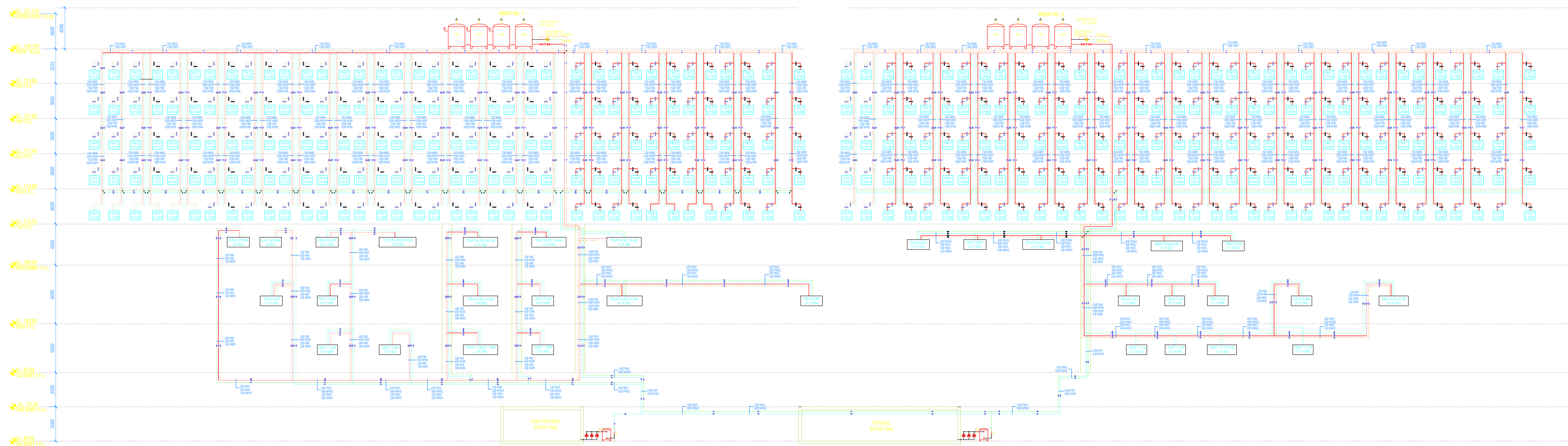


TYP. RISER DIAGRAM OF SEWER, WASTE, DRAIN AND VENT DISTRIBUTION SYSTEM
NTS



TYP. RISER DIAGRAM OF WATER DISTRIBUTION SYSTEM
NTS

- NOTES:**
- 01. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SHOWN
 - 02. ALL PIPE SIZE SHOWN ARE NOMINAL PIPE DIAMETER IN MILLIMETERS
 - 03. FOR 2RD BASEMENT DRAWING REFER TO DRAWING NO. 2015201
 - 04. FOR SCHEDULE OF FOOTINGS, SECTION AND DETAILS REFER TO DRAWING NO. 2015201
 - 05. FOR SCHEDULE OF COLUMN REFER TO DRAWING NO. 2015201, 2015202, 2015203 & 2015204

- LEGENDS & SYMBOLS**
- VENT PIPE
 - SOIL PIPE
 - WASTE PIPE
 - ROOF DRAIN
 - SPUR

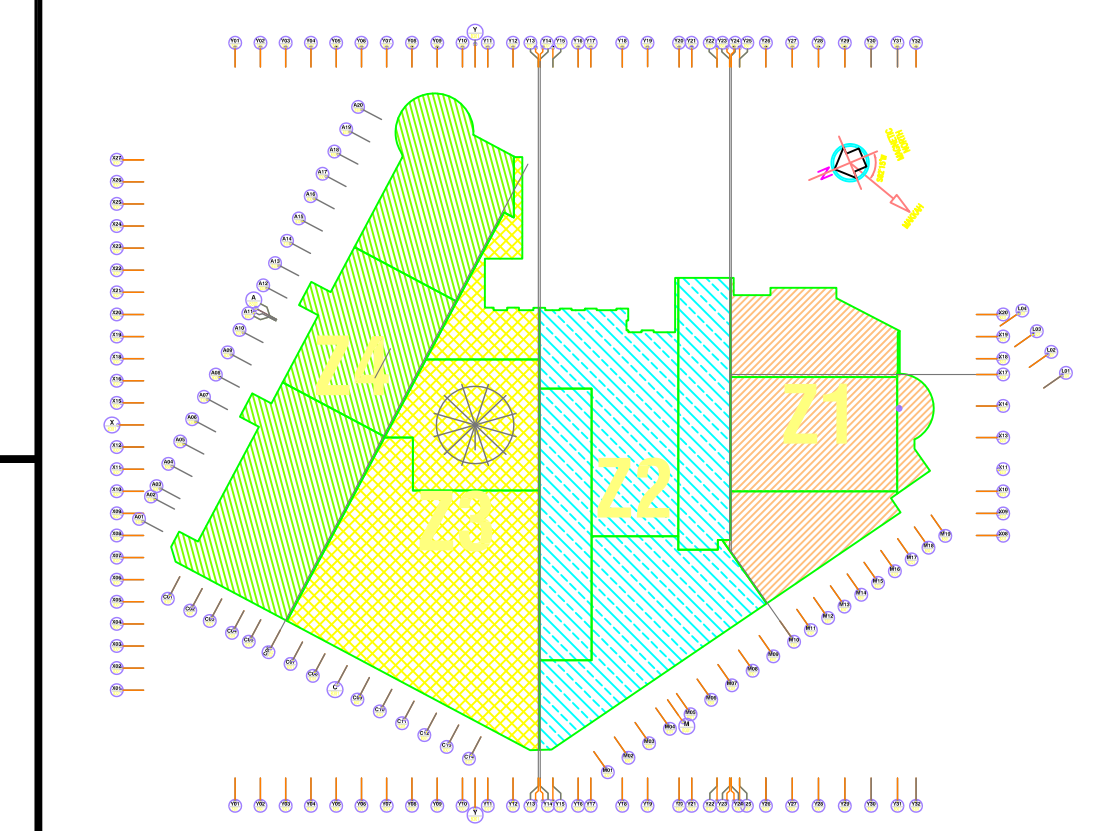
- ABBREVIATIONS:**
- | | | | |
|------|---------------------------|-----|-------------------|
| DP | DRAIN PIPE | NTS | NOT TO SCALE |
| DS | DRAIN STACK | ST | STRAINER |
| RWR | RAIN WATER RISER | STD | STANDARD |
| RWAC | RAIN WATER ABOVE CEILING | TWP | TYPICAL |
| SS | SOIL STACK | WT | WATER |
| SPAC | SOIL PIPE ABOVE CEILING | " | INCH |
| SPDL | SEWER PIPE DRAINAGE LINE | D | DIAMETER |
| SPDR | SEWER PIPE DRAINAGE RISER | AND | AND |
| VPAC | VENT PIPE ABOVE CEILING | C | COILS CENTRIGRARE |
| VS | VENT STACK | @ | AT |
| WPAC | WASTE PIPE ABOVE CEILING | | |
| WS | WASTE STACK | | |
| WWS | KITCHEN WASTE STACK | | |

SUMP PIT TO SSMH

SUMP PIT	DISCHARGE	SUMP PIT	DISCHARGE
01	SPLASH TO DAYLIGHT	09	SPLASH TO DAYLIGHT
02	SPLASH TO DAYLIGHT	10	SSMH - 04
03	SPLASH TO DAYLIGHT	11	SSMH - 12
04	SSMH - 18	12	SSMH - 18
05	SSMH - 18	13	SSMH - 14
06	SPLASH TO DAYLIGHT	14	SSMH - 08
07	SPLASH TO DAYLIGHT	15	SSMH - 05
08	SPLASH TO DAYLIGHT	16	SSMH - 01

LIFT STATION SCHEDULE

LIFT STATION	LENGTH (MM)	WIDTH (MM)	DEPTH (MM)	FLOW LITERS/SEC	PUMP CAPACITY(EACH)
1	3000	3000	2500	21.10	1.50
2	3000	3000	2500	21.10	1.50
3	3000	3000	2500	21.10	1.50
4	1250	1250	2500	6.30	2.00
5	1250	1250	2500	6.30	2.00
6	3000	3000	2500	21.10	1.50
7	3500	3500	2500	31.54	1.50
8	1500	1500	2500	15.77	1.50
9	1500	1500	2500	15.77	1.50
10	1250	1250	2500	14.20	1.50
11	1250	1250	2500	3.47	1.50
12	1300	1300	2500	14.00	2.00
13	1250	1250	2500	17.77	1.50
14	1300	1300	2500	12.27	1.50
15	1250	1250	2500	0.26	2.00
16	1250	1250	2500	9.80	1.50
17	1500	1500	2500	16.4	1.20



KEY PLAN

REFERENCE DRAWINGS

REFERENCE DRAWING NO.	DRAWING DESCRIPTION

COORDINATION

CHECKED	ARCHITECTURAL	STRUCTURAL	ELECTRICAL	Mech. Hvac	PLUMBING	SURVING	COMMUNICATION	CC

REVISIONS

Rev. No.	Date	Description of Changes	Draw	Chkd.	Appr.
00	00/00/0000	ISSUED FOR APPROVAL			

PROJECT TITLE
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DRAWING TITLE
RISER DIAGRAM OF SEWER, WASTE, VENT & WATER DISTRIBUTION SYSTEM

Drawing Type	Drawing No.	SHR. No.	Rev. No.
MECHANICAL	PC59-HC.1-ME-001	01	00

Scale: Drawn By: Signature: Checked By: Signature

AS SHOWN: KR, KHALED HASSAN

Drawing Status: Issued For: Date

SHOP DRAWING: APPROVAL, 06/04/2010