

**DRAWING NUMBERING KEY**

**SHOP DRAWING**  
**MC02 - A - 0000**

BLDG. REF. \_\_\_\_\_ LAYOUT NUMBER \_\_\_\_\_  
DISCIPLINE \_\_\_\_\_

**NOTES:-**

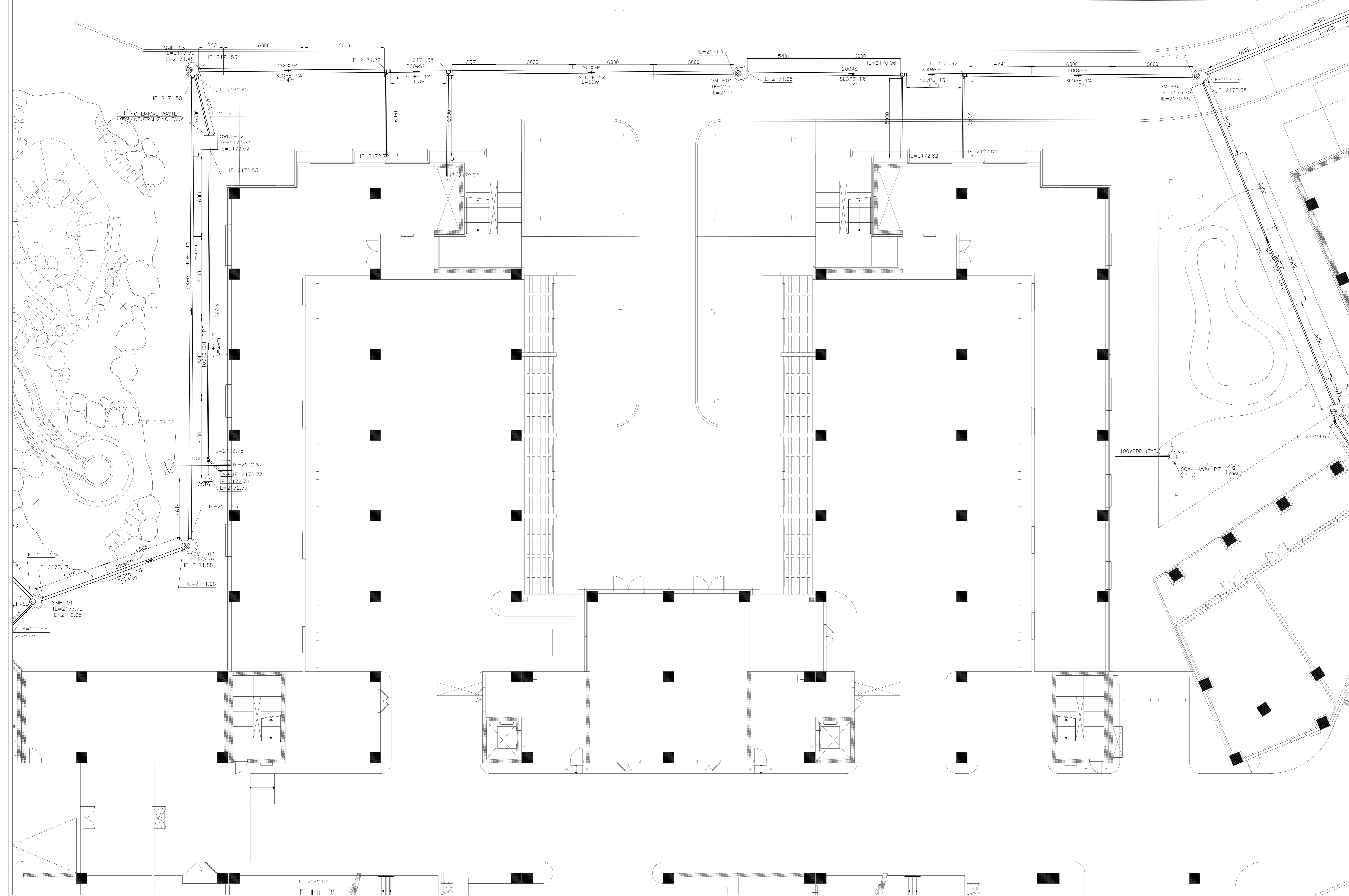
- FOR LEGEND, ABBREVIATION AND DETAILS INSTALLATION REFER TO DWG (GP001-GP003).
- EXACT ROUTE AND LOCATION OF EACH PIPELINE SHALL BE DETERMINED IN COORDINATION WITH OTHER TRADES PRIOR TO INSTALLATION.
- BOTTOM LEVEL OF THE PIPE MEASURED FROM TOP ELEVATION (+00.00).
- FOR ALL SITE WORKS DETAILS, MATERIAL AND EQUIPMENT MUST BE AS SUPPLIER APPROVED AND DETAILED BOQ.
- ALL SHOP DRAWING WORKS IS ACCORDING TO AVAILABLE AND APPROVED DESIGN AND ANY MISSING INFORMATION REFER TO APPROVED DESIGN.
- ALL PIPES INSTALLATION STANDARD DETAILS MUST BE APPLIED AND FOLLOWED DURING INSTALLATION WORKS ACCORDING TO APPROVED MANUFACTURER OR SUPPLIER.
- ALL LOCATION E&N MUST BE AS PER APPROVED COORDINATE ACCORDING TO APPROVED DESIGNED SERVICE TUNNEL DETAILS.
- ALL SITE WORKS ROUTING, LEVELS...ETC IS ACCORDING TO APPROVED DESIGN.
- FOR SITE SETTING OUT AND GRADING LEVEL AT PARKING LEVEL REFER TO DWG. MC03-XC-01.
- FOR SEWAGE SERVICES SHOP DRAWING REFER TO DWG'S MC06-GP-02, MC06-XP-11.1, MC06-XP-11.1A, MC03-XC-01 AND MC03-CSD-801-805 (E&M).
- UNLESS OTHERWISE INDICATED ALL DIMENSIONS, COORDINATES AND ELEVATIONS ARE IN METERS.
- NORTHING AND EASTING COORDINATES ARE BASED ON MAGNETIC NORTH.
- FOR POINT COORDINATES REFER TO DWG (XC-PNT).
- FOR GRADING LEVEL REFER TO DWG (MC03-XC-01).
- FOR GRADING LEVEL REFER TO DWG (MC06-GP-02).
- FOR GRADING LEVEL REFER TO DWG (MC06-XP-11.1).
- FOR GRADING LEVEL REFER TO DWG (MC06-XP-11.1A).
- FOR GRADING LEVEL REFER TO DWG (MC03-CSD-801-805).
- FOR GRADING LEVEL REFER TO DWG (MC03-XC-01).

**LEGEND**

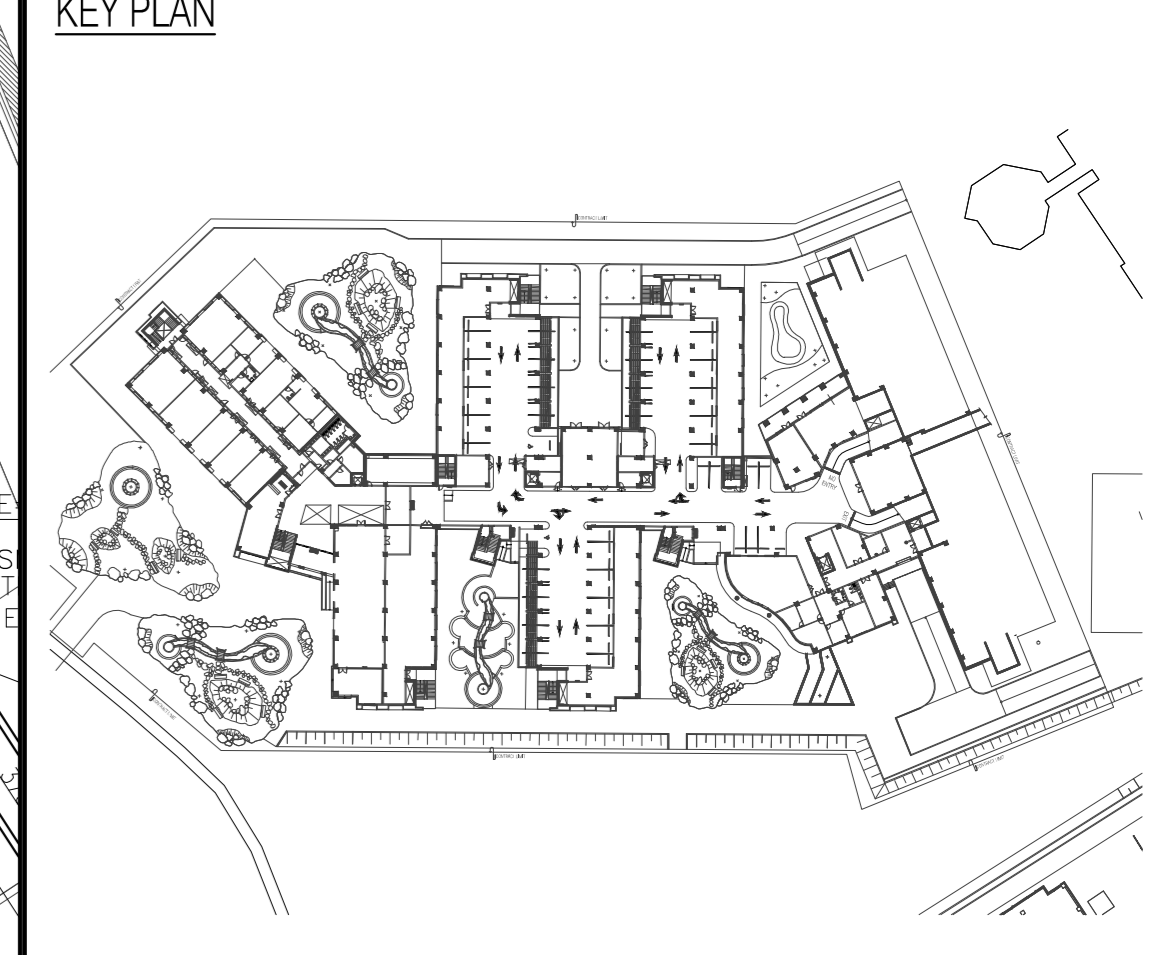
- SEWER MANHOLE/WASTE MANHOLE
- SOAK-AWAY PIT
- LIFT STATION
- CHEMICAL WASTE NEUTRALIZING TANK

SMH#	LEVEL		DEPTH	COORDINATE	
	TE	IE		X	Y
SMH-01	2174.00	2172.16	1.84	257840372	2001577997
SMH-02	2174.00	2172.02	1.98	257931962	2001582440
SMH-03	2174.00	2171.66	2.34	257953056	2001617603
SMH-04	2174.00	2171.24	2.76	257899231	2001617344
SMH-05	2174.00	2170.89	3.11	257927119	2001617129
SMH-06	2174.00	2172.19	1.81	257812287	2001558047
SMH-07	2174.00	2172.08	1.92	257809411	2001547546
SMH-08	2174.00	2171.87	2.13	257829435	2001542063
SMH-09	2174.00	2171.59	2.41	257829356	2001514051
SMH-10	2174.00	2171.31	2.69	257856365	2001513877
SMH-11	2174.00	2170.91	3.09	257896356	2001513621
SMH-12	2174.00	2172.01	1.99	257913801	2001548994
SMH-13	2174.00	2171.76	2.24	257933189	2001526904
SMH-14	2174.00	2172.07	1.93	257961484	2001538419
SMH-15	2174.00	2172.62	1.38	257937265	2001592251
SMH-16	2174.00	2171.68	2.32	257856431	2001550824
CWNT-01	2174.00	2172.4	1.60	257822426	2001596183
CWNT-02	2174.00	2172.51	1.49	257853319	2001612303
CWNT-03	2174.00	2172.22	1.78	257810323	2001560052
CWNT-04	2174.00	2172.55	1.45	257830926	2001532483
CWNT-05	2174.00	2171.78	2.22	257933192	2001528476

CONTRACT LIMIT



NO.	DATE	CAD BY	CHKD.	REVISIONS	STATUS	DATE
1	24/11/2012				FOR APPROVAL	
2	24/11/2012				FOR APPROVAL	



**BLDG REF. MC03**

CONSULTANTS :

**NAMAA Consult**  
"INNOVATIVE INTEGRATION"

**SHOP DRAWING**

DESIGN REF. NO.: **XP-01**  
SD REF. NO.: **MC03-XP-P11**  
DRAWING TITLE: **EXTERNAL WORK DRAWINGS  
PARKING LEVEL SEWAGE  
PART 3**

ARCH	CIVIL/STRUCT.	ELECT.	MECH.	ENGG. MGR.	DATE
					24/11/2012
SCALE					1:100
TRANSMITTAL NO. MC03-				DWG. NO. MC03-XP-P11.03	REV. NO. 1