

TRENCH, SUMP PIT & GREASE INTERCEPTOR GENERAL LAYOUT
3RD BASEMENT DRAINAGE SYSTEM
SCALE=1:400

- NOTES:**
1. ALL DIMENSIONS ARE IN MM, OTHERWISE SHOWN
 2. SUMP PITS WERE RE-LOCATED DUE TO INTERFERENCE WITH FOOTINGS AND MAT
 3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH APPROVED STRUCTURAL AND ARCHITECTURAL DRAWINGS
 4. FOR EXCAVATION LAYOUT AND SURVEY COORDINATES OF SUMP PIT AND GREASE INTERCEPTOR REFER TO DRAWING NO. - CCE-ITCC-CIVL-03
 5. FOR 3RD BASEMENT FOUNDATION PLAN REFER TO DRAWING NO. 3015101
 6. FOR SCHEDULE OF FOOTINGS, SECTION AND DETAILS REFER TO DRAWING NO. 3015101
 7. FOR SCHEDULE OF COLUMN REFER TO DRAWING NO. 3015101, 3015102, 3015103 & 3015104
 8. FOR DRAINAGE PIPING PLAN AND INVERT ELEVATIONS REFER TO DRG. NO. CCE-ITCC-MP-C-001
 9. FOR SUMP PIT AND GREASE INTERCEPTOR EXCAVATION LAYOUT AND SLEEVE INVERT ELEVATIONS REFER TO DRAWING NO. P256-045-14E-001-01 TO 004
 10. FOR PERFORATED UNDER DRAIN PIPE LAYOUT PLAN REFER TO DRG. NO. CCE-ITCC-MP-PP-001
 11. SUMP PIT LAYOUT DRAWING MUST BE READ IN CONJUNCTION WITH GROUND FLOOR MANHOLE LAYOUT 301P184
 12. FOR DP TRENCH, SUMP PIT & GREASE INTERCEPTOR GENERAL LAYOUT REFER TO DRAWING NO. CCE-ITCC-MP-B-001-01
 13. FOR DP TRENCH LAYOUT (ZONE 1) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-02
 14. FOR DP TRENCH LAYOUT (ZONE 2) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-03
 15. FOR DP TRENCH LAYOUT (ZONE 3) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-04
 16. FOR DP TRENCH LAYOUT (ZONE 4) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-05
 17. FOR SUMP PIT DETAIL (07-04) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-06
 18. FOR SUMP PIT DETAIL (08-08) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-07
 19. FOR SUMP PIT DETAIL (09-12) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-08
 20. FOR SUMP PIT DETAIL (13-16) REFER TO DRAWING NO. CCE-ITCC-MP-B-001-09
 21. INVERT ELEVATION OF TRENCH = DRAIN PIPE INVERT ELEVATION - 0.15
 22. 150 MM CLEAR SAND FILL ALL AROUND THE DRAINAGE PIPE INSIDE THE TRENCH

ABBREVIATIONS:

DP	DRAIN PIPE	DI	DUCTILE IRON
FCO	FLOOR CLEANOUT	B.O.T	BOTTOM OF TRENCH
FD	PARKING DRAIN	TYP	TYPICAL
E	INVERT ELEVATION	SSMH	SEWER SERVICES MANHOLE
EL	ELEVATION	SPOD	SEWER PIPE DRAINAGE LINE
SPOR	SEWER PIPE DRAINAGE RISER		

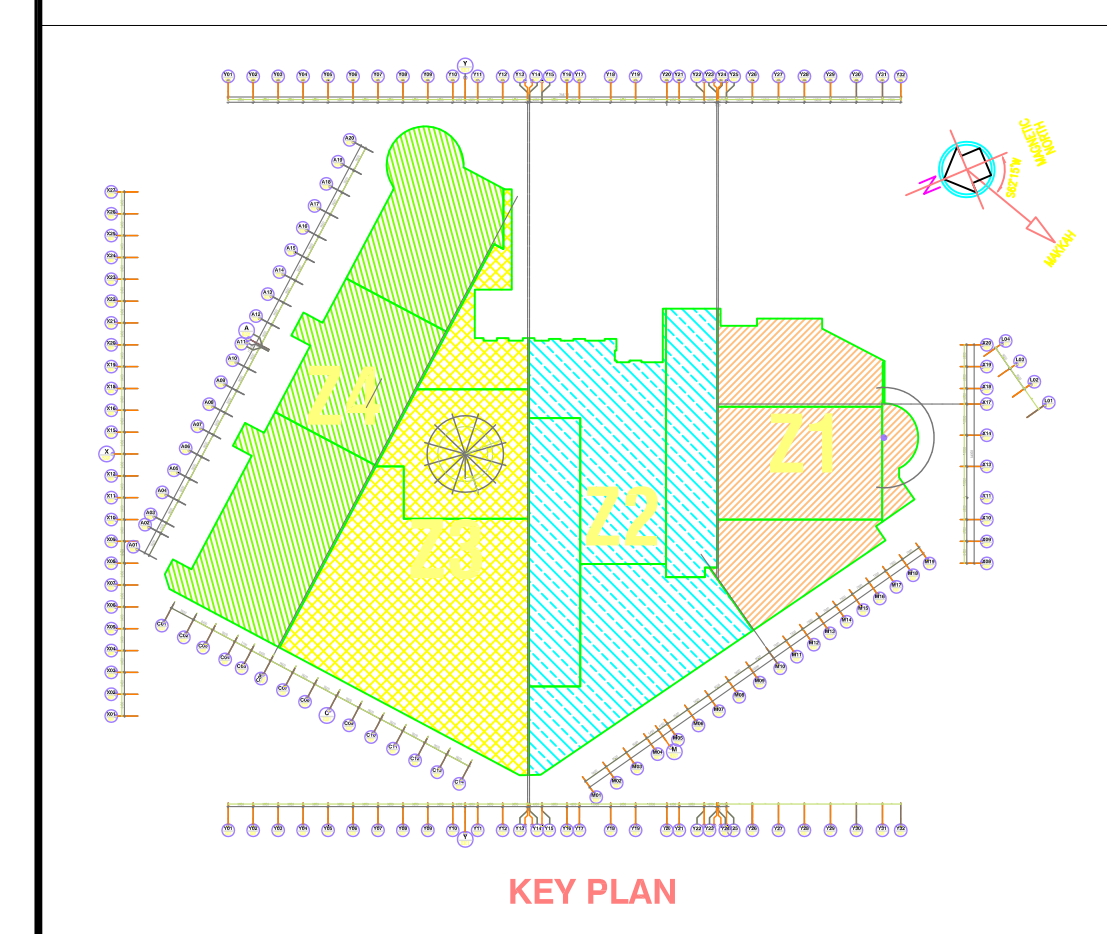
LEGENDS:

TRENCH 600x45" WITH DRAIN PIPE
FLOW DIRECTION

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	GUIDE BAR	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 SPOR & SPK	UPVC SCH 40 GRAY COLOR
750 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	COMMENTS
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, SUMP PIT & GREASE INTERCEPTOR GENERAL LAYOUT
3RD BASEMENT DRAINAGE SYSTEM
MASTER PLAN

Drawing Type	Drawing No.	Shr. No.	Rev. No.
MECHANICAL	CCE-ITCC-MP-B-001	01	02

Scale: AS SHOWN
Drawn By: KR
Checked By: KHALED HASSAN
Drawing Status: Issued For
Date: 16/02/2010