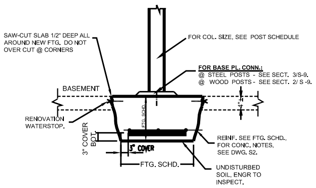


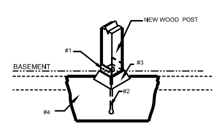
SECT. 1
TYP. REINF. CONC. FTG. DETAIL.

FTG. #	FTG. SIZE	REINF.
	FOOTING SCHEDULE	
F2448	2'-0" x 4'-0" x 1'-3"	4 - #5 BOT., LONG DIREC. 6 - #5 BOT., SHORT DIR.
F3636	3'-0" x 3'-0" x 1'-3"	5 - #5 BOT., EA. WAY.
F3939	3'-3" x 3'-3" x 1'-3"	5 - #5 BOT., EA. WAY.
F4848	4'-0" x 4'-0" x 1'-3"	6 - #5 BOT., EA. WAY.

POST SCHEDULE

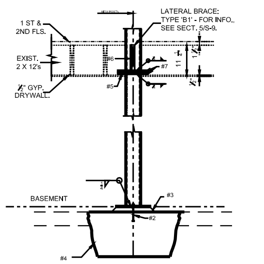
TYPE	NOMINAL SIZE (ACTUAL OUTSIDE DIMEN.)	COL. BASES CONC. FTG.	COL. CAP (@ END BM)	COL. CAP (@ INTERMED. BM)
P1	3½ X 3½ 1.8E PSL	CB44	ECC44	CC44
P2	5 1/4 X 5 1/4 1.8E PSL	CB46	ECC46	CC44
P3	4 X 4 X ¼" STR. STL. TUBE	10" x 10" x 1/2" PL*	10"x 5" x ⅜" PL.	10" x 5" x ⅜" PL.
P4	ST 4 X 4 X 3/16 STR. STL. TUBE	10" x 10" x 1/2" PL	10"x 5" x ⅜" PL.	10" x 5" x ⅜" PL.
P5	3 1/2 X 3 1/2 DF	CB44	EPC44-16	PCC44-16

NOTES:
1. POST SCHEDULE REFERENCES:
   ST - STRUCTURAL STL. TUBING - ASTM A500, GR. B, Fy = 46 KSI.
   PSL - TRUSJOIST PARALLAM COMPOSITE LUMBER, GR. 1.8E.
   DF - SELECT STR. GR DOUG FIR SAWN LUMBER, w/ 19% MAX. MOISTURE CONTENT
2. STEEL POSTS:
   A. FOR BRACING (LATERAL SUPPORT), SEE SECT. 5/S-9, FOR TYPE B1.
   B. FOR SPLICE CONNECTIONS, SEE SECT. 3/S-9.
   C. ALL POSTS SHALL BE LATERALLY BRACED IN BOTH DIRECTIONS.
   D. FOR TYP. STEEL COL. CAP & BASE DETAIL, SEE SECTS. #3/S-9.
3. WOOD POST CONNECTIONS
   A. FOR TYP. WOOD POST CONN. CAP & BASE DETAIL, SEE SECTS. #2, #6, #7.
   B. SEE POST SCHD., FOR SIMPSON STRONG TIE (SST.) CONN.
   C. ALL WOOD & COMPOSITE LUMBER CONNECTORS SHALL BE MANUF. BY SST.
   D. INSTALL CONN. USING SST. NAILS. 16d x 3 1/2", OR 10d x 1 1/2", DEPENDING ON AVAILABLE NAIL PENETRATION DEPTH, OR AS OTHERWISE SPECIFIED IN SST. CATALOG.
   E. EXPOSED BOLTS & CONNECTORS SHALL BE: SST POWDER COATED BLACK FINISH.
   F. WHERE BOLTS INTERFERE WITH FINISHES, USE SST. MANUF. SCREWS, PER MANUF. RECOMD.
   G. POST BLOCKING & LATERAL BRACING INFO., SEE SECT #5/S-9.
4. FOR ADDL. INFO., SEE DWGS. S-1 & S-2.



SECT. 2
TYP. LUMBER POST BASE DETAIL.

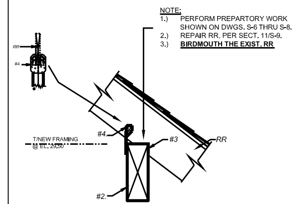
NOTE:
1. FOR SIMPSON STRONG TIE (SST), COL. BASE CONNECTOR, SEE POST SCHEDULE, DWG. S-9.
2. ANCHOR BOLTS: 1 - 5/8"Ø x 6" LONG HILTI SLEEVE ANCHORS @ 6 ½", MIN. EMBED 4 ½".
3. 1 1/4" THICK NONMETALLIC, NON-SHRINK, HIGH STRENGTH GROUT.
4. FOR BAL. OF FTG. & SLAB INFO. NOT SHOWN, SEE SECT. 1/S-9.
5. FOR BAL. OF INFO. NOT SHOWN, SEE SECT. 1/S-9.
6. THE TERM "WOOD," IS USED HEREIN TO DENOTE: 1.8E PSL, OR DF. SAWN LUMBER POSTS, THRU THE CONTRACT DWGS.



SECT. 3
TYP. STEEL POST BASE DETAIL.

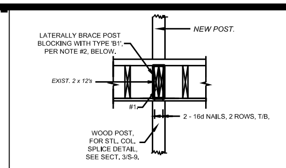
NOTE:
1. STL. BASE PL. & STL. COL. SIZE SHOWN IN POST. SCHEDULE, DWG. S-9.
2. ANCHOR BOLTS: 2 - 5/8"Ø x 6" LONG HILTI SLEEVE ANCHORS @ 6 1/2" MIN. EMBED 4 1/2", EDGE DIST. 1 1/4", (CENTERLINE OF BOLTS / FACE OF STL. PL.)
3. 1 1/4" THICK NONMETALLIC, NON-SHRINK, HIGH STRENGTH GROUT.
4. FOR BAL. OF FTG. & SLAB INFO. NOT SHOWN, SEE SECT. 1/S-9.
5. 2 - 3/4"Ø A490 N - STD or NSL BOLTS, 2 ROWS.
6.
7. FOR BAL. OF INFO. NOT SHOWN, SEE SECT. 1/S-9.

NOTE:
1.) PERFORM PREPARTORY WORK SHOWN ON DWGS. S-6 THRU S-8.
2.) REPAIR RR, PER SECT. 11/S-9.
3.) **BIRDMOUTH THE EXIST. RR**



SECT. 4
TYP. GIRDER - RR. SUPPORT

NOTES:
1. LIFT EXIST. FRAMING ⅛", MONITORING EXIST. DECKING FOR CRACKAGE.
2. INSTALL NEW FRAMING @ EL. 29.50, PER DWGS. S-6 THRU S-8.
3. INSTALL BIRDMOUTH AS INDICATED IN SECT.
4. INSTALL HURICANE TIE: SST #H10, @ EA. RR.

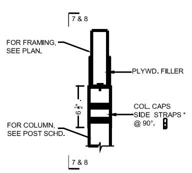


SECT. 5
TYP. POST BLOCK DETAIL.

NOTES:
1. TYP. POST BLOCKING (VERTICAL SUPPORT)
   a. INSTALL SOLID BLOCKING BELOW POST SO THAT ENTIRE POST AREA IS INDIRECT BRG. ON SUPPORT: OVER WALL, DOUBLE TOP PLATE, OR FND. SILL PL.
   b. POST BLOCKING SHALL MATCH THE FOLLOWING:
      - FLOOR FRAMING DEPTH.
      - SIZE, TYPE OF MATERIAL, & GRADE OF POST.
2. POST BRACING "B1" (LATERAL SUPPORT)
   a. LATERAL SUPPORT SHOWN ON 1st, 2nd, & ATTIC FLOOR PLANS) SHALL BE PROVIDED TO LATERALLY BRACE TOP & BOT. OF POST CONN.
   b. NO POST BRACING IS REQD., WHERE FRAMING ALIGNS WITH POST CONN., OR AT THE FND.
   c. B1 - 1¾" X 11¼" 1.9E LVL - MANUF. BY TRUSJOIST.
   d. JOIST HANGER - SST #HU9 (EA. END) w/
   e. SST NAILS, 10d x 1 1/2" or 16d x 3" BASED ON DEPTH OF PENETRATION.

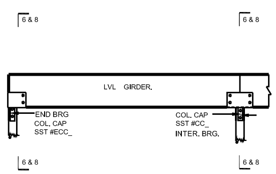
DRAWINGS INDEX

	SHT. NO.	DESCRIPTION
CONTRACT DRAWINGS	S-1	SCOPE OF WORK, PROJECT NOTES & LEGEND.
	S-2	GENERAL NOTES
	S-3	Basement Plan
	S-4	1st Floor Plan
	S-5	2nd Floor Plan
	S-6	Attic Plan
	S-7	Proposed Roof Framing <New>
	S-8	Roof Plan
	S-9	SECTIONS & DETAILS.
	S-10	SECTIONS & DETAILS
	S-11	BLDG. CROSS SECT. A
	S-12	BLDG. CROSS SECT. B
	S-13	BLDG. CROSS SECT. C
INFORMATION	DRAWINGS ISSUED FOR INFORMATION:	
	S-14	NORTH ELEV.
	S-15	SOUTH ELEV.
	S-16	EAST ELEV.
	S-17	WEST ELEV.
	S-18	TYP. WALL SECTIONS.



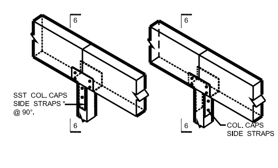
SECT. 6
TYP. SST COL. CAP. DETAIL @ WOOD POST - WD. GIRDER.

NOTES:
1. TYP. GIRDER - POST CONN. DETAIL @ COLUMN CAP DETAIL
2. FOR COL. CAP, SEE POST SCHEDULE.
3. CONN.SIDE STRAPS
   A. REQD. TO RESIST DUE TO "GIRDER TENDENCY TO SIDE ROLL." & ARE PREFERRED
   B. CONTR. SHALL SPECIFY THE COL. TIE SIDE STRAPS @ 90°, WHEN ORDERING SST. POST CAPS CONNECTORS.
   C. FOR SST. POST CAP. CONNECTORS, SEE POST SCHEDULE FOR SST. MODEL #.
4. CONN. SIDE STRAPS & ./ 5/8"Ø A307 BOLT, LOCK NUTS, @ CONN., OR OTHER CONNECTOR, TO AVOID INTERFERENCES, (IE. COUNTERSUNK).



SECT. 7
TYP. COMPOSITE LUMBER GIRDER ELEV.

NOTES:
1. PLATE & CONN. STEEL. SHALL BE ASTM A992 GR. 50 ksi.
2. FOR BAL. OF NOTES, SEE DWG. S-2.
3. MULTI-PLY GIRDER INFO., SEE SECT. _, DWG. S-10.

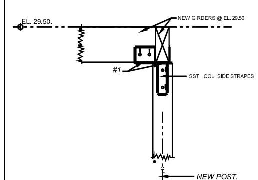


DETAIL 7A (PREFERRED)

DETAIL 7B (NOT PREFERRED) DUE TO TENDENCY OF CONN. TO ROLL.

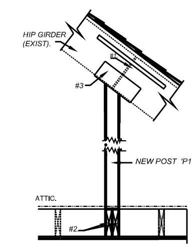
SECT. 8
TYP. SIDE STRAPS @ SST COL. CAPS

NOTE:
1. SEE SECT. 7, FOR ADDL. INFO.



SECT. 9
TYP. SST. COL CAP DETAIL @ CORNERS OF NEW FRAMING @ EL. 29.50 (4 LOCATIONS).

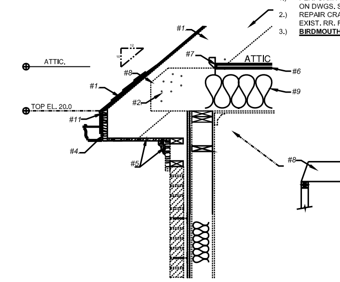
NOTES:
1. GC ORDER SST# COL. CAPS:
   ECCQ 44 SDS2.5 - LL
   ECCQ 46 SDS2.5 - RL
   USE: 1/4 X 2 1/2" SDS SCREWS.



SECT. 10
TYP. HIP GIRDER SUPPORTS (8 locations)

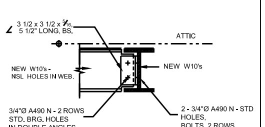
NOTES:
1. INSTALL POSTS TO SUPPORT DISCONT. EXIST. HIP GDR. FRAMING, AS CORRECTIVE MEASURE.
2. ATTIC FRAMING:
   INSTALL NEW 3 1/2 X 11 ¼ LVL - CJ w/ SST HU412 JOIST HANGER @ EA. END.
3. HURICANE TIE: SST #H10

NOTE:
1.) PERFORM PREPARTORY WORK SHOWN ON DWGS. S-6 THRU S-8.
2.) REPAIR CRACKED, WARPED & DAMAGED EXIST. RR. FOR ADDL. INFO. SEE NOTE
3.) **BIRDMOUTH EXIST. RR, PER SECT. 4/S**



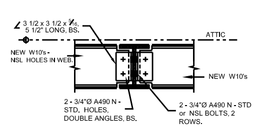
SECT. 11
TYP. FASCIA DETAIL.

NOTES :
1. CONTRACTOR TO BID: INSTALLING 20 - 1 ¾ x 11 ¼ LVL RR x 28' LENGHES TO REPL. EXIST. DAMAGED FRAMING.
2. FASTEN RR - CJ: 8 - 16D X 3 1/2" NAILERS. TO EXIST. 2 X 12 CJ @ 16 OC.
3. CONTR. COORD. w/ SLATE ROOFER:
   A. INSTALLING: ICE & WATER SHIELDS.
   B. REMOVING & REPLACING FLASHING.
   C. STAGING REMOVAL & REINSTALL. OF SLATE TILE ROOF, AS PER NOTES, DWG. S-7.
4. REPL. EXIST RIM BOARD & FASCIA BOARD: 1 1/4" TSL RIM BD. (TRUSJOIST).
5. SEE DWG. S-11 & S-18,FOR ADDL. WALL & ROOFINFO.
6. ATTIC FL. DECKING OVER APPROX. 500 SF. IN LOCATIONS OF MISSING ATTIC DECKING: INSTALL 5 / 8" (16 SPAN RATED) STURDI-PLYWOOD SCREWED & GLUED TO CJ.
7. INSTALL NEW HURRICANE TIEs: SST HDI #3 @ EA. RR.
8. DO NOT BEVEL CUT LVL ROOF RAFTERS BEYOND THE INSIDE FACE OF WALL @ LOCATIONS OF NEW SISTERED RR. FRAMING.
9. RESTORE R30 BATT INSUL., VAPOR RETARDER WARM FACE. CUT-AWAY VIEW SHOWN.
10. CONTR. TO CHK. BAL. OF FRAMING, AND PROVIDE ADDL. NAILS AS REQD., TO CONN. RR-FLOOR, AS SHOWN IN SECT. 11.
11. EXTEND METAL FLASHING INTO GUTTER.



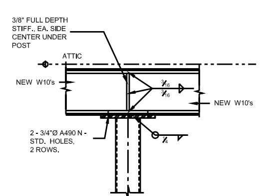
SECT.12
TYP. STL BEAM - GDR. CONN DETAIL

NOTES:
1. CONN. PLS & ANGLES TO BE ASTM A36, Fy= 36 ksi
2. 3/8" FULL DEPTH STIFF., EA. SIDE CENTER UNDER POST, TYP.
3. 3/4"Ø A490 N BEARING BOLT CONNECTIONS.
4. BOLT HOLES:
   a. STD. HOLES, IN CONN. PLATES & ANGLES.
   b. NSL. INDICATES NORMAL(PERP) SLOTTED HOLES IN WEBS.
5. SHIM AS REQUIRED USING:
   FINGER JOINT SHIMS, WELDED 1 / 8" THK. STEEL PLATED IN FULL BEARING, (TYP.) THRUOUT ALL DETAILS, SHOWN HEREIN.
6. FOR STRUCTURAL STEEL NOTES, SEE DWG. S-2.



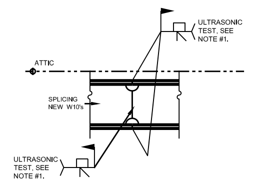
SECT.13
TYP. STL BEAM - GDR. CONN DETAIL

NOTES:
1. CONN. PLS & ANGLES TO BE ASTM A36, Fy= 36 ksi
2. 3/8" FULL DEPTH STIFF., EA. SIDE CENTER UNDER POST, TYP.
3. 3/4"Ø A490 N BEARING BOLT CONNECTIONS.
4. BOLT HOLES:
   a. STD. HOLES, IN CONN. PLATES & ANGLES.
   b. NSL. INDICATES NORMAL(PERP) SLOTTED HOLES IN WEBS.
5. SHIM AS REQUIRED USING:
   FINGER JOINT SHIMS, WELDED 1 / 8" THK. STEEL PLATED IN FULL BEARING, (TYP.) THRUOUT ALL DETAILS, SHOWN HEREIN.
6. FOR STRUCTURAL STEEL NOTES, SEE DWG. S-2.



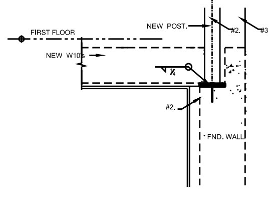
SECT.14
TYP. STL BEAM - GDR. CONN DETAIL

NOTES:
1. CONN. PLS & ANGLES TO BE ASTM A36, Fy= 36 ksi
2. 3/8" FULL DEPTH STIFF., EA. SIDE CENTER UNDER POST, TYP.
3. 3/4"Ø A490 N BEARING BOLT CONNECTIONS.
4. BOLT HOLES:
   a. STD. HOLES, IN CONN. PLATES & ANGLES.
   b. NSL. INDICATES NORMAL(PERP) SLOTTED HOLES IN WEBS.
5. SHIM AS REQUIRED USING:
   FINGER JOINT SHIMS, WELDED 1 / 8" THK. STEEL PLATED IN FULL BEARING, (TYP.) THRUOUT ALL DETAILS, SHOWN HEREIN.
6. FOR STRUCTURAL STEEL NOTES, SEE DWG. S-2.



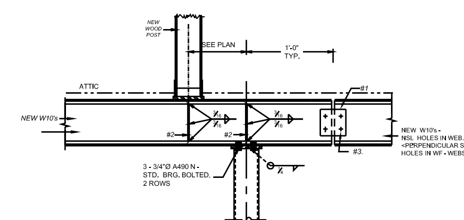
SECT.15
TYP. STL. GIRDER FIELD SPLICE

NOTES:
1. COMPLETE FLANGE WELDS FIRST & ALLOW TO COOL TO TOUCH BEFORE WELDING WEB.
2. SEE STRUCTURAL WELDING NOTES, DWG. S-2, FOR REQUIRED CERTIFIED TESTING OF THE STEEL GIRDER FIELD SPLICE WELDS.



SECT.16
TYP. STL. GIRDER FIELD SPLICE

NOTES:
1. FOR POST & BASE PL. SIZES, SEE POST SCHEDULE, THIS SHT.
2. FOR ADDL. INFO., SEE THE FOLLOWING:
   - DWG. S-3; NOTES 3 & 4.
   - CONC. & STEEL NOTES, DWG. S-2.
3. FOR BAL. OF WALL SECT. INFO., SEE TYP. WALL SECTS., DWG. S-18.



SECT.17
TYP. STL BEAM & POST CONN. DETAIL

NOTES:
1. CONN. PLS & ANGLES TO BE ASTM A36, Fy= 36 ksi
2. 3/8" FULL DEPTH STIFF., EA. SIDE CENTER UNDER POST, TYP.
3. 3/4"Ø A490 N BEARING BOLT CONNECTIONS.
4. BOLT HOLES:
   a. STD. HOLES, IN CONN. PLATES & ANGLES.
   b. NSL. INDICATES NORMAL(PERP) SLOTTED HOLES IN WEBS.
5. SHIM AS REQUIRED USING:
   FINGER JOINT SHIMS, WELDED 1 / 8" THK. STEEL PLATED IN FULL BEARING, (TYP.) THRUOUT ALL DETAILS, SHOWN HEREIN.
6. FOR STRUCTURAL STEEL NOTES, SEE DWG. S-2.

DATE	ISSUE & REVISION
	SUBMITTED FOR PERMITTING
	BID AWARD DATE
07 / 26 / 05	ISSUED CONTRACTOR BID PACKAGES.
07 / 15 / 05	ISSUED OWNER CONTRACT DRAWINGS.

GENERAL CONTRACTOR:

In progress

PROPERTY OWNER:

PROPERTY TRUSTEE:

CONTRACT DWGS. PREPARED BY:
GRIGG & DAVIS ENGINEERS, P.C.
21 CROSSWAY - SCARSDALE, NY 10583
TEL/FAX: 914-725-5095
E-MAIL: GDENGINEERS@OPTONLINE.NET

PROJECT TITLE:

REQUIRED STRUCTURAL REPAIRS.

Sheet Title

SCHEDULES & TYP. DETAILS.

DATE: 07/15/05

SCALE: 1/4"= 1'-0" uon.

Sheet #

S-9 OF 18