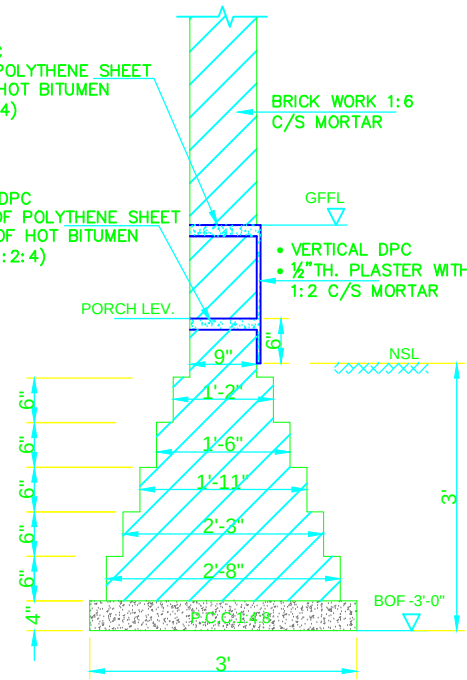
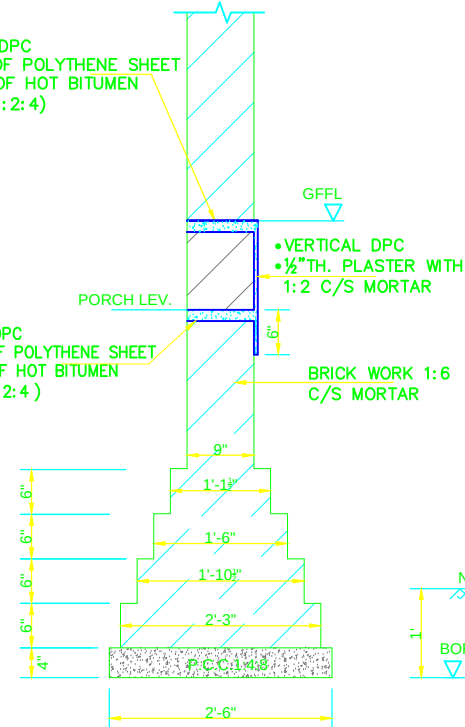


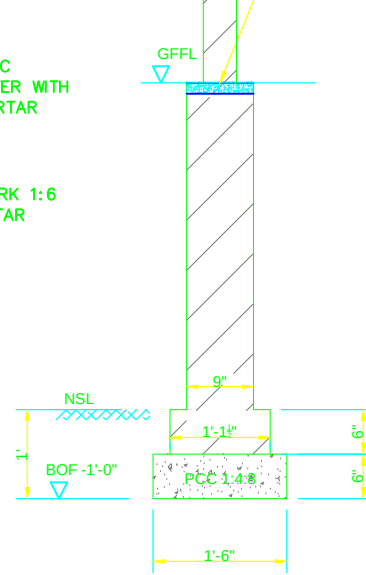
- HORIZONTAL DPC
- ONE LAYER OF POLYTHENE SHEET
- TWO COATS OF HOT BITUMEN
- 1½" TH. (PCC 1:2:4)



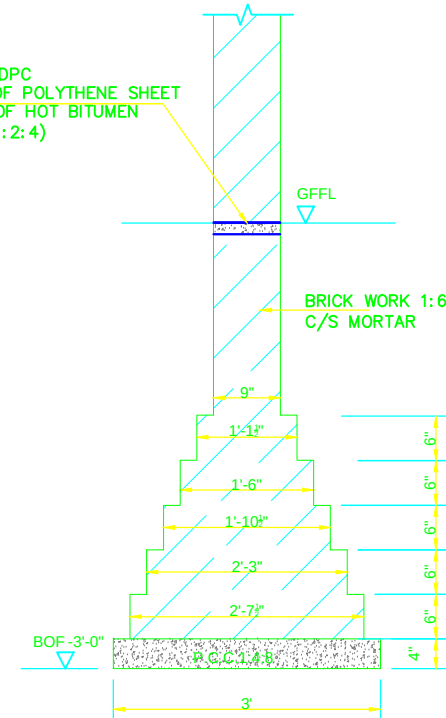
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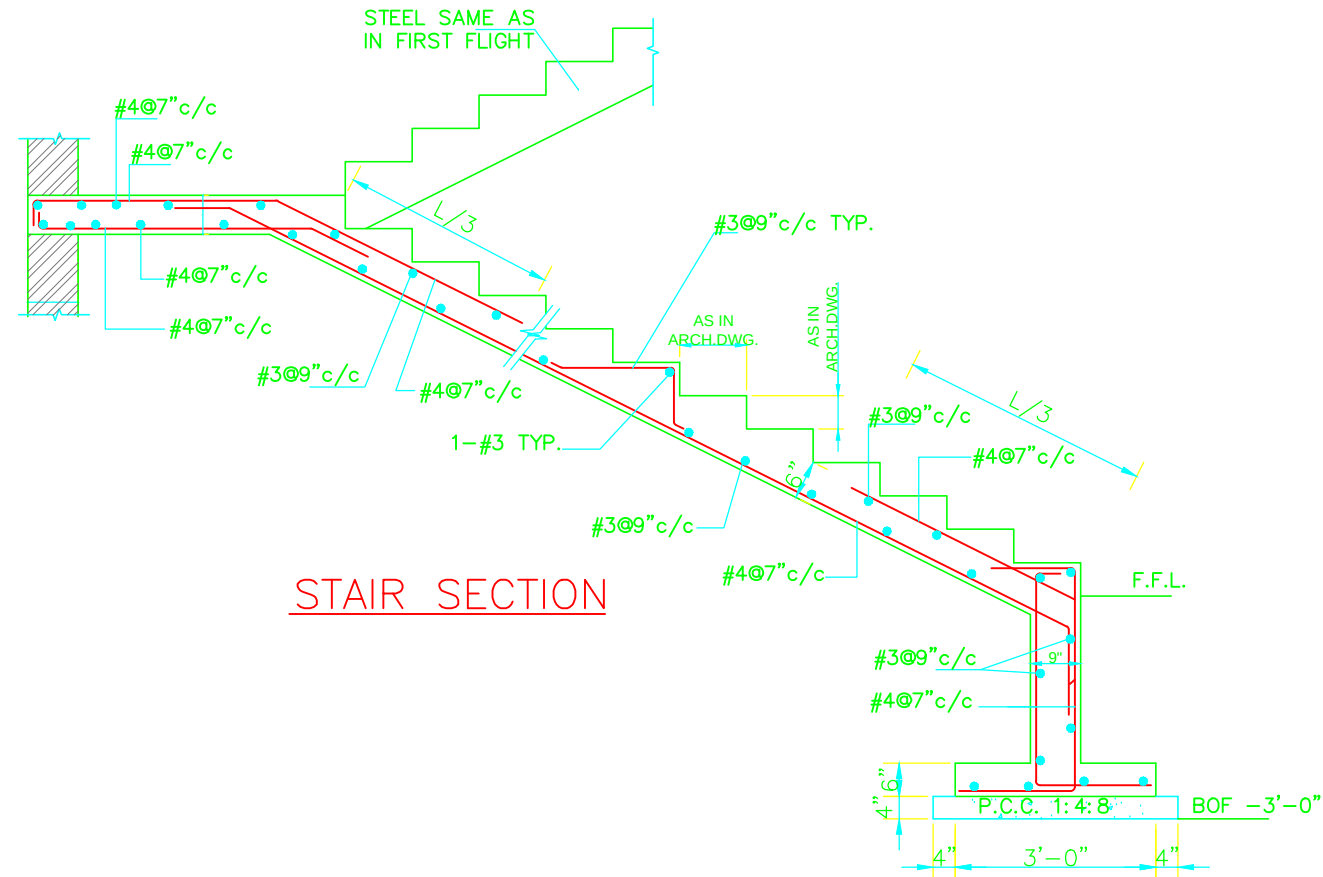
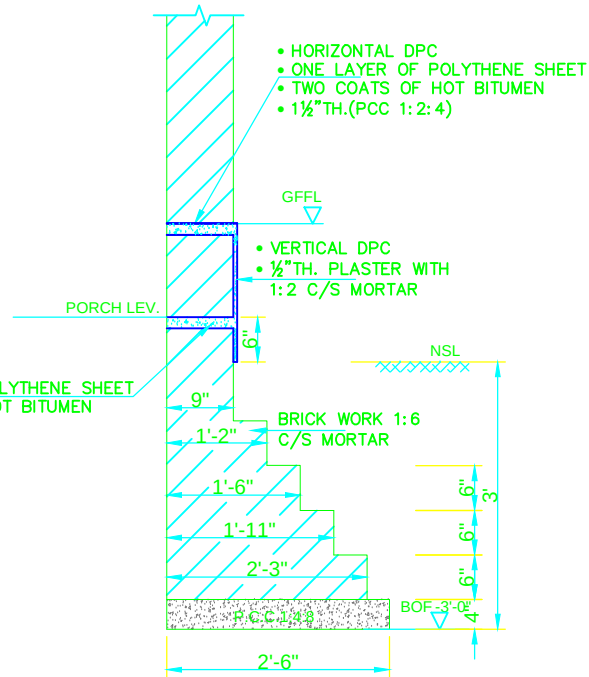
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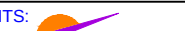


GENERAL NOTES:

- THESE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
- ALL EXCAVATED SURFACES SHOULD BE TERMITE PROOFED.
- THE FOUNDATION SHOULD BE PLACED ON FIRM COMPACTED STRATA AT RECOMMENDED DEPTH. THE LOOSE SOIL IF ENCOUNTERED SHOULD BE REPLACED WITH 6" THICK COMPACTED SAND LAYER.
- USE GRADE 60 HOT ROLLED DEFORMED STEEL (ASTM A615:2002)
- USE PORTLAND CEMENT CONCRETE
 - MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF CONCRETE FOR STRUCTURAL MEMBERS SHOULD BE AS UNDER:

STRUCTURAL MEMBER	28 DAYS CONCRETE CYLINDER STRENGTH	REMARKS
COLUMNS / WATER TANK	4000 psi	USE SIZE / GRADATION OF AGGREGATES & ADMIXTURE (IF REQUIRED) AS PER MIX DESIGN
PCC UNDER FOOTING	1500 psi	
BEAMS / SLABS	3000 psi	

- WATER REDUCING AGENT (SUPERPLASTICIZER) SHOULD BE USED TO CONTROL WATER CEMENT RATIO AND TO OBTAIN REQUIRED STRENGTH AS PER MIX DESIGN.
 - USE WELL GRADED SARGODHA PURE CRUSH AS PER APPROVED CONCRETE MIX DESIGN.
 - USE LAWRENCEPUR & CHENAB SAND (50:50) RATIO FOR ALL STRUCTURAL CONCRETE WORKS.
- PROVIDE MIN. COVER TO THE MAIN STEEL.
 - ¾" FOR SLABS
 - 1½" FOR BEAMS & COLUMNS.
 - 3" FOR FOUNDATIONS. IN CONTACT WITH EARTH.
 - 2" FOR FACE OF CONC. IN CONTACT WITH WATER.
 - ALL LAP LENGTH SHOULD BE 50 X DIA OF BARS UPTO #5 BAR & 60 X DIA FOR #6 AND ABOVE.
 - PROVIDE HANGAR BARS #3@12"C/C IN ADDITION TO STEEL CHAIRS TO SUPPORT THE TOP STEEL OF SLAB.
 - SLAB THICKNESS IS AS MENTIONED.
 - TOP BARS IN SLABS AT SUPPORTS TO BE CURTAILED AT L/3 OF SPAN AT INTERIOR SUPPORTS & L/4 OF SPAN AT EXTERIOR SUPPORTS. BOTTOM BARS AT INTERIOR SUPPORTS TO BE CURTAILED AT L/8 OF SPAN (ALTERNATELY).
 - INGRESS OF WATER INTO FOUNDATIONS SHALL BE AVOIDED.
 - MINIMUM BEARING FOR LINTELS ON WALL IS 9".
 - LAPS SHALL BE STAGGERED IF NOT DETAILED IN DRAWINGS.
 - DEVELOPMENT LENGTH SHOULD BE 18 X DIA OF BAR.

CLIENT: G.C UNIVERSITY OF FAISALABAD	PROJECT: 10 MARLA RESIDENCE WORKING PLANS	CONSULTANTS:  TALAT JAVED ASSOCIATES ARCHITECTURE, INTERIOR DESIGN, PROJECT EVALUATION & CONSTRUCTION MANAGEMENT. 219/B PCSIR Housing Society Phase -I Lahore. Phones: 5420917, Fax: (042) 5420917 E-mail: tjavedassociate@yahoo.com	REVISION			ENGINEER	WAQAS	TITLE FOUNDATIONS, STAIRS & GENERAL NOTES		SCALE N.T.S
			04			DRAWN	NAVEED			
			03							
			02			CHD./VER.				
			01			STATUS				
								DATE: JUNE, 2020	DWG. NO. ST-03	