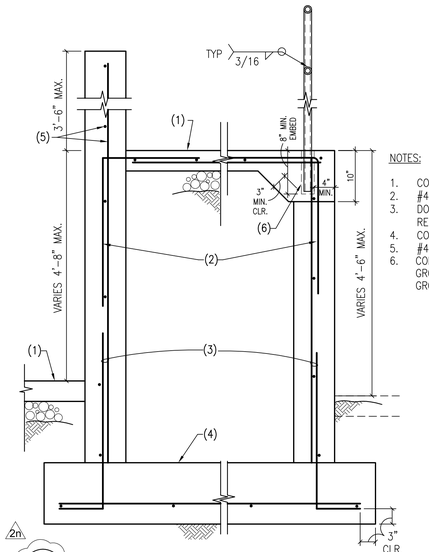
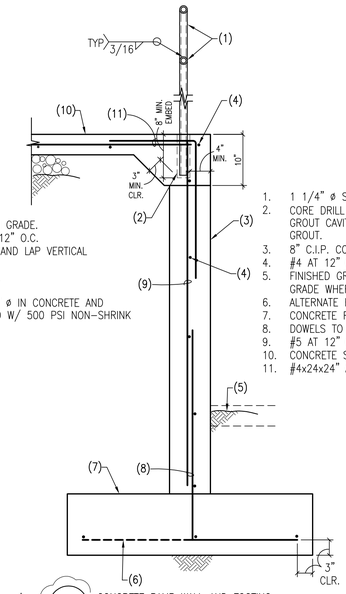


NOTES:

1. CONCRETE SLAB ON GRADE.
2. #4 AT 24"x24" AT 12" O.C.
3. DOWELS TO MATCH AND LAP VERTICAL REINFORCING.
4. CONCRETE FOOTING.
5. #4 AT 12" O.C.
6. CORE DRILL 3 1/2" ø IN CONCRETE AND GROUT CAVITY SOLID W/ 500 PSI NON-SHRINK GROUT.

2n 145 SECTION – CONCRETE RAMP

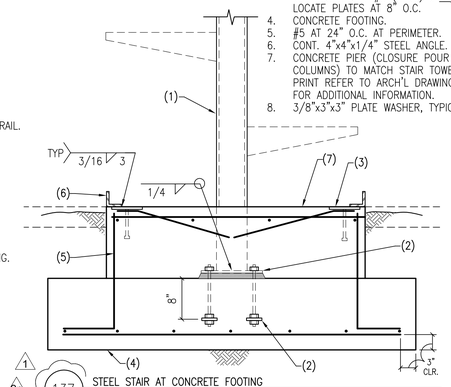
NO SCALE



1. 1 1/4" ø STAINLESS STEEL PIPE SCH. 80S HANDRAIL.
2. CORE DRILL 3 1/2" ø IN CONCRETE AND GROUT CAVITY SOLID W/ 500 PSI NON-SHRINK GROUT.
3. 8" C.I.P. CONCRETE WALL.
4. #4 AT 12" O.C.
5. FINISHED GRADE OR CONCRETE SLAB ON GRADE WHERE OCCURS.
6. ALTERNATE BENDS.
7. CONCRETE FOOTING.
8. DOWELS TO MATCH AND LAP VERTICAL REINFORCING.
9. #5 AT 12" O.C.
10. CONCRETE SLAB ON GARDE.
11. #4x24x24" AT 12" O.C.

2n 141 CONCRETE RAMP WALL AND FOOTING

NO SCALE

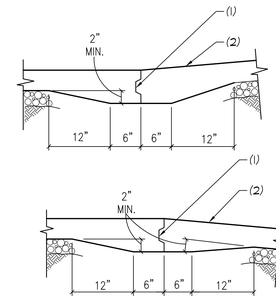


NOTES:

1. STEEL STAIR COLUMN.
2. STEEL BASEPLATE W/ DOUBLE NUTS OVER DRYPACK.
3. 3/8"x6"x12" STEEL PLATE W/ 2 – 3/4"ø x6" H.S. AND 1 #5 (A706) x 4" 16" LOCATE PLATES AT 8" O.C.
4. CONCRETE FOOTING.
5. #5 AT 24" O.C. AT PERIMETER.
6. CONT. 4"x4"x1/4" STEEL ANGLE.
7. CONCRETE PIER (CLOSURE POUR AROUND COLUMNS) TO MATCH STAIR TOWER FOOT-PRINT REFER TO ARCH'L DRAWINGS FOR ADDITIONAL INFORMATION.
8. 3/8"x3"x3" PLATE WASHER, TYPICAL.

1 2n 137 STEEL STAIR AT CONCRETE FOOTING

NO SCALE

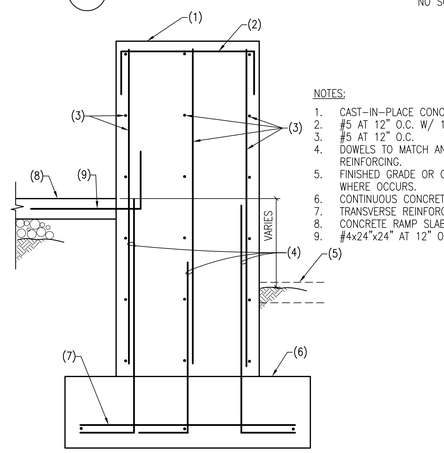


NOTES:

1. CONTINUOUS KEY – REFER TO TYPICAL KEY IN CONCRETE DETAIL.
2. CONCRETE SLAB ON GRADE.

133 RAMP AT CONCRETE SLAB ON GRADE

NO SCALE

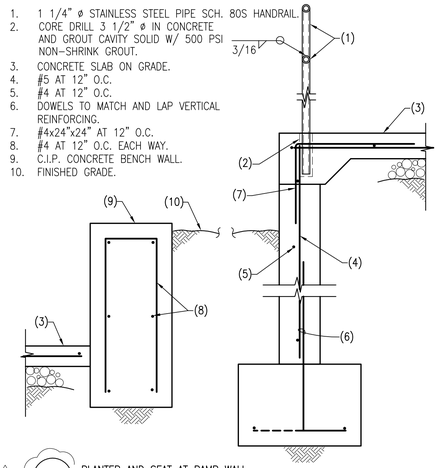


NOTES:

1. CAST-IN-PLACE CONCRETE WALL.
2. #5 AT 12" O.C. W/ 12" BEND.
3. #5 AT 12" O.C.
4. DOWELS TO MATCH AND LAP VERTICAL REINFORCING.
5. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
6. CONTINUOUS CONCRETE FOOTING.
7. TRANSVERSE REINFORCING.
8. CONCRETE RAMP SLAB.
9. #4x24"x24" AT 12" O.C.

134 RAMP WALL AND FOOTING

NO SCALE

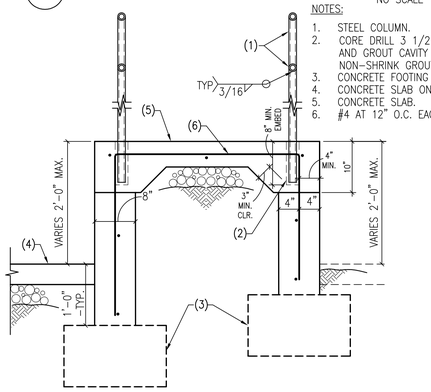


NOTES:

1. 1 1/4" ø STAINLESS STEEL PIPE SCH. 80S HANDRAIL.
2. CORE DRILL 3 1/2" ø IN CONCRETE AND GROUT CAVITY SOLID W/ 500 PSI NON-SHRINK GROUT.
3. CONCRETE SLAB ON GRADE.
4. #5 AT 12" O.C.
5. #4 AT 12" O.C.
6. DOWELS TO MATCH AND LAP VERTICAL REINFORCING.
7. #4x24"x24" AT 12" O.C.
8. #4 AT 12" O.C. EACH WAY.
9. C.I.P. CONCRETE BENCH WALL.
10. FINISHED GRADE.

2n 146 PLANTER AND SEAT AT RAMP WALL

NO SCALE

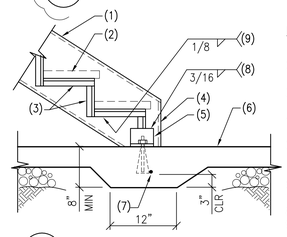


NOTES:

1. STEEL COLUMN.
2. CORE DRILL 3 1/2" ø IN CONCRETE AND GROUT CAVITY SOLID W/ 500 PSI NON-SHRINK GROUT.
3. CONCRETE FOOTING AS OCCURS.
4. CONCRETE SLAB ON GRADE.
5. CONCRETE SLAB.
6. #4 AT 12" O.C. EACH WAY.

2n 143 CONCRETE RAMP SLAB

NO SCALE

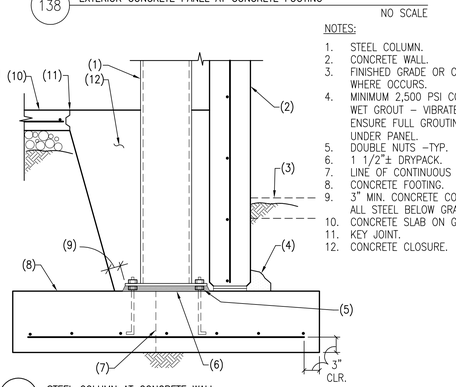


NOTES:

1. STEEL STAIR BEAM.
2. FOR TREADS AND RISERS, SEE ARCH'L DRAWINGS.
3. STEEL ANGLE 1 1/4" X 1 1/4" X 3/16" – TYPICAL.
4. 3/16" CLOSURE PLATE – BUTT WELD ALL AROUND.
5. STEEL ANGLE 4" X 3" X 1/4" (SLV) X 3" LONG WITH 1 – 3/4" DIA. EXPANSION BOLT.
6. CONCRETE SLAB ON GRADE.
7. 1 #4 CONTINUOUS.
8. 3 SIDES.
9. EACH END OF EACH ANGLE –TYP.

142 STEEL PAN STAIRS AT SLAB ON GRADE

NO SCALE

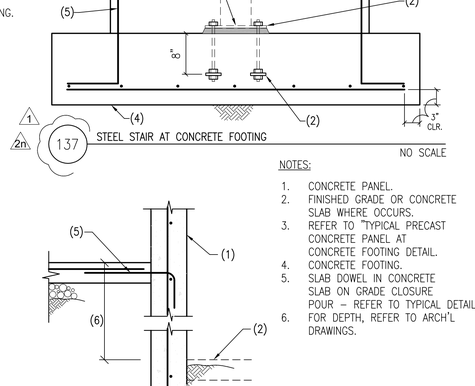


NOTES:

1. STEEL COLUMN.
2. CONCRETE WALL.
3. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
4. MINIMUM 2,500 PSI CONCRETE WET GROUT – VIBRATE TO ENSURE FULL GROUTING UNDER PANEL.
5. DOUBLE NUTS –TYP.
6. 1 1/2"± DRYPACK.
7. LINE OF CONTINUOUS FOOTING BEYOND.
8. CONCRETE FOOTING.
9. 3" MIN. CONCRETE COVER ALL AROUND ALL STEEL BELOW GRADE.
10. CONCRETE SLAB ON GRADE.
11. KEY JOINT.
12. CONCRETE CLOSURE.

139 STEEL COLUMN AT CONCRETE WALL

NO SCALE



NOTES:

1. 1 1/4" ø STAINLESS STEEL PIPE SCH. 80S HANDRAIL –REFER TO ARCH'L DRAWINGS.
2. 3/8"x6"x8" STEEL PLATE W/ 2 – 1/2"ø ANCHORS AT 6" O.C.
3. FINISHED GRADE.
4. 1 #4 CONT. TOP AND BOTTOM AND AT 12" O.C.
5. 4" THICK CONCRETE RAMP SLAB ON GRADE.
6. #4 AT 12" O.C.
7. CORE DRILL 3 1/2" ø IN CONCRETE AND GROUT CAVITY SOLID W/ 500 PSI NON-SHRINK GROUT.

2n 140 HANDRAIL AT CONCRETE EDGE FOOTING

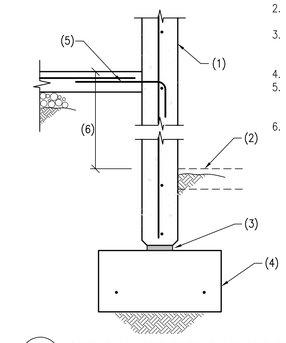
NO SCALE

NOTES:

1. STEEL COLUMN.
2. CONCRETE WALL.
3. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
4. MINIMUM 2,500 PSI CONCRETE WET GROUT – VIBRATE TO ENSURE FULL GROUTING UNDER PANEL.
5. DOUBLE NUTS –TYP.
6. 1 1/2"± DRYPACK.
7. LINE OF CONTINUOUS FOOTING BEYOND.
8. CONCRETE FOOTING.
9. 3" MIN. CONCRETE COVER ALL AROUND ALL STEEL BELOW GRADE.
10. CONCRETE SLAB ON GRADE.
11. KEY JOINT.
12. CONCRETE CLOSURE.

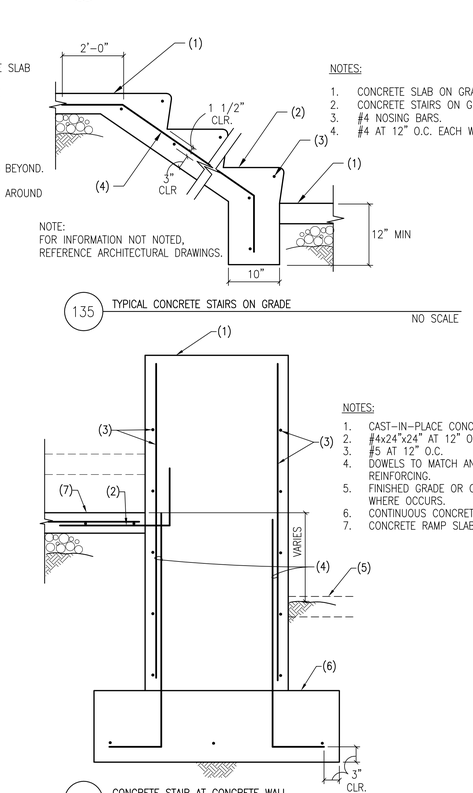
138 EXTERIOR CONCRETE PANEL AT CONCRETE FOOTING

NO SCALE



NOTES:

1. CONCRETE PANEL.
2. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
3. REFER TO "TYPICAL PRECAST CONCRETE PANEL AT CONCRETE FOOTING DETAIL.
4. CONCRETE FOOTING.
5. SLAB DOWEL IN CONCRETE SLAB ON GRADE CLOSURE POUR – REFER TO TYPICAL DETAIL.
6. FOR DEPTH, REFER TO ARCH'L DRAWINGS.



NOTES:

1. CONCRETE SLAB ON GRADE.
2. CONCRETE STAIRS ON GRADE.
3. #4 NOSING BARS.
4. #4 AT 12" O.C. EACH WAY.

NOTE:
FOR INFORMATION NOT NOTED, REFERENCE ARCHITECTURAL DRAWINGS.

135 TYPICAL CONCRETE STAIRS ON GRADE

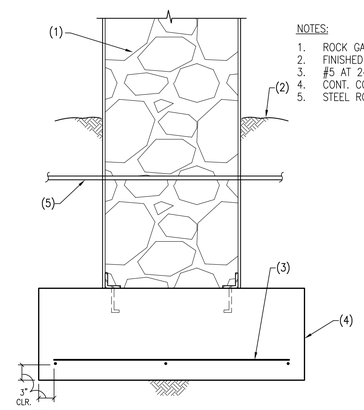
NO SCALE

NOTES:

1. CAST-IN-PLACE CONCRETE WALL.
2. #4x24"x24" AT 12" O.C.
3. #5 AT 12" O.C.
4. DOWELS TO MATCH AND LAP VERTICAL REINFORCING.
5. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
6. CONTINUOUS CONCRETE FOOTING.
7. CONCRETE RAMP SLAB.

136 CONCRETE STAIR AT CONCRETE WALL

NO SCALE

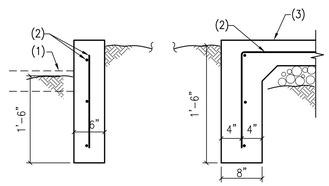


NOTES:

1. ROCK GABION WALL.
2. FINISHED GRADE.
3. #5 AT 24" O.C.
4. CONT. CONCRETE FOOTING.
5. STEEL ROD –REF. DETAIL 157.

147 ROCK GABION WALL AT CONCRETE FOOTING

NO SCALE



NOTES:

1. FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
2. #4 AT 12" O.C. EACH WAY.
3. CONCRETE SLAB ON GRADE.

144 PLANTER AT CONCRETE SLAB

NO SCALE

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FOR CONSTRUCTION

KEY PLAN

CERTIFICATIONS

REVISION NOTES

MARK	DATE	DESCRIPTION
1	02/01/10	ADDENDUM #1
2	02/12/10	ADDENDUM #2

ADDENDUM DELTA TYPES

X ISSUED BY ADDNM. SKETCH OR BY RE-ISSUED SHEET
Xn ISSUED BY ADDNM. NARRATIVE (TEXT) ONLY
Xb ISSUED BY ADDNM. RESPONSE TO BIDDER QUESTION ONLY

GRAPHIC SCALE

0 4' 16'
2' 8' 20'

CONTRACTORS

BUILDING

PROJECT

DRAWING

DRAWING TITLE	FOUNDATION DETAILS
FILE NAME	55102-NAZ00001.DWG
FLOOR NO.	01
DRAWN BY	DTR
DATE DRAFTED:	1/3/2010
CHECKED BY	FJN
SHEET SIZE:	30 X 42

DRAWING NO. 1 Z S5102

PACKAGE | DISC. | TYPE | SHEET NO.