HT9 TION

WESTERN ONE-KOTE STUCCO

WESTERN ONE-KOTE STUCCO IAPMO FINAL REPORT ER-0382

ALL ONE COAT STUCCO SYSTEMS SHALL BE APPLIED BY MANUFACTURER APPROVED INSTALLERS. AN APPROVED WEATHER RESISTIVE BARRIER SHALL BE INSTALLED OVER ALL FRAMING AND WOOD BASED SHEATHING

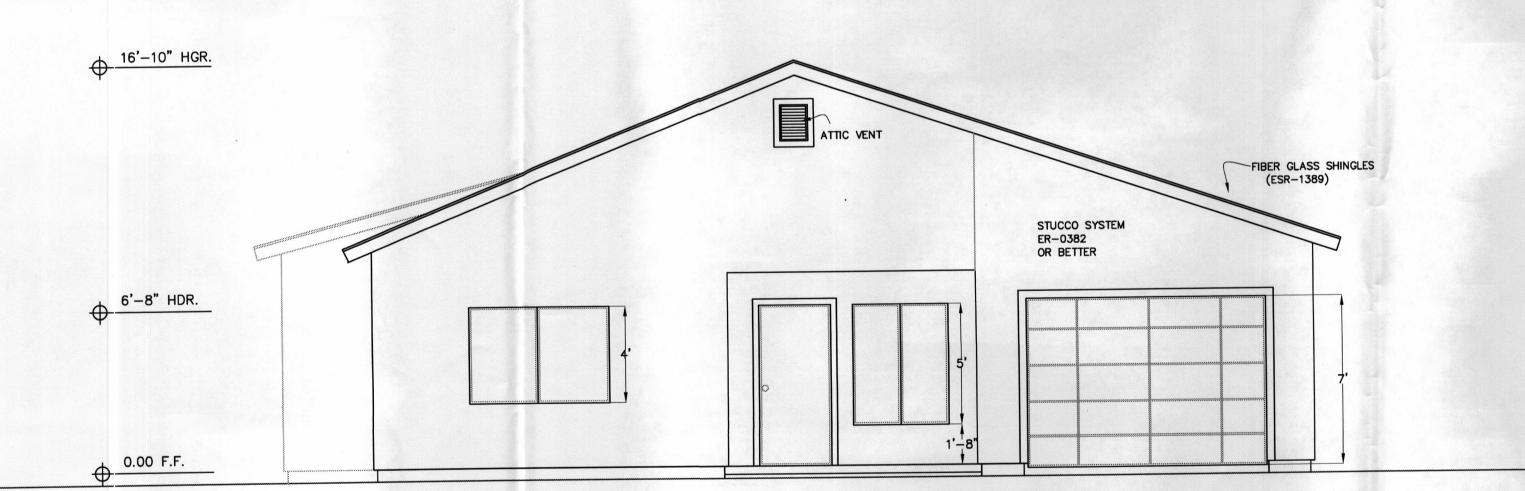
NOTE:

THE BUILDING SAFETY DIVISION WILL REQUIRE THE INSTALLATION CARD FROM THE STUCCO MANUFACTURERS APPROVED APPLICATOR BE ON THE JOB SITE BEFORE THE APPLICATION OF THE WEATHER-RESISTIVE BARRIER. A COPY OF THE INSTALLATION CARD MUST BE PRESENTED TO THE BUILDING INSPECTOR AFTER COMPLETION OF THE WORK AND BEFORE FINAL INSPECTION. A COPY OF THE INSTALLATION CARD SHALL BE LEFT AT THE JOB SITE FOR THE PROPERTY OWNER.

		FIBER GLASS SHINGLES (ESR-1389)
→ 16'-10" HGR.		
6'-8" HDR.		4"X6" 4"X6" 4"X6" BEAM
4	STUCCO SYSTEM	
	STUCCO SYSTEM ER-0382 OR BETTER	
0.00 F.F.		
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SCALE: 1/4" = 1'-0"

1338 GYP. WALL BOARD ASSEMBLY 1389 FIBER GLASS SHINGLES



SOUTH Elevation

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

CONNECTION	NAILING-
1 JOIST TO SILL OR GIRDER, TOENAIL	3-8d
	2-8d
2 BRIDGING TO JOIST, TOENAIL EACH END	2-8d
3 1" X 6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	3-8d
4 WIDER THAN 1" X 6" SUBFLOOR TO EACH JOIST, FACE NAIL 5 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
	16d at 16' DC
6 SDLE PLATE TO JOIST OR BLOCKING, FACE NAIL SDLE PLATE TO JOIST OR BLOCKING, @ BRACED WALL PANELS	3-16d per 16"
7 TOP PLATE TO STUD, END NAIL	2-16d
8 STUD TO SOLE PLATE	4-8, toenall or
	2-16d, end nail
9 DOUBLE STUDS, FACE NAIL	16d at 24" DC
10. DOUBLED TOP PLATES, TYP FACE NAIL	16d at 16' □C 8-16d
DOUBLED TOP PLATES, LAP SPLICE	3-8d
11. BLK'S BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	
12. RIM JOIST TO TOP PLATE, TOENAIL	8d € 6' D.C. 2-16d
13. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	16d at 16' DC
14. CONTINUOUS HEADER, TWO PIECES	ALONG EACH EDGE
15. CEILING JOISTS TO PLATE, TOENAIL	3-8d
16. CONTINUOUS HEADER TO STUS, TOENAIL	4-8d
17. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
18. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-16d
19. RAFTER TO PLATE, TOENAIL	3-8d
20. 1' BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
21. 1' X 8' SHEATHING OR LESS TO EACH BEARING, FACE NAIL	2-8d
22. WIDER THAN 1' X 8' SHEATHING TO EACH BEARING, FACE NAIL	3-8d
23. BUILT-UP CORNER STUDS	16d at 24" DC
24. BUILT-UP GIRDER AND BEAMS	20d at 32' DC AT TOP AND BOTTOM AND STAGGEREI 2-20d AT ENDS AND AT EACH SPLICE
25. 2' PLANKS	2-16d AT EACH BEARING
26. WOOD STRUCTURAL PANELS & PARTICALEBOARD: 2 SUBFLOOR, ROOF AND WALL SHEATHING (to framing)	
16732 - 37 JESS	6d-3 8d-4 DR 6d-5
	8d-3 10d-4 or 8d-5
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING) 3/4 AND LESS	6d-5
7/8'-1'	8d-5 10d-4 or 8d-5
1 1/8'- 1 1/4' 27. PANEL SIDING (TO FRAMING)	6d-6
1/2' DR LESS	8d-6
5/8' 28. FIBERBOARD SHEATHING	NO 11 ga8
1/2'	6D-4
	N□ 16 ga9
25/32*	N□ 11 ga8 8d-4
	N□ 16 ga9
29. INTERIOR PANELING	4d-10

WHERE SPECIFIC INSTRUCTIONS IN THESE SPEC'S REQUIRE THAT A PARTICULAR PRODUCT AND/OR MATERIAL(S) BE INSTALLED AND/OR APPLIED BY AN APPROVED APPLICATOR OF THE MANUFACTURER,
IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO ENSURE THE WORK BE DONE BY AN APPROVED APPLICATOR. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS UNLESS GENERAL

STRUCTURAL NOTES ARE MORE STRINGENT. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS, CONTRACTORS SHALL VERIFY & BE RESPONSIBLE FOR ALL DIMENSIONS & CONDITIONS ON THE JOB & SHALL NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THE

DIMENSIONED CONDITIONS SHOWN ON THE DRAWINGS. TYPICAL DETAILS MAY NOT NECESSARILY BE PUT ON THE PLANS, BUT APPLY UNLESS NOTED OTHERWISE.

CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES, SPECIFICATIONS AND ALL APPLICABLE CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. THIS OFFICE MUST BE NOTIFIED IN

WRITING OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

ANY STRUCTURAL DESIGN PROVIDED BY OTHERS AND SUBMITED FOR REVIEW, BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF ARIZONA.

ALL PRODUCTS LISTED BY I.C.C../N.E.R. NUMBER(S) SHALL BE INSTALLED PER THE REPORT AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PRODUCT SUBSTITUTIO(S) FOR PRODUC(S) LISTED SHALL ALSO HAVE I.C.B.O. APPROVED EVALUATION REPORT(S) OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCIES. THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE

STRUCTURE DURING CONSTRUCTION. SUCH MEASURES WILL INCLUDE, BUT NOT BE LIMITED TO BRACING AND SHORING. THE PROJECT ARCHITECT OR THE STRUCTURAL. ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS OR METHODS-TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND PROGRAMS RELATING THERETO.

SHALL MEET ALL THE REQUIREMENTS OF A.C.T. 301-66 TYPE II CEMENT. MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH:

FOUNDATIONS = 2,500 P.S.I.= 2,500 P.S.I.FLOOR SLABS = 2,500 P.S.I.ALL PROCEDURES, PLACEMENT, FORM WORK, LAP ETC. TO CONFORM WITH LATEST A.C.I. STANDARDS, MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THE SLABS ON GRADE NEED TO BE VIBRATED ONLY AROUND UNDER-FLOOR DUCTS,

ETC. MAXIMUM SLUMP 3 1/2" TO 5" BEFORE PLACEMENT OF CONCRETE, THE CONTRACTOR SHALL VERIFY PROPER PLACEMENT OF ALL ITEMS OF WORK WHICH ARE EMBEDDED IN THE CONCRETE WORK. THE FOOTINGS SHALL HAVE BEEN INSPECTED AND APPROVED BY A QUALIFIED SOILS ENGINEER BEFORE CONCRETE PLACEMENT.

DEAD: 25# S. F. (Conc. Roof Tile-Typ)

LOADS IS THE SOLE RESPONSIBILITY OF THE TRUSS FABRICATOR.

TRUSSES SHALL BE DESIGNED AND SEALED BY AN ARIZONA REGISTERED ENGINEER. DEFERRED SUBMITTAL DOCUMENTS MUST BE SUBMITTED TO THE BUILDING OFFICIAL. AFTER THEY HAVE BEEN REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN DOCUMENTS. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. THE FOLLOWING ITEMS SHALL BE SUBMITTED:

ROOF FRAMING SHALL BE PREFABRICATED WOOD TRUSSES. TRUSS FABRICATOR SHALL BE APPROVED BY THE BUILDING OFFICIAL. THE TRUSS FABRICATOR SHALL BE

PREFABRICATED WOOD TRUSS PRODUCTS USED ON THIS PROJECT. FINAL DESIGN AND CORRECT NUMBER OF MULTIPLE JOISTS SUPPORTING LINE LOADS OR CONCENTRATED

SOLELY RESPONSIBLE FOR THE DESIGN & STRUCTURAL ADEQUACY OF ALL

1.- PREFABRICATED WOOD TRUSSES

GLU-LAM BEAM: GLU-LAM BEAMS SHALL HAVE THE FOLLOWING PROPERTIES: Fb = 2,400 P.S.I.

Fv = 165 P.S.I.Fc = (PERP) = 450 P.S.I. (COMB. SYM. 24FV3)E = 1,700,000 P.S.I.

BEAMS CANTILEVERED OVER SUPPORTS SHALL HAVE THE SPECIFIED MINIMUM PROPERTIES TOP AND BOTTOM. (COMB. SYM. 24FV8) ALL BEAMS SHALL BE FABRICATED USING EXTERIOR GRADE GLUE. FABRICATION AND HANDLING PER LATEST AITC AND WCLA STANDARDS.

WOOD TRUSSES:

1.- ROOF SHEATHING SHALL BE 1/2" STD. GRADE SHEATHING (3-PLY) W/EXTERIOR GLUE. SPAN INDEX RATIO 32/16 W STAMP OF APPROVED TÉSTING AGENCY OR ORIENTED STRAND BOARD (NER-108). 2.- ALL ROOF SHEATHING SHALL HAVE; 8d COMMON AT 6" O.C. AT EDGES AND BOUNDARY. 8d AT 12" O.C. AT INTERMEDIATE FRAMING MEMBERS OR 14 GA.X1-3/4" LONGX 7/16" O.D. CROWN GALVANIZED WIRE STAPLES AT 6" O.C. AT EDGES AND BOUNDARY, AT 12" O.C. AT INTERMEDIATE (NER-272) 3.— FLOOR SHEATHING TO BE 3/4" TONGUE AND GROOVE UNDERLAYMENT

BEAMS TO BEAR AITC STAMP AND CERTIFICATE AND GRADE STAMP.

(48/24) GROUP 1 W/EXTERIOR GLUE W/STAMP OF AN APPROVED TESTING AGENCY OR ORIENTED STRAND BOARD (NER-108). 4.- ALL FLOOR SHEATHING SHALL HAVE; 10d NAILS AT 6" O.C. AT EDGES AND BOUNDARY, 10" O.C. AT INTERMEDIATE.

STRUCTURAL LUMBER: FRAMING LUMBER SHALL COMPLY WITH THE LATEST EDITION OF THE GRADING RULES OF THE WESTERN WOOD PRODUCTS ASSOCIATION OR WEST COAST LUMBER INSPECTION GRADING RULES (MUST COMPLY WITH 2012 N.D.S. STANDARDS) EACH PIECE SHALL BEAR AN APPROVED GRADING STAMP.

ALL STRUCTURAL FRAMING MEMBERS SHALL BE DOUGLAS FIR LARCH #2 ALL STUDS & POSTS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

SPECIES & GRADE: POSTS 4x4, 4x6 POSTS 6X6, 6X8 HEM-FIR-2 OR BETTER STUDS 2X4, 3X4, 2X6

DFL CONSTRUCTION GRADE SHEAR WALL STUDS OR SOUTHERN PINE GRADE CONSTRUCTION EXTERIOR STUD WALLS 2X6 @ 16" O. C. U.N.O. INTERIOR STUD WALLS 2X4 @ 16" O.C. U.N.O.

PROVIDE (2) 2X STUDS UNDER THE POINTS OF BEARING U.N.O.

EAST Elevation

I.C.C./N.E.R. NUMBERS

0382 WESTERN ONE-KOTE STUCCO