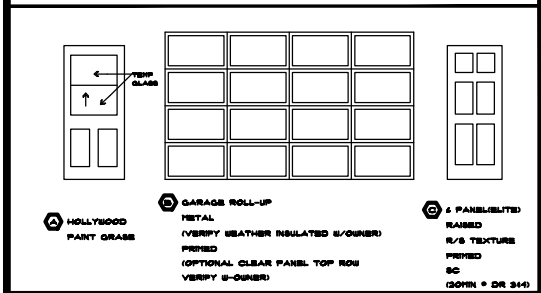


DOOR SCHEDULE

DOOR #	TYPE	DOOR SIZE	HEIGHT	THICK	GLASS	FINISH	REMARKS
01	A	5'-0" x 6'-6"	7'-0"	1 1/2"	SC	ENTRY, EXT. GRADE SEE 24.25/A4184/AL3	
02	B	5'-0" x 7'-6"	7'-0"	1 1/2"	SC	GARAGE (SEE BELOW)	
03	C	5'-0" x 6'-10"	7'-0"	1 1/2"	SC	I/BOTHYR HINGE (SELF-CLOSING)	
04	D	2'-6" x 6'-6"	7'-0"	1 1/2"	HC	POCKET (H.D. TRACK 1 HDU) SEE M/A4	
05	C	2'-6" x 6'-6"	7'-0"	1 1/2"	SC	I/BOTHYR HINGE (SELF-CLOSING)	
06	A	2'-6" x 6'-6"	7'-0"	1 1/2"	SC	EXT. GRADE	

DOOR TYPES



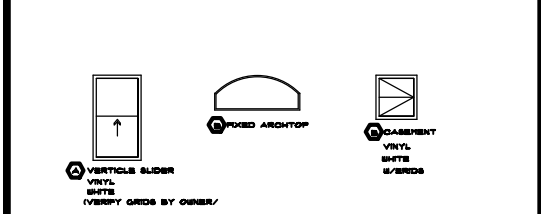
DOOR NOTES

- ALL DOOR TRIM STOCK SHALL MATCH "CORONADO" BASS PATTERN (NARROWER)
- ALL DOOR JAMB STOCK SHALL BE FINISHED JOINT, PAINT GRADE FINE (U/LG.)
- VERIFY ALL JAMB WIDTHS IN FIELD
- ALL DOORS SHALL BE WEATHER STRIPPED TO BE IN COMPLIANCE W/ TITLE 24, CALIFORNIA ADMINISTRATION CODE, (CALIFORNIA ONLY)
- ALL DOORS SHALL BE CERTIFIED & LABELED INDICATIONS THAT THEY MEET APPROPRIATE STANDARDS OUTLINED IN TABLE 2-23V, TITLE 24, CALIFORNIA ADMINISTRATION CODE, (CALIFORNIA ONLY)
- VERIFY ALL HARDWARE REQUIRED I/O/ OWNER
- ALL EXTERIOR DOORS SHALL LIMIT AIR LEAKAGE AROUND THEIR PERIMETER WHEN CLOSED.
- ALL EXTERIOR DOORS SHALL CONFORM TO SPH STD. 2-TAL Q2 SHALL BE OF APPROVED NON-COMBUSTIBLE CONSTRUCTION, Q2 SHALL HAVE A FIRE RESISTIVE RATING OF NOT LESS THAN 30 MINUTES.

WINDOW SCHEDULE

WINDOW #	TYPE	WINDOW SIZE	HEIGHT	GLASS TYPE	FRAME MATERIAL	REMARKS
01	A	5'-0" x 4'-6"	7'-0"	-	VNLT	GRD
02	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
03	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
04	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
05	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
06	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
07	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
08	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
09	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
10	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
11	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
12	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
13	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD
14	A	2'-6" x 4'-6"	7'-0"	-	VNLT	GRD

WINDOW TYPES



WINDOW NOTES

- VERIFY ALL DIMENSIONS IN FIELD.
- ALL WINDOWS SHALL BE DOUBLE GLAZED (U/LG.)
- ALL WINDOWS SHALL BE CLEAR (U/LG.)
- ALL WINDOWS SHALL BE CERTIFIED & LABELED INDICATIONS THAT THEY MEET APPROPRIATE STANDARDS OUTLINED IN TABLE 2-23V, TITLE 24, CALIFORNIA ADMINISTRATION CODE, (CALIFORNIA ONLY)
- ALL GLAZING SHALL BE ASSESS (MIN. 50% FACTOR OF 2.0)
- ALL WINDOWS THAT OPEN SHALL HAVE BUG SCREEN (FIBERGLASS)
- ALL WINDOWS SHALL BE MIN. 30 MINUTE RATED.
- ALL WINDOWS SHALL BE WEATHERING GLASS WITH A PERIMETER OF ONE TYPED PANEL OR GLASS BLOCK UNIT, OR HAVE A FIRE RESISTIVE RATING OF NOT LESS THAN 30 MINUTES.
- ALL WINDOWS SHALL BE WEATHERING "TUSCAN" LINE (VERIFY I/O/OWNER)
- ALL FRAMES SHALL BE VNLT IN COLOR (VERIFY I/O/OWNER)

FINISH SCHEDULE

DOOR	FLOOR	BASE	WALL	CEILING	CEILING	REMARKS
FORN	CONC	-	-	HP-1	T-4"	
SHOP	CONC	IS	OS2	OS2	S-1	FL. GYP * GARAGE BALL
1/2 BATH	SV	IS	OS2	OS2	S-1	FL. GYP * GARAGE BALL
STORAGE	CONC	IS	OS2	OS2	S-1	
GARAGE	CONC	IS	OS2	OS2	S-1	
STAIRS	PUD	-	OS2	OS2	VAULTED	
ATTIC	PUD	-	OS2	OS2	VAULTED	

MATERIAL KEY

CODE	FLOOR MATERIAL	CODE	WALL & CEILING MATERIALS
CONC	EXPOSED CONCRETE	OS2	1/2" GYPSUM WALLBOARD
SV	SHEET VINYL	OS2	5/8" GYPSUM WALLBOARD
PUD	PUD SUB-FLOOR	OS2	5/8" GYPSUM WALLBOARD (FIRE-RATED)
HP-1		HP-1	HARD-PANELS
UD	PRE-SHAPED (VERIFY WITH OWNER) PAINT GRADE		

NOTE: ALL CORNERS TO BE RADIUS CORNER.

INSULATION SCHEDULE

PERIMETER WALL	INSULATION
2 x 6 / 2x4	R-11 VALUE / R-13 VALUE
INTERIOR WALL	INSULATION
2 x 4 / 2 x 6	R-13 VALUE / R-21 VALUE
ROOF	INSULATION
UNDERFLOOR (AT ATTIC)	R-30 VALUE
UNDER FLOOR JOISTS (HIRE ATTACH STUN JETS)	

GLAZING NOTES

- THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:
- GLAZING IN ROADS AND BORDERS DOORS EXCEPT ALCOHOLS.
 - GLAZING IN ROADS AND BORDERS DOORS EXCEPT ALCOHOLS.
 - GLAZING IN STORM DOORS.
 - GLAZING IN ALL UNFRAMED BURNING DOORS.
 - GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, SWIMMING POOLS, SAUNAS, STEAM ROOMS, BATHS, AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 40 INCHES (2538) ABOVE A STANDING SURFACE AND DRAIN RILET.
 - GLAZING IN ROADS OR OPERABLE PANELS ADJACENT TO A DOOR WHEN THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24-INCH (610) ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 40 INCHES (2538) ABOVE A STANDING SURFACE.
 - GLAZING IN AN INDIVIDUAL ROADS OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 1 AND 2, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - 1) EXPOSED AREA OF AN INDIVIDUAL PANEL GREATER THAN 1 SQUARE FOOT
 - 2) EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR
 - 3) EXPOSED TOP EDGE GREATER THAN 34 INCHES ABOVE THE FLOOR
 - 4) ONE OR MORE GLAZING SURFACES WITHIN 34 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING
 - GLAZING IN RAILINGS REGARDLESS OF HEIGHT ABOVE A STANDING SURFACE. INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN-FILL PANELS. EXCEPTION: THE FOLLOWING PRODUCTS AND APPLICATIONS ARE EXCEPT FROM THE REQUIREMENTS FOR HAZARDOUS LOCATIONS AS LISTED IN ITEMS 1-6:
 - 1. GLAZING IN ITEM 1 WHERE THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING.
 - 2. GLAZING IN ITEM 1 WHEN A PROTECTIVE BAR IS INSTALLED ON THE ACCESSIBLE SIDE OF THE GLAZING 34 INCHES TO 36 INCHES ABOVE THE FLOOR. THE BAR SHALL BE CAPABLE OF WITHSTANDING A HORIZONTAL LOAD OF 50 LBS PER LINEAR FOOT WITHOUT CONTACTING THE GLASS AND BE A MINIMUM OF 1 INCHES IN HEIGHT.
 - 3. OUTSPOKE PANELS IN INSULATING GLASS UNITS AND IN OTHER MULTIPLE GLAZED PANELS IN ITEM 1 WHEN THE BOTTOM EXPOSED EDGE OF THE GLASS IS 32 FEET OR MORE ABOVE ANY GRADE, ROOF BALCONY SURFACE, OR OTHER HORIZONTAL OR SLOPED SURFACE (HORIZONTAL SURFACE ADJACENT TO THE GLASS EXTERIOR).
 - 4. OPENINGS IN DOOR THROUGH WHICH A 5-INCH-DIAMETER SPHERE WILL NOT PASS.
 - 5. ASSEMBLIES OF LEADED, FACETED OR CARVED GLASS IN ITEMS 1, 2, 6 AND 7 WHEN USED FOR DECORATIVE PURPOSES.
 - 6. CURVED PANELS IN REVOLVING DOOR ASSEMBLIES.
 - 7. DOORS IN COMMERCIAL REFRIGERATED CABINETS.
 - 8. GLASS BLOCK PANELS COMPLYING WITH SECTION 210
 - GLAZING IN WALLS AND FENCES USED AS THE BARRIER FOR INDOOR AND OUTDOOR SWIMMING POOLS AND SPAS WHEN ALL OF THE FOLLOWING CONDITIONS ARE PRESENT:
 - 1) THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 40 INCHES ABOVE THE POOL SIDE OF THE GLAZING
 - 2) THE GLAZING IS WITHIN 1 FEET OF A SWIMMING POOL, OR SPA WATER'S EDGE
 - GLAZING IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 8 FEET OF THE BOTTOM AND TOP OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 40 INCHES ABOVE A STANDING SURFACE.

GREEN CODE REQUIREMENTS

BOTH VACUUM-ADHESIVE DOORSEALANT SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIST FRESH MATERIALS HAVE BEEN USED.

CCC 42004.01 DUCT OPENINGS AND OTHER RELATED DISTRIBUTION COMPONENTS OPENINGS SHALL BE COVERED DURING CONSTRUCTION.

CCC 42004.02 ADHESIVES, SEALANTS AND CAULKS SHALL BE COMPLIANT WITH VOC AND OTHER TOXIC COMPOUND LIMITS.

CCC 42004.03 PAINTS, STAINS AND OTHER COATINGS SHALL BE COMPLIANT WITH PRODUCT WEIGHTED PER LITRE FOR RGC AND OTHER TOXIC COMPOUNDS.

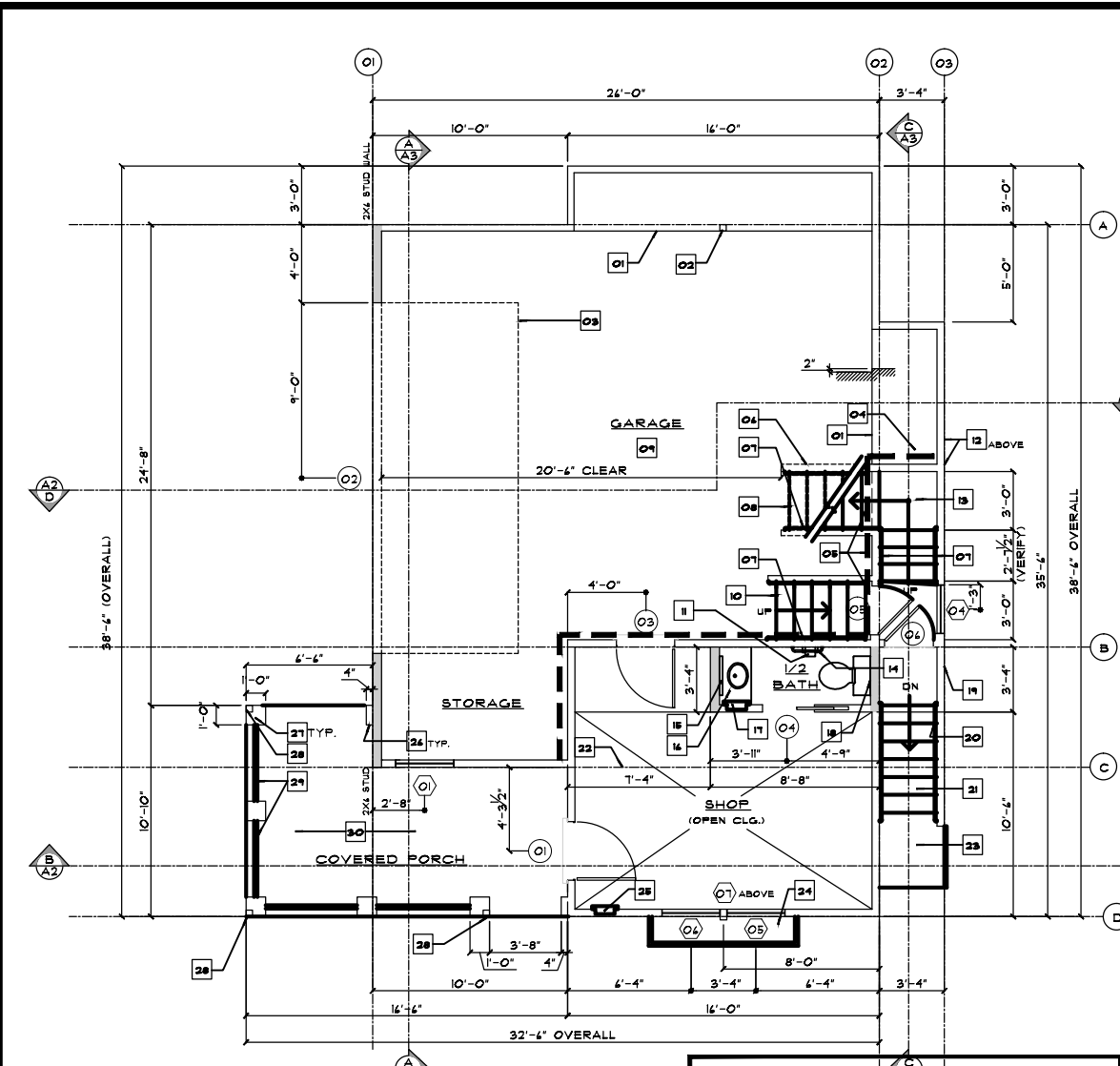
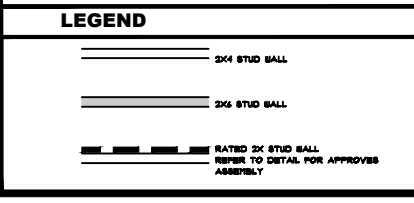
CCC 42004.04 ADHESIVES, SEALANTS AND CAULKS SHALL BE COMPLIANT WITH PRODUCT WEIGHTED PER LITRE FOR RGC AND OTHER TOXIC COMPOUNDS.

CCC 42004.05 DOORSEALANT SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIST FRESH MATERIALS HAVE BEEN USED.

CCC 42004.06 CARPET AND CARPET ADHESIVES SHALL BE COMPLIANT WITH VOC LIMITS.

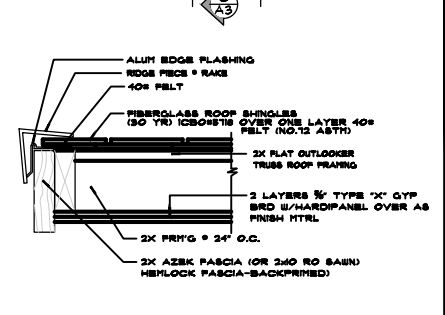
CCC 42004.07 30% OF FLOOR AREA RECEIVING RESIDENT FLOORING SHALL COMPLY WITH THE VOC-EMISSION LIMIT DESCRIBED IN THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS, CARPET LOW-EMISSION MATERIALS LIST OR BE CERTIFIED UNDER THE RESIDENT FLOOR COVERING INSTITUTE (RFC) FLOOR COVERING PROGRAM.

CCC 42004.08 PARTICULATEBOARD, FIBER DENSITY FIBERBOARD (FDF) AND HARDWOOD PLYWOOD USED IN INTERIOR



FLOOR PLAN (LEVEL ONE) NOTES:

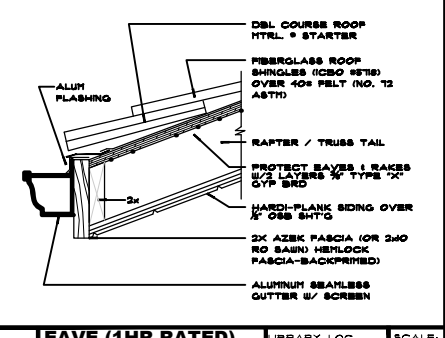
- LINE OF STEP / CURB IN SLAB (TO CURB FTO ELEVATION AND MAINTAIN LEVEL) AND ELEVATED SLAB AREA.
- LOCATION OF POST (REFER TO STRUCTURAL DRAWING).
- LINE OF ROLL-UP GARAGE DOOR, THIS LOC.
- INSURE W/ THIS F.R. GYP BRD. AT ALL SURFACES SURROUNDING STAIRWELL AT GARAGE SIDE OF WALLS. (REFER TO DETL 2/4/5)
- CONTINUE W/ F.R. GYP BRD. AT WALL UNDER AND BELOW STEPS CONTINUE UP TO HORIZONTAL SURFACE. (TYP)
- LINE OF SLOPED CEILING FROM GARAGE SIDE SLOPING FROM STAIR LANDING TO ATTIC ABOVE. KEEP CLEAR BELOW TO BACK WALL AS SHOWN
- HANDRAILS SHALL BE INSTALLED EACH SIDE OF STAIRS AT "24"-38" ABOVE STAIR NOSING. (TYPICAL)
- LINE OF STEP ABOVE CLOSE OFF UNDERSIDE W/ 5/8" THK. F.R. GYP BRD. (REFER TO DETAIL 2/4/5)
- INSURE CEILING AT GARAGE TO BE APPROVED 1-HR RATED ASSEMBLY. (REFER TO DETAIL 2/4/5)
- WOOD FRAMED STEPS, THIS LOCATION, REFER TO DETAILS 23 & 24 SHIT AS.
- SURFACE MOUNT T.P. HOLDER. INSURE PROPER SOLID 2X BLOCKING IN WALL AT THIS LOCATION. (VERIFY EXACT LOCATION I/O/OWNER)
- WINDOWS ABOVE, THIS LOCATION. (REFER TO WINDOW SCHEDULE AND EXTERIOR ELEVATIONS INSURE THESE TWO ARE LOCATED CENTERED ON ROOF RIDGE ABOVE)
- 5/8" THK. PLYWOOD LANDING ON 2X JOISTS 9/4" OC (TYP. VERIFY I/O/OWNER FOR FINISH MATERIAL, P. ANT.)
- IF LONG TOWEL BAR, THIS LOC. VERIFY EXACT MOUNTING HEIGHT I/O/OWNER AND PROVIDE SOLID 2X BLOCKING IN WALL FOR PROPER INSTALLATION.
- SURFACE MOUNT MIRROR, THIS LOCATION.
- WOOD BASE CABINET AT VANITY 5/4" TOE KICK, COUNTERTOP TO BE CORNELL GRANITE OR APPROVED EQUAL 1/2"X 1/2" SPLASH. PROVIDE MIN. 1/2" EDGE-BEVELED SHAPE. (REFER TO DETAIL 24/AL2)
- FIBROCE CABINET (SELF-RECESSED), THIS LOCATION, VERIFY EXACT LOCATION I/O/OWNER AND INSTALL 2X BLOCKING FOR PROPER INSTALLATION. (VERIFY I/O/OWNER WHETHER DOOR HAS KICKER OR NOT)
- 2X4 STUD WALL AT PLUMBING WALLS (TYPICAL)
- 42" HIGH WOOD GUARDRAIL, THIS LOCATION, TREX OR EQUAL DECK MATERIAL AT LANDING INSURE JOISTS ARE SPACED 16" OC. INSURE GUARDRAIL HAS BALUSTERS SPACED 50" A.P. SPHERE CANNOT PASS AND BOTTOM RAIL IS 4" ABOVE LANDING SURFACE.
- HANDRAIL AT REAR FACE OF GUARDRAIL ASSEMBLY AND AT EXTERIOR WALL OR OPPOSITE OF STAIRS. BALUSTERS SPACED 50" A.P. SPHERE CANNOT PASS AND BOTTOM RAIL 4" ABOVE LANDING SURFACE. TOP OF GUARDRAIL TO BE ENOUGH TO ALLOW FOR HANDRAIL TO BE MOUNTED AT INSIDE FACE OF UPPER RAIL AND BE 36"-38" ABOVE STAIR NOSING. (SEE DETAIL)
- TRICK STEPS ON 2X STRINGERS SPACED AT 16" OC. THIS AREA, INSURE SOLID RISERS BETWEEN STEPS AND 1/4" EXTENSION OF NOSING BEYOND RISER.
- LINE OF ATTIC WALL ABOVE (GABLE END WALL) AND FLOOR MATERIAL.
- 24" THK. CONCRETE STUOP 1/4" THICKENED EDGES. (REFER TO DETAIL 23/C2)
- BUILT-UP PLASTER BOX 5/4"X SHAPED CORNELLS BELOW, INSURE TO BE UNBED 1/2"X 1/2" O.L. BOX 5/4"X RETURN UP FOR SECURING TO BOX. PROVIDE DRAIN HOLE 5/8" DIA. TO RECEIVE 1/2" PIPE KIPPLE TO EXTEND BELOW WOOD BOX MIN. 3" ROCK BASE (5" MAX SIZE) AND PAPER OVER TO KEEP TOPSOIL OUT.
- LOCATE ELECTRICAL SUB-PANEL 100A THRU THIS LOC. (SELF-RECESSED I/O/DOOR)
- 4" TOP-OUT TO MATCH WIDTH OF BUILT-UP COLUMNS (IN LINE) AT CORNERS OF COVERED PATIO AREA. WRAP 1/2" PEEL-N-STIC AND HOUSE WRAP BEFORE SODS AND TRYING OUT.
- 2X2X2" BUILT-UP COLUMN (OPTIONAL) AT COVERED PORCH AREA. USE HARD PLANK SIDING (VERTICAL DIRECTION) 5/4"X TREX PIECES. CAULK AND SEAL ALL JOINTS.
- STRUCTURAL POST THIS LOCATION. REFER TO STRUCTURAL DRAWINGS.
- LOCATION OF OPTIONAL GUARDRAIL, 36" HIGH (NOT A CODE REQUIRED GUARDRAIL-CORRESPOND PURPOSE ONLY)
- 30" 4" THK. CONCRETE PLATFORM, THIS AREA, BALT FINISH AND INSURE MIN. 25 SLOPE AWAY FROM BUILDING TO DRAIN TO GRADE. LOCATE PLATFORM TOP SURFACE AS CLOSE TO F.F. ELEVATION AS POSSIBLE FOR SMOOTH TRANSITION AT DOOR. (VERIFY I/O/OWNER)



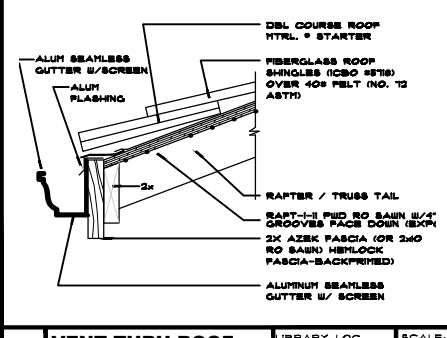
24 RAKE (1HR RATED) GA FILE NO. RC 2602



14 RIDGE



25 EAVE (1HR RATED) GA FILE NO. RC 2602



15 VENT THRU ROOF

FLOOR PLAN, SCHEDULES AND DETAILS

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RAJ

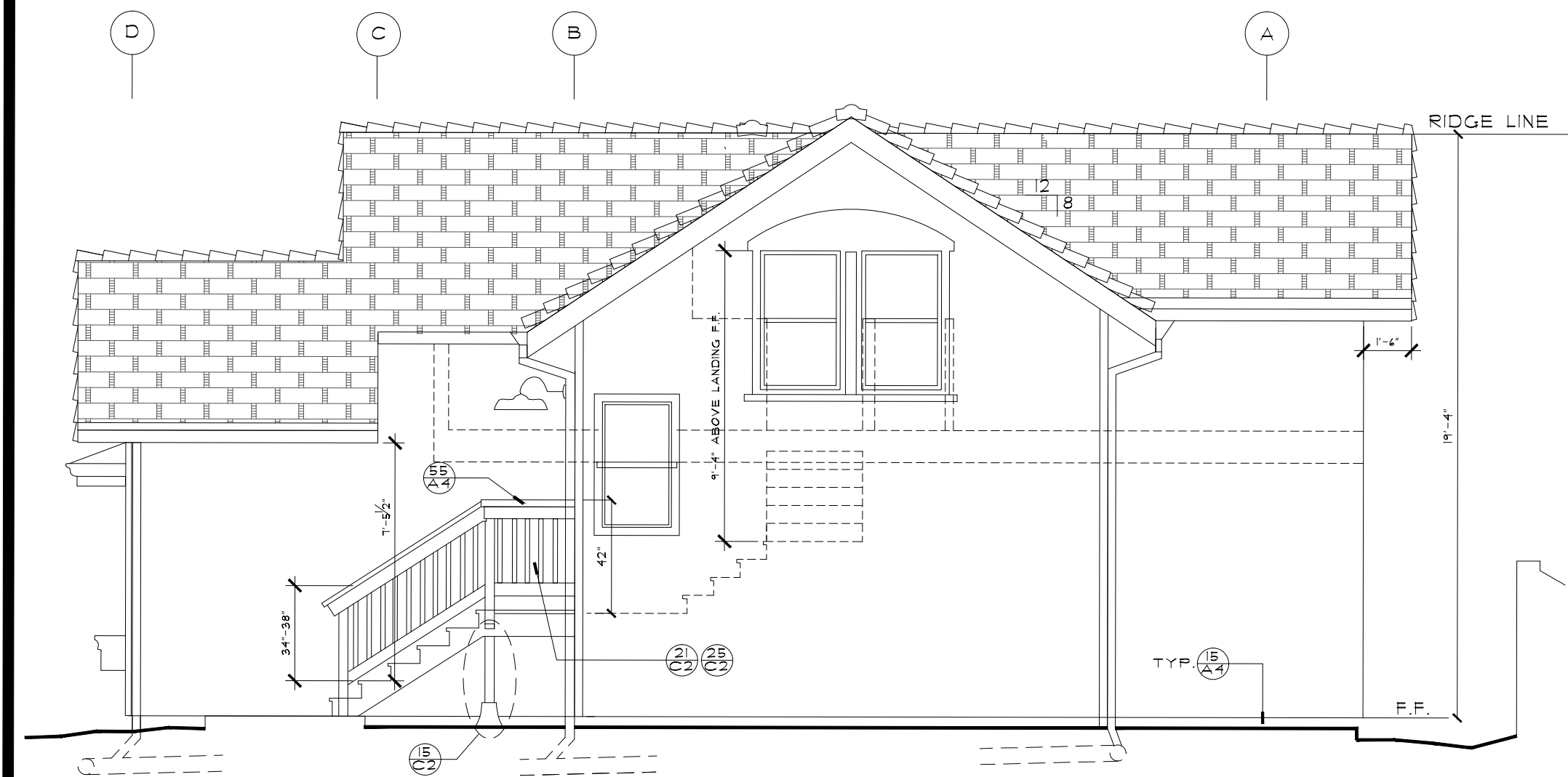
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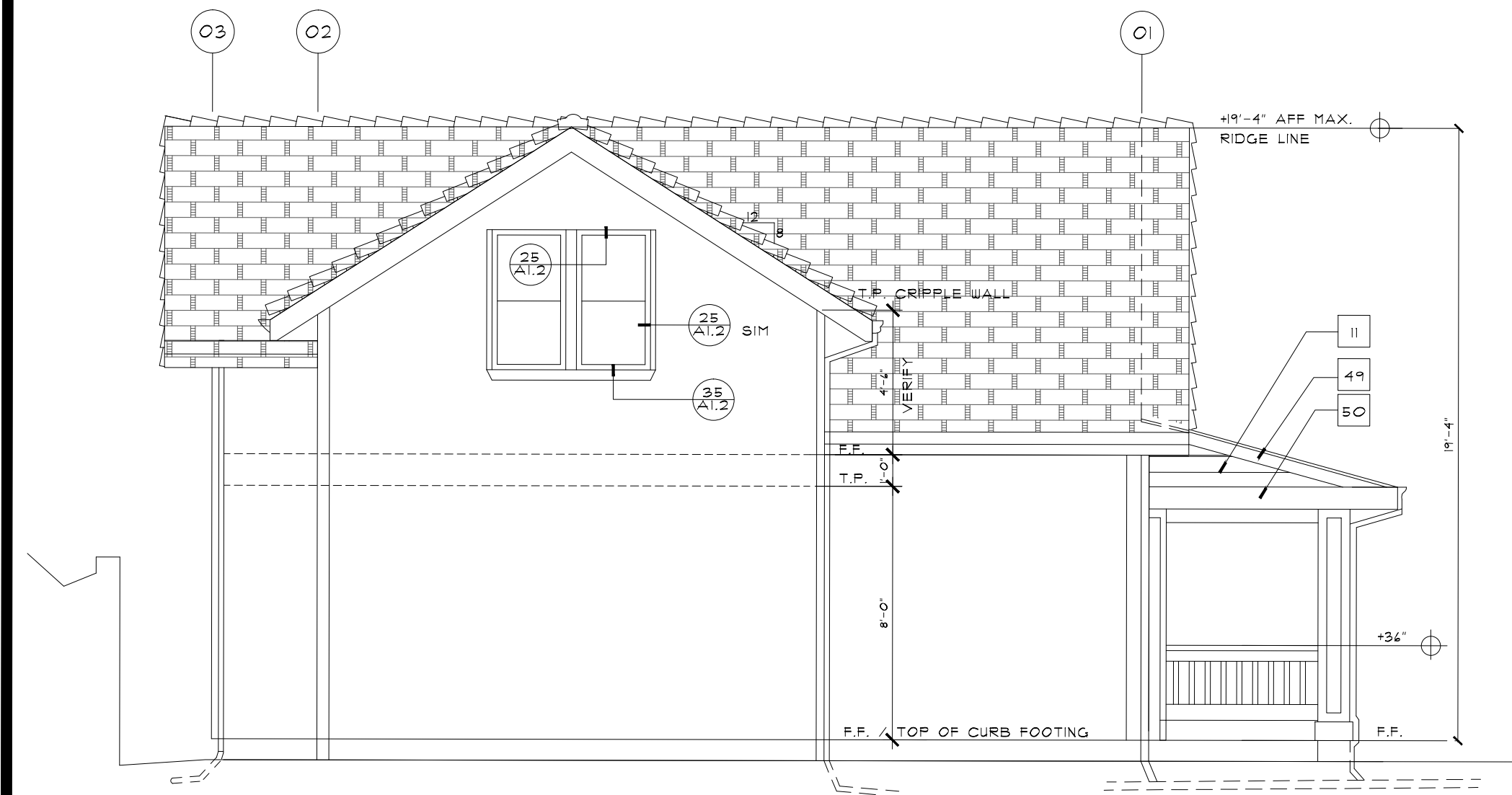
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REAR ELEVATION

1/4" = 1'-0"

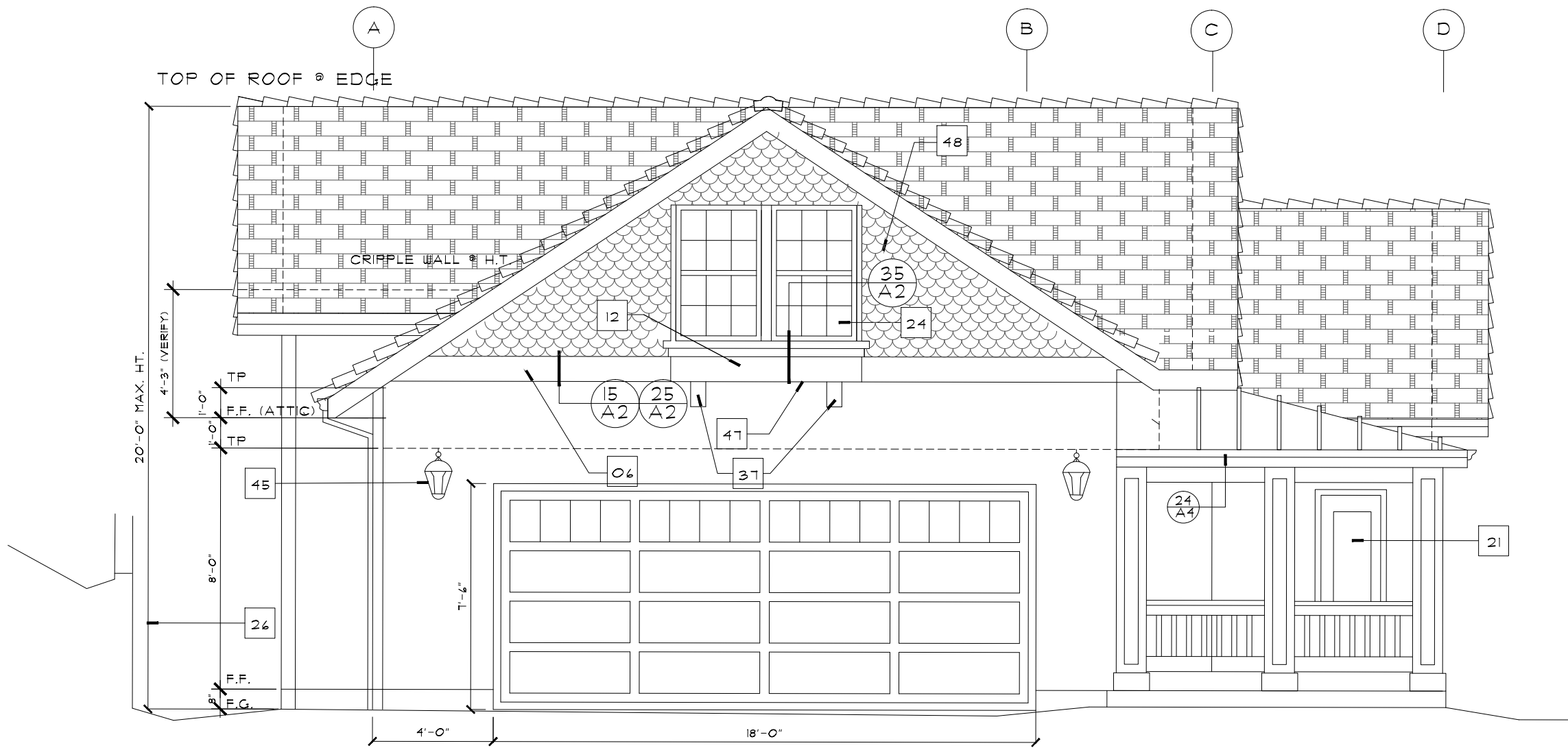


LEFT SIDE ELEVATION

1/4" = 1'-0"

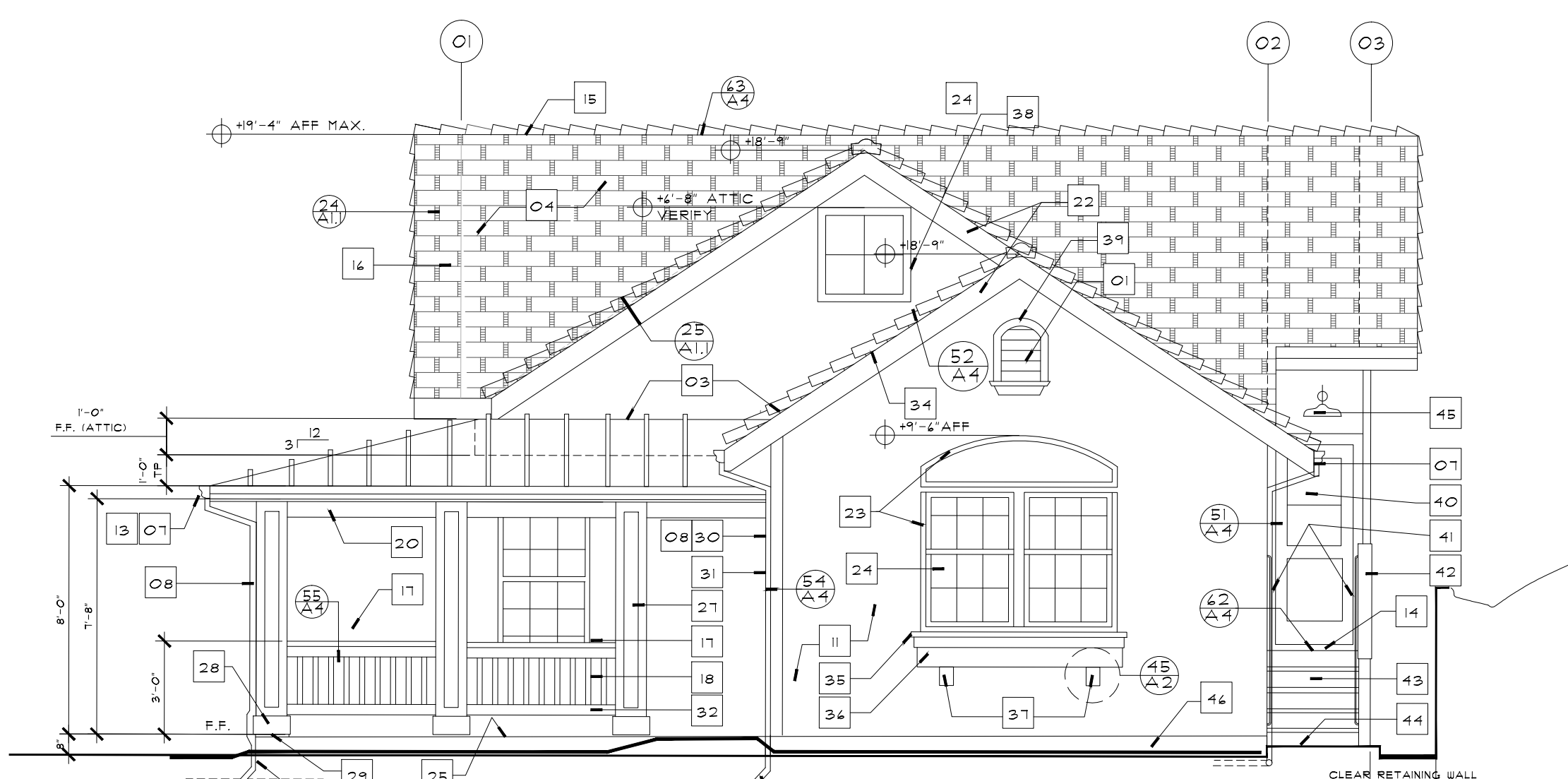
EXTERIOR ELEVATIONS SCHEDULE:

- 01 GALV. LOUVERED GABLE END VENT W/TRIM, THIS LOC. (REFER TO ATTIC VENTILATION CALCULATIONS FOR SIZE AND SPACING)
- 02 HARDPLANK SHINGLE SIDING, THIS LOCATION (TYPICAL AT GABLE ENDS) PRIME AND PAINT
- 03 24 GA. G.I. FLASHING AT SIDEWALL (TYPICAL) PAINT OUT TO MATCH ADJACENT SURFACE FINISH
- 04 FIBERGLASS ROOF SHINGLES OVER 40 LB FELT (ICBO #5119)
- 05 LINE OF CLOSED EAVES W/HARDPLANK PANELS
- 06 2X10 HEMLOCK BELLY BAND, THIS LOC. BACKPRIMED AND FLASHED. INSTALL WITH "PEEL N STIC" AT ALL JOINTS.
- 07 SEAMLESS GUTTER (VERIFY MATERIAL) WITH SCREEN TO PREVENT ACCUMULATION OF LEAVES AND DEBRIS.
- 08 2X3 DOWNPOUT THIS LOC. WRAP AROUND BELLY BAND AS SHOWN. PAINT OUT TO MATCH MATERIAL BEHIND.
- 09 HARDPLANK SIDING AT UNDERSIDE, THIS LOCATION
- 10 TRIM AT HARDPLANK SIDING. REFER TO DETAIL
- 11 HARDPLANK 8" WIDE SIDING, TYPICAL
- 12 BUILT-UP 2X14 RWD. PLANTER BOX W/24 GA. G.I. PAN/BOX INSIDE. 1X4 RWD. TRIM AND 2X RWD. CAP PIECE TO COVER LIP ON SHEET METAL BOX. WRAP METAL BOX BOTTOM TO DRAIN HOLE FOR PROPER DRAINAGE.
- 13 CONNECT ALL GUTTER DOWNSPOUT TO MAIN DRAIN LINE W/CATCH BASINS TO DAYLIGHT AND RIP RAP BEYOND
- 14 TREX OF APPROVED MATERIAL
- 15 HIGH PROFILE RIDGE PIECES AT ALL RIDGES. (MULTI COLOR/FLASHED TO MATCH SHINGLE MIX AND TYPE)
- 16 LINE OF GABLE END BEYOND
- 17 2X CAP PIECE AND 2X4 VERTICAL TOP RAIL FOR BALLUSTER MOUNTING OF GUARDRAIL AT INSIDE FACE. REFER TO DETAIL
- 18 2X2 RWD BALLUSTERS, SPACED SO A 4" DIA SPHERE CANNOT PASS.
- 19 BALLON FRAME WALLS TO 10'-0" AND HANG ATTIC FLOOR JOISTS OFF SIDE. (ALLOWING FOR 12" HIGH CRIPPLE WALL BEFORE PITCH ROOF BEGINS UP.
- 20 LINE OF BEAM AT COVERED PORCH. (INSURE MIN SIZE TO BE 4X)
- 21 ENTRY DOOR. REFER TO DOOR SCHEDULE
- 22 2X10 HEMLOCK FASCIA THIS LOCATION. BACKPRIME AND PAINT OUT PER OWNER RECOMMENDATION
- 23 TRIM AT WINDOW. PRIME AND PAINT. CAULK AND SEAL AT ALL JOINTS.
- 24 WINDOW. REFER TO WINDOW SCHEDULE
- 25 CONCRETE FLATWORK, THIS LOCATION WITH THICKENED EDGES. INSURE NO MORE THAN 1/2" VERTICAL DIM. FROM TOP OF THRESHOLD TO TOP OF FLATWORK. SLOPE AT 2% AWAY FROM STRUCTURE FOR DRAINAGE
- 26 RETAINING WALL, THIS LOCATION
- 27 HARDPLANK SIDING AT RECESSED SURFACE OF BUILT-UP POSTS W/TRIM PER DETAILS (MIN. 3" WIDE TRIM EACH DIRECTION. CAULK AND SEAL ALL JOINTS.
- 28 BUILT-UP 2X8 BAND AT BASE OF BUILT-UP POSTS, THIS AREA.
- 29 LINE OF RAISED CONCRETE PEDESTAL AT BUILT-UP POST. VERIFY SIZE (WIDTH AND HEIGHT) ON STRUCTURAL DRAWINGS.
- 30 TIE DOWNSPOUTS FROM GUTTERS THROUGHOUT TO UNDERGROUND DRAINAGE LINE WHICH DIVERTS ALL RUN-OFF TO BASIN AREA FOR RETENTION PURPOSES. (REFER TO IMMEDIATE AREA OF SITE PLAN, SHEET C)
- 31 3" WIDE TRIM PIECES. (REFER TO DETAILS, SHEET A4)
- 32 2X4 BOTTOM RAIL OF GUARDRAIL ASSEMBLY. (USE REDWOOD)
- 33 PROVIDE TRANSITIONAL VALLEY FLASHING AT VALLEY BETWEEN METAL AND FIBERGLASS ROOF SINGLES. INSURE WATER TIGHTNESS WITH USE OF "PEEL N STIC" MASTIC PRODUCT. FLASH AND COUNTER FLASH AT VERTICAL TO HORIZONTAL TRANSITION. (PRIME AND PAINT TO MATCH ADJACENT SURFACE COLOR)
- 34 INSURE MIN. 8" CLEAR BETWEEN WINDOW AND HORIZONTAL SURFACE OF ADJACENT ROOF. THIS AREA. FLASH AND COUNTER-FLASH AT VERTICAL TO HORIZONTAL TRANSITION. (PRIME AND PAINT TO MATCH ADJACENT SURFACE COLOR)
- 35 BUILT-UP PLANTER BOX ASSEMBLY THIS LOCATION W/2X14 RWD. BOX AND 24 GA. G.I. BOX/PAN INSIDE W/LIP. PROVIDE DRAIN HOLE AND WRAP BOTTOM TO DRAIN. (REFER TO DETAILS 35/A2)
- 36 BUILT-UP PLANTER BOX THIS LOCATION.
- 37 4X SHAPED CORBELS AT PLANTER BOX. INSURE SOLID BLOCKING IN WALL FOR PROPER ANCHORAGE. (REFER TO DETAIL 45/A2)
- 38 TRIM WINDOW (TYPICAL) CAULK AND SEAL ALL JOINTS. PRIME AND PAINT PER OWNER'S DIRECTION. REFER TO DETAILS.
- 39 TRIM AT LOUVERED VENT. USE SOLID 2X AT CURVED SECTION TO CUT OUT RADIUS TRIM AT TOP. CAULK AND SEAL ALL JOINTS. PRIME AND PAINT PER OWNER'S DIRECTION.
- 40 ENTRY DOOR. THIS LOCATION. REFER TO DOOR SCHEDULE.
- 41 HANDRAIL AT EACH SIDE OF STAIR RUN. TYPICAL. MOUNTING HEIGHT SHALL BE 34"-38" ABOVE TOE OF EACH TREAD. MOUNTING BRACKETS TO BE SECURED PROPERLY AT NO MORE THAN 48" SPACING.
- 42 GUARDRAIL AT LANDING AND STAIR RUN, THIS SIDE. (MATCH GUARDRAIL ASSEMBLY AS AT COVERED PORCH AREA)
- 43 TREX (OR APPROVED EQUAL) 2X4 STAIR TREADS WITH 2X SOLID DP RISERS. INSURE MIN. 3" TOE EXTENSION EACH STEP.
- 44 4" THICK CONCRETE STOOP WITH THICKENED EDGES, THIS LOCATION. INSURE LARGE ENOUGH AND LOCATED TO ALLOW FOR BALLISTIC SHOT 2X TREATED MEMBER TO RECEIVE STRINGERS AND PROVIDE MIN. 42" WIDTH/DEPTH OF LANDING.
- 45 WALL HUNG LIGHT FIXTURE THIS LOCATION. INSURE MOUNTING BLOCK IS INSTALLED TO SOLID BLOCKING BEHIND THE SIZE AND SHAPE OF THE ESCUTCHEON PLATE OF THE LIGHT FIXTURE 1/2" BEYOND SIZE OF FIXTURE'S ESCUTCHEON PLATE. CAULK AND SEAL ALL JOINTS BETWEEN BLOCK AND SIDING AS WELL AS BLOCK AND LIGHT FIXTURE.
- 46 CONCRETE FOOTING/SLAB EDGE (REFER TO STRUCTURAL DRAWING)
- 47 USE 2X12 RWD AT BOTTOM OF BUILT-UP PLANTER BOX. (TYPICAL)
- 48 SCALLOP SHAPED SHINGLE PANELS (COMPOSITE FIBERBOARD/CONCRETE (SIMILAR TO HARDPLANK) THIS AREA ONLY.
- 49 2X4 RAKE CAP PIECE TO SIDING (CAULK I SEAL ALL JOINTS)
- 50 2X8 HEMLOCK FASCIA @ METAL ROOF ONLY. BACK-PRIME I SCARF /MITER ALL JOINTS.



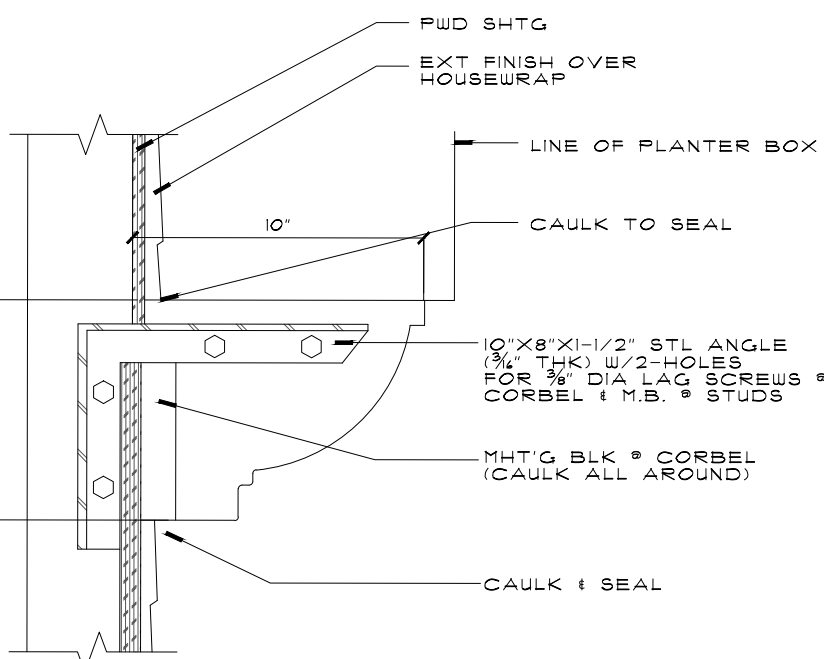
FRONT ELEVATION

1/4" = 1'-0"

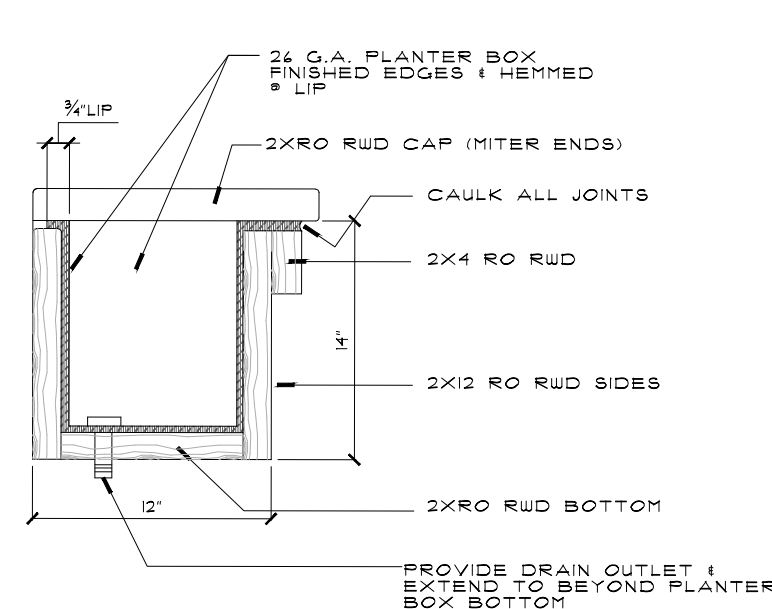


RIGHT SIDE ELEVATION

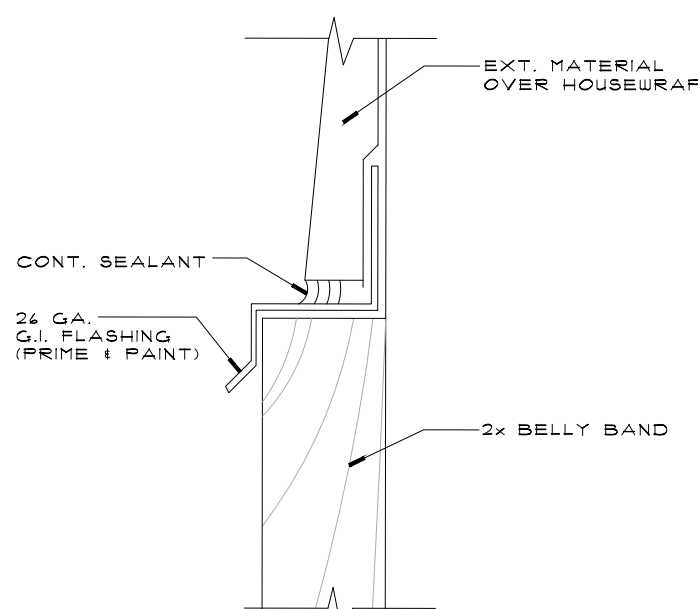
1/4" = 1'-0"



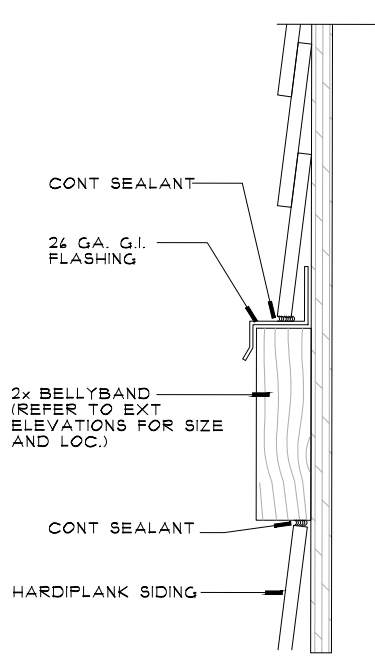
45 CORBEL (ATTACH TO STUDS)



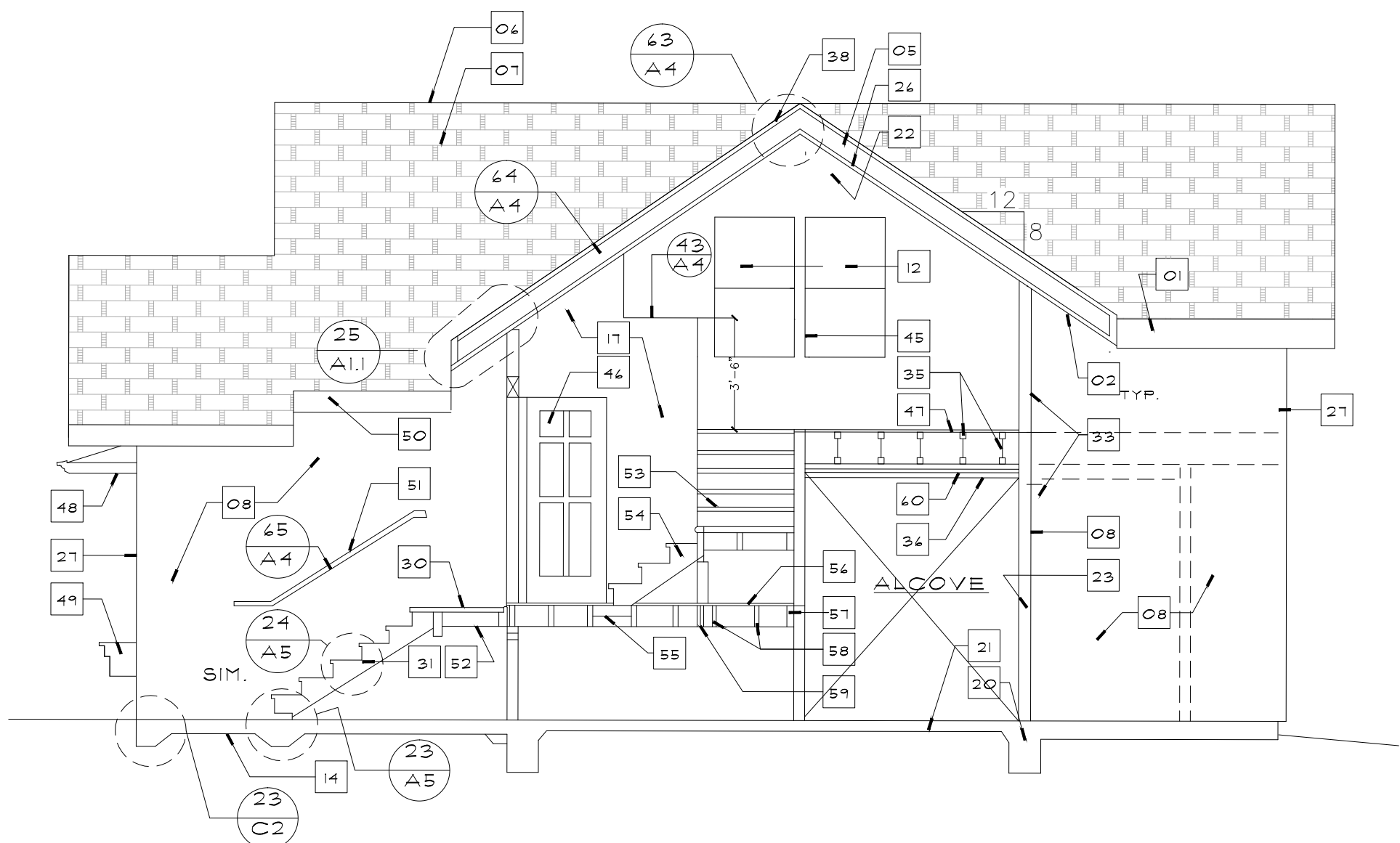
35 PLANTER BOX



25 BELLYBAND

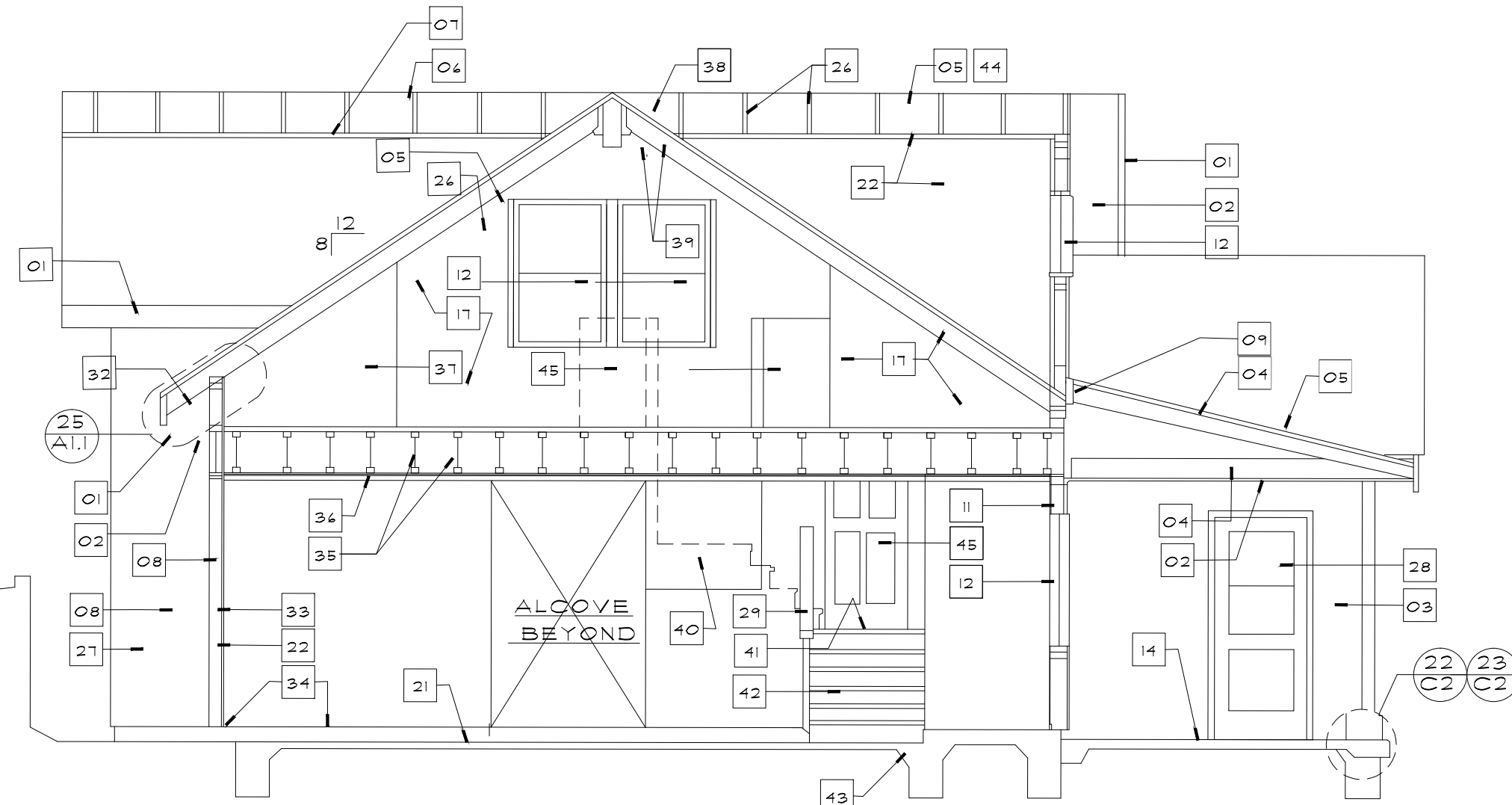


15 BELLYBAND

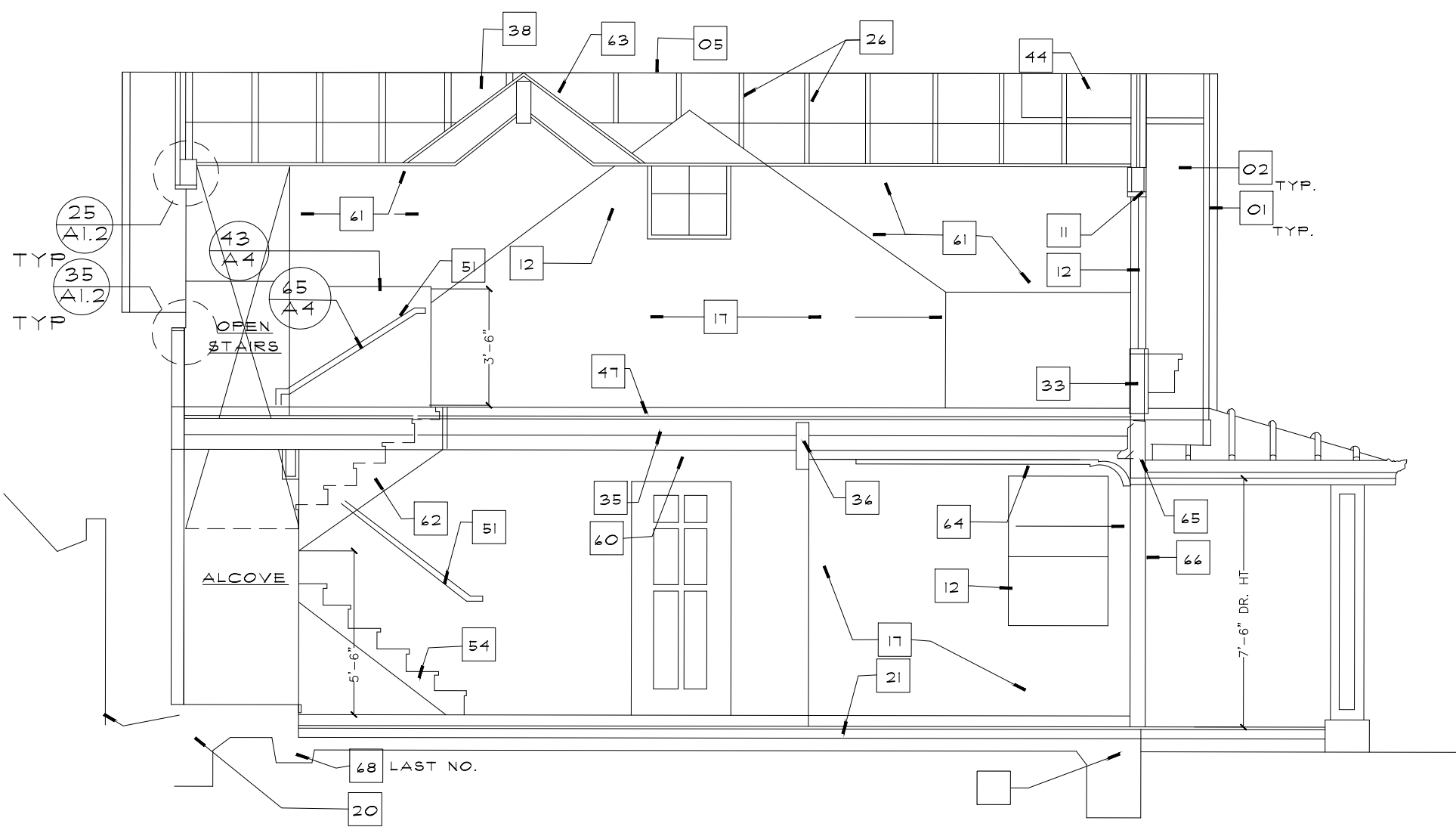


SECTION NOTES:

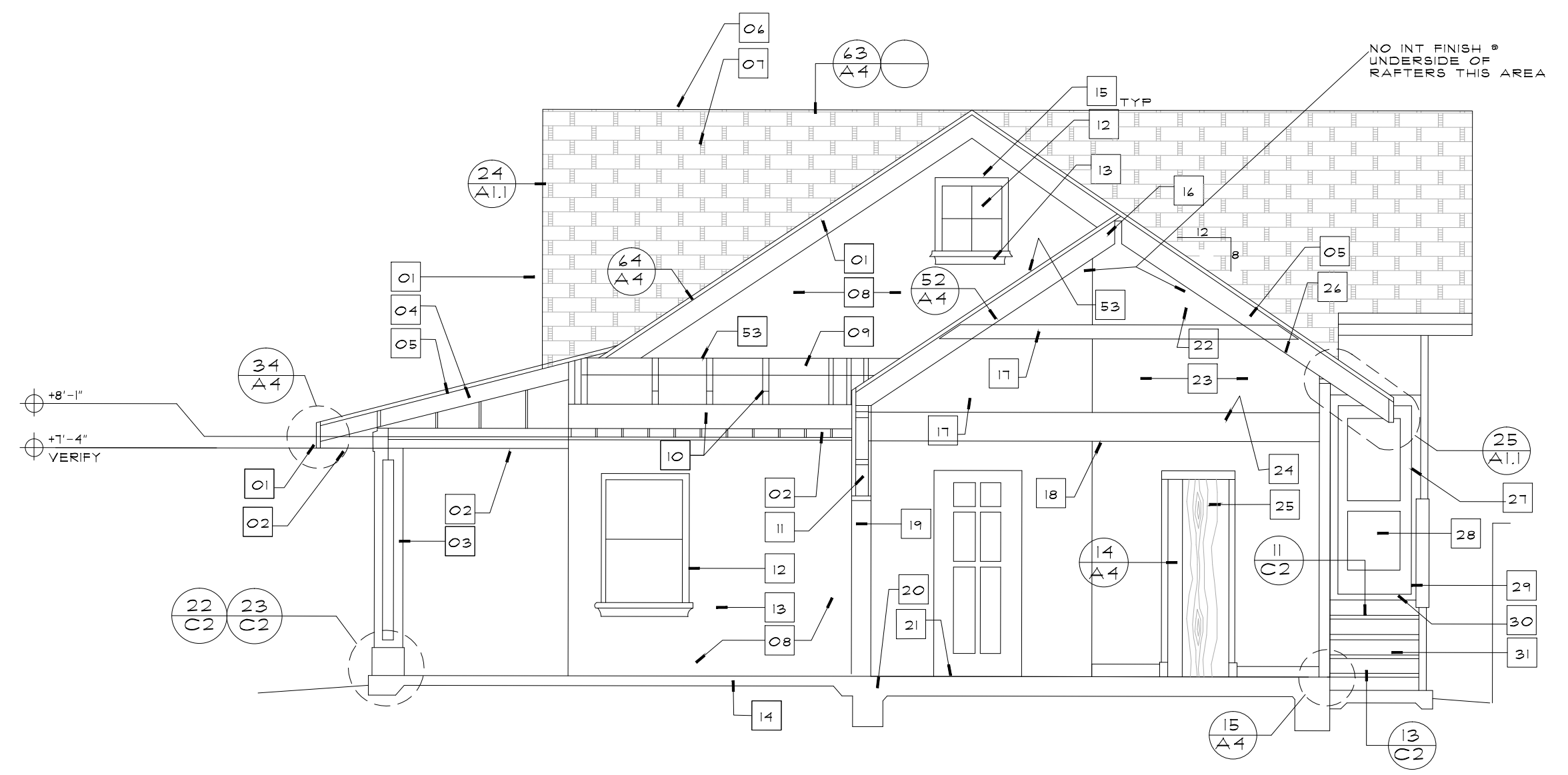
- 2x4 HEMLOCK FASCIA, ROUGH SAWN FACE OUT, MITER AND SCARP ALL JOINTS, PRIME AND PAINTED.
- CLOSED SOFFIT 1" UNDERSIDE OF PORCH ROOF w/HARDPANEL MATERIAL, CUT TIGHT ALL EDGES OF PIT BAUG, TRIM ONLY IF NECESSARY.
- BUILT-UP COLLARS w/MULTI LAYERS OF HARDPANEL, CREATING RECESS IN CENTER, TRIM OUT PER DETAIL.
- 2" X 12" 1" STR RAFTERS AT 24" OC, THIS LOCATION (BOTH RAFTERS AND CEILING JOIST) BLOCK AS REQUIRED.
- 5/8" THK, CDX PLYWOOD ROOF SHEATHING, (VERIFY w/STRUCTURAL DRAUGS), USE RADIANT BARRIER AT ATTIC SPACE ONLY, NOT AT COVERED PORCH, (RADIANT FACE UP).
- HIGH PROFILE FIBERGLASS ROOF SHINGLE RIDGE PIECES, TYPICAL AT RIDGE AND GABLE ENDS LAPPING OVER FACIA BOARDS.
- ARCHITECTURAL GRADE FLASHED (MULTI-COLOUR) FIBERGLASS ROOF SHINGLE OVER 30# PAPER, (CWB # 5TH).
- 8" WIDE HARDPLANK SIDING OVER HOUSEWRAP (TYPICAL, ALL EXTERIOR WALLS).
- 2x4 NALER FOR PORCH RAFTERS, (SIMILAR BELOW FOR CEILING JOISTS).
- 2x4 OF #2 1" STR RAFTERS AT 24" OC, THIS LOCATION.
- 4x12 OF HEADER, THIS LOCATION.
- WINDOWS REFER TO WINDOW SCHEDULE, SHEET A1.
- BUILT-UP REDWOOD SILL/TRIM AT ALL WINDOWS, CAULK AND SEAL ALL JOINTS TO HARDPLANK, (DO NOT SCREW OR NAIL THRU THE HARDPLANK SIDING MATERIAL).
- 4" THICK CONCRETE PLATINGS, SLOPE FROM STRUCTURE AWAY (MIN. 2% SLOPE TO GRADE) WRAP AS NECESSARY, FINISH TO BE TROUELED, VERIFY COLOR w/OWNER, ALL PERIMETER EDGES TO BE THICKENED, REFER TO DETAIL 23/C2.
- WOOD TRIM AT WINDOWS (TYPICAL) MITER CORNERS, CAULK AND SEAL, PRIME AND PAINT, DO NOT SCREW OR NAIL THRU THE HARDPLANK SIDING MATERIAL).
- RODGE BOARD THIS LOCATION, REFER TO STRUCTURAL DRAWINGS).
- 2x12 COLLAR TIES AT 48" OC AT OPEN CEILING AREA, AS SHOWN.
- LINE UP ATTIC FLOOR (CEILING BELOW) EXTENDING INTO THIS AREA, BEYOND.
- DOOR 1 AND THIS INFORMATION, REFER TO DOOR SCHEDULE FOR ADDITIONAL, SHT A1, ALL EXTERIOR DOOR JAMB STOCK TO BE SOLID, (PRIME AND PAINT).
- CONCRETE PERIMETER FOOTING, REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- 4" THICK CONCRETE SLAB w/ REINFORCING OVER BASE, REFER TO STRUCTURAL DRAWINGS FOR DETAILS, CONCRETE SHALL HAVE "FLY ASH" ADDITIVE TO MIX PER GREEN BUILDING STANDARDS CODE.
- INTERIOR FINISH (REFER TO FINISH SCHEDULE, SHT A1).
- OPEN STORAGE AREA, ABOVE 2" BATH, THIS AREA, ALL SURFACES FINISHED TO MATCH ADJACENT WALL MATERIAL.
- 3/4" THK, CDX FTIS, TIG SUB FLOOR TYPICAL AT ATTIC, (REFER TO STRUCTURAL DRAWINGS FOR DETAILS).
- POCKET DOOR, THIS LOCATION, REFER TO DOOR SCHEDULE, SHT A1.
- 2x12 OF #2 1" STR RAFTERS AT 24" OC, INSULATE PER INSULATION SCHEDULE, SHT A1.
- WOOD TRIM AT ALL INTERIOR AND EXTERIOR CORNERS, REFER TO DETAILS, CAULK AND SEAL, PRIME 1 PAINT.
- EXTERIOR DOOR THIS LOCATION, ALL EXTERIOR DOORS SHALL COMPLY WITH FIRE HAZARD ZONE OVERLAY REQUIREMENTS, (VERIFY TYPES WITH OWNER), PRIME AND PAINT.
- WOOD HANDRAIL AT STEPS, HEIGHT TO ACCOMMODATE SIDE MOUNT OF GRAB HANDRAIL MOUNTED TO SIDE OF TOP RAIL, BELOW CAP, GRAB BAR TO BE 154"-38" ABOVE NOSE OF STEPS.
- TIMBERTECH MATERIAL AT EXTERIOR LANDING MATERIAL, INSURE SUPPORT TO BE 1/2" OC MAX, SPACING, VERIFY COLOR WITH OWNER.
- TIMBERTECH TRAPES w/CLOSED RISERS AT STEPS, THIS LOCATION, INSURE SUPPORT TO BE 1/2" OC MAX, SPACING, VERIFY COLOR w/OWNER.
- 5/8" PLYWOOD ROOF SHEATHING AT EAVES AND RADES, RADIANT BARRIER NOT REQUIRED THESE LOCATIONS).
- 2x4 STUD WALL INSULATION PER INSULATION SCHEDULE, SHT A1.
- CONCRETE CURB FOOTING AT GARAGE AREA, REFER TO STRUCTURAL DRAWINGS.
- TJ (TRUS JOIST) SILENT FLOOR JOISTS (TYPICAL AT ATTIC FLOOR) 1" 1/2" OC MAX, SPACING, VERIFY "SERIES" AND SIZE WITH STRUCTURAL DRAWINGS.
- BEAM BEYOND, REFER TO STRUCTURAL DRAWINGS.
- UNG WALL, THIS LOCATION, (VERIFY w/OWNER).
- RIDGE BEAM, REFER TO STRUCTURAL DRAWINGS.
- SIPSON (OR APPROVED EQUAL) JOIST HANGERS PER STRUCTURAL DRAWINGS.
- SLOPED WALL/CEILING AT UNDERSIDE OF STAIRS BEYOND, INTERIOR FINISH SHALL BE 1/2" F.R. GYP BRD.
- 3/4" THK CDX FTIS, TIG PLYWOOD SUB-FLOOR AT LANDING, BEYOND.
- PLYWOOD TREADS AND RISERS AT ALL INTERIOR STEPS, (REFER TO DETAILS).
- STEP FOOTING, AT GARAGE PERIMETER TO STORAGE AND SHOP AREAS, (REFER TO STRUCTURAL DRAWINGS).
- SCAB-ON 2x4 AT EACH SIDE OF RIDGEBOARD TO SUPPORT FASCIA (TYPICAL).
- DOOR BEYOND, REFER TO DOOR SCHEDULE, SHT A1.
- DOOR DOWN TO GARAGE, (REFER TO DOOR SCHEDULE, SHT A1).
- AT ALL EXTERIOR LIGHT FIXTURES, PROVIDE MOUNTING BLOCKS "SET IN" SIDING TO CREATE VERTICAL SURFACE FOR PROPER MOUNTING OF LIGHT FIXTURES, ELECTRICAL BOX TO BE EXTENDED OUT TO OS, SURFACE OF MOUNTING BLOCK, SHAPE BLOCK TO REFLECT SHAPE OF LIGHT FIXTURE ESCUTCHEON PLATE 1/2" BEYOND ALL EDGES, CAULK AND SEAL FOR WATER-TIGHTNESS.
- METAL ROOF BEYOND.
- FLOER BOX BEYOND, VERIFY w/OWNER FOR SIZE 1 DESIGN, USE 21 GA. G.I. BOX w/DRAIN TO SLIP INSIDE, TOP EDGE TO BE DOUBLED AND BENT AT 90 DEGREES FOR SUPPORT/ATTACHMENT WOOD PLANTER BOX CONSTRUCTION BEFORE CAP INSTALLED).
- CLIP ROOF AND FASCIA BACK TO WITHIN 3" OF WALL THIS AREA, START WHERE HEAD CLEARANCE STEPS IS MIN. 1'-4" ABOVE NOSE OF TRAD.
- HANDRAIL AT WALL, TOP OF RAIL TO BE 34"-38" ABOVE NOSE OF STAIR TREAD, INSURE SOLID BLOCKING IN WALL FOR PROPER ANCHORAGE, PROVIDE MOUNTING BLOCKS "SET IN" SIDING TO CREATE VERTICAL SURFACE FOR PROPER INSTALLATION OF BRACKETS, MAX SPACING OF BRACKETS TO BE 2'-4" OC, (REFER TO DETAIL 45/A4).
- 2x4 OF #2 1" STR 1" 1/2" OC AT LANDING, THIS AREA.
- 2x GA. G.I. FLASHING AT ALL ROOF TO WALL INTERSECTIONS, (TYP) (REFER TO DETAILS).
- 2x12 OF #1 1" 1/2" OC AT ALL STAIR RUNS.
- 2x12 SOLID BLOCKING AT NALER FOR TREADS ABOVE TO PROPER ANCHORE STAIR STRINGERS TO LANDING, THIS LOCATION.
- CONTINUOUS 3/4" THK, CDX FTIS, TIG PLYWOOD SUBFLOOR, THIS LOCATION.
- 2x12 NALER AT WALL FOR LANDING SUPPORT.
- 2x12 JOISTS 1" 1/2" OC AT LANDING, THIS LOCATION.
- DOUBLE 2x4 CRIPPLE WALL FOR SUPPORT AND PROPER ANCHORAGE FOR LANDING ABOVE.
- DOUBLE LAYER OF INTERIOR FINISH, AT FLOOR STRUCTURE AT GARAGE SPACE SIDE, (REFER TO DETAIL 14/B).
- INTERIOR FINISH AT SLOPED ROOF SURFACES, (TYPICAL AT ATTIC SPACE) REFER TO FINISH SCHEDULE, SHT A1.
- SLOPED CEILING AT UNDERSIDE OF STAIR RUN TO ATTIC, FINISH w/3/8TH" F.R. GYP BRD.
- RIDGE BEAM AT GABLE TO EACH SIDE, HUNG OFF MAIN RIDGE BEAM, REFER TO STRUCTURAL DRAWINGS.
- ROLL UP GARAGE DOOR TRACK w/ SPECIAL ORDER, TIGHT RADIUS APPLICATION FOR FITTING UP CLOSE TO CEILING SURFACE.
- HEADER AT GARAGE DOOR OPENING, CAULK AND SEAL ALL JOINTS, SCARP JOINTS AT HEAD PIECE.
- 2x4 ROUGH RID JAMB AT GARAGE DOOR OPENING, CAULK AND SEAL ALL JOINTS, SCARP JOINT AT HEAD PIECE.
- CONCRETE PERIMETER DRIVE FOOTING w/3/4" LIP FOR PROPER SEAL AND WATER CONTROL, AT GARAGE DOOR, REFER TO STRUCTURAL DRAWINGS.
- SHOVEL FOOTING AT ALL STEPS WITHIN GARAGE SPACE TO FINISH FLOOR ELEVATION TO MATCH TOP OF CURB FOOTING OR SHOP FF ELEVATION.



SECTION-A
1/4" = 1'-0"



SECTION-D
1/4" = 1'-0"



SECTION-B
1/4" = 1'-0"

SECTIONS

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XXX
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A3

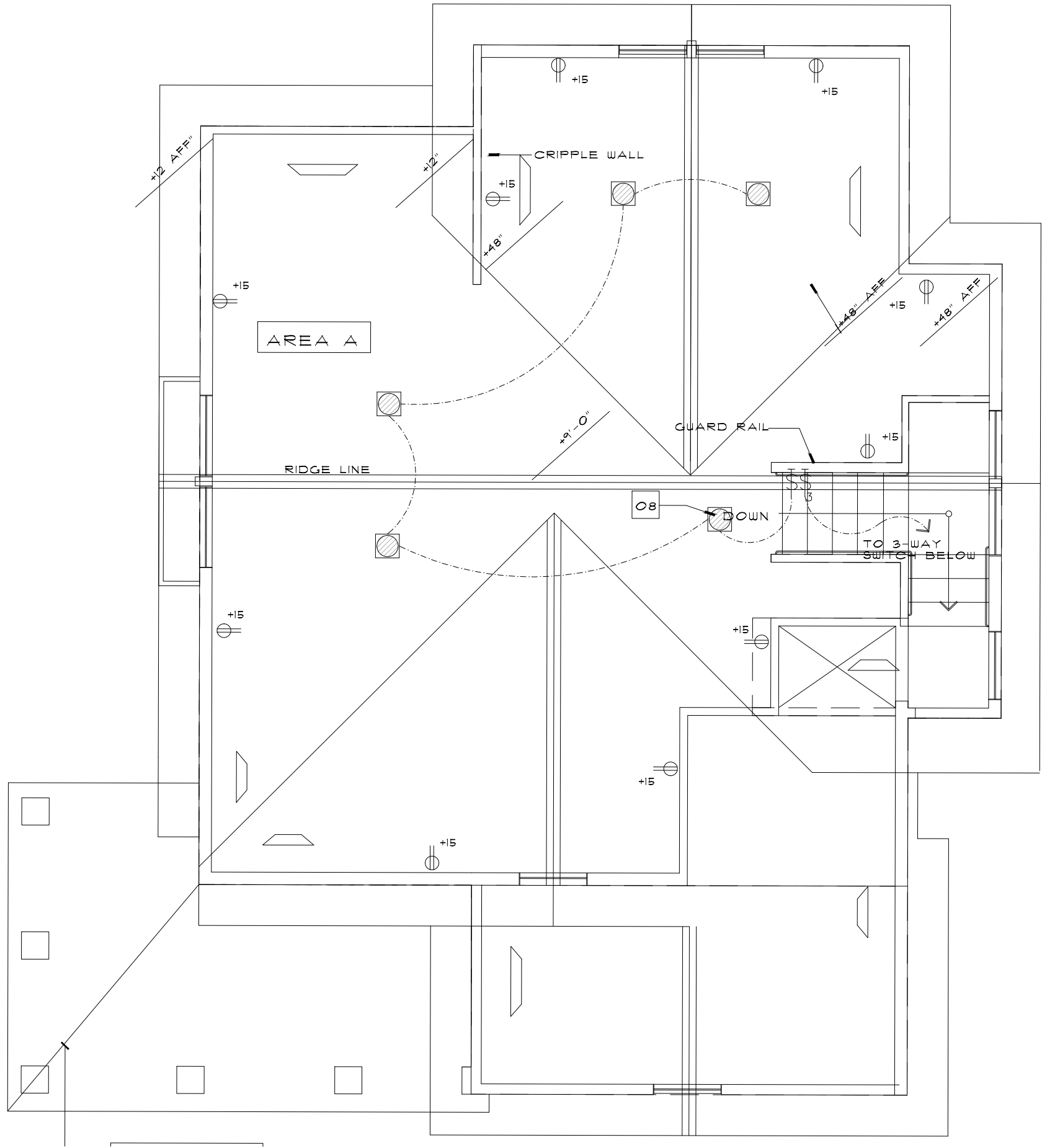
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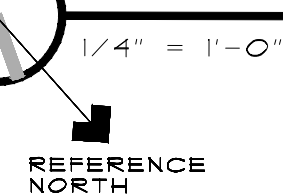
<div> <p>1 OR 2 HR GYPSUM WALL ASSEMBLY (2 HR SHOWN)</p> <p>POWER CABLE</p> <p>1/2" THICK CPMT / CPMT'L FIRESTOP PUTTY ROD</p> <p>MIN. 2x4 WOOD STUD</p> <p>UL LISTED NON-METALLIC OUTLET BOX (REFER TO UL LISTING) OR UL LISTED METALLIC OUTLET BOX (REFER TO UL LISTING)</p> <p>CPMT PUTTY RODS FOR USE WITH MAX 4 BY 4 IN. FLUSH DEVICE UL LISTED METALLIC OUTLET BOXES INSTALLED WITH STEEL COVER PLATES IN 1 OR 2 HR FIRE RATED GYPSUM WALLBOARD ASSEMBLY FRAMED WITH MIN 3 1/2" IN. DEEP WOOD OR STEEL STUDS AND CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE FIRE RESISTANCE DIRECTORY. OUTLET BOX SECURED TO WOOD STUD BY MEANS OF TWO NAILING TABS SUPPLIED WITH OUTLET BOX. MIN 1/2" IN. THICK HOLDABLE PUTTY RODS ARE TO BE INSTALLED TO COMPLETELY COVER THE EXTERIOR SURFACES OF THE OUTLET BOX (EXCEPT FOR THE SIDES OF THE STUD CAVITY WHEN HOLDABLE PUTTY OUTLET BOX PROTECTIVE MATERIAL IS USED ON BOXES ON OPPOSITE SIDES OF WALL AS DIRECTED) AND COMPLETELY SEAL AGAINST THE STUD WITHIN THE STUD CAVITY. OUTLET BOXES ON OPPOSITE SIDES OF THE WALL MAY BE LESS THAN 24 IN. PROVIDED THAT THE BOXES ARE NOT INSTALLED BACK TO BACK.</p> </div>	<div> <p>CPMT FIRE STOP PUTTY RODS FOR USE WITH MAX 4 BY 3-3/4 BY 3 IN. DEEP UL LISTED NON-METALLIC BOX MANUFACTURED BY PASS ANDERSON, INC. AND BEARING A 2 HR RATING UNDER THE OUTLET BOXES AND FITTING CLASSIFICATION FOR FIRE RESISTANCE CATEGORY II. THE FIRE RESISTANCE DIRECTORY. PUTTY RODS AND BOXES FOR USE IN 1 OR 2 HR FIRE RATED GYPSUM WALLBOARD ASSEMBLY FRAMED WITH MIN 3 1/2" IN. DEEP WOOD STUDS AND CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL U300 SERIES WALL AND PARTITION DESIGNS IN THE FIRE RESISTANCE DIRECTORY. OUTLET BOX SECURED TO WOOD STUD BY MEANS OF TWO NAILING TABS SUPPLIED WITH OUTLET BOX. MIN 1/2" IN. THICK HOLDABLE PUTTY RODS ARE TO BE INSTALLED TO COMPLETELY COVER THE EXTERIOR SURFACES OF THE OUTLET BOX (EXCEPT FOR THE SIDES OF THE STUD CAVITY WHEN HOLDABLE PUTTY OUTLET BOX PROTECTIVE MATERIAL IS USED ON BOXES ON OPPOSITE SIDES OF WALL AS DIRECTED) AND COMPLETELY SEAL AGAINST THE STUD WITHIN THE STUD CAVITY. OUTLET BOXES ON OPPOSITE SIDES OF THE WALL MAY BE LESS THAN 24 IN. PROVIDED THAT THE BOXES ARE NOT INSTALLED BACK TO BACK.</p> </div>	<div> <p>UL SYSTEM # W-L-1054</p> <p>METAL PIPE THROUGH GYPSUM WALL ASSEMBLY</p> <p>F RATING = 1-HR OR 2-HR</p> <p>L RATING AT 400° F = LESS THAN 1 CPH/SQ. FT.</p> <p>FRONT VIEW</p> <p>SECTION A-A</p> <p>1. GYPSUM WALL ASSEMBLY (1-HR OR 2-HR FIRE RATING) (2-HR SHOWN)</p> <p>2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:</p> <p>A. MAXIMUM 30" DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER)</p> <p>B. MAXIMUM 4" DIAMETER COPPER PIPE</p> <p>C. MAXIMUM 4" DIAMETER STEEL CONDUIT</p> <p>D. MAXIMUM 4" DIAMETER STEEL EMT</p> <p>E. MINIMUM 5/8" DEPTH HILTI FS-ONE FIRESTOP SEALANT = 1-HR FIRE RATING</p> <p>F. MINIMUM 1/4" DEPTH HILTI FS-ONE FIRESTOP SEALANT = 2-HR FIRE RATING</p> <p>G. MINIMUM 1/2" BEAD HILTI FS-ONE FIRESTOP SEALANT FOR POINT OF CONTACT</p> <p>NOTES: 1. MAXIMUM DIAMETER OF OPENING = 22-1/4"</p> <p>2. ANNUAL SPACING = MINIMUM 0', MAXIMUM 2'-14"</p> </div>	<div> <p>ONE HOUR WALL ASSEMBLY</p> <p>1/4" BEAD OF 3M FIRE BARRIER CP 2511/5 CAULK</p> <p>3M FIRE BARRIER FS-1S WRAP/STRIP</p> <p>1" MAX GLASS FIBER PIPE INSUL</p> <p>METAL PIPE</p> <p>UL#W5001</p> <p>SYSTEM DETAILS</p> <p>1. ASSEMBLY</p> <p>(1) HR RATED GYP BD/STUD WALL (STL PIPES OR CONDUITS LARGER THAN NON 4" Ø MAY ONLY BE USED IN WALLS CONST W/ STL STUDS)</p> <p>2. RATING F=1 HR, T=1 HR</p> <p>3. PENETRATING ITEM(S)</p> <p>NON 12" (Ø) MAX 1 SCH 10 (MIN) STL PIPE W/A NON 1" GLASS FIBER PIPE COVERING INSULATION</p> <p>APPLICATION DETAILS</p> <p>1. INSTALL FIRESTOP SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY</p> <p>2. ANNUAL SPACE REQ IS 1/4" MIN, 3/8" MAX</p> <p>3. TIGHTLY WRAP THE 3M FIRE BARRIER FS-1S WRAP/STRIP, ROL SIDE OUT, AROUND THE PIPE INSUL W/ THE SEAM ABUTTED. SECURE THE FS-1S WRAP/STRIP W/A STL TIE WIRE OR ALUM. ROLL TAPE 1 SLIDE THE FS-1S WRAP/STRIP INTO THE ANNUAL SPACE. THE FS-1S WRAP/STRIP SHOULD BE POSTED SO APPROX 3/4" PROTRUDES FROM THE WALL SURFACE</p> <p>4. SEAL THE FS-1S WRAP/STRIP W/ 3M FIRE BARRIER CP 25 CAULK OR 3M FIRE BARRIER HOLDABLE PUTTY W/A 1/4" BEAD OF THE FS-1S WRAP/STRIP/ WALL INTERFACE 1 THE FS-1S WRAP/STRIP/INSUL INTERFACE</p> </div>	<div> <p>UL SYSTEM # W-L-7003</p> <p>METAL DUCT (WITHOUT DAMPER) THROUGH 1-HR GYPSUM WALL</p> <p>F RATING = 1-HR</p> <p>T RATING = 0-HR</p> <p>SECTION A-A</p> <p>1. GYPSUM WALL ASSEMBLY (1-HR FIRE RATING)</p> <p>2. MINIMUM 24-GAGE RECTANGULAR STEEL DUCT (MAXIMUM SIZE 24"x24")</p> <p>NOTE: NOT FOR USE IN DUCT SYSTEMS CONTAINING FLAMMABLE LIQUIDS OR GASES</p> <p>3. MINIMUM 5/8" DEPTH HILTI FS-10 ELASTOMERIC FIRESTOP SEALANT</p> <p>4. ANNUAL SPACE</p> <p>NOTES:</p> <p>1. MAXIMUM AREA OF OPENING = 325 SQUARE INCHES WITH A MAXIMUM DIMENSION OF 25 INCHES</p> <p>2. ANNUAL SPACE = MINIMUM 1/4" MAXIMUM 3/4"</p> <p>3. AFTER SEALING SPACE BETWEEN DUCT AND GYPSUM WALL WITH HILTI FS-10 ELASTOMERIC FIRESTOP SEALANT, FASTEN STEEL ANGLE (1/2" x 2" x 1/8") TO HAVE TO BE FASTENED TO THE WALL DUCT WITH NON 8" (Ø) LARGER 1" STEEL SHEET METAL SCREWS. ANGLE DOES NOT</p> </div>	<div> <p>3/4" TONGUE-AND-GROOVE FLYWOOD</p> <p>T-J JOIST</p> <p>TWO LAYERS 1/2-INCH TYPE X GYPSUM BOARD</p> <p>INSULATION (REFER TO SCHEDULE)</p> <p>STC 50</p> <p>REPORT NO. NEF-200</p> <p>ASSEMBLY E-2</p> </div>	<div> <p>61 ELECTRICAL BOX @ RATED WALL</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>
<div> <p>61 ELECTRICAL BOX @ RATED WALL</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>41 RATED WALL PENETRATION (PLUMBING)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>UL/ULC SYSTEM NO. WL3011</p> <p>F RATING = 1-HR OR 2-HR</p> <p>T RATING = 1/4 HR OR 3/4 HR</p> <p>L RATING AT AMBIENT = LESS THAN 1 CPH/SQ. FT.</p> <p>L RATING AT 400° F = 4 CPH/SQ. FT.</p> <p>FRONT VIEW</p> <p>SECTION A-A</p> <p>1. GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR OR 2-HR FIRE RATING) (2-HR SHOWN)</p> <p>2. MAXIMUM 3" DIAMETER COPPER PIPE</p> <p>3. HILTI FS-ONE INTUMESCENT FIRE STOP SEALANT</p> <p>A. MINIMUM 3/4" DEPTH, FOR A 1-HR FIRE-RATING</p> <p>B. MINIMUM 1/4" DEPTH, FOR A 2-HR FIRE-RATING</p> <p>NOTE: MAXIMUM DIAMETER OF OPENING = 3"</p> <p>2. ANNUAL SPACE = MINIMUM 1/2", MAXIMUM 1-1/2"</p> </div>	<div> <p>32 RATED WALL PENETRATION (PLUMBING & ELECT.)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>21 RATED WALL PENETRATION (MECHANICAL)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>11 FLOOR/CLG ASSEMBLY @ GARAGE (1-HOUR)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>ARCHITECTURAL DETAILS</p> <p>xxx</p> </div>
<div> <p>63 RATED FLOOR PENETRATION (PLUMBING)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>53 RATED FLOOR PENETRATION (ELECT. & TELEPHONE)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>43 RATED WALL PENETRATION (ELECT.)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>34 RATED FLOOR/CLG PENETRATION (ELECT. & TELEPHONE)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>23 DEMISING WALL @ FLOOR</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>13 EXTERIOR WALL</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>ARCHITECTURAL DETAILS</p> <p>xxx</p> </div>
<div> <p>65 RATED WALL PENETRATION (ELECT. & TELEPHONE)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>55 RATED FLOOR PENETRATION (PLUMBING)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>45 RATED WALL PENETRATION (ELECTRICAL)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>35 RATED WALL PENETRATION (ELECTRICAL)</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>25 RATED WALL PENETRATION</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>15 NON-BEARING WALL @ TRUSS</p> <p>LIBRARY LOC #</p> <p>SCALE: N.T.S.</p> </div>	<div> <p>ARCHITECTURAL DETAILS</p> <p>xxx</p> </div>

ELECTRICAL SYMBOLS

- OUTLET, DUPLEX RECEPTACLE
115' UNO (110V)
- FOURPLEX OUTLET RECEPTACLE
(VERIFY MNT'G HT W/ OWNER)
- OUTLET, J-BOX (110V)
- OUTLET, DUPLEX RECEPTACLE
AT FLR/CLG AS NOTED (110V)
- OUTLET, SINGLE, (120V)
(VERIFY MNT'G, HT.)
- OUTLET, TELEVISION, 40" UNO
- OUTLET, TELEPHONE, VERIFY MNT'G HT W/ OWNER
- OUTLET, TELEPHONE, VERIFY MNT'G HT W/ OWNER
(JACK ONLY)
- PANEL BOARD, FLUSH W/DOOR
- OUTLET, THERMOSTAT
(40" AFF, UNO)
- JUNCTION BOX (CLG/WALL)
- INCANDESCENT LIGHT FIXTURE
(SURFACE OR PENDANT MOUNT)
- 24 WATT CFL SURFACE OR PENDANT
MNT LIGHT W/ ELECTRONIC BALLAST
- INCANDESCENT LIGHT FIXTURE
(WALL MOUNT)
- 24 WATT CFL SURFACE MNT LIGHT
FIXTURE W/ ELECTRONIC BALLAST
- INCANDESCENT LIGHT FIXTURE
(RECESSED)
- 24 WATT CFL RECESSED CAN W/
ELECTRONIC BALLAST (WHITE
REFLECTOR (TRIM
- SPOT OR FLOOD LIGHT (EXT, WP)
- FLUORESCENT FIXTURE
(OPEN STRIP)
- 25 WATT FLUORESCENT UNDER-CABINET
LIGHT FIXTURE W/ T8 (T5 LALMPS (1
ELECTRONIC BALLAST
- EXHAUST FAN
- LIGHT SWITCH, 148" UNO, W/ OCCUPANCY SENSOR
- LIGHT SWITCH, THREE-WAY, 148" UNO
- LIGHT SWITCH W/ OCCUPANCY SENSOR
- SMOKE DETECTOR
- CARBON MONOXIDE
DETECTOR ON WALL
- FAN LIGHT FIXTURE (SEPARATE
SWITCH FOR FAN (LIGHTS)
- GROUND FAULT CIRCUIT INTERRUPTER
- UNO "UNLESS NOTED OTHERWISE"
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP "WATERPROOF"

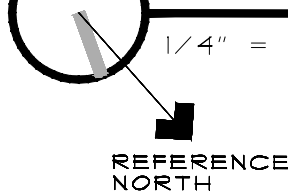


ELECTRICAL PLAN (ATTIC)



ALL ELECTRICAL RECEPTACLES SHALL HAVE ARC-FAULT CIRCUIT-INTERUPTER PROTECTION WHEN LOCATED IN BEDROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS. THESE OUTLETS SHALL BE LISTED "TAMPER-RESISTANT RECEPTACLES". (2013 CEC 210-12, 2013 CEC 404.11)

ELECTRICAL PLAN



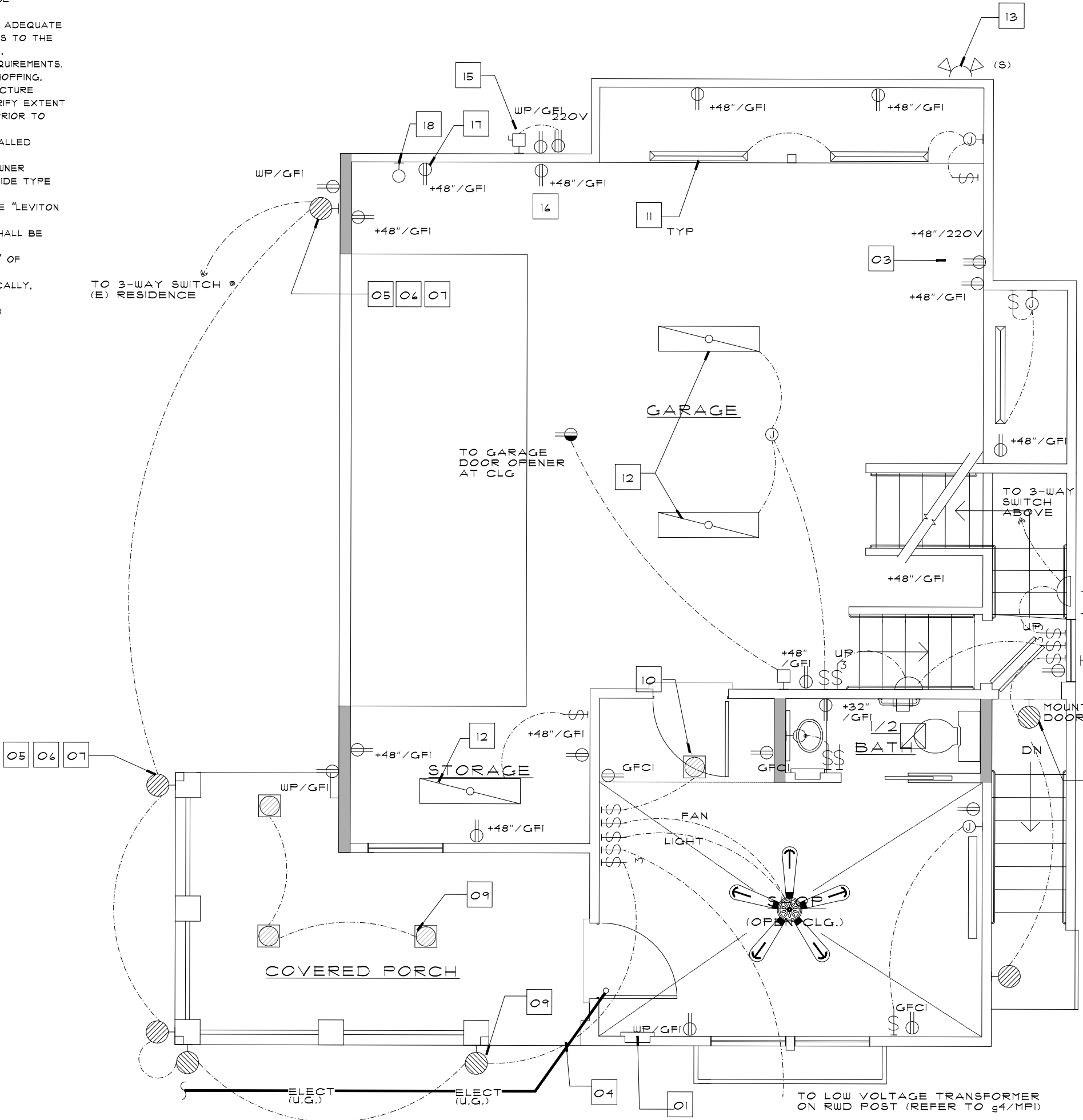
ALL SWITCHES TO LIGHT FIXTURES IN HABITABLE SPACE SHALL BE OCCUPANCY SENSOR TYPE.

ELECTRICAL NOTES:

- 100AMP SUB-PANEL W/DISCONNECT (56" RECESSED W/DOOR) THIS LOCATION
- PROVIDE POWER AT WH LOCATION W/EXTERIOR PROTECTED J-BOX FOR HARDWARE CONNECTION
- PROVIDE 220V RECEPTACLE FOR EQUIPMENT. THIS LOCATION. (VERIFY W/OWNER)
- PROVIDE (N) 1 1/2" O.A. CONDUIT U.G. FROM (E) RESIDENCE PANEL TO NEW SUB-PANEL FOR STRUCTURE. VERIFY EXACT LOCATION IN FIELD.
- VERIFY EXACT MOUNTING HEIGHT FOR ALL EXTERIOR LIGHT FIXTURES W/OWNER
- DECORATIVE EXTERIOR LIGHT FIXTURE. (TYP) OPCI. VERIFY W/OWNER AND COORDINATE FOR MOUNTING HEIGHT. PROVIDE SOLID BLOCKING FOR PROPER SUPPORT.
- INSURE EXTERIOR LIGHT FIXTURES TO BE SHIELDED AND DIRECTED DOWNWARD AND AWAY FROM PROPERTY LINES TO PREVENT EXCESSIVE GLARE BEYOND THE SUBJECT PROPERTY. (ALL LISTED FOR WET LOCATIONS)
- ALL RECESSED LIGHT FIXTURES SHALL BE ICC RATED CFL
- ALL EXTERIOR LIGHTS TO BE 24 WATT CFL SURFACE OR RECESSED MOUNTED
- ALL INTERIOR RECESSED LIGHTS TO BE 24 WATT CFL RATED
- 44" LONG SINGLE BULB FLUORESCENT LIGHT FIXTURES AT SIDE OF BEAM (TYPICAL AT GARAGE ALCOVES)
- SURFACE MOUNT 2 BULB FLUORESCENT WRAP TYPE FIXTURES WITH PLASTIC LENS COVER
- SECURITY FLOOD LIGHTS (INDICATED W/B) ON PLANS, THIS LOCATION. SET WITH MOTION DETECTOR. (VERIFY MOUNTING HEIGHT W/OWNER)
- PROVIDE POWER AT THIS LOCATION AS SHOWN
- PROVIDE DISCONNECT THIS LOCATION
- ALL DUPLEX RECEPTACLES AT GARAGE TO BE 148" AFF AND ON OPCI CIRCUIT
- PROVIDE POWER THIS LOCATION FOR FUTURE IRRIGATION EQUIPMENT
- PROVIDE 10V J-BOX FOR IRRIGATION TIME-CLOCK. THIS LOCATION

GENERAL ELECTRICAL NOTES:

1. ALL WORK TO BE PERFORMED BY ELECTRICAL CONTRACTOR SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, ORDINANCES, AND ENERGY REQUIREMENTS, AND SHALL BE PERFORMED BY DULY LICENSED ELECTRICIANS.
2. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE POWER AND WIRING AND FOR ALL DISTRIBUTION FACILITIES TO THE NEW STRUCTURE, INCLUDING BUT NOT LIMITED TO PANELS, SWITCHES, BREAKERS, ETC. TO MEET ALL SPECIFIED REQUIREMENTS.
3. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL CHOPPING, CUTTING AND DRILING OF PARTITIONS AND FLOOR STRUCTURE NECESSARY FOR PROPER INSTALLATION, BUT SHALL VERIFY EXTENT OF THOSE MODIFICATIONS WITH STRUCTURAL ENGINEER PRIOR TO ANY CUTTING, DRILLING OR NOTCHING.
4. OUTLETS INDICATED AS BACK TO BACK SHALL BE INSTALLED STAGGERED PER DETAIL 55/EL
5. FOR EXACT LOCATIONS OF FIXTURES, COORDINATE W/OWNER
6. BATH SPACE LIGHT FIXTURE SHALL BE OPERATED BY SIDE TYPE DIMMERS OR OCCUPANCY SENSOR. (VERIFY W/OWNER)
7. COVER PLATES, ROCKER SWITCHES, AND DEVICES TO BE "LEVITON DECORA" SERIES, FINISH WHITE, UNO. (VERIFY W/OWNER)
8. ANY WALL MOUNTED ELECTRICAL AND DATA OUTLETS SHALL BE MOUNTED AT 148" AFF UNO.
9. INSTALL ALL LIGHT SWITCHES AT 148" AFF AND WITHIN 8" OF DOOR JAMBS, UNLESS OTHERWISE NOTED.
10. ALL OUTLETS AND SWITCHES SHALL BE MOUNTED VERTICALLY, UNLESS OTHERWISE NOTED.
11. PROVIDE PROPER ANCHORAGE FOR ALL EQUIPMENT AND SUSPENDED LIGHT FIXTURES.

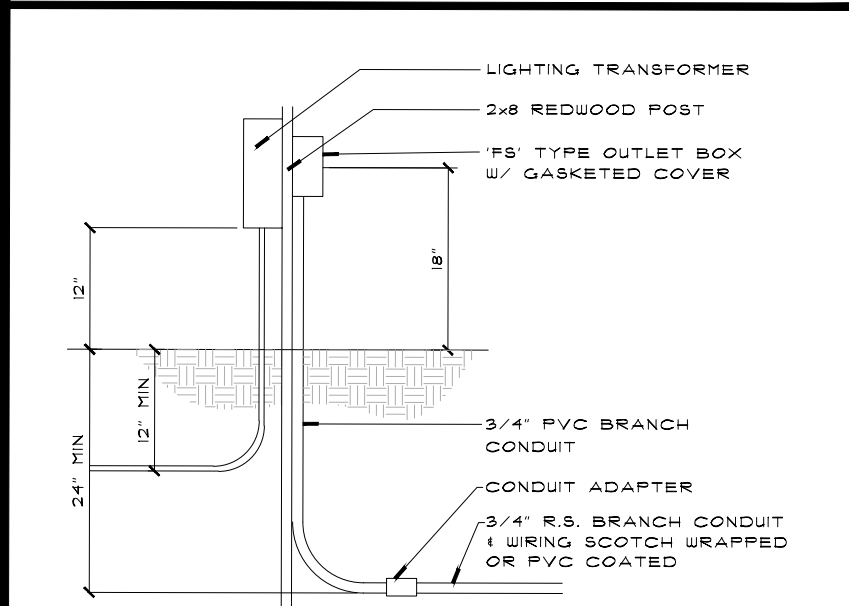


BR21 HUMIDITY CONTROL REQUIRED ON BATHROOM FANS

PLEASE ADD THESE NOTES FOR BATHROOM FANS:
FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
2. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.
a. HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 50 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
b. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL (I.E., BUILT-IN)

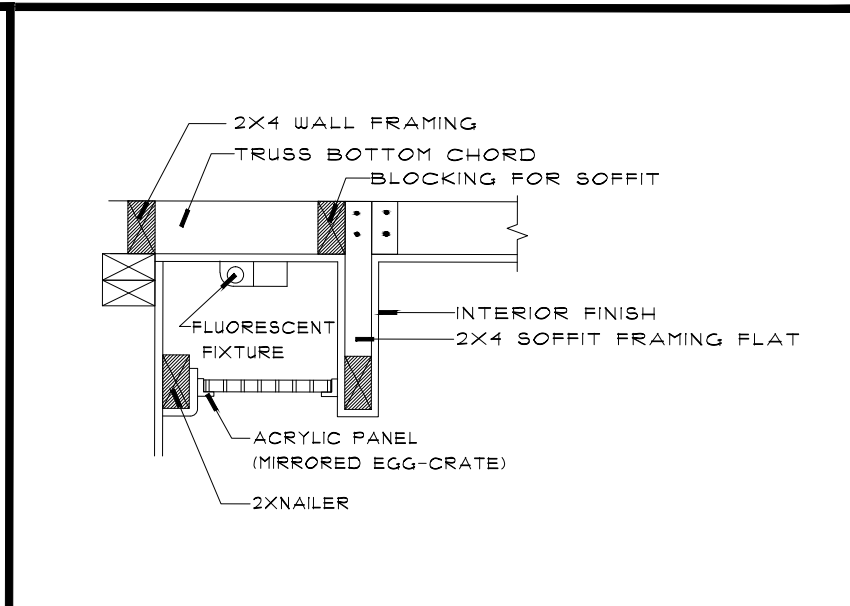
BER77 BATHROOM LIGHTING

A MINIMUM OF ONE HIGH EFFICACY LUMINAIRE SHALL BE INSTALLED IN EACH BATHROOM AND ALL OTHER LIGHTING INSTALLED IN EACH BATHROOM SHALL BE HIGH EFFICACY OR CONTROLLED BY VACANCY SENSORS.



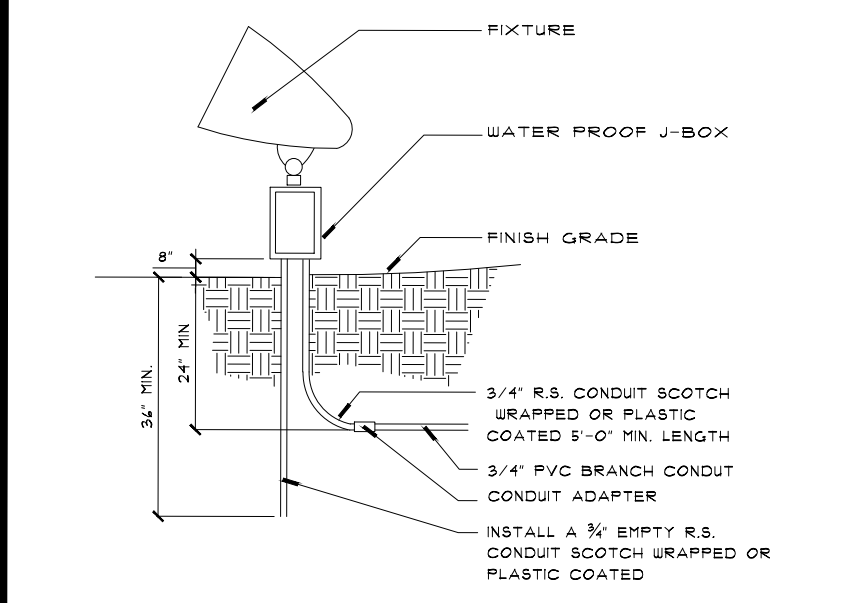
64 LOW VOLTAGE TRANSFORMER

LIBRARY LOC. # SCALE: N.T.S.



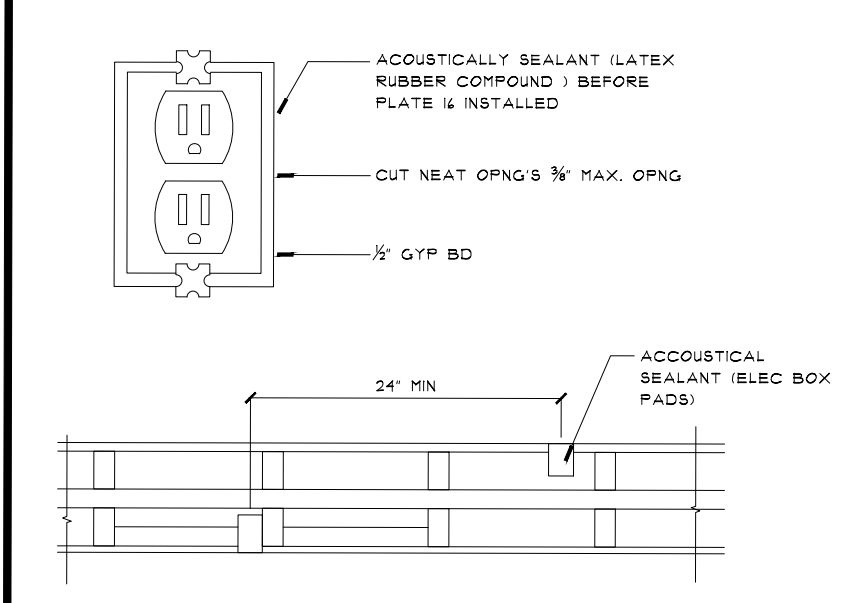
54 SOFFIT LIGHTING

LIBRARY LOC. # SCALE: N.T.S.



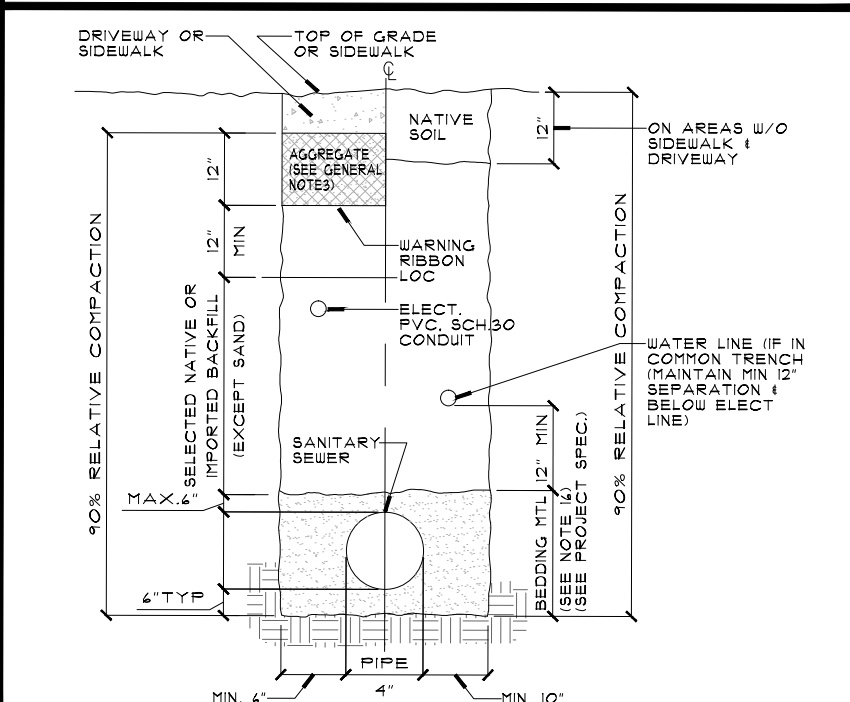
65 GROUND MOUNTED LIGHTING

LIBRARY LOC. # SCALE: N.T.S.



55 PENETRATION OFFSET

LIBRARY LOC. # SCALE: N.T.S.



44 TRENCH

LIBRARY LOC. # SCALE: N.T.S.

SEISMIC ANCHORAGE REQUIREMENTS

ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

2013 CBC & APPLICABLE CODE SECTIONS

CODE, RULES & REGULATIONS:

ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA CODE OF REGULATIONS, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE AND LOCAL ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES WHERE WORK IS A HIGHER DEGREE IS INDICATED IN THE PLANS OR SPECIFICATIONS THIS REQUIREMENT SHALL GOVERN.

FAN SCHEDULE

MARK	MAKE	MODEL	CFM	EXT. SP.	EQUIP. COLLAR	ZONE	POWER W/H.P.	VOLATAGE-PHASE	WEIGHT (LBS)	REMARKS (FURNISH (1 INSTALL FAN W/ THE FOLLOWING):
EP	COOK	GN-20	50	.25	---	1.8	35w	115V-10	15	WITH MANUF'S ROOF OR WALL JACK
EP	COOK	GN-10	100	.315	---	1.1	10w	115V-10	20	WITH MANUF'S ROOF OR WALL JACK

FAN INSTALLATION NOTES:

1. ALL FANS SHALL BE INSTALLED WITH AN APPROVED ELECTRICAL DISCONNECT DEVICE MEETING THE INTENT OF THE NEC
2. FURNISH (1 INSTALL ALL FANS W/ MANUFACTURER'S BACKDRIFT DAMPERS
3. CONTROL EFF-1 AND EFF-2 WITH WALL SWITCH (SEPARATE FROM LIGHT SWITCH)

ENERGY

NEW LIGHTING MUST COMPLY WITH THE LATEST ADOPTED ENERGY STANDARDS. ANY DEVIATION FROM THE PLANS DURING CONSTRUCTION WILL REQUIRE APPROVAL FROM THE CITY.

LIGHTS IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS MUST BE HIGH EFFICACY OR CONTROLLED BY A "MANUAL-ON" MOTION SENSOR, OR CONTROLLED BY A DIMMER.

LIGHTS IN HABITABLE ROOMS MUST BE HIGH EFFICACY OR CONTROLLED BY A "MANUAL-ON" MOTION SENSOR, OR CONTROLLED BY A DIMMER.

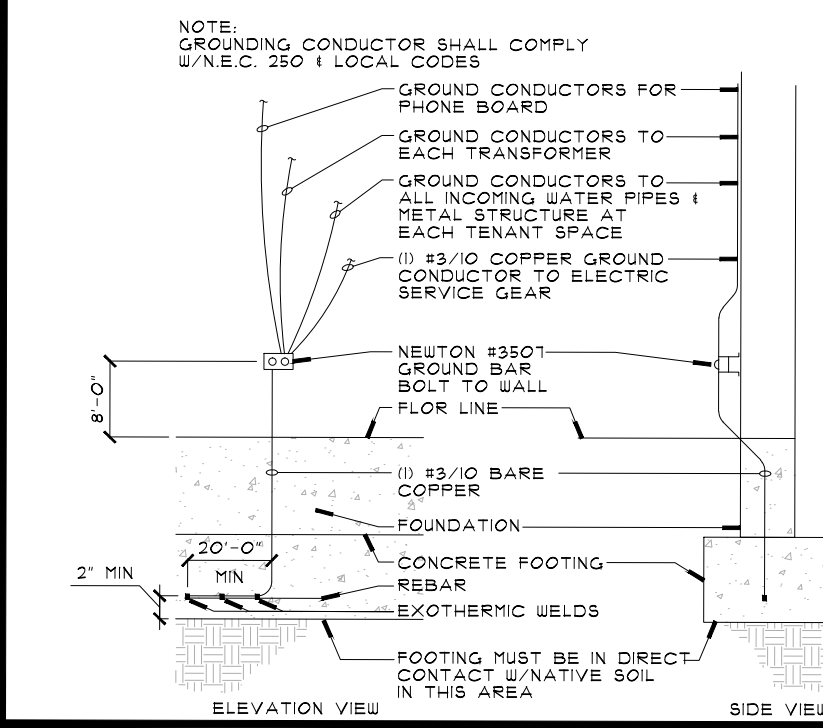
NOTE ON THE PLANS OR INDICATE IN THE LIGHT FIXTURE SCHEDULE, "ALL OUTDOOR LIGHTING ATTACHED TO BUILDINGS MUST BE HIGH EFFICACY OR CONTROLLED BY BOTH A MOTION SENSOR AND PHOTOCONTROL"

ELECTRICAL

SHOW ON THE FLOOR PLAN OR ON A SEPARATE ELECTRICAL PLAN THE LOCATION OF ELECTRICAL RECEPTACLES AND LIGHTING FIXTURES. GENERALLY, RECEPTACLES ARE TO BE LOCATED IN A WALL EVERY 12 FEET SO THAT A FIXTURE WILL NOT BE MORE THAN 4 FEET FROM ANY RECEPTACLE. LATEST ADOPTED CALIFORNIA ELECTRICAL CODE.

GROUND FAULT CIRCUIT INTERRUPTER (GFCI) PROVIDE GFCI RECEPTACLE PROTECTION AT THE FOLLOWING LOCATIONS:

- A. BATHROOM LAVATORIES
- B. IN GARAGE
- C. OUTDOOR RECEPTACLES (IN ADDITION TO WEATHER PROOF)



151 UFER SERVICE GROUND

LIBRARY LOC. # SCALE: N.T.S.

ELECTRICAL PLAN

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Sheet Title

Job Title

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