

GENERAL NOTES:

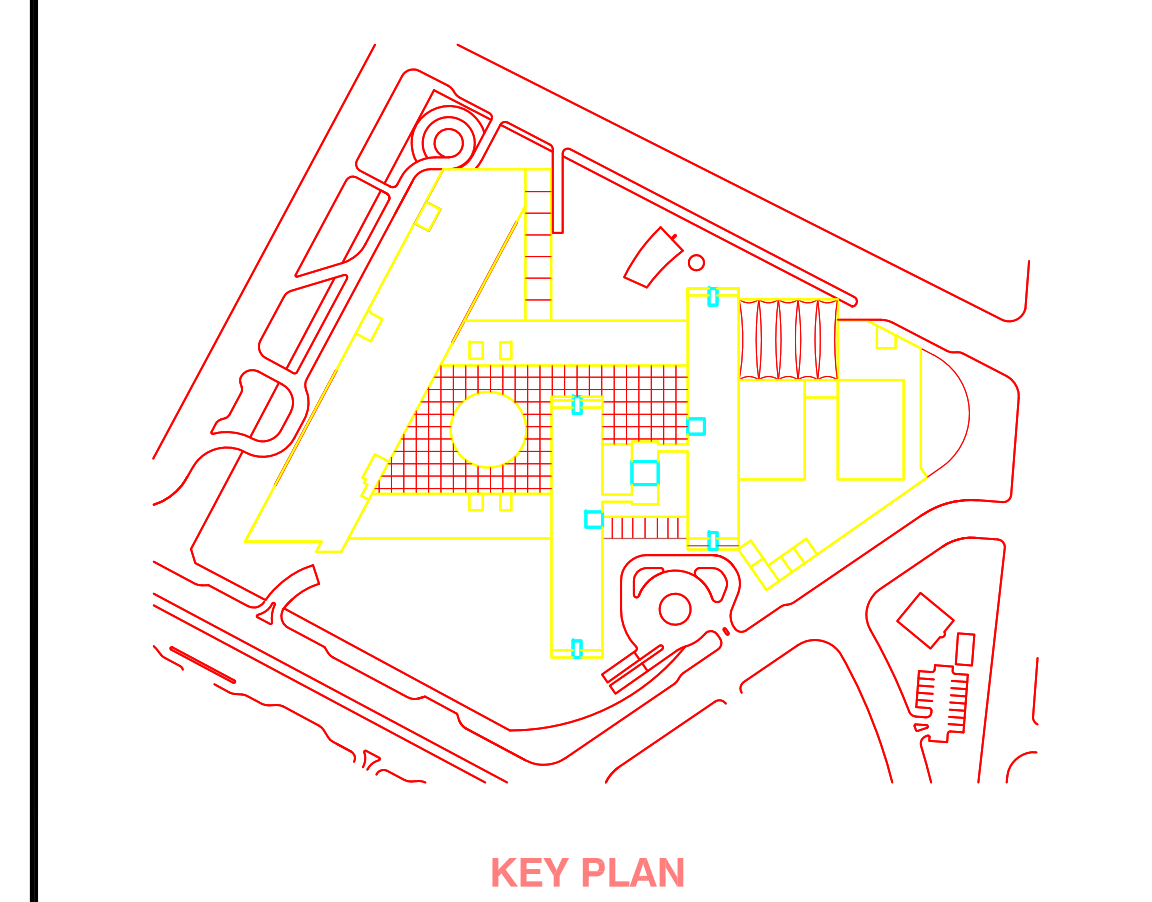
- ALL PLUMBING INSTALLATIONS SHALL CONFORM WITH UNIFORM PLUMBING CODE (UPC), LATEST EDITION.
- ALL PIPE SIZE SHOWN ARE NOMINAL PIPE DIAMETER IN MM.
- REFER TO SITE SANITARY UTILITIES PLAN FOR INTERFACE CONNECTION OF PROPOSED BUILDING PIPING UTILITIES.
- ALL PIPE PENETRATION THROUGH ROOF AND EXTERIOR WALLS SHALL BE FULLY WATERPROOFED.
- ALL PIPES CROSSING PAVED AREAS SHALL BE SLEEVED WITH SCHEDULE 40 PVC PIPE OF SIZE DOUBLE THE PIPE DIA.

LEGENDS:

- DRAIN PIPE
- WASTE PIPE
- SOIL PIPE
- VENT PIPE

ABBREVIATIONS AND SYMBOLS:

- CO CLEANOUT
- DP DRAIN PIPE
- DN DOWN
- FCO FLOOR CLEANOUT
- FD FLOOR DRAIN
- GW GREY WATER
- HL HIGH LEVEL
- IE INVERT ELEVATION
- PD PARKING DRAIN
- S SLOPE
- SP SOIL PIPE
- SS SOIL STACK
- SPDR SEWER PIPE DRAINAGE RISER
- SPDL SEWER PIPE DRAINAGE LINE
- VAC VENT PIPE ABOVE CEILING
- VP VENT PIPE
- VS VENT STACK
- WP WASTE PIPE
- WCO WALL CLEANOUT
- WS WASTE STACK
- & AND
- @ AT
- PIPE CROSS SECTION/ CUT PIPE
- PARKING DRAIN
- FLOOR CLEANOUT
- 45° WYE
- 45° ELBOW (FRONT)
- 90° ELBOW (FRONT)
- 90° ELBOW (TOP)
- 90° ELBOW (BOTTOM)
- COUPLING
- CONCENTRIC REDUCER



REFERENCE DRAWINGS

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

COORDINATION

CONCORDED BY	TECHNICAL DEPARTMENT HEAD
CHECKED	MECHANICAL STRUCTURAL ELECTRICAL MECH. H.A.C. PLUMBING SURVEYING COMMUNICATION O.C.
SIGNATURE	

PROJECT TITLE

Rev. No.	Date	Description of Changes	Draw	Chkd.	Appr.
01	23/01/10	ISSUED FOR APPROVAL AS PER PK-02-M-002			
00	24/12/09	ISSUED FOR APPROVAL			

INFORMATION TECHNOLOGY AND COMMUNICATION COMPLEX CONVENTION HOTEL, PACKAGE-II RYADAH - KINGDOM OF SAUDI ARABIA

CLIENT
Rayadah Investment Company
Post Box: 58550, Riyadh, 11564
Tel: 01-2059911, Fax: 01-2059922
E-mail: info@raid.com.sa

PROJECT MANAGER
HammiParsons Co.Ltd.
9th Fl. City Air Tower Bldg,
159-9, Samsung-dong, Kangnam-gu
Seoul Korea 135-873
Tel: 822-3429-6352
Fax: 822-3429-6363/4
WWW: hammi-parsons.com

DESIGN/CONSULTANT
CCE
Kingdom of Saudi Arabia
Tel: (01) 416-1122, 464-2991, Fax: (01) 416-1988,
Email: cce@ccea.com

MAIN CONTRACTOR
CONTRACTING & CONSTRUCTION ENTERPRISES LTD.
P.O.Box: 250991
Riyadh 11591
Kingdom of Saudi Arabia
Tel: (01) 416-1122, 464-2991, Fax: (01) 416-1988,
Email: cce@ccea.com

DRAWING TITLE
3RD BASEMENT DRAINAGE SYSTEM
TYPICAL PIPING DETAILS AND
INVERT ELEVATION FOR DRAINAGE PIPES

Drawing Type	Drawing No.	Sht. No.	Rev. No.	
MECHANICAL	CCE-ITCC-MP-D-001	6 OF 6	01	
Scale	Drawn By	Signature	Checked By	Signature
AS SHOWN	K.R.		K.H.	
Drawing Status	Issued For	Date		
SHOP DRAWING	APPROVAL	23/01/2010		

INVERT ELEVATION FOR DRAINAGE PIPES

SUMP PIT-01	SUMP PIT-02	SUMP PIT-03	SUMP PIT-04	SUMP PIT-05	SUMP PIT-06	SUMP PIT-07																																																																																																																																																																																																																																																																							
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