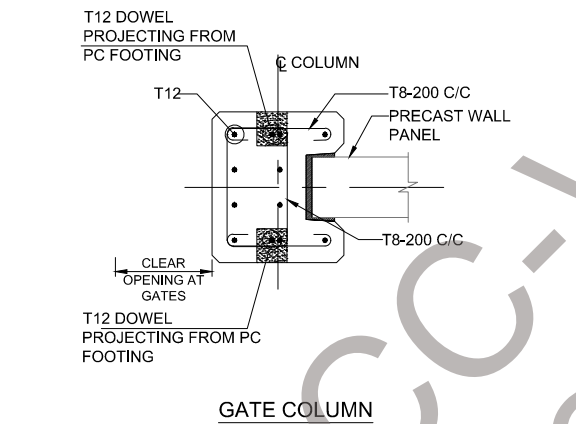
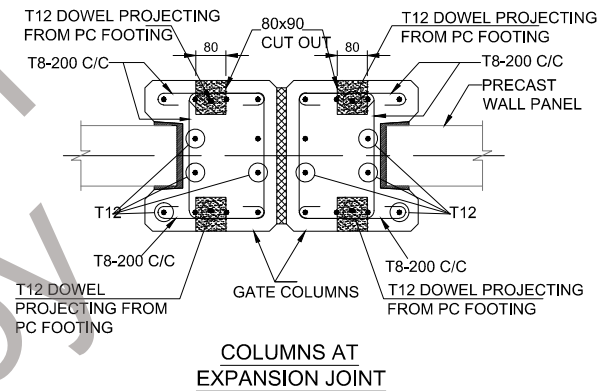


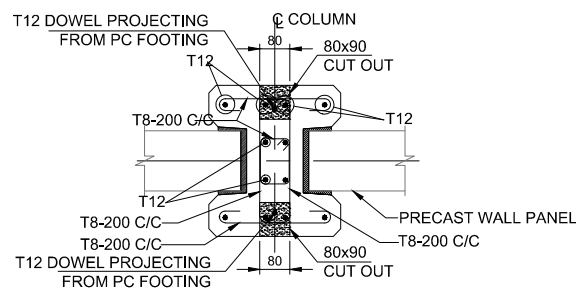
TYPICAL PRECAST FOOTING REINFORCEMENT DETAIL
1 : 15



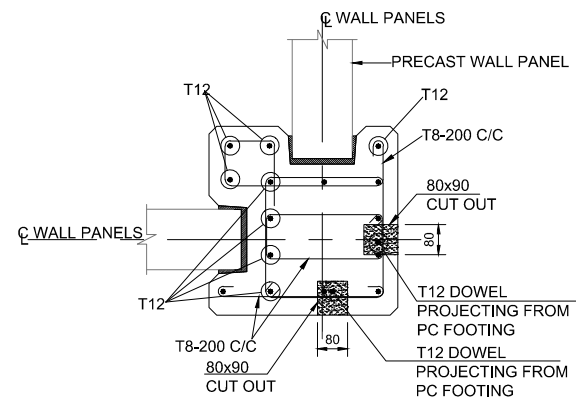
GATE COLUMN



COLUMNS AT EXPANSION JOINT



INTERMEDIATE COLUMN



CORNER COLUMN

PRECAST COLUMN REINFORCEMENT DETAILS

- NOTES:**
THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 2. MINIMUM CONCRETE COVER TO REINFORCEMENT TO BE AS FOLLOWS :
BASE SLAB AND WALL (EXTERNAL) = 75mm
BASE SLAB AND WALL (INTERNAL) = 50mm
COLUMNS = 40mm
 3. ALL REINFORCEMENT SHALL CONFORM TO ASTM A615.
 4. ALL LAPS SHALL BE IN ACCORDANCE WITH ACI 318.
 5. REINFORCEMENT TO BE DISPLACED ON SITE TO AVOID SMALL DIAMETER PIPEWORK.
 6. ALL BELOW GROUND CONCRETE TO BE TANKED REFER TO STANDARD DRAWING No. 801.
 7. ALL REINFORCEMENT TO BE EPOXY COATED.

LEGEND:
----- BOTTOM / FAR FACE BAR

REINFORCEMENT

TOTAL No. OF BARS
TYPE OF STEEL
BAR DIAMETER

12 T16 24-150 EF
BAR LOCATION/S*
CENTRES OF BARS
BAR MARK

*** BAR LOCATIONS**
T TOP
B BOTTOM
NF NEAR FACE
FF FAR FACE
EF EACH FACE
EW EACH WAY

REFERENCE DRAWINGS AND DOCUMENTS			
515 - TYPICAL DRAWING PRECAST BOUNDARY WALL DETAILS SHEET 1 OF 2			
516 - TYPICAL DRAWING PRECAST BOUNDARY WALL DETAILS SHEET 2 OF 2			

No.	REVISIONS	APP'D	DATE

TITLE
STANDARD DRAWINGS
STORM WATER WORKS

DRAWING TITLE
STANDARD REINFORCEMENT DETAILS
OF PRECAST COLUMNS AND FOOTING
FOR PRECAST BOUNDARY WALL

DRAWN	-	SCALE	1:25
CHECKED	-	DATE	-
APPROVED	-	SIZE	A1
PROJECT No.	-	DWG. No.	1023