD REMOVED	HMS	AO	SMM
C0	20-08-2015	ISSUED FOR CONSTRUCTION	SDA	AO	SMM
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	CHECKED	APPR.

CLIENT.  **OIL & GAS DEVELOPMENT COMPANY LTD.**
OGDCL HOUSE TOWER-B, FIRST FLOOR F/6/G, BLUE AREA, JINNAH AVENUE ISLAMABAD PAKISTAN
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	<p>Zishan Engineers (Pvt.) Ltd. An ISO 9001-2008 certified company</p> <p>47/F Block 6, PECHS, Karachi-Pakistan Tel: (92-21) 34303046-48, & 34310151-54; Fax: (92-21) 34333430 & 34510156 E-Mail: contact@zishanengineers.com Website: www.zishanengineers.com</p>	<p>DWG. NO. 165-4-C-237</p> <p>REV. C2</p>
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PROJECT : <u>KPD-TAY INTEGRATED DEVELOPMENT</u> PROJECT PHASE-II		JOB NO. 165-4		
TITLE : <u>RING WALL FOUNDATION DETAILS FOR</u> <u>CONDENSATE STORAGE TANK</u> 20000 DIA x 13500 HT		SIZE	SCALE	SHEET
		A1 A3	AS SHOWN	1 OF 1

REFERENCE DRAWINGS	
DESCRIPTION	DWG. NO.
GENERAL PLOT PLAN	164-4-GPP-001
GENERAL ARRANGEMENT FOR CONDENSATE TANK(20m DIA. x13.5m HT)	165-4-MST-001