

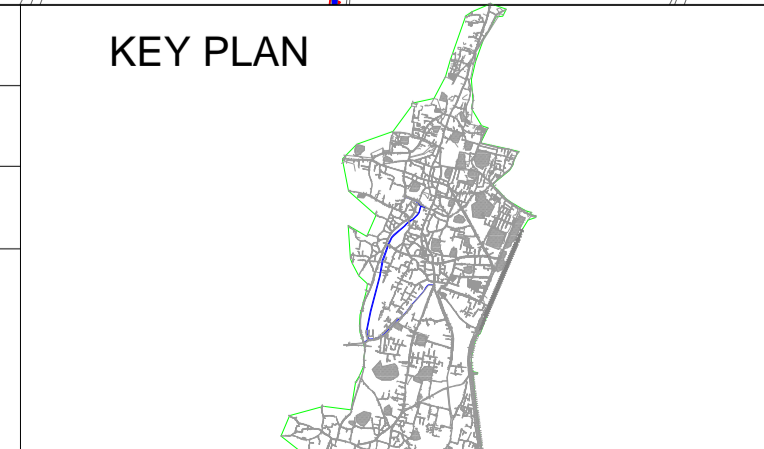
Project:-
**INTEGRATED DRAINAGE SYSTEM
 FOR MADHUBANI TOWN
 BIHAR**

Client:-
**BIHAR URBAN INFRASTRUCTURE
 DEVELOPMENT CORPORATION**
 Drawing Title :-
**CONTOUR PLAN
 MADHUBANI TOWN (BIHAR)**

CONSULTANTS :-
RUDRABHISHEK ENTERPRISES PVT. LTD.
 820, ANTRIKSH BHAWAN, 22, K.G.MARG
 NEW DELHI-110001.
 PH. - 011-41069500
 email id-info@replurbanplanners.com
 www.replurbanplanners.com

CHECKED BY:-
 DEALT BY :- NAVIN KUMAR
 SHEET. NO:- 1/2

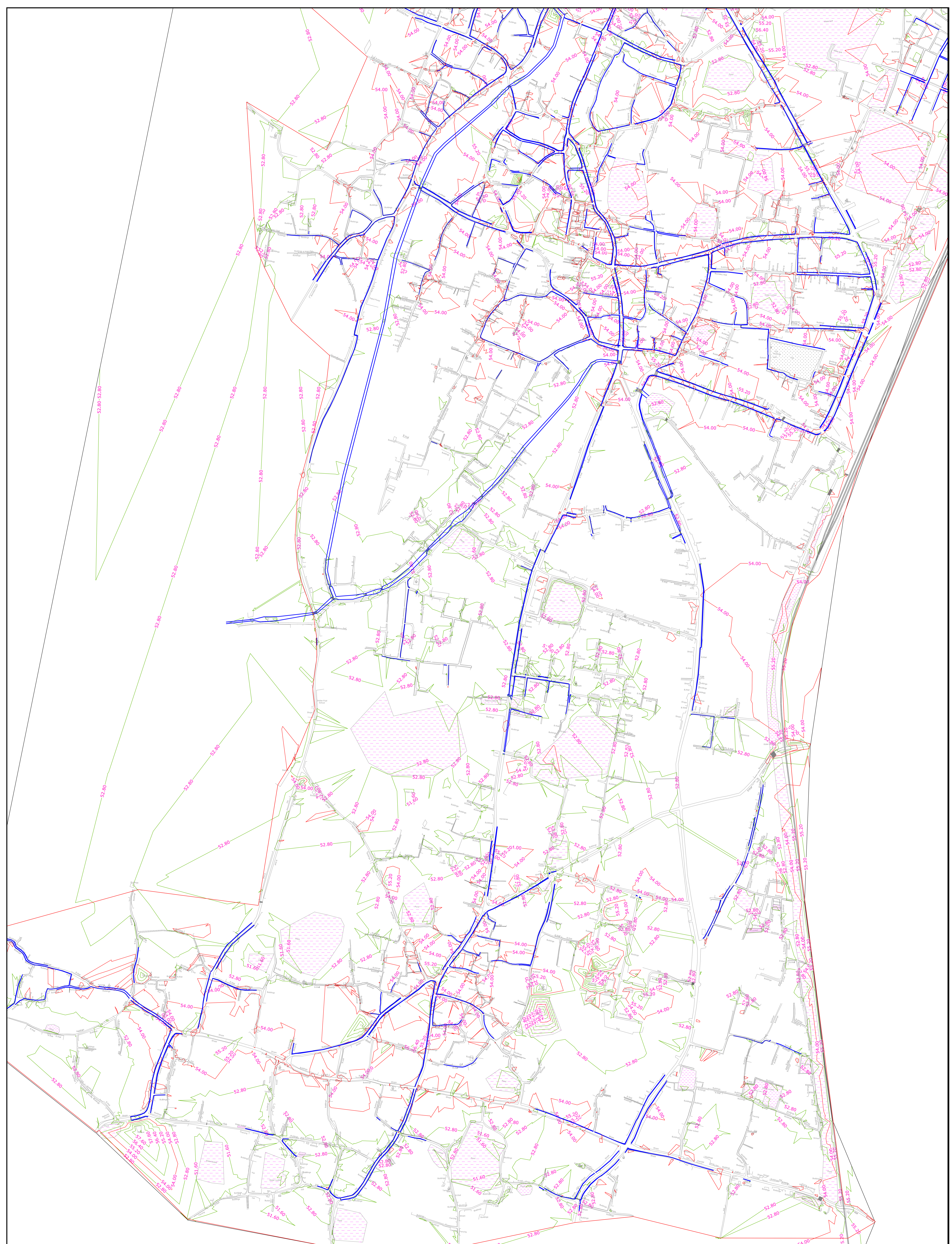
SCALE	REVISION	DATE	NORTH:-
NTS		MAY 2014	



Legend:-
 EXISTING DRAIN
 EXISTING WATER BODY

OWNER'S SIGN.

ARCHITECTS/
 TOWN PLANNER SIGN

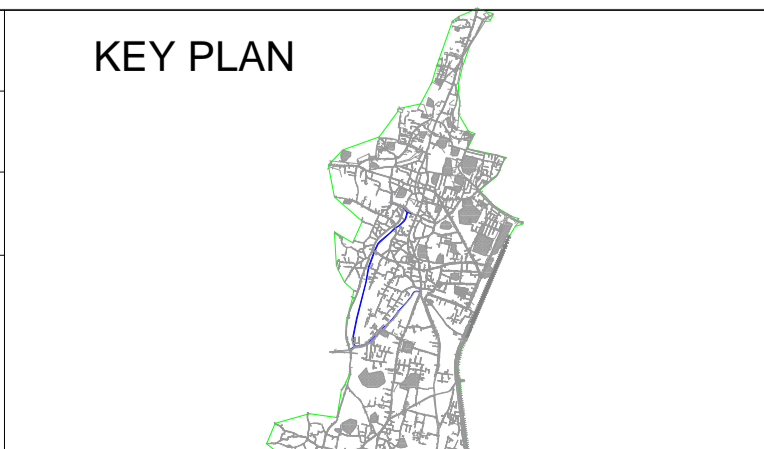


Project:-
**INTEGRATED DRAINAGE SYSTEM
 FOR MADHUBANI TOWN
 BIHAR**

Client:-
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 Drawing Title :-
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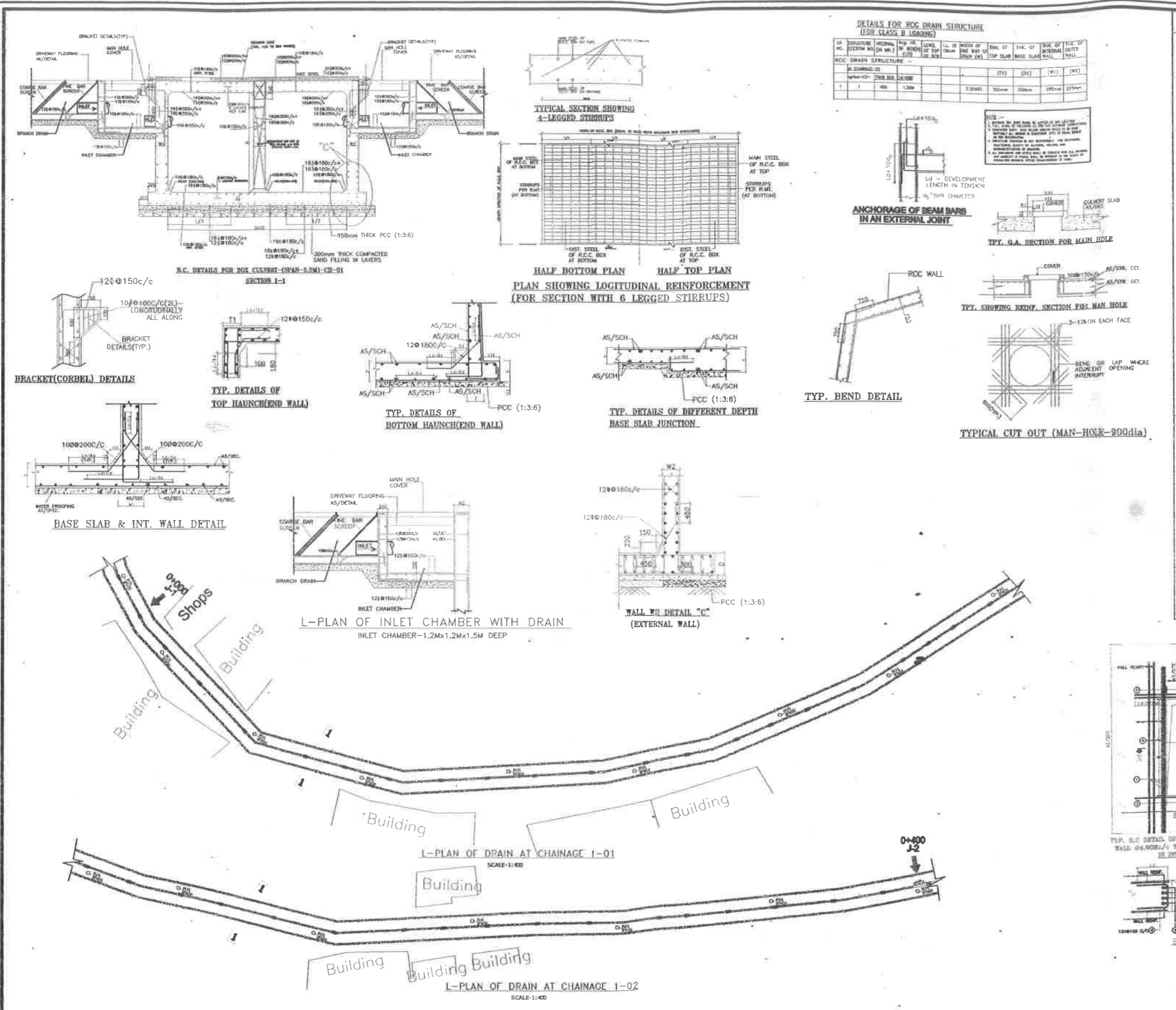
CONSULTANTS :-
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 NEW DELHI-110001.
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 www.replurbanplanners.com

CHECKED BY:-
 DEALT BY :- NAVIN KUMAR
 SHEET. NO:- 2/2
 SCALE REVISION DATE NORTH-
 NTS MAY.2014



Legend:-
 EXISTING DRAIN ———
 EXISTING WATER BODY ———

OWNER'S SIGN. ARCHITECTS/
 TOWN PLANNER SIGN.



GENERAL NOTES - NOTES & REFERENCES

1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
2. ALL DIMENSIONS ARE IN MM & LEVELS IN MLLMT (METS).
3. DO NOT SCALE ANY DIMENSION.
4. LOCATION OF WALLS TO BE SHOWN WITH RELEVANT ARCH. DRCG.
5. FOR RCC WORK USE MIXES CONFORMING TO IS 456: 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
6. THE REINFORCEMENT SHALL BE CORROSION RESISTANT BARS OR THE BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/MM² AND CONFORMING TO IS 1786 - 1979.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION 60 MM
 - (b) SURFACES IN CONTACT WITH EARTH 40 MM
 - (c) COLUMNS 40 MM
 - (d) BEAMS (TOP & BOTTOM) 25 MM
 - (e) SLABS 20 MM
 - (f) CHAMFER/CANEPS 20 MM
 - (g) RCC WALL 25 MM
8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION LAPS CLSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
9. INDICATES BOTTOM BARS.
10. INDICATES STRUCTURAL ELEMENT.
11. ALL BARS TO BE MACHINE MIXED, VIBRATED AND CURED THROUGHOUT AS PER IS 456: 2000.
12. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN.
13. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS UNLESS OTHERWISE SPECIFIED BY SPACER BAR.
14. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DPGS. IN CASE OF ANY DISCREPANCY ARCHITECT'S DPGS SHALL PREVAIL.
15. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEMES PREPARED BY CONTRACTOR.
16. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DPG UNLESS OTHERWISE SPECIFIED.
17. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
18. PROVIDE DIST STEEL OVER EXTRA TOP BARS @ 800 C/C @ 90° C/C @ 90° C/C @ 90°.
19. BLAST PROTECTIVE COAT IS TO BE PROVIDED IN PITS, SHALL BE FULLY REMOVED.
20. ALL LEAKS POINTS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH PCC 1:3:6.
21. A SAFE BEARING CAPACITY 205 T/CM² HAS BEEN CONSIDERED FOR SOIL FOUNDATION & 10 T/CM² ISOLATED FOOTING AT THE DEPTH OF 3.30M BELOW GCL.

SPL. NOTE

1. IN USUAL CIRCUMSTANCES AND WHERE ORDINARY PERTLAND CEMENT IS USED FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRE OF THE FOLLOWING PERIOD:
 - (a) WALLS, COLUMNS AND VERTICAL PILES OF ALL MEMBERS 24 TO 48 HOURS
 - (b) SLAB, FLOORS, LEFT BRIGERS 7 DAYS
 - (c) REMOVAL OF EXCESS CONCRETE SLABS, SPACING OF 75 TO 100 C/C
 - (d) SPACING OF 200 C/C 21 DAYS
2. WHERE POSSIBLE THE FORMWORK SHALL BE LEFT LONGER, AS IF WOULD ASSIST CURING.
3. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BRACING HAS BEEN PROVIDED TO THE BEAMS HAS BEEN ATTACHED TO BUILDING MEMBER OR OTHERWISE.
4. THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE.
5. UNLESS OTHERWISE INDICATED IN THE SPECIFICATION, JOINTS IN FLOORS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBER. OVERLAPPING BEAMS SHALL BE A SECONDARY BEAM BRACED TO A MAIN BEAM AT AN EQUAL DISTANCE FROM THE JOINTS IN THE MAIN BEAM. SHALL BE OFFERED BY STRUCTURE TEAM TO AVOID THE GAIN OF BARS.
6. A SECONDARY BEAM
7. SHALL BE REMOVED CONCRETE THE MAXIMUM FACE TO FACE SHALL NOT BE MORE THAN 1000 CM TO AVOID SEGREGATION.
8. SLAB SUPPORTS SHALL BE LIFTED AS AND WHEN ALLOWED, DURING CONCRETE POURING, UNLESS OTHERWISE SPECIFIED.
9. ALL SUPERVISION IN CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
10. ANY DISCREPANCY IN EXECUTION OF WORK OR SITE OF NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE BY ENGINEER IN CHARGE.

PROJECT:-

KINNISH Nahah
at MADHUBANI

CLIENT:-

BIHAR URBAN INFRASTRUCTURE
DEVELOPMENT CORPORATION

DRAWING TITLE:-

REINFORCEMENT
DETAILS
OF DRAIN AT CHAINAGE - 101

CONSULTANTS :-

RUDRABHISHEK ENTERPRISES PVT. LTD.
820, ANTRIKSH BHAWAN, 22, K.G.MARG
NEW DELHI-110001.
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CHECKED BY:-

DEALT BY :-

DRG. NO:-

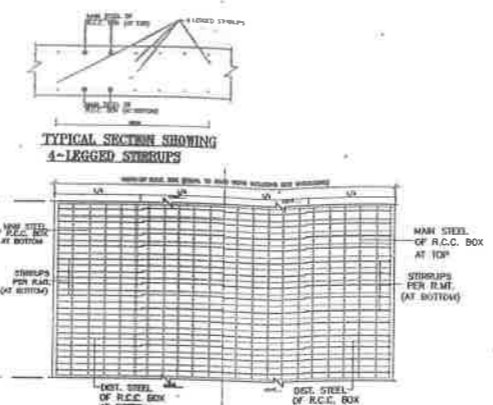
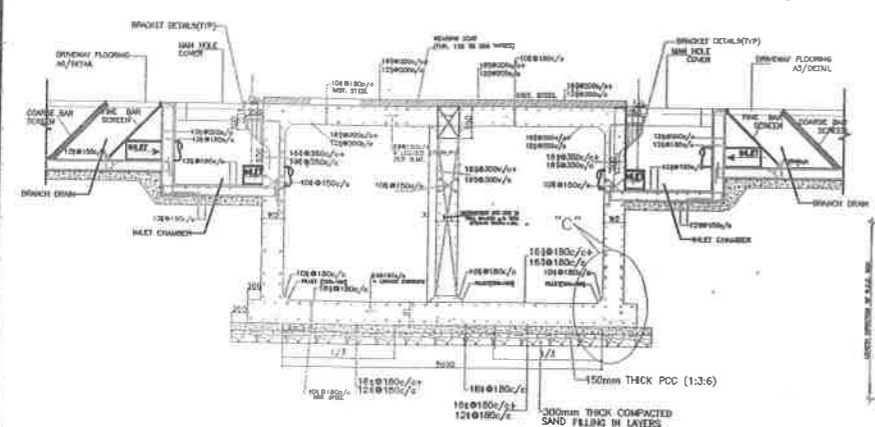
SCALE	REVISION	DATE	NORTH:-
NTS			

LEGEND:

KEY PLAN

OWNER'S SIGN.

ENGINEER'S (ARCHITECT'S)
TOWN PLANNER SIGN.

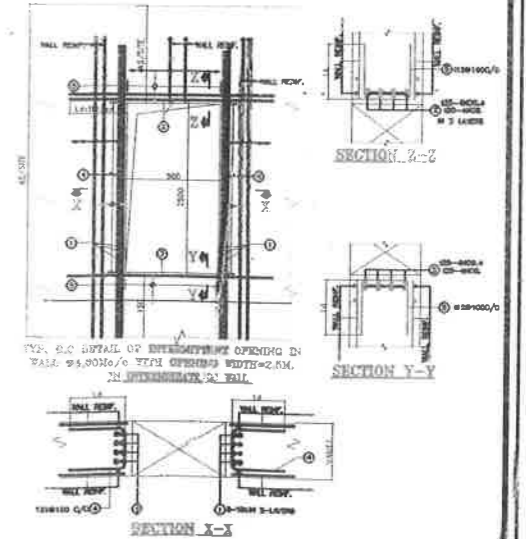
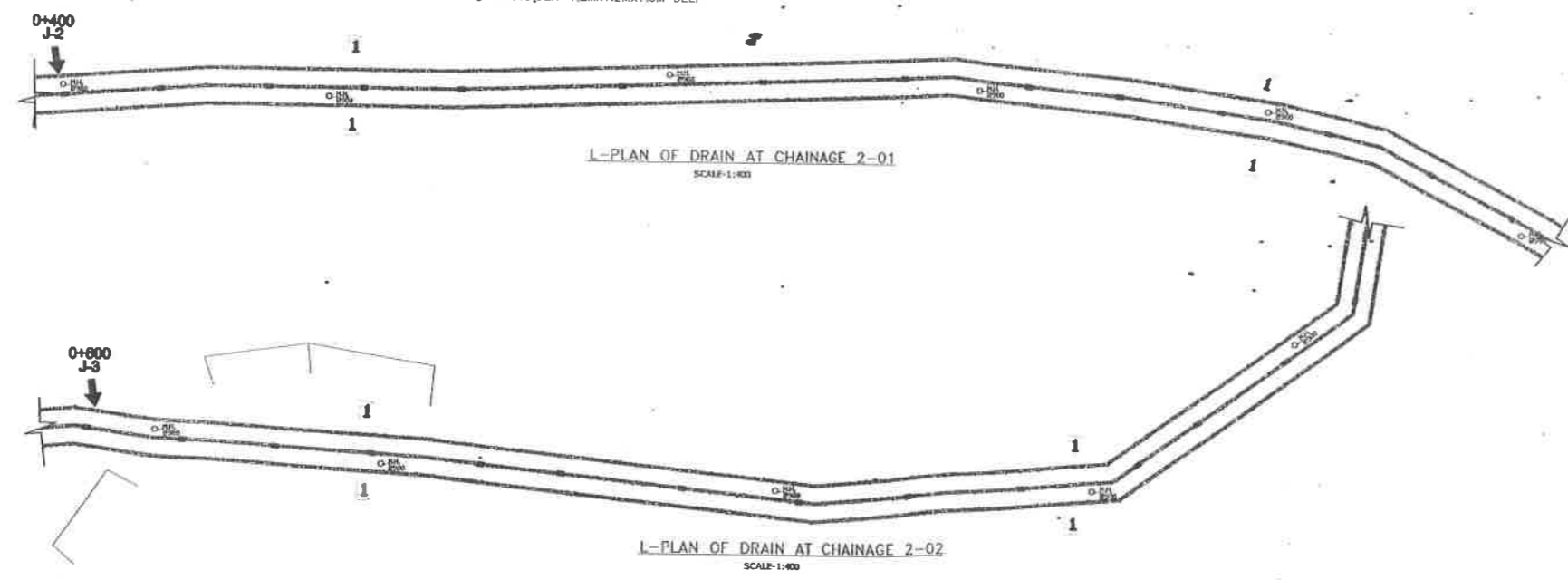
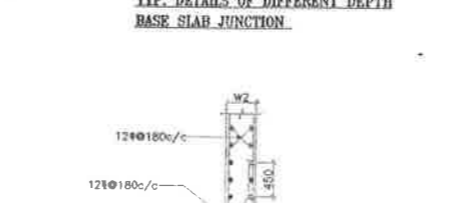
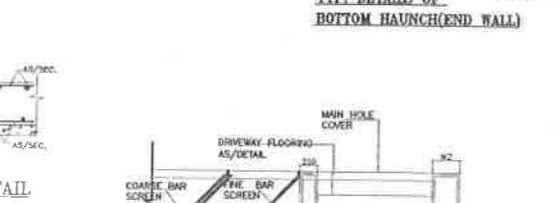
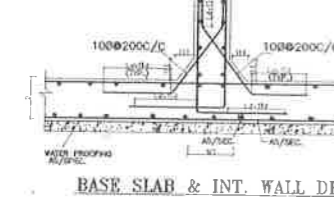
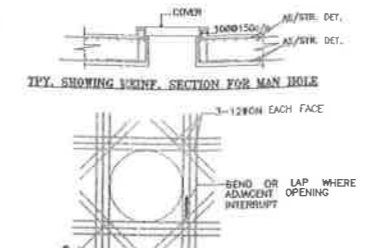
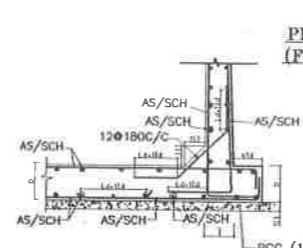
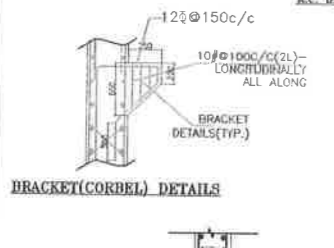


DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS B LOADING)

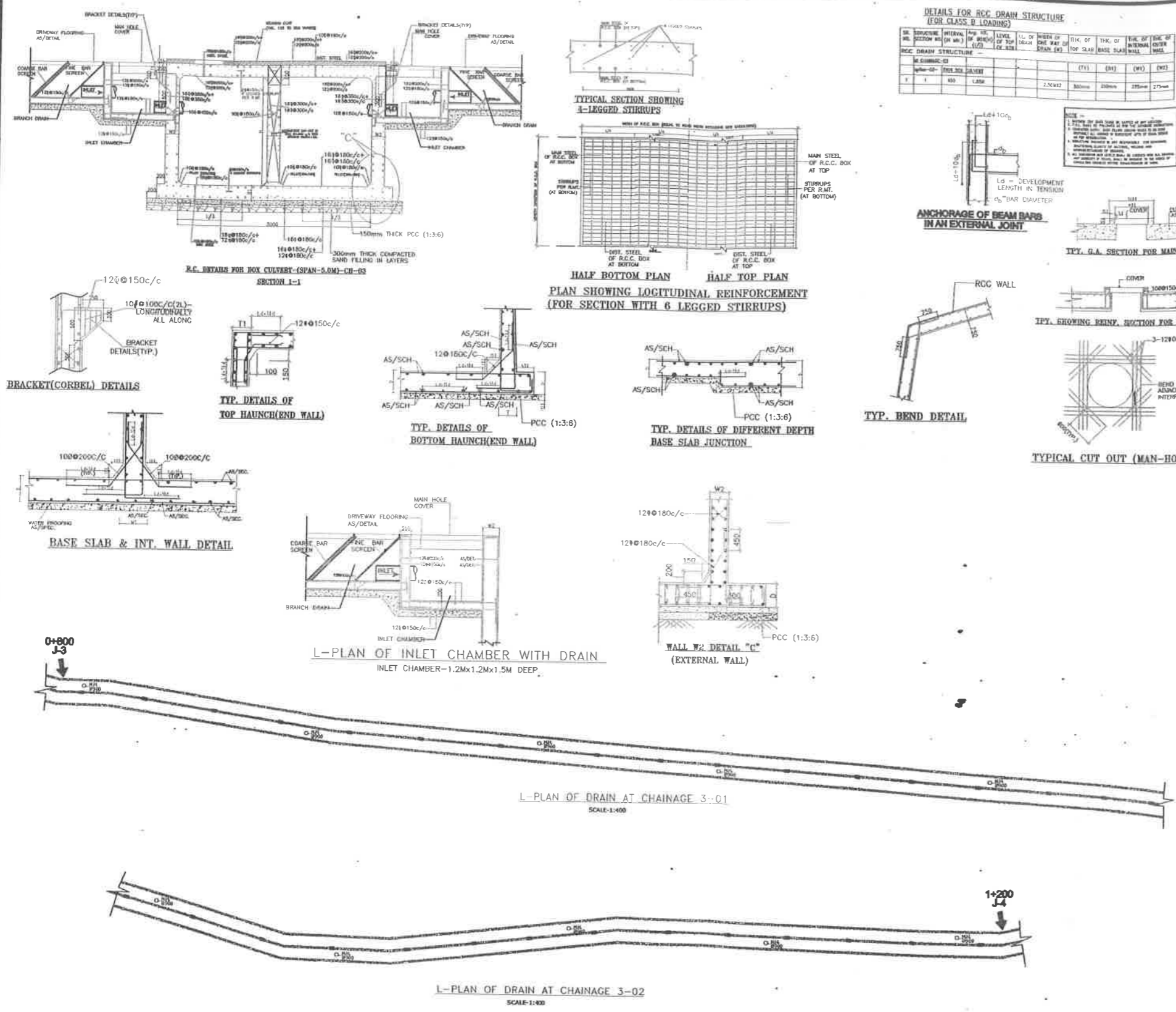
NO.	SECTION NO.	REINFORCEMENT	NO. OF BARS	LEVEL OF TOP OF BEAM	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF SLAB	LEVEL OF TOP OF WALL	LEVEL OF TOP OF INTERNAL DIVIDER	LEVEL OF TOP OF WALL
1	1	12φ150c/c	4	1.75m	1.75m	1.75m	1.75m	1.75m	1.75m

GENERAL NOTES - NOTES & REFERENCES

1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS AND SPECIFICATIONS IF FOUND SHALL BE BRINGS TO THE NOTICE OF CONSULTANT.
2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETER.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT AREA DRG.
5. FOR RCC WORK USE M20 CONCRETE TO IS 456:1979 OR AS SPECIFIED IN RESPECTIVE DRG.
6. THE REINFORCEMENT SHALL BE TWISTED DEFORMED BARS OR TMT BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786:1979.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 50 mm
 - (b) SURFACES IN CONTACT WITH CORNER: 40 mm
 - (c) BEAMS (TOP & BOTTOM): 25 mm SIDE COVER 25mm
 - (d) SLABS: 20 mm
 - (e) WALLS/CORNER: 20 mm
 - (f) VEC. WALL: 25 mm
8. MEMOR. COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINGS/ TIES/ STIRRUPS.
9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
10. DOTTED LINE INDICATES TOP BARS.
11. DOTTED LINE INDICATES BOTTOM BARS.
12. ALL REEL TO BE MACHINE WIND, VIBRATED AND CURED THOROUGHLY AS PER IS 456:1979.
13. ALL TIEING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN.
14. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENT AS PER IS 456.
15. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRGS. IN CASE OF ANY DISCREPANCY ARCHITECT'S DRGS SHALL PREVAIL.
16. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
17. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DRG UNLESS OTHERWISE SPECIFIED.
18. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CORNER 2L PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
19. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
20. PROVIDE DIST STEEL OVER EXTRA TOP BARS AS 6φ800 c/c @ 100.
21. BRACK COITON 200 IF ENCOUNTERED IN FOM PITS, SHALL BE FULLY REMOVED.
22. ALL LODGE PROBLEMS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH FILLING.
23. A SAFE BEARING CAPACITY 250 T/R HAS BEEN CONSIDERED FOR PFT FOUNDATION 1.2Mx1.2Mx1.5M ISOLATED FOOTING AT THE DEPTH OF 3.0M BELOW NGL.



PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088500 email Id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:- DRG. NO.:	LEGEND:- KEY PLAN	OWNER'S SIGN ENGINEERS / ARCHITECTS/ TOWN PLANNER SIGN
	DRAWING TITLE:- REINE DETAILS OF DRAIN AT CHAINAGE - J2	820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088500 email Id-info@replurbanplanners.com www.replurbanplanners.com	SCALE: NTS REVISION: DATE: NORTH:- 		



GENERAL NOTES - NOTES & REFERENCES

1. READ THIS DRAWING IN CONJUNCTION WITH ALL NECESSARY ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSIONS.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRAW.
5. FOR RCC WORK USE MIX PROS CONFORMING TO IS 456-2000 OR AS SPECIFIED IN RESPECTIVE DWG.
6. THE REINFORCEMENT SHALL BE EMBROIDERED DEFORMED BARS OR TMT BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786 - 1979.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:

(a) FOUNDATION	50 MM
(b) COLUMNS	40 MM
(c) BEAMS (TOP'S BOTTOM)	25 MM SLAB COVER 20mm
(d) SLABS	20 MM
(e) CHAJJAS/CANOPY	25 MM
(f) P.C.C. WALL	25 MM

 MINIMUM COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/TIES/STIRRUPS.
8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS SHOULD BE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS. SHALL BE AVOIDED.
9. --- INDICATES TOP BARS
--- INDICATES BOTTOM BARS
--- Opening in structural element
10. ALL REIN. TO BE WOUND NEATLY, VERTICALLY AND CURVED PROPERLY AS PER IS 456-2000.
11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECT TO THE CENTRE LINE OF COLUMN.
12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS UNLESS OTHERWISE SPECIFIED WITH SPACED BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456-2000.
13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRAWING. IN CASE OF ANY DISCREPANCY ARCHITECT'S DRAWING SHALL PREVAIL.
14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
15. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DWG UNLESS OTHERWISE SPECIFIED.
16. THE FIRST STIRRUP IN BEAM SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE. THE SPECIAL COUPLING BE PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
17. ALL ANGLES AND BENT BARS UNLESS OTHERWISE SPECIFIED PROVIDE DIST STEEL OVER EXTRA TOP BARS AS 600 c/c (90° BEND) c/c (90°).
18. BLACK COTTON SOIL IF ENCOUNTERED IN FILL PITS, SHALL BE FULLY REMOVED.
19. ALL LEAK PROOFERS OF SEAL BELOW FOUNDATION SHALL BE FILLED WITH POLYURETHANE.
20. A SAFE BEARING CAPACITY 600 T/R HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 10T/M ISOLATED FOOTING AT THE DEPTH OF 3.0m BELOW RGL.

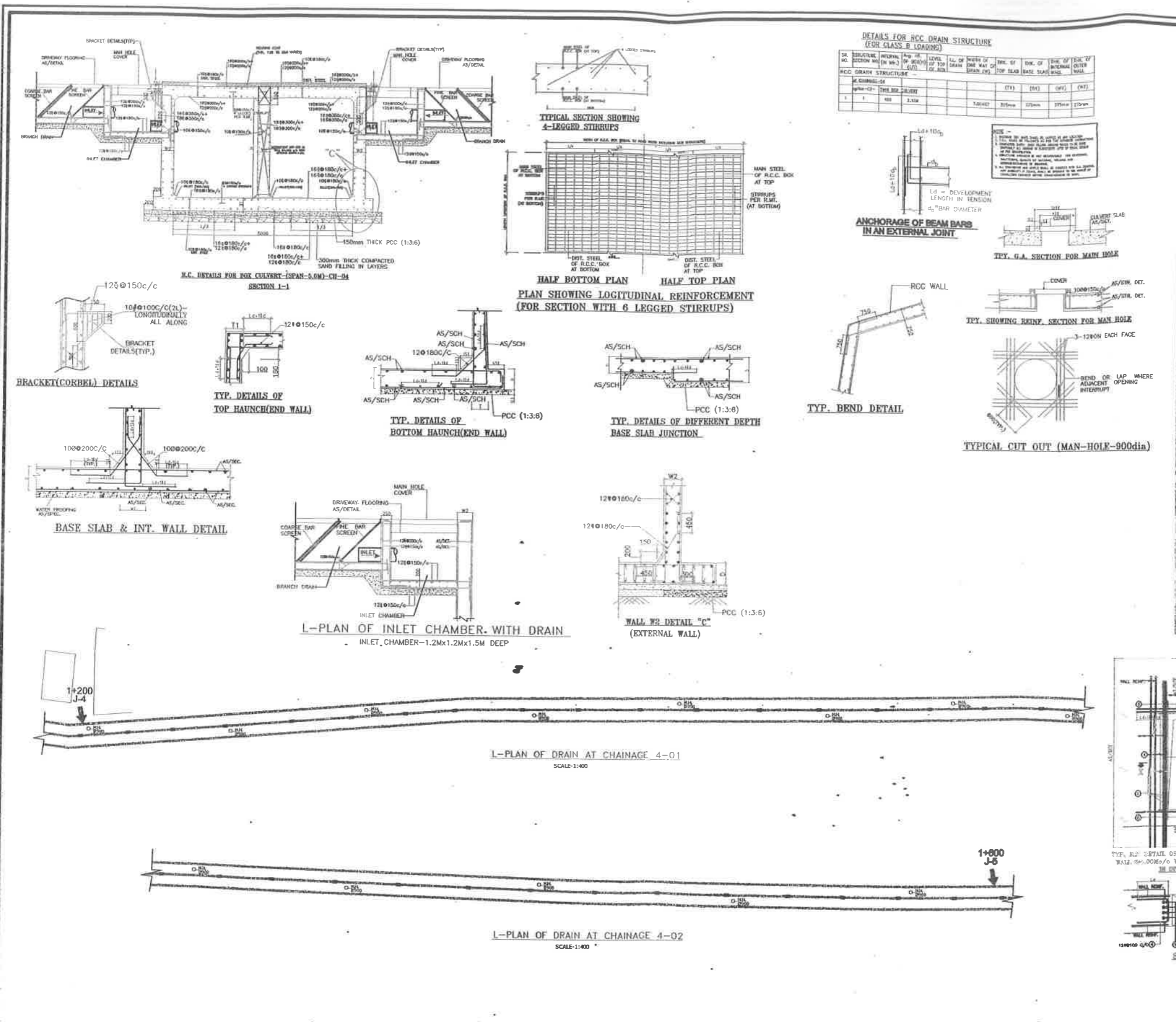
SPL. NOTE

1. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:

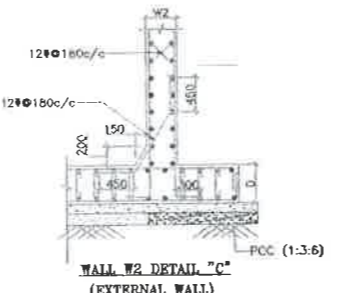
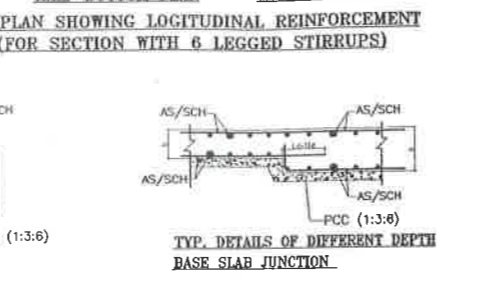
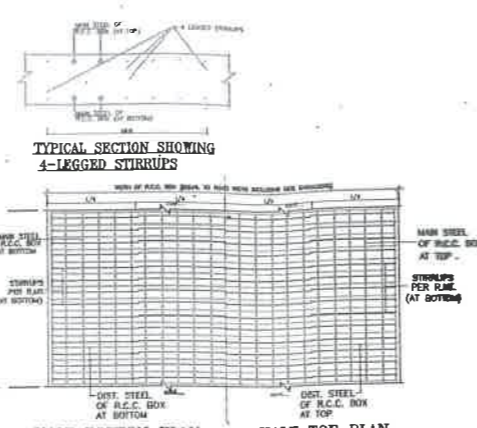
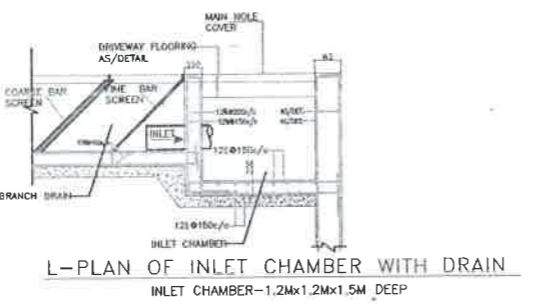
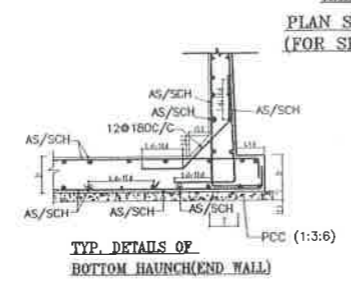
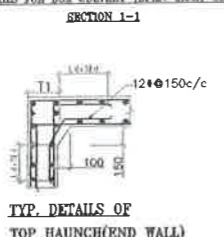
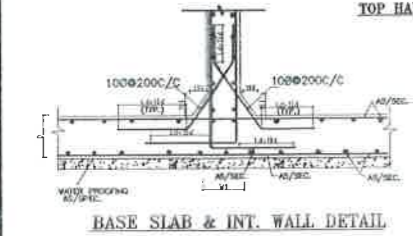
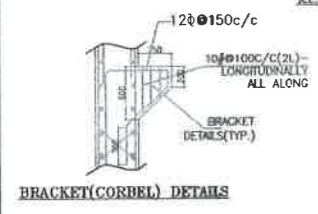
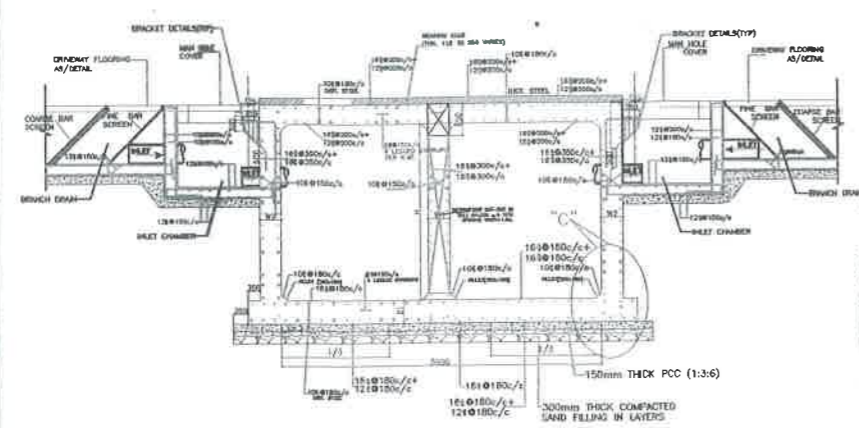
• WALLS, COLUMNS AND VERTICAL PARTS OF ALL MEMBERS	36 TO 48 HOURS
• SLABS (SPREADS) LESS THAN 100mm	7 DAYS
• REMOVAL OF FORMS UNDER SLABS	7 DAYS
• SPREADING UP TO 100mm	21 DAYS
• SPREADING OVER 100mm	21 DAYS

 WHERE NECESSARY, THE PERIODS SHALL BE LEFT UNLESS AS IT WOULD ASSIST CURING.
2. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOAD OVER THE BEARING HAS BEEN ATTAINED BY BUILDING WORKS OVERHANGING.
3. THE CENTERING OF OVERHANGING BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE.
4. UNLESS OTHERWISE INDICATED BY THE ARCHITECT/STRUCTURAL ENGINEER, JOINTS IN SLABS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBERS. UNLESS OTHERWISE SPECIFIED, A REINFORCING BEAM OVERLAP SHALL BE AT THE JOINT IN WHICH CASE THE JOINTS IN THE BEAM SHALL BE OFFSET BY OBTAINING EQUAL TO THE WIDTH OF THAT A SECONDARY BEAM.
5. WHILE REMOVING FORMWORK THE WORKING FACE SHALL NOT BE MOVED. THIS SHALL BE DONE IN STAGES.
6. STRICT SUPERVISION SHALL BE READ AS PER NATIONAL BUILDING CODE (INDIAN STANDARD).
7. ALL SUPERVISION OF CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER-IN-CHARGE.
8. ANY DISCREPANCY OR MISUNDERSTANDING OF WORK AS PER SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE OF ENGINEER IN CHARGE.

PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS :- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41099500 email id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:-	LEGEND:-	KEY PLAN	OWNER'S SIGN	ENGINEERS / ARCHITECTS / TOWN PLANNER SIGN
	DRAWING TITLE:- REINF. DETAILS OF DRAIN AT CHAINAGE-J3		DEALT BY:-				
			SCALE				
			NTS				

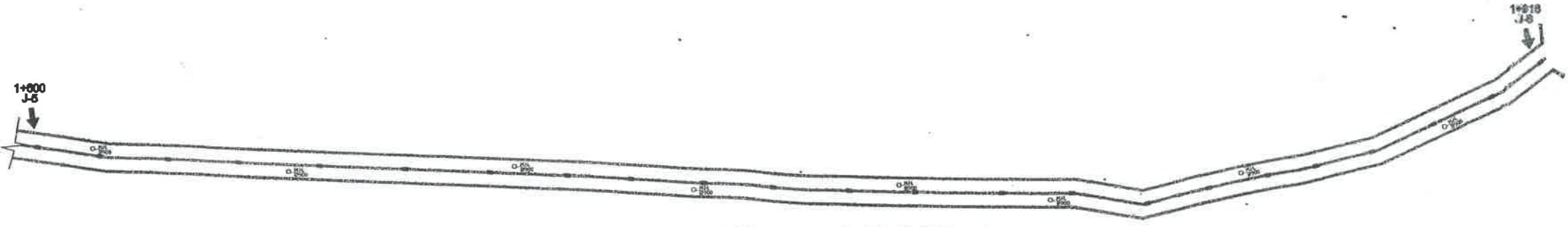
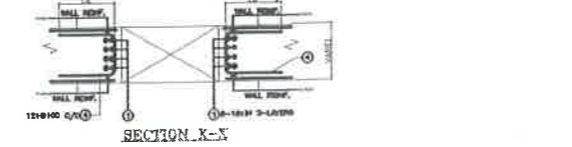
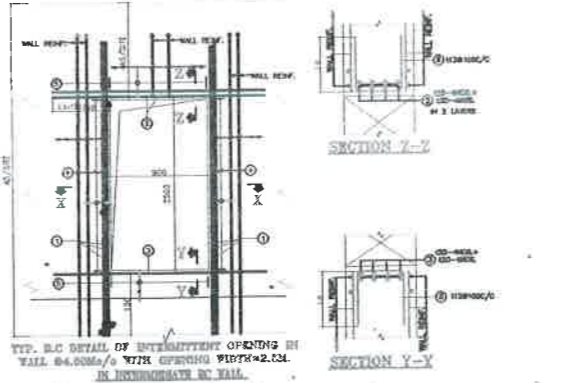
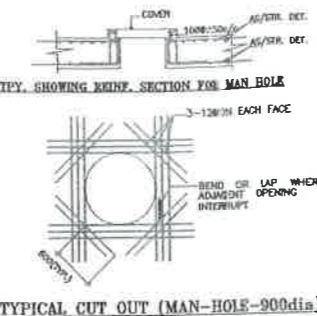
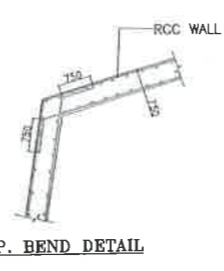
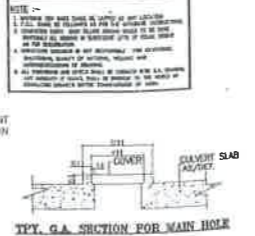
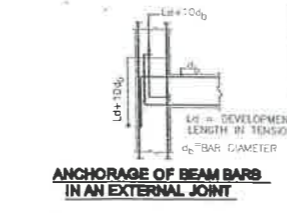


PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088500 email id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:- DRG. NO:- SCALE REVISION DATE NORTH:-	LEGEND:- KEY PLAN
	DRAWING TITLE:- REIN. DETAILS OF DRAIN AT CHAINAGE - J-4 - J-5			



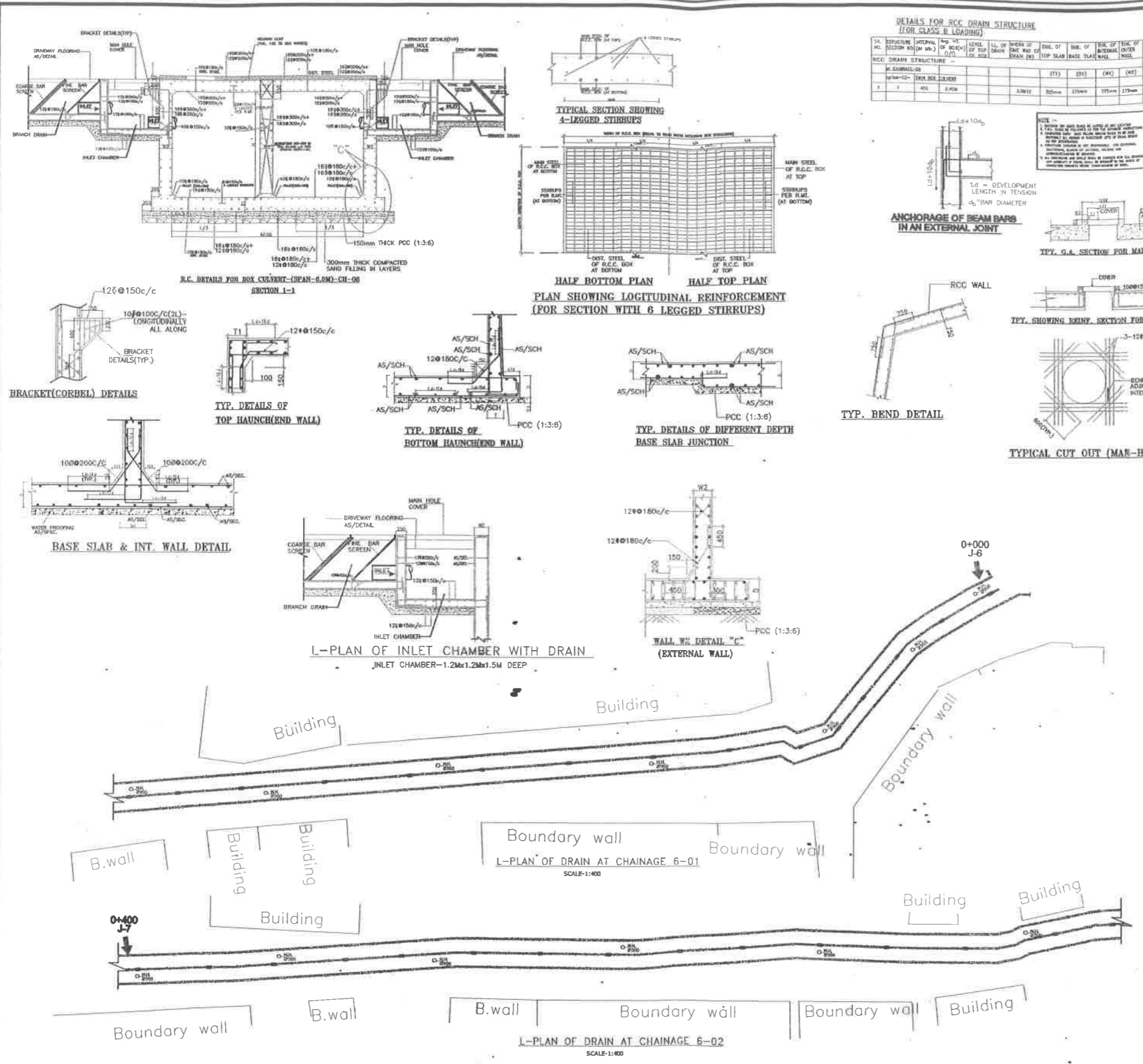
DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS B LOADING)

DR. NO.	SECTION NO.	INTERNAL (OR EXTERNAL) WALL	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN	LEVEL OF TOP OF DRAIN
1	1	400	2.275	1.862	2.000	2.000	2.000	2.000	2.000



- GENERAL NOTES - NOTES & REFERENCES
- READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS ANY DISCREPANCY OF FOUNDATION SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 - ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
 - DO NOT SCALE ANY DIMENSION.
 - CONFIRM LOCATION OF WALLS WITH RELEVANT ASCH. DECS.
 - FOR RCC WORK USE M25 CONCRETE TO IS 456: 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
 - THE REINFORCEMENT SHALL BE CORNATED DEFORMED BARS OR HOT BARS HAVING FIELD LENGTH NOT LESS THAN 500 MM AND CORNATING TO IS 1786 - 1979.
 - THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 40 MM
 - (b) SURFACES IN CONTACT WITH EARTH: 40 MM
 - (c) COLUMNS: 25 MM MIN. COVER 25MM
 - (d) BEAMS (TOP & BOTTOM): 25 MM MIN. COVER 25MM
 - (e) SLABS: 20 MM
 - (f) CHAIRS/CORNER: 20 MM
 - (g) R.C. WALL: 25 MM
 - NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINE OF TIE-BARS.
 - DO NOT MORE THAN 50% OF THE BARS SHALL BE LAPTED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 - INDICATED TOP BARS:
 - INDICATED TOP BARS
 - INDICATED BOTTOM BARS
 - ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 - DO NOT POSTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN.
 - REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUR NECESSARY WITH SPACING TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456: 2000.
 - ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRAWING IN CASE OF ANY DISCREPANCY ARCHITECT'S DRAWING SHALL PREVAIL.
 - ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 - TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DWG UNLESS OTHERWISE SHOWN.
 - THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SECOND STIRRUPS BE PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
 - ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
 - PROVIDE DIST. STEEL OVER EXTRA TOP BARS @ 200 C/C @ 100.
 - BLACK COTTON SOIL IF ENCOUNTERED IN 10M MTS. SHALL BE FULLY REMOVED.
 - ALL LODGE POCKETS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH P.C.C. 1:4:8.
 - A SAFE BEARING CAPACITY 255 T/M² HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 150MM ISOLATED FOOTING AT THE DEPTH OF 2300 BELOW NGL.
- SPL. NOTE:
- IN NORMAL CIRCUMSTANCES AND WHERE OTHERWISE NOTED AND CONCRETE IS USED FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:
 - WALLS, COLUMNS AND VERTICAL: 36 TO 48 HOURS
 - SLABS (TOPS LEFT UNDER): 7 DAYS
 - REMOVAL OF FORMS UNDER SLABS: 21 DAYS
 - SPACING UP TO 4000: 21 DAYS
 - WHERE POSSIBLE THE FORMWORK SHALL BE LEFT UPRIGHT AS IT WOULD ASSIST CURING.
 - THE CENTERING SUPPORTING THE OVERHANGING STRUCTURE MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOAD OVER THE BEARING HAS BEEN ATTACHED BY BRACKETS, MASTERS OR OTHERWISE.
 - THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE.
 - REINFORCEMENT INDICATED IN THE DRAWING CONSTRUCTION JOINTS IN FIELDS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBERS UNLESS OTHERWISE SPECIFIED UNLESS A SECONDARY BEAM INTERSECT A MAIN BEAM AT THIS POINT IN WHICH CASE THE JOINTS IN THE MAIN BEAM SHALL BE OFFSET BY DISTANCE EQUAL TO TWICE THE WIDTH OF THAT SECONDARY BEAM.
 - WHILE FORMING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1500 MM TO AVOID SEGS DROPPING.
 - THOSE SUPERVISION SHALL BE DONE AS PER NATIONAL BUILDING CODE (RECENT VERSION).
 - ALL SUPERVISION OF CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
 - ANY DISCREPANCY IN EXECUTION OF WORK ASY. SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBILITY OF ENGINEER IN CHARGE.

PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BINAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41069500 email Id-Info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:-	LEGEND:-	OWNER'S SIGN	ENGINEERS / ARCHITECTS/ TOWN PLANNER SIGN
	DRAWING TITLE:- REIN. DETAILS OF DRAIN AT CHAINAGE-J6		DEALT BY:-			
			SCALE	REVISION	DATE	NORTH:-
			NT8			
			KEY PLAN			

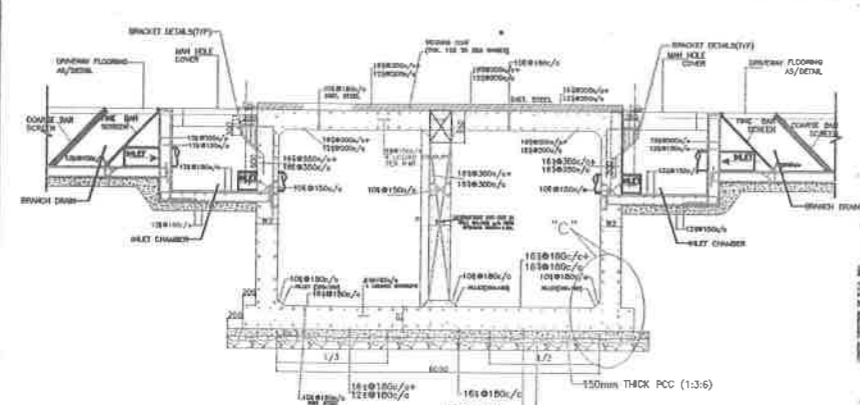


DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS B LOADING)

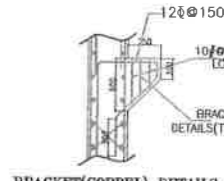
SA. NO.	REINFORCEMENT	SPACING	NO. OF BARS	NO. OF LAYERS	NO. OF LAYERS	NO. OF LAYERS	NO. OF LAYERS
1	12@150/c	150	2	2	2	2	2
2	10@100/c	100	2	2	2	2	2

- GENERAL NOTES - NOTES & REFERENCES**
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS. FOR RCC WORK USE MIN 250mm EMBEDED TO 150mm DRG OR AS SPECIFIED IN RESPECTIVE DWG.
 5. THE REINFORCEMENT SHALL BE CALIBRATED DEFINED BARS OR 10% BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786 - 1979.
 6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 40 MM
 - (b) SURFACES IN CONTACT WITH earth: 40 MM
 - (c) COLUMNS: 25 MM side cover 25mm
 - (d) BEAMS (top & bottom): 25 MM
 - (e) SLABS: 20 MM
 - (f) CHALLAS/CANOPY: 20 MM
 - (g) RCC WALL: 25 MM
 7. MINIMAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS, TIES/STIRRUPS.
 8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 9. INDICATED TOP BARS INDICATES BOTTOM BARS.
 - = 1st structural element
 - = 2nd structural element
 10. ALL RCC TO BE MACHINE MIXED, VIBRATED AND CURED THROUGHOUT AS PER IS 456-LATEST.
 11. ALL FITTINGS ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN.
 12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FEASIBLE NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456-SPACER BAR.
 13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRESS IN CASE OF ANY DISCREPANCY ARCHITECT'S DRGS. SHALL PREVAIL ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT.
 15. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DRG UNLESS OTHERWISE SHOWN.
 16. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CONFINING REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMN.
 17. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
 18. PROVIDE DIST STEEL OVER EXTRA TOP BARS IS 80mm c/c @ 100mm.
 19. BLACK COTTON SOIL IF ENCLOSED IN FEM PITS SHALL BE FULLY REMOVED.
 20. ALL LODGE PRODUCTS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH PCC @ 1:3:6.
 21. A SAFE BEARING CAPACITY 250 T/m² HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 120 T/m² ISOLATED FOOTING AT THE DEPTH OF 0.5m BELOW MGL.
- SPL. NOTE**
1. IN NORMAL CIRCUMSTANCES AND WHERE INDOOR FLOORING IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE CURE OF THE FOLLOWING PERIODS:
 - 1. WALLS, COLUMNS AND VERTICAL SLABS: 24 TO 48 HOURS
 - 2. SLABS (TOPS LEFT LONGER): 7 DAYS
 - 3. REMOVAL OF FORMWORK SLABS: 7 DAYS
 - 4. SPANNING OVER 4000: 21 DAYS
 - 5. SPANNING OVER 6000: 28 DAYS
 2. WHERE POSSIBLE, THE FORMWORK SHOULD BE LEFT LONGER AS IT WOULD ASSIST CURING.
 3. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOADS OVER THE BEARING HAS BEEN ATTAINED BY BUILDING MASONRY OR OTHERWISE.
 4. THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE UNLESS OTHERWISE INDICATED OR THE BEAM INDICATED THE JOINTS IN FLOOR SHALL BE LOCATED FROM THE MID SPAN UP TO THE COLUMN MEMBER. IN CASE OF BEAM, USE AS A SECONDARY BEAM INTERSECTING A MAIN BEAM AT THE JOINT. IN SUCH CASE THE JOINT IN THE MAIN BEAM SHALL BE SET BY DISTANCE EQUAL TO HALF THE WIDTH OF THAT SECONDARY BEAM.
 5. WHILE POURING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1000 MM TO AVOID SEGREGATION.
 6. STRICT SUPERVISION SHALL BE EXERCISED AT ALL STAGES BUILDING CODE (RECENT VERSION).
 7. ALL SUPERVISION OR CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
 8. ANY DISCREPANCY IN EXECUTION OF WORK AS/ SITE OR NOT DONE AS PER STRUCTURAL DRAWINGS SHALL BE TOTALLY RESPONSIBILITY OF ENGINEER IN CHARGE.

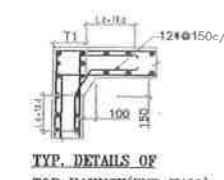
PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION DRAWING TITLE :- REIN. DETAILS OF DRAIN AT CHAINAGE-17	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088500 email id-Info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:-		LEGEND:- OWNER'S SIGN. ENGINEER'S / ARCHITECT'S / TOWN PLANNER SIGN.
			DRG. NO.: NTP	SCALE: NTP	



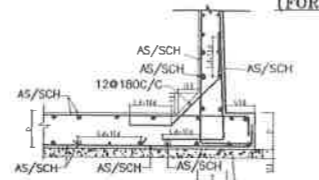
R.C. DETAILS FOR BOX CULVERT (SPAN-6.0M)-CH-07



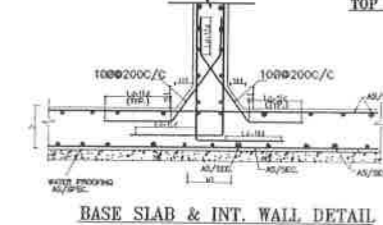
BRACKET (CORBEL) DETAILS



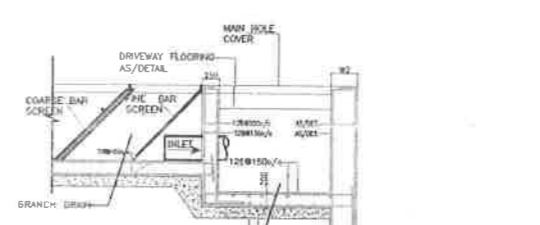
TYP. DETAILS OF TOP HAUNCH (END WALL)



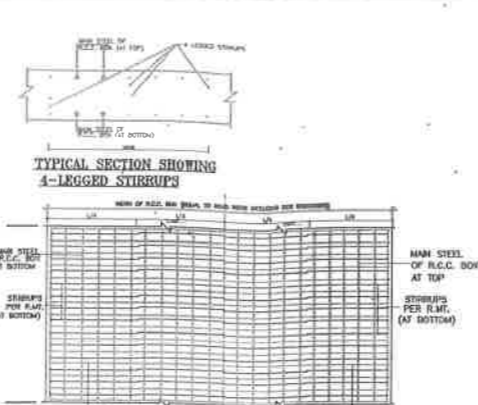
TYP. DETAILS OF BOTTOM HAUNCH (END WALL)



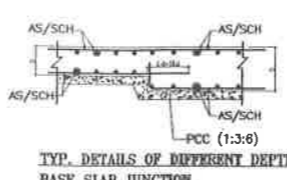
BASE SLAB & INT. WALL DETAIL



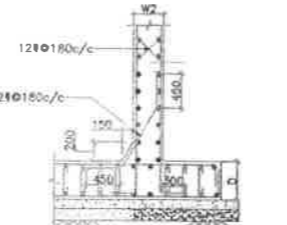
L-PLAN OF INLET CHAMBER WITH DRAIN
INLET CHAMBER-1.2Mx1.2Mx1.5M DEEP



HALF BOTTOM PLAN HALF TOP PLAN
PLAN SHOWING LONGITUDINAL REINFORCEMENT
(FOR SECTION WITH 6 LEGGED STIRRUPS)



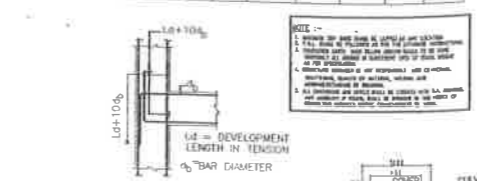
TYP. DETAILS OF DIFFERENT DEPTH
BASE SLAB JUNCTION



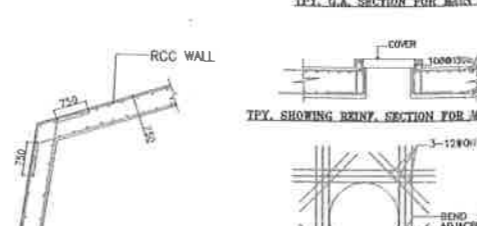
WALL #2 DETAIL 'C'
(EXTERNAL WALL)

DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS D LOADING)

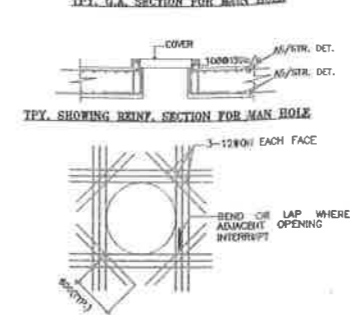
Sl. No.	STRUCTURE SECTION NO. (IN M/S)	NO. OF LEGS OF STIRRUP	DEVELOPMENT LENGTH OF BAR	NO. OF BARS OF EACH WAY OF DRAIN	THICK. OF TOP SLAB	THICK. OF BASE SLAB	THICK. OF INTERNAL WALL	THICK. OF OUTER WALL
1	1	4	2.00M	1.00M	120mm	120mm	120mm	120mm



ANCHORAGE OF BEAM BARS IN AN EXTERNAL JOINT



TYP. BEND DETAIL



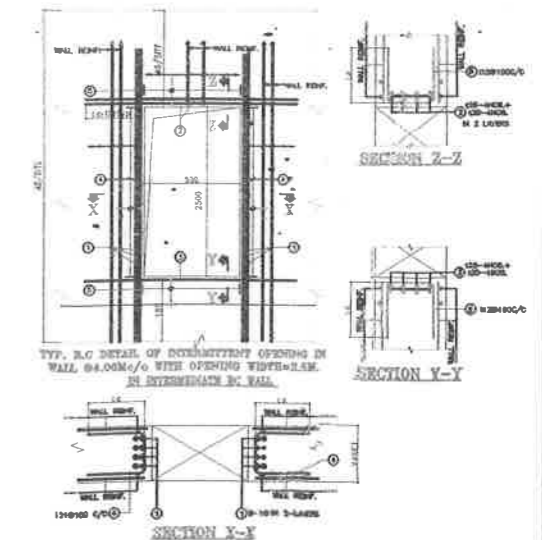
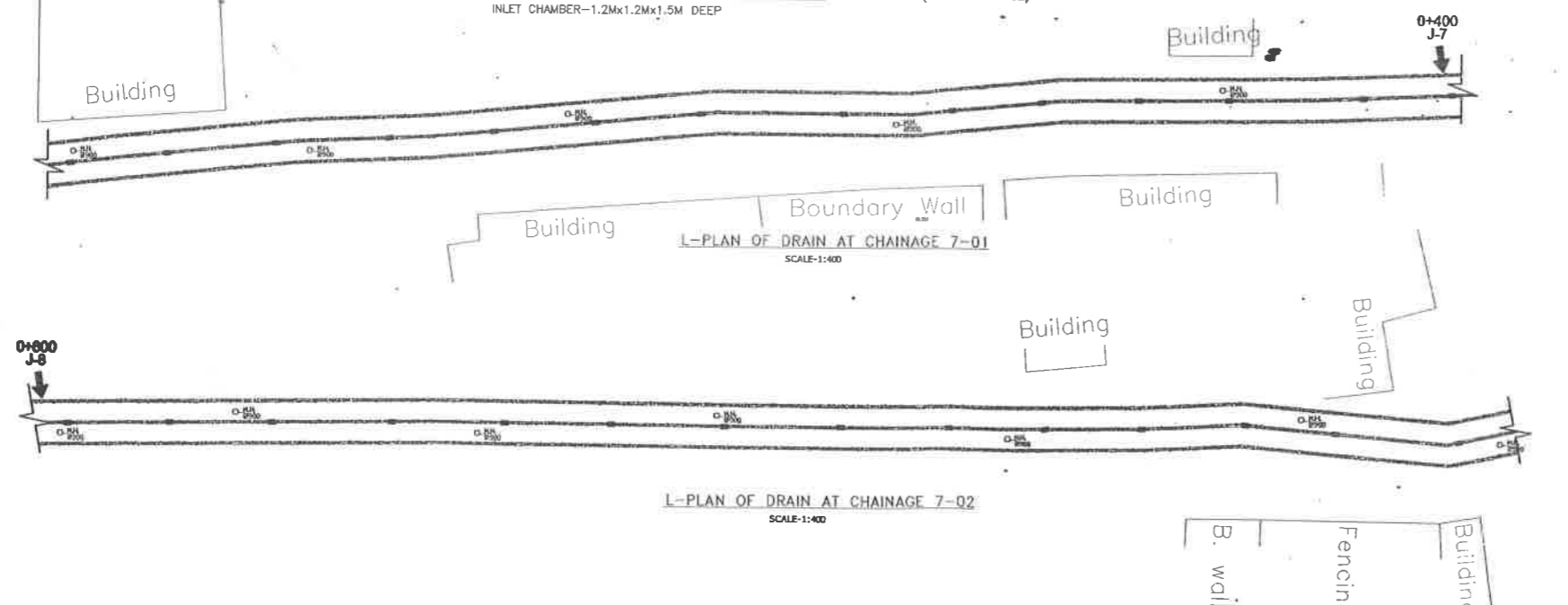
TYP. SHOWING REIN. SECTION FOR MAN HOLE



TYPICAL CUT OUT (MAN-HOLE-900dia)

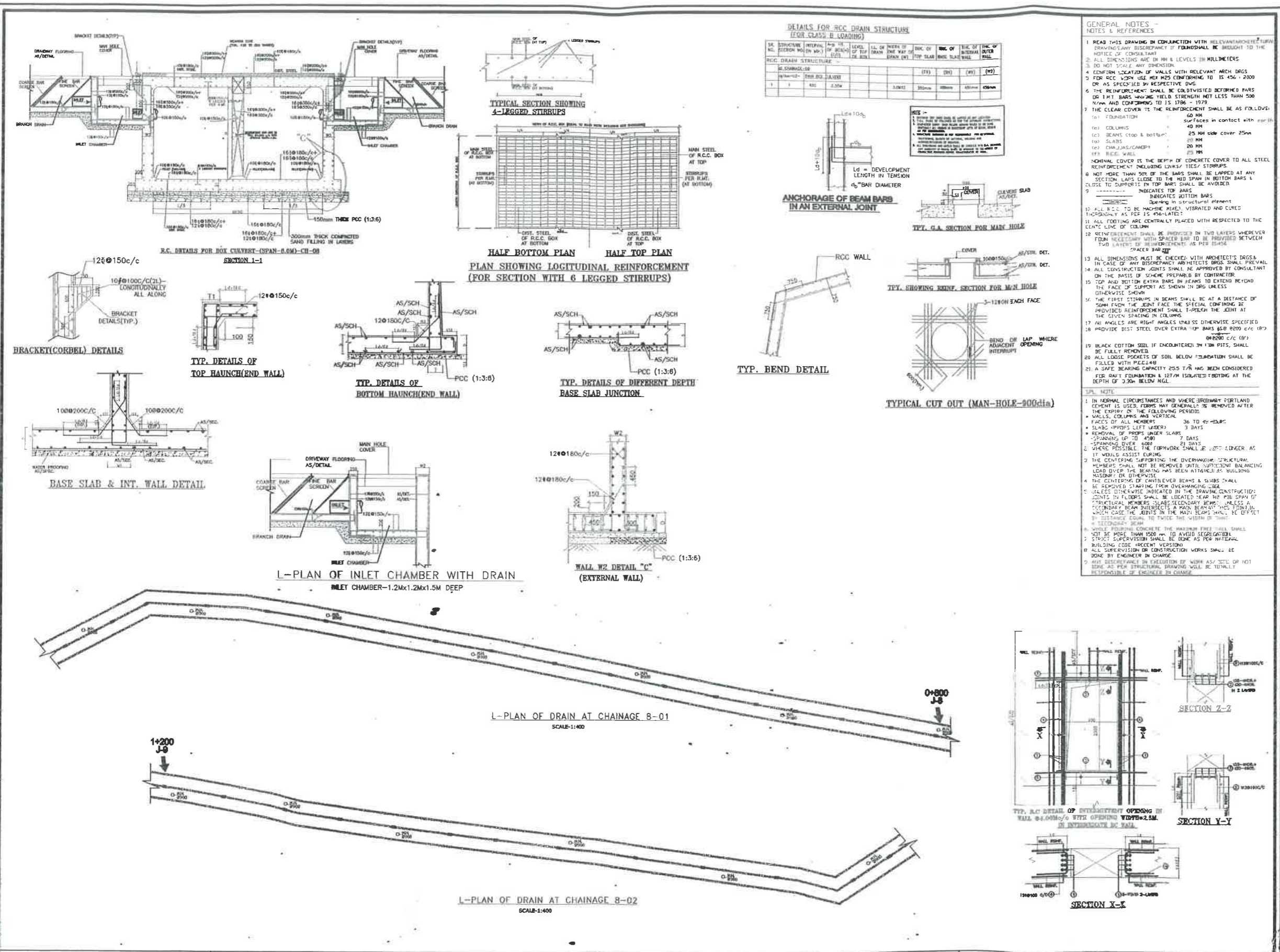
GENERAL NOTES - NOTES & REFERENCES

1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT AREA DWS.
 5. FOR RCC WORK USE MIXES CONFORMING TO IS 456-1:2000 OR AS SPECIFIED BY RESPECTIVE DWG.
 6. THE REINFORCEMENT SHALL BE GALVANIZED DEFORMED BARS OR T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND EXTENDING TO IS 1786-1978.
 7. THE CLEAR COVER OF THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 60 MM
 - (b) SURFACE IN CONTACT WITH earth: 40 MM
 - (c) COLUMNS: 40 MM
 - (d) BEAMS (top & bottom): 25 MM side cover, 25mm
 - (e) SLABS: 20 MM
 - (f) CHALK/JAN/CANOPY: 20 MM
 - (g) R.C.C. WALL: 25 MM
 8. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/TIES/STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE R/S SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. ----- INDICATES TOP BARS
 11. ----- INDICATES BOTTOM BARS
 12. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 13. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTER LINE OF COLUMN.
 14. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FORM NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456.
 15. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DWGS & IN CASE OF ANY DISCREPANCY ARCHITECT'S DWGS SHALL PREVAIL.
 16. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 17. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DWG UNLESS OTHERWISE SHOWN.
 18. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CONFIRMING BE PROVIDED REINFORCEMENT THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
 19. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
 20. PROVIDE BEST STEEL OVER EXTRA TOP BARS 500 8200 c/c 10'S 500 8200 c/c 10'S
 21. BLACK COTTON SOIL IF ENCOUNTERED BY 15M PITS, SHALL BE FULLY REMOVED.
 22. ALL LOOSE POCKETS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH PCC (1:3:6)
 23. A SAFE BEARING CAPACITY 250 T/R HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 10T/R ISOLATED FOOTING AT THE DEPTH OF 3.0m BELOW MGL.
- SPL. NOTE
1. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:
 - WALLS, COLUMNS ARE VERTICAL: 24 TO 48 HOURS
 - SLABS (FORMS LEFT UNDER): 3 DAYS
 - REMOVAL OF FORMS UNDER SLABS:
 - SPANNING UP TO 4.0M: 7 DAYS
 - SPANNING OVER 4.0M: 21 DAYS
 2. WHERE POSSIBLE THE FORMWORK SHALL BE LEFT LONGER, AS IT WOULD ASSIST CURING.
 3. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOAD OVER THE BEARING HAS BEEN ATTAINED BY BUILDING WORK OR OTHERWISE.
 4. THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE.
 5. ALL DISCREPANCY NOTICED IN THE DRAWING CONSTRUCTION DETAILS IN FIELDS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBERS (EXCEPT SECONDARY BEAMS) UNLESS A SECONDARY BEAM INTERSECTS A MAIN BEAM AT THIS POINT IN WHICH CASE THE JOINTS IN THE MAIN BEAM SHALL BE OFFSET BY DISTANCE EQUAL TO TWICE THE WIDTH OF THAT SECONDARY BEAM.
 6. WHILE POURING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1.5M TO AVOID SEGREGATION.
 7. STRICT SUPERVISION SHALL BE DONE AS PER NATIONAL BUILDING CODE (RECENT VERSION).
 8. ALL SUPERVISOR OR CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
 9. ANY DISCREPANCY IN EXECUTION OF WORK AS/ SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE OF ENGINEER IN CHARGE.



TYP. R.C. DETAIL OF DISCONTINUITY OPENING IN WALL 900mm/c WITH OPENING WIDTH=2.1M. IN INTERMEDIATE BY WALL

PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41000600 enail id-Info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:- DRG. NO:-	LEGEND:- KEY PLAN OWNER'S SIGN. ENGINEER'S / ARCHITECT'S TOWN PLANNER SIGN.
	DRAWING TITLE:- REIN. DETAILS OF DRAIN AT CHAINAGE-8	SCALE: REVISION: DATE: NORTH:- NTS		

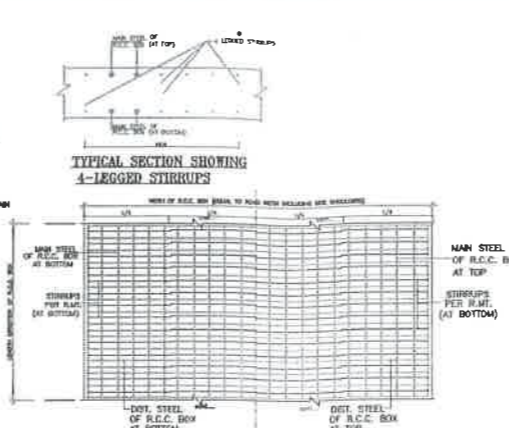
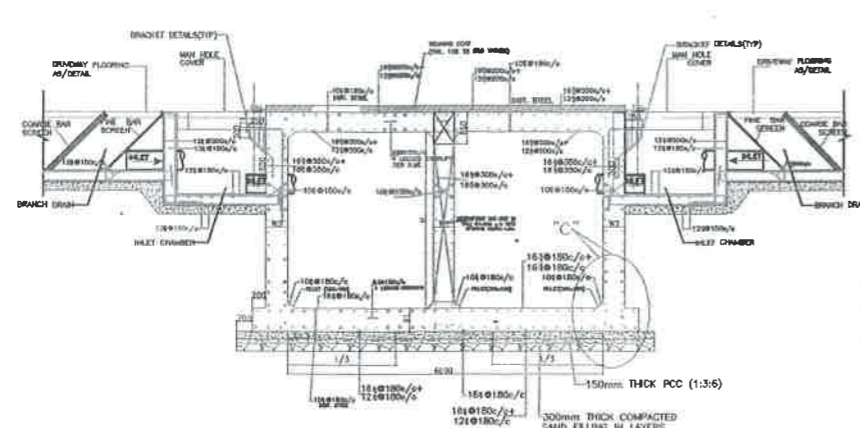


DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS II LOADING)

NO. OF BEAMS	NO. OF BEAMS (IN NO.)	LEVEL OF TOP OF BEAM (AT TOP)	LEVEL OF TOP OF BEAM (AT BOTTOM)	LEVEL OF TOP OF BEAM (AT JOINT)	LEVEL OF TOP OF BEAM (AT JOINT)	LEVEL OF TOP OF BEAM (AT JOINT)	LEVEL OF TOP OF BEAM (AT JOINT)
1	1	1.00	0.90	0.90	0.90	0.90	0.90

- GENERAL NOTES AND REFERENCES**
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS AND SPECIFICATIONS TO BE OBSERVED TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS. DO NOT SCALE ANY DIMENSION.
 3. CONFORM LOCATION OF WALLS WITH RELEVANT ARCH DGS.
 4. FOR RCC WORK USE MIX PROS CONFORMING TO IS 456:2000 OR AS SPECIFIED BY RESPECTIVE DGS.
 5. THE REINFORCEMENT SHALL BE COLD-TWISTED DEFORMED BARS OR 10T BARS WITH 20% YIELD STRENGTH NOT LESS THAN 500 N/MM² AND CONFORMING TO IS 1786-1979.
 6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 60 MM
 - (b) SURFACES IN CONTACT WITH SOIL: 40 MM
 - (c) COLUMNS: 40 MM
 - (d) BEAMS (TOP & BOTTOM): 25 MM
 - (e) SLABS: 20 MM
 - (f) CHAMBERS/CANOPY: 20 MM
 - (g) REEL WALL: 25 MM
 7. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/TIES/STIRRUPS.
 8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 9. --- INDICATES TOP BARS
--- INDICATES BOTTOM BARS
 10. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
 11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECT TO THE CENTRE LINE OF COLUMN.
 12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FEEL NECESSARY WITH SPACED BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENT AS PER IS 456.
 13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DGS & IN CASE OF ANY DISCREPANCY ARCHITECT'S DGS SHALL PREVAIL.
 14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 15. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DRG UNLESS OTHERWISE SHOWN.
 16. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CONFINING REINFORCEMENT SHALL EXTEND THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
 17. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
 18. PROVIDE DIST STEEL OVER EXTRA TOP BARS @ 800 C/C @ 10% OF 8000 C/C @ 10%.
 19. BLACK COTTON SOIL IF ENCOUNTERED IN TRENCHES, SHALL BE FULLY REMOVED.
 20. ALL LOOSE POCKETS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH PCC 1:3:6.
 21. A SAFE BEARING CAPACITY 255 T/M² HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 120 T/M² ISOLATED FOOTING AT THE DEPTH OF 3.0m BELOW NGL.
- SPL. NOTE**
1. IN NORMAL CIRCUMSTANCES AND WHERE BROADWAY PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:
 - WALLS, COLUMNS AND VERTICAL FACIES OF ALL MEMBERS: 36 TO 48 HOURS
 - SLABS (PROPS LEFT UNDER): 3 DAYS
 - REMOVAL OF PROPS UNDER SLABS: 7 DAYS
 - SPANNING UP TO 4.50M: 7 DAYS
 - SPANNING OVER 6.00M: 21 DAYS
 2. WHERE POSSIBLE, THE FORMWORK SHALL BE JUST LINGER AS IT WOULD ASSIST CURING.
 3. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOAD OVER THE BEARING HAS BEEN ATTAINED AS BUILDING MASTER PLAN OTHERWISE.
 4. THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING END.
 5. UNLESS OTHERWISE INDICATED IN THE DRAWING CONSTRUCTION JOINTS IN FLOORS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBERS (SLAB/SECONDARY BEAM). UNLESS A SECONDARY BEAM INTERSECTS A MAIN BEAM AT THE JOINT IN WHICH CASE THE JOINTS IN THE MAIN BEAM SHALL BE OFFSET BY 300mm TO BE AT THE END OF THE MAIN BEAM.
 6. SECONDARY BEAM.
 7. WHILE POURING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1500 mm TO AVOID SEGREGATION.
 8. STRICT SUPERVISION SHALL BE DONE AS PER MATERIAL BUILDING CODE (RECENT VERSION).
 9. ALL SUPERVISION OR CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
 10. ANY DISCREPANCY IN EXECUTION OF WORK AS/ SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE OF ENGINEER IN CHARGE.

PROJECT:- KINNISH Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION DRAWING TITLE:- REINF. DETAILS OF DRAIN AT CHAINAGE-02	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088600 email id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:- DRG. NO:- <table border="1"> <thead> <tr> <th>SCALE</th> <th>REVISION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>-NTS</td> <td></td> <td></td> </tr> </tbody> </table>	SCALE	REVISION	DATE	-NTS			LEGEND:- KEY PLAN	ENGINEERS / ARCHITECTS TOWN PLANNER SIGN. OWNER'S SIGN.
SCALE	REVISION	DATE									
-NTS											

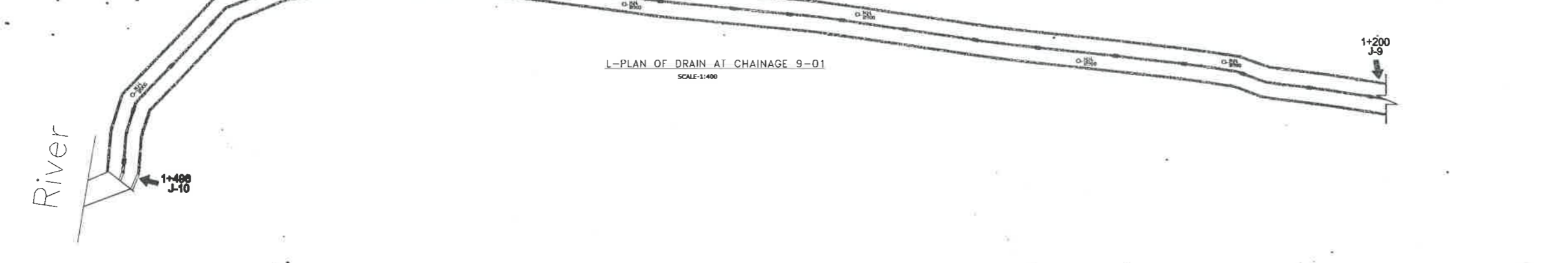
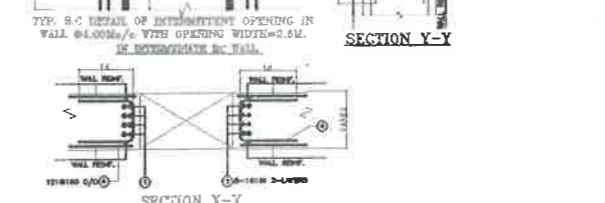
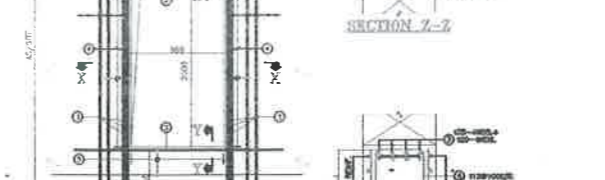
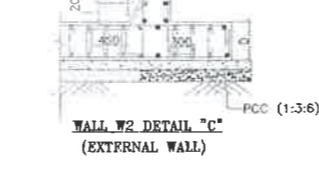
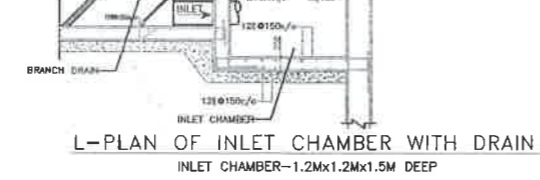
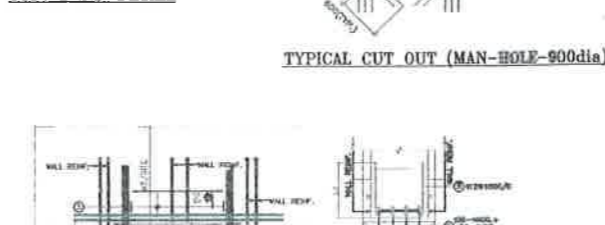
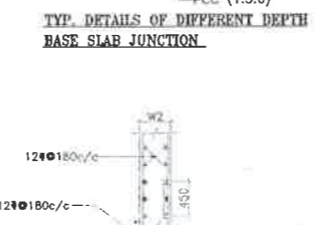
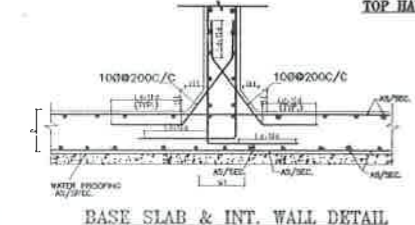
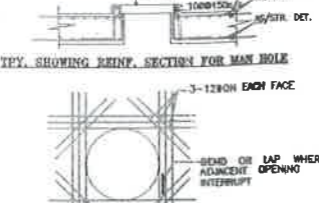
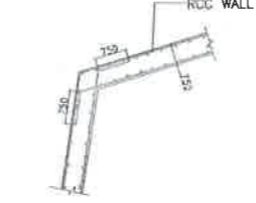
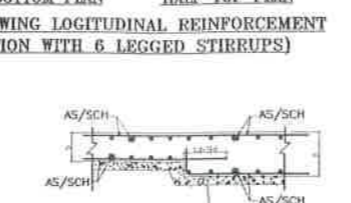
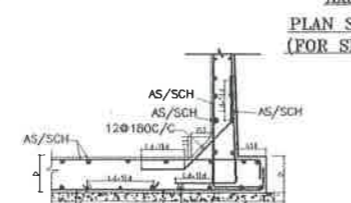
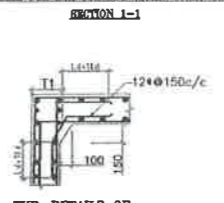
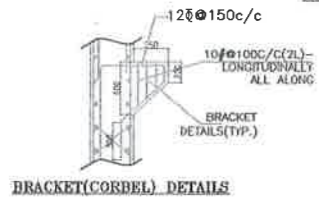


DETAILS FOR RCC DRAIN STRUCTURE (FOR CLASS II LOADING)

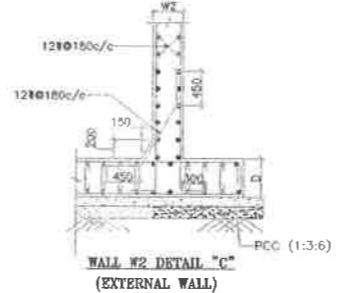
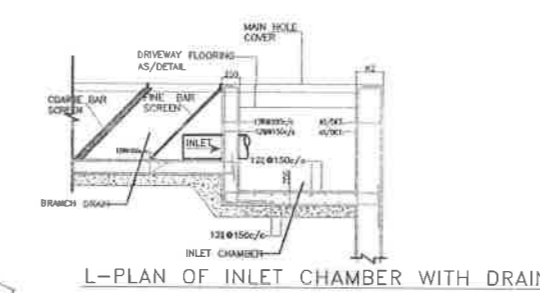
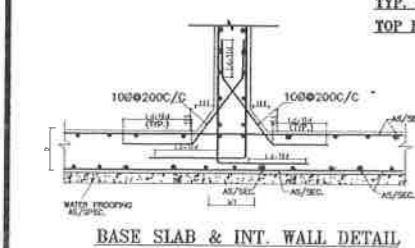
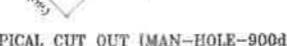
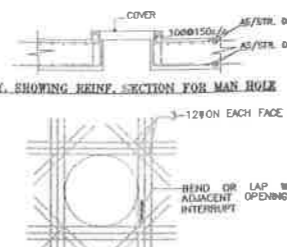
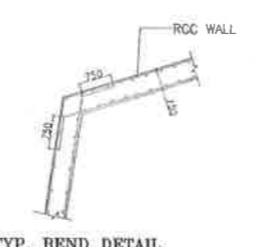
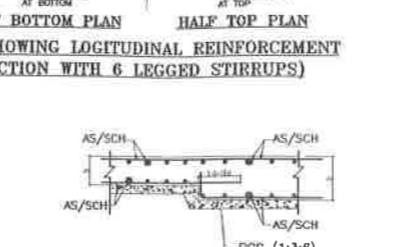
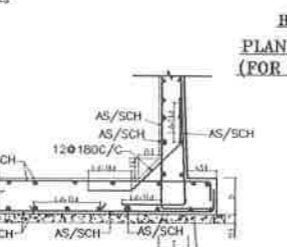
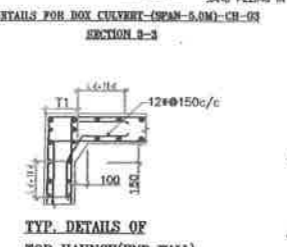
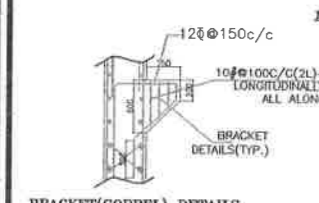
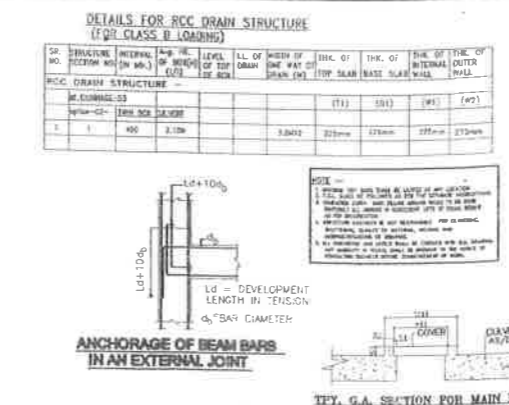
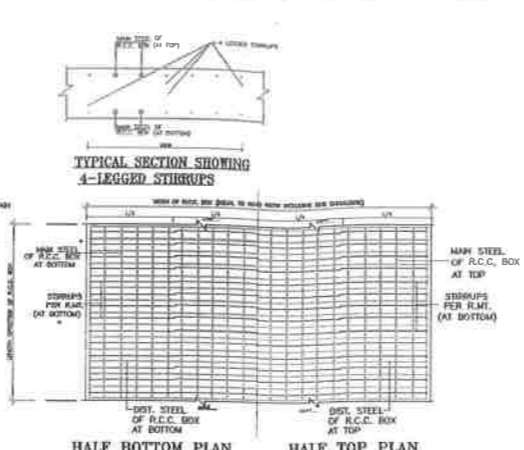
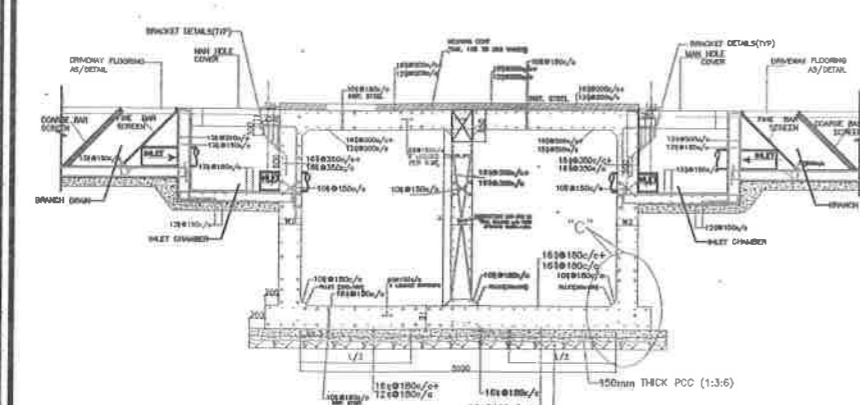
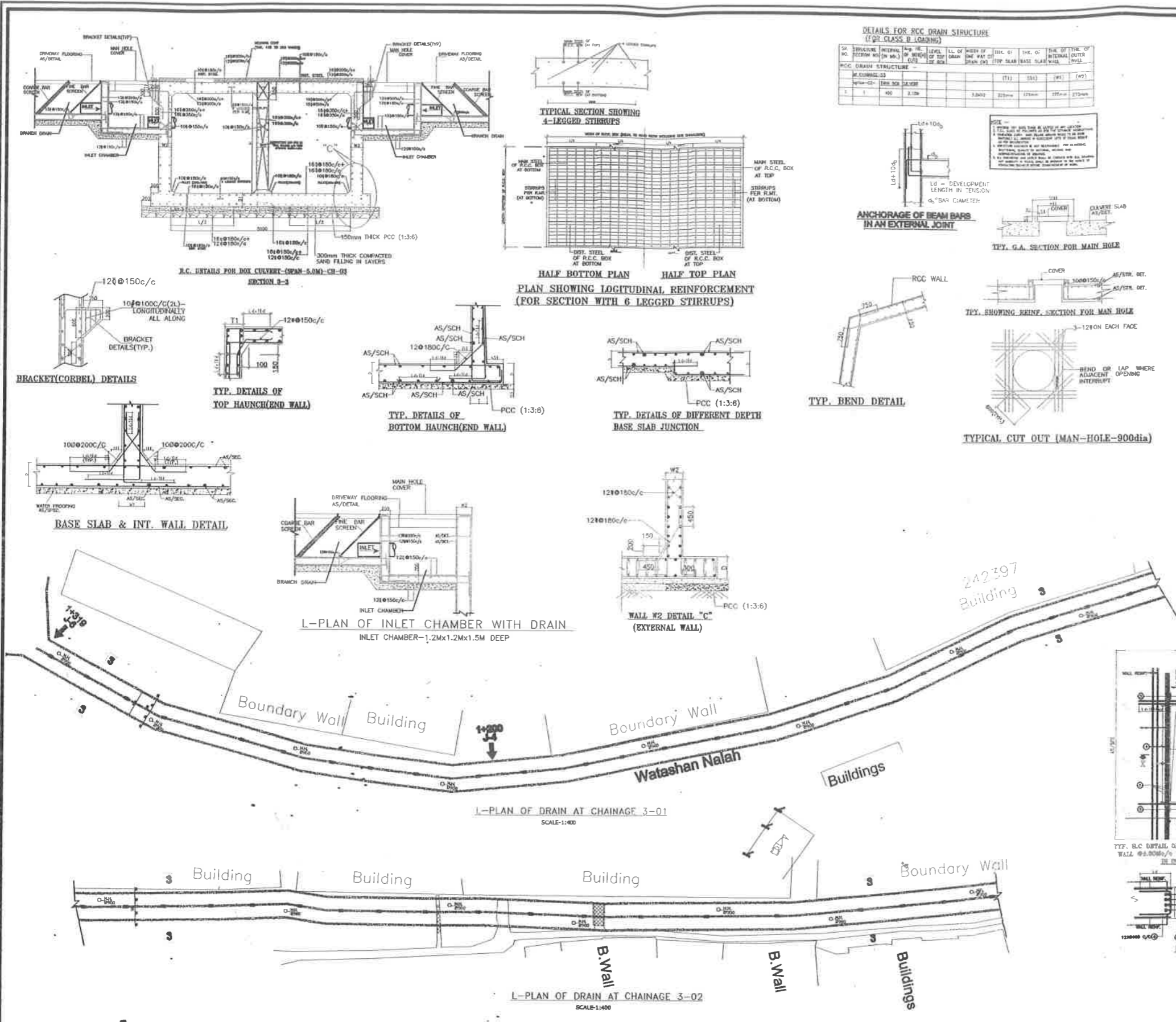
SR.	DESCRIPTION	UNIT	QTY.
1	RCC DRAIN STRUCTURE	M	1.00
2	CONCRETE	M ³	1.00
3	STEEL	T	1.00

GENERAL NOTES

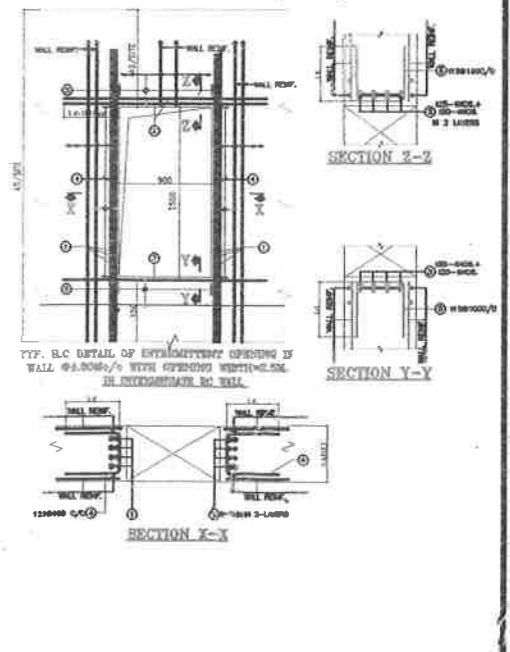
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS. FOR RCC WORK USE MIX M25 CONCRETE TO IS 456 + 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
5. THE REINFORCEMENT SHALL BE COLLECTIVELY REFERRED BARS OR THAT SHOPS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND ENDORSEMENT TO IS 1786 - 1979.
6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 50 MM
 - (b) COLUMNS: 40 MM
 - (c) BEAMS (TOP & BOTTOM): 25 MM
 - (d) SLABS: 20 MM
 - (e) CHAJJAS/CANOPY: 20 MM
 - (f) R.C.C. WALL: 25 MM
7. NOMINAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/TIES/STIRRUPS.
8. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
9. ----- INDICATES TOP BARS
10. ALL RCC TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-LATEST.
11. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECT TO THE CENTRE LINE OF COLUMN.
12. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUR NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456.
13. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRGS. IN CASE OF ANY DISCREPANCY ARCHITECT'S DRGS. SHALL PREVAIL ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
14. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT.
15. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DRG UNLESS OTHERWISE SHOWN.
16. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE. THE SPECIAL CONFINING REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
17. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
18. PROVIDE BEST STEEL OVER EXTRA TOP BARS FOR R.C.C. (R) BY 200 C/C (R).
19. BLACK COTTON SOIL IF ENCOUNTERED IN FEM PITS, SHALL BE FULLY REMOVED.
20. ALL LEDGE PROCKETS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH P.C.C. 1:4:8.
21. A SAFE BEARING CAPACITY 250 T/A HAS BEEN CONSIDERED FOR RAFT FOUNDATION & 10T/M ISOLATED FOOTING AT THE DEPTH OF 2.00M BELOW MGL.



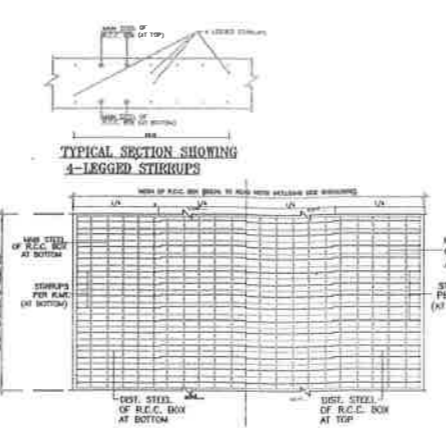
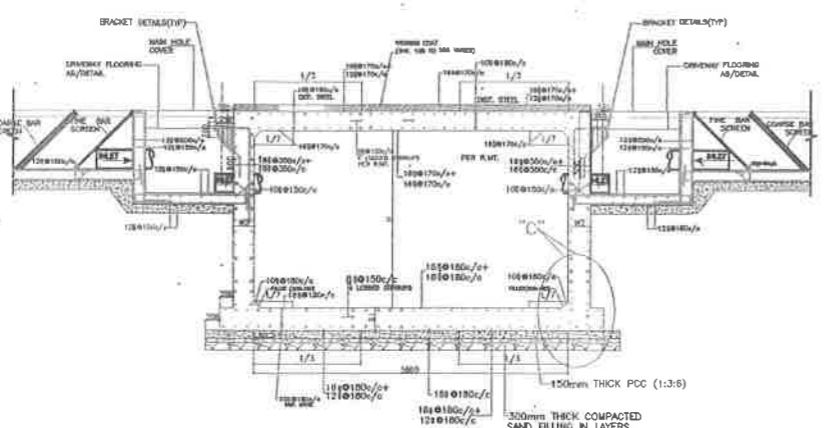
PROJECT:- KINNISH Nahal at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41066600 email Id-Info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:-				LEGEND:- KEY PLAN	OWNER'S SIGN	ENGINEERS / ARCHITECTS / TOWN PLANNER SIGN		
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NTS											



- GENERAL NOTES - NOTES & REFERENCES**
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSION.
 4. CONFIRM LOCATION OF VALVES WITH RELEVANT ARCH. DRGS.
 5. FOR RCC WORK USE MIX 1:2 CONFORMING TO IS 456 + 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
 6. THE REINFORCEMENT SHALL BE COLLECTIVELY DEFORMED BARS OR TMT BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm² AND CONFORMING TO IS 1786 - 1979.
 7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: surfaces in contact with earth
 - (b) COLUMNS: 40 MM
 - (c) BEAMS (top & bottom): 25 MM side cover 25mm
 - (d) SLABS: 20 MM
 - (e) CHALKS/CANOP: 20 MM
 - (f) R.C.C. WALL: 25 MM
 8. MINIMAL COVER IS THE BIRTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/ TIES/ STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. INDICATES TOP BARS
 11. INDICATES BOTTOM BARS
 12. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS 456-1978
 13. ALL FORMS ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN
 14. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FEASIBLE NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 456
 15. SPACER BAR
 16. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRAWING. IN CASE OF ANY DISCREPANCY ARCHITECT'S DRAWING SHALL PREVAIL ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 17. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS DESIGN IN DRG UNLESS OTHERWISE SHOWN
 18. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CONFIRMING BE PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS
 19. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED
 20. PROVIDE DIST. STEEL OVER EXTRA TOP BARS @ 800 c/c @ 180°
 21. BLACK COTTON SSDL IF ENCOUNTERED IN FOM PITS, SHALL BE FULLY REMOVED
 22. ALL LODGE POCKETS OF SSDL BELT FOUNDATION SHALL BE FILLED WITH REPAIR
 23. A SAFE BEARING CAPACITY 20% IS HAS BEEN CONSIDERED FOR RAFT FOUNDATION & ISOLATED FOOTING AT THE DEPTH OF 3.0M BELOW NGL.
- TYP. NOTE**
1. IN NORMAL CIRCUMSTANCES AND UNLESS OTHERWISE PORTLAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIOD:
 - 1. WALLS, COLUMNS AND VERTICAL: 36 TO 40 HOURS
 - 2. SLABS (PROPS LEFT UNDER): 7 DAYS
 - 3. REMOVAL OF PROPS UNDER SLABS: 7 DAYS
 - 4. SPANNING UP TO 4500: 21 DAYS
 - 5. SPANNING OVER 4500: 28 DAYS
 - 6. WHERE POSSIBLE, THE FORMWORK SHALL BE LEFT LONGER, AS IT WOULD ASSIST CURING.
 2. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOADS OVER THE BEARING HAS BEEN ATTAINED BY BUILDING MASONRY OR OTHERWISE.
 3. THE CENTERING OF CANTILEVER BEAMS & SLABS SHALL BE REMOVED STARTING FROM OVERHANGING EDGE.
 4. UNLESS OTHERWISE INDICATED IN THE DRAWING, CONSTRUCTION JOINTS IN FLOORS SHALL BE LOCATED NEAR THE MID SPAN OF STRUCTURAL MEMBERS (SLABS, SECONDARY BEAMS), UNLESS A SECONDARY BEAM INTERSECTS A MAIN BEAM AT THIS POINT IN WHICH CASE THE JOINTS IN THE MAIN BEAM SHALL BE OFFSET BY DISTANCE EQUAL TO TWICE THE WIDTH OF THAT SECONDARY BEAM.
 5. WHILE POURING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1500 MM TO AVOID SEGREGATION.
 6. STRICT SUPERVISION SHALL BE DONE AS PER NATIONAL BUILDING CODE (GREEN VERSION)
 7. ALL SUPERVISOR OF CONSTRUCTION WORK SHALL BE DONE BY ENGINEER IN CHARGE.
 8. ANY DISCREPANCY IN EXECUTION OF WORK ON SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBILITY OF ENGINEER IN CHARGE.

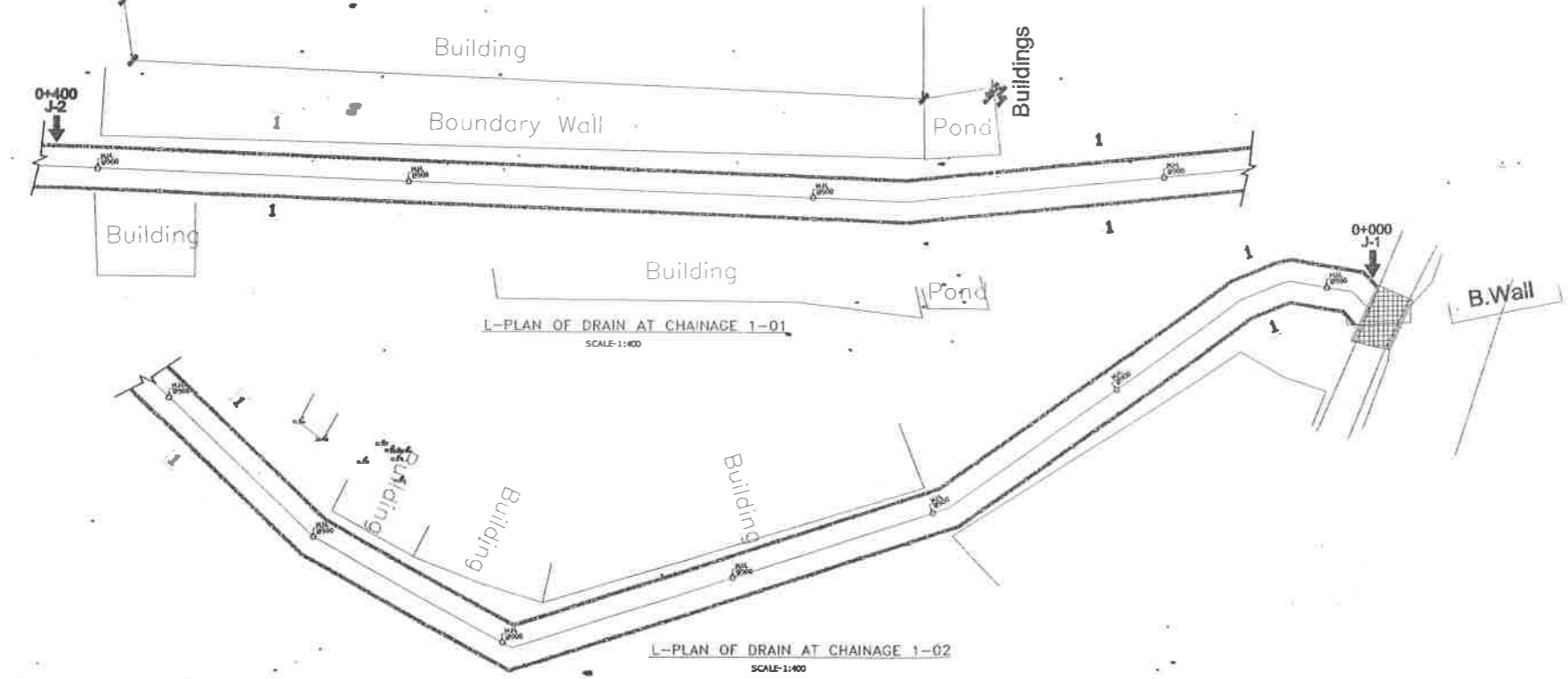
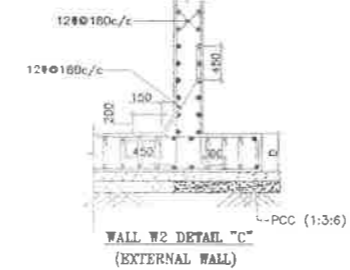
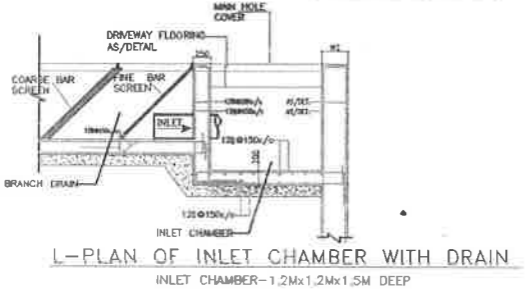
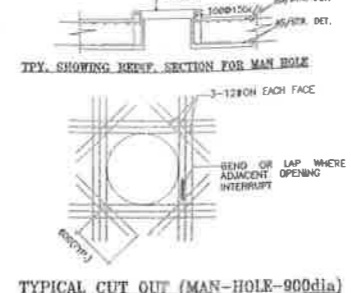
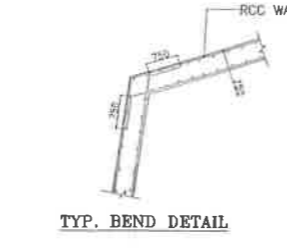
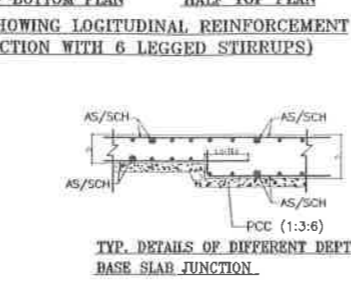
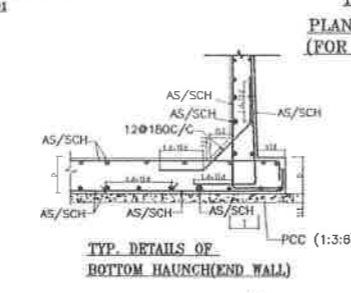
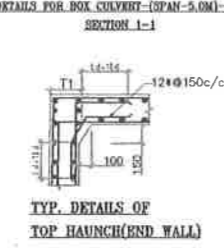
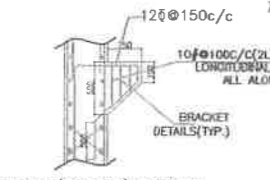
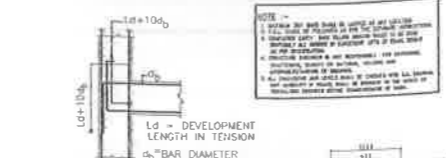


PROJECT:- Watashan Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS :- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088000 email Id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY :- DRG. NO:- SCALE REVISION DATE NORTH:- NTS	LEGEND:-



DETAILS FOR RCC DRAIN STRUCTURE (LDR CLASS 'E' LOADING)

NO. OF STRUCTURE SECTION	NO. OF R.C.C. BOXES	LEVEL OF TOP OF DRAIN	LL. OF INLET OF ONE BOX	THK. OF TOP SLAB	THK. OF BASE SLAB	THK. OF IN-TERRAZZO
1	1	1.200	1.150	150	150	150



- GENERAL NOTES - NOTES & REFERENCES**
1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS AND SPECIFICATIONS IF FEASIBLE BE BROUGHT TO THE NOTICE OF CONSULTANT.
 2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
 3. DO NOT SCALE ANY DIMENSIONS.
 4. CONFIRM LOCATION OF WALLS WITH RELEVANT AREA DRGS. FOR SEE WORK USE NEW MTD. CONFORMING TO IS 476: 2000.
 5. ALL DIMENSIONS TO BE SPECIFIED IN RELEVANT DIMS.
 6. R.C. REINFORCEMENT SHALL BE ESTABLISHED REINFORCED BARS (2) T.M.T. BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/MM² AND LEADING TO IS 1786 - 1979.
 7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:
 - (a) FOUNDATION: 60 MM
 - (b) SURFACES IN CONTACT WITH EARTH: 40 MM
 - (c) COLUMNS: 40 MM
 - (d) BEAMS (Top & Bottom): 25 MM SIDE COVER 25mm
 - (e) SLABS: 20 MM
 - (f) CHAJAS/CANOPY: 20 MM
 - (g) RCC WALL: 25 MM
 8. MINIMAL COVER IS 1/4 DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINKS/TIES/STIRRUPS.
 9. NOT MORE THAN 50% OF THE BARS SHALL BE SUPPLIED AT ANY SECTION LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
 10. INDICATES TOP BARS.
 11. INDICATES BOTTOM BARS.
 12. ALL BARS TO BE PROPERLY WELDED, VERIFIED AND CHECKED THOROUGHLY AS PER IS 4526 LATEST.
 13. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN.
 14. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FEASIBLE NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENTS AS PER IS 4526 LATEST SPACER BAR.
 15. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRAWING. IN CASE OF ANY DISCREPANCY ARCHITECT'S DRAWING SHALL PREVAIL.
 16. ALL CONSTRUCTION DETAILS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
 17. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS 500MM IN DRG UNLESS OTHERWISE SHOWN.
 18. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE OF THE SPICING. CONTINUOUS BE PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMN.
 19. IN ANGLES ARE 90° AND 45° UNLESS OTHERWISE SPECIFIED.
 20. PROVIDE DIST STEEL OVER EXTRA TOP BARS AS 900 C/C (90°) 80000 C/C (45°).
 21. BLACK COTTON SOIL IF ENCOUNTERED IN FILL PITS, SHALL BE FULLY REMOVED.
 22. ALL LOOSE PORTENTS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH P.C.C. (1:3:6).
 23. A SAFE BEARING CAPACITY 200 T/M² HAS BEEN CONSIDERED FOR RARE FOUNDATION & 100 T/M² LOCATED FOOTING AT THE DEPTH OF 300mm BELOW NGL.
- SPL. NOTE**
1. IN NORMAL CIRCUMSTANCES AND WHERE ORDINARY FERTILELAND CEMENT IS USED, FORMS MAY GENERALLY BE REMOVED AFTER THE EXPIRY OF THE FOLLOWING PERIODS:
 - WALLS, COLUMNS AND VERTICAL: 21 DAYS
 - FACES OF ALL MEMBERS: 21 DAYS
 - SLABS (PROPS LEFT UNDER): 21 DAYS
 - REMOVAL OF PROPS UNDER SLABS: 21 DAYS
 - SPACING OVER 4500: 21 DAYS
 - SPACING OVER 6000: 21 DAYS
 - WHERE FEASIBLE, THE FORMWORK SHALL BE LEFT LONGER AS IT WOULD ASSIST CURING.
 2. THE CENTERING SUPPORTING THE OVERHANGING STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNTIL SUFFICIENT BALANCING LOAD OVER THE BEARING HAS BEEN ATTAINED BY BUILDING WEIGHT OR OTHERWISE.
 3. THE CENTERING OF CONSOLE/BENCH IN SLABS SHALL BE REMOVED STARTING FROM ONE END OF THE CONSOLE.
 4. JOINTS IN FLOORS SHALL BE JOINED NEAR THE MID SPAN OF STRUCTURAL MEMBERS. IN CASE OF OVERHANGING MEMBERS, A SECONDARY BEAM SUPPORTED BY WALL OR COLUMN SHALL BE PROVIDED WHICH JOINTS IN THE WALL OR COLUMN SHALL BE JOINED BY DISTANCE EQUAL TO THREE TIMES THE WIDTH OF WALL OR SECONDARY BEAM.
 5. WHILE FORMING CONCRETE THE MAXIMUM FREE FALL SHALL NOT BE MORE THAN 1.5m TO AVOID SEGREGATION.
 6. STRICT SUPERVISION SHALL BE DONE AS PER NATIONAL BUILDING CODE (BRECHT VERSION).
 7. ALL SUPERVISION OF CONSTRUCTION WORK SHALL BE DONE BY ENGINEER IN CHARGE.
 8. ANY DISCREPANCY IN EXECUTION IS WORK AS SHOWN OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE OF ENGINEER IN CHARGE.

PROJECT:- Watashan Nalah at MADHUBANI	CLIENT:- BIHAR URBAN INFRASTRUCTURE DEVELOPMENT CORPORATION	CONSULTANTS:- RUDRABHISHEK ENTERPRISES PVT. LTD. 820, ANTRIKSH BHAWAN, 22, K.G.MARG NEW DELHI-110001. PH. - 011-41088600 email Id-info@replurbanplanners.com www.replurbanplanners.com	CHECKED BY:- DEALT BY:- DRG. NO:-	LEGEND:-								
DRAWING TITLE :- REINE DETAILS OF DRAIN AT CHAINAGE-01, 02, 03			<table border="1"> <thead> <tr> <th>SCALE</th> <th>REVISION</th> <th>DATE</th> <th>NORTH</th> </tr> </thead> <tbody> <tr> <td>NTS</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	SCALE	REVISION	DATE	NORTH	NTS				
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