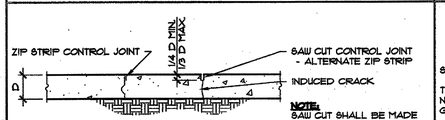
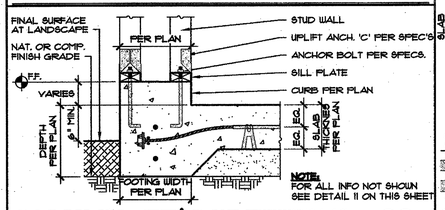
(20 THRU 25)



NOTE: SAW CUT SHALL BE MADE WITHIN 32 HOURS OF POUR

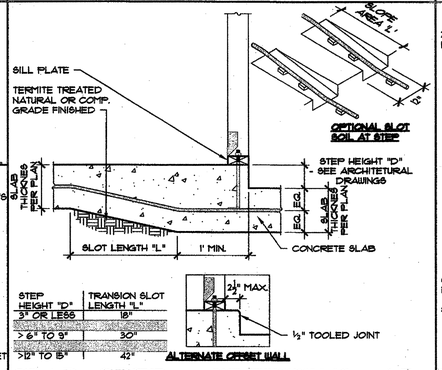
CONTROL JOINT — 21



NOTE: FOR ALL INFO NOT SHOWN SEE DETAIL 11 ON THIS SHEET

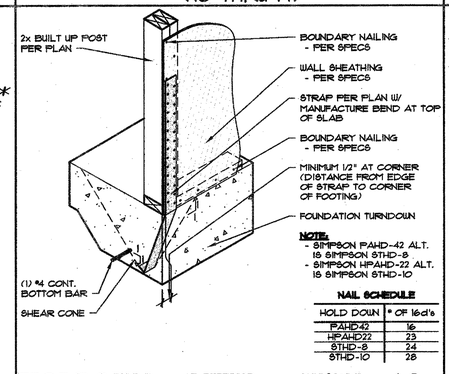
COLUMN FT'G — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO.: R28ROOO6AZ — 22

(15 THRU 19)



SLAB STEP — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28ROOO6AZ — 15

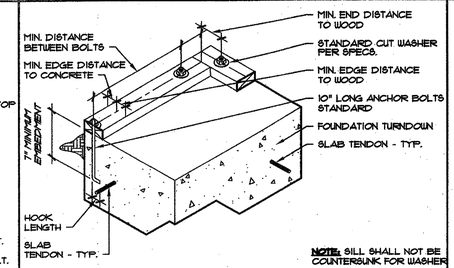
(10 THRU 14)



NAIL SCHEDULE	
HOLD DOWN	# OF 16d's
PAHD-42	16
HPAHD22	23
STHD-8	24
STHD-10	28

HOLDOWN — AT EXTERIOR WALL — SCALE: ¾" = 1'-0" — R10-28-04 BAI — BAI NO. R28ROOO6AZ — 10

(6 THRU 9)



NOTE: SILL SHALL NOT BE COUNTERSUNK FOR WASHER

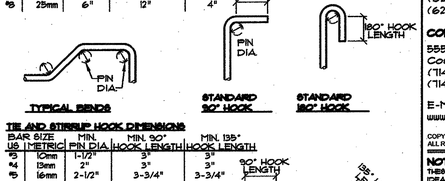
ANCHOR BOLT SIZE	MINIMUM END DISTANCE	MIN. EDGE DISTANCE TO CONC.	TO WOOD	MINIMUM PLATE SIZE	DISTANCE BETWEEN BOLTS	BORING THROUGH PLATE	HOOK LENGTH
½"	3-½"	1-½"	3/4"	2x4	3"	9/16"	2"-2 ½"
5/8"	4-3/8"	1-1/8"	1"	2x4	3"	11/16"	2"-2 ½"
3/4"	5-1/4"	2-1/4"	1-1/8"	2x4	3"	13/16"	2"-2 ½"
7/8"	6-1/8"	2-3/4"	1-3/8"	2x6	4"	15/16"	3"
1"	7"	3"	1-1/2"	2x6	4"	1-1/16"	3"

ANCHOR BOLT — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — 04-30-04 BAI — BAI NO. R28ROOO6AZ — 6

(1 THRU 5)

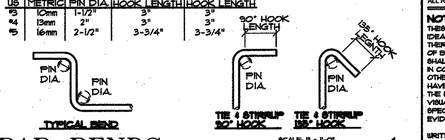
STANDARD HOOK DIMENSIONS

BAR SIZE US	MIN. METRIC	MIN. PIN DIA	MIN. 90° HOOK LENGTH	MIN. 180° HOOK LENGTH
#3	10mm	2-1/4"	4-1/2"	2-1/2"
#4	13mm	3"	6"	2-1/2"
#5	16mm	3-3/4"	7-1/2"	2-1/2"
#6	19mm	4-1/2"	9"	3"
#7	22mm	5-1/4"	10-1/2"	3-1/2"
#8	25mm	6"	12"	4"

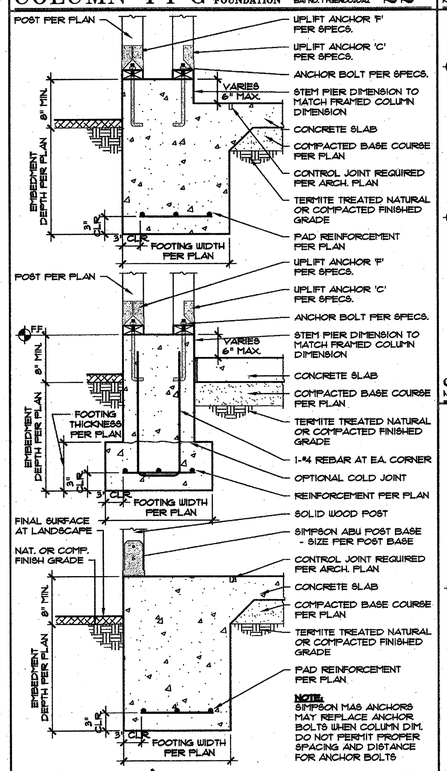


TIE AND STIRRUP HOOK DIMENSIONS

BAR SIZE US	MIN. METRIC	MIN. PIN DIA	MIN. 90° HOOK LENGTH	MIN. 135° HOOK LENGTH
#3	10mm	1-1/2"	3"	3"
#4	13mm	2"	3"	3"
#5	16mm	2-1/2"	3-3/4"	3-3/4"

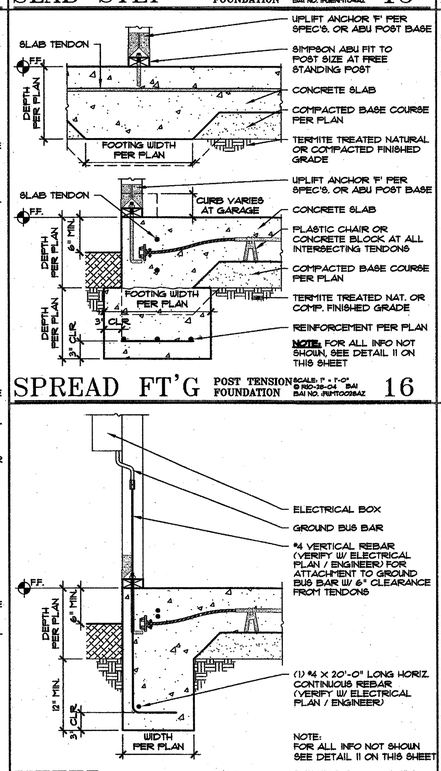


BAR BENDS — SCALE: 1" = 1'-0" — R 11-02-98 BAI — BAI NO. R28ROOO3 — 1



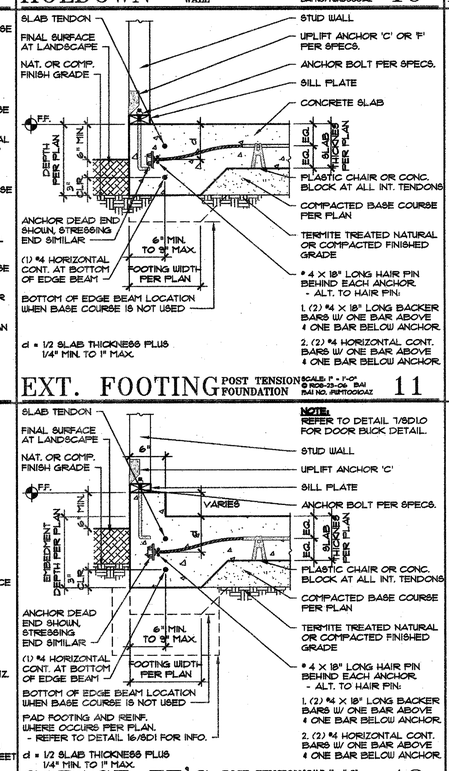
NOTE: SIMPSON MAS ANCHORS MAY REPLACE ANCHOR BOLTS WHEN COLUMN DIM. DO NOT PERMIT PROPER SPACING AND DISTANCE FOR ANCHOR BOLTS

PATIO FT'G — AT SOLID POST — SCALE: 1" = 1'-0" — 01-20-04 BAI — BAI NO.: R28TROOO4AZ — 23



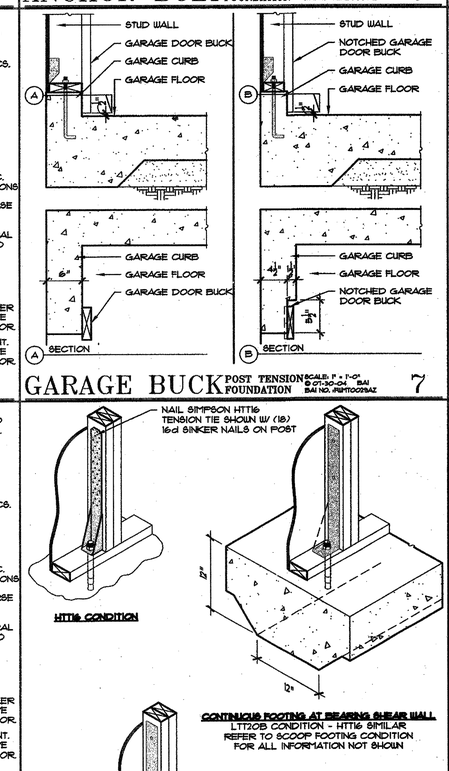
NOTE: FOR ALL INFO NOT SHOWN, SEE DETAIL 11 ON THIS SHEET

SPREAD FT'G — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28TROOO4AZ — 16

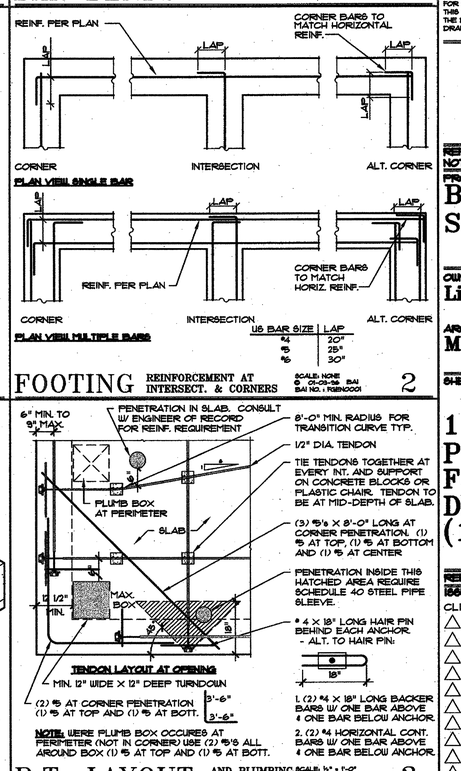


d = 1/2 SLAB THICKNESS PLUS 1/4" MIN. TO 1" MAX.

EXT. FOOTING — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28TROOO4AZ — 11



GARAGE BUCK — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — 07-30-04 BAI — BAI NO. R28TROOO2AZ — 7



US BAR SIZE	LAP
#4	20"
#5	25"
#6	30"

FOOTING — REINFORCEMENT AT INTERSECT. & CORNERS — SCALE: NONE — 01-09-98 BAI — BAI NO. I R28ROOO1 — 2

(15 THRU 19)

NOTE: FOR ALL INFO NOT SHOWN SEE DETAIL 11 ON THIS SHEET

UFFER — AT MAT FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28ROOO6AZ — 17

NOTE: REFER TO DETAIL 7/SD1.0 FOR DOOR BUCK DETAIL.

d = 1/2 SLAB THICKNESS PLUS 1/4" MIN. TO 1" MAX.

GARAGE FT'G — POST TENSION FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28TROOO2AZ — 12

ANCHOR SCHEDULE			
HOLDOWN	ANCHOR	MINIMUM EMBED.	ICBO*
LTT20B	5/8" x 10" SIMPSON WEDGE ANCHOR	4 ¼"	5631
	5/8" x 10" SIMPSON TITEN HD	4 ½"	5706
HTT16	5/8" x 10" SIMPSON WEDGE ANCHOR	5 ¼"	5631
	5/8" x 10" SIMPSON TITEN HD	4 ½"	5706

NOTE: IF A HOLDOWN IS LOCATED AT A NON BEARING WALL, PROVIDE 12"X12"X½" THICK FOOTING AT HOLDOWN LOC.

HOLDOWN — AT INTERIOR WALL — SCALE: NTS — 04-21-04 BAI — BAI NO.: R28TROOO8AZ — 8

NOTE: WERE PLUMB BOX OCCURES AT PERIMETER (NOT IN CORNER) USE (2) #5'S ALL AROUND BOX (1) #5 AT TOP AND (1) #5 AT BOTT.

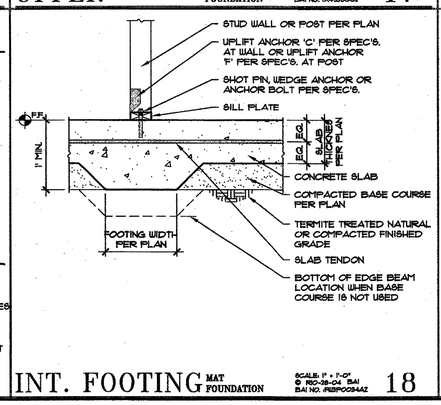
P.T. LAYOUT — AND PLUMBING PENETRATION — SCALE: ½" = 1'-0" — 01-20-04 BAI — BAI NO.: R28PTO6AZ — 3

(20 THRU 25)

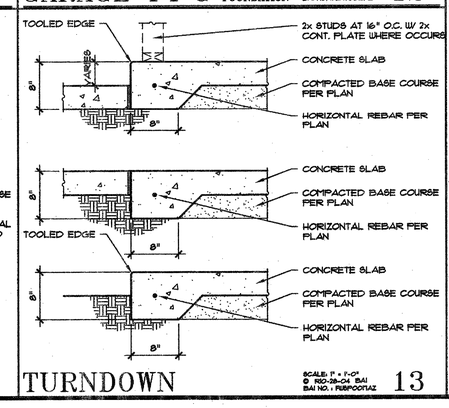
NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SIDE OF ALL TRENCHES AND EXCAVATIONS FROM CAVING IN UNTIL ALL BACK FILLING IS COMPLETE. BACK FILL AS REQ'D BY SOILS REPORT OR CIVIL ENGINEER'S DRAWINGS.

CAUTION: THIS DETAIL GIVES NO INDICATION OF SAFE CONSTRUCTION TECHNIQUES W/ RESPECT TO TRENCH OR EXCAVATION STABILITY.

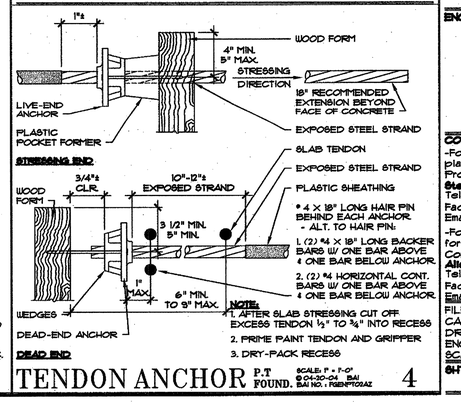
GRADING — SCALE: 1/2" = 1'-0" — 01-20-04 BAI — BAI NO.: R28TROOO4AZ — 24



INT. FOOTING — MAT FOUNDATION — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28TROOO4AZ — 18



TURNDOWN — SCALE: 1" = 1'-0" — R10-28-04 BAI — BAI NO. R28TROOO1AZ — 13



NOTE:
1. AFTER SLAB STRESSING CUT OFF EXCESS TENDON ½" TO ¾" INTO RECESS
2. PRIME PAINT TENDON AND GRIPPER
3. DRY-PACK RECESS

DEAD END

TENDON ANCHOR — P.T FOUND. — SCALE: 1" = 1'-0" — 04-30-04 BAI — BAI NO.: R28PTO2AZ — 4

BORM ENGINEERS
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REFER TO 8N SHEETS FOR ALL NOTES AND SPECIFICATIONS

PROJECT:
Broadway at San Marcos

OWNER/DEVELOPER:
Liberty Homes

ARCHITECT/DESIGNER:
MDW Designs

SHEET:
1 POUR POST TENSION FOUNDATION DETAILS (1 thru 30)

REFERENCE DATE:	03-28-07
ISSUED FOR:	
CLIENT DELIVERY	03-29-07

ENGINEER OF RECORD:

Registered Professional Engineer (Civil) Certificate No. 35750 MICHAEL ERIC WILLIS 3-31-07 ARIZONA, U.S.A.

CONTACTS:
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Telephone: (623) 869-0601 ext. 233
Facsimile: (623) 869-0609
Email: steved@borm.com
-For scheduling site observation and for field changes contact the Construction Administrator:
Alissa Engeler
Telephone: (623) 869-0601 ext. 232
Facsimile: (623) 869-0609
Email: alissae@borm.com

FILE NO: 12564
CAD NO.: 12564 SD1-0
DRAWN BY: KER
ENGINEER: HI
SCALE: ¼" = 1'-0"

SHT NO. SD1.0