

- NOTES:**
- ALL DIMENSIONS ARE IN MM. OTHERWISE SHOWN
 - SUMP PITS WERE RE-LOCATED DUE TO INTERFERENCE WITH FOOTINGS AND MAT
 - THIS DRAWING MUST BE READ IN CONJUNCTION WITH APPROVED STRUCTURAL AND ARCHITECTURAL DRAWINGS
 - FOR EXCAVATION LAYOUT AND SURVEY COORDINATES OF SUMP PIT AND GREASE INTERCEPTOR REFER TO DRAWING NO. - CCE-ITCC-CIVL-03
 - FOR 3RD BASEMENT FOUNDATION PLAN REFER TO DRAWING NO. 3015101
 - FOR SCHEDULE OF FOOTINGS, SECTION AND DETAILS REFER TO DRAWING NO. 3015201
 - FOR SCHEDULE OF COLUMN REFER TO DRAWING NO. 3015301, 3015302, 3015303 & 3015304
 - FOR DRAINAGE PILING PLAN AND INVERT ELEVATIONS REFER TO DRG. NO. CCE-ITCC-MP-B-001
 - FOR SUMP PIT AND GREASE INTERCEPTOR EXCAVATION LAYOUT AND SLEEVE INVERT ELEVATIONS REFER TO DRAWING NO. PCS6-HC-1-NE-001-01 TO 04
 - FOR PERFORATED UNDER DRAIN PIPE LAYOUT PLAN REFER TO DRG. NO. CCE-ITCC-MP-B-001
 - SUMP PIT LAYOUT DRAWING MUST BE READ IN CONJUNCTION WITH GROUND FLOOR MANHOLE LAYOUT 301P104
 - FOR DP TRENCH SUMP PIT & GREASE INTERCEPTOR GENERAL LAYOUT REFER TO DRAWING NO. CCE-ITCC-MP-B-001-01
 - FOR DP TRENCH LAYOUT (ZONE 1) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-02
 - FOR DP TRENCH LAYOUT (ZONE 2) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-03
 - FOR DP TRENCH LAYOUT (AREA 2) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-04
 - FOR DP TRENCH LAYOUT (ZONE 4) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-05
 - FOR SUMP PIT DETAIL (01-04) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-06
 - FOR SUMP PIT DETAIL (05-08) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-07
 - FOR SUMP PIT DETAIL (09-12) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-08
 - FOR SUMP PIT DETAIL (13-16) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-09
 - INVERT ELEVATION OF TRENCH = DRAIN PIPE INVERT ELEVATION - 0.15
 - 150 MM CLEAN SAND FILL ALL AROUND THE DRAINAGE PIPE INSIDE THE TRENCH

ABBREVIATIONS:

DP	DRAIN PIPE	DI	DUCTILE IRON
FCCO	FLOOR CLEANOUT	B.O.T	BOTTOM OF TRENCH
PD	PARKING DRAIN	TYP	TYPICAL
IE	INVERT ELEVATION	SSMH	SEWER SEWER MANHOLE
EL	ELEVATION	SPDL	SEWER PIPE DRAINAGE LINE
SPDR	SEWER PIPE DRAINAGE RISER		

LEGENDS:

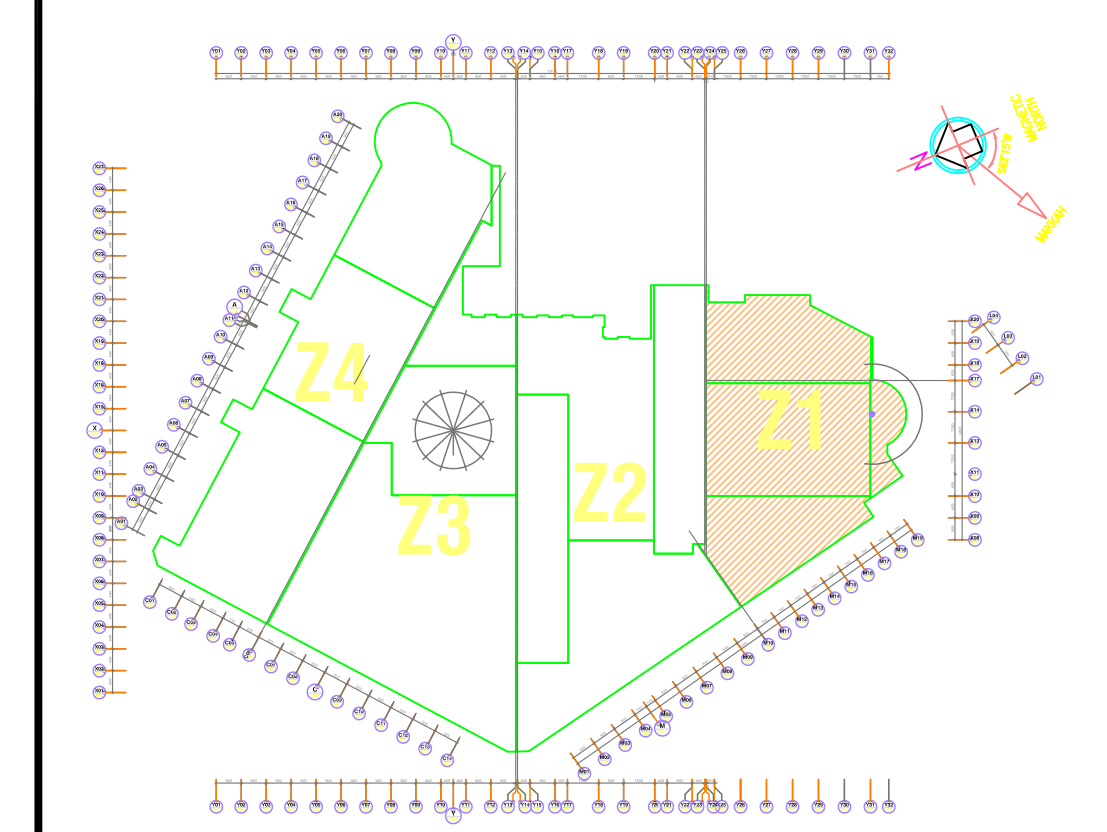
TRENCH 600x45" WITH DRAIN PIPES

FLOW DIRECTION

SUMP PIT ITEM	DESCRIPTION	ITEM	DESCRIPTION
01	SUBMERSIBLE PUMP	08	1000 90° ELBOW
02	SUPPORT BLOCK	09	1000 EQUAL TEE DI
03	LIFT CHAIN	10	1500 SLEEVE
04	CHECK VALVE	11	1000 SLEEVE
05	DI PIPE 1000	12	1000 DI PIPE
06	CHECK VALVE	13	1000 SOCKET DI TO PVC
07	GATE VALVE		

MATERIAL SCHEDULE

DESCRIPTION	MATERIAL
1000 SPDR & SPDL	UPVC SCH 80 GRAY COLOR
1500 VENT PIPE RISER & LINE	UPVC SCH 40 WHITE COLOR
1000 DRAIN PIPE (DP)	UPVC SCH 40 WHITE COLOR
1500 DRAIN PIPE (DP)	UPVC SCH 40 WHITE COLOR
GRAVITY SEWER & WASTE	UPVC SCH 40 WHITE COLOR
1000 PIPE INSIDE SUMP PIT	DUCTILE IRON



REFERENCE DRAWINGS

REFERENCE DRAWING NO.	DRAWING DESCRIPTION
3015101	3RD BASEMENT FOUNDATION PLAN
301P101	3RD BASEMENT FLOOR PLUMBING PLAN

COORDINATION

CONCURRED BY TECHNICAL DEPARTMENT HEAD	MECHANICAL	ELECTRICAL	MECH. HVC	PLUMBING	SURVEYING	COMMISSIONING	CC
CHECKED							
SIGNATURE							

REVISIONS:

REV. NO.	DATE	DESCRIPTION OF CHANGES	DRAWN	CHKD.	APPR.
02	16/02/2010	REVISED AS PER CONSULTANT COMMENTS			
01	23/01/2010	ISSUED FOR APPROVAL			
00	24/12/2009	ISSUED FOR APPROVAL			

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DRAWING TITLE: TRENCH LAYOUT (PARTIAL PLAN-ZONE 1) 3RD BASEMENT DRAINAGE SYSTEM

Drawing Type	Drawing No.	Shr. No.	Rev. No.
MECHANICAL	CCE-ITCC-MP-B-001	02	02

Scale: Drawn By: Signature, Checked By: Signature

AS SHOWN KR KHALED HASSAN

Drawing Status: Issued For Date

SHOP DRAWING APPROVAL Date: 16/02/2010