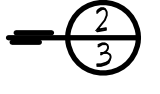


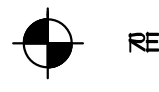
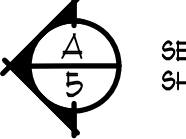
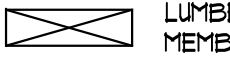

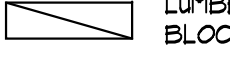


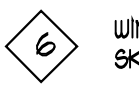


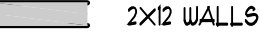
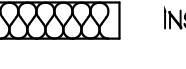
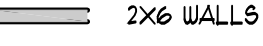

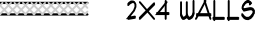

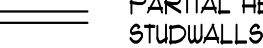


TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT

43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456

SYMBOLS	VICINITY MAP	DRAWING INDEX	AREA ANALYSIS
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	DETAIL NUMBER SHEET NUMBER		ELEVATION NUMBER SHEET NUMBER
	NOTE NUMBER		REFERENCE POINT
	SECTION NUMBER SHEET NUMBER		LUMBER THRU MEMBER
	ROOM NUMBER		LUMBER BLOCKING
	DOOR NUMBER		PLUMBING FIXTURES
	WINDOW / SLIDING GLASS DOOR / SKYLIGHT / MIRROR		APPLIANCES
	CONCRETE		2X12 WALLS
	INSULATION		2X6 WALLS
	FINISH LUMBER		2X4 WALLS
	EARTH		PARTIAL HEIGHT STUD WALLS



ARCHITECTURAL	
A11	TITLE SHEET AND SITE PLAN
A12	SITE PLAN
A13	ACCESSIBILITY SITE DETAILS
A21	FLOOR PLAN AND GENERAL NOTES
A31	EXTERIOR ELEVATIONS AND SCHEDULES
A41	CROSS SECTION AND NOTES
A51	BITUMEN ROOF PLAN AND DETAILS
A52	MEMBRANE ROOF PLAN AND DETAILS
A53	METAL ROOF PLAN AND DETAILS
A11	INTERIOR ELEVATIONS AND NOTES
A101	DETAILS
A102	SPECIFICATIONS
ELECTRICAL / MECHANICAL	
E21	ELECTRICAL PLAN

DEFERRED APPROVALS:
DEFERRED APPROVAL IS REQUESTED FOR THE FIRE ALARM SYSTEM, SEE SHEET A102 FOR PERFORMANCE SPECIFICATIONS.

AREA ANALYSIS:	
AREAS:	TOTAL
REMODELED TERMINAL BUILDING	4815 SQ. FT.
TOTAL GROSS SQ. FT.	4815 SQ. FT.

CALCULATED AREAS SHOWN ARE FOR THE BUILDING DEPARTMENT USE ONLY. THE FIGURES ARE NOT TO BE CONSTRUED AS A BINDING AREA OR FOR TAX CONSIDERATION.

ABBREVIATIONS

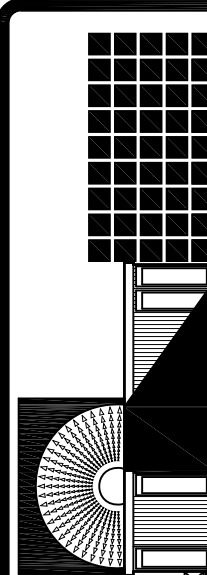
AB.	ANCHOR BOLT	JT.	JOINT
A.C.	ASPHALTIC CONC.	L. OR LAV.	LAVATORY
BLK.	BLOCK	LAM. PLAS.	LAMINATED PLASTIC
BM.	BEAM	MET.	METAL
BN.	BOUNDARY NAILING	MIN.	MINIMUM
CAB.	CABINET	MT.	METAL THRESHOLD
C.J.	CONTROL JOINT	MTD.	MOUNTED
C.L.	CENTER LINE	N.I.C.	NOT IN CONTRACT
CLR.	CLEAR	N.T.S.	NOT TO SCALE
COL.	COLUMN	O/	OVER
CONC.	CONCRETE	O.C.	ON CENTER
CONT.	CONTINUOUS	PEN	PLYWOOD EDGE NAILING
DET.	DETAIL	P.L.	FLATE
D.F.	DOUGLAS FIR	PLAST.	PLASTER
DR.	DOOR	P.T.	PRESSURE TREATED
D.S.	DOWNSPOUT	R.D.	ROOF DRAIN
E.J.	EXPANSION JOINT	RDWD.	REDWOOD
EN	EDGE NAILING	RWLL.	RAIN WATER LEADER
EQ.(E)	EQUAL/EQUIVALENT	SAD.	SEE ARCHITECTURAL DRAWINGS
EXIST	EXISTING	SED.	SEE ENGINEERING DRAWINGS
F.D.	FLOOR DRAIN	S.C.	SOLID CORE
FE.	FIRE EXTINGUISHER	SHT.	SHEET
FIN. FLR.	FINISH FLOOR	S.S.	STAINLESS STEEL
FN	FIELD NAILING	T.C.	TOP OF CURB
F.O.C.	FACE OF CONCRETE	TYP.	TYPICAL
F.O.M.	FACE OF MASONRY	UNCL.	UNLESS NOTED OTHERWISE
F.O.S.	FACE OF STUD	V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
GA.	GAUGE	W/	WITH
GI.	GALVANIZED IRON	W.C.	WATER CLOSET
GYP.BD.	GYP.SUM BOARD	WD.	WOOD
H.B.	HOSE BIBB	W.I.	WROUGHT IRON
H.C.	HOLLOW CORE	WWF.	WELDED WIRE FABRIC

CODE ANALYSIS

PROJECT: TERMINAL BUILDING REMODEL
ADDRESS: 43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CA 95456
ASSESSOR'S PARCEL NO: 121-370-09
121-330-04
121-330-06
121-020-11
121-020-12
121-360-08
121-360-10
CODE AUTHORITY: COUNTY OF MENDOCINO
APPLICABLE CODES: 2016 CBC, CFC, CEC, CMC, CFC
2016 CAL GREEN BUILDING CODE
2016 ADA STDs. FOR ACCESSIBILITY DESIGN.
2016 TITLE 24 ENERGY STANDARDS.
OCCUPANCY GROUP: B
CONSTRUCTION TYPE: TYPE V-B
ZONING: PF - AH
PARCEL SIZE: 5991 ACRES

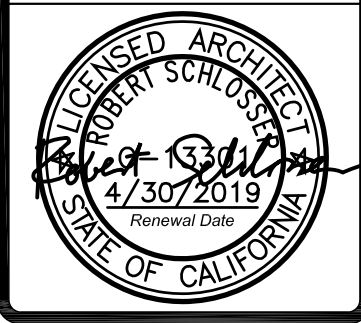


SITE PLAN
1" = 600'-0"


SCHLOSSER, NEUBERGER ARCHITECTS
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456
Phone (707) 981-0911 Fax (707) 981-0912
www.snaa.com

TITLE SHEET
AND
SITE PLAN

TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456

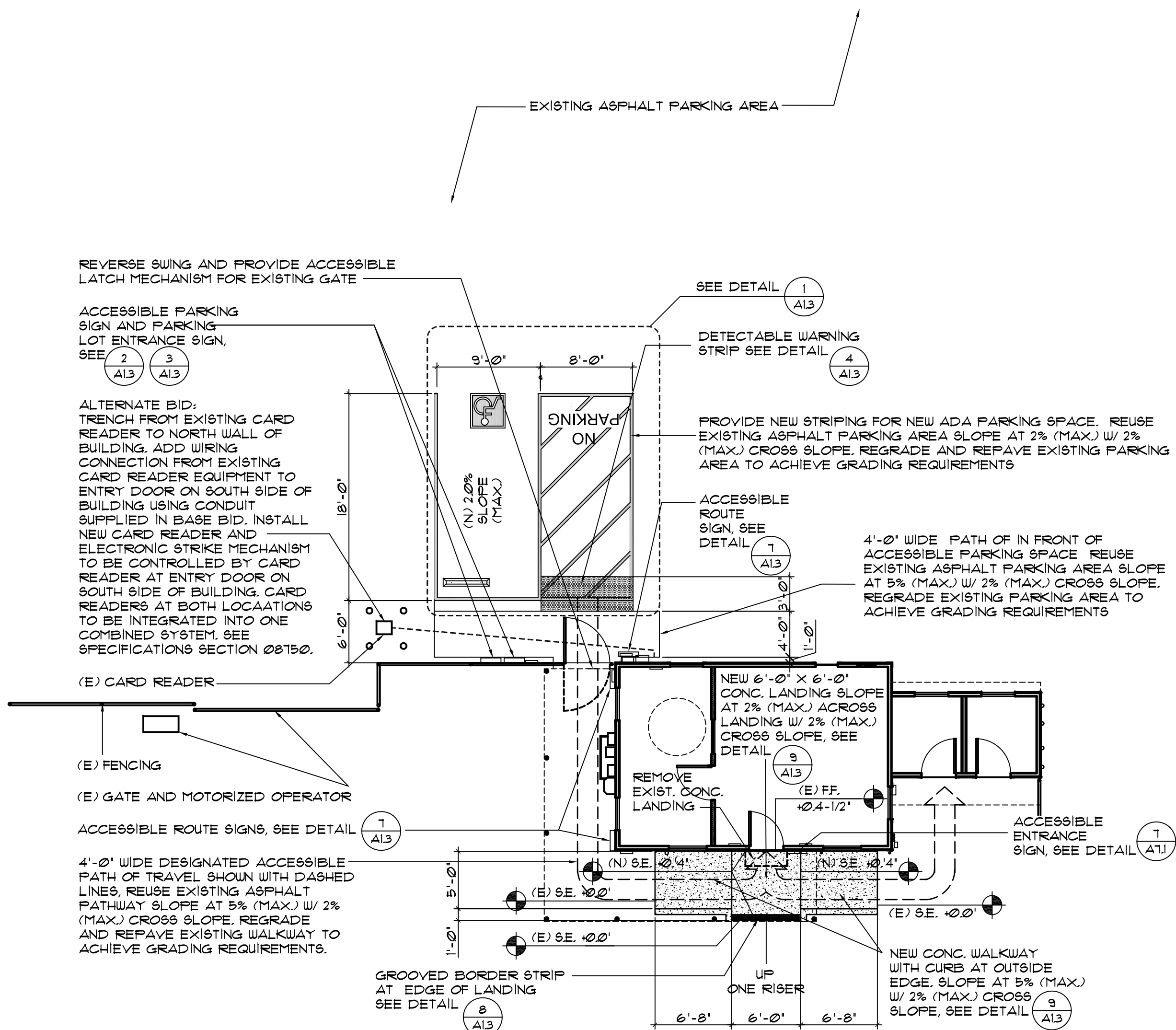
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SEPTEMBER 12, 2011
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SITE PLAN

1/8" = 1'-0"

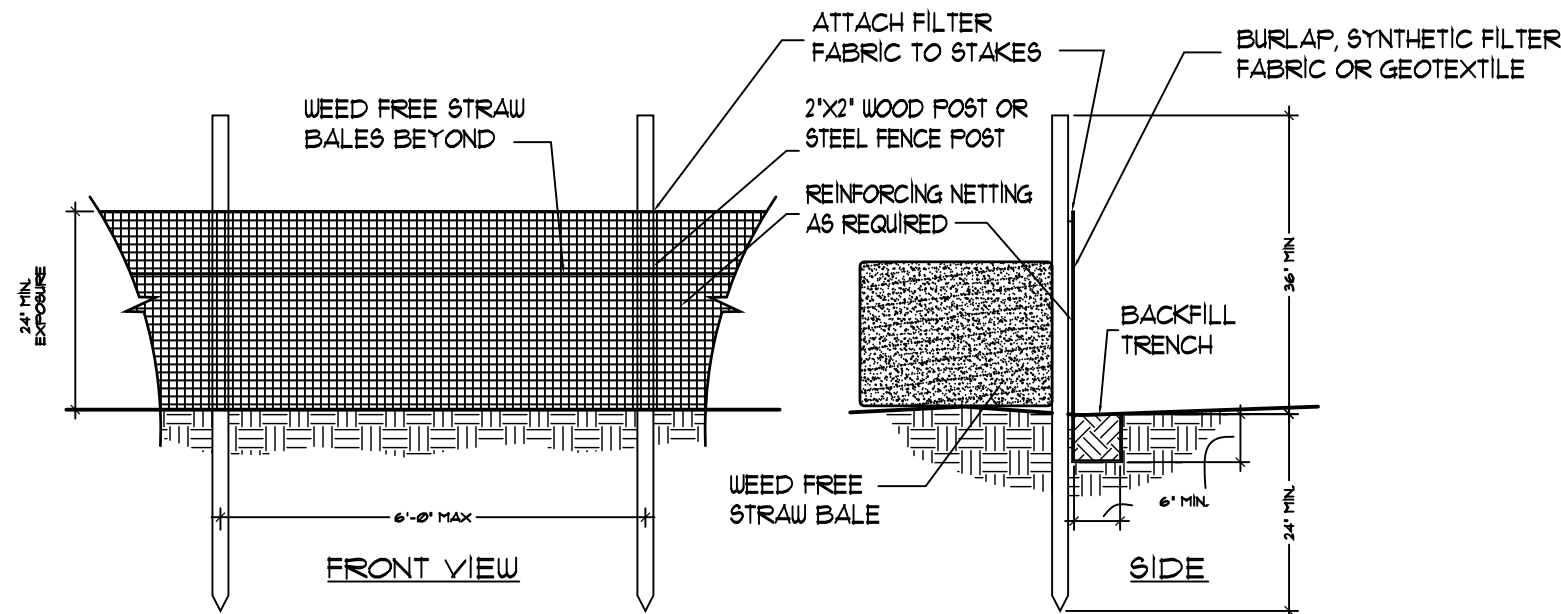


SITework NOTES

- DIRECT ALL SURFACE DRAINAGE AWAY FROM STRUCTURES TOWARD THE DIRECTION OF NATURAL FALL AWAY FROM THE STRUCTURE OR INTO DRAINAGE SWALES. ALL DRAINAGE SWALES SHALL SLOPE AWAY FROM STRUCTURES TOWARD THE DIRECTION OF NATURAL FALL.
- ALL GRADING AND ROADWORK SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION. (CALTRANS)
- FOR WATER SYSTEMS, SEPTIC SYSTEMS AND HOOKUPS TO UTILITY SYSTEMS, COMPLY WITH ALL REQUIREMENTS OF UTILITY SUPPLIERS AND ALL REQUIREMENTS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- PROVIDE CONCRETE FLASH BLOCKS AT OUTLETS OF DOWNSPOUTS. DIRECT DRAINAGE FROM FLASHBLOCKS AWAY FROM THE STRUCTURE TOWARD DRAINAGE SWALES OR TOWARD THE DIRECTION OF NATURAL FALL. WHERE UNDERGROUND DRAINAGE DISPERSAL SYSTEMS ARE SPECIFIED, PROVIDE DRAINAGE PIPES FOR OUTLETS OF ALL DOWNSPOUTS FROM GUTTERS OR ROOF DRAINS INDICATED ON PLANS. WHERE DRAINAGE SYSTEM INLETS OCCUR, PROVIDE VERTICAL 'T' IN PIPE AT DOWNSPOUT LOCATION. 'T' SHALL EXTEND 3' ABOVE GRADE, ALLOW A 1' GAP BETWEEN 'T' AND DOWNSPOUT. 'T' SHALL BE 1' LARGER THAN THE WIDEST DIMENSION OF DOWNSPOUT (MIN.) EMPTY ALL DOWNSPOUT PIPES INTO REMOTE SUMP FILLED WITH 5 CUBIC YARDS OF 3/4" GRAVEL (MIN.) AT LOCATION SHOWN ON PLANS.
- BEST MANAGEMENT PRACTICES & CONSTRUCTION RESPONSIBILITIES:
 - ANY AND ALL EXCESS EXCAVATED MATERIAL RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REMOVED AND DISPOSED OF AT A DISPOSAL SITE IN COMPLIANCE WITH MENDOCINO COUNTY REGULATIONS.
 - STRAW BAILS, COIR ROLLS, OR SILT FENCING STRUCTURES SHALL BE INSTALLED PRIOR TO AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD TO CONTAIN RUNOFF FROM CONSTRUCTION AREAS, TRAP ENTRAINED SEDIMENT AND OTHER POLLUTANTS, AND PREVENT DISCHARGE OF SEDIMENT AND POLLUTANTS DOWN SLOPE.
 - ON-SITE VEGETATION SHALL BE MAINTAINED TO THE MAXIMUM EXTENT FEASIBLE DURING CONSTRUCTION ACTIVITIES.
 - ANY DISTURBED AREAS SHALL BE REPLANTED OR SEEDED AND IF NECESSARY MULCHED AS SOON AS FEASIBLE FOLLOWING COMPLETION OF CONSTRUCTION, BUT IN ANY EVENT NO LATER THAN MAY 1ST OF THE NEXT SPRING SEASON.
 - ALL ON-SITE STOCKPILES OF CONSTRUCTION DEBRIS SHALL BE COVERED AND CONTAINED AT ALL TIMES TO PREVENT POLLUTED WATER RUNOFF.
 - THE CANOPY AND ROOT ZONES OF EXISTING LIVING TREES ON SITE SHALL BE PROTECTED THROUGH TEMPORARY FENCING OR SCREENING DURING CONSTRUCTION.

6. SILT FENCE REQUIREMENTS: (SEE DETAIL)

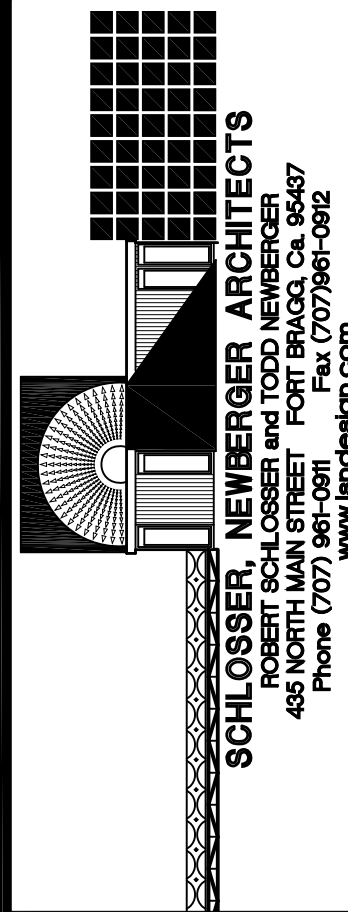
- THE HEIGHT OF A SILT FENCE SHOULD BE 36" MIN.
- TO AVOID THE USE OF JOINTS, THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE BARRIER.
- EXCAVATE A TRENCH APPROXIMATELY 6" WIDE BY 6" DEEP ALONG THE STAKES AND ON THE UPSLOPE OF THE BARRIER.
- WHEN STANDARD STRENGTH FILTER FABRIC IS USED APPLY A REINFORCING NETTING TO SUPPORT THE FABRIC. FASTEN THE REINFORCING NETTING SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES OR TIE WIRES. ATTACH THE FILTER FABRIC TO THE UPSLOPE SIDE OF THE NETTING USING TIE WIRE OR PLASTIC ZIP STRAPS.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE REINFORCING NETTING MAY BE ELIMINATED. IN SUCH CASES THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS.
- THE TRENCH IS THEN BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC SECURING IT IN PLACE.
- REGULAR INSPECTIONS SHOULD BE CONDUCTED WEEKLY TO ENSURE THE FENCE IS INTACT AND THE DEBRIS AND SEDIMENT HAS NOT ACCUMULATED AT THE BOTTOM. REMOVE ANY DEPOSITS AT THE BOTTOM. REMOVE ANY DEPOSITS WHEN THEY REACH ONE-HALF THE FENCE HEIGHT.
- SILT FENCES AND BARRIERS MAY BE REMOVED WHEN THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.



SILT FENCE DETAIL
SCALE: 1/2"=1'-0"

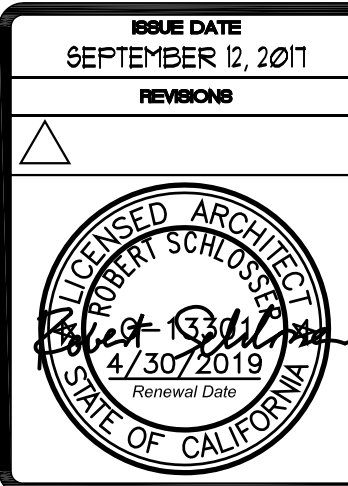
SITE PLAN SYMBOLS

	EXISTING CONTOUR ELEVATION (NUMBER ON HIGH SIDE OF CONTOUR)
	PROPOSED CONTOUR (SHOW AS SOLID LINE)
	FINISH SUB-FLOOR ELEVATION
	SPOT ELEVATION - PROPOSED
	SPOT ELEVATION - EXISTING
	TOP OF CURB (INCLUDE SPOT ELEVATION)
	TOP OF WALL (INCLUDES SPOT ELEVATION)
	BOTTOM OF WALL (INCLUDE SPOT ELEVATION)
	SWALE (DIRECTION OF DRAINAGE)
	PROPERTY LINE
	SETBACK
	AREA DRAIN
	TOP OF STEPS (INCLUDE SPOT ELEVATION)
	BOTTOM OF STEPS (INCLUDE SPOT ELEVATION)
	CATCH BASIN
	CONTOUR INTERVAL
	DRAIN INLET (NEEDS RE. AND I.E.)
	HIGH POINT (INCLUDE SPOT ELEVATION)
	INVERT ELEVATION (INCLUDE SPOT ELEVATION)
	LOW POINT (INCLUDE SPOT ELEVATION)
	MANHOLE (NEEDS RE. AND I.E.)
	RLM ELEVATION (INCLUDE SPOT ELEVATION)
	RIGHT-OF-WAY
	STORM DRAINS (NEEDS RE. AND I.E.)
	POINT OF CONNECTION



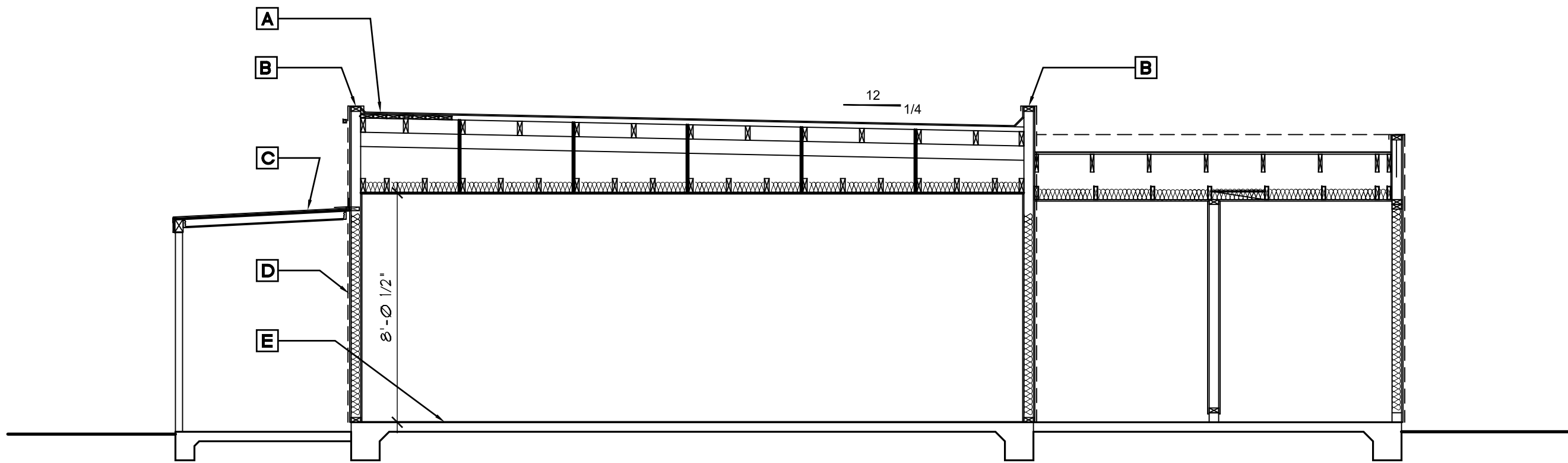
SITE PLAN

TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456



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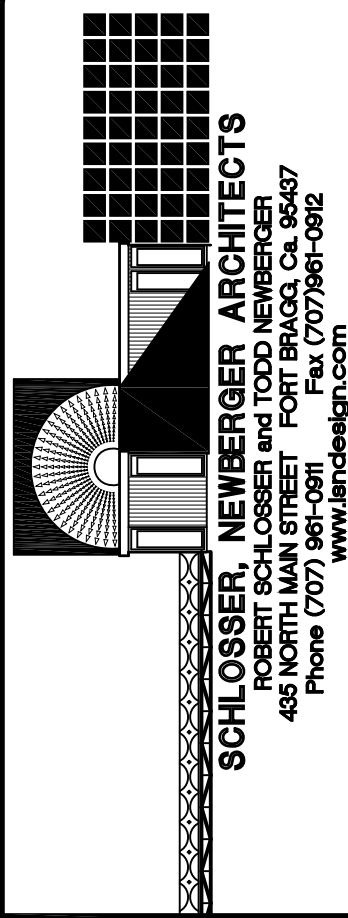


SECTION A-A

1/4' ± 1'-0'

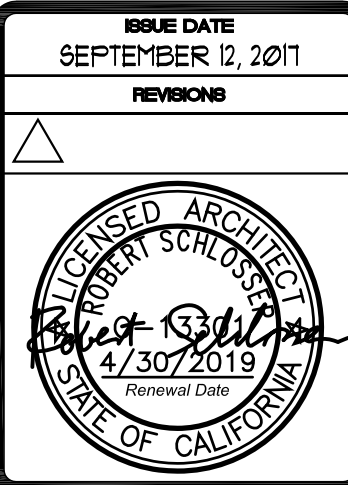
BUILDING ENVELOPE NOTES

A	ROOF SYSTEM:	1B ROOFING OR EQUAL 80 MIL HEAT WELDED MEMBRANE ROOFING SYSTEM OR DIBITEN OR EQUAL TORCH APPLIED MODIFIED BITUMEN ROOFING SYSTEM. UNDERLAYMENT AS RECOMMENDED BY ROOFING MANUFACTURER. (E) ROOF SHEATHING, SEE STRUCTURAL DRAWINGS FOR THICKNESS AND NAILING (E) ROOF TRUSSES (N) 8-1/4" THICK R-30 KRAFT FACED FIBERGLASS BATT INSULATION PLACED FLUSH WITH THE BOTTOM FACE OF (E) RAFTERS, MAINTAIN 1-3/4" (MIN.) CLEAR AIR SPACE ABOVE INSULATION AND AIR-PATH TO EXTERIOR FOR VENTILATION. INTERIOR CEILING FINISH: SEE INTERIOR ELEVATIONS AND FLOOR PLAN
B	PARAPET WALLS:	16 OZ. COPPER WALL CAP OVER TOP OF WALL AND LAPPED DOWN OVER FINISHES, BOTH SIDES. SIDING: SEE EXTERIOR ELEVATIONS 5/8" FELT VAPOR BARRIER PLYWOOD SHEATHING BOTH SIDES, SEE STRUCTURAL DRAWINGS FOR THICKNESS AND NAILING (E) 2X4 STUDS AT 16" O.C. 1B ROOFING OR EQUAL 80 MIL HEAT WELDED MEMBRANE ROOFING SYSTEM OR DIBITEN OR EQUAL TORCH APPLIED MODIFIED BITUMEN ROOFING SYSTEM WRAP ROOFING UP ONTO INSIDE FACE OF PARAPET WALL (CONT.). 16 OZ COPPER VENTED COUNTER FLASHING AT FACE OF PARAPET WALL, CONTINUOUS
C	PORCH ROOF SYSTEM :	AEP-SPAN NU-WAVE OR EQUAL CORRUGATED METAL ROOFING WITH PAINT FINISH ICE AND WATER SHIELD UNDERLAYMENT AS RECOMMENDED BY ROOFING MFG. (E) ROOF SHEATHING (E) EXPOSED ROOF JOISTS SEE STRUCTURAL DRAWINGS FOR SIZE AND SPACING. (N) PAINT FINISH ON EXPOSED ROOF JOISTS AND UNDERSIDE OF SHEATHING
D	BASE BID EXTERIOR WALL SYSTEM :	(N) FIBER CEMENT EXTERIOR SIDING, SEE EXTERIOR ELEVATIONS. (N) TYVEK CONTINUOUS VAPOR BARRIER. (E) SIDING OR PLYD. SHEATHING TO MATCH SIDING THICKNESS (E) MOISTURE BARRIER (E) 2X4 STUDS @ 16" O.C. (N) R-13 BATT INSULATION AT ALL WALL LOCATIONS EXPOSED BY REMODELING ACTIVITIES. WALL CAVITIES THAT ARE NOT EXPOSED DURING THE REMODELING SHALL MAINTAIN THE EXISTING LEVEL OF INSULATION UNCHANGED. INTERIOR WALL FINISH: SEE INTERIOR ELEVATIONS AND FLOOR PLAN
D	ALTERNATE BID EXTERIOR WALL SYSTEM :	(E) SIDING (E) MOISTURE BARRIER (E) 2X4 STUDS @ 16" O.C. (E) INSULATION UNCHANGED. INTERIOR WALL FINISH: SEE INTERIOR ELEVATIONS AND FLOOR PLAN
E	TYPICAL CONCRETE SLAB FLOOR SYSTEM :	(E) CONCRETE SLAB (E) SAND LAYER UNDER CONCRETE (E) VAPOR BARRIER (E) DRAIN ROCK



SECTION AND NOTES

TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456



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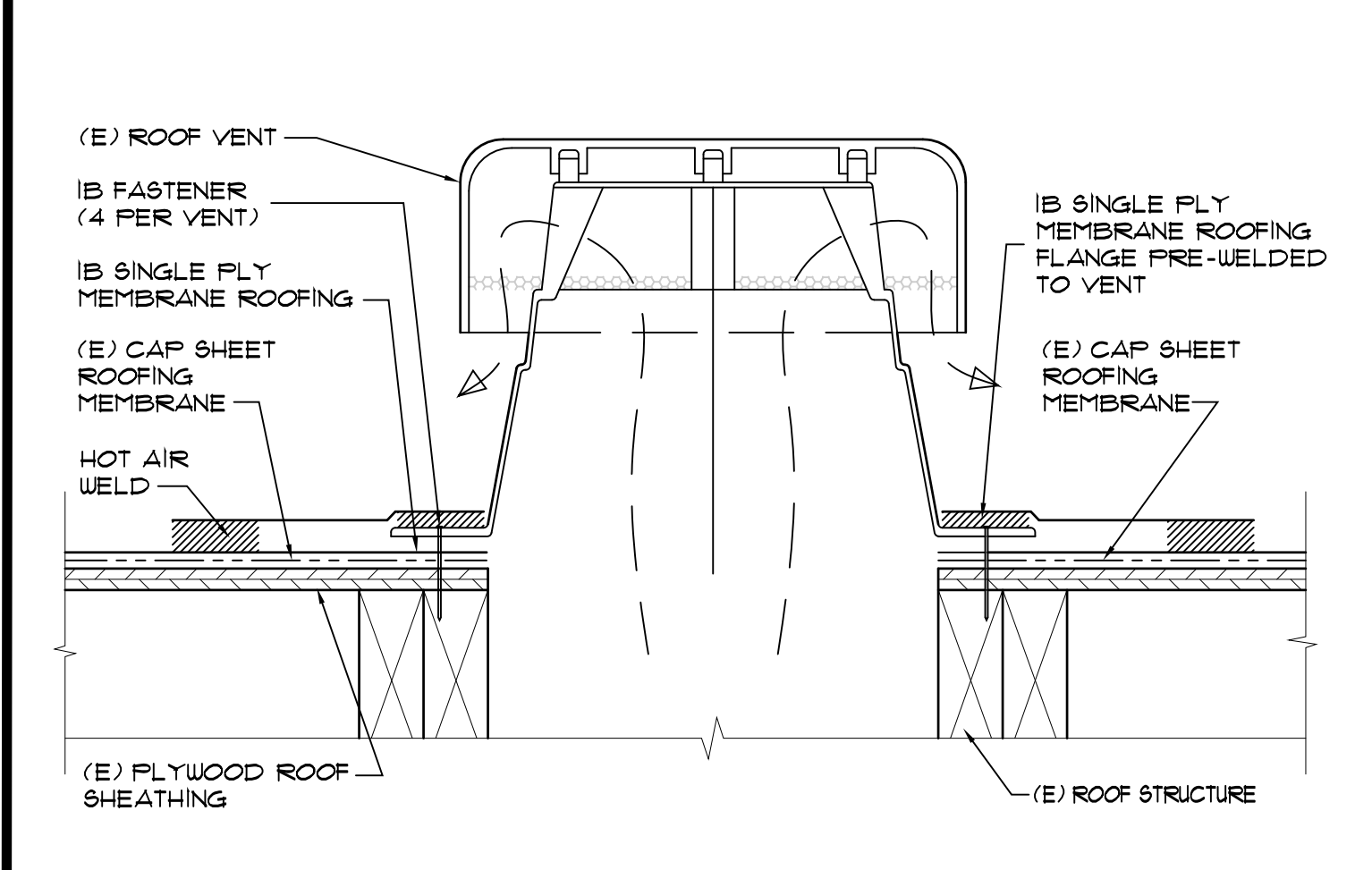
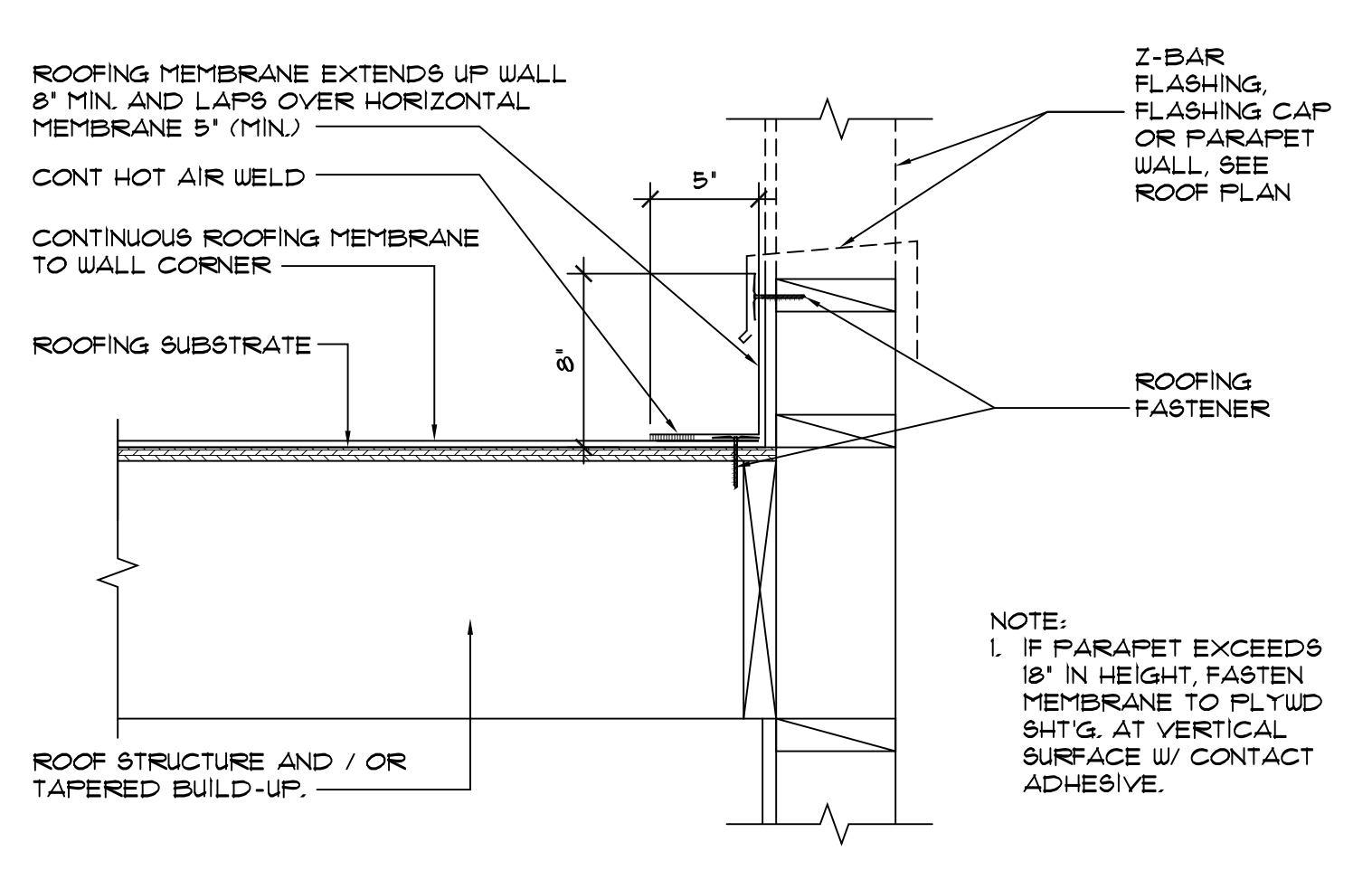
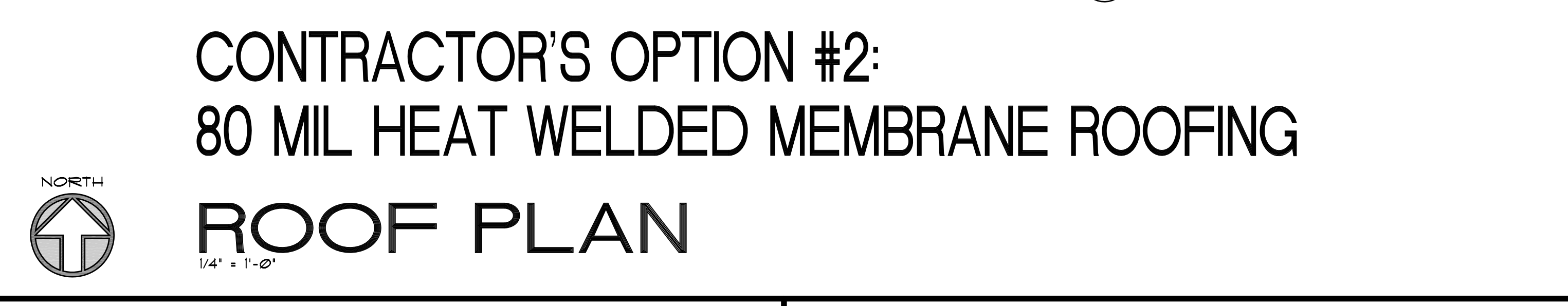
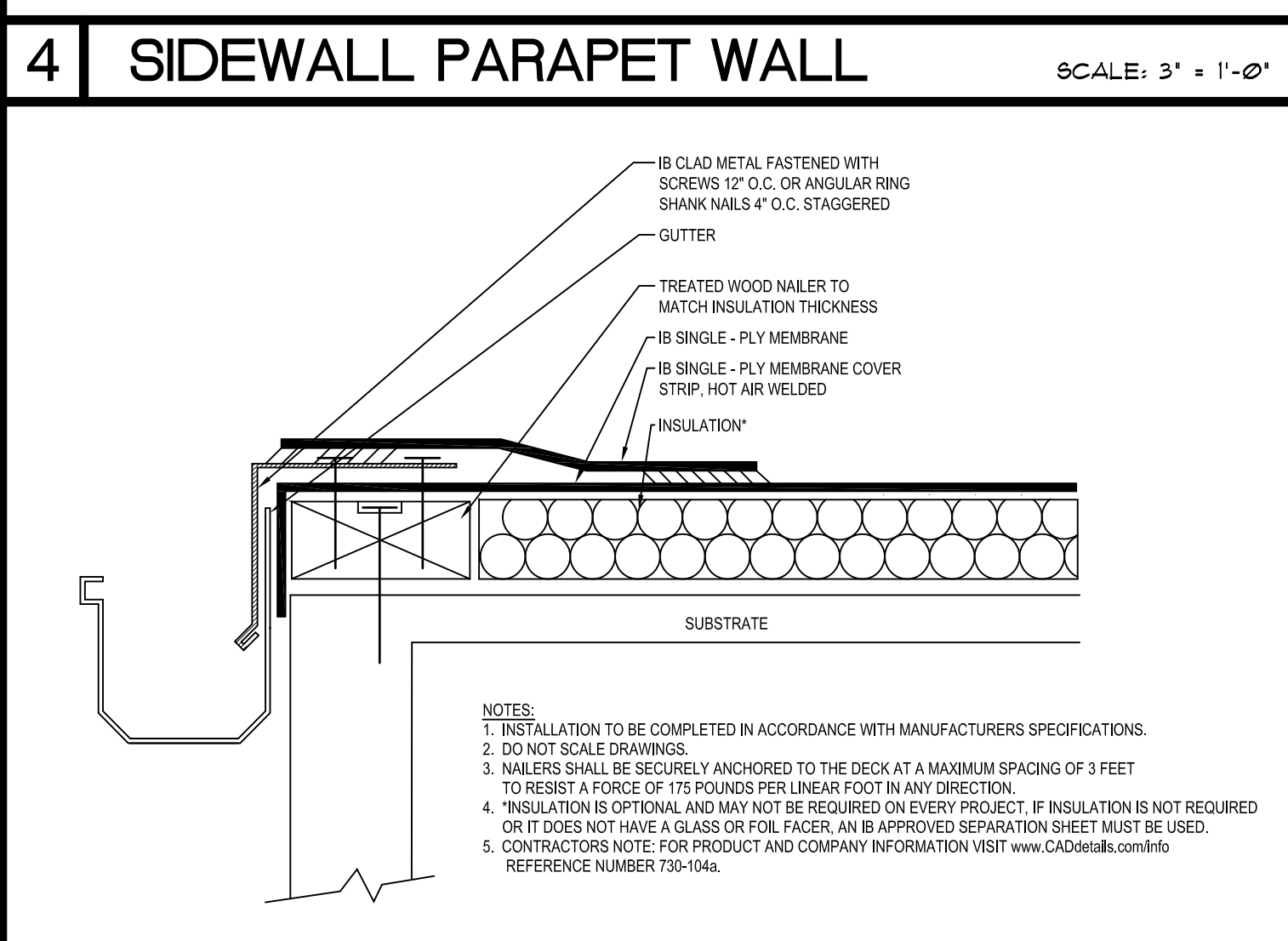
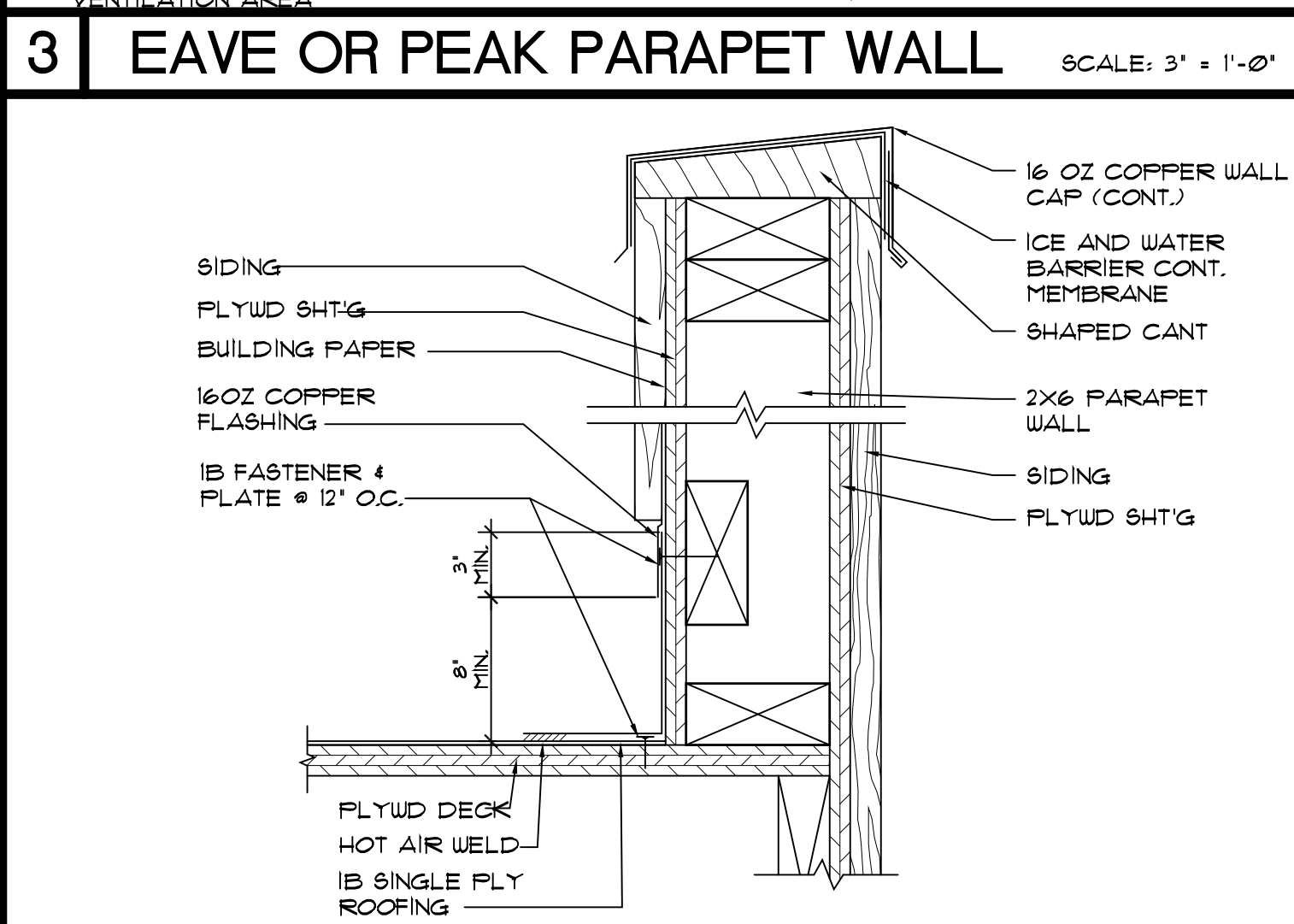
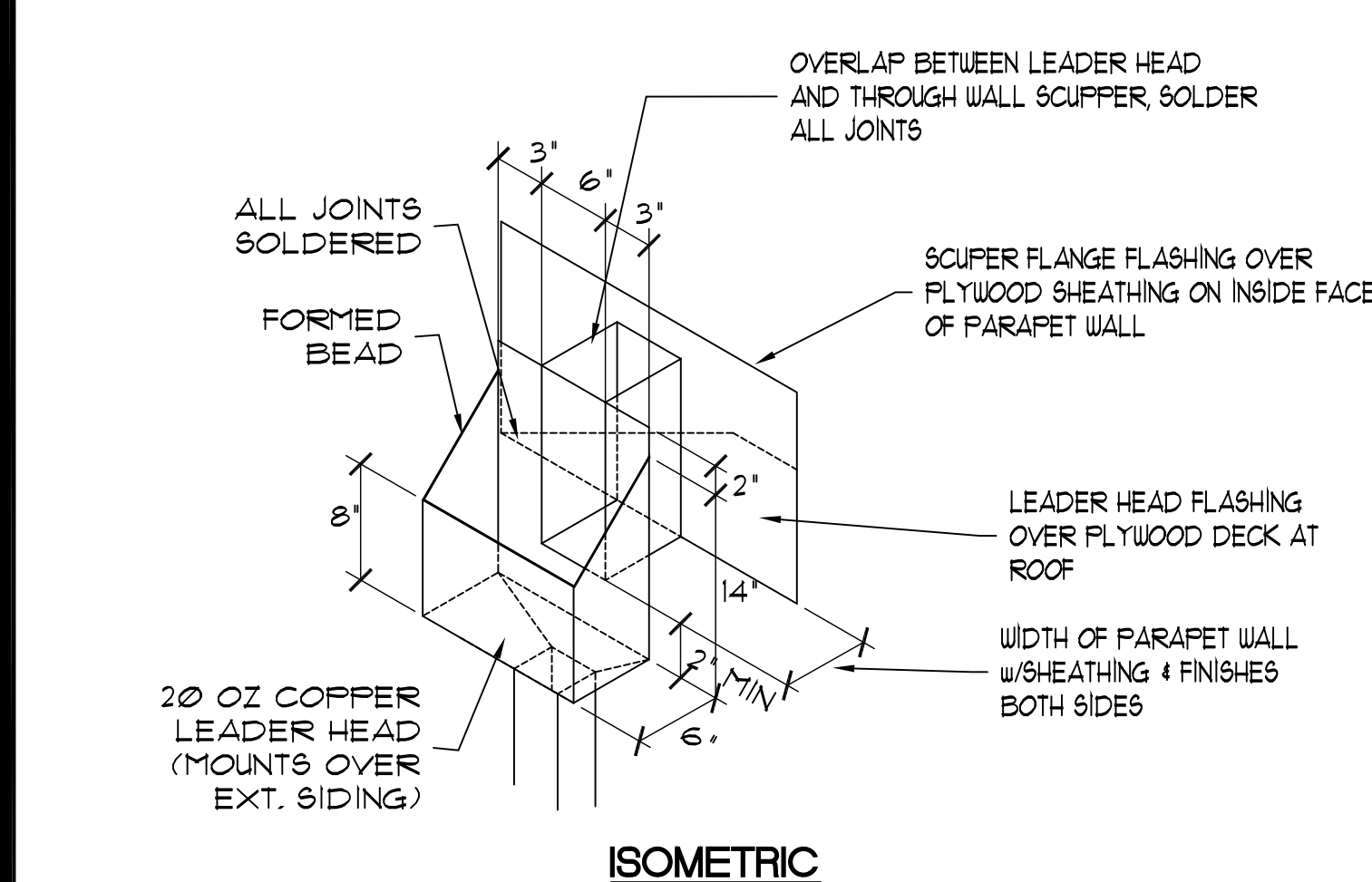
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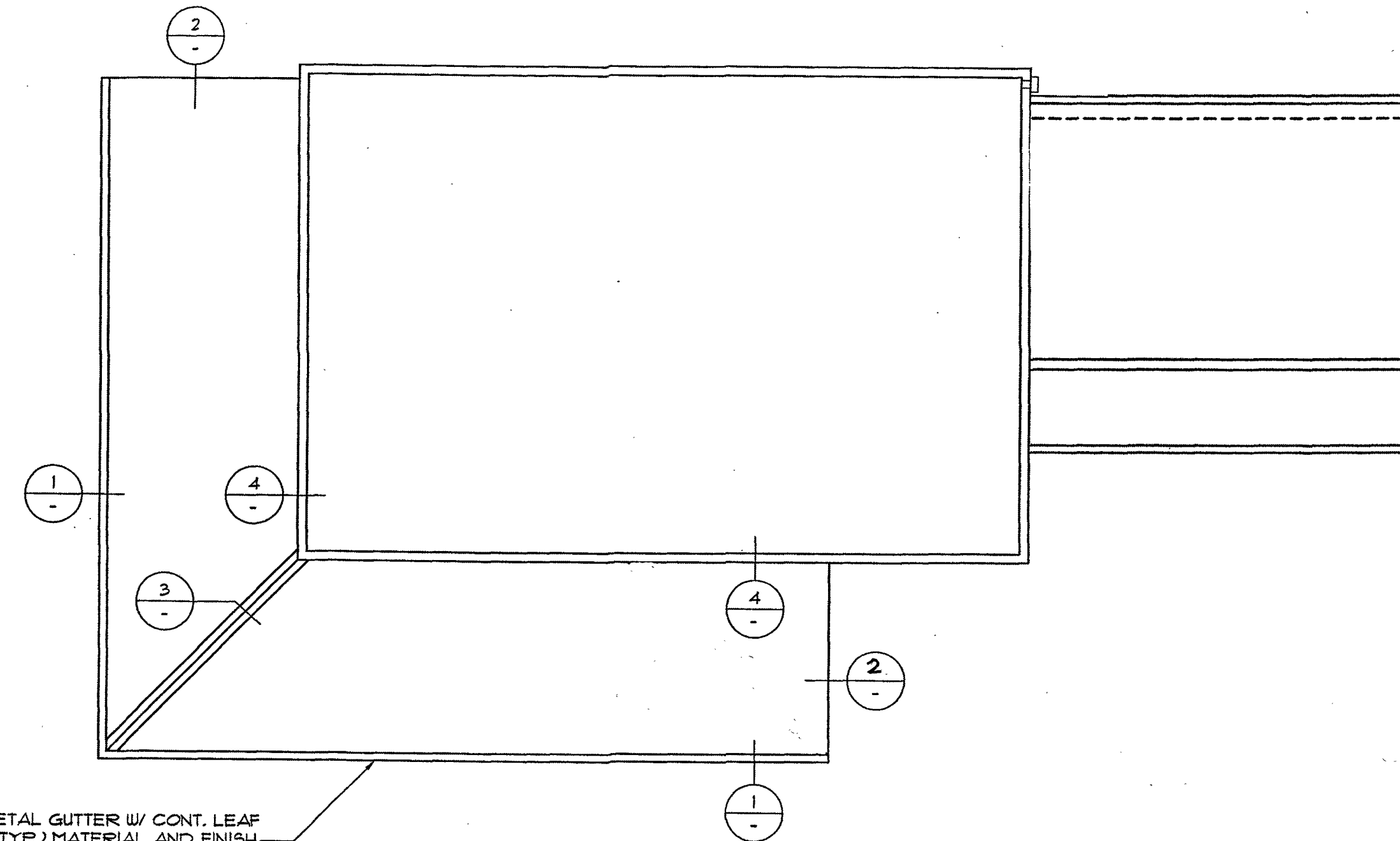
NORTH

ROOF PLAN

1/4" = 1'-0"





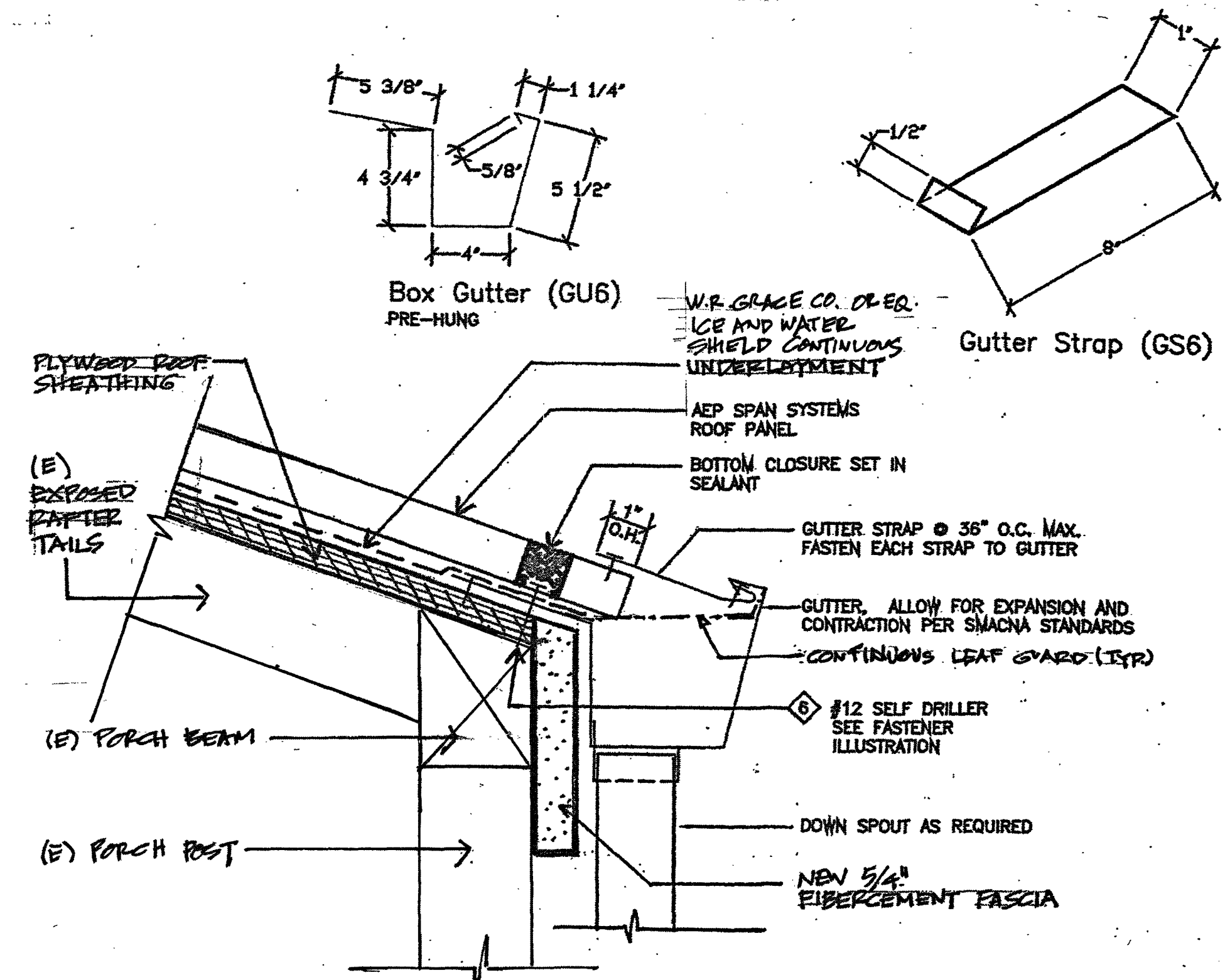


SHEET METAL GUTTER W/ CONT. LEAF GUARD (TYP) MATERIAL AND FINISH OF GUTTERS TO MATCH METAL ROOFING.

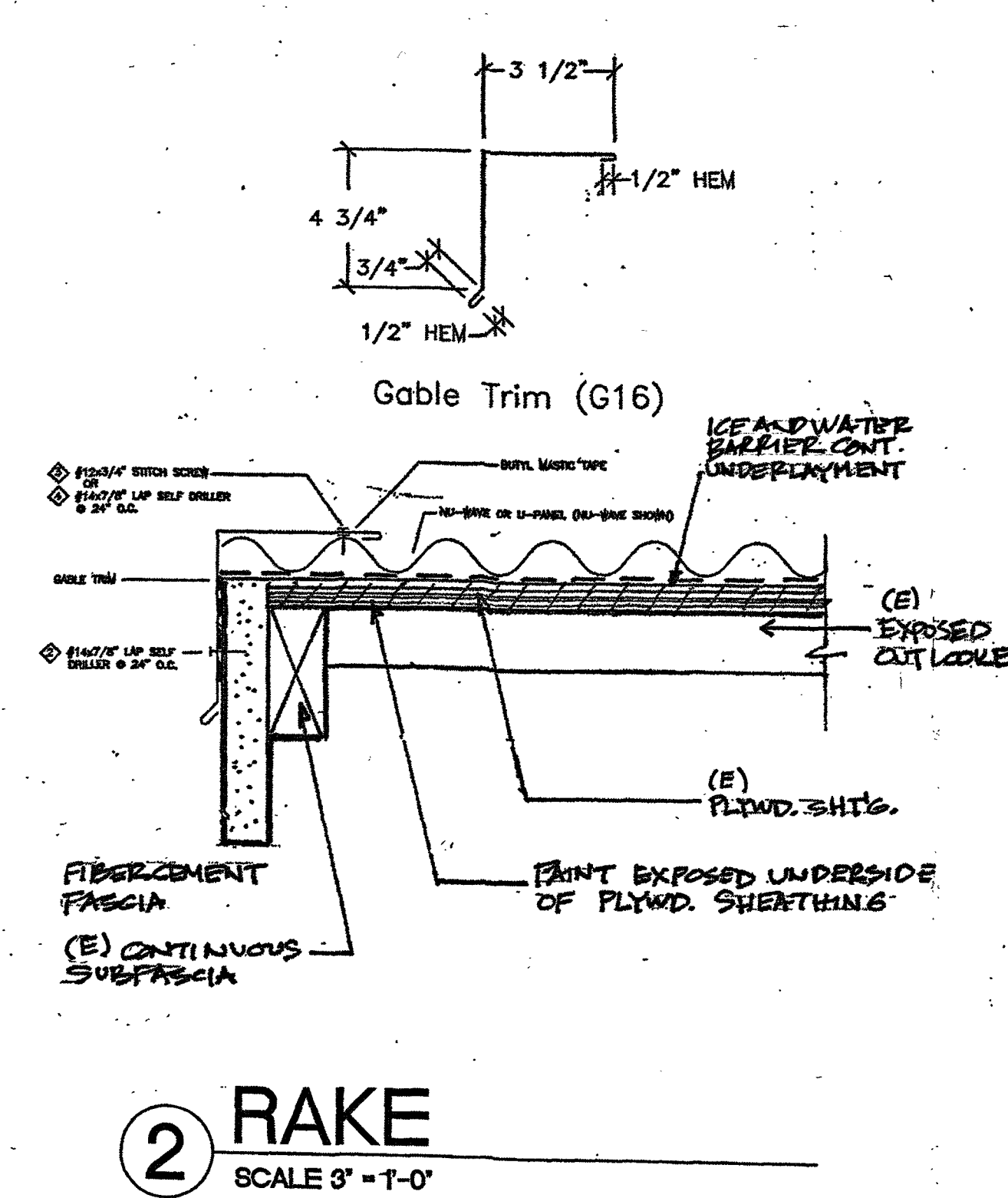


ROOF PLAN

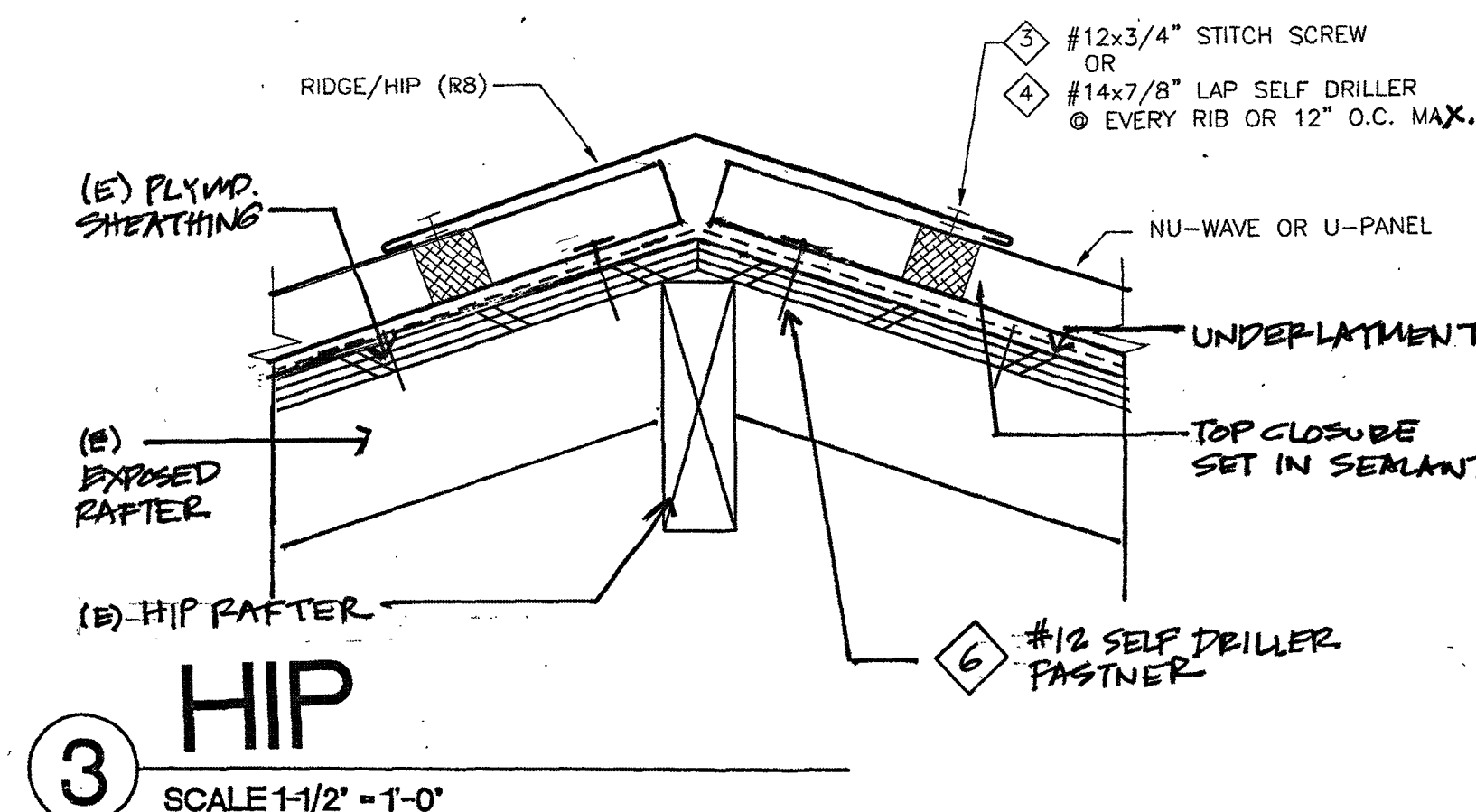
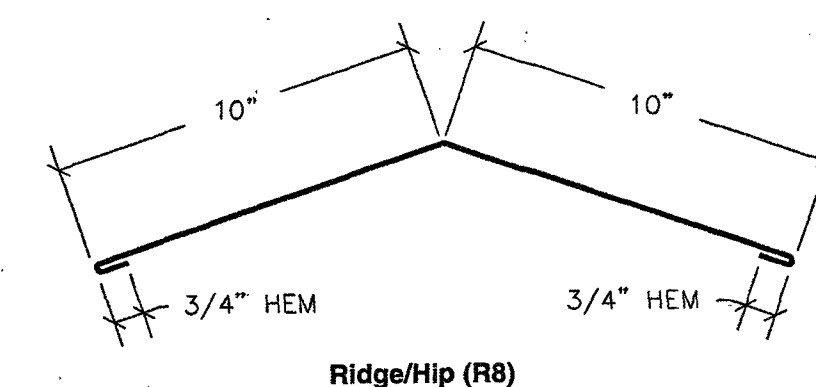
1/4" = 1'-0"



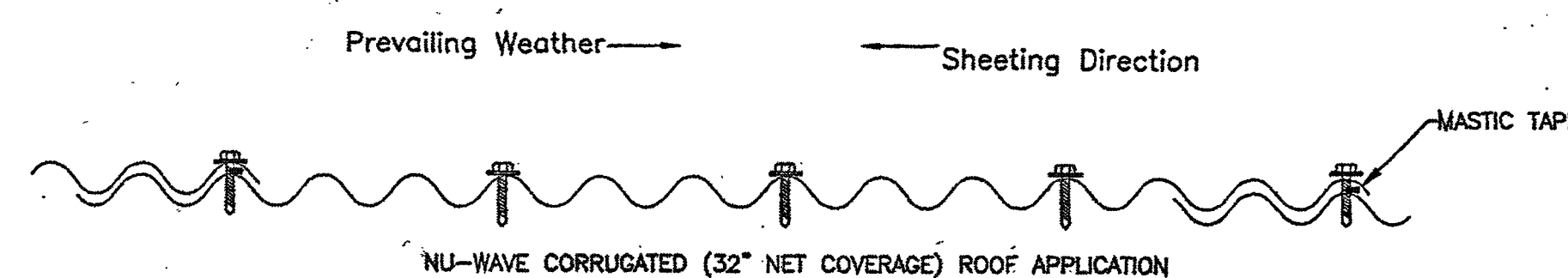
1 EAVE
SCALE 3" = 1'-0"



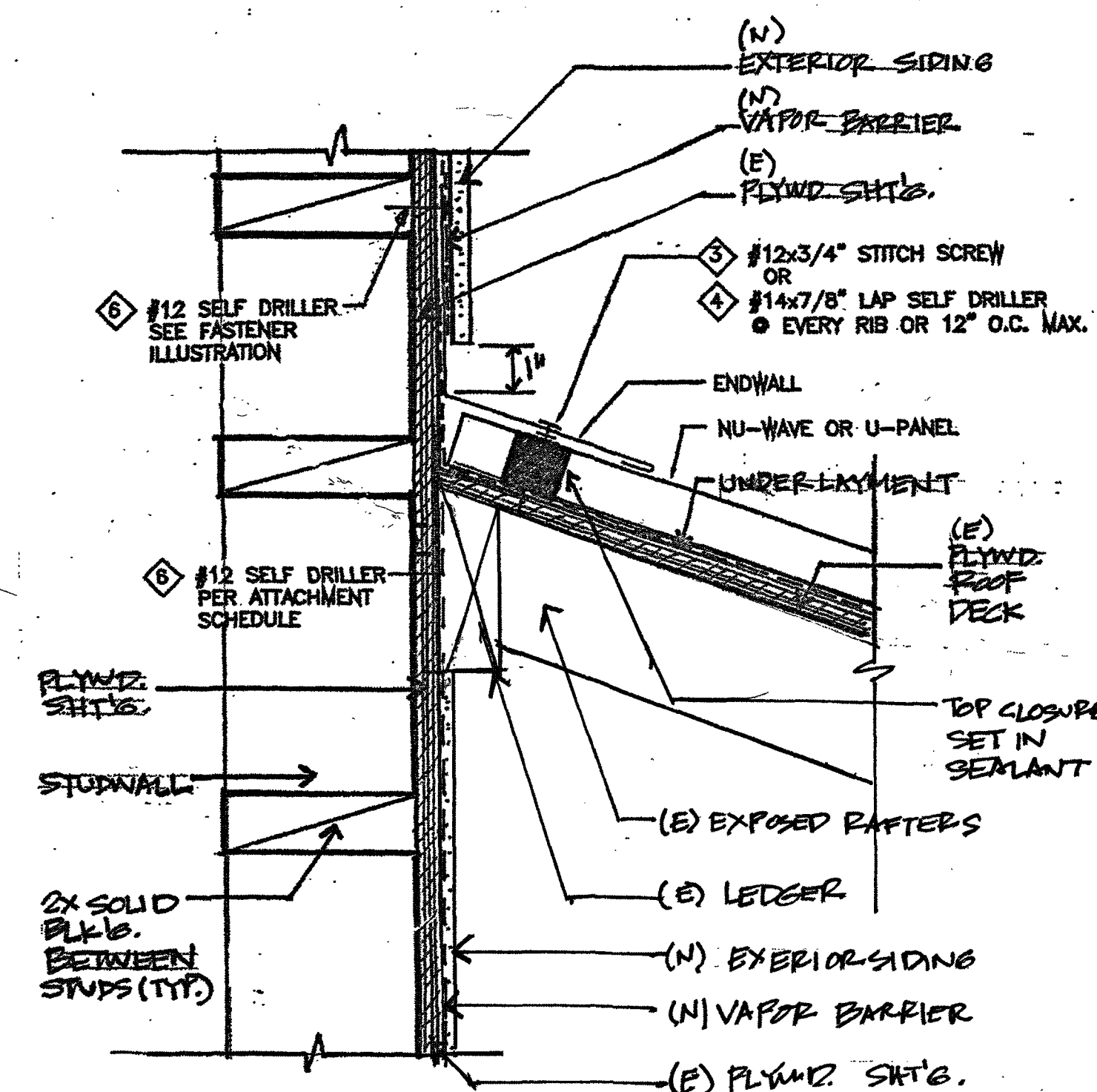
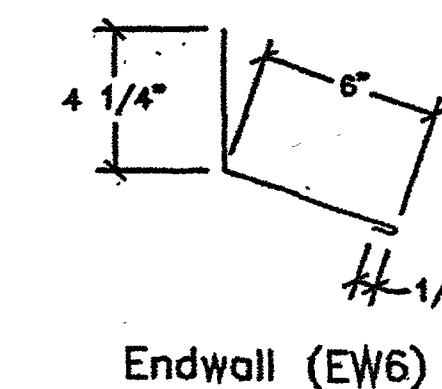
2 RAKE
SCALE 3" = 1'-0"



3 HIP
SCALE 1 1/2" = 1'-0"



5 FASTENER PLACEMENT
SCALE N.T.S.



4 ROOF TO WALL FLASHING
SCALE 3" = 1'-0"

SCHLOSSER, NEWBERGER ARCHITECTS
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456
Phone (707) 861-0881 Fax (707) 861-0882
www.schlossernewberger.com

METAL ROOFING
PLAN and DETAILS

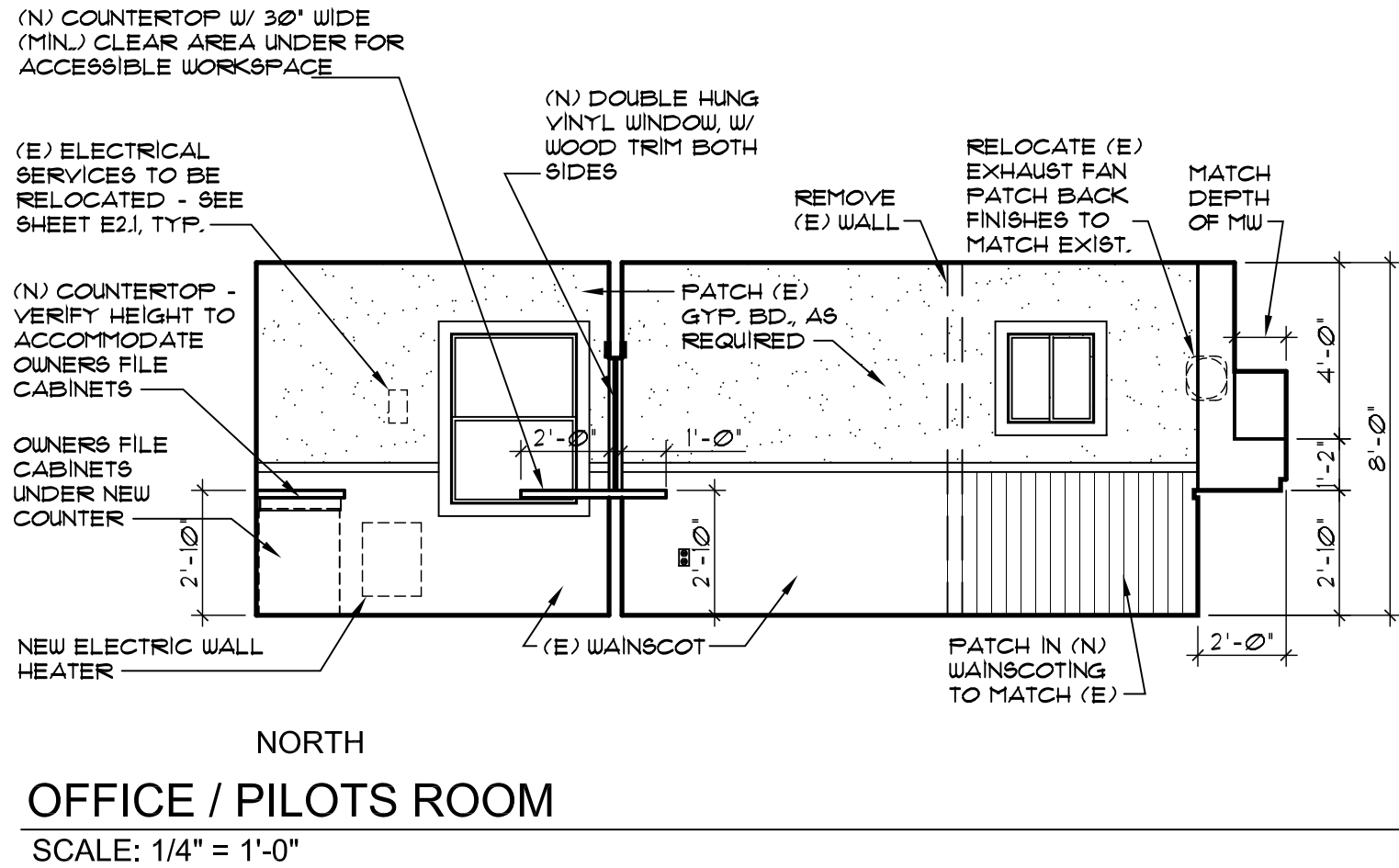
TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456

ISSUE DATE
SEPTEMBER 12, 2011
REVISIONS
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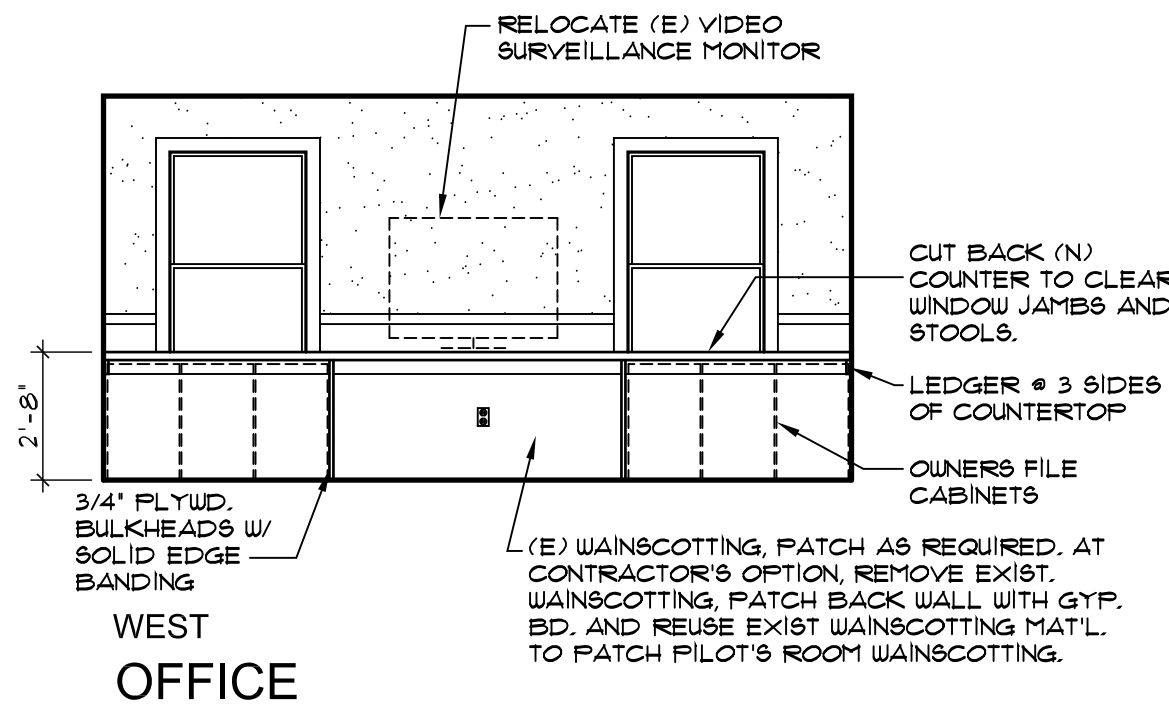
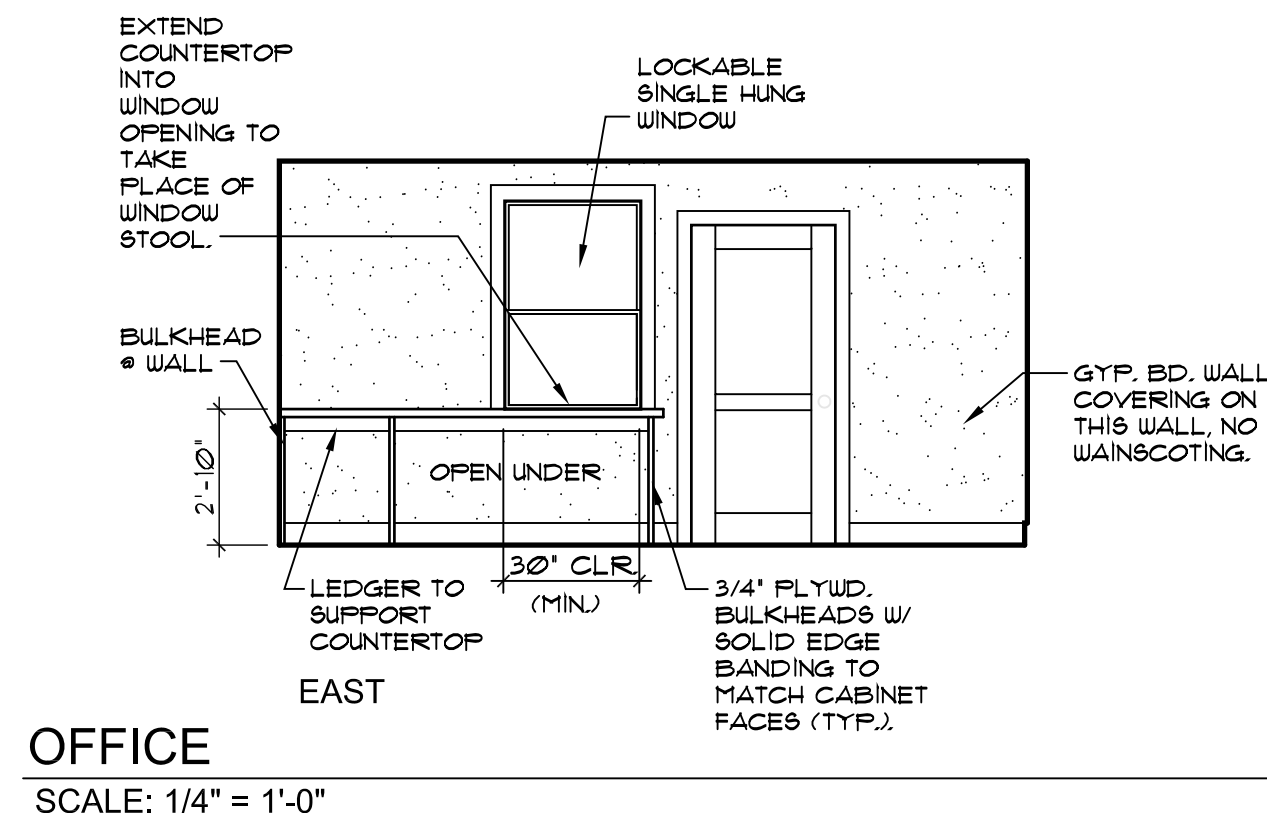
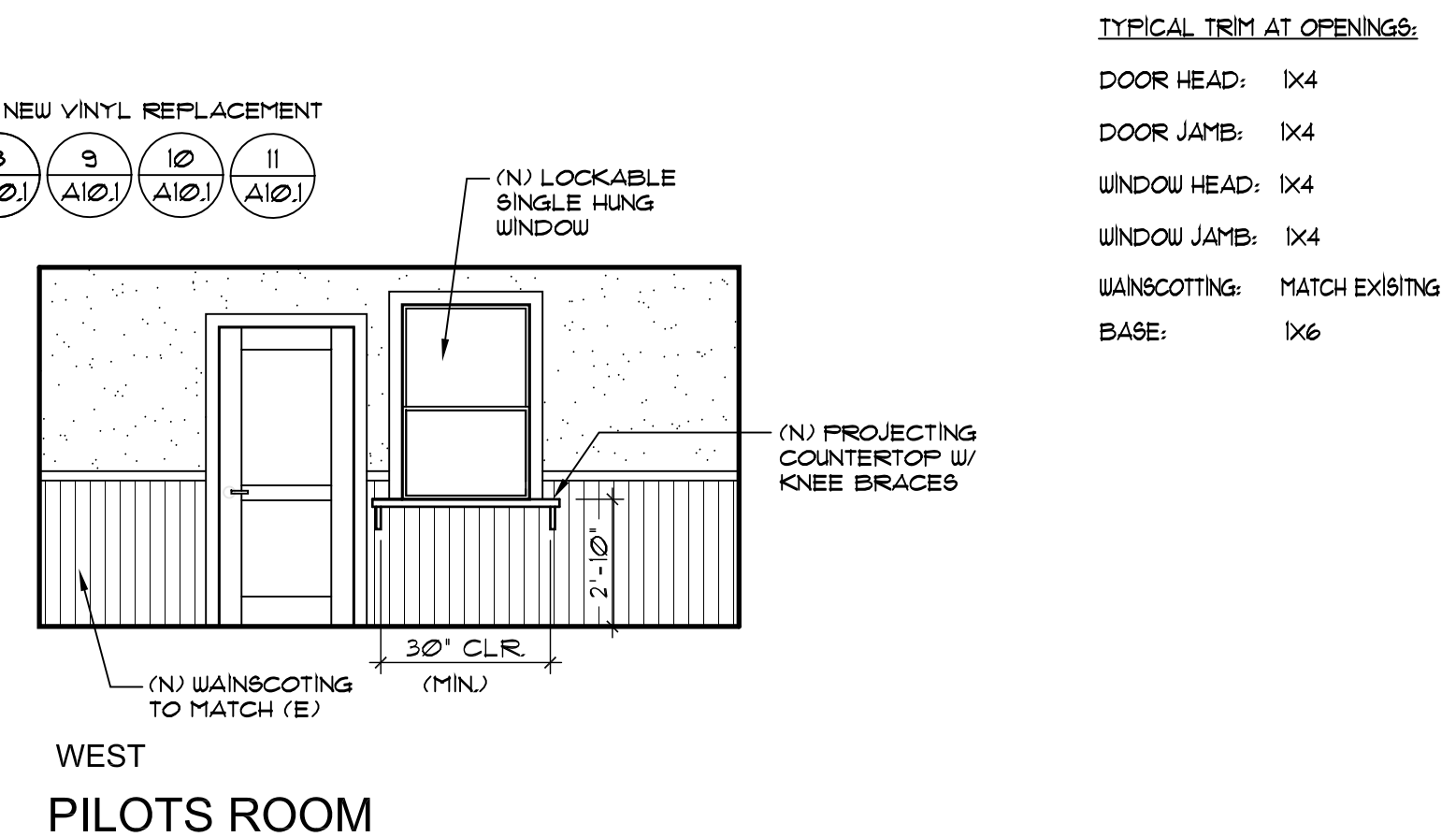
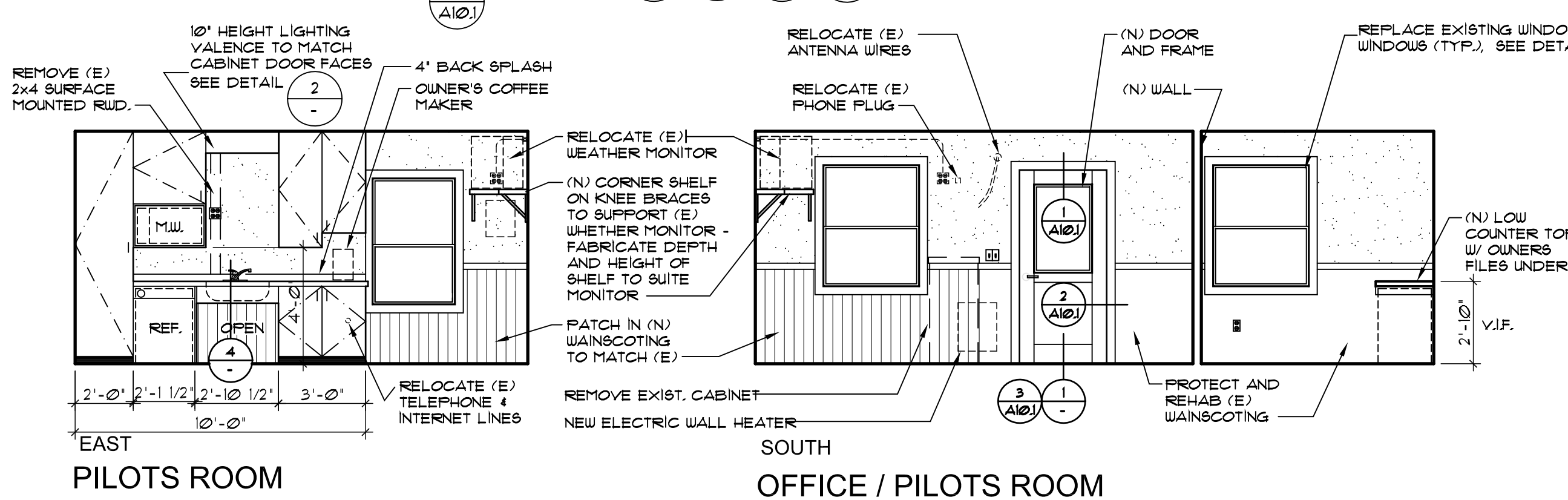
A5.3

OF SHEETS



TYPICAL INTERIOR FINISH NOTES:

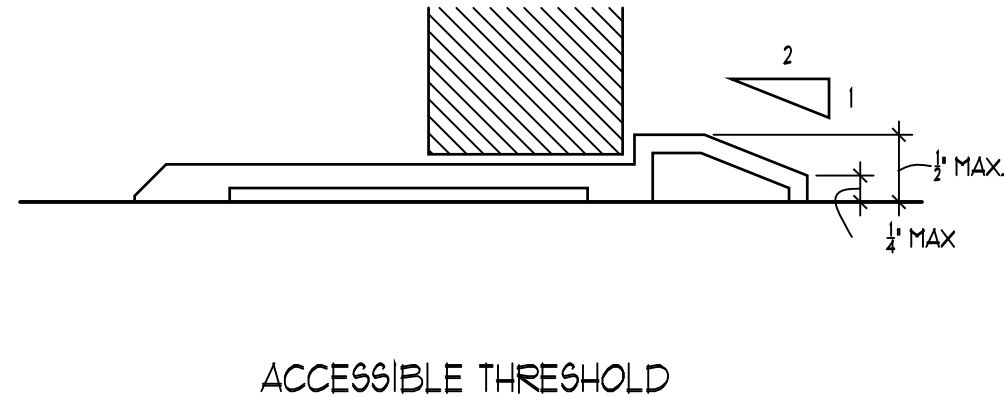
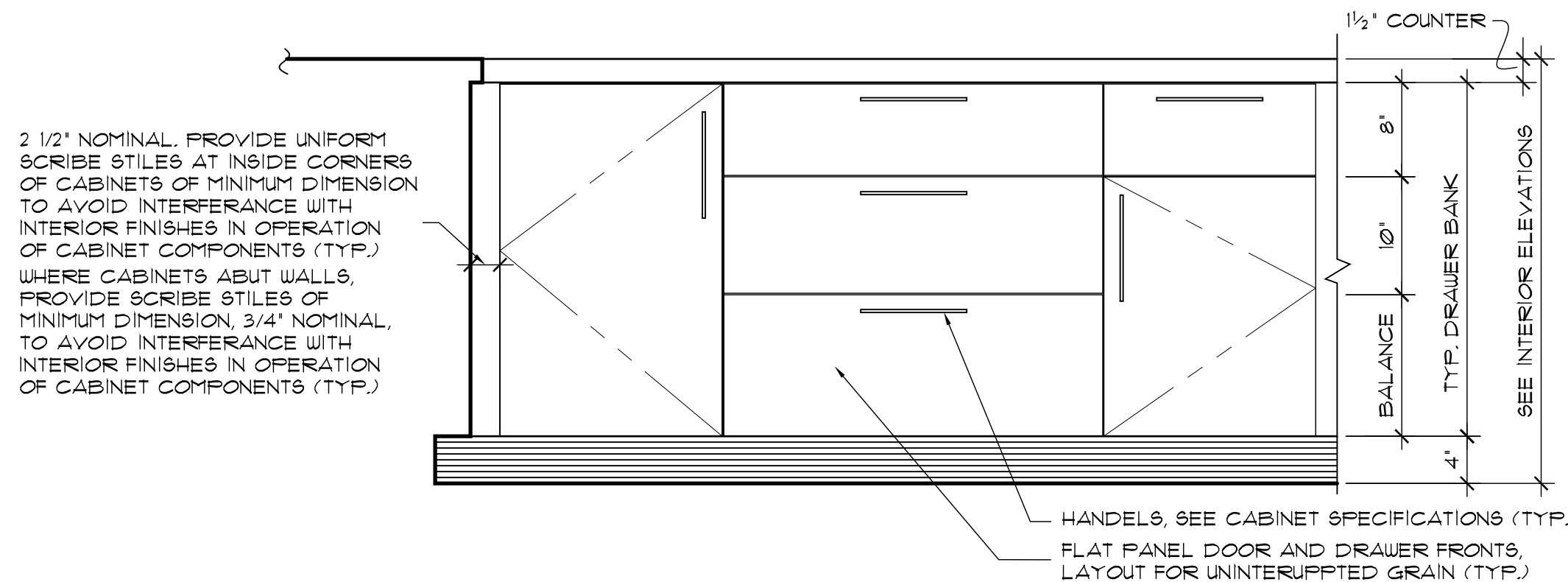
FOR ACCESSIBILITY REQUIREMENTS AND SIGNAGE AT DOORS, SEE DETAILS (5) (6) (7) (1) (12) (A101) (A101) (A101) (A101)



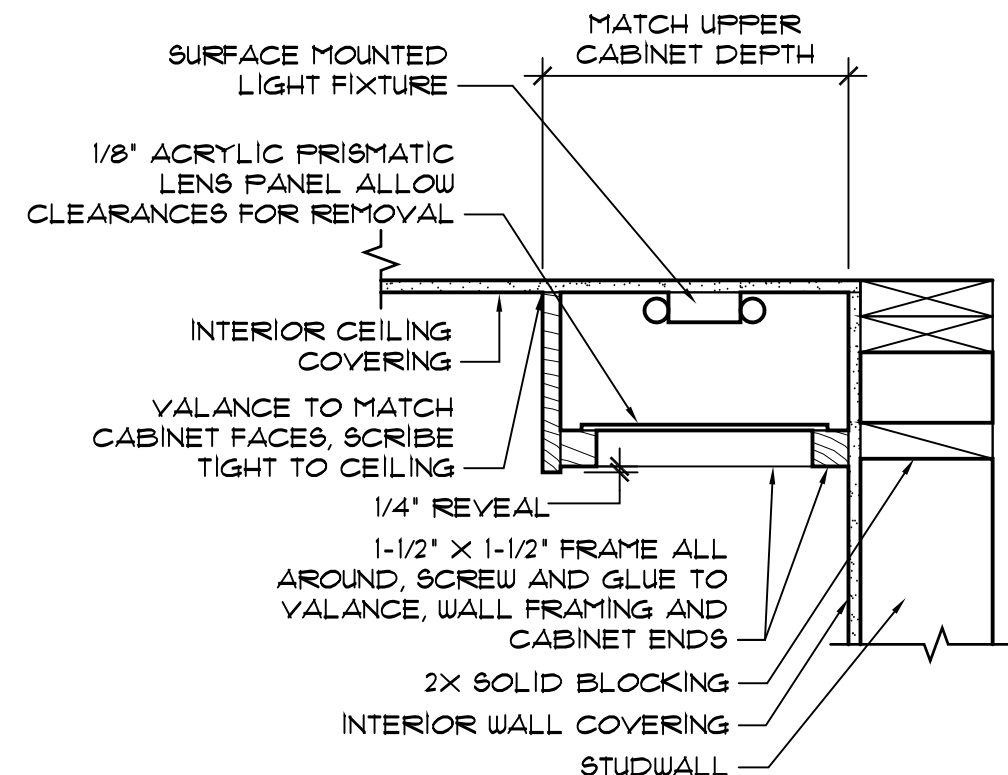
INTERIOR ELEVATIONS

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

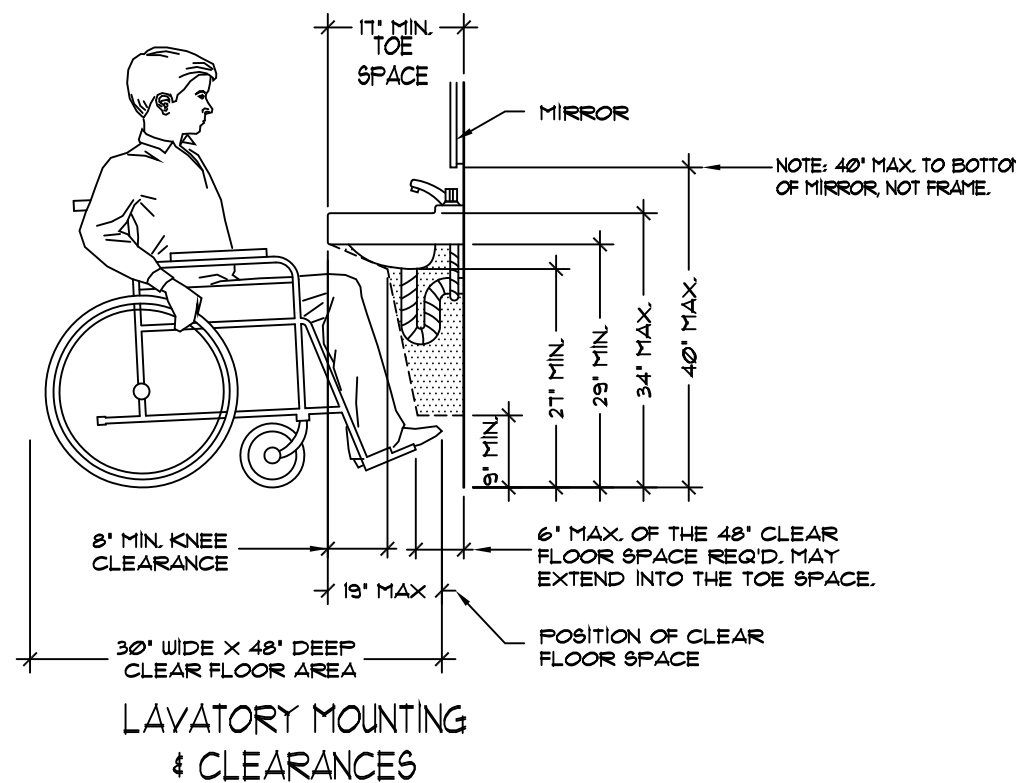
CUSTOM CABINET SPECIFICATIONS	
GENERAL:	CABINETS SHALL COMPLY WITH THE WOODWORK INSTITUTE OF CALIFORNIA PREMIUM GRADE SPECIFICATIONS OF CONVENTIONAL CASE WORK.
DESCRIPTION:	EUROPEAN STYLE, FLUSH OVERLAY FACES & DRAWER FRONTS TO BE SELF-EDGED PLASTIC LAMINATE OVER INDUSTRIAL GRADE PARTICLE BOARD SUBSTRATE.
CASES:	3/4" (MIN.) EUROPEAN STYLE, FLUSH OVERLAY FACES & DRAWER FRONTS TO BE SELF-EDGED PLASTIC LAMINATE OVER INDUSTRIAL GRADE PARTICLE BOARD SUBSTRATE.
DRAWERS:	DRAWERS: EUROPEAN STYLE, INDUSTRIAL GRADE PARTICLE BOARD DRAWER BODIES WITH LOCKING JOINTS AND DOUBLE FACED KORTRON FINISH. FLUSH OVERLAY FACES & DRAWER FRONTS TO BE SELF-EDGED PLASTIC LAMINATE OVER INDUSTRIAL GRADE PARTICLE BOARD SUBSTRATE.
SHELVES:	3/4" (MIN.) SELF-EDGED PLASTIC LAMINATE OVER HARDWOOD PLYWOOD SUBSTRATE. ADJUSTABLE W/ LET IN SUPPORT STANDARDS
FINISH:	SEE INTERIOR ROOM FINISH SCHEDULE
DOORS, PULLOUT TRAYS, LARGE DRAWERS:	FLUSH OVERLAY FACES & DRAWER FRONTS TO BE SELF-EDGED PLASTIC LAMINATE OVER INDUSTRIAL GRADE PARTICLE BOARD SUBSTRATE. DRAWERS: EUROPEAN STYLE, INDUSTRIAL GRADE PARTICLE BOARD DRAWER BODIES WITH LOCKING JOINTS AND DOUBLE FACED KORTRON FINISH.
HARDWARE:	
A. GLIDES:	SIDE MOUNTED FULL EXTENSION, HEAVY DUTY (RATED FOR EACH DRAWER). MANUFACTURERS: BLUM, GRASS OR ACCURIDE.
B. HINGES:	FULLY CONCEALED, FULL OVERLAY AT CORNERS, 1/2 OVERLAY AT BULKHEADS, 120 DEGREE OPENING, MANUFACTURERS: SALICE, BLUM, GRASS OR ACCURIDE.
C. PULLS:	SUGITSUNE # 50F-690 3" LONG STAINLESS STEEL PULLS (TYP.) USE 6" LONG PULLS AT DRAWER FACES NARROWER THAN 13" WIDE.
COUNTERTOPS:	SEE INTERIOR ROOM FINISH SCHEDULE
SPLASH:	SEE INTERIOR ROOM FINISH SCHEDULE
TOE KICK:	PLASTIC LAMINATE, BLACK COLOR
FINISH:	SEE INTERIOR ROOM FINISH SCHEDULE



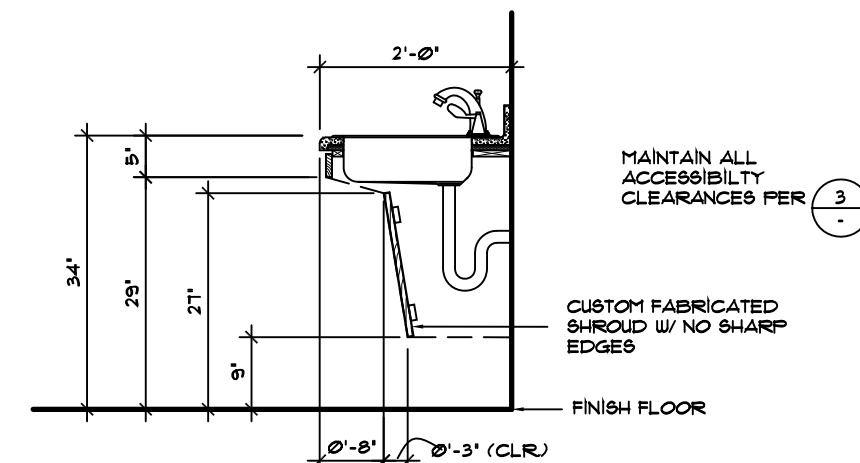
ACCESSIBLE THRESHOLD



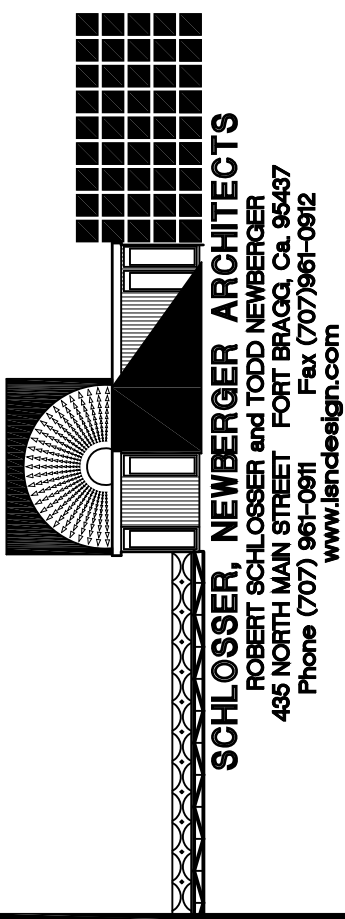
2 LIGHTING VALENCE



3 SINK MOUNTING CLEARANCES

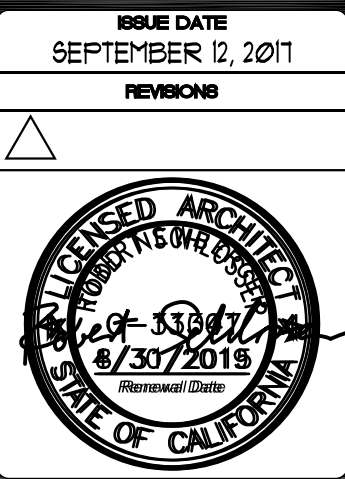


4 SINK CABINET

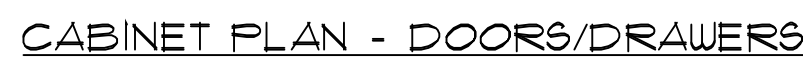
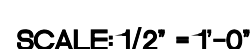
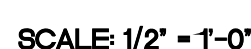
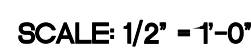
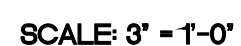


INTERIOR ELEVATIONS

TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456



DRAWN	RA
CHECKED	RS
SCALE	1/4" = 1'-0"
SHEET	
A7.1	
OF	SHEETS



SECTION 16821 - INTEGRATED FIRE
ALARM and SMOKE DETECTION
SYSTEM

PART 1 - GENERAL

1. THIS SECTION includes all Fire Alarm Systems and related work, where shown on the Drawings, as specified herein, and as needed for a complete and proper installation.
2. QUALITY ASSURANCE:
- A. California Building Code most recent edition with most recent state and local amendments.
- B. California Plumbing Code, most recent edition with most recent state and local amendments.
- D. California Mechanical Code, most recent edition with most recent state and local amendments.
- E. California Electric Code, most recent edition with most recent state and local amendments.
- F. California Fire Code, most recent edition with most recent state and local amendments.
- A. Meet all requirements for NFPA 72 Fire Alarm System.
- H. Energy Requirements: All materials and workmanship shall comply with the most recent editions of the California Code of Regulations, Title 24 (California Building Standards Code) with current State and local amendments and the most recent edition of the Building Energy Efficiency Standards published by the California Energy Commission.
- I. Accessibility Requirements: All materials and workmanship shall comply with the all requirements for accessibility as set forth in the most recent editions of the California Code of Regulations, Title 24 (California Building Standards Code) with current State and local amendments and the most recent edition of the Federal Americans with Disabilities Act in effect at the time of construction.
3. SUBMITTALS:
- A. Provide manufacturer's Literature describing all manufactured products proposed for inclusion in the Work of this Section.
- B. SHOP DRAWINGS: Submit shop drawings fully describing the scope of the proposed work to be provided under this Section. Submit four copies of shop drawings showing details of all components of the Fire Alarm system. Manufacturer's standard drawings are acceptable except for non-standard features such as spatial zoning, control systems, coordination with other trades and required clearance to equipment.
1. WIRING LAYOUT: Submit layout diagram showing sizes, connection details, support brackets, and layout of all wiring that is a part of the Fire and Intrusion Alarm system.
- B. SUBMIT all instruction books, warranties, and parts listed to the Owner prior to final acceptance.
4. GENERAL INFORMATION
- C. This is a Performance Specification for Design and Installation of a complete Integrated Fire Alarm and Smoke Detection System. Locations of sensors, detectors, pull stations and alarms are the responsibility of the Alarm System Contractor. Final installed system, shall include all items necessary to obtain Code compliance.
- D. The installer shall be trained, properly licensed and experienced in the installation of Fire and Intrusion Alarm systems. It is the installer's responsibility to assure the system functions properly, safely, and meets all local, state and regional codes.
- E. Installer to supply and install all materials shown on this plan and all others needed to complete this Fire and Intrusion Alarm system. Also, provide any incidental work not shown or specified, which can be reasonably inferred as belonging to the work necessary to provide the complete system. Include all such items in Shop Drawing submittal.
5. JOB CONDITIONS
- F. Site Conditions: Examine the site and all mechanical, electrical, architectural and other drawings and verify all field conditions that will affect the Work. Make allowances for all such conditions in preparing the bid.
- G. Restoration of Damage: repair or replace, as directed by architect, materials and parts of premises that become damaged as a result of installation of work of this Section.

PART 2 - PRODUCTS

- 2.1. Provide all products required for a complete system as approved by all government agencies having jurisdiction over the Project and as required for a complete and proper installation.
- 2.2. PERFORMANCE CRITERIA: This is a performance specification written for design and installation of a State of California Fire Marshall approved and NFPA 72 approved Integrated Fire Alarm and Smoke Detection System. Pull Stations, Audible and Visual Alarms shall meet the requirements of the ADA and CBC. Contractor shall prepare plans and calculations and obtain approval from the Fire Marshall having jurisdiction over the project prior to commencing with the Work, Contractor shall present approved plans to the Owner and to the Mendocino County Department of Planning and Building Services prior to commencing with the Work.
- 2.3. FIRE ALARM AND SMOKE DETECTION SYSTEM COMPONENTS
- H. In addition to complying with all code regulations, meet all requirements of Electrical Notes on sheet E2.1.
- I. All wiring for alarm system shall be concealed where possible.
- J. Provide integrated FACP and IACP control panel with separate readouts for each detection component type.

PART 3 - EXECUTION

- 3.1. DISCREPENCIES
- K. In the event of discrepancy, immediately notify the Architect.
- L. Do not proceed with the installation in areas of discrepancies until all such discrepancies have been fully resolved.
- 3.2. GENERAL
- M. Installation to follow all applicable state and local building codes and to be installed following conventional practice for Integrated Fire Alarm and Smoke Detection Systems.
- 3.3. INSTALLATION
- N. Provide all products required for a complete system as approved by all government agencies having jurisdiction over the project and as required for a complete and proper installation. Written approval of the installed and tested system by the Fire Marshall in charge shall be presented to the Owner at the conclusion of the job. Delivery of the signed off permit by the Contractor shall be a requirement necessary for the issuance of the Certificate of Substantial Completion.
- B. For all manufactured products, follow manufacturer's installation instructions and details as specifically modified by the Drawings and Specifications using materials and methods described in the installation instructions. Contractor shall provide any and all fasteners, hardware, mounting devices, brackets, valves, special fittings, or other specialty items called for in the installation instructions in order to assure proper installation. The Contractor shall provide, at no additional cost all such items required by the installation instructions.
- 3.4. WARRANTIES: At the conclusion of the job, deliver to the Owner full manufacturer's warranties for all manufactured products used in the Work. It is the responsibility of the Contractor to contact manufacturer's representatives and to register the product purchases and installations. Warranties shall be registered in the Owner's name. Delivery of completed warranty papers shall be a requirement necessary for the issuance of the Certificate of Substantial Completion.
- 3.5. COORDINATE installation and connection of the Work with other affected trades.
- 1.6. TEST, ADJUST and balance system for proper operation.

VISUAL / AUDIBLE ALARMS:

GENERAL:

- I. IF EMERGENCY WARNING SYSTEMS ARE PROVIDED OR REQUIRED, THEN THEY SHALL INCLUDE BOTH AUDIBLE ALARMS AND VISUAL ALARMS. IF EMERGENCY WARNING SYSTEMS ARE PROVIDED OR REQUIRED, AT A MINIMUM, VISUAL SIGNAL APPLIANCES SHALL BE PROVIDED IN BUILDINGS AND FACILITIES IN EACH OF THE FOLLOWING AREAS:
1. RESTROOMS
 2. CORRIDORS
 3. MULTIPURPOSE ROOMS
 4. MEETING ROOMS
 5. ANY OTHER AREA FOR COMMON USE
- NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 50' FROM THE SIGNAL (HORIZONTAL DISTANCE). IF LARGE ROOMS AND SPACES EXCEEDING 100' ACROSS, WITHOUT OBSTRUCTIONS 6' ABOVE THE FINISH FLOOR, SUCH AS AUDITORIUMS, DEVICES MAY BE PLACED AROUND THE PERIMETER, SPACED A MAXIMUM OF 100' APART, IN LIEU OF SUSPENDING THE M FROM THE CEILING.
- VISUAL ALARMS:
1. THE ALARM IS INTEGRATED INTO THE BUILDING OR FACILITY ALARM SYSTEM.
- NOTE: IF SINGLE STATION AUDIBLE ALARMS ARE PROVIDED, THEN SINGLE STATION VISUAL ALARMS SHALL BE PROVIDED.
2. LAMP IS A XENON STROBE TYPE OR EQUIVALENT.
3. THE COLOR IS CLEAR AND NOMINAL WHITE (UNFILTERED) OR CLEAR FILTERED WHITE LIGHT.
4. THE MAXIMUM PULSE DURATION IS TWO TENTHS OF ONE SECOND (0.2 SEC) WITH A MAXIMUM DUTY CYCLE OF 40 PERCENT.
- NOTE: THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL POINTS OF 10 PERCENT OF MAXIMUM SIGNAL.
5. THE INTENSITY IS A MINIMUM OF 15 CANDELA.
6. THE FLASH RATE IS A MINIMUM OF 1 HZ AND A MAXIMUM OF 3 HZ.
7. THE APPLIANCE IS PLACED 80' ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6' BELOW THE CEILING, WHICHEVER IS LOWER.
- NOTE: SEE GENERAL NOTES FOR LARGE ROOM EXCEPTION.

AUDIBLE ALARMS:

1. AUDIBLE EMERGENCY ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PREVAILING EQUIVALENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 dBA OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 60 SECONDS BY 5 dBA, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 dBA.
2. AUDIBLE EMERGENCY ALARMS MEET APPLICABLE REQUIREMENTS.

SECTION 10400 - IDENTIFYING DEVICES

PART 1 - GENERAL

- THIS SECTION includes all IDENTIFYING DEVICES where shown on the Drawings, as specified herein, and as required by governmental agencies having jurisdiction, and as needed for a complete and proper installation.
12. QUALITY ASSURANCE:
- A. Building Code: California Building Code most recent edition with current state and local amendments.
- B. Electrical Code: California Electrical Code most recent edition with current state and local amendments.
- C. Fire Code: California Fire Code most recent edition with current State and local amendments.
- D. Handicapped Accessibility Requirements: The proposed facility shall conform to all requirements for handicapped accessibility as set forth in the editions of the Title 24 Handicapped Accessibility Standards of the California Administrative Code, and the Federal Americans with Disabilities Act in effect at the time of construction.
- E. Energy Requirements: All materials and workmanship shall comply with the most recent editions of the California Code of Regulations, Title 24 (California Building Standards Code) with current State and local amendments and the most recent edition of the Building Energy Efficiency Standards published by the California Energy Commission.
13. SUBMITTALS:
- F. Provide Manufacturer's Literature describing all new manufactured products proposed for inclusion in the Work of this Section.
- G. Samples: Provide one full size sample of each type of Identifying Device specified in this Section depicting size, lettering and color. Obtain approval of Architect prior to fabricating Identifying Devices.

PART 2 - PRODUCTS

- 2.1. GENERAL:
- H. When new or additional signs and/or identification devices are provided, or when existing signs and/or identification devices are replaced or altered, the new or altered signs and/or identification devices shall comply as detailed.
- I. All signs shall conform to the regulations concerning character proportion, pictograms, finish and contrast, and illumination levels and all other requirements contained in the Federal Americans with Disability Act.
- J. All Handicapped Accessible spaces shall display the international symbol of accessibility in the size, location, and position required by the above referenced Handicapped Accessibility Standards.
- K. Type Style: Helvetica Medium
- L. Message Type Size: Conform to the regulations contained in the above referenced Handicapped Accessibility Standards as indicated in the drawings.
- M. Numeral Type Size: Conform to the regulations contained in the above referenced Handicapped Accessibility Standards or as indicated in the drawings.
- N. Plaque color: Blue, equal to color No. 15090 in Federal Standard 595b.
- O. Type or numeral color: White.
- P. Sign material: Plastic
- Q. Mounting: Double-sided 1/32" thick vinyl tape, silastic adhesive, or screw mounting, depending on mounting surface.
- R. The International Symbol of Accessibility shall be the standard used to identify facilities that are accessible to and usable by individuals with disabilities. Elements and spaces of accessible facilities which shall be identified by the International Symbol of Accessibility are:
1. Accessible parking spaces.
 2. Accessible building entrance.
 3. Accessible sanitary facilities.
- S. Color of Symbol: The International Symbol of Accessibility shall consist of a white figure on a blue background. The blue shall be equal to color No. 15090 in Federal Standard 595b.
- T. SIGNAGE AND STRIPPING AT ACCESSIBLE PARKING SPACES: Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of the International Symbol of Accessibility and have required surface stripping.
- U. Exterior route signage leading to entrances: At every primary public entrance and at every major junction along or leading to an accessible route of travel, there shall be a sign displaying the international symbol of accessibility. Signs shall indicate the direction to accessible building entrances and facilities and shall comply with the requirements for directional and informational signage. See applicable requirements below.
- V. Entrance signs: All building entrances that are accessible to and usable by persons with disabilities shall be identified with at least one International Symbol of Accessibility and with additional directional signs, utilizing the symbol, at junctions, to be visible to persons along approaching pedestrian ways.
- W. INFORMATION POSTED: Buildings that have been remodeled to provide specific sanitary facilities and/or elevators for public use that conform to these building standards shall have this information posted in the building lobby, preferably as part of the building directory. This information shall contain the International Symbol of Accessibility.
- X. SANITARY FACILITIES SIGNAGE: When a building contains special toilet facilities usable by a person in a wheelchair or otherwise handicapped, a sign indicating the location of such facility shall be posted in the building directory, in the main lobby, or at any entrance specially used by handicapped persons.
- Y. TRAFFIC-CONTROL DEVICES: Pole-supported pedestrian traffic-control buttons shall be identified with color coding consisting of a textured horizontal yellow band 2 inches in width encircling the pole, and a 1-inch-wide dark border band above and below this yellow band. Color coding should be placed immediately above the control button. Control buttons shall be located no higher than 48 inches above the surface adjacent to the pole.

2.2. SITE ENTRANCE SIGNAGE:

- A. Warning signage regarding unauthorized use of disabled parking spaces shall be posted conspicuously at each entrance to off-street parking facilities, or immediately adjacent to and visible from each stall or space.
- B. Warning signage shall state: "Unauthorized vehicles parking in designated accessible spaces not displaying distinguishing placards or special license plates issued for persons with disabilities may be towed away at owner's expense. Towed vehicles may be reclaimed at (to be determined) by telephoning (to be determined)".
- C. Blank spaces on sign shall be filled in with appropriate information as a permanent part of the sign.
- D. Size of lettering on signage is a minimum of 1" in height.
- E. Sign(s) is not less than 17" x 22" in size.

2.3. SIGNAGE AND STRIPPING AT ACCESSIBLE PARKING SPACES:

- A. Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space. Sign shall consist of the International Symbol of Accessibility.
- B. Area of the sign(s) shall not less than 70 square inches.
- C. When posted in a path of travel, the bottom of the sign shall be 80" minimum from the parking space finished grade.

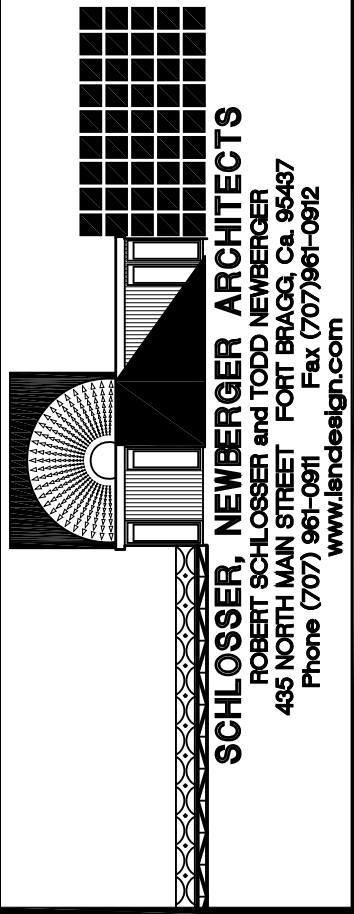
- D. When wall mounted, sign is centered on the wall at the interior end of the parking space at a minimum of 36" from the parking space finished grade, ground or sidewalk.
- E. There shall be an unobstructed view of the sign from the parking space.
- F. Van accessible parking spaces shall have an additional sign mounted below the International Symbol of Accessibility that states "VAN ACCESSIBLE."
- G. There shall be an additional sign mounted below the International Symbol of Accessibility that states "MINIMUM FINE \$250".
- H. STRIPPING: The surface of each accessible parking space shall have a surface identification duplicating either of the following schemes:
1. By outlining or painting the stall or space in blue and outlining on the ground in the stall or space in white or suitable contrasting color a profile view depicting a wheelchair with occupant (the International Symbol of Accessibility.)
 2. By outlining a profile view depicting a wheelchair with occupant (the International Symbol of Accessibility) in white on blue background. The profile view shall be located so that it is visible to a traffic enforcement officer when a vehicle is properly parked in the space and shall be 36" high by 36" wide.
 3. The words "NO PARKING" shall be painted in white on the ground within each access aisle. "NO PARKING" letters shall be a minimum of 12" high and visible to traffic enforcement officials.

2.4. OTHER SIGNAGE:

- A. Provide additional signs as directed by the Owner, where shown on the Drawings, as specified herein, as required by governmental agencies having jurisdiction, and as needed for a complete and proper installation.

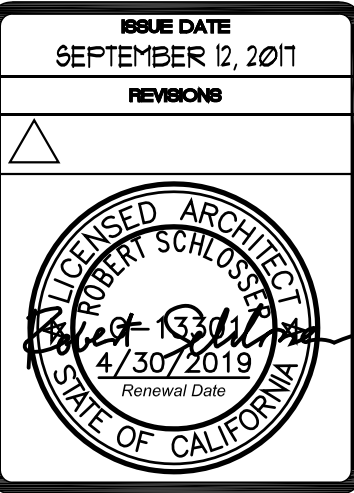
PART 3 - EXECUTION

- 3.1. INSTALLATION: For all manufactured products, follow manufacturer's installation instructions and details as specifically modified by the Drawings and Specification using materials and methods described in the installation instructions. Contractor shall provide any and all fasteners, hardware, mounting devices, brackets, valves, special fittings, or other specialty items called for in the installation instructions in order to assure proper installation. All such items required by the installation instructions shall be provided by the Contractor at no additional cost to the Owner.
- 3.2. MOUNT all signs firmly into position, level, plumb and square with all surfaces to which they are attached.
- 3.3. WARRANTIES: At the conclusion of the job, the Contractor shall deliver to the Owner full Manufacturer's warranties for all manufactured products used in the Work. It is the responsibility of the Contractor to contact manufacturer's representatives and to register the product purchases and installations. Warranties shall be registered in the Owner's name. Delivery of completed warranty papers shall be a requirement necessary for the issuance of the Certificate of Substantial Completion.



SPECIFICATIONS

TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456



DRAWN
RS
CHECKED
SCALE
AS NOTED
SHEET
A10.2
OF SHEETS

ELECTRICAL

1. ALL WORK SHALL COMPLY WITH THE MOST RECENT EDITION OF THE CALIFORNIA BUILDING CODE, CA ELECTRICAL CODE, CA ENERGY CODE, AND CEC BUILDING ENERGY EFFICIENCY STANDARDS WITH CURRENT STATE AND LOCAL AMENDMENTS AND THE MOST RECENT EDITION OF THE FEDERAL AMERICANS WITH DISABILITIES ACT IN AFFECT AT THE TIME OF CONSTRUCTION.
2. ELECTRICAL SERVICE SHALL BE SIZED TO LOAD AS PER THE REQUIREMENTS OF THE NEC. CONTRACTOR SHALL SUBMIT THE ELECTRICAL SCHEDULE FOR REVIEW AND APPROVAL BY THE ARCHITECT PRIOR TO COMMENCING WORK.
3. NUMBER BESIDE ELECT. SYMBOL INDICATES HEIGHT TO BOTTOM OF OUTLET BOX FROM FINISH FLOOR IN INCHES. WHEN NO NUMBER IS GIVEN TELEPHONE OUTLETS AND PLUGS ARE 3' MEASURED FROM THE BOTTOM OF THE RECEPTACLE HOUSING TO THE FINISH FLOOR. AND SWITCHES ARE 48" TO THE TOP OF THE BOX. CONVENIENCE OUTLETS LOCATED ABOVE COUNTERS OR LAVATORIES ARE DESIGNATED WITH THE LETTERS "CT" UNLESS NOTED OTHERWISE. WHERE OUTLETS LOCATED AT BACKLASHES CONTRACTOR SHALL VERIFY HEIGHT OF BACKSLASH AND INSTALL OUTLETS SO THEY ARE MOUNTED ABOVE TOP OF BACK SPLASH WITH 12" CLEARANCE FROM BOTTOM OF COVER PLATE TO TOP OF BACK SPLASH. OBTAIN APPROVAL OF ARCHITECT IN FIELD FOR ALL OUTLETS LOCATED AT COUNTERTOP AREAS. WHERE OUTLETS ARE IN AREAS DESIGNATED FOR MIRRORS CAREFULLY CUT OUT MIRRORS TO ACCOMMODATE OUTLETS AND USE MIRROR COVER PLATES AT ALL LOCATIONS WHERE ELECTRICAL WORK IS SPECIFIED. CONTRACTOR SHALL VERIFY LOCATION OF ALL TRADES WORK, INCLUDING BUT NOT LIMITED TO DRAWERS, PULLOUTS OR SPECIAL HARDWARE, COUNTERTOPS AND BACK SPLASHES, WOOD TRIM OR OTHER FINISHES. ADJUST LOCATIONS OF OUTLETS AND/OR MOUNT BOXES HORIZONTALLY IN ORDER TO AVOID INTERFERENCE OF COVER PLATE WITH ANY OF THESE ITEMS.
4. OBTAIN OWNER'S APPROVAL, IN THE FIELD, FOR LOCATION OF ALL SWITCHES, OUTLETS & J-BOXES FOR LIGHTING PRIOR TO RUNNING WIRES FOR CIRCUITS. OWNER WILL VERIFY LOCATION AND HEIGHT OF ALL ELECTRICAL BOXES.
5. ALL RECEPTACLES, SWITCHES, AND PLATES SHALL BE COLOR COORDINATED. ARCHITECT SHALL PICK COLOR AND TYPES FROM GLASSO SERIES BY LITTON ELECTRONICS CO. INC. WHERE NO COLOR IS SELECTED, ELECTRICAL SHALL USE WHITE. ALL DIMMER SWITCHES SHALL BE 20V/100W DIMMER SWITCHES BY LITTON ELECTRONICS CO. INC. OR EQUAL. DIMMER SWITCHES SHALL BE SIZED FOR LOAD.
6. PROVIDE GROUND FAULT INTERRUPTER CIRCUITS PER REQUIREMENTS OF THE CA. ELECTRICAL CODE ON ALL EXTERIOR OUTLETS AND ON ALL OUTLETS WITHIN 6 FEET OF A SINK AND AT ALL BRANCH CIRCUITS OVER 150 VOLT TO GROUND. ALL GFI RECEPTACLES SHALL BE IN READILY ACCESSIBLE LOCATIONS.
1. ALL EQUIPMENT, MATERIALS, AND FIXTURES SHALL BE THERMALLY PROTECTED AND SHALL BEAR UL LABEL RATING. ALL EXTERIOR COMPONENTS AND THOSE IN BATHROOM AREAS SHALL BE THERMALLY PROTECTED AND SHALL BEAR UL LABEL RATING FOR DAMP LOCATIONS.
8. CIRCUITS: CONTRACTOR SHALL PROVIDE A SEPARATE CIRCUIT TO ROOMS PER THE FOLLOWING SCHEDULE:
- PILOTS LOUNGE: TWO SEPARATE CIRCUITS MINIMUM.
- BATHROOM: ONE SEPARATE CIRCUIT MINIMUM.
- OFFICE: TWO SEPARATE CIRCUITS MINIMUM.
9. ALL WIRE AND CABLE SHALL BE INSULATED COPPER CONDUCTORS FOR WIRE SIZES SIZE OF WIRE: #12/ALU, MINIMUM PROVIDE LOW VOLTAGE WIRES AS REQUIRED BY CEC. ALL WIRING SHALL BE RUN IN CONDUIT OR ARMORFLEX (TYP) ROXHEX WIRING IS NOT APPROVED FOR USE IN THIS PROJECT.
10. ALL TELEPHONE CABLE SHALL BE CATEGORY SIX TYPE WIRING.
11. TELEPHONE SYSTEM SHALL PROVIDE A MINIMUM OF 8 SEPARATE LINES AT THE TELEPHONE SERVICE BOX ENTRANCE TO THE BUILDING. INTERIOR TELEPHONE CABLEING SHALL PROVIDE CAPACITY FOR 4 TELEPHONE JACKS. CONTRACTOR SHALL PROVIDE A TELEPHONE PANEL BOX LOCATED IN THE BUILDING WHERE ANY OF THE 8 INCOMING LINES MAY BE ROUTED TO A SPECIFIC JACK.
12. WHERE COVE VALENCE OR STRIP LIGHTS ARE CALLED FOR PROVIDE LIGHTS IN EACH LOCATION OR MAXIMUM LENGTH WHICH CAN FIT IN THE SPACE SHOWN. PROVIDE MULTIPLE LIGHTS END TO END TO MAKE THE LIGHTING CONTIGUOUS THE FULL LENGTH OF THE VALENCE OR CABINET RUN AS INDICATED ON DRAWINGS. WHERE FLUORESCENT LIGHTING IS USED, TUBES SHALL BE IN THREE FOOT LENGTHS MAXIMUM.
13. PROVIDE CO FILL TUBE, FIRE WIRE FROM BATTERY OR CABLE FEED. INSTALL SEPARATE RUNS FROM SATELLITE DISH RADIO OR CABLE FEED TO OUTLETS AS SHOWN ON PLANS. WIRING TO THESE BOXES SHALL BE COAXIAL CABLE AND CONDUITS AS RECOMMENDED BY SATELLITE DISH MANUFACTURER RADIO EQUIPMENT MANUFACTURER OR CABLE COMPANY.
14. SEE NOTES ON FRAMING PLAN PERTAINING TO LIGHTING AND FIXTURE LOCATIONS. IDENTIFY LOCATION OF ALL ELECTRICAL APPLIANCES AND LIGHT FIXTURES ON SHEETROCK AND AFTER FRAMING, ADHERE TO EXACT LOCATIONS OF ELECTRICAL FINISH ITEMS SHOWN ON PLANS.
15. PROVIDE COMBINATION SMOKE / CARBON MONOXIDE DETECTORS IN EACH ROOM AND AT HIGHEST LOCATION POSSIBLE AND AT ALL LOCATIONS REQUIRED BY APPLICABLE CODES. WHERE SMOKE/CARBON MONOXIDE DETECTORS ARE SHOWN ON THE PLANS, LOCATE COMBINATION SMOKE / CARBON MONOXIDE DETECTORS AT POSITION INDICATED. AT REQUIRED LOCATIONS NOT INDICATED ON PLANS, CONTRACTOR SHALL PROVIDE SMOKE / CO DETECTORS AND OBTAIN APPROVAL FROM ARCHITECT FOR LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL SUPPLY ALL REQUIRED SMOKE/CARBON MONOXIDE DETECTORS AS A PART OF THE BASE BID. WHERE SMOKE/CARBON MONOXIDE DETECTORS HAVE BEEN INSTALLED AT LOCATIONS NOT APPROVED BY THE ARCHITECT, CONTRACTOR SHALL RELOCATE SMOKE/CARBON MONOXIDE DETECTOR TO AN APPROVED LOCATION AT NO COST TO THE OWNER. ALL COMBINATION SMOKE/CARBON MONOXIDE DETECTORS SHALL BE 120V HARD-WIRED WITH BATTERY BACKUP POWER AND SHALL BE INTERCONNECTED, SO THAT IF ONE SMOKE / CO DETECTOR GOES OFF, THEY ALL GO OFF.
16. UNLESS NOTED OTHERWISE SUPPLY THE FOLLOWING EXHAUST FAN PRODUCTS WHERE SPECIFIED ON THE PLANS:
- FAN ONLY: BROADBENT® EXHAUST FAN WITH BROAD 660U DECORATOR SERIES SINGLE-FUNCTION SWITCH TO PROVIDE 3 AIR CHANGES PER HOUR (MIN) IN THE SPACE VENTILATED.
- FAN/LIGHT COMBINATION: BROAD QTX180FL WITH BROAD 660U DECORATOR SERIES THREE-FUNCTION SWITCHES TO PROVIDE 3 AIR CHANGES PER HOUR (MIN) IN THE SPACE VENTILATED.
- FAN/LIGHT/HEATER: BROAD QTX180FLH WITH BROAD 660U DECORATOR SERIES THREE-FUNCTION SWITCH FOR FAN, LIGHT AND NIGHT-LIGHT AND BROAD 660U 60-MINUTE TIME CONTROL FOR HEATER TO PROVIDE 3 AIR CHANGES PER HOUR (MIN) IN THE SPACE VENTILATED.
17. ALL ETHERNET WIRING SHALL BE CATEGORY TYPE 6'. SEPARATE ETHERNET WIRING FROM ELECTRICAL WIRING BY 6" MIN. DO NOT RUN ETHERNET WIRING PARALLEL TO ELECTRICAL WIRING.
18. DO NOT INSTALL ELECTRICAL PANELS LARGER THAN 100 SQ. IN. FIRE WALLS. NEVER INSTALL ELECTRICAL PANELS IN CLOSETS. MAINTAIN A MINIMUM CLEARANCE OF 36" IN FRONT OF ALL PANELS.
19. SWITCH BOXES, RECEPTACLE BOXES AND ELECTRICAL BOXES IN GENERAL ON OPPOSITE SIDES OF A FIREWALL CAN NOT BE IN THE SAME BAY (STUD SPACE) AND MUST BE OFFSET A MINIMUM OF 24" FROM EACH OTHER.
20. SEE TITLE 24 ENERGY COMPLIANCE DOCUMENTATION SHEET T24, FOR MANDATORY LIGHTING REQUIREMENTS.
21. ARC-FAULT CIRCUIT-INTERUPTION (AFCI) PROTECTION:
- ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DUELLING UNITS: KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DINES, BEDROOMS, SUNROOMS, RECREATION ROOM, CLOSETS, HALLWAYS, LAUNDRY AREAS OR ANY SIMILAR ROOMS OR AREAS NY MEANS OF A READILY ACCESSIBLE ARC-FAULT CIRCUIT-INTERUPTION COMBINATION TYPE, INSTALLED AT THE ORIGIN OF THE BRANCH CIRCUIT IN COMBINATION WITH A LISTED AFCI OUTLET AT THE FIRST OUTLET BOX OF THE BRANCH CIRCUIT. MARK THE FIRST OUTLET TO INDICATE THAT IT CONTROLS THE AFCI PROTECTED CIRCUIT. ALL AFCI RECEPTACLES SHALL BE IN READILY ACCESSIBLE LOCATIONS.
22. BRANCH CIRCUIT EXTENSIONS OR MODIFICATIONS:
- IN ANY OF THE AREAS SPECIFIED IN NOTE 34 ABOVE, WHERE BRANCH-CIRCUIT WIRING IS MODIFIED, REPLACED, OR EXTENDED, THE BRANCH CIRCUIT SHALL BE PROTECTED BY BOTH OF THE FOLLOWING:
- (1) A LISTED COMBINATION-TYPE AFCI LOCATED AT THE ORIGIN OF THE BRANCH CIRCUIT.
- (2) A LISTED OUTLET BRANCH-CIRCUIT TYPE AFCI LOCATED AT THE FIRST RECEPTACLE OUTLET OF THE EXISTING BRANCH CIRCUIT.
23. MAIN ELECTRICAL SERVICE PANEL:
1. THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A MINIMUM BUSBAR RATINGS OF 200 AMPS.
2. THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DISCIBLE POLE CIRCUIT BREAKER FOR A FUTURE SOLAR ELECTRIC INSTALLATION.
3. LOCATION: THE RESERVED SPACE SHALL BE POSITIONED AT THE OPPOSITE (LOAD) END FROM THE MAIN FEEDER LOCATION OR MAIN FEEDER LOCATION.
4. MARKING: THE RESERVED SPACE SHALL BE PERMANENTLY MARKED AS "FOR FUTURE SOLAR ELECTRIC".
5. PROVIDE A PATHWAY FOR ROUTING OF CONDUIT FROM THE SOLAR READY ROOF ZONE TO THE POINT OF INTERCONNECTION AT THE MAIN SERVICE PANEL.

EXISTING UTILITY SERVICES

1. INTERFACE WITH EXISTING WORK:
- A. THE WORK INVOLVES INTERFACE BETWEEN A NEW STRUCTURE AND EXISTING UTILITIES. PRIOR TO THE SUBMITTAL OF A BID, IT IS THE CONTRACTORS RESPONSIBILITY TO EXAMINE THE EXISTING SITE AND STRUCTURES, AND TO VERIFY THE NEW WORK, NO ALLOWANCE WILL BE MADE TO A BIDDER BECAUSE OF LACK OF SUCH EXAMINATION OR KNOWLEDGE. THE SUBMISSION OF A BID WILL BE CONSIDERED AS CONCLUSIVE EVIDENCE THAT THE BIDDER HAS MADE SUCH EXAMINATIONS.
2. EXISTING SERVICES:
- A. ACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, PROTECT, BRACE SUPPORT EXISTING ACTIVE OIL, ELECTRIC, OTHER SERVICES WHERE REQUIRED FOR PROPER EXECUTION OF WORK. IF EXISTING ACTIVE SERVICES ARE ENCOUNTERED THAT REQUIRE RELOCATION MAKE REQUEST IN WRITING FOR DETERMINATION. DO NOT PROCEED WITH WORK UNTIL WRITTEN DIRECTIONS ARE RECEIVED. DO NOT PREVENT OR DISTURB OPERATION OF ACTIVE SERVICES THAT ARE TO REMAIN.
- B. INACTIVE SERVICES: WHEN ENCOUNTERED IN WORK, REMOVE, CAP, OR PLUG INACTIVE SERVICES. NOTIFY UTILITY COMPANIES OR MUNICIPAL AGENCIES HAVING JURISDICTION. PROTECT OR REMOVE THESE SERVICES AS DIRECTED.
3. CUTTING, PATCHING, RESTORING:
- A. UNLESS OTHERWISE SPECIFIED, EACH CONTRACTOR SHALL DO ALL CUTTING, DRILLING, PATCHING, RESTORING THAT MAY BE REQUIRED IN CONNECTION WITH THIS WORK. HE SHALL RESTORE WORK OF OTHER CONTRACTORS DAMAGED BY HIM.
- B. NO CONTRACTOR SHALL DO ANY CUTTING THAT MAY IMPAIR STRENGTH OF BUILDING CONSTRUCTION. NO HOLES EXCEPT FOR SMALL SCREWS MAY BE DRILLED IN BEAMS OR OTHER STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL.
- C. PATCH AND OR TRIM WITH MATERIALS THAT MATCH EXISTING TO CORRECT UNSIGHTLY CONDITIONS CAUSED BY REMODELING.

VISUAL / AUDIBLE ALARMS:

GENERAL:

1. IF EMERGENCY WARNING SYSTEMS ARE PROVIDED OR REQUIRED, THEN THEY SHALL INCLUDE BOTH AUDIBLE ALARMS AND VISUAL ALARMS. IF EMERGENCY WARNING SYSTEMS ARE PROVIDED OR REQUIRED AT A MINIMUM, VISUAL SIGNAL APPLIANCES SHALL BE PROVIDED IN BUILDINGS AND FACILITIES IN EACH OF THE FOLLOWING AREAS:
- RESTROOMS
2. OFFICE/ MEETING ROOM
3. NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 10 FEET FROM ANY SIGNAL (HORIZONTAL DISTANCE).
3. IF LARGE ROOMS AND SPACES EXCEEDING 100' ACROSS, WITHOUT OBSTRUCTIONS 6' ABOVE THE FINISH FLOOR, SUCH AS AUDITORIUMS, DEVICES MAY BE PLACED AROUND THE PERIMETER SPACED A MAXIMUM OF 100' APART, IN LIEU OF SUSPENDING THEM FROM THE CEILING.

VISUAL ALARMS:

1. THE ALARM IS INTEGRATED INTO THE BUILDING OR FACILITY ALARM SYSTEM.
- NOTE: IF SINGLE STATION AUDIBLE ALARMS ARE PROVIDED, THEN SINGLE STATION VISUAL ALARMS SHALL BE PROVIDED.
2. LAMP IS A XENON STROBE TYPE OR EQUIVALENT.
3. THE COLOR IS CLEAR AND NOMINAL WHITE (UNFILTERED) OR CLEAR FILTERED WHITE LIGHT.
4. THE MAXIMUM PULSE DURATION IS TWO TENTHS OF ONE SECOND (0.2 SEC) WITH A MAXIMUM DUTY CYCLE OF 40 PERCENT.
- NOTE: THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL PORTION OF 10 PERCENT OF MAXIMUM SIGNAL.
5. THE INTENSITY IS A MINIMUM OF 75 CANDELA.
6. THE FLASH RATE IS A MINIMUM OF 1 HZ AND A MAXIMUM OF 3 HZ.
7. THE APPLIANCE IS PLACED 80" ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6' BELOW THE CEILING, WHICHEVER IS LOWER.
- NOTE: SEE GENERAL NOTES FOR LARGE ROOM EXCEPTION.

AUDIBLE ALARMS:

AUDIBLE EMERGENCY ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PREVAILING EQUIVALENT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 dBA OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 602 SECONDS BY 5 dBA, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 dBA. AUDIBLE EMERGENCY ALARMS MEET APPLICABLE REQUIREMENTS.

FIRE ALARM & SMOKE DETECTION SYSTEM:

FIRE ALARM AND SMOKE DETECTION SYSTEM TO BE PROVIDED AS A DESIGN-BUILD SUBCONTRACT. CONTRACTOR SHALL PROVIDE AN NFPA2 APPROVED, INTEGRATED FIRE ALARM AND SMOKE DETECTION SYSTEM. PERFORMANCE SPECIFICATIONS FOR THE SYSTEM SHALL APPEAR ON SHEET A02 OF THE DRAWINGS. FIRE ALARM SUBCONTRACTOR SHALL PREPARE SHOP DRAWINGS FOR THE INTEGRATED FIRE ALARM AND SMOKE DETECTION SYSTEM AND SHALL OBTAIN APPROVAL FROM THE FIRE MARSHALL. APPROVED DRAWINGS WILL BE SUBMITTED TO THE BUILDING DEPARTMENT PRIOR TO COMMENCING WITH THE WORK ON THE SYSTEM.

NOTES:

1. SEE FLOOR PLAN, SHEET A21 FOR LOCATIONS OF APPLIANCES DESIGNATED WITH THE SYMBOL (T) SEE APPLIANCE SCHEDULE SHEET A31 FOR ELECTRICAL AND MECHANICAL REQUIREMENTS FOR ALL APPLIANCES DESIGNATED ON THE FLOOR PLANS. INCLUDE ALL MECHANICAL AND ELECTRICAL WORK LISTED ON THE SCHEDULE PAGES IN THE BASE BID IN ADDITION TO WORK SHOWN ON THIS SHEET.
2. SEE SHEET E21 FOR EXACT LOCATION OF LIGHT FIXTURES AND COORDINATION OF LIGHTING AND MECHANICAL ITEM LOCATIONS WITH OTHER CEILING ITEMS. LOCATIONS SHOWN ON THIS SHEET ARE DIAGRAMMATICAL. FINAL PLACEMENT OF LIGHTS SHALL BE AS SHOWN ON ELECTRICAL PLANS.

UTILITY SYSTEM SCOPE OF WORK:

AFTER REMOVAL OF SIDING ON NORTH WALL AND CEILING AT TERMINAL BUILDING, CONTRACTOR SHALL TAG AND IDENTIFY ALL CIRCUITS FROM SERVICE ENTRANCE TO PANEL BOX TO TERMINATION OF CIRCUIT FOR ALL SERVICES INCLUDING, BUT NOT LIMITED TO:

ELECTRICAL OUTLETS, SWITCHES, LIGHT FIXTURES AND HEATERS, TELEPHONE SYSTEM, CABLE TV SYSTEM, INTERNET SERVICE AND ETHERNET DISTRIBUTION SYSTEM, MENDOCINO COUNTY MICROWAVE COMMUNICATIONS SYSTEM, WEATHER INSTRUMENTATION SYSTEM, RADIO COMMUNICATIONS SYSTEM, SURVEILLANCE CAMERA AND MONITORING SYSTEM INCLUDING CAMERAS, INPUT JACKS AND OUTPUT JACKS, ANY OTHER WIRING SYSTEMS AND ALL PLUMBING AND PIPING SYSTEMS.

FOR WIRING AND PIPING SYSTEMS SURFACE MOUNTED TO THE OUTSIDE OF THE WALLS OF THE BUILDING, REMOVE EXIST HORIZONTAL SIDING ON NORTH SIDE OF TERMINAL BUILDING, RELOCATE ALL EXPOSED WIRING AND PIPING INTO WALL CAVITY AND ATTIC SPACE. AFTER RELOCATING WIRING AND PIPING, RE-SHEATH ENTIRE EXTERIOR SURFACE OF WALL WITH NEW CDX PLYWOOD TO MATCH THE THICKNESS OF T-11 SIDING ON ADJACENT WALLS. INSTALL NEW VAPOR BARRIER AND NEW FIBER CEMENT SIDING AND TRIM OVER PLYWOOD.

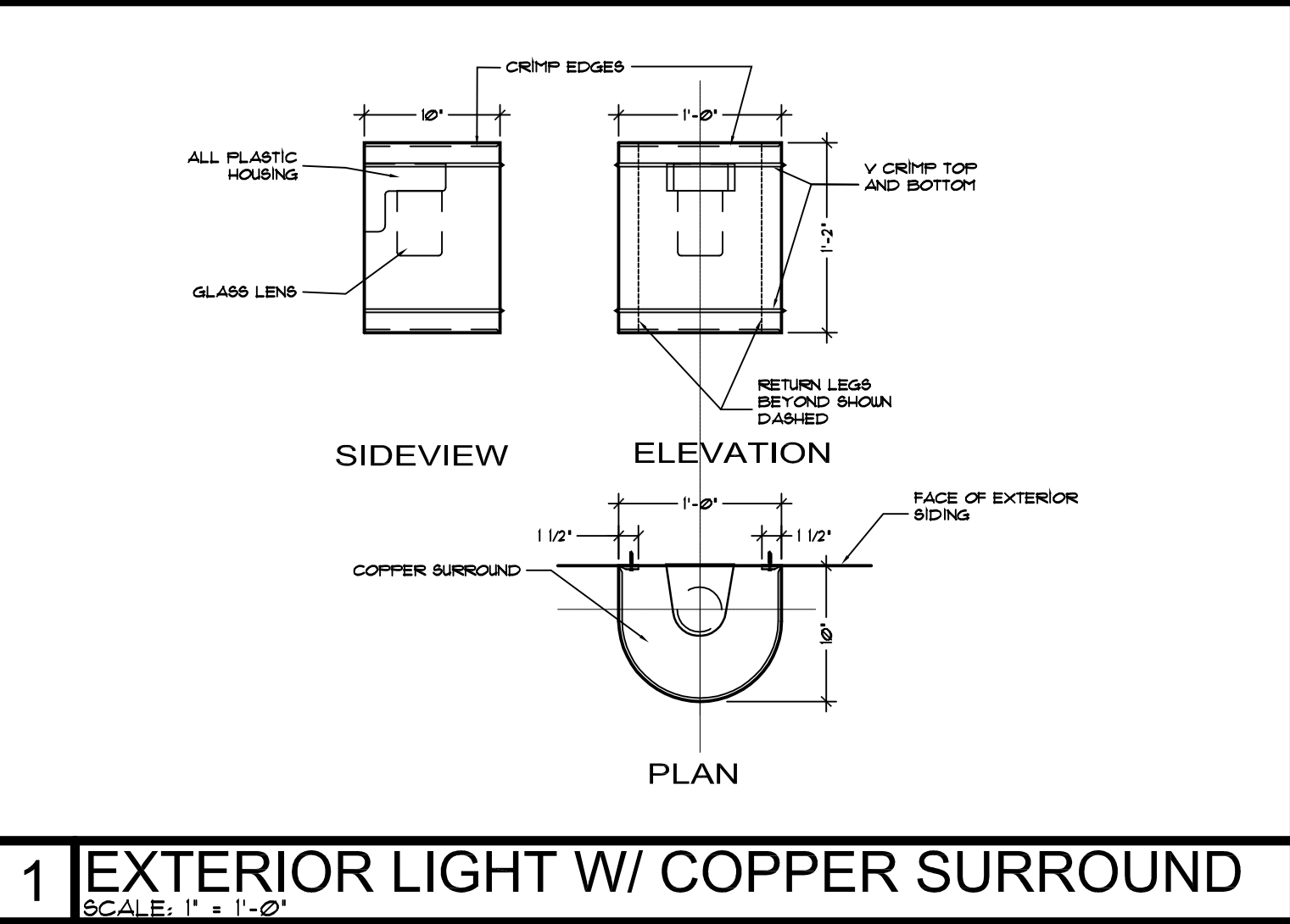
FOR ALL WIRING AND PIPING CONCEALED IN WALL OR CEILING CAVITIES OR RE-CEALED WIRING AND PIPING FROM EXPOSED LOCATIONS, EXAMINE EXISTING WIRING AND PIPING AND REPLACE ALL SUBSTANDARD WIRING AND PIPING WITH NEW MATERIALS TO MEET CURRENT CEC AND CMC STANDARDS. ALL NEW REPLACES AND REMAINING EXISTING WIRING AND PIPING TO RUN CONCEALED WITHIN WALL CAVITIES AND ATTIC SPACES. RECONNECT WIRING AND PIPING TO SERVICE ENTRANCES, PANELS AND TERMINAL BOXES OR LOCATIONS AT EXISTING SYSTEM.

PROTECT AND MAINTAIN ALL CODE COMPLIANT EXISTING ELECTRICAL OUTLETS, SWITCHES AND LIGHTING. PROVIDE NEW DUPLEX WALL OUTLETS, SWITCHES AND LIGHTING TO MEET CODE SPACING REQUIREMENTS IN ADDITION TO OUTLETS SHOWN ON PLAN. (USE EXISTING ELECTRICAL OUTLETS WHERE POSSIBLE TO SATISFY CODE REQUIREMENTS.)

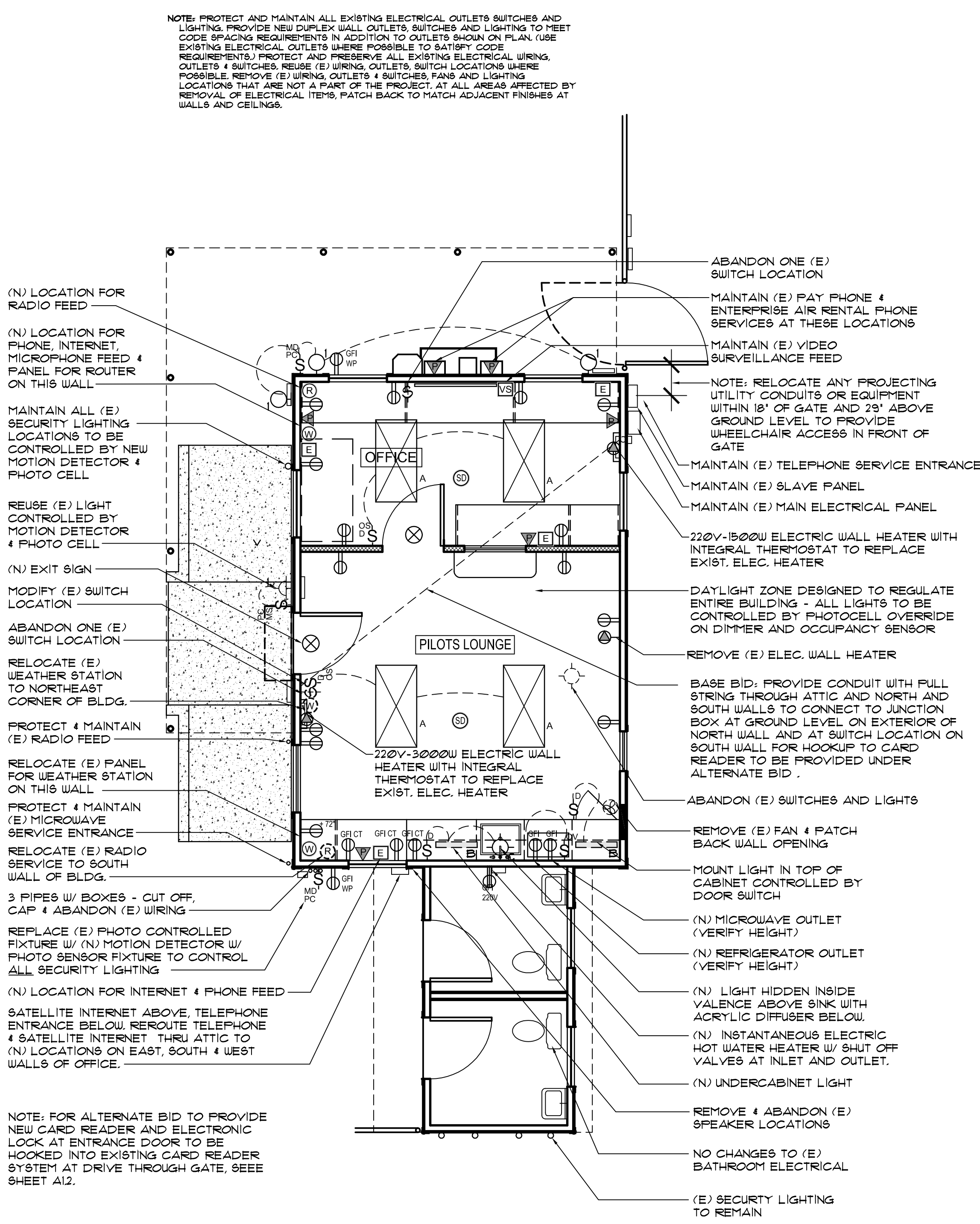
REPLACE OUTLETS, SWITCHES AND LIGHT FIXTURES AT SPECIFIC LOCATIONS SHOWN ON PLAN.

INSTALL NEW FIRE ALARM AND SMOKE DETECTION SYSTEMS AS DESCRIBED ON THIS SHEET.

TEST AND VERIFY ALL WIRING AND PIPING SYSTEMS TO BE ACTIVE AND FULLY FUNCTIONAL PRIOR TO CLOSURE.



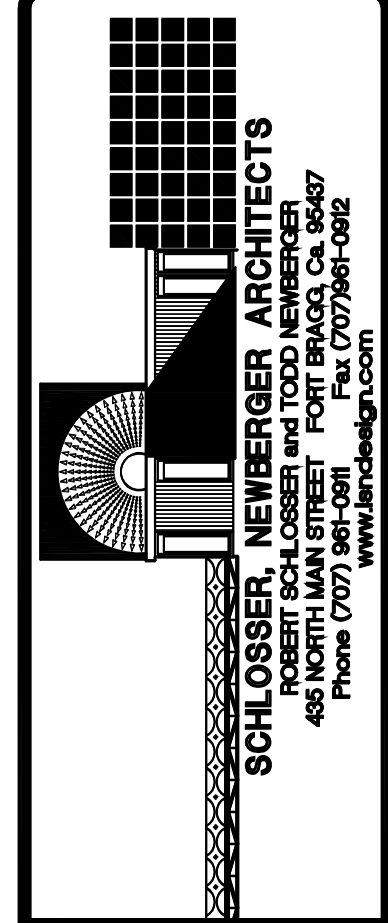
1 EXTERIOR LIGHT W/ COPPER SURROUND
SCALE: 1" = 1'-0"



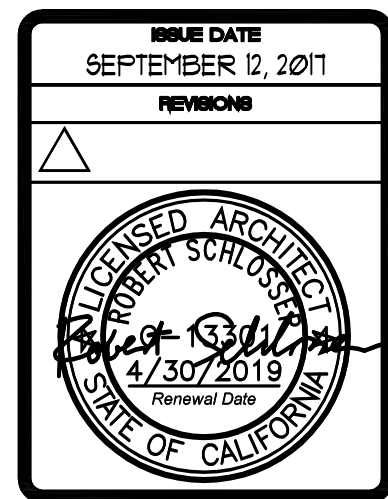
ELECTRICAL PLAN

EXISTING ELECTRICAL ITEMS LEGEND			
⚡	—	SWITCH (MOUNT 4" AFF, UNO)	
⚡	—	THREE-WAY SWITCH	
⚡	—	LIGHT, CEIL'G RECESSED DOWNLIGHT	
⚡	—	LIGHT, PENDANT, SURFACE MOUNT	
⚡	—	LIGHT, WALL MOUNT	
⚡	—	RECEPTACLE, 110V TYP UNLESS NOTED (220, GFCI*, ETC.)	
⚡	—	EXHAUST FAN	
⚡	—	SMOKE DETECTOR (110 V AC W/ BATTERY BACKUP)	
⚡	—	PHONE W/ MULTIPLE LINE CAPABILITIES	
⚡	—	TV/CABLE, COMPUTER, THE LATEST FOR ALL TECH STUFF	
⚡	—	GAS (PROPANE) LINE	

NEW LIGHTING FIXTURE, HEATER AND SWITCH SCHEDULE						
	SYM	FUNCTION	MANUFACTURER	MODEL NUMBER	TRIM / COLOR	LAMP
LIGHTING	⚡	CEILING	LITHONIA LIGHTING	LB4LPB35	WHITE PAINTED STEEL HOUSING FLUSH MOUNT	4564 LUMEN LED
	⚡	UNDER CABINET / CLOSET	ALICO	HP100/200 SERIES	WHITE	13 W T5 FLUORESCENT
	⚡	VALENCE	RESIDENT	SC1000W100	WHITE HOUSING POLYCARBONATE LENS	8" WATT LED 1000 LUMENS
	⚡	EXIT SIGN	LITHONIA	ECR LED M6	WHITE W/ RED LETTERS	(2) 5.4W DC T5 LAMPS
	⚡	EXTERIOR	SUPERIOR	5418UABEL12-K	1/2 OZ. COPPER	22W CF
	⚡	EXTERIOR	EXISTING	SECURITY		
HEATER	⚡	HEATER	SEE FLOOR PLAN SYMBOL DESIGNATION ON SHEET A21 AND SCHEDULES ON SHEET A31			
SWITCHES	⚡	DIMMER SWITCH	ACQUITY LIGHTING	9P00MRD	IVORY	
	⚡	OCCUPANCY SENSOR	WATTSOFFER	LMDX100	IVORY	
	⚡	PHOTO CONTROL	WATTSOFFER	LML5400	IVORY	
	⚡	EXT. MOTION DETECTOR W/ PHOTO CONTROL	WATTSOFFER	EN-105-24	BLACK	
	⚡	OVERRIDE LIGHT	WATTSOFFER	LMS6001	IVORY	



TERMINAL BUILDING REMODEL AT:
LITTLE RIVER AIRPORT
43001 LITTLE RIVER AIRPORT ROAD
LITTLE RIVER, CALIFORNIA 95456



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