

****UNLESS NOTED****

REACTION VALUES ARE UNDER 5000#

UPLIFT VALUES ARE UNDER 1000#

ALL TRUSSES 24"o.c. UNLESS NOTED OTHERWISE

*******CAUTION*******

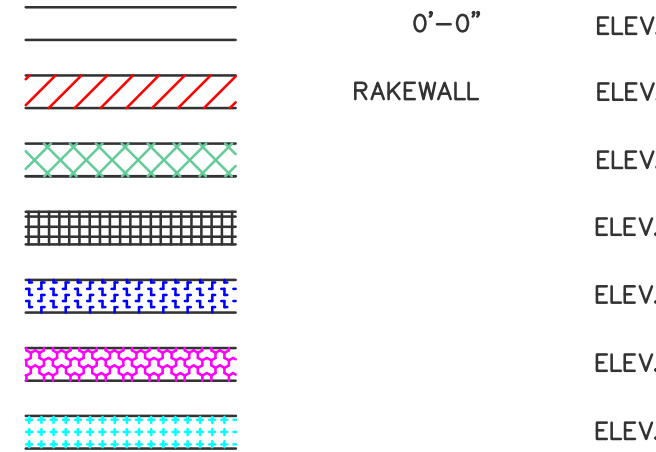
DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DWGS.

IT IS NECESSARY TO REFER TO THE ENGINEERING DRAWINGS FOR NUMBER OF MEMBERS, BEARING LOCATION, ORIENTATION AND WEB BRACING

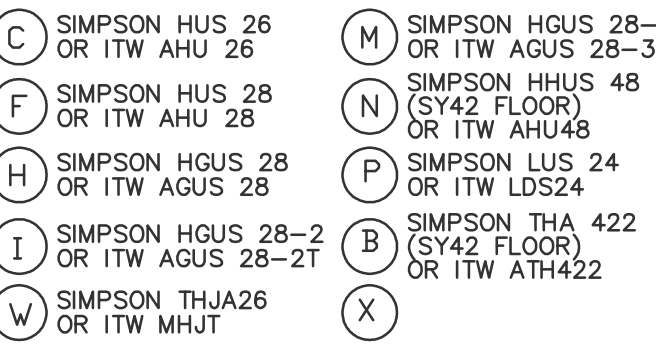
REFER TO WTCA/TPI BSCI-B1 SUMMARY SHEET FOR HANDLING METHODS & TEMPORARY BRACING, WHICH IS ALWAYS REQUIRED

BEARING HEIGHTS BASED ON PLANS PROVIDED TO SCOSTA CORP. "+/-" BEARING DIFFERENCES SHOWN ARE CRITICAL. IF ANY HEIGHTS DEVIATE - INFORM SCOSTA CORP.

BEARING WALL & BEAM HEIGHTS



TYPICAL HANGER SCHEDULE



HANGER VALUES HAVE BEEN BASED ON 160 COMMON NAILS EXCEPT THE FOLLOWING LUS24 - 100 COMMON THJA26 - 100 x 1-1/2

*******ATTENTION*******

APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS, PITCHES, OVERHANGS, ELEVATIONS, CEILING & BEARING CONDITIONS. SCOSTA CORPORATION IS RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH PLANS AND/OR INFORMATION PROVIDED BY CUSTOMER, WITH ANY DEVIATIONS NOTED HEREIN. CUSTOMER IS RESPONSIBLE TO VERIFY ACCURACY OF INFORMATION AND PLANS PROVIDED TO SCOSTA CORPORATION, AND TO VERIFY CONFORMANCE TO FIELD CONDITIONS, AND/OR OWNER CHANGES. TRUSSES WILL BE BUILT IN ACCORDANCE WITH THE APPROVED LAYOUT.

APPROVED BY: _____

DATE: _____ REQUESTED DELIVERY DATE: _____

JOB SITE CONTACT NAME: _____

PHONE #: _____

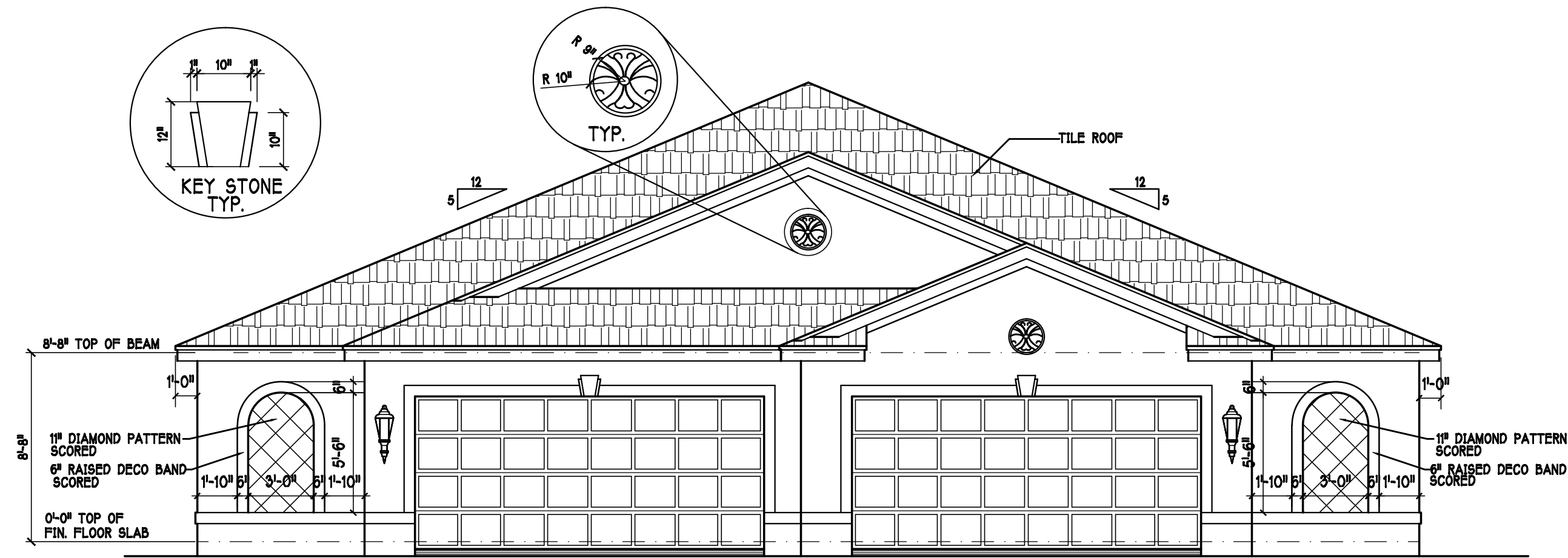
E-MAIL: _____

SCOSTA CORP.

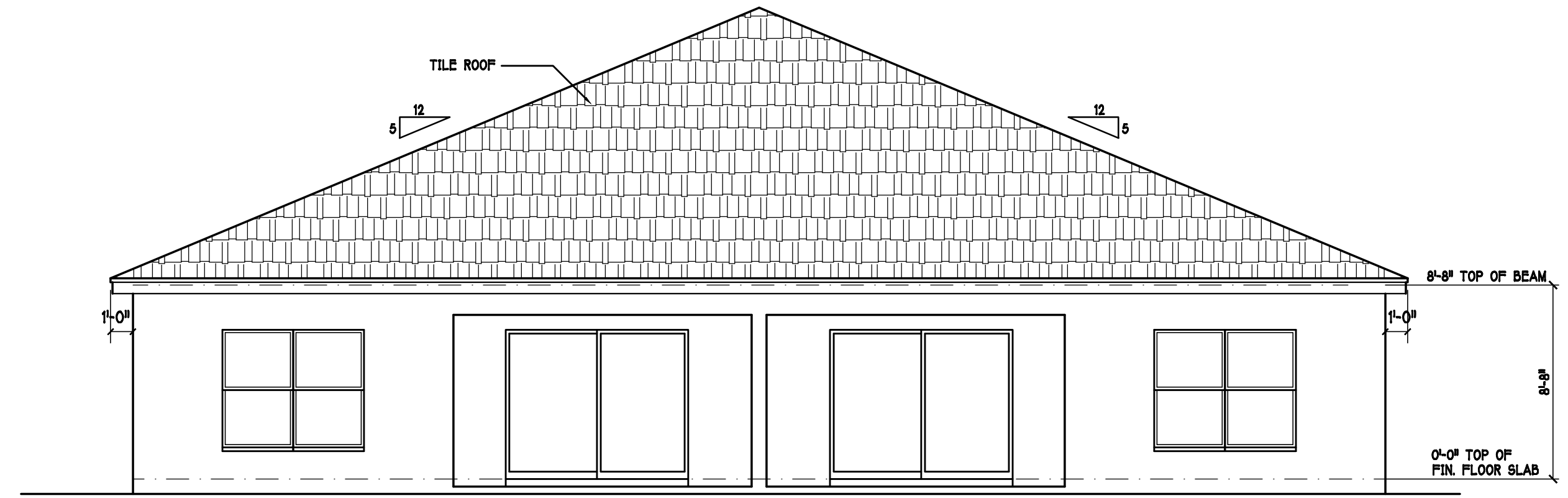
WOOD, STEEL OR TIMBER
ROOF & FLOOR TRUSSES

3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

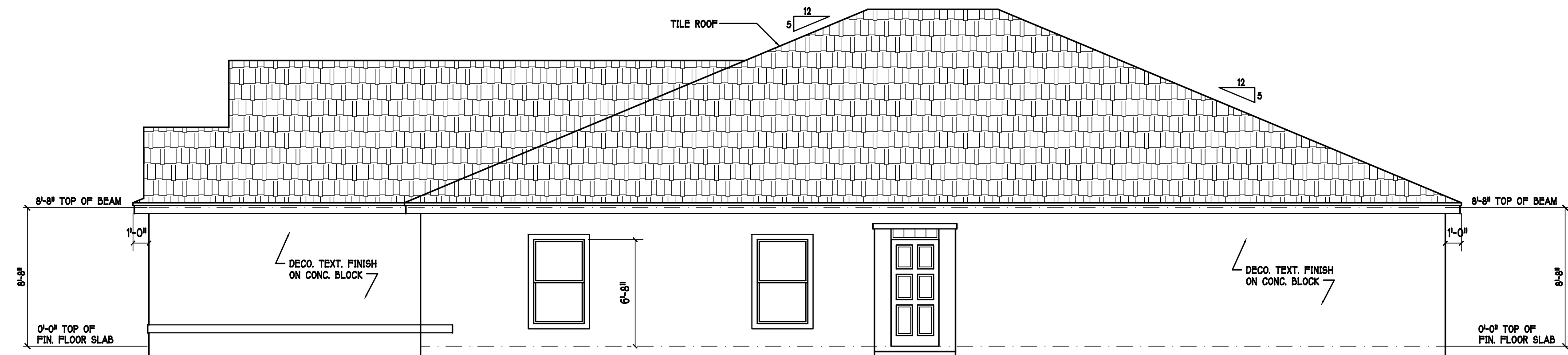
SCALE: 1/4"=1'-0"	DATE: 10/05/15	REVISED BY: KD 12/14/15	DRAWN BY: KRISTY
JOB ADDRESS: 1519 SIGNATURE VILLAS			1 of 1
CUSTOMER: D.R. HORTON		JOB # 44150	



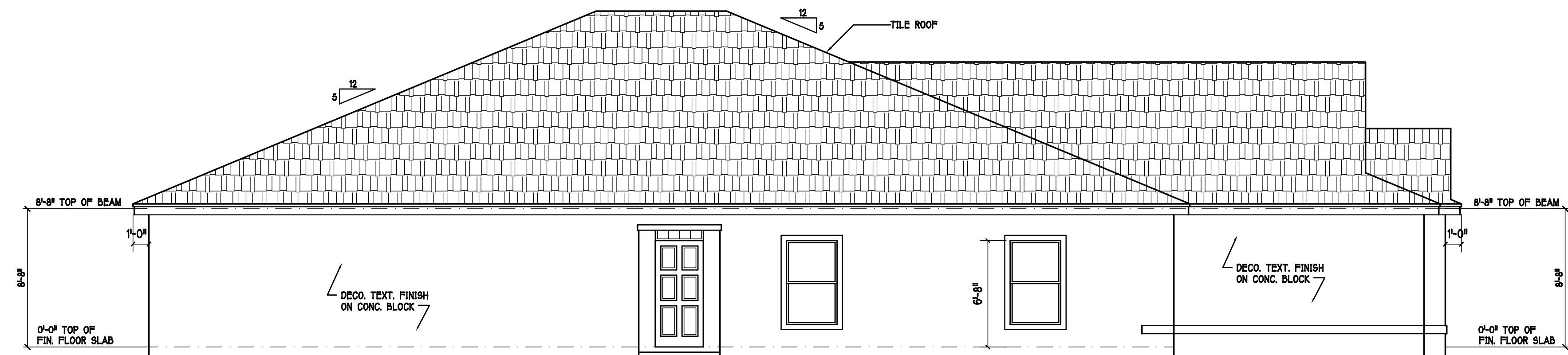
FRONT ELEVATION: "E1" SCALE: 3/16"=1'-0"



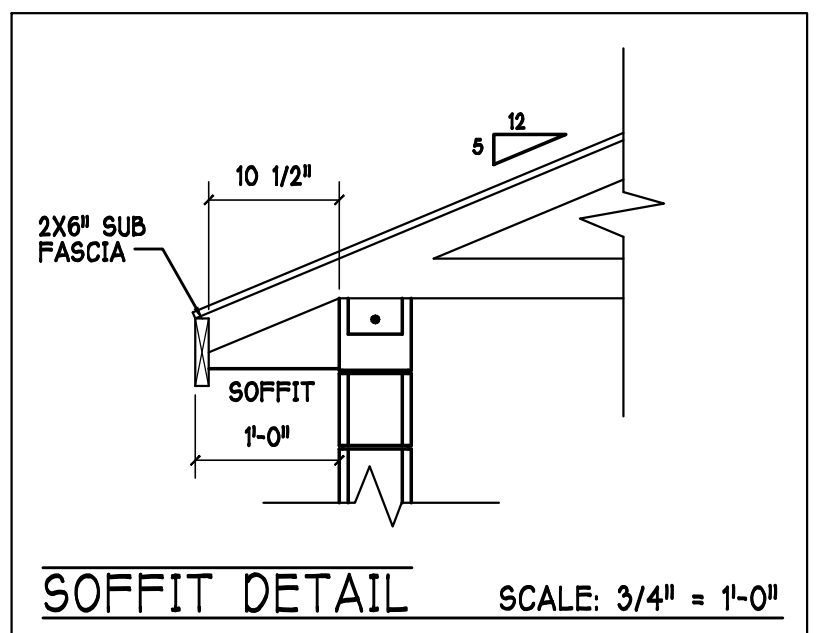
REAR ELEVATION: "E1" SCALE: 3/16"=1'-0"

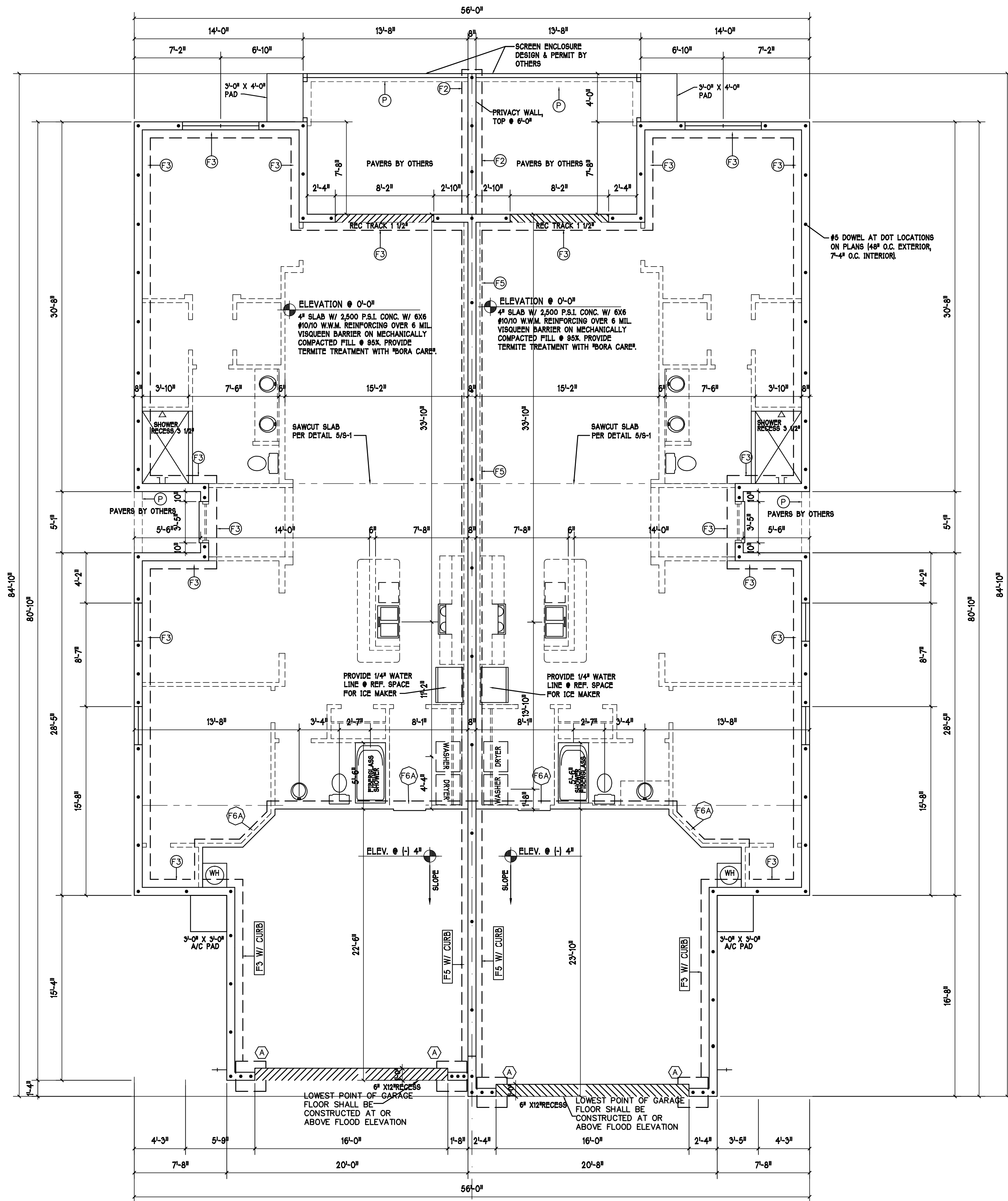


RIGHT ELEVATION: "E1" SCALE: 3/16"=1'-0"



LEFT ELEVATION: "E1" SCALE: 3/16"=1'-0"





FOUNDATION PLAN SCALE: 3/16" = 1'-0"

FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

PLAN NOTES:

- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2) FOOTING MAY BE STEPPED DOWN TO ACCOMMODATE SLOPE IN FINISHED GRADE.
- 3) F# DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- 4) P# DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
- 5) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- 6) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
- 7) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- 8) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER DETAIL 7/S-1.

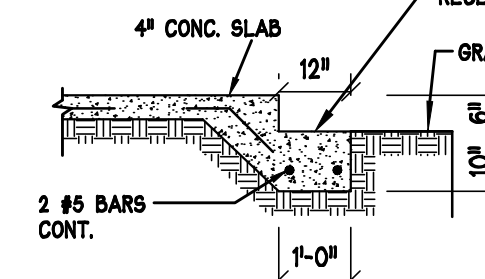
PAD FOOTING SCHEDULE

QTY	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
1	(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
1	(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
1	(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
1	(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
1	(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

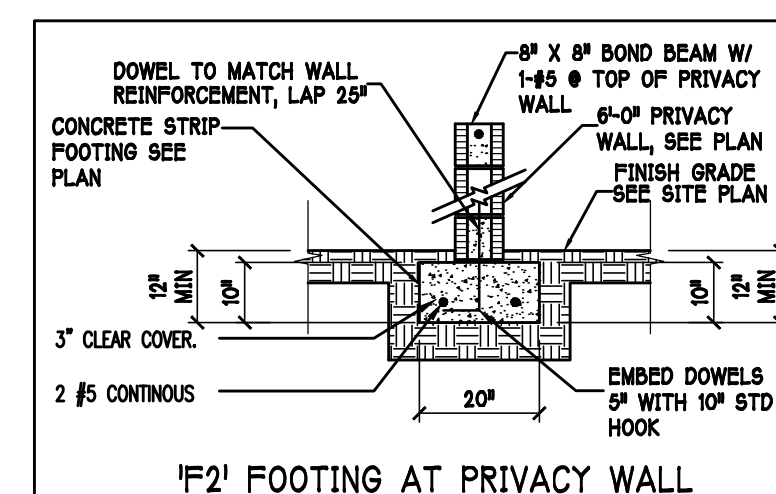
WALL FOOTING SCHEDULE

QTY	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
1	(1)	CONT.	1'-4"	0'-8"	2-#5	U
1	(2)	CONT.	1'-8"	0'-10"	2-#5	U
1	(3)	CONT.	1'-0"	1'-8"	2-#5	U
1	(4)	CONT.	1'-4"	1'-8"	2-#5	U
1	(5)	CONT.	1'-4"	1'-0"	2-#5	U
1	(6)	CONT.	0'-8"	0'-8"	1-#5	U
1	(7)	CONT.	8"	8"	1-#5	U
1	(8)	CONT.	0'-8"	0'-8"	1-#5	U

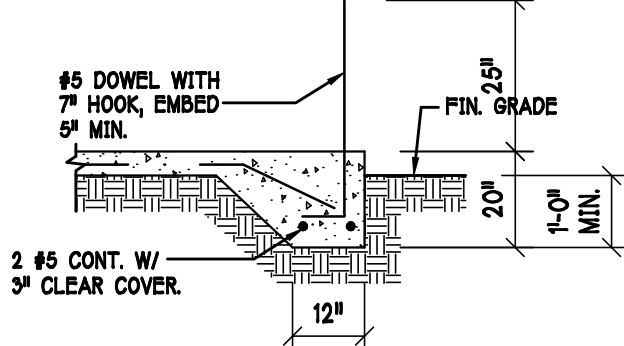
NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25"x25" AT EACH LONGITUDINAL BAR.



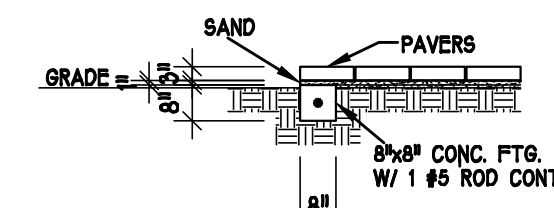
GARAGE DOOR RECESS



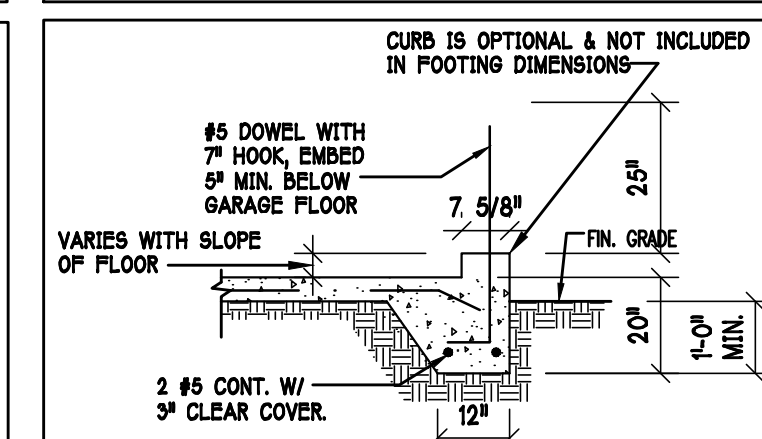
F2 FOOTING AT PRIVACY WALL



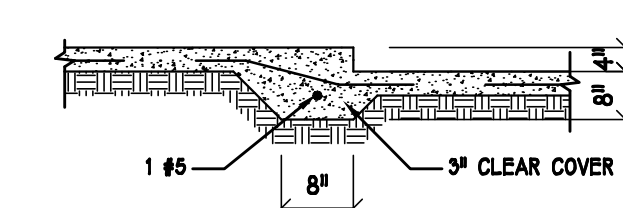
F3 FOOTING



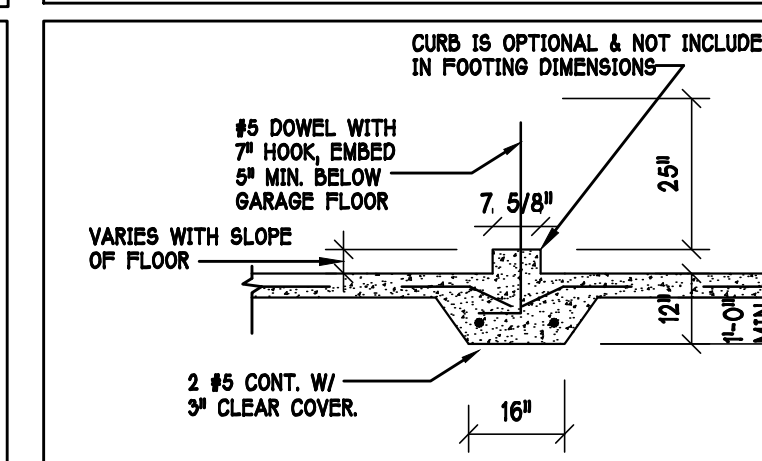
P1 PAVERS DETAIL ENTRY/LANAI



F3 WITH CURB AT GARAGE



F6A STEP DOWN



F5 WITH CURB AT GARAGE

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE - 5th EDITION

D.R. HORTON
America's Builder

Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

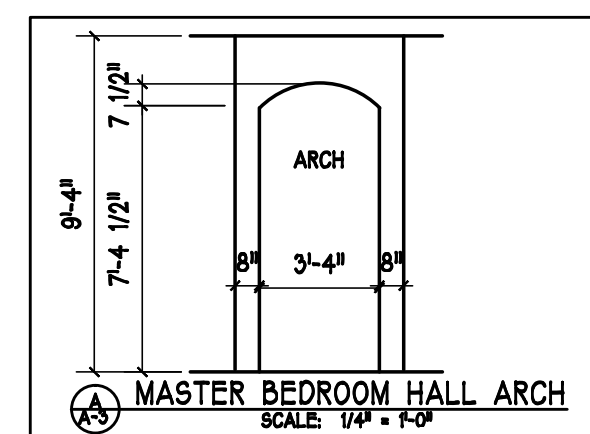
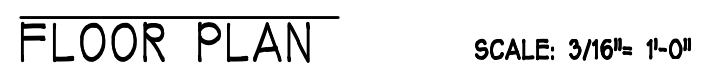
STRUCTURAL
ENGINEERING
1634 S.E. 47th ST. SUITE 103
CAESAR, FL 33504
C.E. 14004
C.E. 14004

LOT: 0264, 0265 BLOCK :
SUBDIV: LINDSFORD II TWS
ADRS: 4278, 4282 DUTCHESS PARK RD
G.C.D. #: 9876 D.R.H. #: 578910111-112

MODEL:
1519 - SIGNATURE
RESIDENCE FOR:
SPEC

DATE: 07-06-17
DRAWN BY: CWL
CHECKED BY: J.W.C.
REVISED:
PLAN: FOUNDATION
SCALE: 3/16" = 1'-0"
SHEET#

STUCCO CEILING
ON
LANAI AND ENTRY



FRAMERS NOTES:
NON BEARING INTERIOR FRAME WALLS
SHALL BE FRAMED W/ WOOD OR METAL
STUDS. SPACING ON STUDS SHALL NOT
EXCEED 24" O.C.
NON BEARING WALLS ONLY.

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V _{ad} =124 MPH						
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	QTY
①	OVERHEAD	GARAGE DOOR	192	84	44.5	2
②	SWING DOOR	DISTINCTION W/ INTEGRAL TRANSOM	42 1/4	80	4	2
GARAGE DOOR ASSUMES '2' IN ZONE 5.						

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6N LOAD FACTOR. YOUNG'S MOD. E=29,000 KSI									
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	WIND ZONE	WIND PRESSURE PSF	WIND-BORNE DEBRIS PROTECT	QTY	
(A)	2-25	S.H.	80	1/16	65	1/4	5 +/-35.5/-36.5 +/-35.5/-44.8	SHUTTERS	4
(B)	25	S.H.	39	1/2	65	1/4	5 +/-35.5/-36.5 +/-35.5/-44.8	SHUTTERS	4
(C)	2 + 406B	SL. GL. DOOR	98	3/4	80	4	5 +/-38.5/-35.5 +/-35.5/-35.5	SHUTTERS	2
(D)	34	S.H.	55	1/2	55	1/4	5 +/-35.5/-36.5 +/-35.5/-44.8	SHUTTERS	10

DOOR HEADERS		
6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

PLAN NOTES

- 1) VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
- 2) PROVIDE SPECIAL GLAZING WITHIN 34" FROM EXIST. PER FLORIDA BUILDING CODE R 308.31.
- 3) PROVIDE SPECIAL GLAZING AT BATH / SHOWER . PER FLORIDA BUILDING CODE R 308.31.
- 4) NO BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NO BEARING WALLS ONLY).
- 5) PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
- 6) KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 4 1/2" A.F.F. W/ RAISED RAD TOP
- 7) INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
- 8) WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
- 9) THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THAN 1/2" GYPSUM BOARD NEEDED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIV. W/ THE SEPARATION IS A FLOOR - CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIV.
- 10) INSTALLED 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1, DOOR SHALL BE SELF CLOSING PER R302.5.1.
- 11) ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 312.11 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
- 12) STUB OUT FOR GAS & OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACTOR AND SUBMIT. SPEC. A SEPARATE PERMIT IS REQUIRED FOR GAS FIFING.
- 13) ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE 14-16" SHELVES 18" O.F.F. WITH 15" HIGHER

CABINET BACKING

KITCHEN	UPPER TOP @ 84"	BASE TOP @35"
MASTER BATH	UPPER	BASE- TOP @35"
GUEST BATH	UPPER	BASE- TOP @31"
LAUNDRY RM.	UPPER TOP @84"	BASE

SQUARE FOOTAGE UNIT #1	
FLOOR LIVING AREA	1,519
GARAGE AREA	457
COVERED ENTRY AREA	28
COVERED LANAI AREA	105
TOTAL AREA	2,109

SQUARE FOOTAGE UNIT #2	
FLOOR LIVING AREA	1,519
GARAGE AREA	484
COVERED ENTRY AREA	28
COVERED LANAI AREA	105
TOTAL AREA	2,136

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE - 5th EDITION

D·R·HORTON • NYSE
LISTED
America's Builder

**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

This certificate and seal is for work performed by the Structural Engineer of Record (SER) related to Structural Engineering only. No work was performed by the SER in other disciplines such as architectural, mechanical, plumbing, electrical, fire, life safety, accessibility, energy, site work, civil, or geotechnical.

STRUCTURAL ENGINEERING	STRUCTURAL SYSTEMS OF NORTH FLORIDA 1634 S.E. 47th ST SUITE #3 FT. LAUDERDALE, FL 33304 (954) 349-9999 FAX (954) 349-9998
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LOT: 0264, 0265 BLOCK:

SUBDIV: LINDSFORD II TV'S

ADRS: 4278, 4282 DUTCHESS PARK RD

CD # 0076 DR # 770010111113

MODEL: 1519 - SIGNATURE
RESIDENCE FOR: SPEC

DATE: 07-06-17

DRAWN BY: CWL

CHECKED BY:
J.W.C.

REVISÉ:

PLAN: FLOOR

SCALE: $3/16" = 1'-0"$

SHEET#

A3

[illegible]


NOTE TO
PLUMBER AND CARPENTER,
FIREWALL NOT TO
BE PENETRATED.

THE FOLLOWING USP HARDWARE LISTED HAVE EQUAL OR GREATER CAPACITY THAN THE EQUIVALENT SIMPSON PRODUCT, THEREFORE THE PRODUCTS ARE DIRECT SUBSTITUTIONS WITH NO NEED TO CHECK THE VALUES. THE VALUES ARE LISTED FOR CONVENIENT REFERENCE

Category	Simpson	Pounds	UTP	Pounds
Misc	H2A.5A	=U-535	RT7A	=U-665
Truss Straps	H70A	=U-1070	RT6A	=U-1160
Embedded Straps	1-META16	=U-1450	1-HTA16-18	=U-1625
	2-META16 (1 ply)	=U-1985	2-HTA16-18 (1 ply)	=U-2430
	2-META16 (2 ply)	=U-2900	2-HTS16-18 (2 ply)	=U-2800
	1-HETA20	=U-1810	1-HTA20	=U-1870
	2-HETA20 (1 ply)	=U-2335	2-HTA20 (1 ply)	=U-2430
	2-HETA20 (2 ply)	=U-2500	2-HTA20 (2 ply)	=U-3170
Twisted Straps	MTS16	=U-860	MTA16	=U-1005
	HTS20	=U-1245	HTW20	=U-1285
	HTSM16	=U-1020	HTMM16	=U-1145
	HTSM20	=U-1020	HTMM20	=U-1145
Flat Straps	MTA12	=U-810	MTA12	=U-810
	MTA16	=U-1130	MTA16	=U-1130
	MTA24	=U-1455	MTA24	=U-1455
	MTAM24	=U-1500	MTAM36	=U-1945
	MTAM36	=U-1870	MTAM36	=U-1945
Coil Straps	CS18-R	=U-1370	RS18-R	=U-1375
	CS16-R	=U-1705	RS16-R	=U-1730
Stud Straps	SPH	=U-1065	SPTH	=U-1720
	SPH6	=U-1065	SPTH6	=U-1720
	SPH8	=U-1065	SPTH8	=U-1730
	SP1	=U-535 (SPF)	SP12	=U-645 (SPF)
	SP2	=U-605 (SPF)	SP22	=U-970 (SPF)
Anchors	LT200	=U-2600 (SPF)	HTT45	=U-5005 (SPF)
	HT16 (2½" HGN)	=U-3640 (SPF)	HTT45 (no stud holes)	=U-5005 (SPF)
	HT16 (2" HGN)	=U-4205 (SPF)	HTT45 (stud holes in use)	=U-5005 (SPF)
	HTT45 (no HGN)	=U-4205 (SPF)	HTT45	=U-5005 (SPF)
	HTT45 (no HGN)	=U-4205 (SPF)	HTT45	=U-5005 (SPF)

THE FOLLOWING USP HANGERS MEET JOB SPECIFIC LOAD REQUIREMENT

[illegible]

WALL HEIGHT = 8'-8"	
FULL HEIGHT WALL PER SHEET 9-2	

- 1. Joints** - Exposed or covered with joint finisher.
- 2. Nailheads** - Exposed or covered with filter tape and joint finisher. As an alternate, nailheads may be covered with a 2" x 4" strip of 1/2" thick plywood or a 1/2" thick piece of classified veneer plywood. (See references.)
- 14. Nail** - 6d count coated nails 1-7/8 in. long, 0.0615 in. shank diam, 14 in. diam head. Head diameter to be 0.0005 in. over 0.113 in. shank diam, 3302 in. diam.
- 15. Joist** - 2x8 in. spaced @ 5 ft., two layers applied either horizontally or vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced @ 6". Outer layer attached to outer inner layer with the 2-3/8 in. 1/2" nails spaced @ 5". Vertical joints located over the 2x8 in. joist layer and 1/2" in. from the ends in these layers. Joints of each layer offset with joints of base layer on opposite side.
- 16. Studs** - 2x8 in. spaced @ 5 ft., two layers applied either horizontally or vertically. When Steel Framing Members (Item 6) are used, base layer applied with the framing channels with 1 in. long Type 3 single-head screw spans spaced max. 24 in. o.c.; face layer applied with the framing channels with 1 in. long Type 3 double-head screw spans spaced max. 24 in. o.c. (See references.)
- 17. Gypsum Board** - 5/8 in. thick, 48 in. wide, 12 ft. long.
- 18. AMERICAN GYPSUM CO. - Types** AGC, AGX-1, AGX-2, AGX-3, AGX-4, AGX-5, AGX-6, AGX-7, AGX-8, AGX-9, AGX-10, AGX-11, AGX-12, AGX-13, AGX-14, AGX-15, AGX-16, AGX-17, AGX-18, AGX-19, AGX-20, AGX-21, AGX-22, AGX-23, AGX-24, AGX-25, AGX-26, AGX-27, AGX-28, AGX-29, AGX-30, AGX-31, AGX-32, AGX-33, AGX-34, AGX-35, AGX-36, AGX-37, AGX-38, AGX-39, AGX-40, AGX-41, AGX-42, AGX-43, AGX-44, AGX-45, AGX-46, AGX-47, AGX-48, AGX-49, AGX-50, AGX-51, AGX-52, AGX-53, AGX-54, AGX-55, AGX-56, AGX-57, AGX-58, AGX-59, AGX-60, AGX-61, AGX-62, AGX-63, AGX-64, AGX-65, AGX-66, AGX-67, AGX-68, AGX-69, AGX-70, AGX-71, AGX-72, AGX-73, AGX-74, AGX-75, AGX-76, AGX-77, AGX-78, AGX-79, AGX-80, AGX-81, AGX-82, AGX-83, AGX-84, AGX-85, AGX-86, AGX-87, AGX-88, AGX-89, AGX-90, AGX-91, AGX-92, AGX-93, AGX-94, AGX-95, AGX-96, AGX-97, AGX-98, AGX-99, AGX-100, AGX-101, AGX-102, AGX-103, AGX-104, AGX-105, AGX-106, AGX-107, AGX-108, AGX-109, AGX-110, AGX-111, AGX-112, AGX-113, AGX-114, AGX-115, AGX-116, AGX-117, AGX-118, AGX-119, AGX-120, AGX-121, AGX-122, AGX-123, AGX-124, AGX-125, AGX-126, AGX-127, AGX-128, AGX-129, AGX-130, AGX-131, AGX-132, AGX-133, AGX-134, AGX-135, AGX-136, AGX-137, AGX-138, AGX-139, AGX-140, AGX-141, AGX-142, AGX-143, AGX-144, AGX-145, AGX-146, AGX-147, AGX-148, AGX-149, AGX-150, AGX-151, AGX-152, AGX-153, AGX-154, AGX-155, AGX-156, AGX-157, AGX-158, AGX-159, AGX-160, AGX-161, AGX-162, AGX-163, AGX-164, AGX-165, AGX-166, AGX-167, AGX-168, AGX-169, AGX-170, AGX-171, AGX-172, AGX-173, AGX-174, AGX-175, AGX-176, AGX-177, AGX-178, AGX-179, AGX-180, AGX-181, AGX-182, AGX-183, AGX-184, AGX-185, AGX-186, AGX-187, AGX-188, AGX-189, AGX-190, AGX-191, AGX-192, AGX-193, AGX-194, AGX-195, AGX-196, AGX-197, AGX-198, AGX-199, AGX-200, AGX-201, AGX-202, AGX-203, AGX-204, AGX-205, AGX-206, AGX-207, AGX-208, AGX-209, AGX-210, AGX-211, AGX-212, AGX-213, AGX-214, AGX-215, AGX-216, AGX-217, AGX-218, AGX-219, AGX-220, AGX-221, AGX-222, AGX-223, AGX-224, AGX-225, AGX-226, AGX-227, AGX-228, AGX-229, AGX-230, AGX-231, AGX-232, AGX-233, AGX-234, AGX-235, AGX-236, AGX-237, AGX-238, AGX-239, AGX-240, AGX-241, AGX-242, AGX-243, AGX-244, AGX-245, AGX-246, AGX-247, AGX-248, AGX-249, AGX-250, AGX-251, AGX-252, AGX-253, AGX-254, AGX-255, AGX-256, AGX-257, AGX-258, AGX-259, AGX-260, AGX-261, AGX-262, AGX-263, AGX-264, AGX-265, AGX-266, AGX-267, AGX-268, AGX-269, AGX-270, AGX-271, AGX-272, AGX-273, AGX-274, AGX-275, AGX-276, AGX-277, AGX-278, AGX-279, AGX-280, AGX-281, AGX-282, AGX-283, AGX-284, AGX-285, AGX-286, AGX-287, AGX-288, AGX-289, AGX-290, AGX-291, AGX-292, AGX-293, AGX-294, AGX-295, AGX-296, AGX-297, AGX-298, AGX-299, AGX-300, AGX-301, AGX-302, AGX-303, AGX-304, AGX-305, AGX-306, AGX-307, AGX-308, AGX-309, AGX-310, AGX-311, AGX-312, AGX-313, AGX-314, AGX-315, AGX-316, AGX-317, AGX-318, AGX-319, AGX-320, AGX-321, AGX-322, AGX-323, AGX-324, AGX-325, AGX-326, AGX-327, AGX-328, AGX-329, AGX-330, AGX-331, AGX-332, AGX-333, AGX-334, AGX-335, AGX-336, AGX-337, AGX-338, AGX-339, AGX-340, AGX-341, AGX-342, AGX-343, AGX-344, AGX-345, AGX-346, AGX-347, AGX-348, AGX-349, AGX-350, AGX-351, AGX-352, AGX-353, AGX-354, AGX-355, AGX-356, AGX-357, AGX-358, AGX-359, AGX-360, AGX-361, AGX-362, AGX-363, AGX-364, AGX-365, AGX-366, AGX-367, AGX-368, AGX-369, AGX-370, AGX-371, AGX-372, AGX-373, AGX-374, AGX-375, AGX-376, AGX-377, AGX-378, AGX-379, AGX-380, AGX-381, AGX-382, AGX-383, AGX-384, AGX-385, AGX-386, AGX-387, AGX-388, AGX-389, AGX-390, AGX-391, AGX-392, AGX-393, AGX-394, AGX-395, AGX-396, AGX-397, AGX-398, AGX-399, AGX-400, AGX-401, AGX-402, AGX-403, AGX-404, AGX-405, AGX-406, AGX-407, AGX-408, AGX-409, AGX-410, AGX-411, AGX-412, AGX-413, AGX-414, AGX-415, AGX-416, AGX-417, AGX-418, AGX-419, AGX-420, AGX-421, AGX-422, AGX-423, AGX-424, AGX-425, AGX-426, AGX-427, AGX-428, AGX-429, AGX-430, AGX-431, AGX-432, AGX-433, AGX-434, AGX-435, AGX-436, AGX-437, AGX-438, AGX-439, AGX-440, AGX-441, AGX-442, AGX-443, AGX-444, AGX-445, AGX-446, AGX-447, AGX-448, AGX-449, AGX-450, AGX-451, AGX-452, AGX-453, AGX-454, AGX-455, AGX-456, AGX-457, AGX-458, AGX-459, AGX-460, AGX-461, AGX-462, AGX-463, AGX-464, AGX-465, AGX-466, AGX-467, AGX-468, AGX-469, AGX-470, AGX-471, AGX-472, AGX-473, AGX-474, AGX-475, AGX-476, AGX-477, AGX-478, AGX-479, AGX-480, AGX-481, AGX-482, AGX-483, AGX-484, AGX-485, AGX-486, AGX-487, AGX-488, AGX-489, AGX-490, AGX-491, AGX-492, AGX-493, AGX-494, AGX-495, AGX-496, AGX-497, AGX-498, AGX-499, AGX-500, AGX-501, AGX-502, AGX-503, AGX-504, AGX-505, AGX-506, AGX-507, AGX-508, AGX-509, AGX-510, AGX-511, AGX-512, AGX-513, AGX-514, AGX-515, AGX-516, AGX-517, AGX-518, AGX-519, AGX-520, AGX-521, AGX-522, AGX-523, AGX-524, AGX-525, AGX-526, AGX-527, AGX-528, AGX-529, AGX-530, AGX-531, AG

SCALE: 3/16"=1'-0"

- 1) ROOF TRUSS BEARING ELEVATION 8'-8".
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
- 5) ~~8F8-18~~ etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.

TRUSS STRAPPING TO MASONRY			
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER	
1450	(1)MET#16 TO 40	9-10dx1 $\frac{1}{2}$ "	EMBED 4"
1810	(1)H#ET#16 TO 40	10-10dx1 $\frac{1}{2}$ "	EMBED 4"
2235	(2)H#ET#16 TO 40	12-12dx1 $\frac{1}{2}$ "	EMBED 4"
1915 (1 PLY)	(2)H#ET#16 TO 40	9-10dx1 $\frac{1}{2}$ "	EMBED 4"
1900 (2 PLY)	(2)MET#16 TO 40	14-16d	EMBED 4"
2250 (2 PLY)	(2)H#ET#16 TO 40	14-16d	EMBED 4"
2500 (2 PLY)	(2)H#ET#16 TO 22	14-16d	EMBED 4"

NOTES:

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON C OF WALL
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/S-1.

REV2

HOOK #5 BAR INTO TOP OF BOND BEAM

WALL ABOVE WITH BOND BEAM AT TOP

#5 VERTICAL, ABOVE LINTEL ONLY WHERE NOTED ON PLAN

'1B' DENOTES 1#5 BOTTOM WITH 7" HOOK EACH END OR EXTEND 24" BEYOND OPENING.

'0B' DENOTES "NO REBAR"

8" PRECAST LINTEL

8#8-1B
8#8-0B

1#5 TOP

8" GROUDED

16" GROUDED

1#5 BOTTOM

8#8-1B/1T
8#8-1B/1T

PRECAST LINTEL SCHEDULE

AT SWING DOORS, USE 2" RECESS STYLE LINTEL IF NEEDED FOR ROUGH OPENING.

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY SCOSTA CORP
JOB # 44150 DATED: 10/05/15 REVISED: 12/14/15

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE - 5th EDITION

**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

This signature and seal is for work performed by the Structural Engineers of Record (SEOR) related to Structural Engineering only. No work was performed by the SEOR in the areas of Mechanical, Electrical, Plumbing, Fire Protection, Life, Safety, Security, Accessibility, Energy, Site Work, Civil, or Geotechnical.

LOT: 0264, 0265 BLOCK :
SUBDIV: LINDSFORD II TV'S
ADRS: 4278, 4282 DUTCHESS PARK

MODEL: 1519 - SIGNATURE
RESIDENCE FOR: CDEQ

DATE: _____

DDA WINDY

CWL

J.W.C.

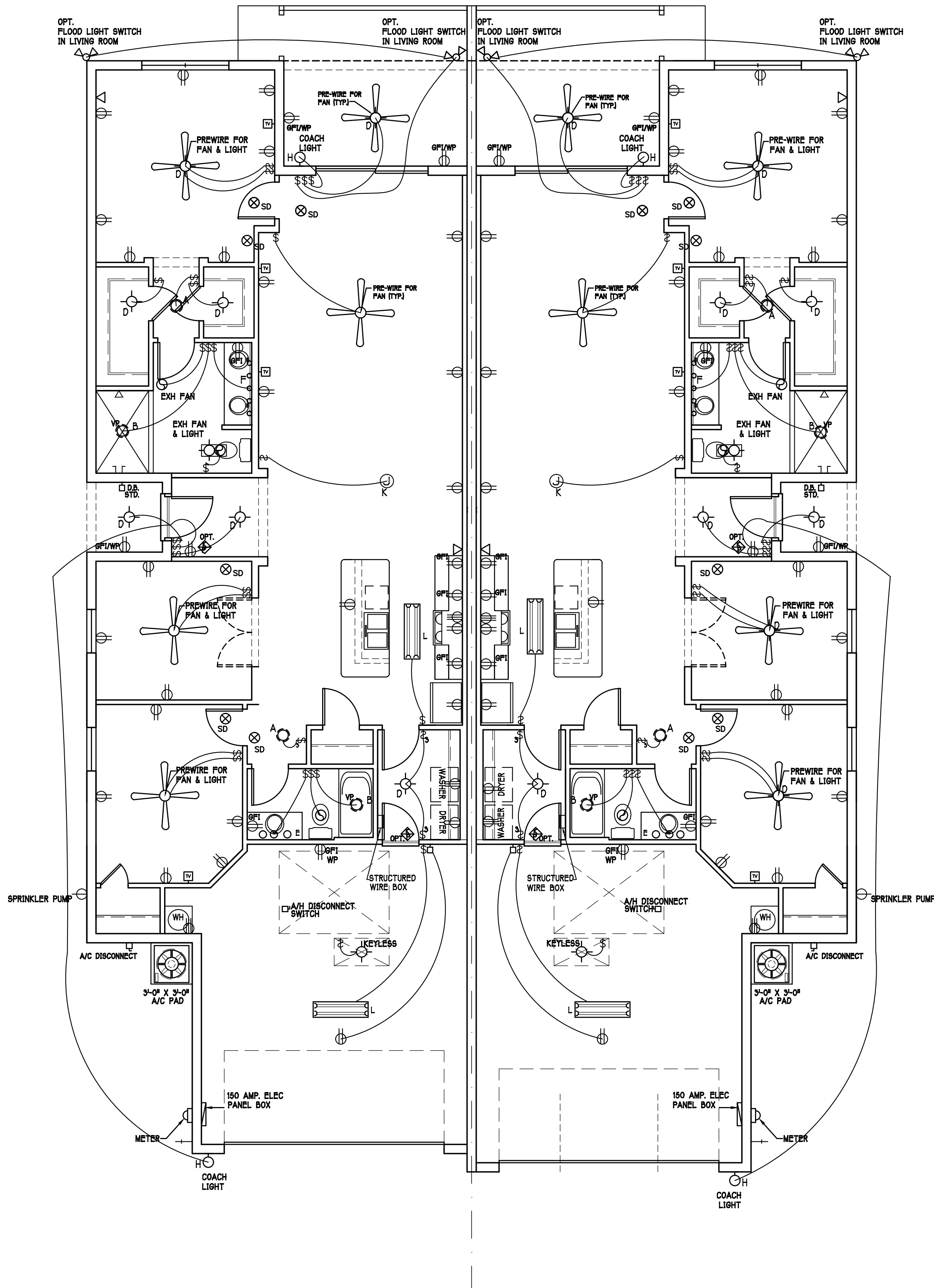
REVISÉ:

PLAN:

SCALE:

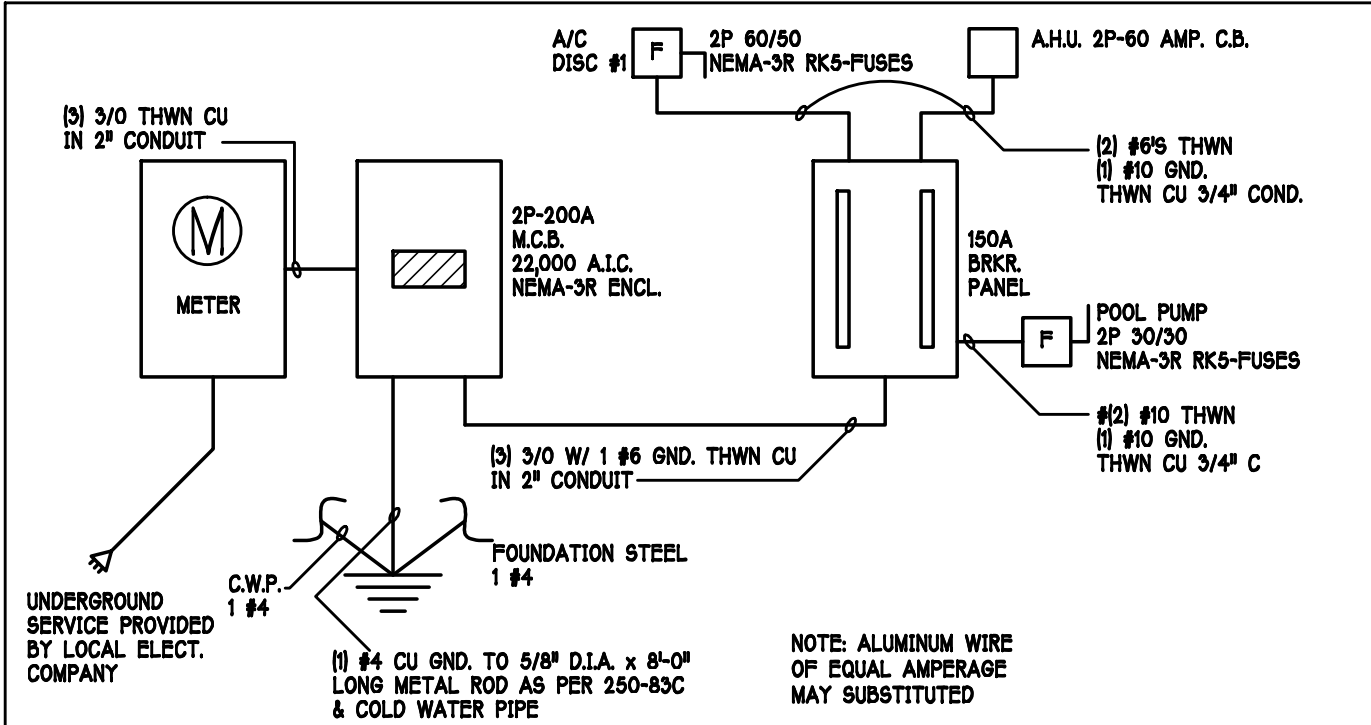
3/16 = 1-0

A4



ELECTRICAL PLAN SCALE: 3/16"= 1'-0"

AIR CONDITIONING COORDINATION REQUIRED.
PRIOR TO ORDERING ROOF TRUSSES, THE CONTRACTOR SHALL WORK WITH THE AIR CONDITIONING SUB CONTRACTOR TO DESIGN/PLAN AND LAYOUT THE LOCATION OF AIR HANDLING EQUIPMENT, AIR DUCT SIZE AND LOCATION AND COORDINATE THAT DESIGN WITH THE TRUSSES FOR SPACE, CONNECTIVITY, AND POSITION REQUIREMENTS. THE CONTRACTOR MUST ADVISE THE TRUSS COMPANY PRIOR TO ANY CONSTRUCTION OF TRUSSES OF THE AIR CONDITIONING/HANDLING EQUIPMENTS SIZES AND WEIGHT AND DUCT LAYOUT CONCERNS OR REQUIREMENTS THAT MAY HAVE THE POTENTIAL TO CHANGE OR MODIFY THE TRUSSES TO ACCOMMODATE THE SAME. THE CONTRACTOR SHALL COORDINATE CONDENSATION DISCHARGE LINE LOCATION, AND ELECTRICAL SERVICE TO AIR EQUIPMENT, AND PROVIDE ANY LOCAL DISCONNECTS, LIGHTS AND SERVICE PLATFORMS THAT MAY BE REQUIRED.



Electrical Notes:
All outlets in wet areas and all exterior outlets to be GFI's
All electrical equipment to be set at or above base flood elevation.

ELECTRICAL NOTES FOR FIRE RATED WALLS
ELECTRICAL OUTLETS PLACED IN FIRE RATED WALLS SHALL BE IN CONFORMANCE WITH THE UNDERWRITERS LABORATORIES, INC., FIRE RESISTANCE DIRECTORY, CURRENT EDITION. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING SPECIFIC ITEMS:
A) INDIVIDUAL OUTLET/SWITCH BOXES SHALL NOT EXCEED (6) SQUARE INCHES IN AREA.
B) AGGREGATE AREA OF OUTLET/SWITCH BOXES SHALL NOT EXCEED (60) SQUARE INCHES WITHIN (100) SQUARE FEET OF WALL AREA.
C) OUTLET/SWITCH BOXES LOCATED ON OPPOSITE SIDE OF THE SAME WALL SHALL BE SEPERATED BY A MINIMUM OF (24) INCHES.
D) ALL OUTLET/SWITCH BOXES SHALL BE SECURELY ATTACHED TO THE STUDS AND THE OPENING IN THE WALLBOARD FACING SHALL BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE WALLBOARD DOES NOT EXCEED 1/8 INCH.

ELECTRICAL LEGEND

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	230 V RECEPTACLE OUTLET
	4-FLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.F.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A POSSIBLE-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. PER RULE 6B-3.04.72 SD SMOKE DETECTOR SCD CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	FLUORESCENT LIGHT
	UNDER COUNTER LIGHT

Electrical Notes:
Install Arc-Fault circuit-Interruptioners & Tamper-Resistant Receptacles shall be installed in dwelling unit, per NEC 210.12 & 406.11
All electrical equipment to be set at or above base flood elevation.
All outlets in wet areas and all exterior outlets to be GFI's
Install Phone & T.V. per contract .
INSTALL ALL ELECTRICAL PER NEC 2011

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL
FLORIDA BUILDING CODE - 5th EDITION

D.R.HORTON
America's Builder

Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

LOT: 0264, 0265 BLOCK :
SUBDIV: LINDSFORD II TV'S
MODEL: 1519 - SIGNATURE
ADDRESS: 4278, 4282 DUTCHESS PARK RD
RESIDENCE FOR:
SPEC
G.C.D. #: 9876 D.R.H. #: 57891011-112

DATE: 07-06-17
DRAWN BY: CWL
CHECKED BY: J.W.C.
REVISED:
PLAN: ELECTRICAL
SCALE: 3/16" = 1'-0"
SHEET#

A5

1
RESIDENTIAL SPECIFICATIONS
GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND FITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
7. TREATED WOOD REQUIREMENTS- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" S&G RESISTANT PER SEC. 702.3.5
10. LANAI CEILINGS & COVERED ENTRY CEILINGS 1X4 STRIPPING @ 16" O.C. FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" oc. EDGE AND FIELD.

- 2
DOOR AND WINDOW ANCHORAGE
- ANCHORAGE REQUIREMENTS- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.
- MASONRY OPENING- WHERE WINDOW FRAME IS DESIGNED TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIAL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH 7 NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.
- WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (IE. FLANKED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4X 3 3/4" MASONRY SCREWS @ 24" OC AND 6" FROM EACH END.
- WOOD FRAMED OPENINGS- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURERS LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

- 3
GENERAL ROOF ASSEMBLY
- ROOF SHEATHING SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER #805.2.3.1 - 0.15" NOMINAL SHANK DIAMETER, RING DIA. OF 0.002" OVER SHANK DIAMETER, 16 TO 20 KINGS PER INCH, 0.260" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.
- FLASHING FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL .0178 INCHES THICK, 26 GAUGE #250 ALUM ZINC, OR GALVANIZED STEEL .0178 INCHES THICK, 26 GAUGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION #805.2.8 IT TO 8I.
- DRIP EDGE DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLE ROOFS. LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

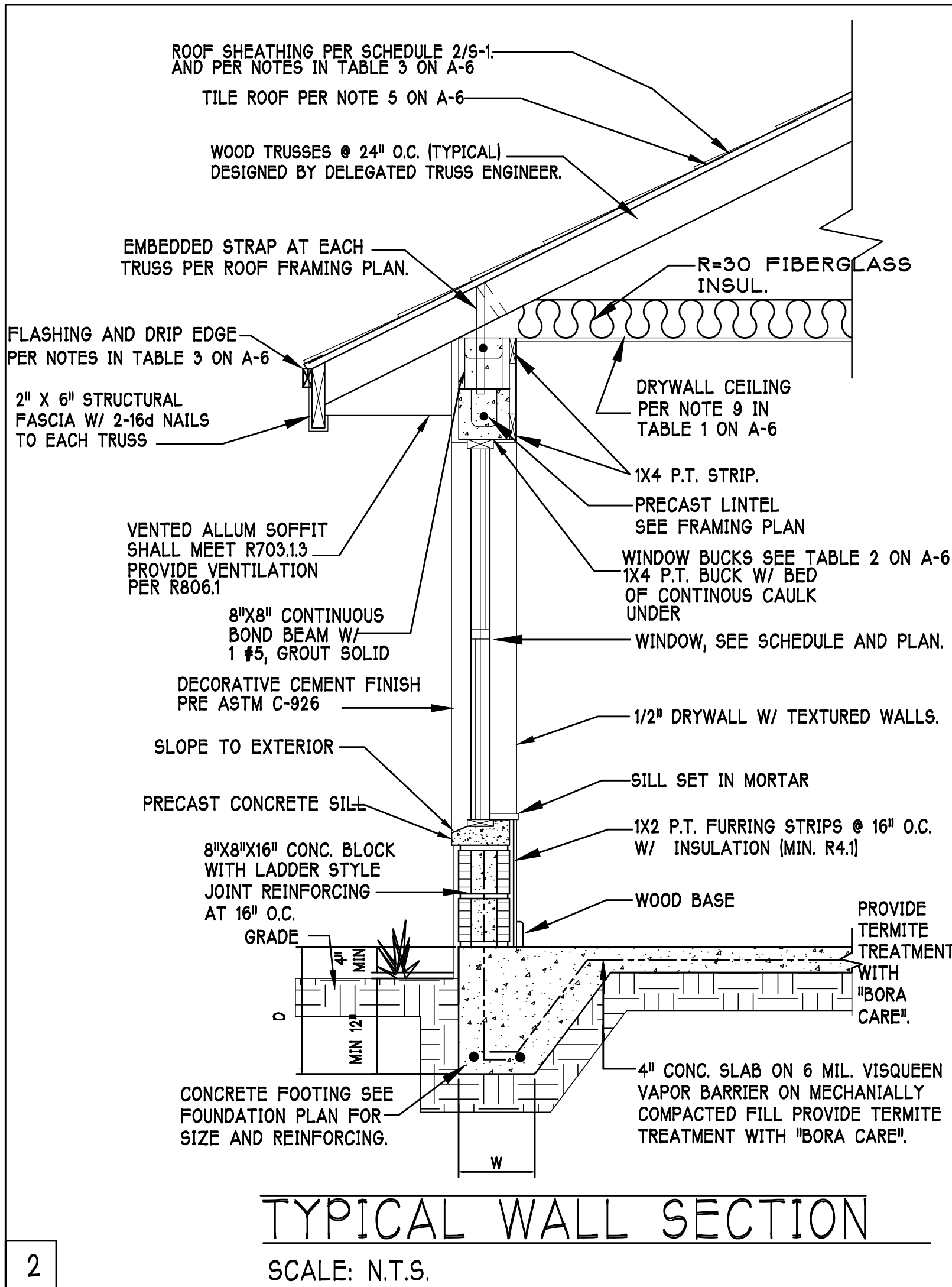
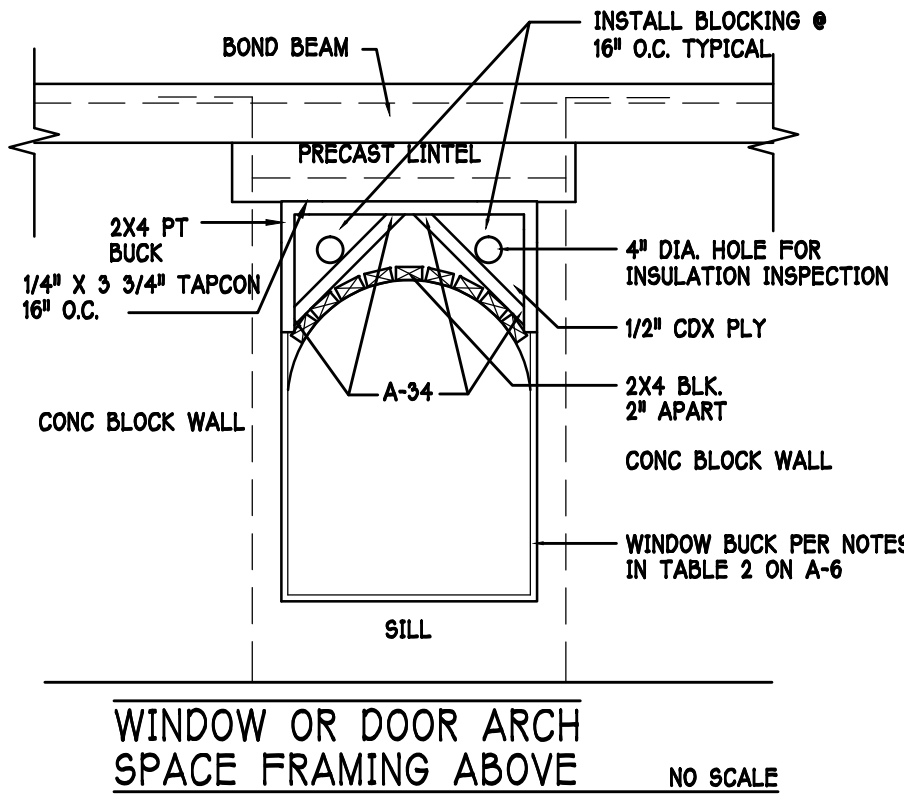
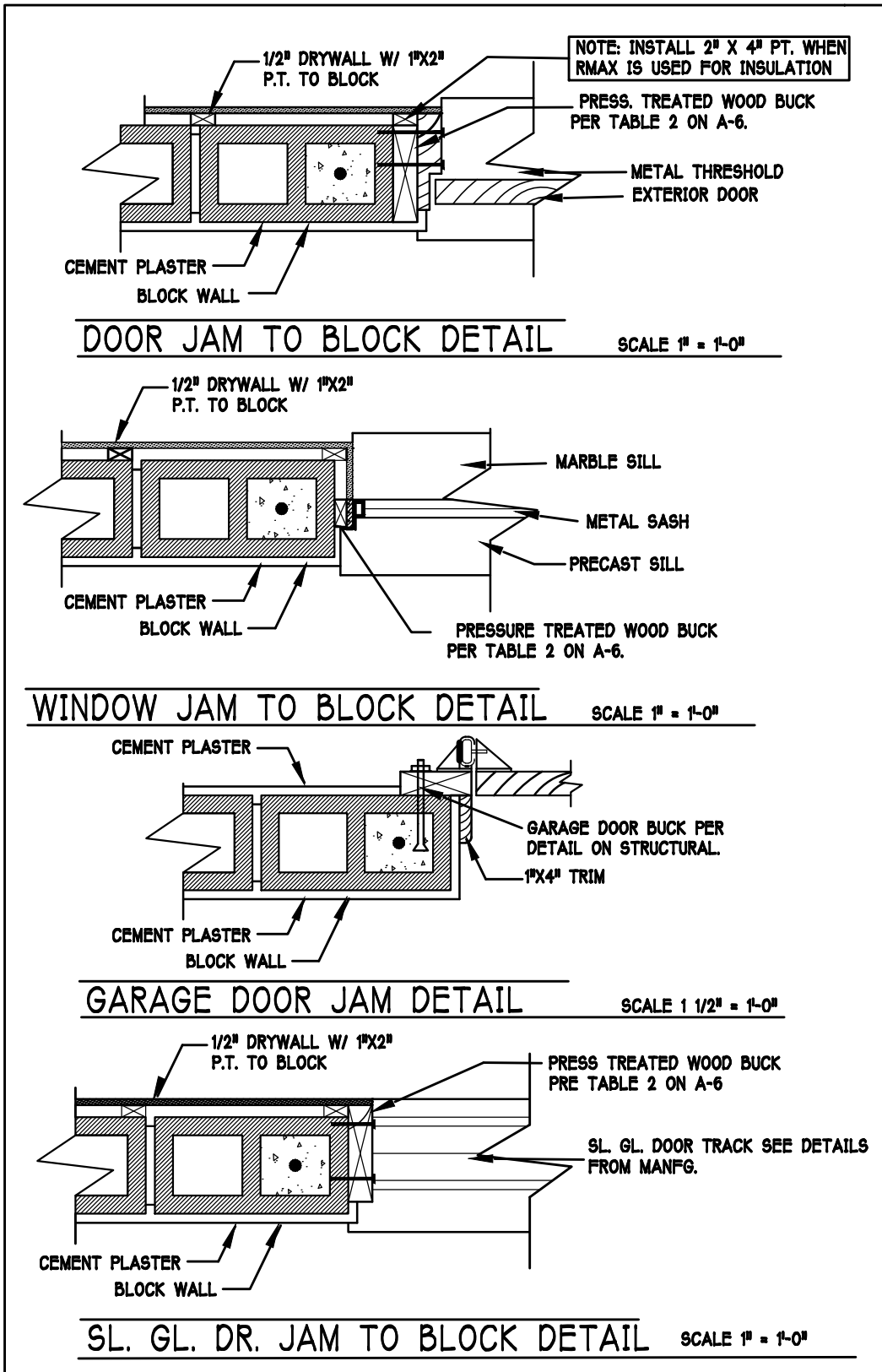
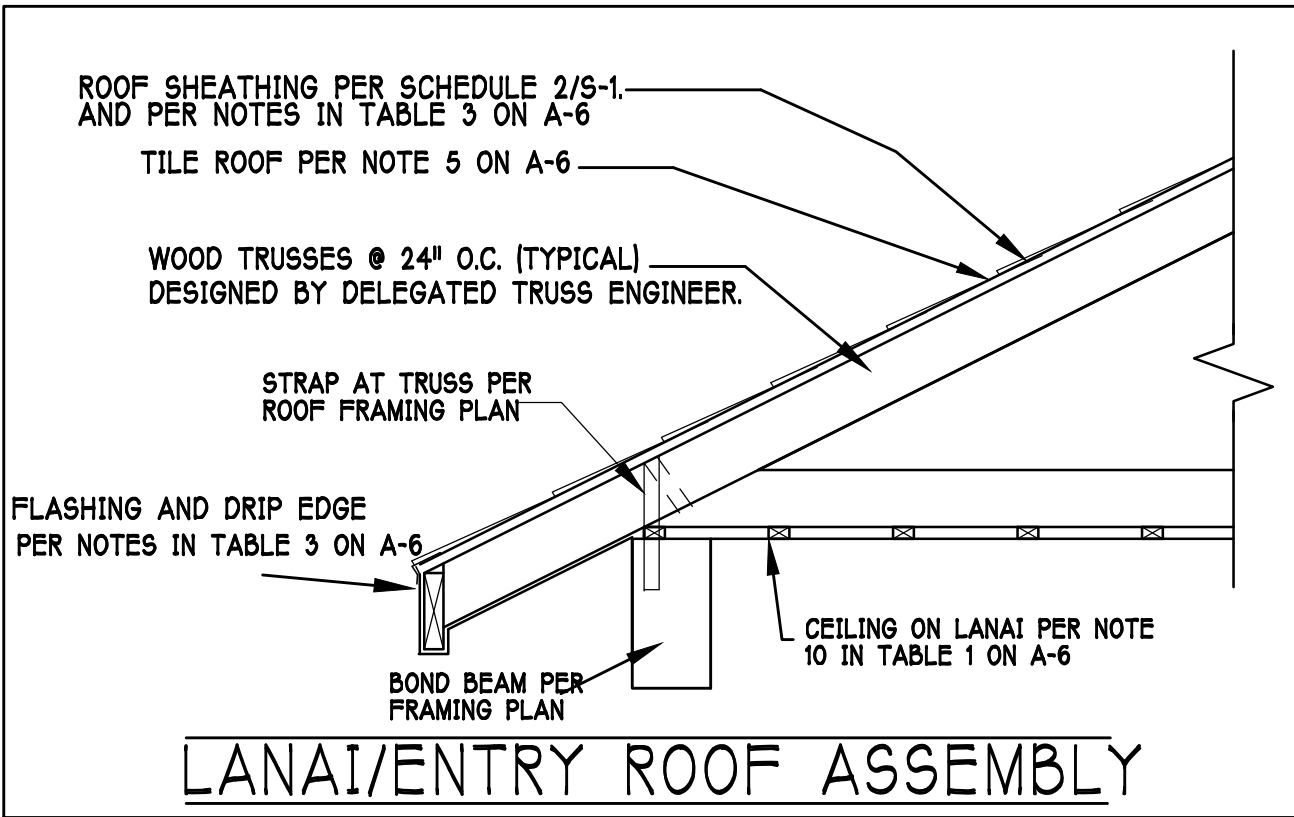
- 4
WOOD FRAMING:
1. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
 2. UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. INTERIOR BEARING WALLS SPF #2
 - B. RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2EXTERIOR BEARING WALLS.
 3. TREATED WOOD REQUIREMENTS: ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, PRESSURE TREATED.
 4. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
 5. ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
 6. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
 7. PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
 8. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURERS STATE OF FLORIDA REGISTERED ENGINEER.
 9. CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIBBER TRUSSES.
 10. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
 11. AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
 12. BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BW-76.
 13. MICRO-LAMBS (OR EQUAL PARALAMBS, LVL'S, ETC) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA, MIN, GALVANIZED STEEL FLASHING.
 14. SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
 15. SPACE FRAMING OF ARCHES UNDER THE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

- 5
ASPHALT SHINGLE ROOF SPEC'S
- SHINGLES 15# felt shall be installed under asphalt shingles. All asphalt shingles shall have self sealing strips or be interlocking and comply with ASTM D 225 or D5462, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 3 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacture. Installation shall comply with the manufacture requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.
- FASTENERS Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gauge (0.105 inches) with a minimum 3/8 inch diameter head and shall be of 3/4 length to penetrate the sheathing.
- The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 641, Class 1, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

- 6
CLAY AND CONCRETE TILE ROOF SPECS
- INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF #805.5 F.B.C. MARKING EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURERS IDENTIFICATION MARK. APPLICATION SPECIFICATIONS: THE TILE MANUFACTURERS WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 1. TILE PLACEMENT AND SPACING.
 2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
 - A. AMOUNT AND PLACEMENT OF MORTAR.
 - B. AMOUNT AND PLACEMENT OF ADHESIVE.
 - C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
 3. UNDERLAYMENT
 4. SLOPE REQUIREMENT.

- 7
FLOOR SHEATHING AT 2ND FLOOR
- APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

- 8
EXTERIOR WALL SHEATHING
- SHALL BE 7/8" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL SEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.



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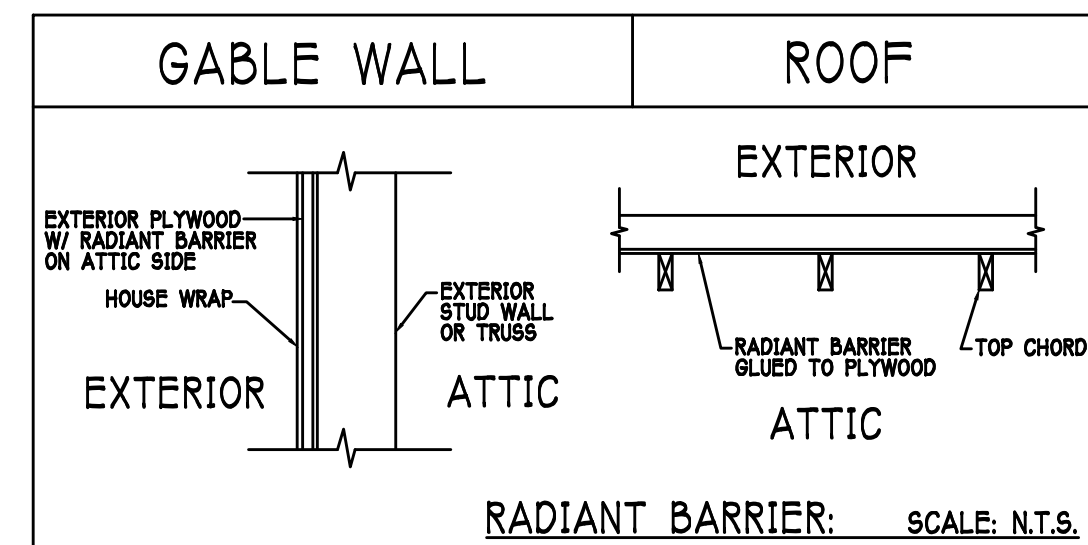
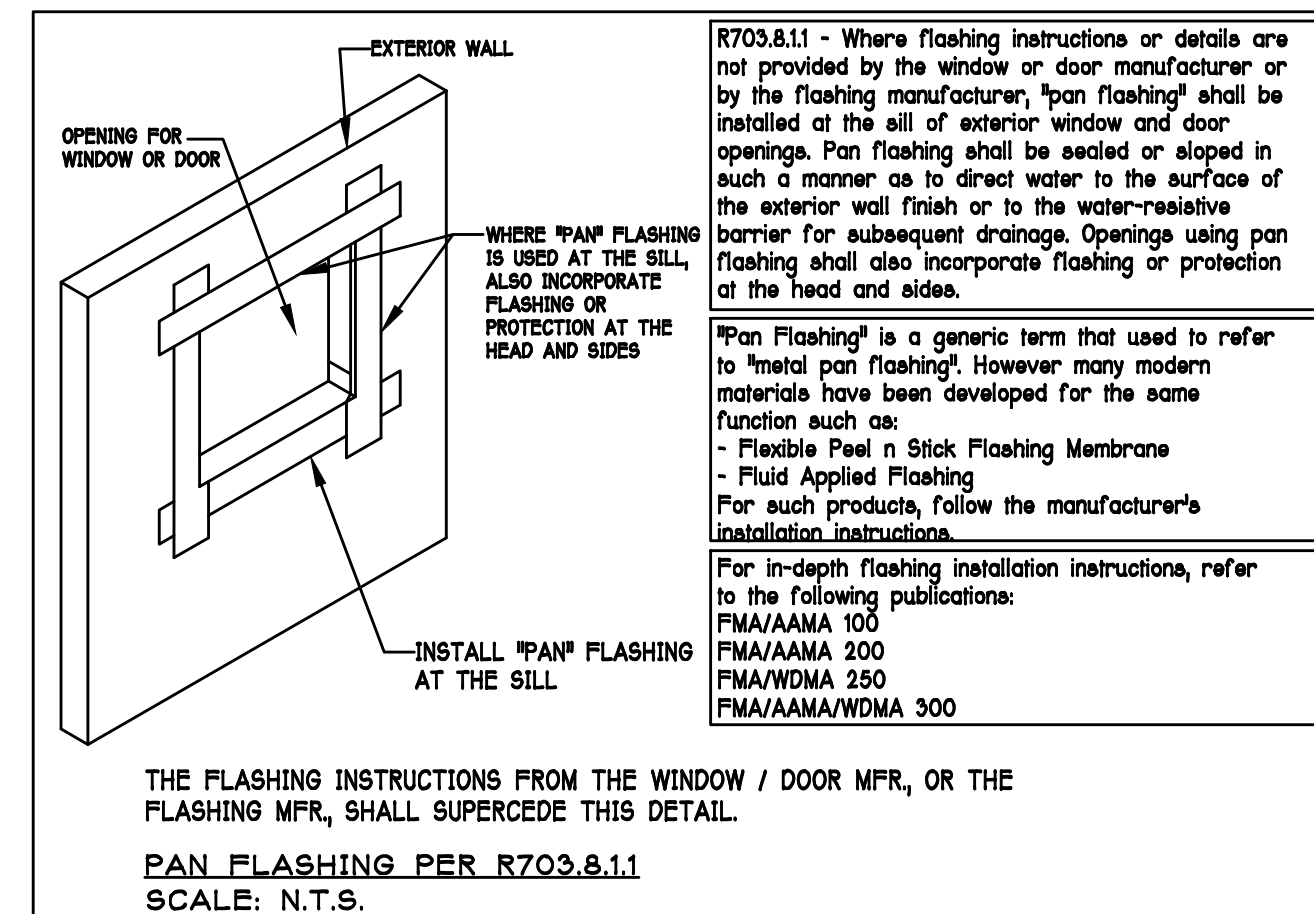
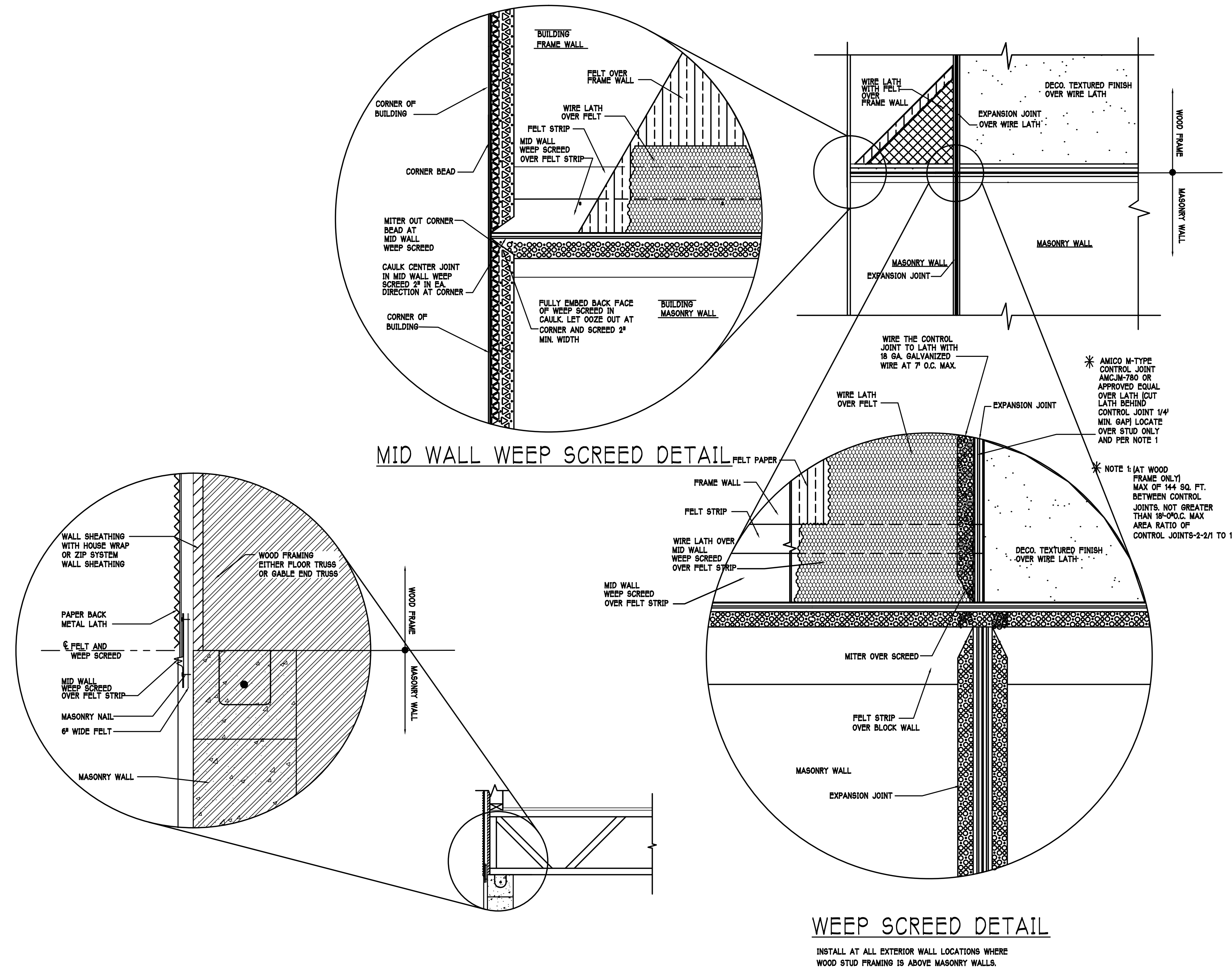
STRUCTURAL SYSTEMS
STRUCTURAL ENGINEERING
1634 SE 47th ST, SUITE 40
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(239) 540-4554
G.C.D.# 048 8889

LOT: 0264, 0265
SUBDIV: LINDSFORD II TV'S
ADDRESS: 4278, 4282 DUTCHESS PARK RD
G.C.D.# 9876 D.R.H.#: 578910111-112

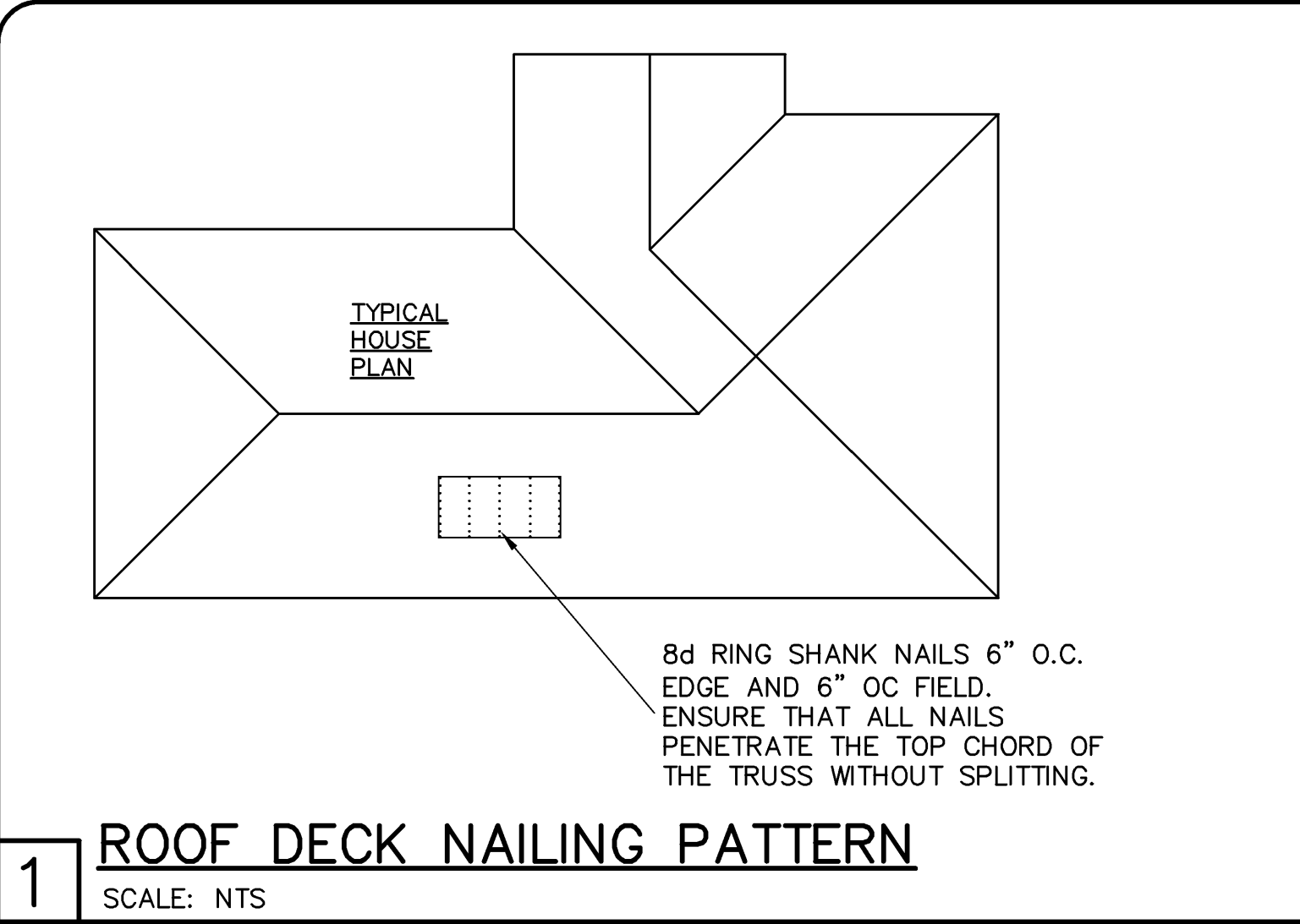
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DATE: 07-06-17
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CHECKED BY: J.W.C.
REVISED:
PLAN: SECTION
SCALE: N.T.S.
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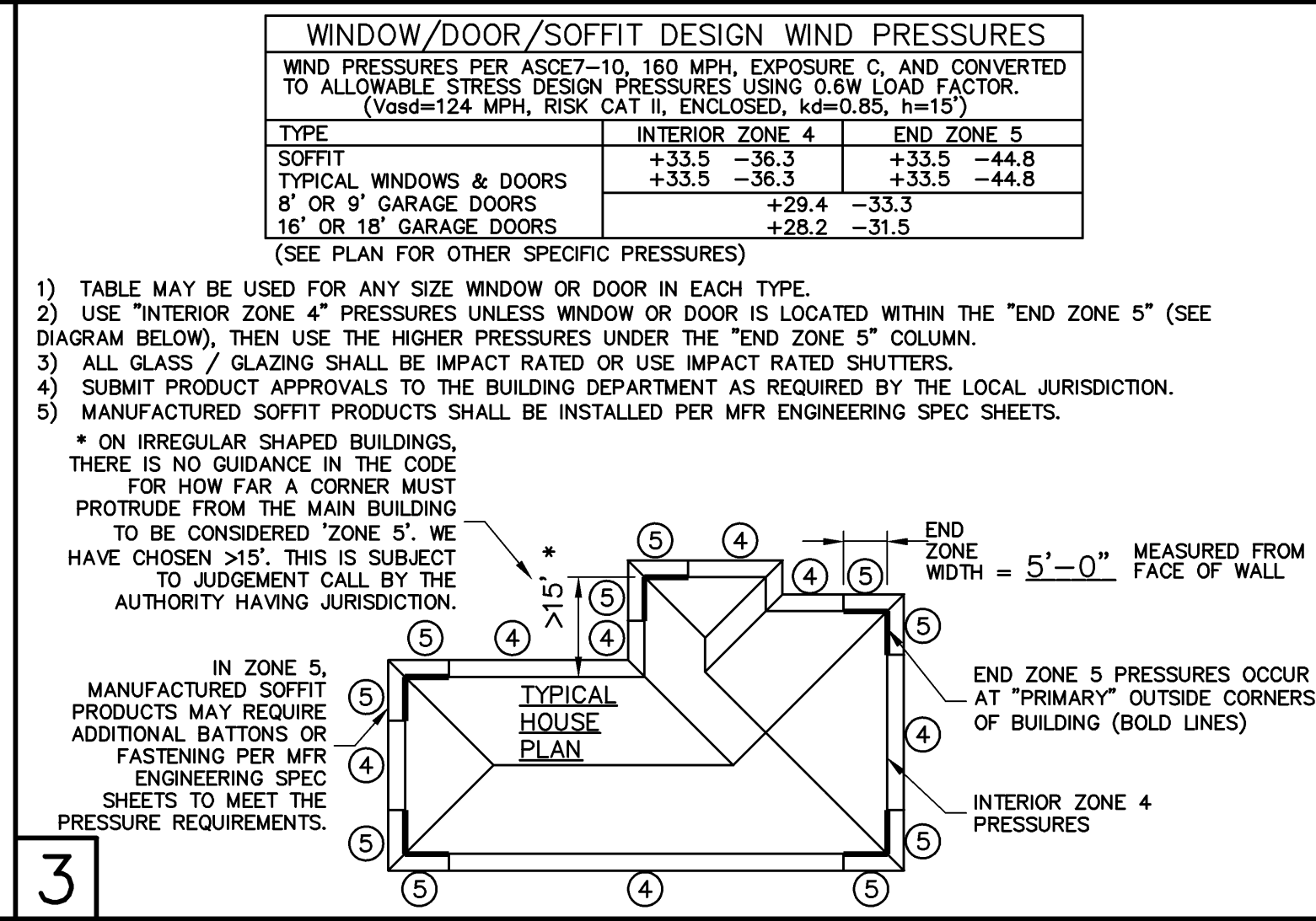
A-6



NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.



SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF	LANAI / ENTRY CEILING
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. (WHEN 1/2" ZIP BRAND ROOF SHEATHING IS USED, H-CLIPS ARE NOT REQUIRED) (RING SHANK NAILS PER R803.2.3.1: 0.113" NOMINAL SHANK DIAMETER, RING DIA. 0" 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH)	OPTIONS: 1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 3/8" EXTERIOR GYPBOARD CEILING, FASTEN w/8d NAILS OR 1 3/8" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/8" BC PLYWOOD NAILED w/ 6d COMMON @ 6" OC EDGE & FIELD. 3) WIRE LATHE AND 1/2" STUCCO. FASTEN WIRE LATHE WITH GALVANIZED STAPLES BY Senco OR EQUIV., 1" CROWN, 1" LONG, SPACED 4" OC.
NOTE: EXTERIOR CEILINGS AND SOFFITS SPECIFIED HERE MEET THE DESIGN WIND PRESSURES PER R703.1.3.	



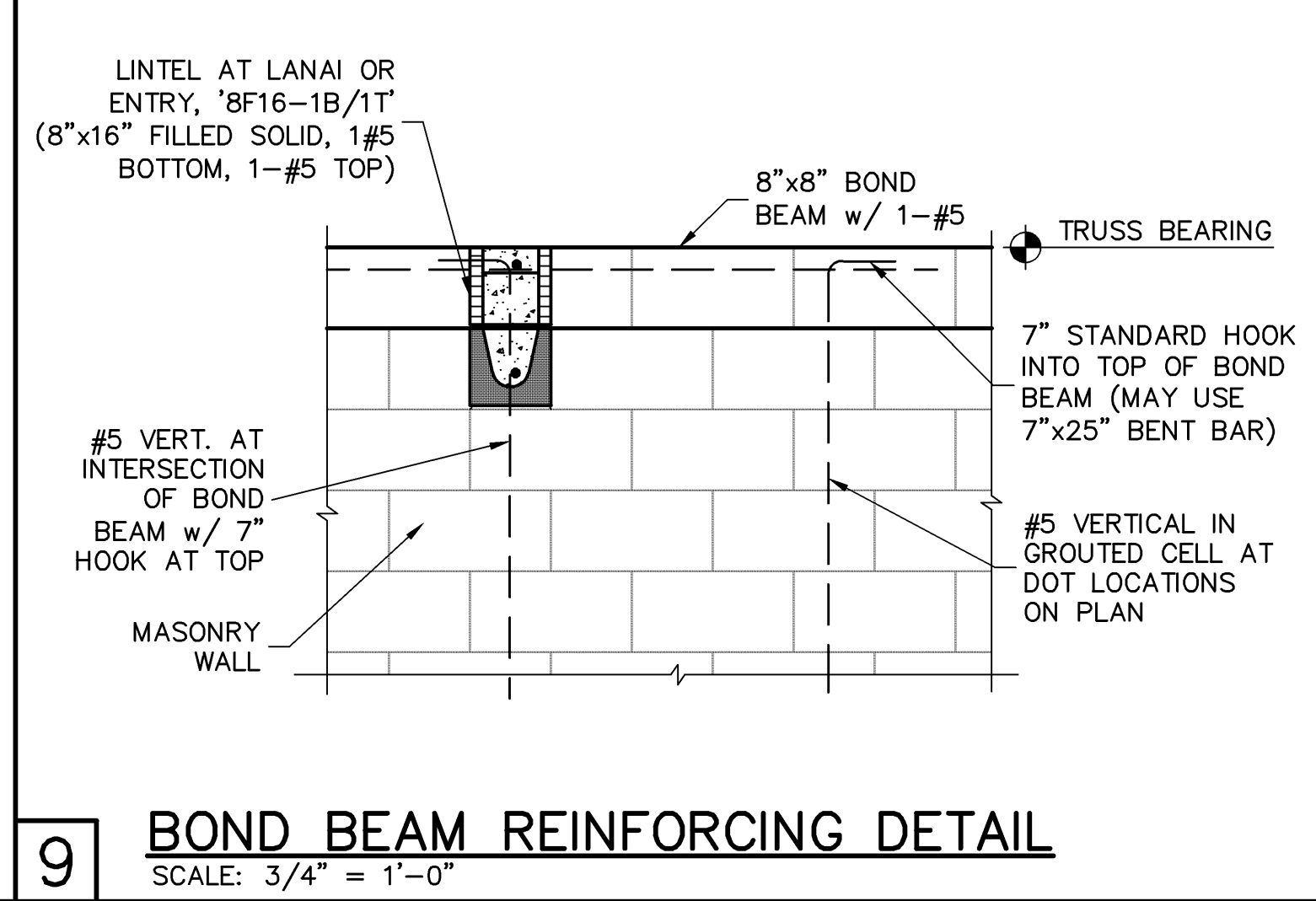
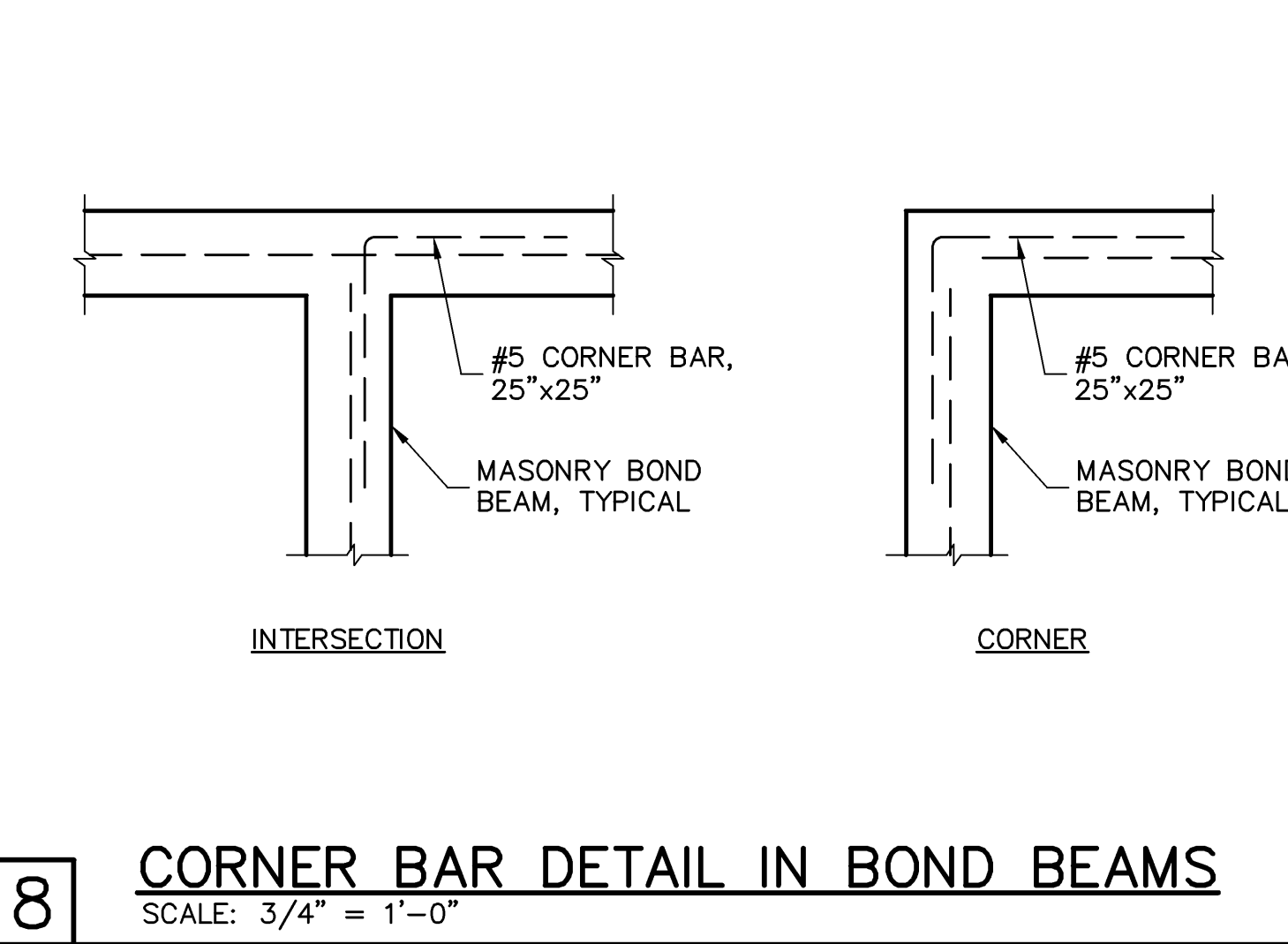
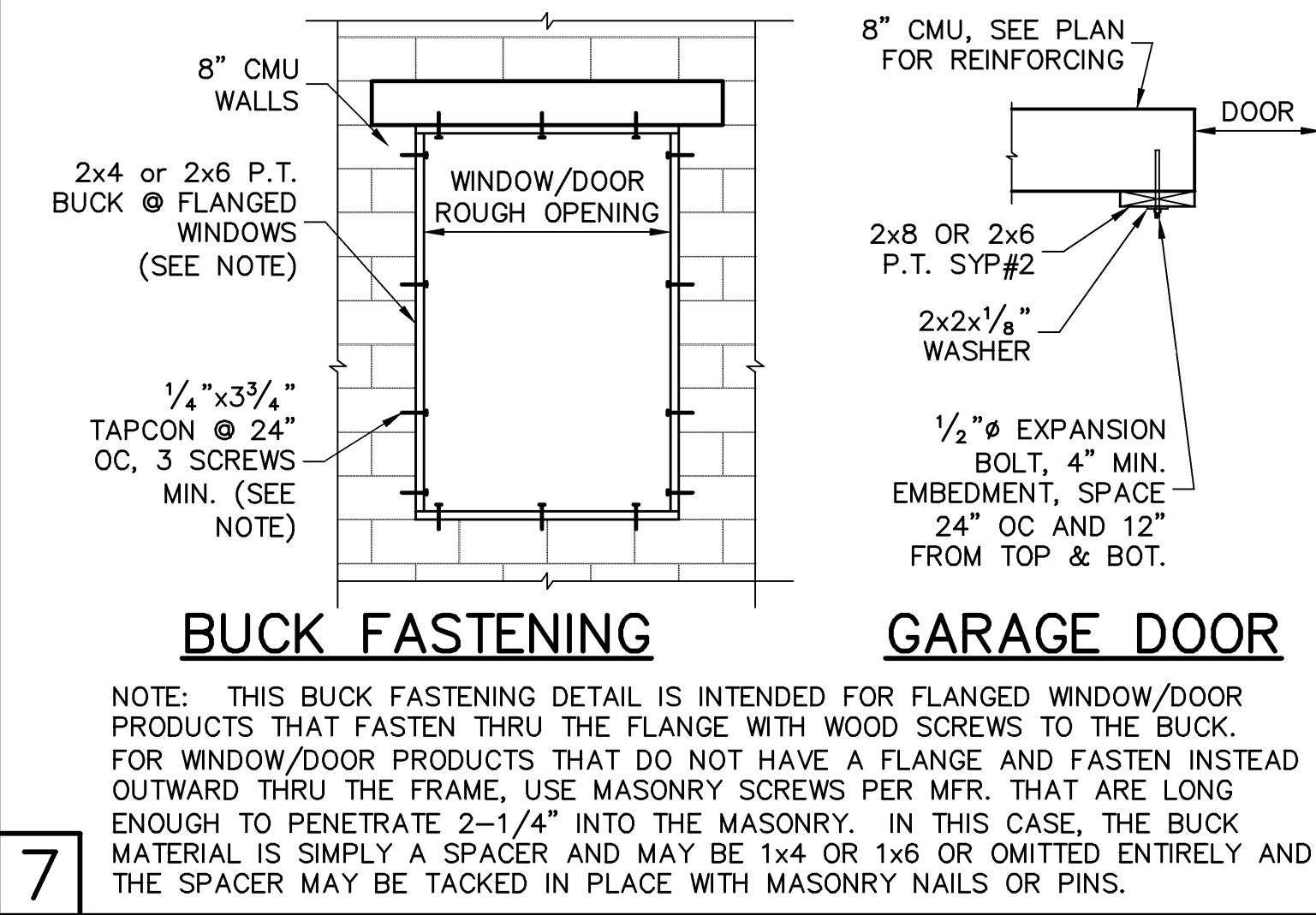
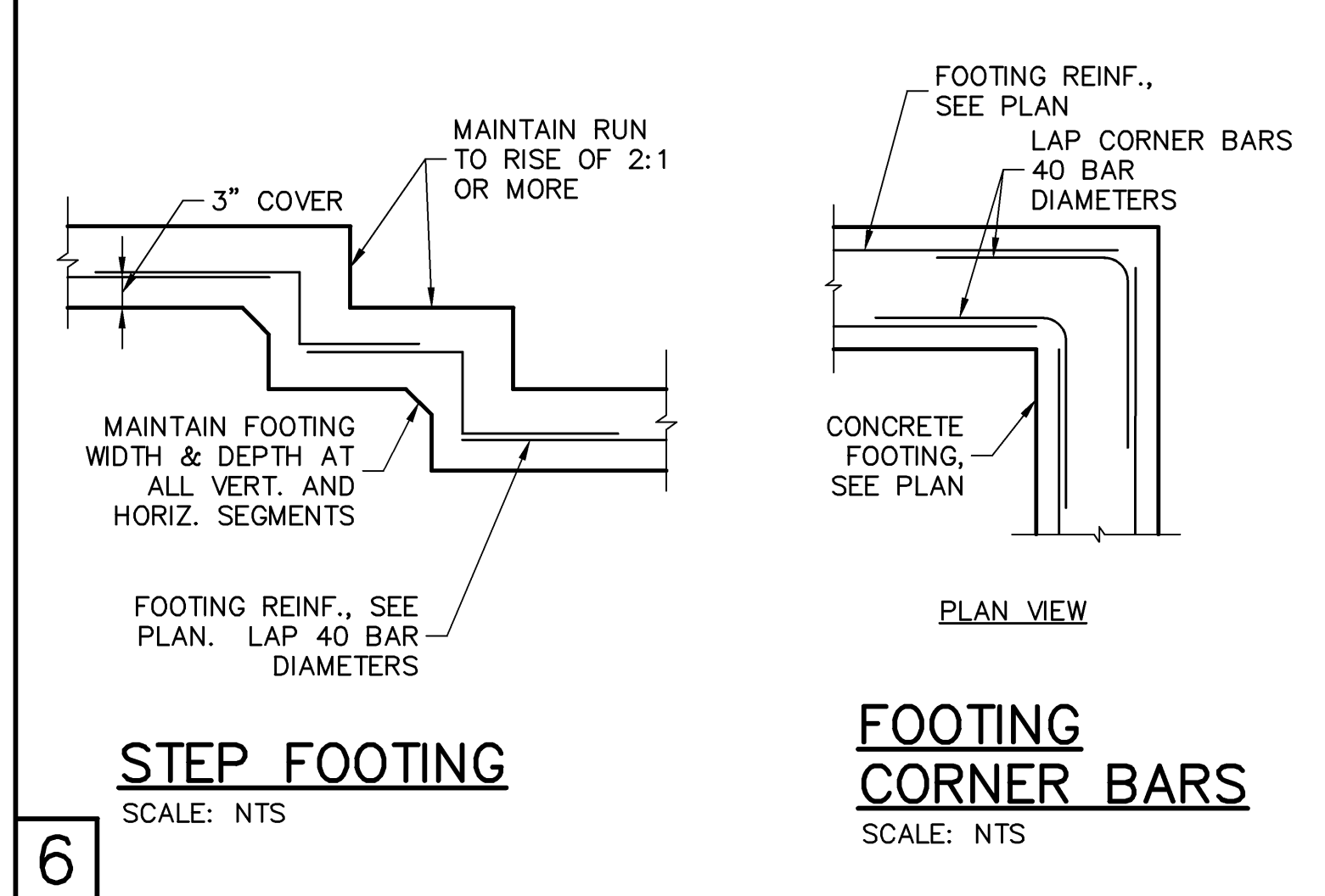
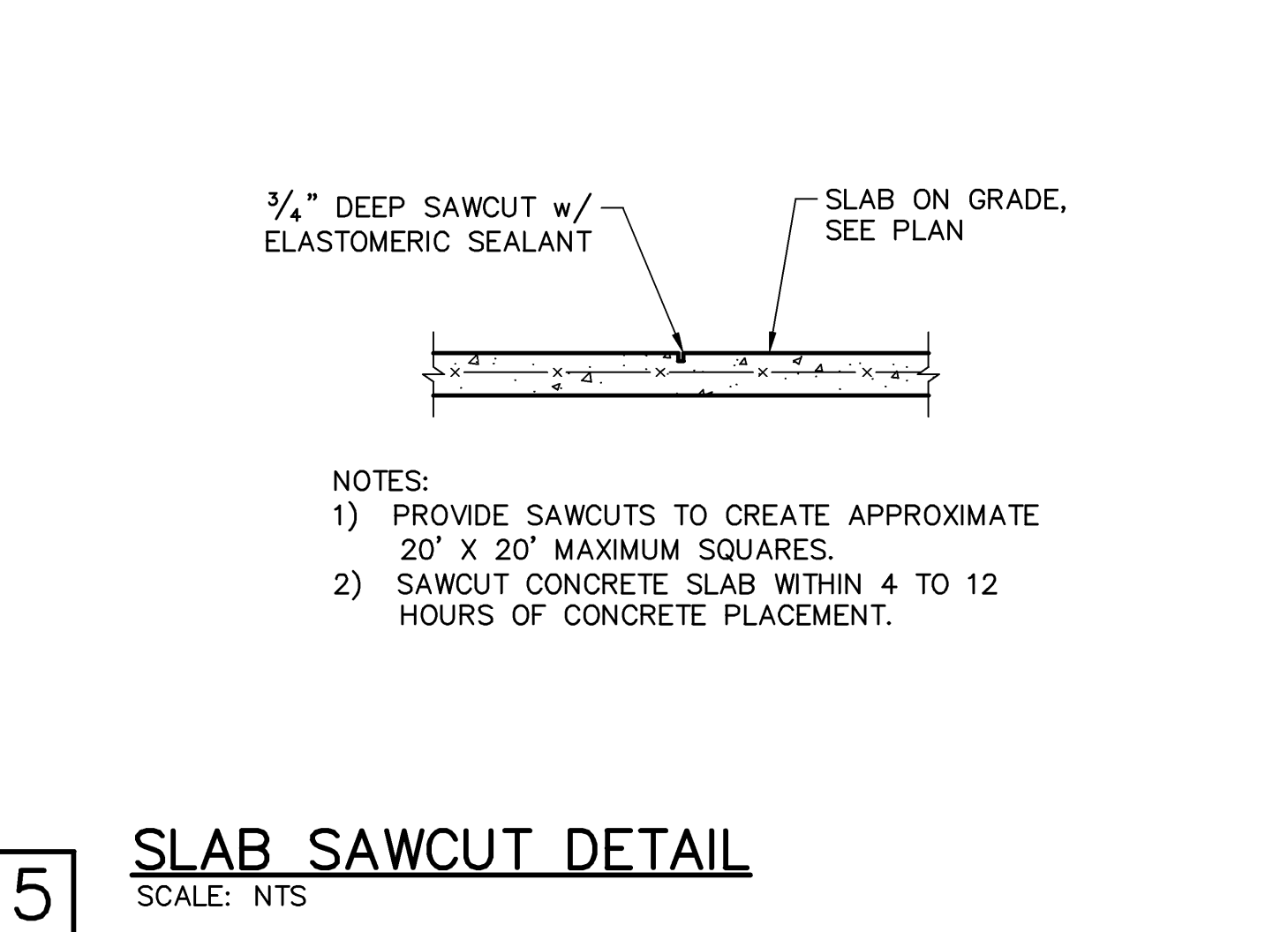
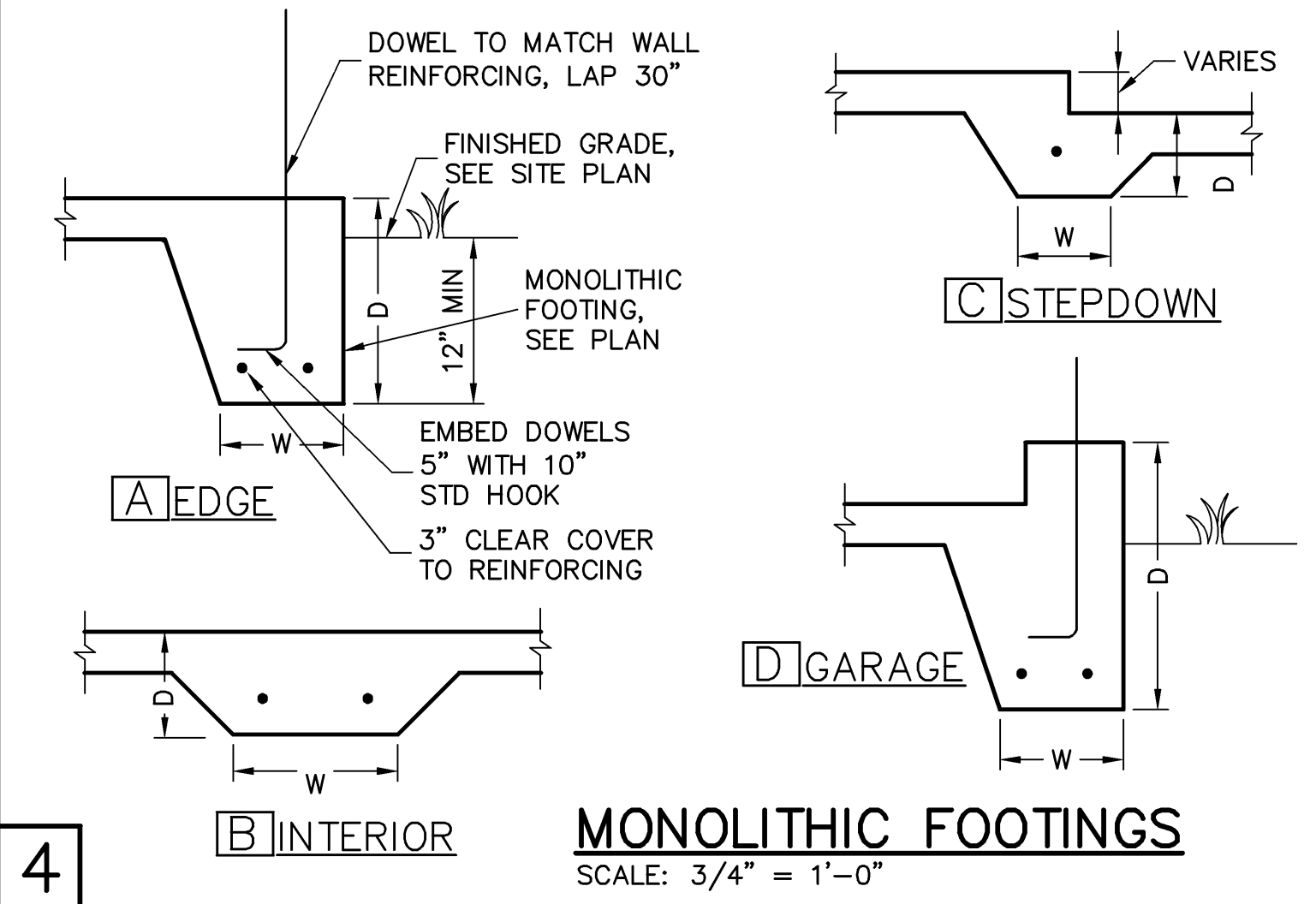
- DESIGN CRITERIA:
- DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL
- FLOOR & ROOF UNIFORM LOADS:
ELEVATED FLOORS: LIVE LOAD 40 PSF, DEAD LOAD 20 PSF
ROOF: LIVE TOP CHORD 20 PSF
LIVE BOTTOM CHORD 10 PSF (NON-CONCURRENT w/ T.C.)
CEMENT ROOF TILE DEAD LOAD 25 PSF TOTAL
SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL
MINIMUM DEAD LOAD FOR WIND: TC 5 PSF, BC 5 PSF
DEFLECTION CRITERIA:
FLOOR L/480 LIVE, L/360 TOTAL
ROOF L/240 LIVE, L/180 TOTAL
 - WIND LOADS:
WIND DESIGN PER ASCE7-10
BASIC WIND SPEED (ASCE7-10) 160 MPH
NOMINAL WIND SPEED (V_{50d} TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR 1.00
EXPOSURE C
MEAN ROOF HEIGHT = 15 FT
ROOF PITCH 5/12
ENCLOSURE CLASS ENCLOSED
INTERNAL PRES. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS - PER R703.1.3, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS. PER R616.4, SOFFIT TESTING SHALL USE ASCE7 DESIGN PRESSURES USING 0.6W LOAD FACTOR.
 - REINFORCED CONCRETE:
DESIGN AS PER ACI 318-11
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f_c = 2500 PSI
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w/14xw1.4 WWF OR FIBERMESH.
CONVENTIONAL SHALLOW FOOTINGS f_c = 2500 PSI
BEAMS AND COLUMNS f_c = 3000 PSI
ALL OTHER CONCRETE (U.N.O.) f_c = 3000 PSI
UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
FOOTINGS 1"
SLAB ON GRADE CENTERED
BEAMS 1 1/2"
COLUMNS 1 1/2"
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
REINFORCING STEEL - ASTM A615 GRADE 60 FOR #3
GRADE 60 FOR #4 TO #11

WELDED WIRE FABRIC - ASTM A185

SPICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5" APART FOR #5 BARS.

FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.
 - REINFORCED MASONRY:
DESIGN PER ACI 530-11
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS f_m = 1500 PSI

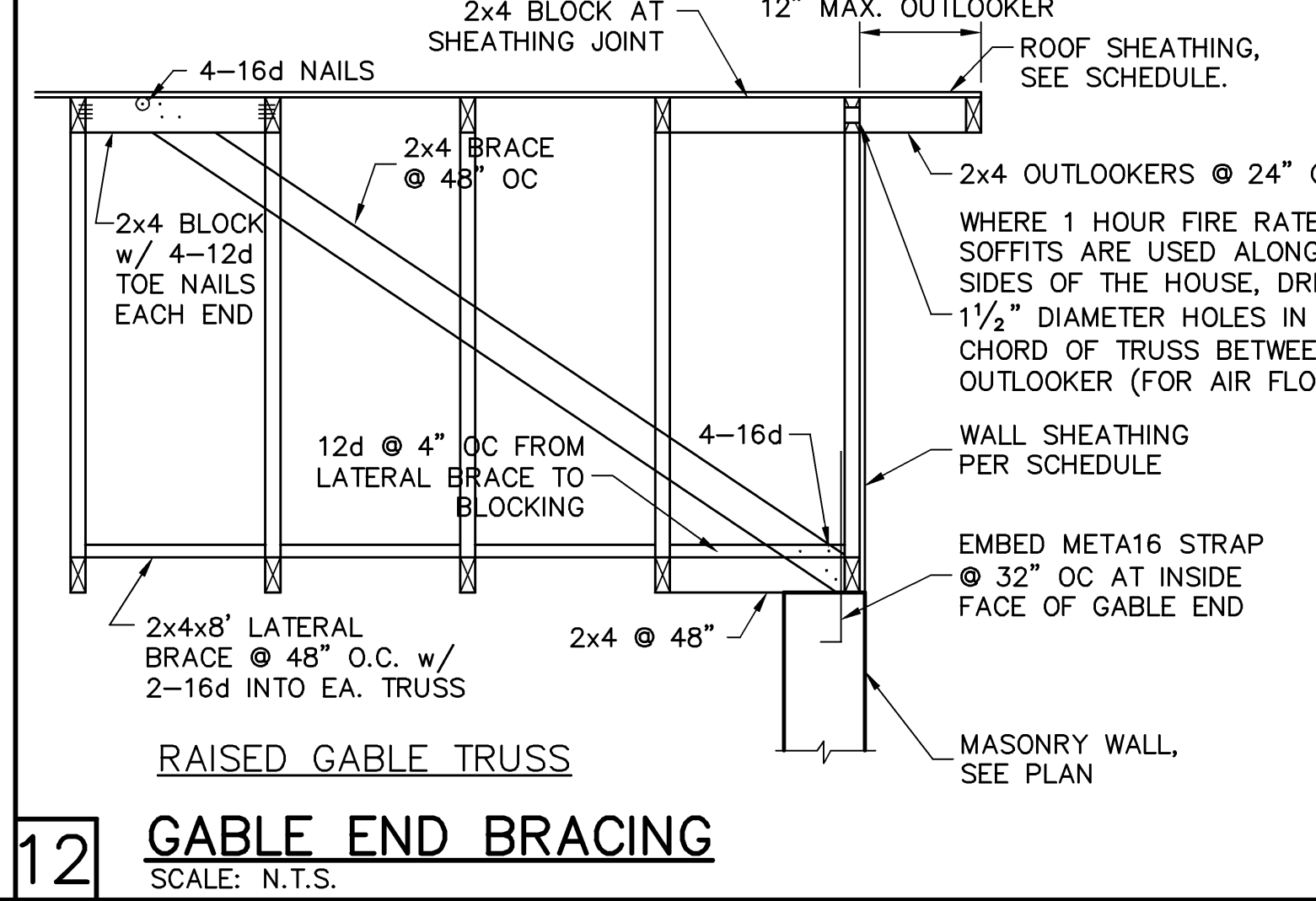
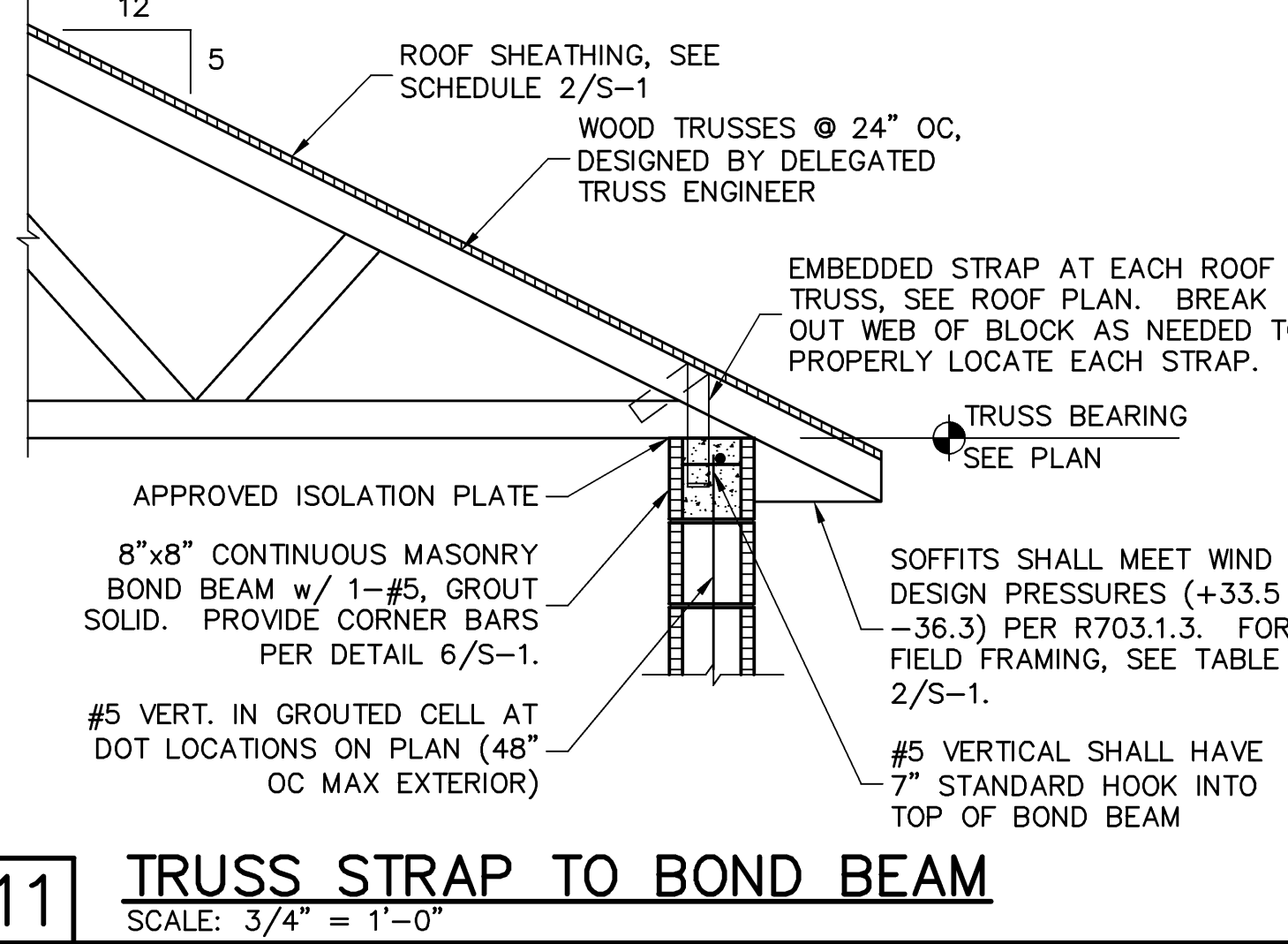
REINFORCING STEEL - ASTM A615 GRADE 60.
SPICES IN REINFORCING, SHALL BE 48 BAR DIAMETERS.
ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90, GRADE N-1 HOLLOW CONCRETE MASONRY UNITS WITH TYPE "S" MORTAR. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 3000 PSI PEA ROCK CONCRETE GROUT. ALL CELLS BELOW FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN. PROVIDE HORIZONTAL JOINT REINFORCEMENT IN WALLS AT 16" OC VERTICALLY, UNLESS NOTED OTHERWISE. IN ADDITION, INSTALL JOINT REINFORCING IN THE FIRST TWO MORTAR JOINTS ABOVE AND BELOW OPENINGS, EXTENDING AT LEAST 24" BEYOND THE OPENING. LAP JOINT REINFORCING 6" MINIMUM.
 - DELEGATED-ENGINEERED WOOD ROOF & FLOOR TRUSSES:
ALL WOOD ROOF AND FLOOR TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61015-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HB-91," FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER. PROVIDE PERMANENT BRACING PER TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.
 - FOUNDATION:
CONVENTIONAL SHALLOW CONCRETE FOOTINGS 2000 PSF
SOIL BEARING CAPACITY
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE AND ASSUMED SOIL BEARING CAPACITY. IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.
 - DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
 - MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO SUPPORT STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 - SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE. PER FLORIDA ADMINISTRATIVE CODE 61G15-30.005 AND 61G15-31.003.



RETROFIT STRAPS TO CONCRETE/MASONRY

TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR
TO 840	1-MTSM16 or 20
TO 1045	1-HTSM16 or 20
TO 2090	2-HTSM16 or 20
TO 4300	2-LGT2
TO 3480	HTT16
TO 10530	HGT-2/3

NOTES:
1) WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.



At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:
Plaster R703.6.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.
Metal Lath R703.6.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).
Water Resistive Barrier (WRB) R703.6.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

REVISIONS	BY

STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
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CA# 8629

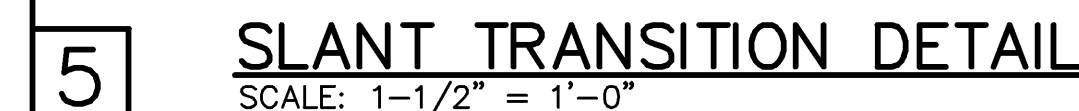
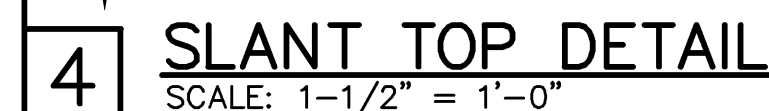
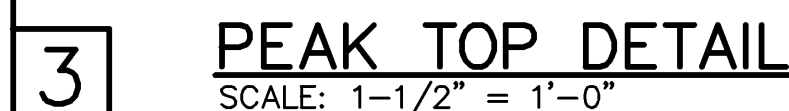
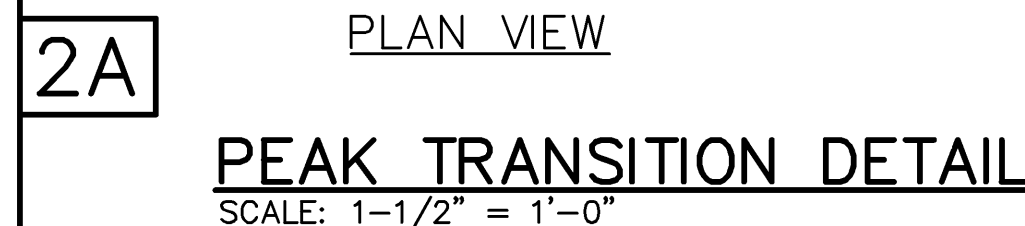
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BUILDER:

STRUCTURAL DETAILS FOR
1519 SIGNATURE VILLA
4278, 4282 DUTCHESS PARK ROAD
FORT MYERS, FLORIDA
LOTS: 264, 265 SUBDIVISION: LINDSFORD

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 07/06/17
SCALE AS NOTED
JOB NO. DR9876
SHEET
S-1
SHEET 1 OF 3

FOR SCOSTA TRUSSES, JOB # 44150, DATED 10/05/15, REVISED: 12/14/15

[illegible]

STRUCTURAL ENGINEERING:

**STRUCTURAL
SYSTEMS
OF NORTH FLORIDA**
1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554

549

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830 III

Express HOMES

**STRUCTURAL DETAILS FOR
1519 SIGNATURE VILLA**
4278, 4282 DUTCHESS PARK ROAD
FORT MYERS, FLORIDA
LOTS: 264, 265 SUBDIVISION: LINDSFORD

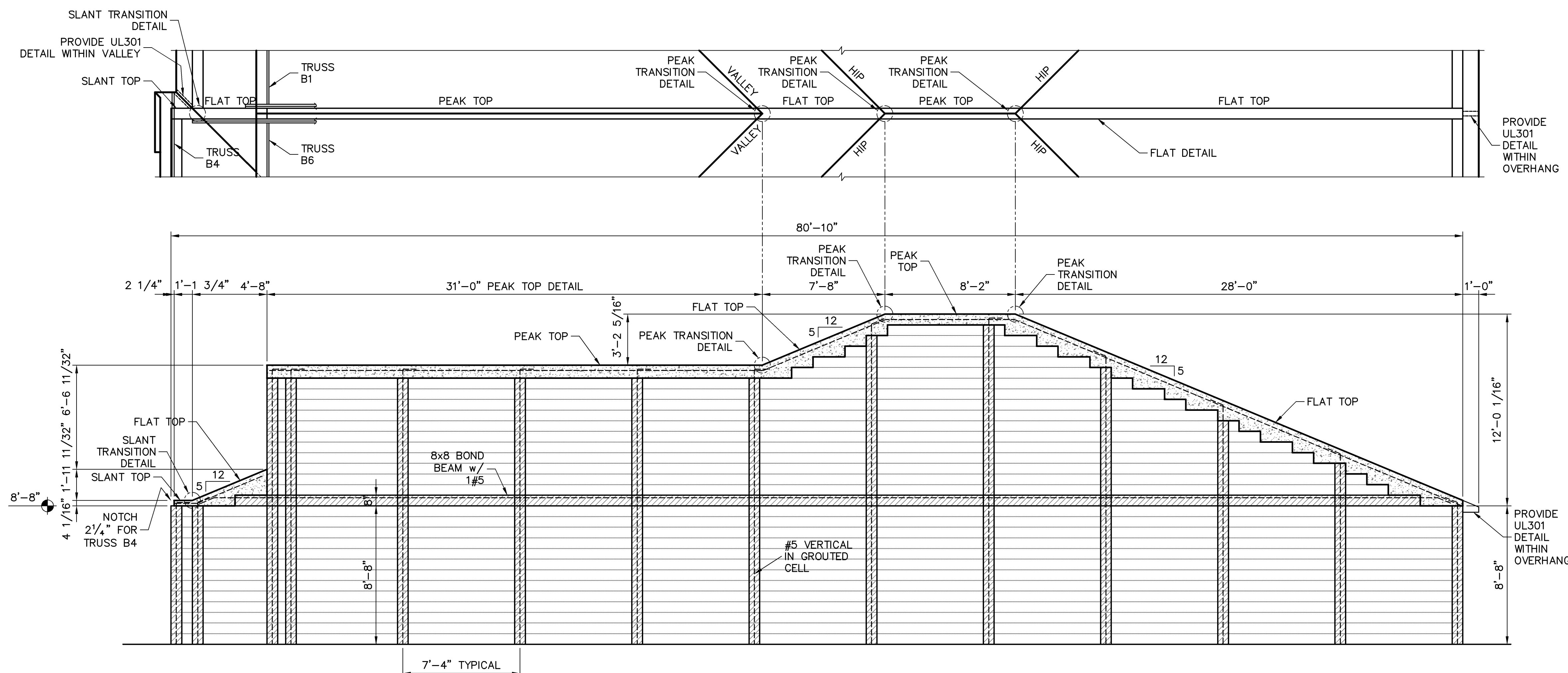
12.3) 1202 DISTRESS PARK ROAD
FORT MYERS, FLORIDA
OTS: 364 36E SUBDIVISION. LINDSEARD

DESIGN/DRAWN
DWB/DWB
CHECKED
DWB
DATE
07/06/17
SCALE
AS NOTED
JOB NO.
DR9876
SHEET

S-2

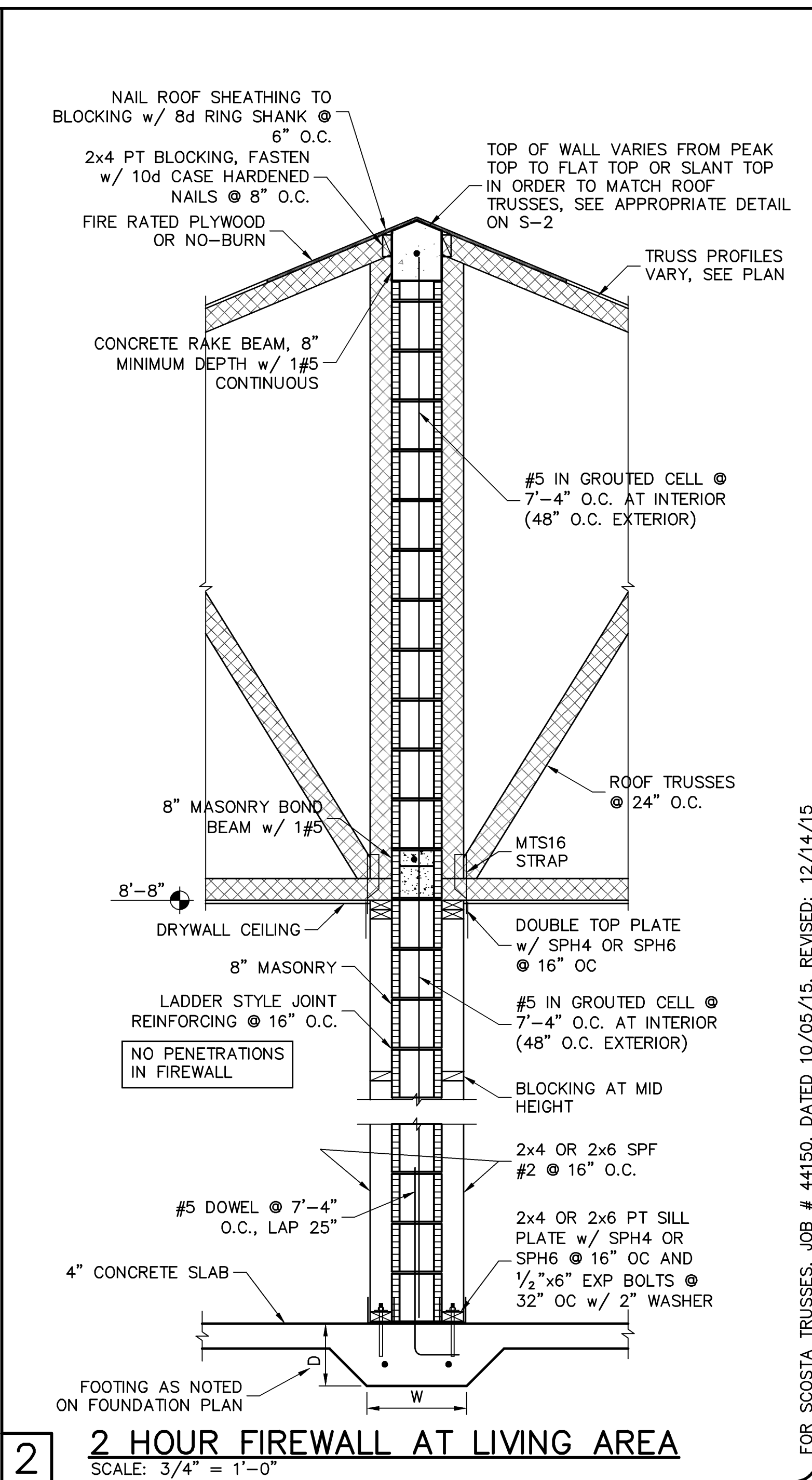
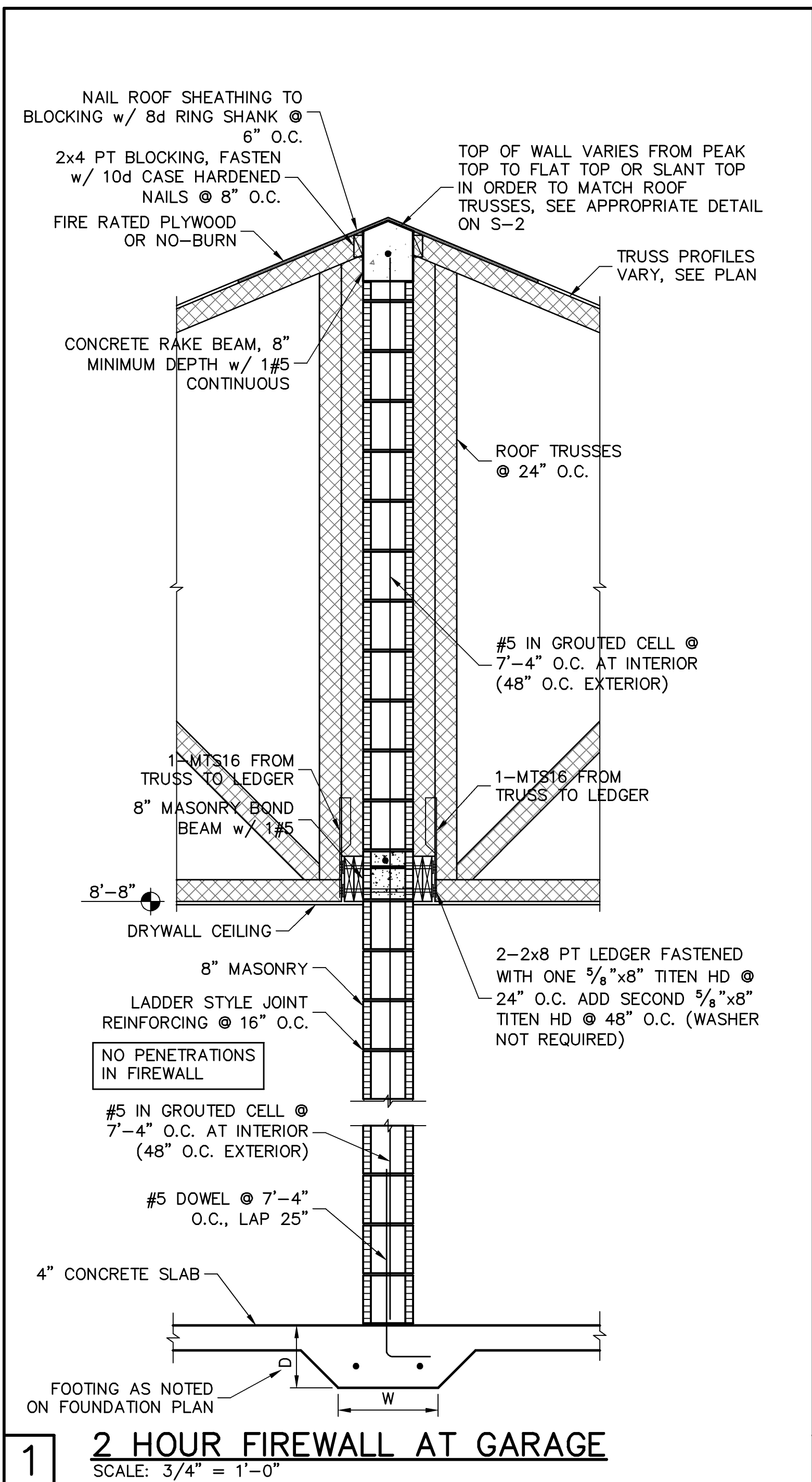
SHEET 2 OF 3

FOR SCOSTA TRUSSES. JOB # 44150. DATED 10/05/15. REVISED: 12/14/15



SECTION FOR 1519 SS ELEVATION
FOR 5:12 ROOF PITCH
SCALE: 1/4" = 1'-0"

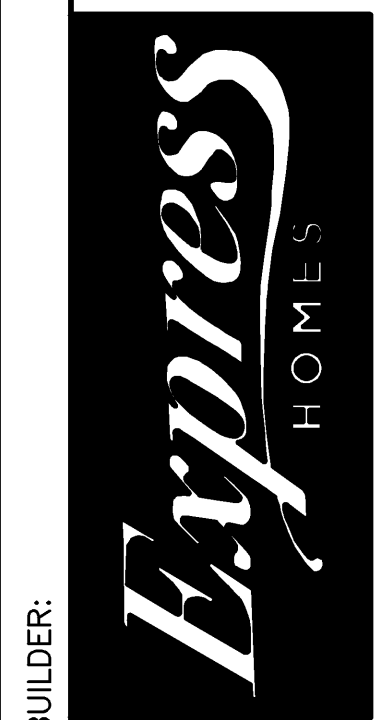
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FOR SCOSTA TRUSSES, JOB # 44150, DATED 10/05/15, REVISED: 12/14/15

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:



STRUCTURAL DETAILS FOR
1519 SIGNATURE VILLA
4278, 4282 DUTCHESS PARK ROAD
FORT MYERS, FLORIDA
LOTS: 264, 265 SUBDIVISION: LINDSFORD

DESIGN/DRAWN
DWB/DWB
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DWB
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JOB NO.
DR9876
SHEET

S-3
SHEET 3 OF 3

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