

* ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR ACCEPTABLE METHOD. GBC SECTION 4,440.6

* AN OPERATION AND MAINTENANCE MANUAL SHALL BE PROVIDED PRIOR TO FINAL INSPECTION. GBC SECTION 4,410.1

* ADHESIVE, SEALANTS AND CAULKS SHALL BE COMPLIANT WITH VOC AND OTHER TOXIC COMPOUND LIMITS. GBC SECTION 4,504.2.1

* AEROSOL PAINTS AND COATING SHALL BE COMPLIANT WITH PRODUCT WEIGHTED MIR LIMITS FOR ROC AND OTHER TOXIC COMPOUNDS. GBC SECTION 4.504.2.3

* DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISH MATERIALS HAVE BEEN USED. GBC SECTION 4,504.2.4

* PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF) AND HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS. GBC SECTION 4,504.5

* BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT, CONTROLLED BY A READILY ACCESSIBLE HUMIDISTAT AND BE DUCTED TO TERMINATE OUTSIDE BUILDING. GBC SECTION 4,506.1

* HVAC SYSTEM INSTALLERS ARE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS. GBC SECTION 702.1

* A SCHEDULE OF PLUMBING FIXTURES AND FIXTURE FITTINGS THAT WILL REDUCE OVERALL USE OF POTABLE WATER WITHIN THE BUILDING BY AT LEAST 20 PERCENT SHALL BE PROVIDED. GBC SECTION 4,303.1

* A CAPILLARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING:

- [illegible]

1. ALL WORK SHALL CONFORM WITH THE CURRENT CALIFORNIA BUILDING CODE, CALIFORNIA STATE BARRIER-FREE STANDARDS, CALIFORNIA STATE ENERGY CODE AND ALL GOVERNING JURISDICTIONS' RULES, ORDINANCES, AND REGULATIONS.

3. THE CONTRACTOR SHALL CONSULT PLANS OF ALL TRADES AND CONSULTANTS, INCLUDING DESIGN-BUILD DOCUMENTS TO VERIFY SIZE, LOCATION, WEIGHT, POWER AND OTHER REQUIREMENTS PRIOR TO BIDDING AND AGAIN PRIOR TO BEGINNING WORK.

5. PROVIDE NEAT CUT WHERE UTILITIES PENETRATE RATED WALL AND FLOOR ASSEMBLIES, SEAL WITH FIRE-RATED, NON-COMBUSTIBLE MATERIAL. IMPERVIOUS TO THE PASSAGE OF SMOKE, CONFORMING TO CODE & BUILDING OFFICIAL REQUIREMENTS.

11. PROVIDE APPROVED FIRE EXTINGUISHERS AS REQUIRED BY THE FIRE MARSHAL. VERIFY LOCATIONS INDICATED IN CONSTRUCTION DOCUMENTS WITH THE FIRE MARSHAL AND THE GENERAL CONTRACTOR PRIOR TO FRAMING.

17. THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF THE ARCHITECT/ENGINEER AND MAY BE REPRODUCED ONLY WITH THE WRITTEN PERMISSION OF THE ARCHITECT/ENGINEER. AUTHORIZED REPRODUCTIONS MUST BEAR THE NAME OF THE ARCHITECT OR ENGINEER.

VICINITY MAP
NO SCALE

BRICKWAY BLVD
CONCOURSE BLVD
AIRPORT BLVD
CENTURY CT
COPPERHILL LN
COPPERHILL PKWY
MARK WEST CREEK
HWY 101

PROJECT LOCATION

T1	TITLE SHEET	S1	FOUNDATION PLAN
C1	ACCESSIBLE PARKING DETAILS	S2	ROOF FRAMING PLAN,
C2	PARTIAL SITE PLAN		FRAMING DETAILS
A1.0	ADA DETAIL	MP1.0	MECHANICAL/PLUMBING PLAN
A1.1	EXTERIOR ELEVATIONS	MP1.1	FIRE SPRINKLER SYSTEM
A1.2	EXTERIOR ELEVATIONS	MP2	MECHANICAL/HVAC
A2.0	FLOOR PLAN SECTION		
A2.1	WALL CONSTRUCTION DETAILS	E1.0	EXISTING ELECTRICAL PLAN
A2.2	INTERIOR LAYOUT	E2.0	PROPOSED ELECTRICAL PLAN
A3.0	CEILING FRAMING PLAN, FRAMING DETAILS	E2.1	TRANSFORMER PAD AND GROUNDING DETAIL
		E2.2	SECURITY CAMERA LOCATION SITE MAP

CALIFORNIA BUILDING CODE.....	2016 EDITION
CALIFORNIA PLUMBING CODE.....	2016 EDITION
CALIFORNIA MECHANICAL CODE.....	2016 EDITION
CALIFORNIA ELECTRICAL CODE.....	2016 EDITION
CALIFORNIA FIRE CODE.....	2016 EDITION
CALIFORNIA ENERGY CODE.....	2016 EDITION
CALIFORNIA GREEN CODE.....	2016 EDITION
WIND LOAD EXP B (3 SEC. GUST).....	110 MPH
SNOW LOADS.....	0 psf
FLOOR LIVE LOAD.....	N/A
SEISMIC DESIGN CATEGORY.....	D
SOIL CLASS.....	D
ZONING CLASSIFICATION.....	HEAVY COMMERCIAL

CONCRETE.....	ASTM A307 MIN.
FOUNDATIONS/SLABS.....	f'c=2500psi @ 28 DAYS
REBAR.....	ASTM A615, Gr.60-#4,Gr.40-#3
ANCHOR BOLTS.....	ASTM A36
WOOD.....	DOUGLAS FIR LARCH
ENGINEERED WOOD PRODUCTS.....	BY BOISE CASCADE OR EQUAL
TRUSSES.....	NA

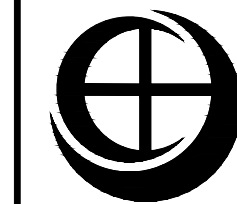
NEW TENANT IMPROVEMENTS FOR NEW OCCUPANCY GROUP F-1 AGRICULTURAL (HEMP) MANUFACTURING / PROCESSING. WORK TO INCLUDE NEW INTERIOR WALLS & CEILING. ALSO INCLUDED IS AN OVERHAUL TO ELECTRICAL, MECHANICAL & PLUMBING WORKS. ADA UPGRADES TO INCLUDE PARKING LOT, PATH OF TRAVEL AND ACCESSIBLE RESTROOM.

OCCUPANCY GROUP.....	(E) OCCUPANCY GROUP S-1 (AUTO DISMANTLE/SHOP/STORAGE) NEW OCCUPANCY GROUP F-1 (AGRICULTURAL MANUFACTURING / PROCESSING LEVEL 1 - NON-SOLVENT)
TYPE OF CONSTRUCTION.....	V-B
STORIES.....	1
FIRE SPRINKLER.....	NO
ALLOWABLE BUILDING AREA.....	8,500 SF
MAXIMUM BUILDING HEIGHT.....	40 FT

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS
BASED ON FIRE SEPARATION DISTANCE (TABLE 602)..... 2 HOUR LESS THAN 5'
1 HOUR 5' < X < 10'

OCCUPANT LOAD FACTOR AT BUSINESS AREA 100
 AGRICULTURAL..... 300
 TOTAL OCCUPANT LOAD (SEE FLOOR PLAN)..... 10
 (ONE ALL GENDER RESTROOM PER CPC 422.2 EXCEPTION FOR 10 OR FEWER OCCUPANTS)
 EXITS REQUIRED..... 3 (MAX. 75' TRAVEL LENGTH TO EXIT)

M ENGINEERING
ENGINEERING, SURVEYING & PLANNING
1 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



TITLE SHEET

PLOTTED BY:

DATE PLOTTED:

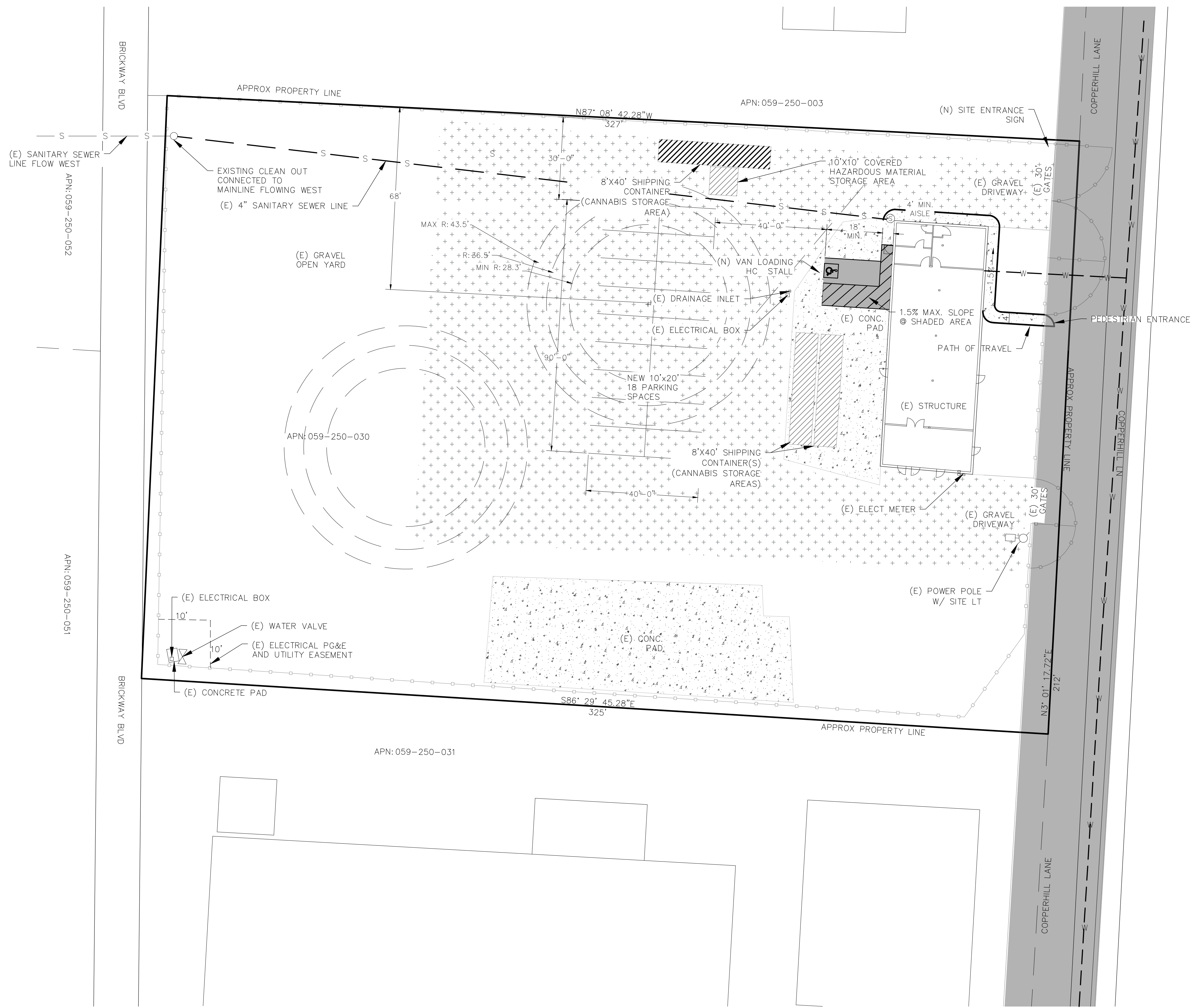
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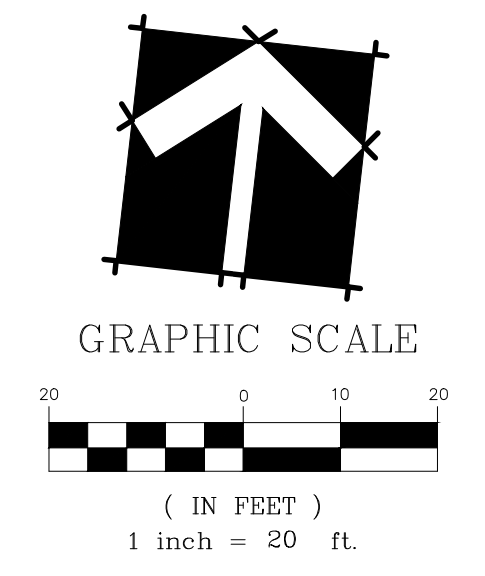
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SHEET

T1



- LEGEND:**
- W UNDERGROUND WATER LINE
 - S UNDERGROUND SEWER LINE
 - P UNDERGROUND POWER LINE
 - G UNDERGROUND GAS LINE
 - 1530 CONTOUR ELEVATION
 - FENCE
 - CMS CONSTRUCTION MATERIAL STORAGE AREA
 - EXISTING PAVEMENT
 - APN ASSESSOR'S PARCEL NUMBER
 - APPROX APPROXIMATELY
 - DWY DRIVEWAY
 - (E) EXISTING
 - (A) ABANDONED
 - (P) PROPOSED
 - RD ROAD
 - SF SQUARE FEET
 - BOLLARD
 - POWER POLE
 - WATER VALVE
 - (P) TRANSPORTATION ACTIVITY AREA
 - CONCRETE
 - ASPHALT
- NOTES:**
- CONTOUR INTERVAL IS 10'
- HABITAT:**
- SWALE
 - CREEK / STREAM CHANNELS (APPROXIMATE)
 - 100' CREEK SETBACK
 - EDGE RIPARIAN HABITAT
 - 100' RIPARIAN HABITAT SETBACK
- EXISTING EASEMENTS:**
- UTILITY BOXES (ELECTRICAL BOX AND WATER VALVE)



Revisions:

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CIVIL ENGINEERING, SURVEYING & PLANNING

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REDDING, CA. 96001

530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:

REGISTERED PROFESSIONAL ENGINEER

NO. 67800

Exp. 6/30/19

CIVIL

STATE OF CALIFORNIA

SITE PLAN

COPPERHILL VENTURES, INC.

3615 COPPER HILL LANE

SANTA ROSA, CA 95403

SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

12/22/17

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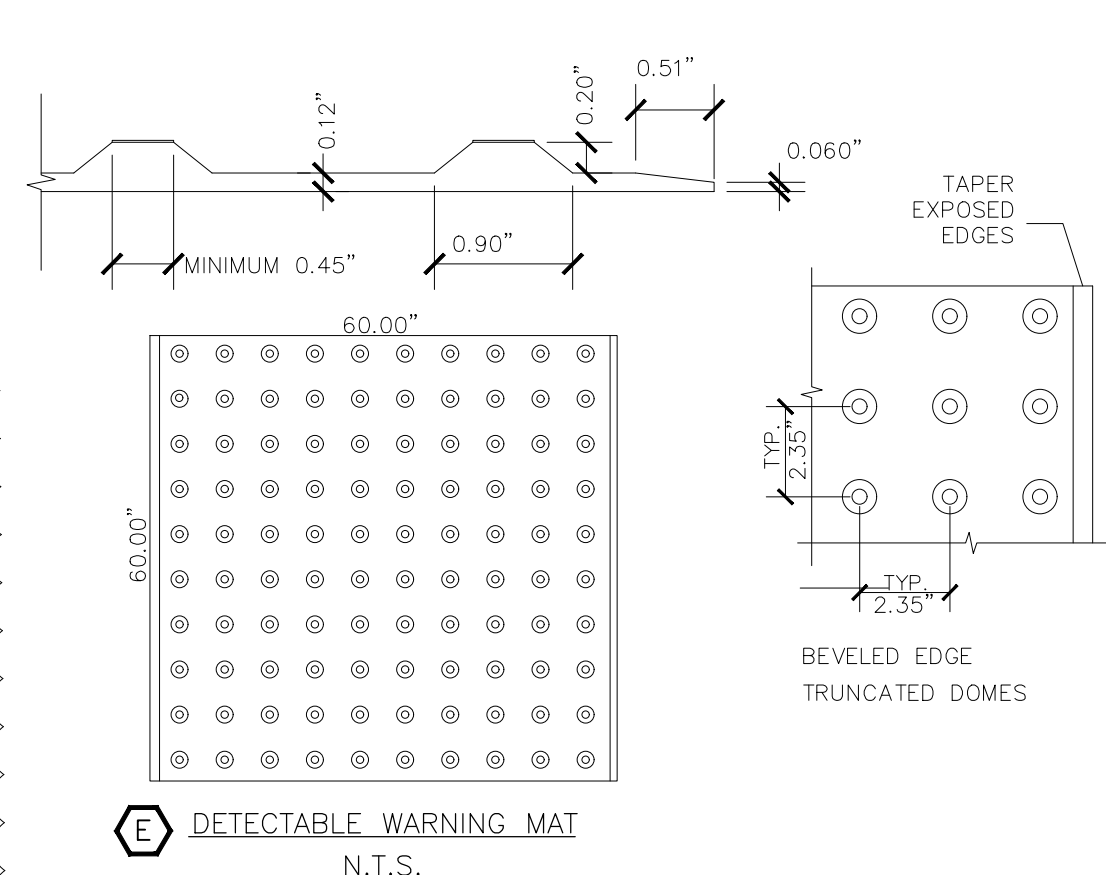
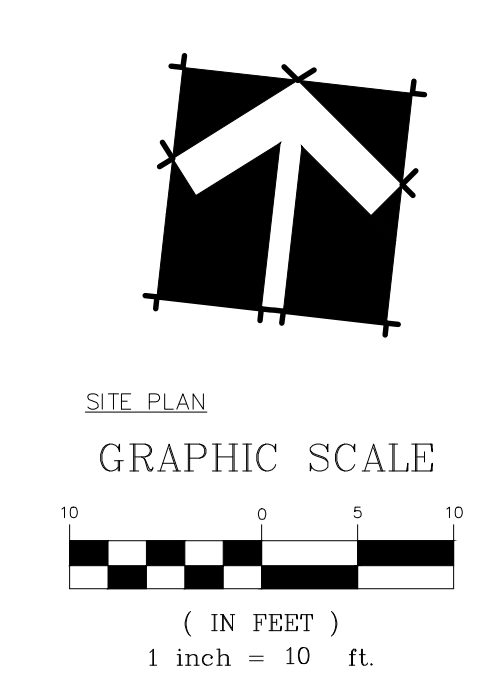
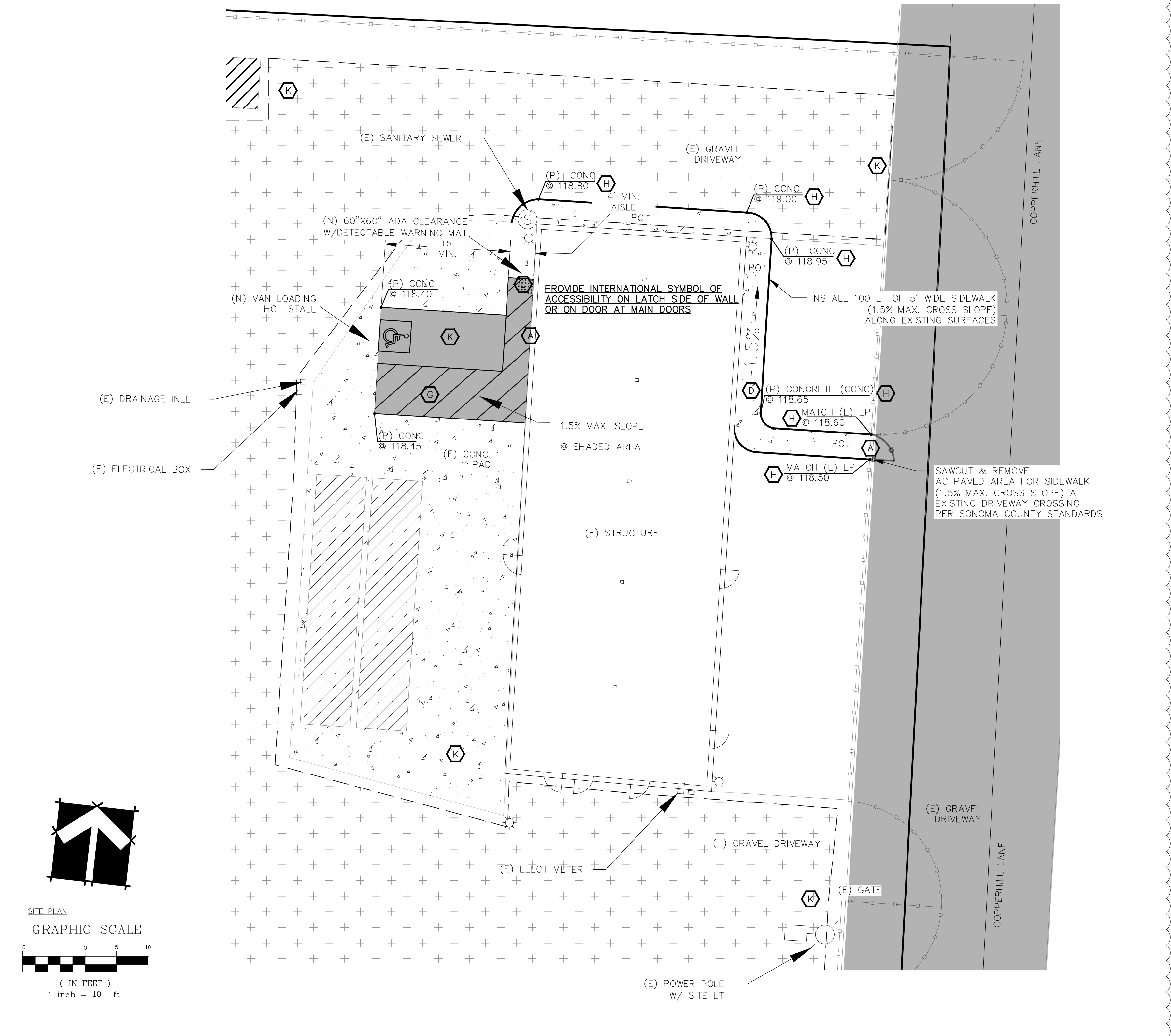
SEE PLAN

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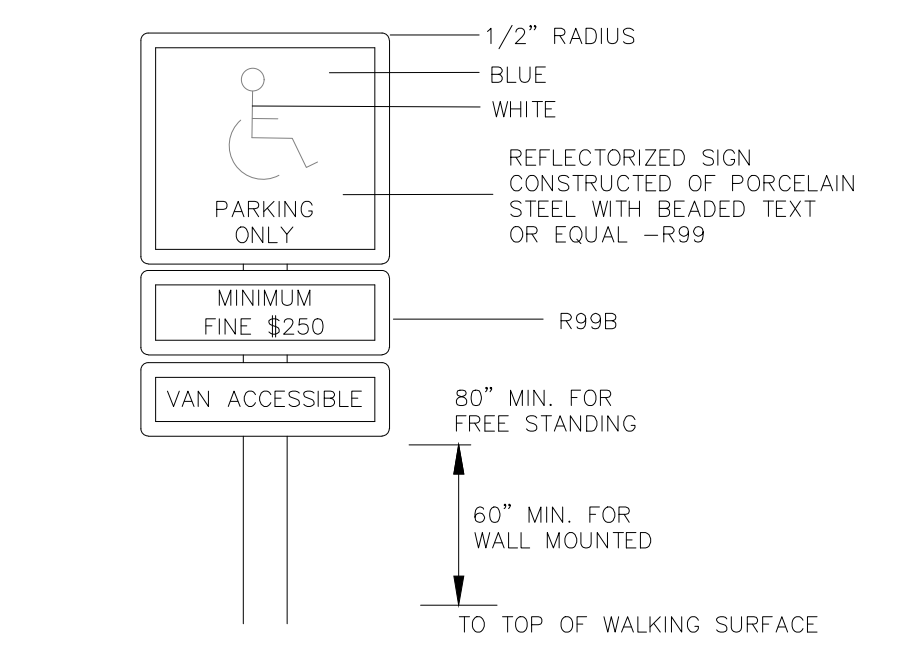
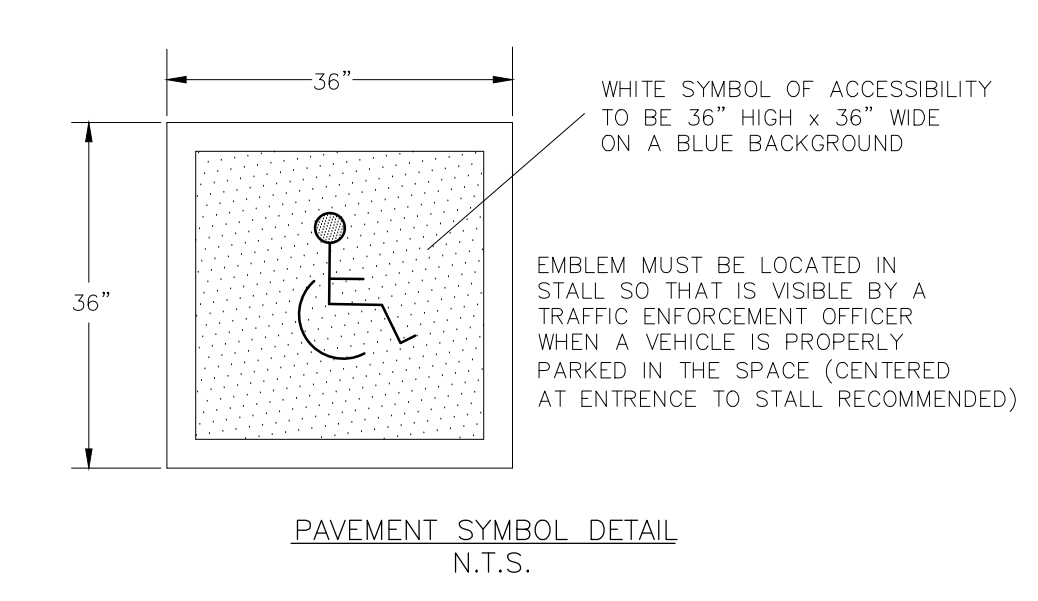
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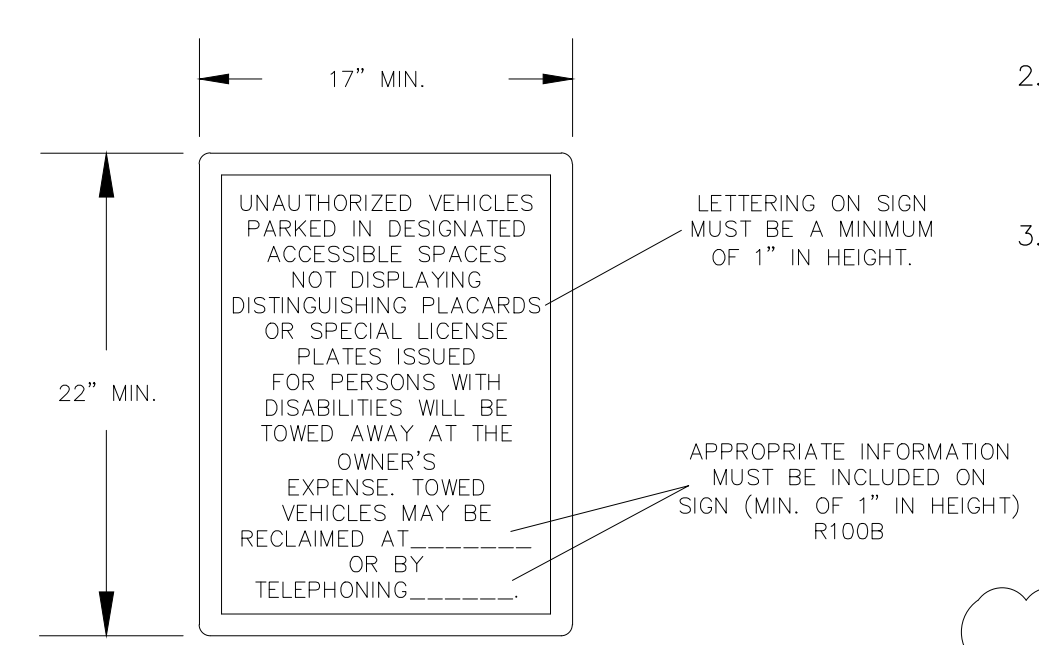


NOTE:
ONLY APPROVED PSA-AC DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES SHALL BE INSTALLED AS PROVIDED IN THE CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 1, ARTICLES 2, 3 AND 4. REFER TO CCR TITLE 24, PART 12.
THE COLOR SHALL BE YELLOW CONFORMING TO FEDERAL COLOR NO. 33538 PER SECTION 11B-705.1.1.3.1

- 60" MIN. DIAMETER WHEEL CHAIR CIRCULATION AT RAMP LANDING
- * NEW CONCRETE WALK:
5% MAX. TRAVEL SLOPE
2% MAX. CROSS SLOPE
- * NEW HC RAMP:
8.3% MAX. RAMP SLOPE
2% MAX. CROSS SLOPE
- * NEW RAMP LANDING:
2% MAX. SLOPE AT ANY DIRECTION
- * ALL CONCRETE FOR CONCRETE CURB / WALK / RAMP TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI (5 SACK CEMENT PER CUBIC YARD ==> SUGGESTED MINIMUM)



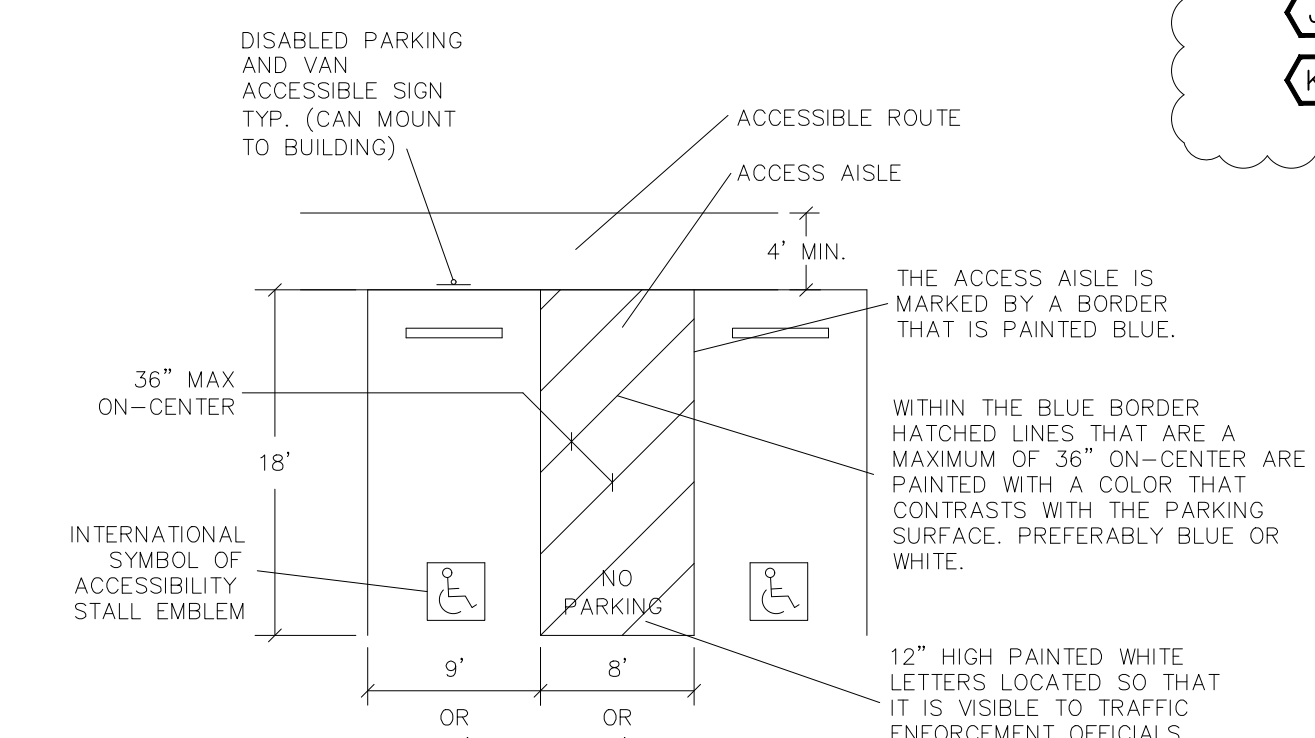
- NOTES:
- SIGN TO BE CENTERED AT THE INTERIOR END OF PARKING SPACE
 - AREA OF SIGN TO BE MIN. OF 70 SQ. IN.



AN ADDITIONAL SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO OFF-STREET PARKING FACILITIES, OR IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE. THE SIGN SHALL BE NOT LESS THAN 17 INCHES BY 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 1 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING:

*UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACE CARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED BY TELEPHONING SRPD. AT: 707-543-3600.

BLANK SPACES ARE TO BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN.



- LEGEND:
- P UNDERGROUND POWER LINE
 - G UNDERGROUND GAS LINE
 - 1530 CONTOUR ELEVATION
 - FENCE
 - CMS CONSTRUCTION MATERIAL STORAGE AREA
 - EXISTING PAVEMENT
 - APN ASSESSOR'S PARCEL NUMBER
 - APPROX APPROXIMATELY
 - DWY DRIVEWAY
 - (E) EXISTING
 - (A) ABANDONED
 - (P) PROPOSED
 - RD ROAD
 - SF SQUARE FEET
 - BOLLARD
 - POWER POLE
 - WATER VALVE
 - (P) TRANSPORTATION ACTIVITY AREA
 - CONCRETE

- NOTES:
- CONTOUR INTERVAL IS 10' AND IS NOT SHOWN DUE TO FLAT TERRAIN.

QUANTITIES

AREA OF PROPOSED 5' PCC SIDEWALK	= 500 SF
AREA OF NEW HC STALL	= 1 STALL
AREA OF PROPOSED HMA	= 50 SF

- NOTE:
- GRADES ARE FROM A SITE SURVEY WITH AN ASSUMED ELEVATION AND DATUM
 - REPAIR OR REPLACE CONCRETE OR ASPHALT AT ADA PARKING SURFACES AS NEEDED TO MAINTAIN A SMOOTH CONSISTENT SURFACE LESS THAN 2% CROSS SLOPE IN ANY DIRECTION.
 - POT IS SHORT FOR PATH OF TRAVEL.

- (A) (P) SIGNS ALONG PATH OF TRAVEL
- (B) (P) ACCESSIBLE ROUTE COMPONENTS
- (C) (P) WALKING SURFACE DIMENTIONS
- (D) (P) RUNNING SLOPE OF WALKING SURFACES, NOT TO EXCEED 5% (1:20)
- (E) (P) RUNNING SLOPE OF RAMPS, NOT TO EXCEED 2.083% (1:48)
- (F) (P) CROSS SLOPE OF WALKS AND RAMPS NOT TO EXCEED 2.083% (1:48)
- (G) (P) LANDINGS AND LEVEL AREA SLOPES NOT TO EXCEED 2.083% (1:48)
- (H) (P) VERTICAL CHANGES IN LEVEL
- (I) (P) OPENINGS IN DRAINS AND GRATINGS NOT TO EXCEED 1/2 INCH IN PREDOMINANT DIRECTION OF TRAVEL
- (J) (P) PROTRUDING OBJECTS AND OVERHEAD OBSTRUCTIONS
- (K) (P) SITE ARRIVAL POINTS, SUCH AS PARKING, LOAD ZONES AND BUS AREAS

Revisions:
COMMENTS 3.1.18

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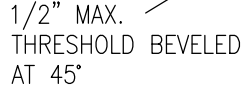
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ADA SITE DETAILS

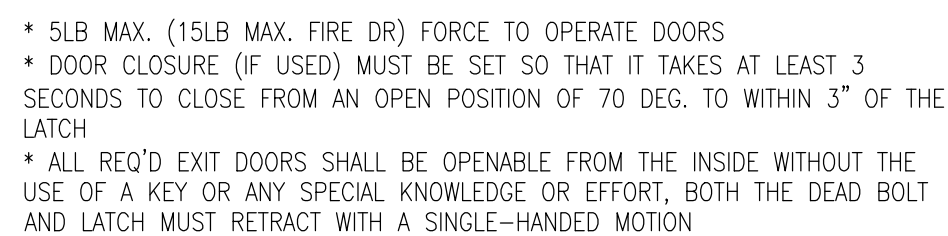
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12/22/17
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CADD FILE:
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C2



NO SCALE



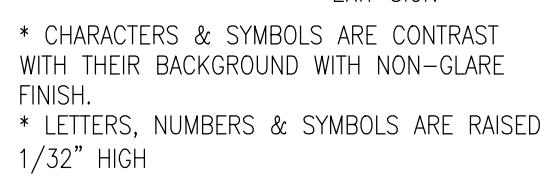
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DOOR / SIGN DETAIL

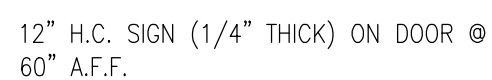
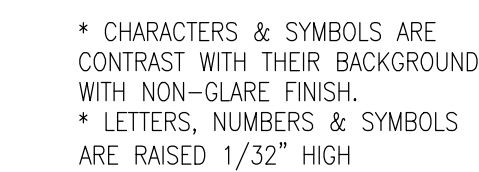
DO NOT SCALE

NOTE: SYMBOLS TO BE WHITE FIGURE ON
BLUE BACKGROUND (FS 15090) OR APPROVED
DARK LIGHT CONTRAST BY LOCAL
JURISDICTION, TYPICAL ALL RESTROOM SIGNAGE
PER CBC SECTION 11B-703.7.2.1



ENTRY & EXIT SIGNS

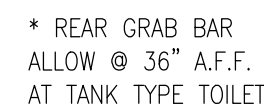
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TYP. H.C. TOILET SIGNS

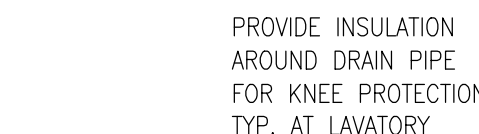


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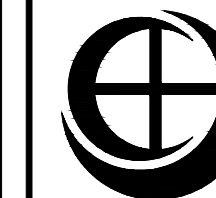
- * GRAB BARS: 1 1/4" MIN. /// 1 1/2" MAX. DIAMETER, TYP.
1 1/2" CLEAR OF WALL, NON-ROTATING, CAPACITY > 250 lb
- * TOILET AND SINK (w/ HARDWARE) TO BE ADA COMPLIANT.
LEVEL HANDLE REQUIRED FOR BOTH TOILET & SINK.
- * PROVIDE ACCESSIBLE TOILET FLUSH CONTROL ON "OPEN" SIDE
OF TOILET'S CLEAR FLOOR SPACE.



TYP. H.C. TOILET DETAIL

NO SCALE

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ADA DETAIL

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3615 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

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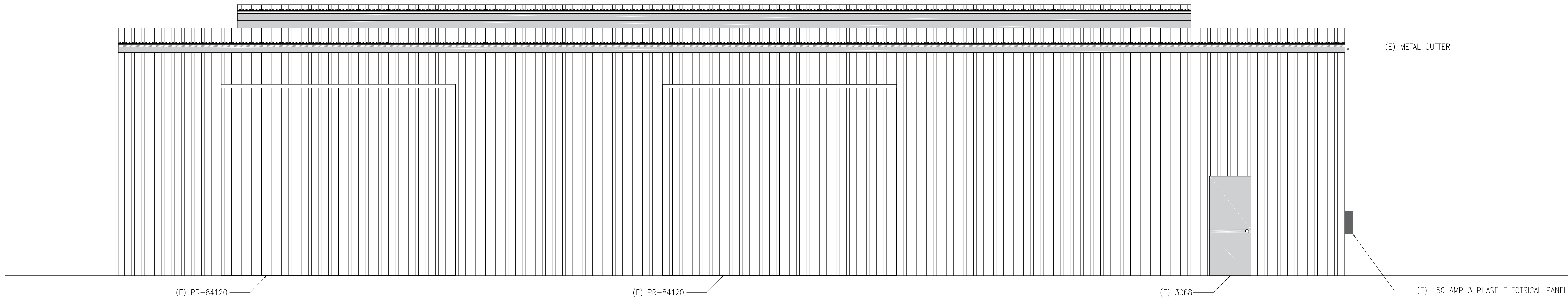
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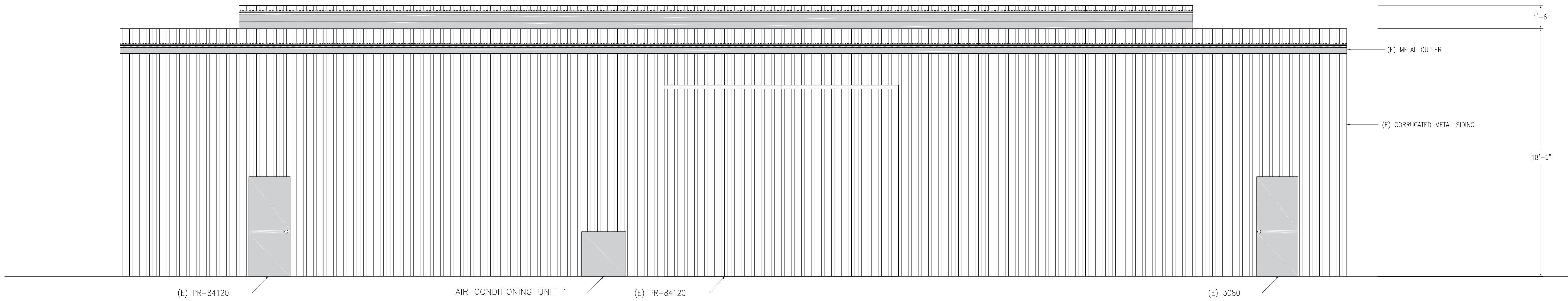
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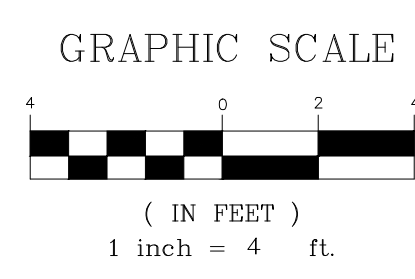
A1.0



EAST ELEVATION



WEST ELEVATION



Revisions:

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PLANS PREPARED UNDER
THE SUPERVISION OF:

No. 67800
Exp. 6/30/19
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EXTERIOR ELEVATIONS

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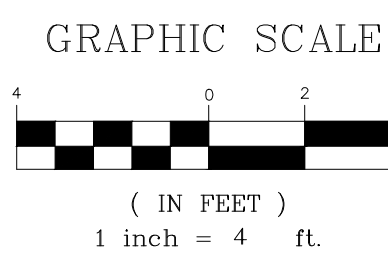
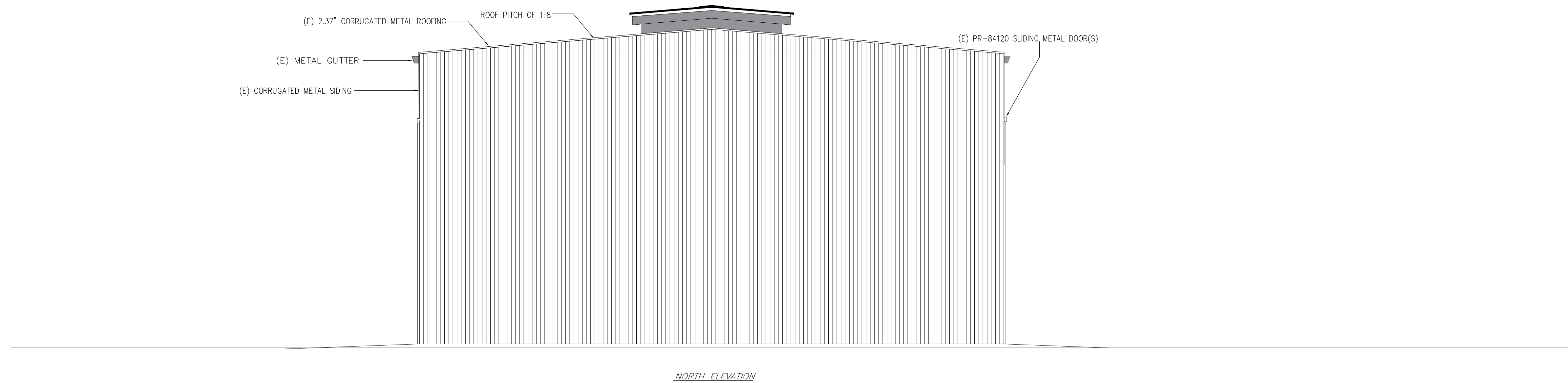
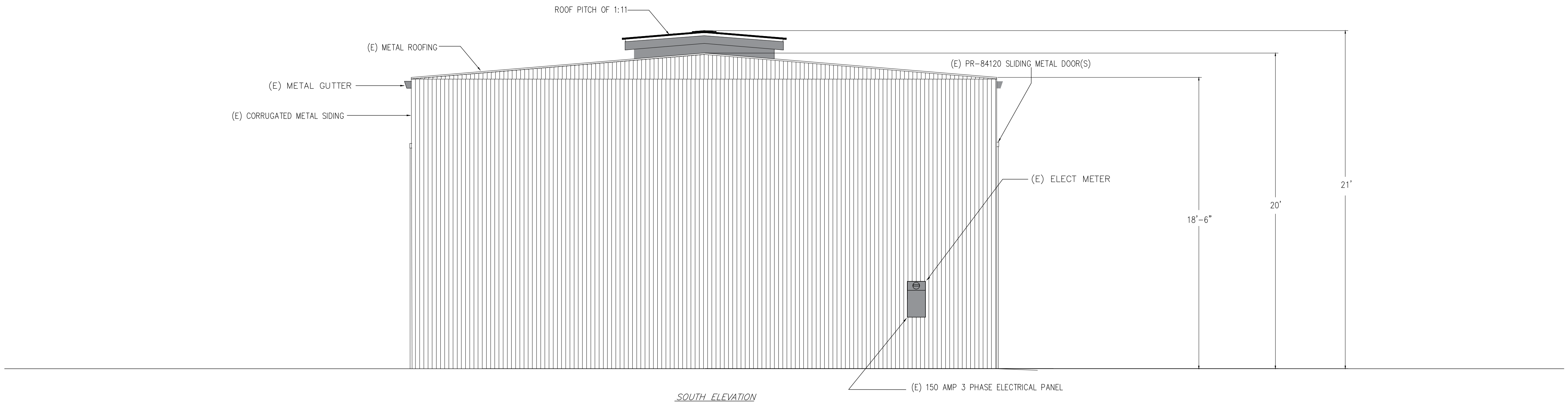
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SHEET:

A1.1

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SONOMA COUNTY APN# 059-250-030



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PLANS PREPARED UNDER
THE SUPERVISION OF:

EXTERIOR ELEVATIONS

COPPERHILL VENTURES, INC
3815 COPPER HILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:
12/22/17

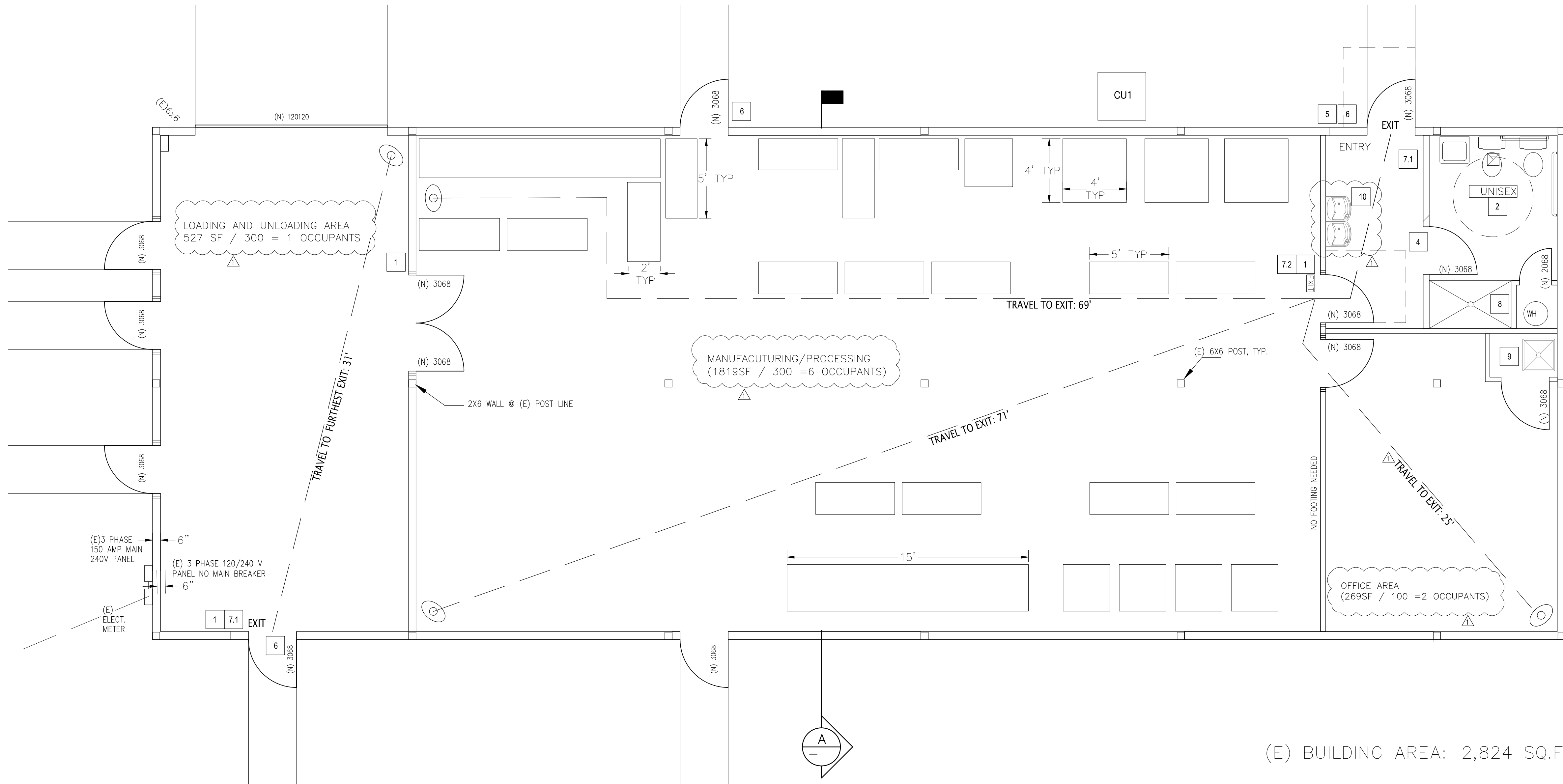
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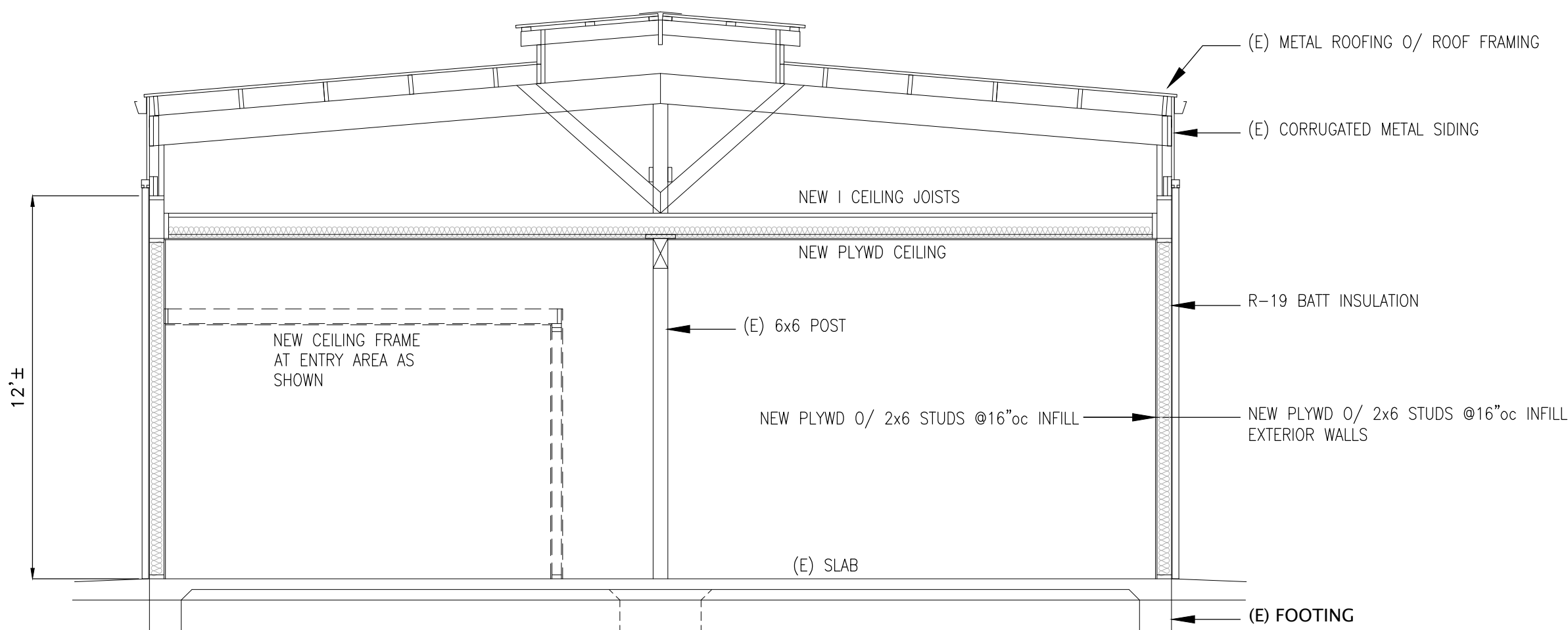
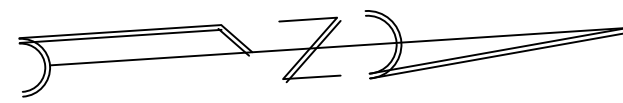
A1.2



(E) BUILDING AREA: 2,824 SQ.FT.

FLOOR PLAN (WITH EXIT TRAVEL)

SCALE: 1" = 4'



SECTION A

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

GENERAL NOTES:

* ENSURE STREET ADDRESS AND/OR SUITE NUMBERS ARE VISIBLE FROM THE STREET. NUMBER SHALL BE A MIN. OF 6" IN HEIGHT WITH A STROKE WIDTH APPROPRIATE FOR THE HEIGHT. NUMBERS PLACED ON GLASS SHALL HAVE A CONTRASTING COLOR APPLIED TO THE GLASS CFC 505.1

* A READILY VISIBLE DURABLE SIGN SHALL BE POSTED ON OR ADJACENT TO THE MAIN DOOR STATING : THIS DOOR MUST REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED. CFC 1008.1.8.3.

* THIS BUILDING IS LIMITED IN USE TO THOSE LISTED OCCUPANCY TYPES, ANY CHANGE IN THE USE/OCCUPANCY REQUIRES REVIEW APPROVAL BY THE BUILDING DIVISION. CBC SECTION 111

* THE MAXIMUM FLAME SPREAD CLASS OF FINISH MATERIALS USED ON THE INTERIOR WALLS AND CEILINGS SHALL NOT EXCEED CLASS B FOR EXIT WAYS & CLASS C FOR ROOMS OR AREAS PER CBC TABLE 803.9

* IN ALL OCCUPANCIES, QUANTITIES OF FLAMMABLE & COMBUSTIBLE LIQUIDS IN EXCESS OF 10 GA. USED FOR MAINTENANCE PURPOSES & THE OPERATION OF EQUIPMENT SHALL BE STORED IN LIQUID STORAGE CABINETS IN ACCORDANCE WITH CFC 7902.5.8.

* ALL DOORS EQUIPPED WITH LATCH SHALL HAVE LEVER TYPE.

PLUMBING FIXTURE CALCULATIONS:
PER CPC 422 (TABLE 422.1)

TABLE A. OCCUPANT LOAD FACTOR:
B OCCUPANCY: 1/200 SQ. FT..... 180 SQ. FT / 200 = 1 OCCUPANT (ACCESSORY USE)
F1 OCCUPANCY: 1/2,000 SQ. FT. 2,750 SQ. FT / 2,000 = 2 OCCUPANTS

TOTAL 3 OCCUPANTS.

TABLE 422.1 FOR F1 OCCUPANCY:
WATERCLOSETS REQUIRED: 1: 1-50 OCCUPANTS (1 PROVIDED)
LAVATORIES REQUIRED: 1: 1-50 OCCUPANTS (1 PROVIDED)
SHOWERS REQUIRED: 1: 15 OCCUPANTS (1 PROVIDED)
DRINKING FOUNTAINS REQ'D: 1: 250 OCCUPANTS (1 HI-LOW PROVIDED)
1 SERVICE SINK REQUIRED (1 PROVIDED)

EXCEPTION 422.2: IF OCCUPANT LOAD IS LESS THAN 10 PERSONS, A SINGLE UNISEX RESTROOM MAY BE PROVIDED.

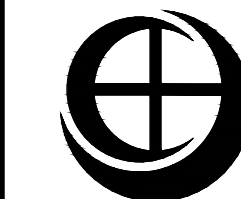
LEGEND & KEY NOTES:

- REMOVE WALL / DOOR
- EXISTING EXTERIOR WALL TO REMAIN, 2x6 STUDS @ 16"oc INFILL ON INTERIOR, (E) METAL SIDING O/ BUILDING PAPER, R-19 INSULATION, 15/32 OSB PANELING ON INTERIOR SIDE
- NEW EXTERIOR WALL, 2x6 STUDS @ 16"oc, (N) METAL SIDING O/ BUILDING PAPER, R-19 INSULATION, 15/32 OSB PANELING ON INTERIOR SIDE
- NEW 2x4 OR 2x6 STUDS @ 16"oc INTERIOR NON BEARING WALLS W/ 15/32 OSB PANELING OVER (WAINSCOT OVER PANELING IN UNISEX)
- 2A10BC FIRE EXTINGUISHER W/ SEMI-RECESSED CABINET, HANDLE OF CABINET MOUNTED @ 48" A.F.F. (MAX.)
- ACCESSIBLE BATHROOM PER ADA TOILET DETAILS @ SHEET A1.0
- RECEPTION P-LAM COUNTERTOP 42" A.F.F. & 34" A.F.F.
- H.C. TOILET SIGNS ON DOOR & LATCH SIDE OF WALL, SEE ADA DETAILS @ SHEET A1.0
- H.C. ENTRANCE SIGNAGE ON WALL OR ON SIDE LITE, SEE ADA SIGN DETAILS @ SHEET A2.6
- 1/2" MAX. HIGH THRESHOLD TRANSITION, SEE DETAIL SHEET A1.0
- ILLUMINATED EXIT SIGN + EXIT ROUTE SIGN ON WALL PER DOOR / SIGN DETAIL ON SHEET A1.0
- ILLUMINATED EXIT SIGN + EXIT SIGN ON WALL PER DOOR / SIGN DETAIL ON SHEET A1.0
- 36"x60" MIN. ROLL IN ADA SHOWER, SEE DETAIL SHEET A1.0
- (N) SERVICE SINK
- (N) HI-LOW DRINKING FOUNTAIN, SEE DETAIL SHEET A1.0
- PICK UP OF FINAL PRODUCT ONLY - NO CUSTOMERS WILL BE PRESENT AND NO SALES WILL TAKE PLACE IN THIS AREA

Revisions:

COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



FLOOR PLAN SECTION

COPPERHILL VENTURES, INC.
3615 COPPER HILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

12/22/17

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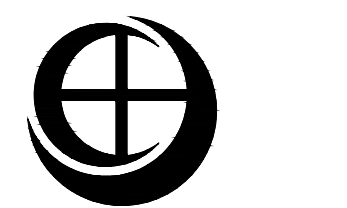
SEE PLAN

JOB NUMBER:

CADD FILE:

SHEET:

A2.0



PLANS PREPARED UNDER
THE SUPERVISION OF:

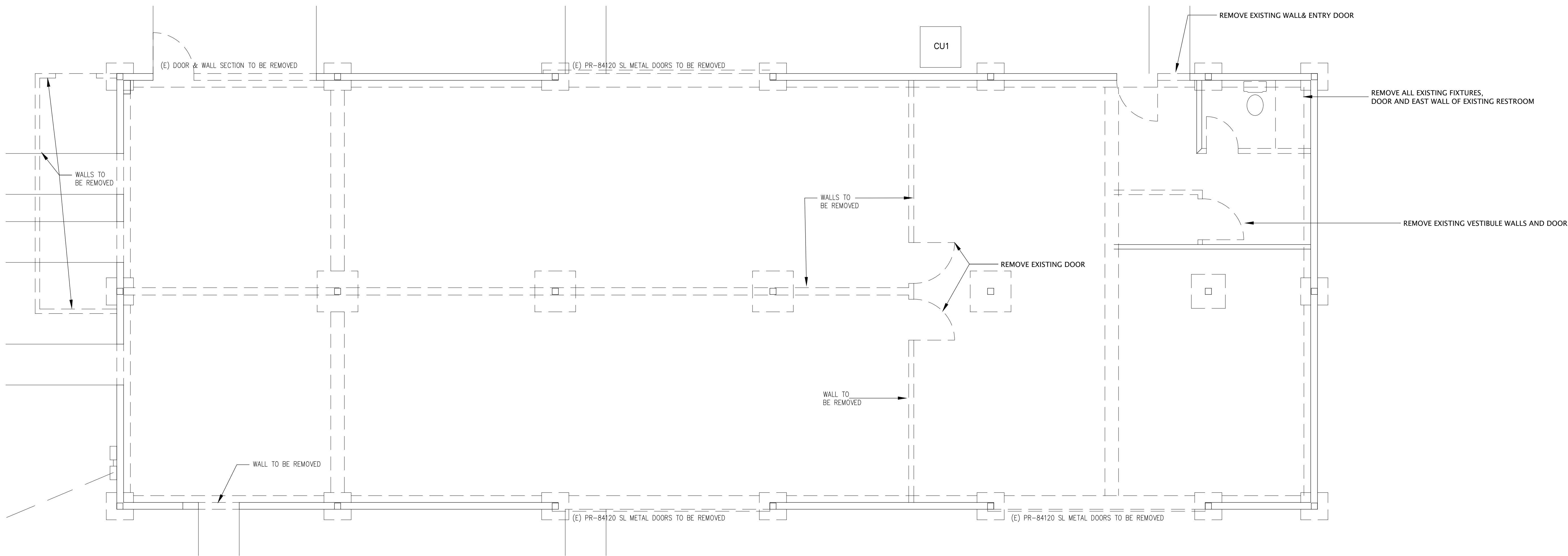


DEMO PLAN / RESTROOM PLAN / WALL CONSTRUCTION DETAILS

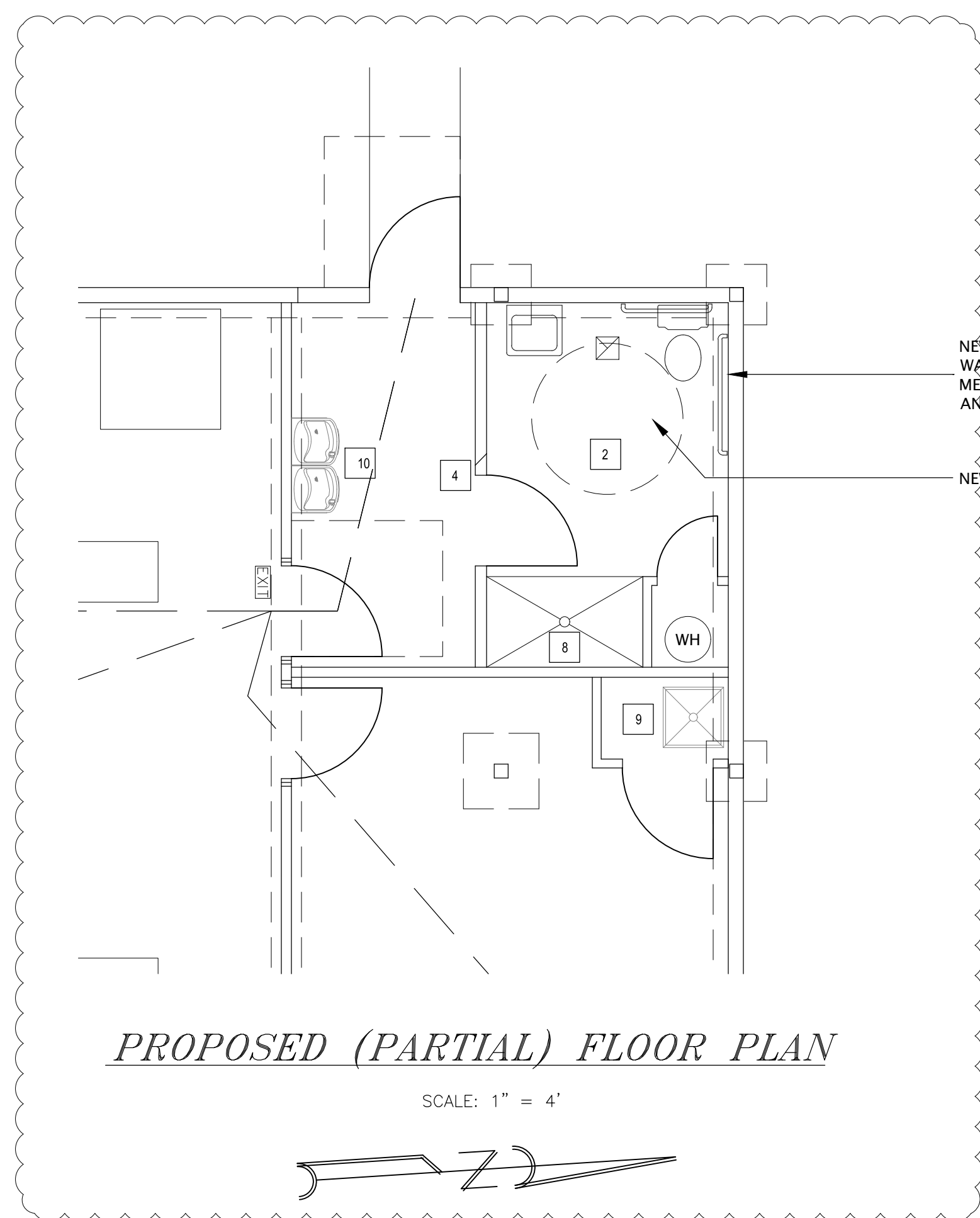
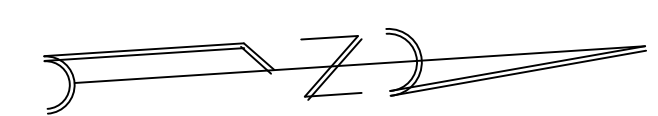
COPPERHILL VENTURES, INC.
5815 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:
DATE PLOTTED:
12/22/17
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SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET:

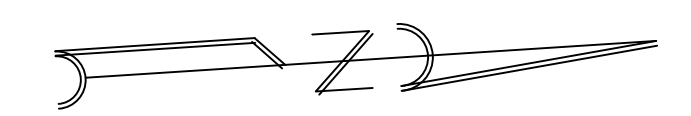
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DEMO FLOOR PLAN
SCALE: 1" = 4'



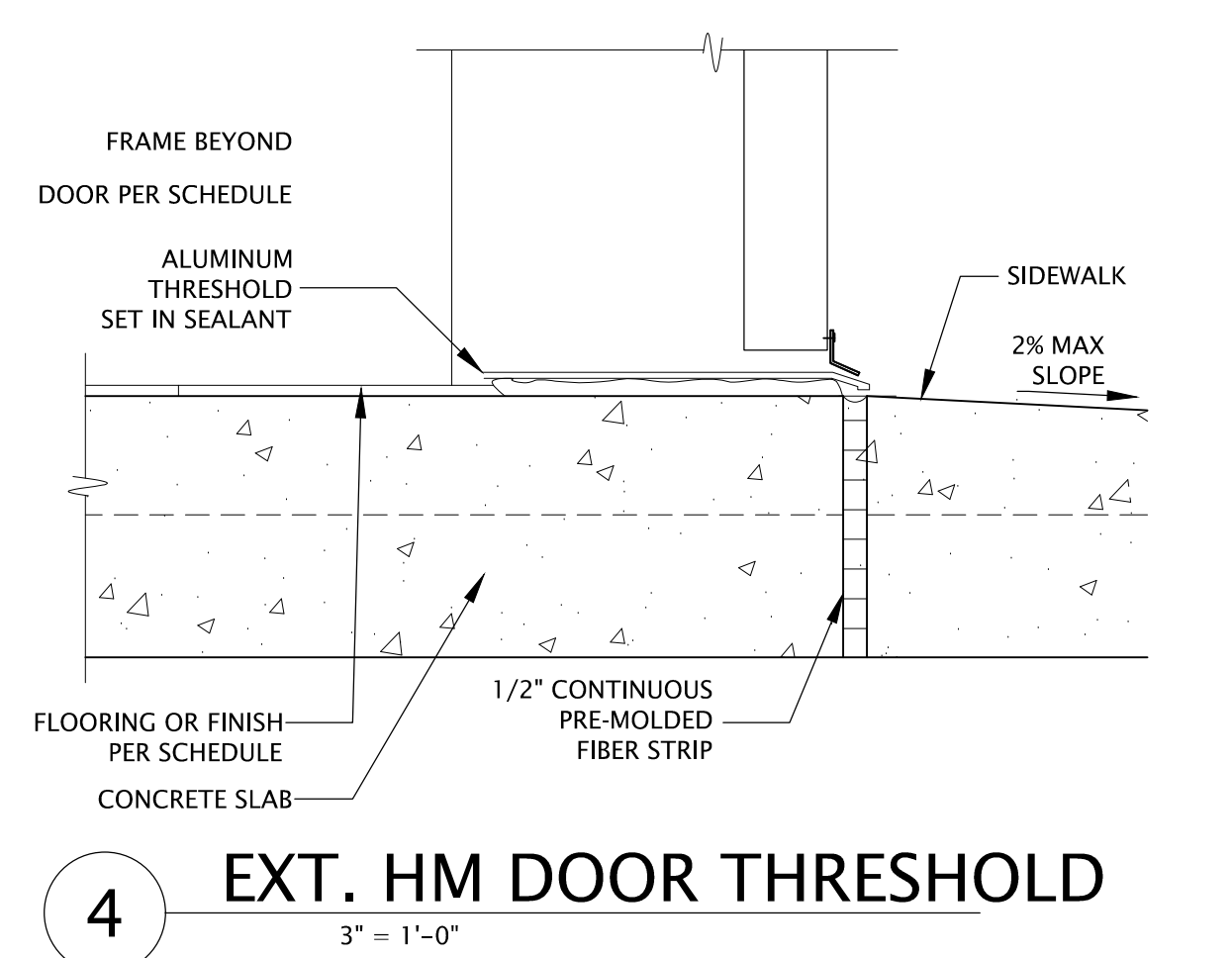
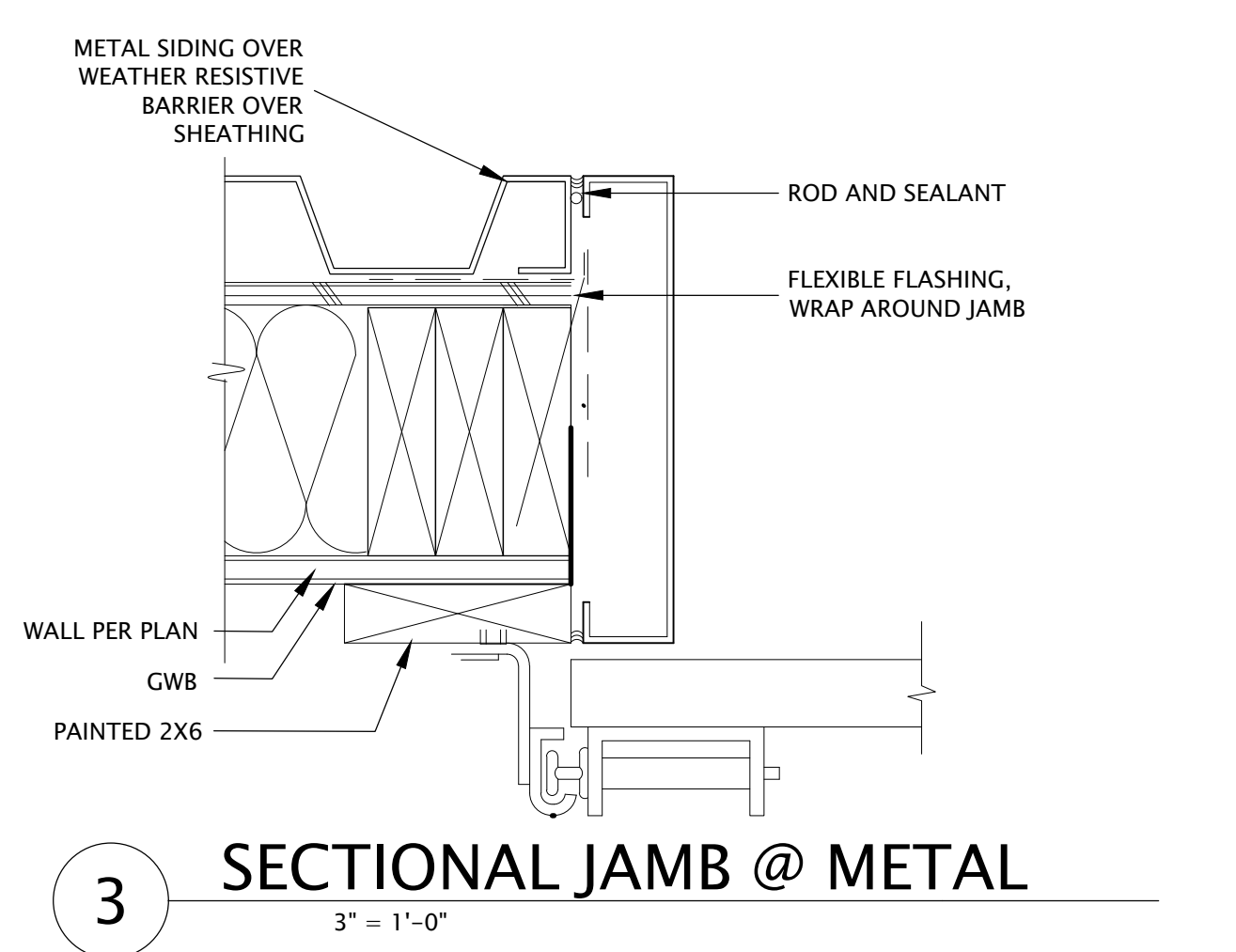
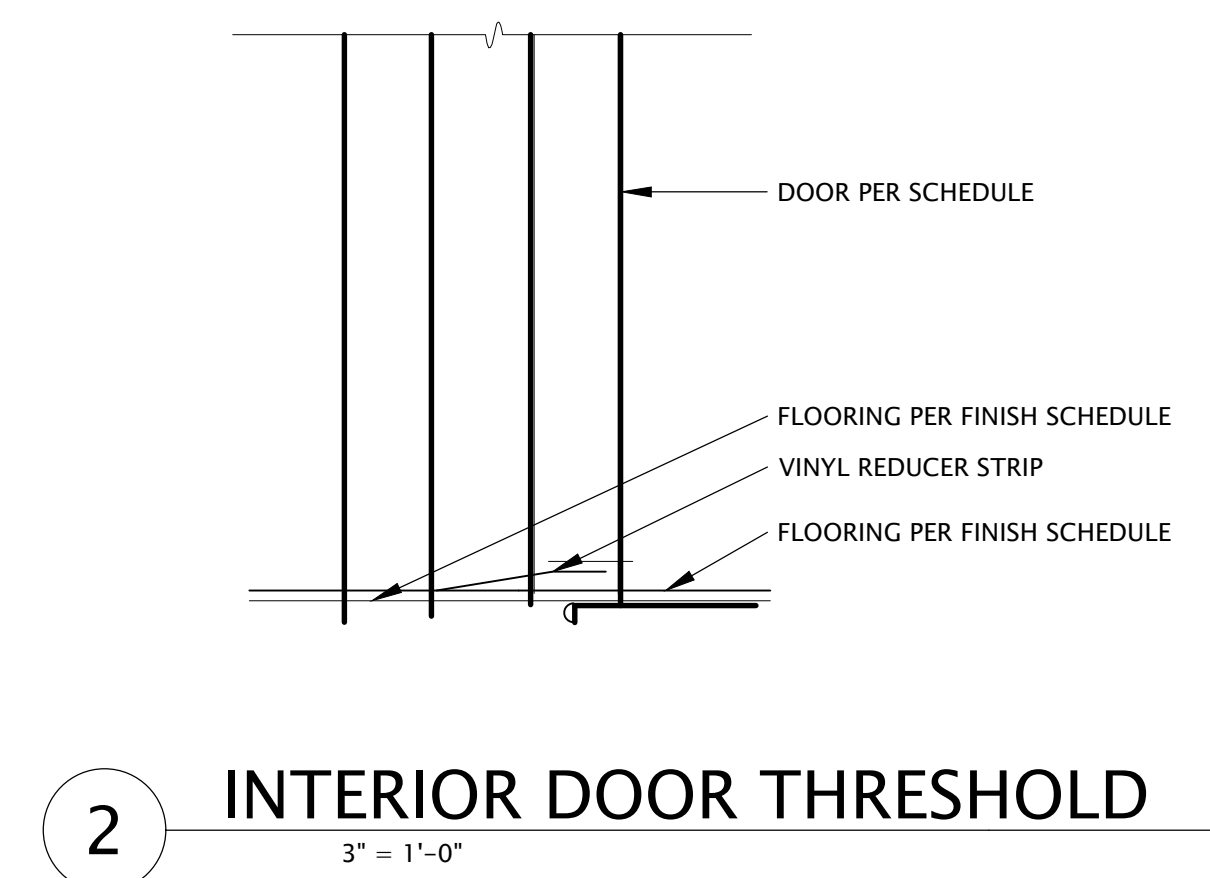
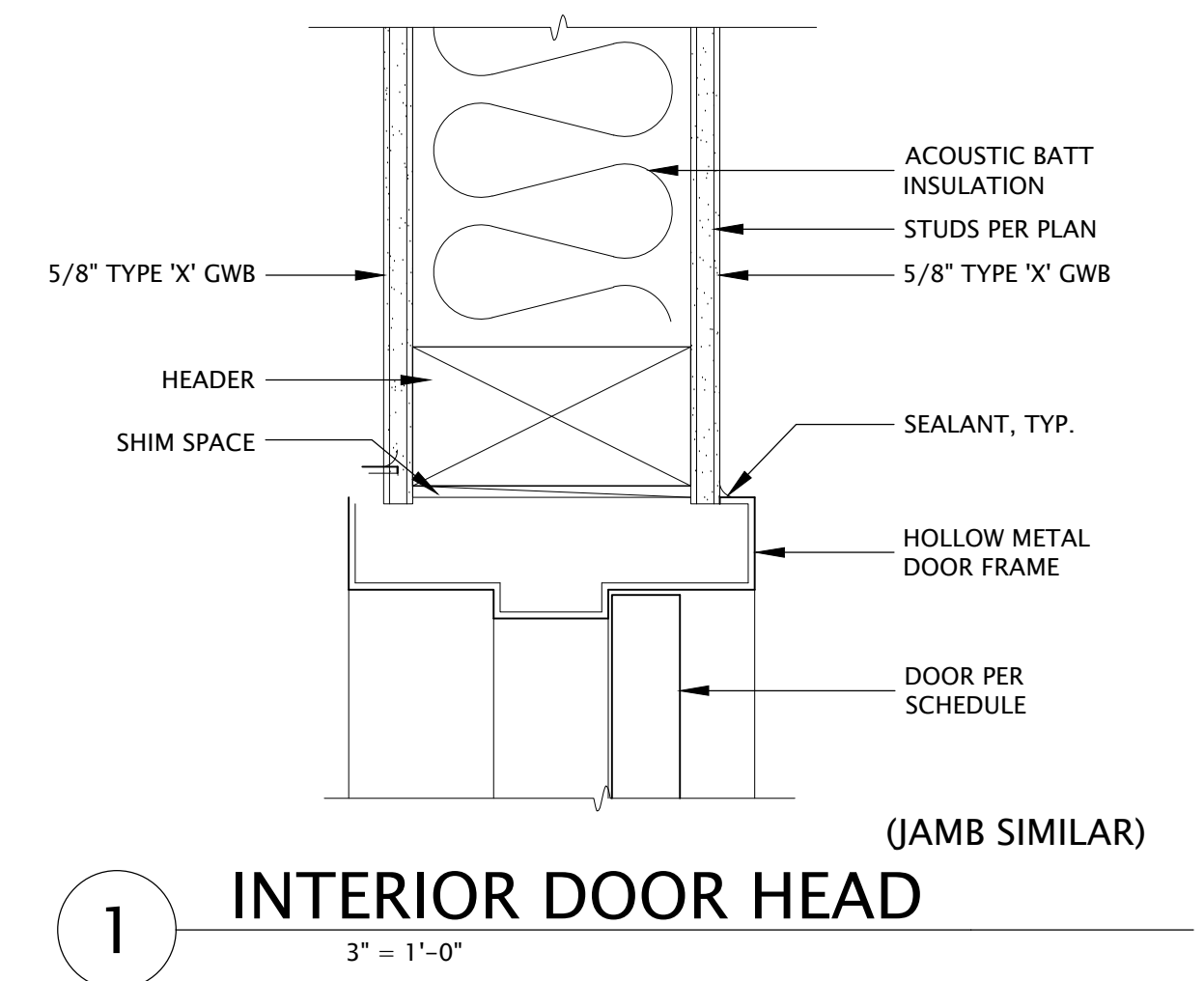
PROPOSED (PARTIAL) FLOOR PLAN
SCALE: 1" = 4'

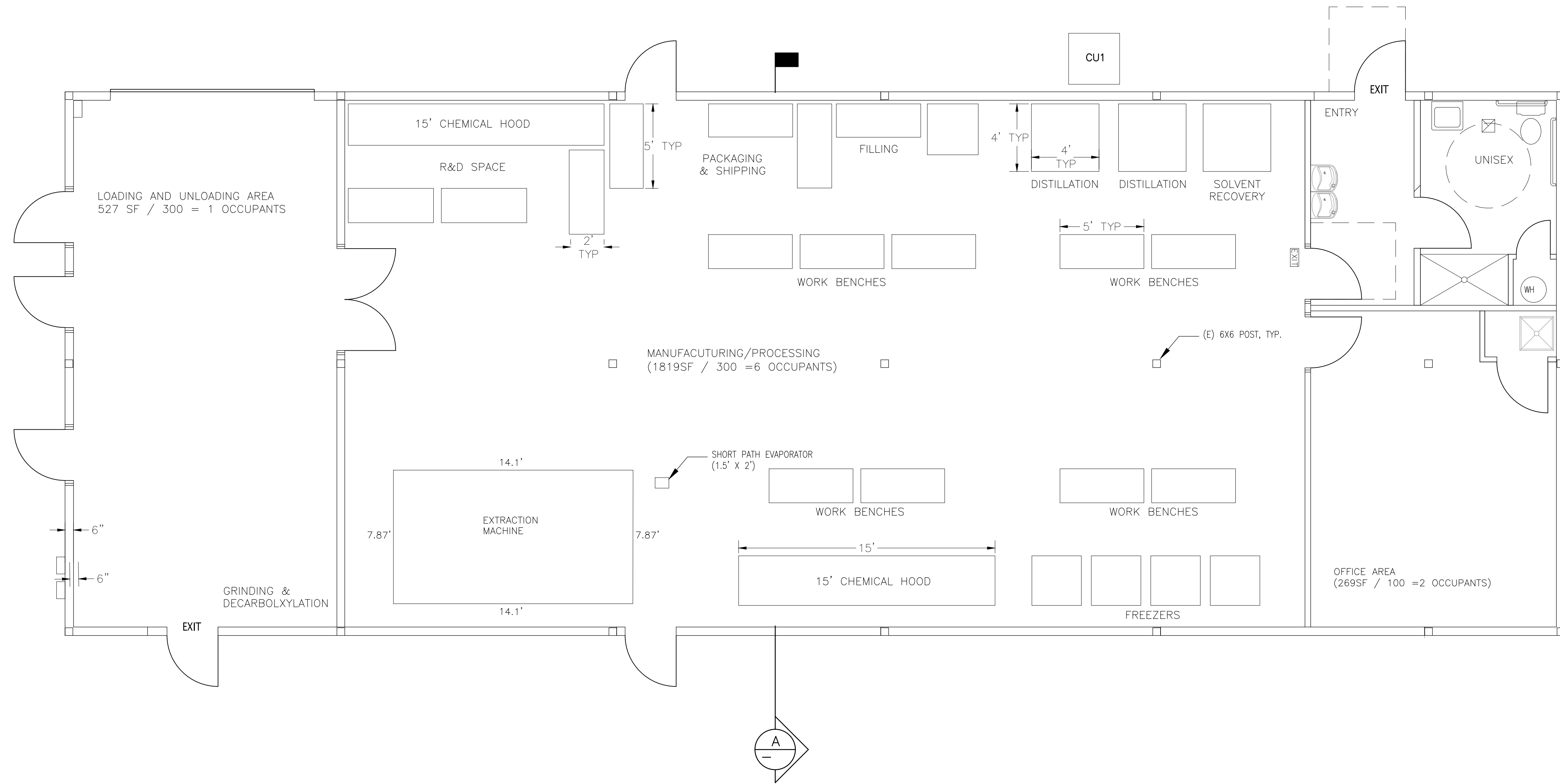


NEW ACCESSIBLE WATER CLOSET, GRAB BARS,
WALL HUNG LAVATORY AND ROLL IN SHOWER;
MEET ALL CLEARANCES NOTED ON THIS SHEET
AND SHEET A1.0

NEW LIGHT FIXTURE AND EXHAUST FAN

- LEGEND & KEY NOTES:
- REMOVE WALL / DOOR
 - EXISTING WALL TO REMAIN
 - EXISTING WALL, 2x6 STUDS @ 16"oc INFILL EXTERIOR WALLS. (E) METAL SIDING O/
BUILDING PAPER, R-19 INSULATION, 15/32 OSB PANELING ON INTERIOR SIDE
 - NEW 2x4 OR 2x6 STUDS @ 16"oc INTERIOR NON BEARING WALLS W/
15/32 OSB PANELING OVER (WAINSCOT OVER PANELING IN UNISEX)
 - ACCESSIBLE BATHROOM PER ADA TOILET DETAILS @ SHEET A1.0; SEE SHEET A2.0 FOR
ADDITIONAL NOTES AND DIMENSIONS
 - H.C. TOILET SIGNS ON DOOR & LATCH SIDE OF WALL, SEE ADA DETAILS @ SHEET A1.0
 - 36"x60" MIN. ROLL IN ADA SHOWER, SEE DETAIL SHEET A1.0
 - (N) SERVICE SINK
 - (N) HI-LOW DRINKING FOUNTAIN, SEE DETAIL SHEET A1.0





INTERIOR LAYOUT PLAN

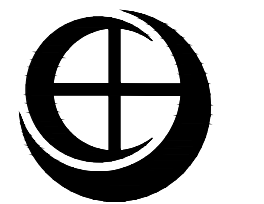
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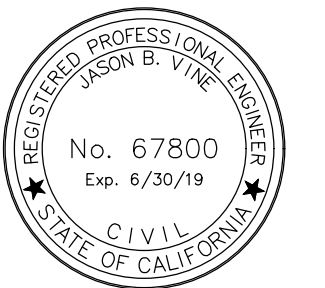
Revisions:

△ COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



INTERIOR LAYOUT

COPPERHILL VENTURES, INC.
3615 COPPER HILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

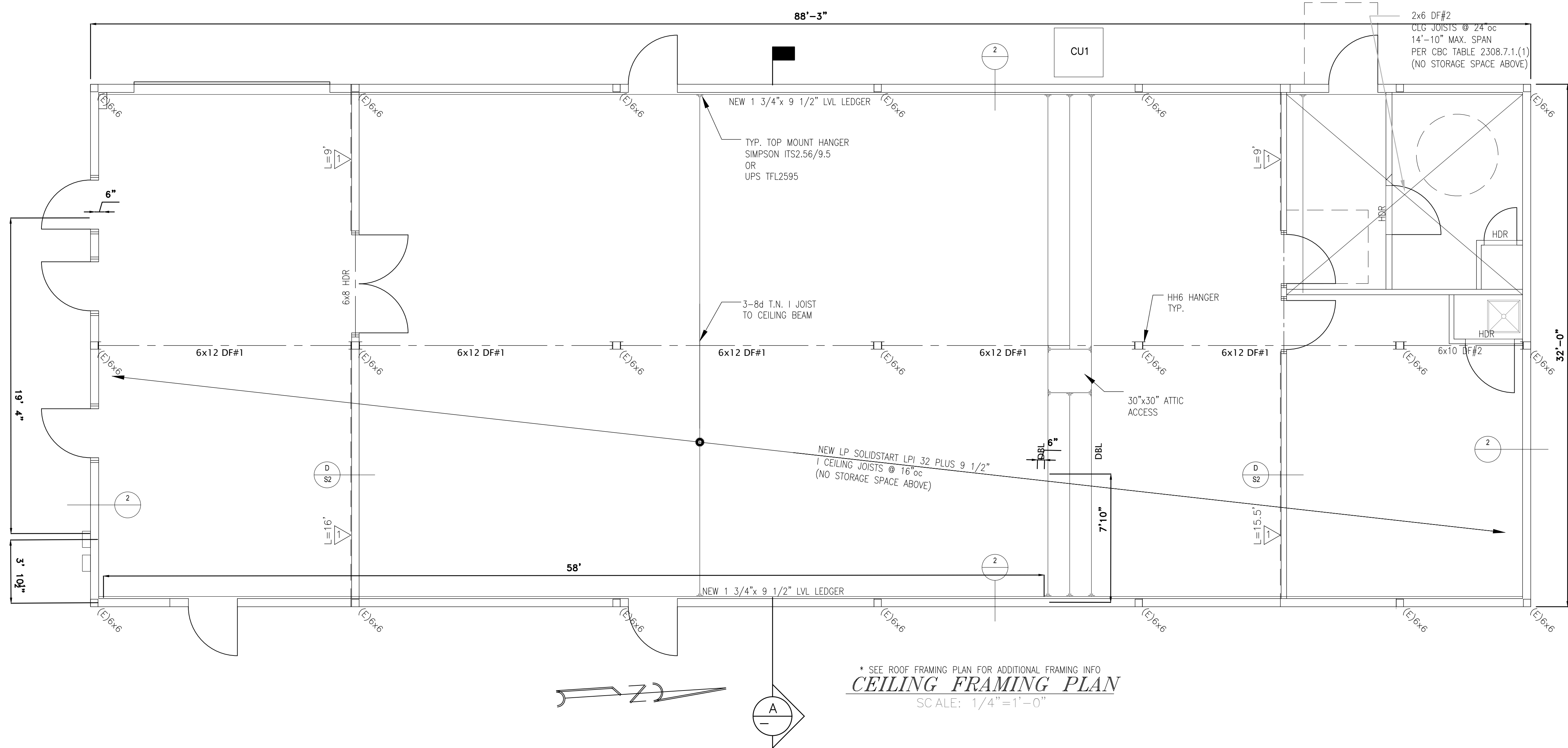
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JOB NUMBER:

CADD FILE:

SHEET:

A2.2



WALL LEGEND

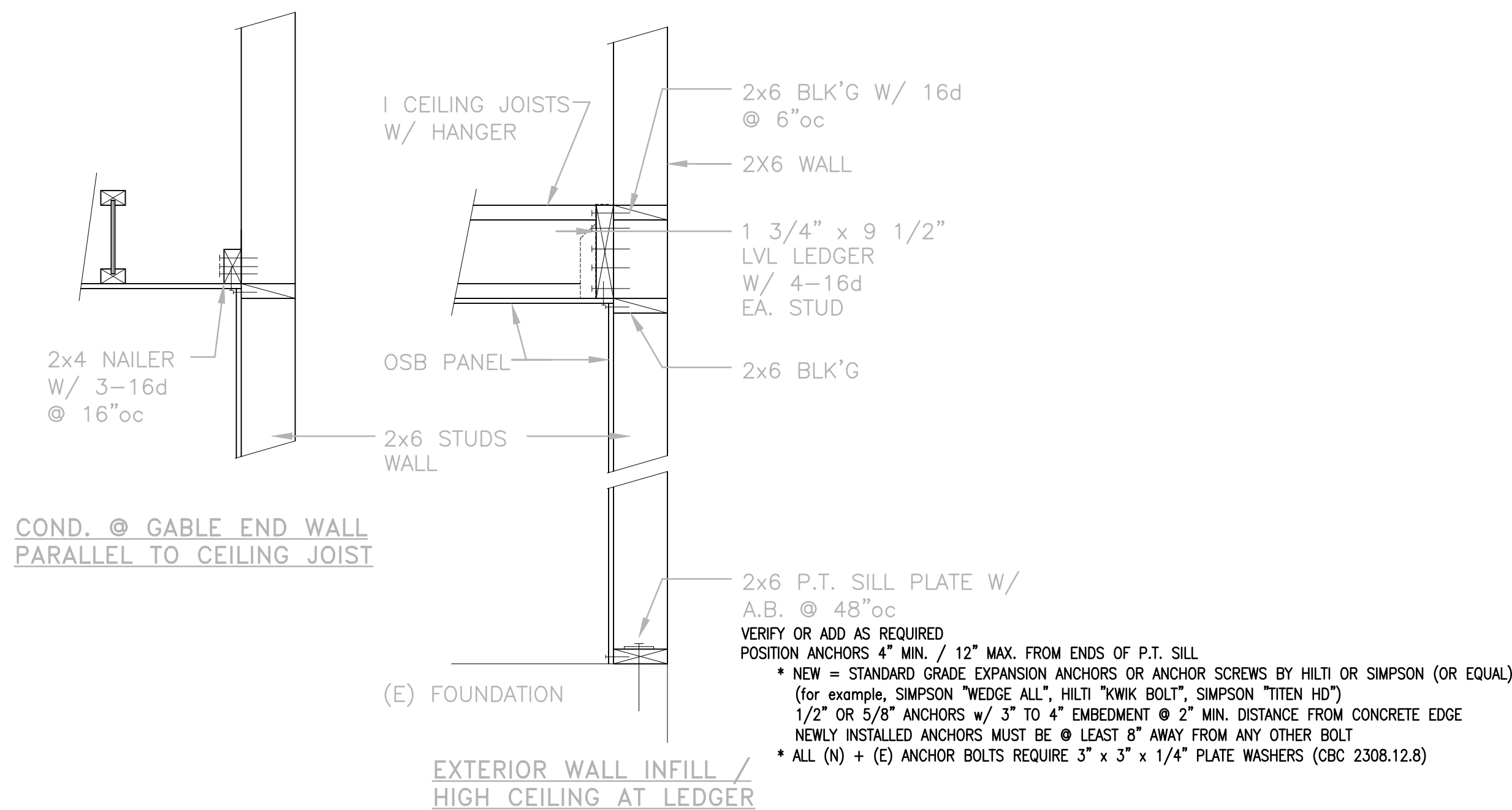
- EXISTING OR NEW NON BEARING WALL
- NEW 2x6 STUDS @ 16"oc EXTERIOR BEARING WALLS. (E) METAL SIDING O/ BUILDING PAPER, R-19 INSULATION, 15/32 OSB PANELING ON INTERIOR SIDE
- NEW 2x6 STUDS @ 16"oc BEARING BALLOON FRAME WALLS

FRAMING NOTES:

- SEE ROOF FRAMING PLAN FOR FRAMING NOTES

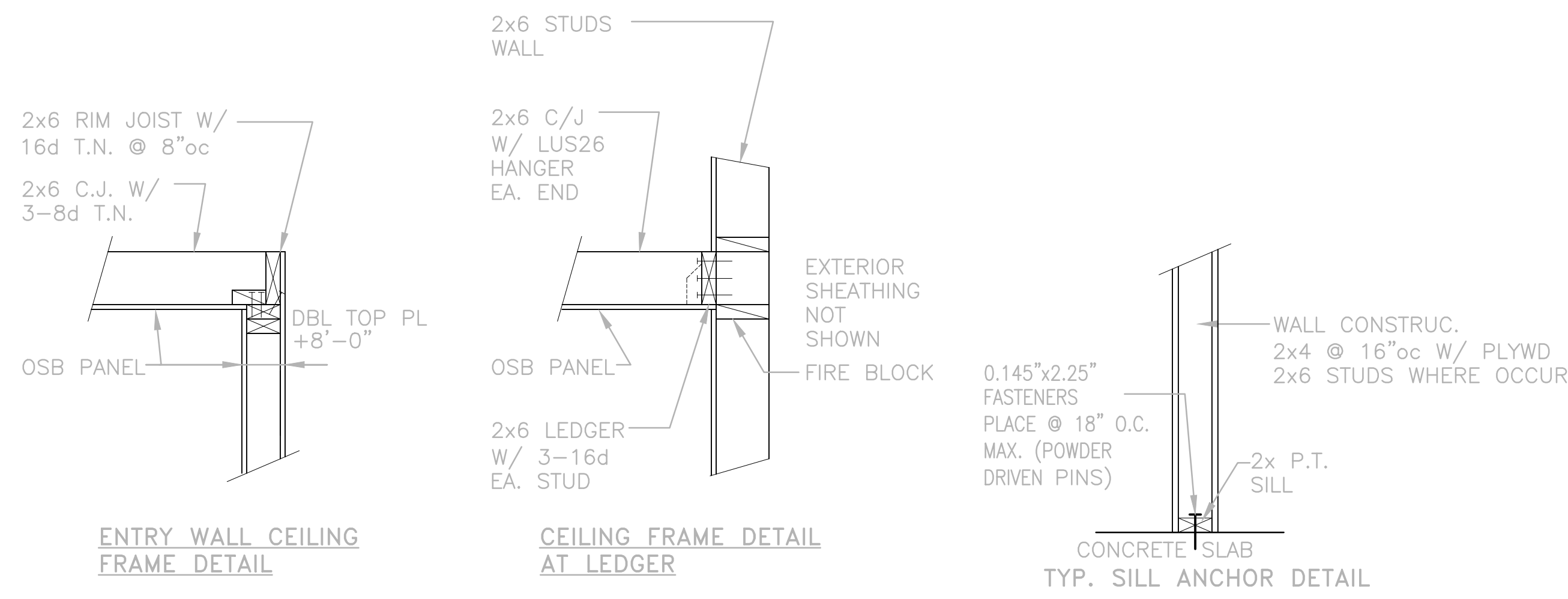
CEILING FRAMING PLAN

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



CEILING AT EXTERIOR WALL

SCALE: 1"=1'-0"



NON-BEARING WALL DETAILS

SCALE: 1"=1'-0"

Revisions:
COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



CEILING FRAMING PLAN, FRAMING DETAILS

TENANT IMPROVEMENTS

Copper Hill Holdings, LLC
3615 Copper Hill
Santa Rosa, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

2/26/2017

SCALE OF DRAWING:

1 1/4" = 1'

JOB NUMBER:

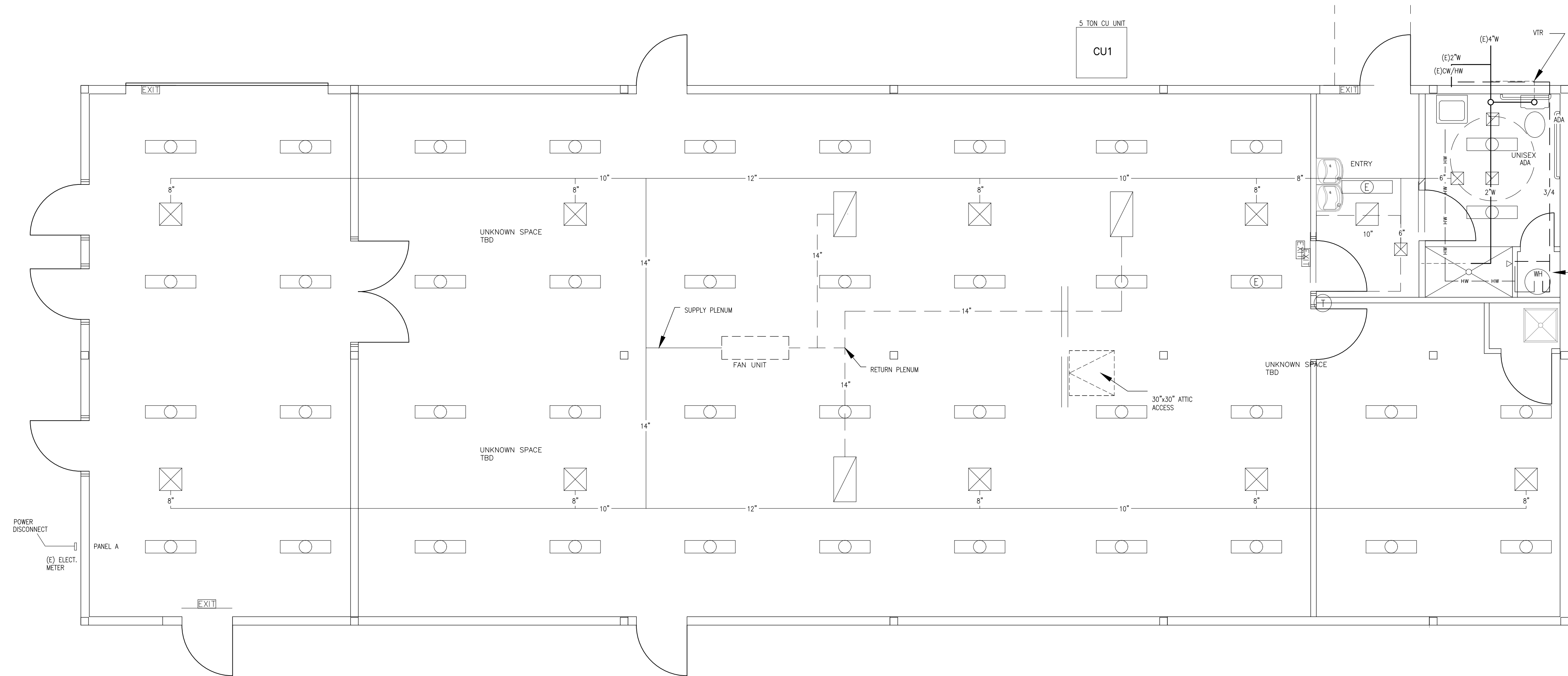
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A3

MECHANICAL / PLUMBING PLAN

SCALE: 1" = 4'



PIPING MATERIAL SCHEDULE				
TYPE	INTERIOR	EXTERIOR	INSULATION	NOTES
COLD WATER	ARENE FINISH FLOOR TYPE 1" COPPER OR EQUAL	SCHEDULE 40 PVC	IN ATTIC AND EXTERIOR WALLS	USE TYPE "M" COPPER OR EQUAL UNDER SLAB
HOT WATER	ARENE FINISH FLOOR TYPE 1" COPPER OR EQUAL	NA	ALL HOT WATER LINES TO BE INSULATED	USE TYPE "M" COPPER OR EQUAL UNDER SLAB
WASTE AND VENT	NO-HUB CAST IRON PVC - DWV	SDR-35 PVC	NA	SCHEDULE 40 PVC-DWV MAY BE USED WITH BUILDING DEPARTMENT APPROVAL
GAS	SCHEDULE 40 BLACK STEEL THREADED OR WELDED PIPE	PVC COATED BLACK STEEL THREADED OR WELDED PIPE	NA	-
DRAIN	SOIL 40 PVC OR TYPE 1" COPPER	SCHEDULE 40 PVC	NA	-

PLUMBING NOTES & SYMBOLS

- * VERIFY EQUIPMENT SPECIFICATIONS FOR TYPE OF LINES & SIZES
- * PROVIDE WALL CLEAN OUT AT EACH FIXTURES W/ S.S. COVER PLATE
- * ALL FAUCET SHALL BE LEVER TYPE
- * PLUMBING FIXTURE W/ "ADA" SHALL BE ADA COMPLIANCE
- * LAVATORY FIXTURES TO HAVE 0.50GPM MAXIMUM FLOW, WATER CLOSETS TO HAVE 1.28 GALLON/FLUSH MAXIMUM FLOW, IN COMPLIANCE WITH GBC SECTION 5.303

- HW HW 3/4" HOT WATER MAIN 1/2" BRANCH
- CW CW COLD WATER 3/4" MAIN 1/2" BRANCH (3/4" TO W.H.)
- W WASTE LINE W/ 1 1/2" VENT TO ROOF (2" VTR @ WC)
- GAS GAS 1" MAIN GAS LINE & 3/4" BRANCH NEW FICAE GAS METER SHUT OFF VALVE AT FURNACES & HW HEATER

PLUMBING GENERAL NOTES:

- ALL HOSE BIBBS SHALL BE PROTECTED BY LISTED NON-REMOVABLE HOSE BIBB TYPE VACUUM BREAKER OR A LISTED ATMOSPHERIC VACUUM BREAKER INSTALLED AT LEAST SIX INCHES ABOVE THE HIGHEST POINT OF USAGE LOCATED ON THE DISCHARGE SIDE OF THE LAST VALVE. IN CLIMATES WHERE FREEZING TEMPERATURES OCCUR, A LISTED SELF-DRAINING FROST-PROOF HOSE BIBB WITH AN INTEGRAL BACKFLOW PREVENTER OR VACUUM BREAKER SHALL BE USED. CPC 603.4.
- ALL WATER PIPES SHALL BE INSTALLED IN THE EXTERIOR WALL SHALL BE LOCATED ON THE CONDITIONED SIDE OF THE WALL ADJACENT TO THE INTERIOR FINISH.
- PROVIDE 1" CONDENSATE DRAIN LINE FROM AC FAN UNIT TO DAYLIGHT.
- AT TIME OF ROUGH INSTALLATION ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.

MECHANICAL

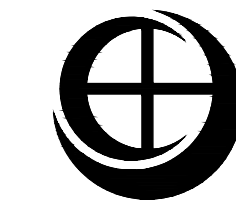
- DISCONNECT
- EXISTING FUSED DISCONNECT FOR CU UNITS
- EXHAUST FAN 110 CFM W/ 4" VENT TO ROOF
- FAN UNIT FAN MAX. 1999 CFM, 8" OUTSIDE AIR INTAKE 100W HEAT STRIP UNIT ON PLWID DECK ABOVE CEILING
- THERMOSTAT INSTALLED @ 48" A.F.F. MAX.
- SUPPLY RESISTER W/ GRILLE
- RETURN RESISTER W/ GRILLE

* ALL DUCTS WITH R-6 INSULATION

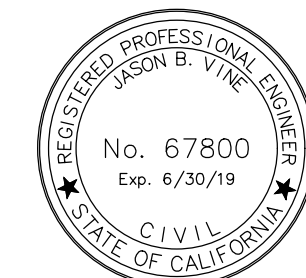
Revisions:

COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



MECHANICAL / PLUMBING PLAN

COPPERHILL VENTURES, INC.
3815 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

12/22/17

SCALE OF DRAWING:

SEE PLAN

JOB NUMBER:

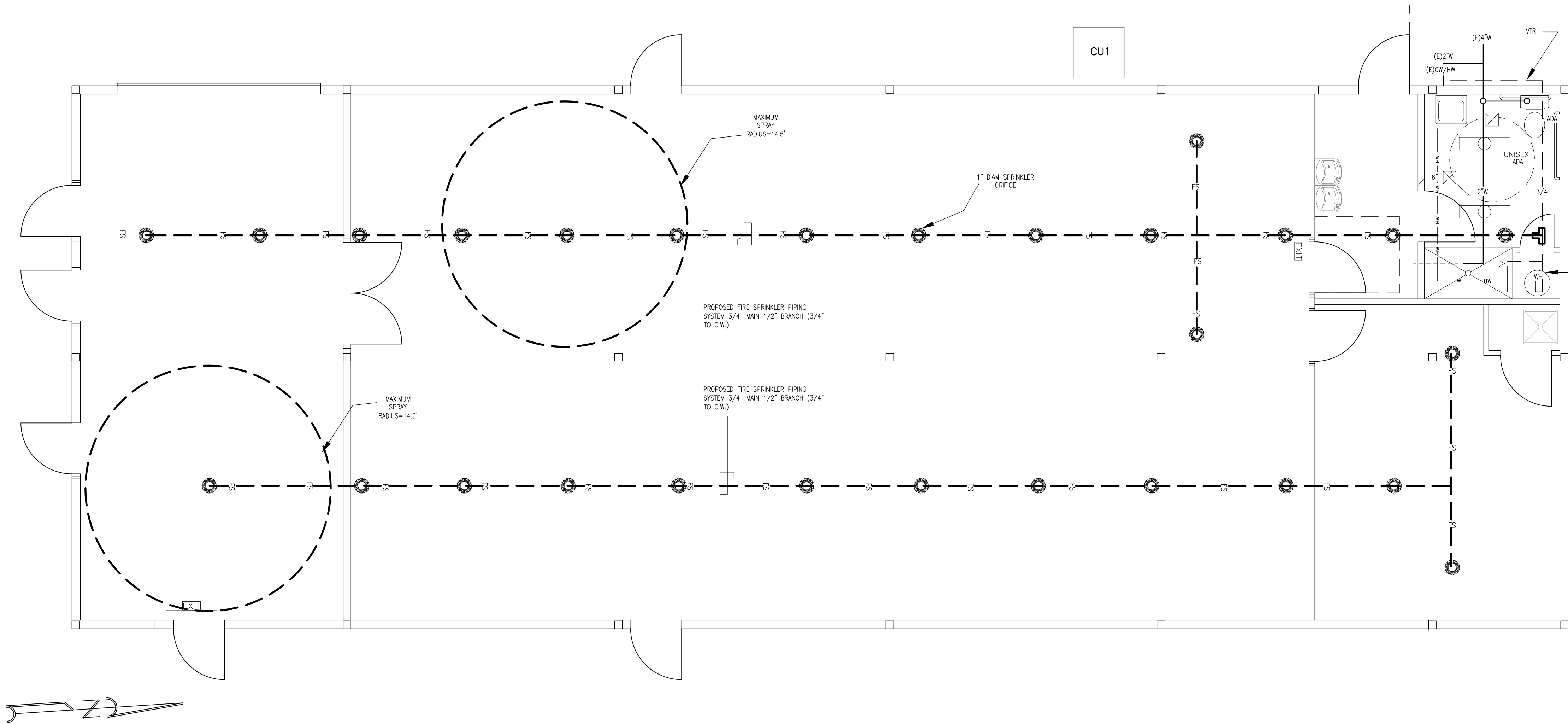
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SHEET:

MP1.0

MECHANICAL / PLUMBING PLAN

SCALE: 1" = 4'



PIPING MATERIAL SCHEDULE				
TYPE	INTERIOR	EXTERIOR	INSULATION	NOTES
COLD WATER	ABOVE FINISH FLOOR TYPE 1\"/>	SCHEDULE 40 PVC	IN ATTIC AND EXTERIOR WALLS	USE TYPE \"M\" COPPER OR EQUAL UNDER SLAB
HOT WATER	ABOVE FINISH FLOOR TYPE 1\"/>	NA	ALL HOT WATER LINES TO BE INSULATED	USE TYPE \"M\" COPPER OR EQUAL UNDER SLAB
WASTE AND VENT	NO-HUB CAST IRON PVC - DWV	SCR-35 PVC	NA	SCHEDULE 40 PVC-DWV MAY BE USED WITH BUILDING DEPARTMENT APPROVAL
GAS	SCHEDULE 40 BLACK STEEL THREADED	BELOW GRADE PVC COATED BLACK STEEL THREADED OR WELDED PIPE ABOVE GRADE BLACK STEEL THREADED	NA	-
DRAIN	SOIL 40 PVC OR TYPE 1\"/>	SCHEDULE 40 PVC	NA	-

- PLUMBING NOTES & SYMBOLS
- * VERIFY EQUIPMENT SPECIFICATIONS FOR TYPE OF LINES & SIZES
 - * PROVIDE WALL CLEAN OUT AT EACH FIXTURES W/ S.S. COVER PLATE
 - * ALL FAUCET SHALL BE LEVER TYPE
 - * PLUMBING FIXTURE W/ \"ADA\" SHALL BE ADA COMPLIANCE
 - * LAVATORY FIXTURES TO HAVE 0.5GPM MAXIMUM FIXTURE FLOW. WATER CLOSETS TO HAVE 1.28 GALLON/FLUSH MAXIMUM FIXTURE FLOW. IN COMPLIANCE WITH GBC SECTION 5.303

- PLUMBING GENERAL NOTES:
- ALL HOSE BIBBS SHALL BE PROTECTED BY LISTED NON-REMOVABLE HOSE BIBB TYPE VACUUM BREAKER OR A LISTED ATMOSPHERIC VACUUM BREAKER INSTALLED AT LEAST SIX INCHES ABOVE THE HIGHEST POINT OF USAGE LOCATED ON THE DISCHARGE SIDE OF THE LAST VALVE. IN CLIMATES WHERE FREEZING TEMPERATURES OCCUR, A LISTED SELF-DRAINING FROST-PROOF HOSE BIBB WITH AN INTEGRAL BACKFLOW PREVENTER OR VACUUM BREAKER SHALL BE USED. CPC 603.4.
 - ALL WATER PIPES SHALL BE INSTALLED IN THE EXTERIOR WALL SHALL BE LOCATED ON THE CONDITIONED SIDE OF THE WALL ADJACENT TO THE INTERIOR FINISH.
 - PROVIDE 1\"/>
 - AT TIME OF ROUGH INSTALLATION ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
 - 15,36,090 FIRE FLOW REQUIREMENTS FOR BUILDING. SECTION 507, FIRE PROTECTION WATER SUPPLIES.507.1 REQUIRED WATER SUPPLY: AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW FOR FIRE PROTECTION OF PORTIONS OF BUILDINGS THAT ARE HEREAFTER CONSTRUCTED OR MOVED ONTO OR WITHIN THE JURISDICTION. SUCH WATER SUPPLY SHALL BE CONNECTED TO THE MUNICIPAL WATER SUPPLY IF AVAILABLE WITHIN 1,000 FT. OF THE SUBJECT PROPERTY.

- MECHANICAL
- DISCONNECT
 - EXISTING FUSED DISCONNECT FOR CU UNITS
 - EXHAUST FAN 110 CFM W/ 4\"/>
 - FAN UNIT: FAN MAX. 1999 CFM, 8\"/>
 - THERMOSTAT INSTALLED @ 48\"/>
 - SUPPLY RESISTER W/ GRILLE
 - RETURN RESISTER W/ GRILLE
 - * ALL DUCTS WITH R-6 INSULATION

Revisions:
COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493

PLANS PREPARED UNDER
THE SUPERVISION OF:



MECHANICAL / PLUMBING PLAN

COPPERHILL VENTURES, INC.
3815 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:
DATE PLOTTED:
12/22/17
SCALE OF DRAWING:
SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET:

MP1.1

HVAC GENERAL NOTES

SPLIT SYSTEM FURNACE UNIT IN ATTIC SPACE + CONDENSING UNIT OUTSIDE.

FAU 1 & 4 YORK TM9E080C16 1200 CFM 95%AFUE 80,000 BTU INPUT/ 76,000 BTU OUTPUT 9.5AMP MIN. 15AMP MAX. 115V + 8" OUTSIDE AIR INTAKE

FAU 2 & 3 YORK TM9E080B12 1200 CFM 95%AFUE 80,000 BTU INPUT/ 76,000 BTU OUTPUT 9.5AMP MIN. 15AMP MAX. 115V + 8" OUTSIDE AIR INTAKE

(E) 24" WIDE PLATFORM WORK SPACE IN ATTIC SPACE

CU 1 & 4 YORK YCJF36S41, 7162624 ARI, 15/12.5 SEER/EER, 77 LRA, 19.1AMP MIN. 30AMP MAX. 240 V 1 PHASE

CU 2 & 3 YORK YCJF30S41, 7180688 ARI, 15/12.5 SEER/EER, 73 LRA, 18.4AMP MIN. 30AMP MAX. 240V 1 PHASE

CC 1-4 ADP CV36086

MECHANICAL



DISCONNECT



EXISTING FUSED DISCONNECT FOR CU UNITS



EXHAUST FAN 110 CFM W/ 4" VENT TO ROOF



FAN MAX. 1999 CFM, 8" OUTSIDE AIR INTAKE
10KW HEAT STRIP
UNIT ON PLYWD DECK ABOVE CEILING



THERMOSTAT INSTALLED @ 48" A.F.F. MAX.



SUPPLY RESISTER W/ GRILLE



RETURN RESISTER W/ GRILLE

HVAC CONTRACTOR

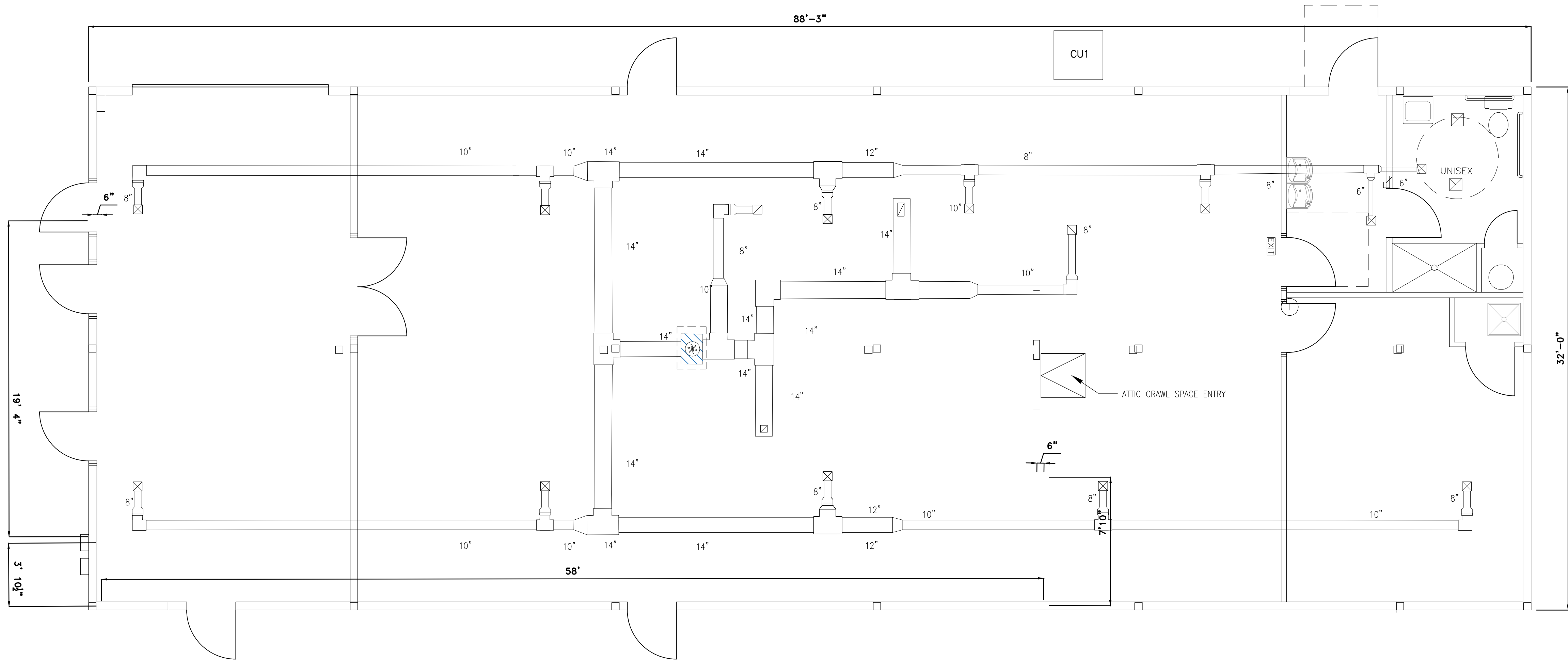
SIGNING THIS LAYOUT
WILL NOT BE HELD RESPONSIBLE OR LIABLE FOR
ANY OTHER CONTRACTORS WORK ON THIS PROJECT.
PLANS ARE VOID IF WORK IS NOT DONE BY THIS
CONTRACTOR AND MUST BE RESUBMITTED

BUSSINESS NAME: _____

OWNERS NAME: _____

PHONE NUMBER: _____

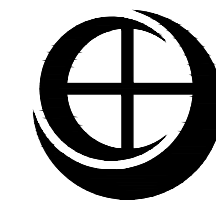
HVAC CONTRACTORS SIGNATURE: _____



Revisions:

△ COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



MECHANICAL (HVAC)

COPPERHILL VENTURES, INC.
3815 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

SCALE OF DRAWING:

JOB NUMBER:

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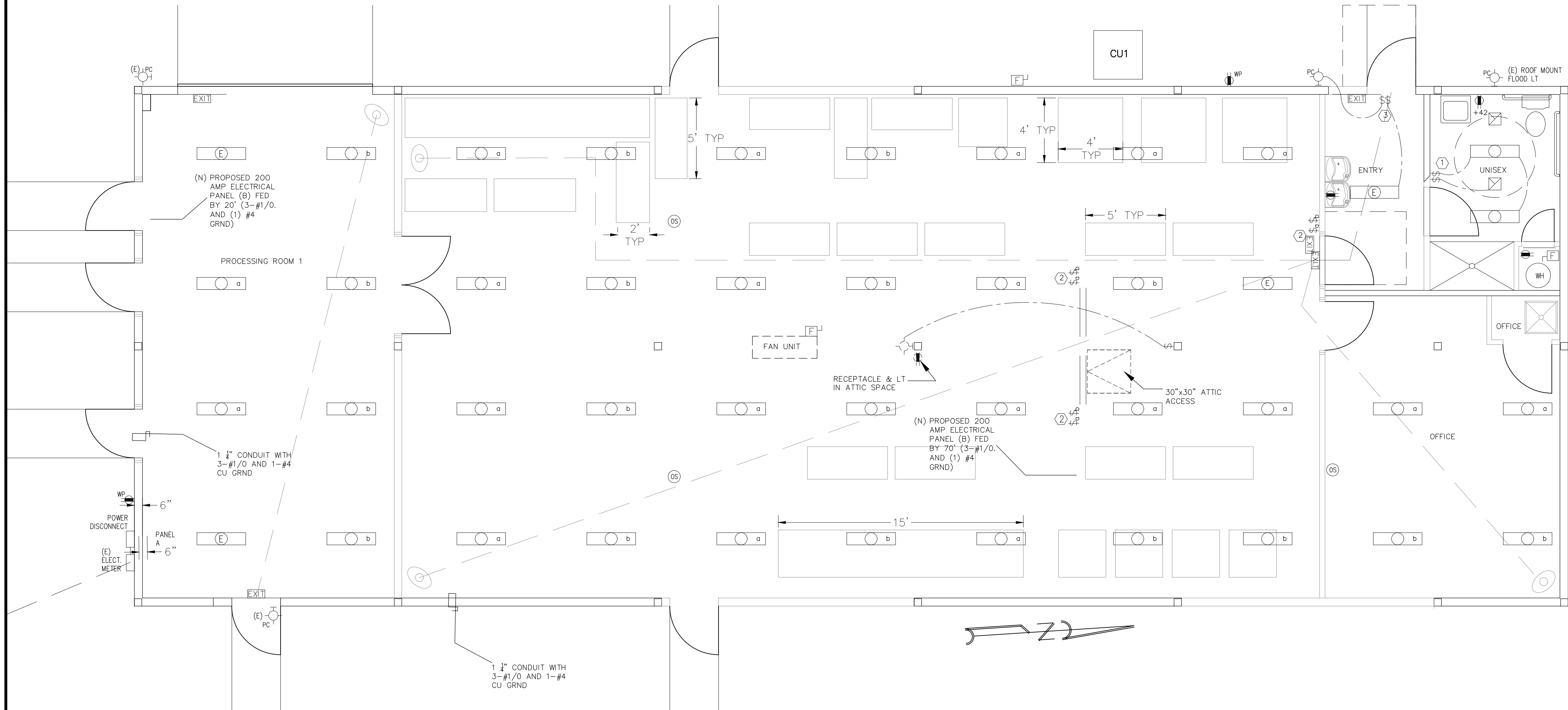
SHEET:

MP2

• REMOVE ALL EXISTING CONDUITS / OUTLETS / CONDUCTORS INSIDE BUILDING

ELECTRICAL PLAN

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



LEGEND:

POWER & SIGNAL:

- DUPLEX RECEPTACLE +15" A.F.F., U.O.N.
- DEDICATED DUPLEX RECEPTACLE +15" A.F.F., U.O.N.
- GFI DUPLEX RECEPTACLE +15" A.F.F., U.O.N.
- QUADLEX RECEPTACLE +15" A.F.F., U.O.N.
- 208V RECEPTACLE
- CEILING MOUNTED DUPLEX RECEPTACLE
- FLOOR (OR NEAR FLOOR) RECEPTACLE (QUADLEX)
- SINGLE GANG JUNCTION BOX, U.O.N.
- TELEPHONE/DATA +15" A.F.F.; RING & STRING TO ACCEPTABLE AREA
- TELEPHONE +15" A.F.F.; RING & STRING TO ACCEPTABLE AREA
- DATA, VERIFY LOCATION
- LENGTH OF PROPOSED WIRE RUN FOR NEW ELECTRICAL PANELS

FAN UNIT SEE MECHANICAL

LIGHTING:

- SINGLE POLE SWITCH, U.N.O. (SEE KEY NOTES) @ 48" A.F.F.
- 2-LAMP LED SURFACE MOUNTED LIGHT
- DEDICATED EGRESS LIGHT (NIGHT LT), SAME AS ABOVE. WIRED FOR 24 HR/DAY OPERATION TO ONE 15 AMP BREAKER WITH 14/2 MC LITE CABLE EM KXT
- WALL MOUNTED LIGHTING (U.O.N.)
- RECESSED LIGHTING
- DEDICATED EGRESS LIGHT (NIGHT LIGHT)
- ILLUMINATED EXIT SIGN W/ 90 MIN. BATTERY BACKUP, EM KXT
- OCCUPANCY SENSOR ON CEILING

MECHANICAL

- DISCONNECT
- FUSED DISCONNECT
- EXHAUST FAN MOTOR

KEY NOTES:

- PROVIDE AND INSTALL VACANCY MOTION SWITCH COMPATIBLE WITH LUMINAIRES
- PROVIDE AND INSTALL VACANCY MOTION/DIMMING SWITCH COMPATIBLE WITH LUMINAIRES OR MOTION/MULTI-LIGHTING CONTROL SYSTEM
- PROVIDE AND INSTALL DIMMING SWITCH COMPATIBLE WITH LUMINAIRES

EXISTING LOAD CALCULATION

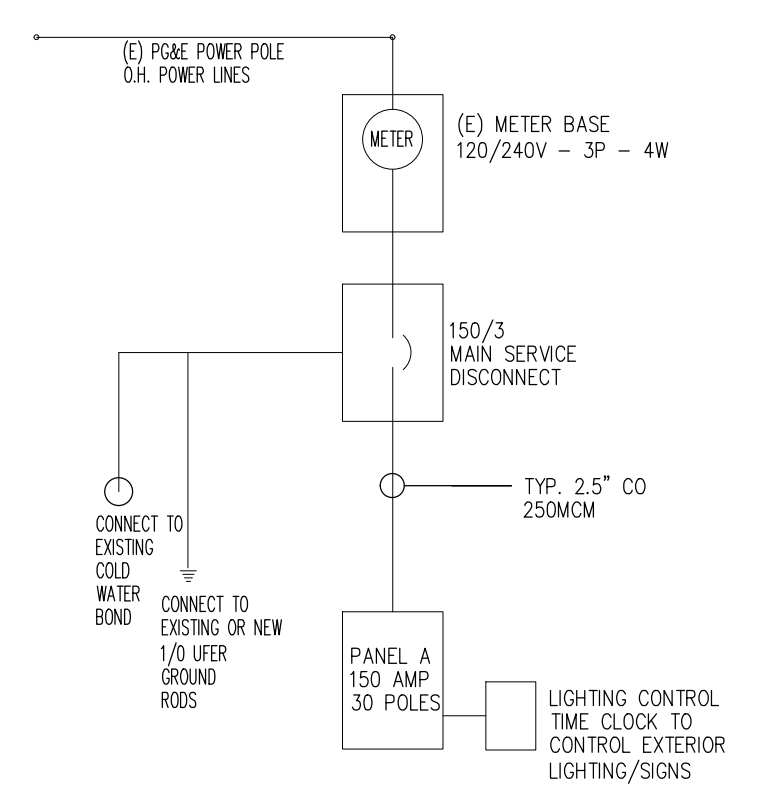
(E) 3 @ 4 WIRE 240/120 VAC

GENERAL LIGHTING 2VA/SF x 2930 SQ. FT. @ 125%	=	5860 VA
OUTSIDE LIGHTING 1000 VA @ 125%	=	1250 VA
SIGN LIGHTING	=	500 VA
RECEPTACLES 50x180 VA	=	9000 VA
EQUIPMENT LOAD (PER EQUIPMENT SCHEDULE)		
5,000 VA x 70% DEMAND FACTOR	=	3500 VA
LARGEST MOTOR 9000 VA x 125%	=	11250 VA
OTHER HVAC TOTAL	=	11500 VA

TOTAL 42860 VA

42860 VA / (208V x 1.732) = 119 AMP

SINGLE LINE DIAGRAM



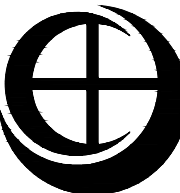
ELECTRICAL GENERAL NOTES:

- THE ELECTRICAL INSTALLATION SHALL COMPLY WITH WAC-296-46, THE NATIONAL ELECTRIC CODE - CEC 2016, NFPA - 72 & 72E WAC246-316 AND LOCAL CODES AND STANDARDS.
- USE THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) 'STANDARD OF INSTALLATION' AS A GUIDE TO THE WORKMANSHIP REQUIRED.
- EXAMINE THE PLANS AND COORDINATE WORK TO AVOID CONFLICTS, ERRORS AND DELAYS. WIRING SHOWN ON THE PLANS IS DIAGRAMMATIC ONLY, AND IS MEANT TO SHOW CIRCUITING AND SWITCHING DETAILS.
- THERMOSTAT 1/2" LOW VOLTAGE LINES TO HVAC UNIT, SEE MECH. PLAN FOR LOCATION.
- ALL RECEPTACLE OUTLETS LOCATED WITHIN 5'-0" OF SINKS, LAVATORIES, TOILET, BATH OR SHOWER SHALL BE PROTECTED BY A GROUND FAULT INTERRUPTER DEVICE.
- REFER TO MECHANICAL SPECIFICATIONS FOR EXACT LOCATIONS OF HVAC MOTOR STARTERS, DUCT DETECTORS, AND CONTROLS.
- NOT USED
- UNLESS OTHERWISE INDICATED, RECEPTACLES & JUNCTION BOXES SHALL BE CONNECTED TO THE CIRCUIT INDICATED USING 1/2" @ 2#12, #12G. RECEPTACLE CIRCUITS SHALL BE CONCEALED IN WALLS OR ABOVE CEILING EXCEPT SHOP AREA.
- ALL OUTDOOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCONTROL DEVICE AND BY AN AUTOMATIC SCHEDULING CONTROL.
- MAINTAIN A MINIMUM 30"Wx36"D CLEAR SPACE IN FRONT OF ALL ELECTRICAL DISCONNECTS & PANELS PER CEC.
- MAINTAIN WORKING SPACE AND 6'-6" HEAD ROOM IN FRONT OF ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH CEC.
- ALL OUTLETS IN SHOP AREAS SHALL BE INSTALLED A MINIMUM OF 18" ABOVE THE FINISH FLOOR.
- CONDUIT TYPES & LOCATIONS:
 - = EXTERIOR EXPOSED - GALV. RIGID STEEL - ANSI C80.1 & UL6
 - = INTERIOR EXPOSED & CONCEALED - EMT - ANSI C80.3 4 UL797
 - = DIRECT EARTH BURIAL - PVC SCH. 40 - NEMA TC2 & UL651
 - = UNDER SLABS ON GRADE - PVC SCH. 40 - NEMA TC2 4 UL651
- ALL CONDUCTORS SHALL BE STRANDED COPPER TYPE THHN/THWN INSULATION 90° DRY / 75° WET
- WHERE DEDICATED RECEPTACLES ARE INDICATED, VERIFY THAT GROUNDING CONFORMS TO COMPUTER EQUIPMENT REQUIREMENTS. WHERE ISOLATED RECEPTACLES ARE USED, INSTALL PER NEC.
- ELECTRICAL OUTLET BOXES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE ELECTRICAL BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE ELECTRICAL BOX TO THE LEVEL OF THE FINISH FLOOR.
- SERVICE EQUIPMENT IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING SHALL INCLUDE THE DATE AND FAULT CURRENT CALCULATION WAS PERFORMED AND BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED.
- THE MAIN ELECTRICAL SERVICE PANEL SHALL HAVE A RESERVED SPACE TO ALLOW FOR THE INSTALLATION OF A DOUBLE POLE CIRCUIT BREAKER FOR A FUTURE SOLAR ELECTRIC INSTALLATION. THE RESERVED SPACE SHALL BE POSITIONED AT THE OPPOSITE (LOAD) END FROM THE INPUT FEEDER AND SHALL BE PERMANENTLY MARKED AS "FOR FUTURE SOLAR ELECTRIC".
- CONTROLLED AND UNCONTROLLED 120-VOLT RECEPTACLES SHALL BE PROVIDED IN EACH PRIVATE OFFICE, OPEN OFFICE AREA OR RECEPTION LOBBY. (A) ELECTRIC CIRCUITS SERVING CONTROLLED RECEPTACLES SHALL BE EQUIPPED WITH AUTOMATIC SHUT-OFF CONTROLS BY MEANS OF AN OCCUPANT SENSOR OR TIME-LINE CONTROL. (B) AT LEAST ONE CONTROLLED RECEPTACLE SHALL BE INSTALLED WITHIN 6 FEET FROM EACH UNCONTROLLED RECEPTACLE, OR SINGLE RECEPTACLES SHALL BE SPLIT WIRED SO THAT ONE HALF IS ON A CONTROLLED CIRCUIT AND ONE HALF IS ON AN UNCONTROLLED CIRCUIT. (C) CONTROLLED RECEPTACLES SHALL HAVE A PERMANENT MARKING TO DIFFERENTIATE THEM FROM UNCONTROLLED RECEPTACLES.

Revisions:

COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



EXISTING ELECTRICAL PLAN

COPPERHILL VENTURES, INC.
3815 COPPERHILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

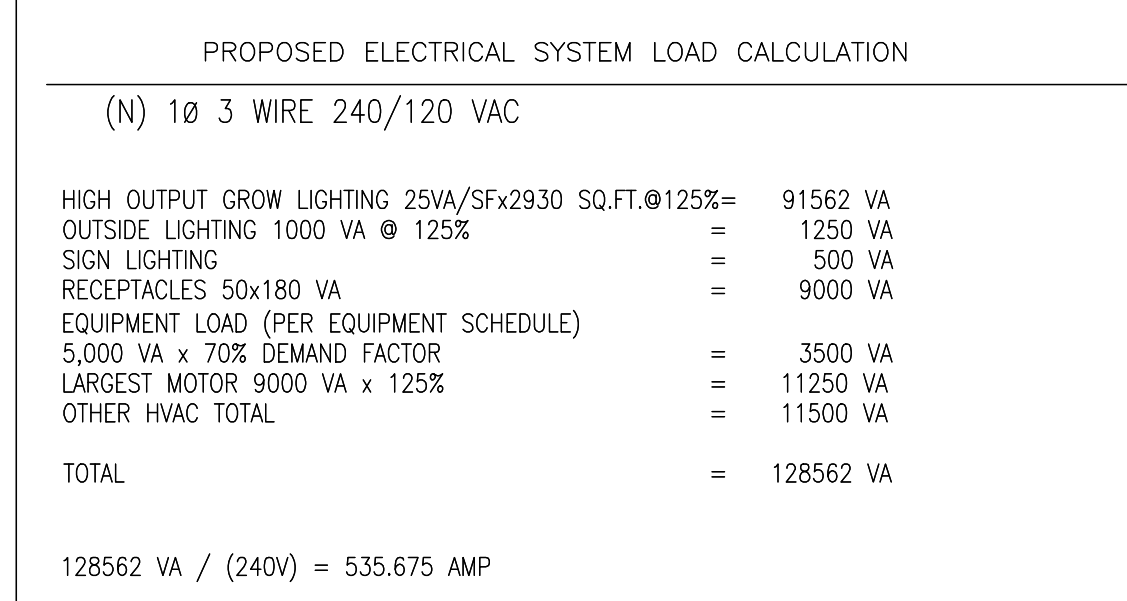
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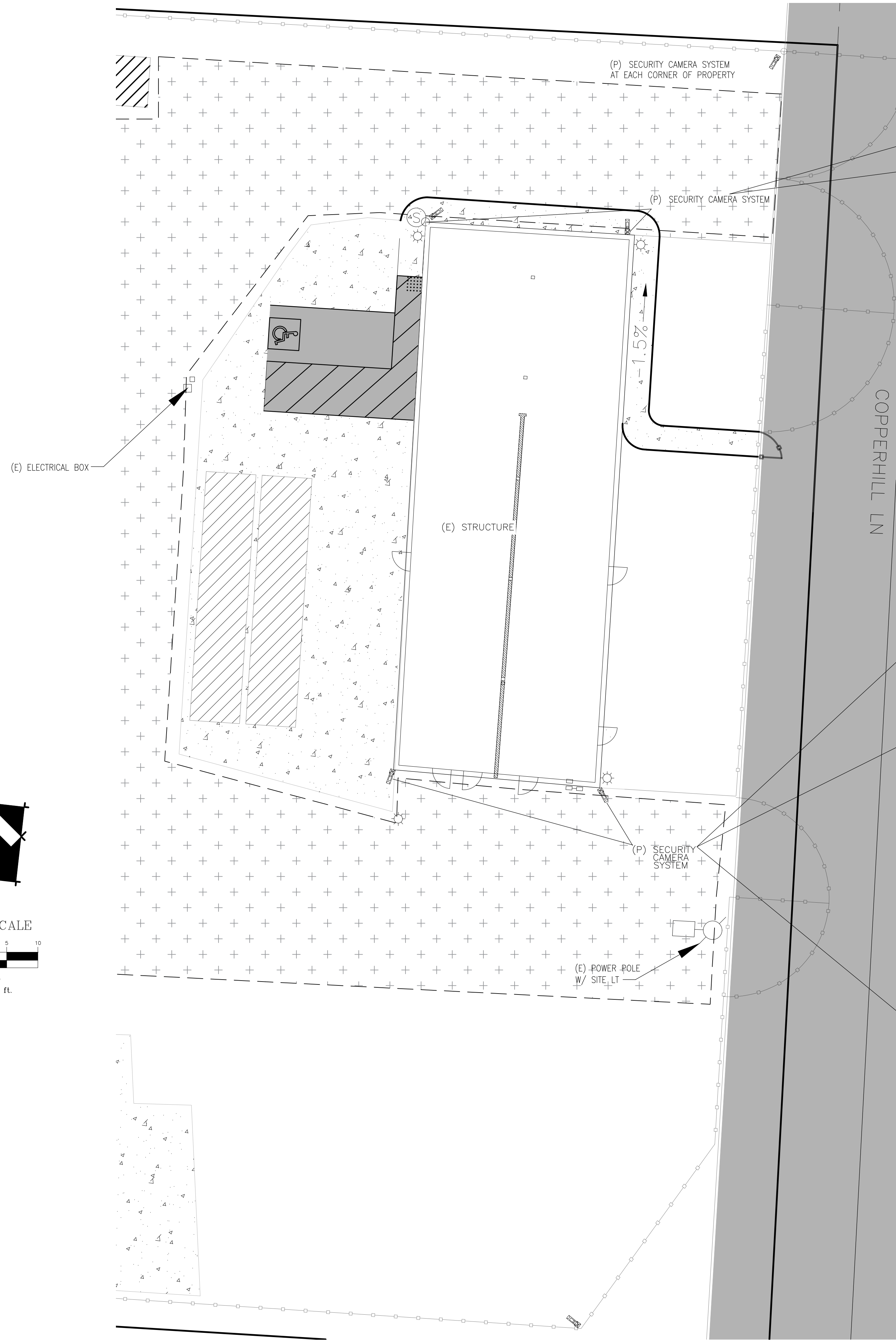
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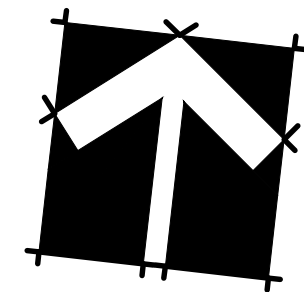
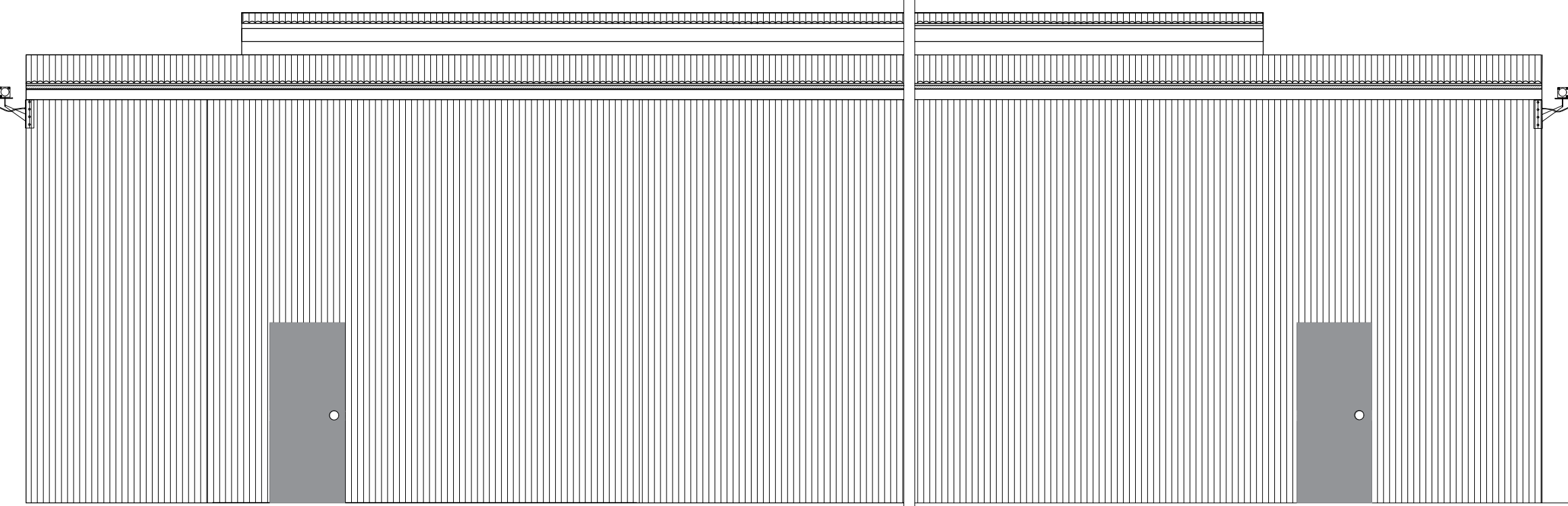
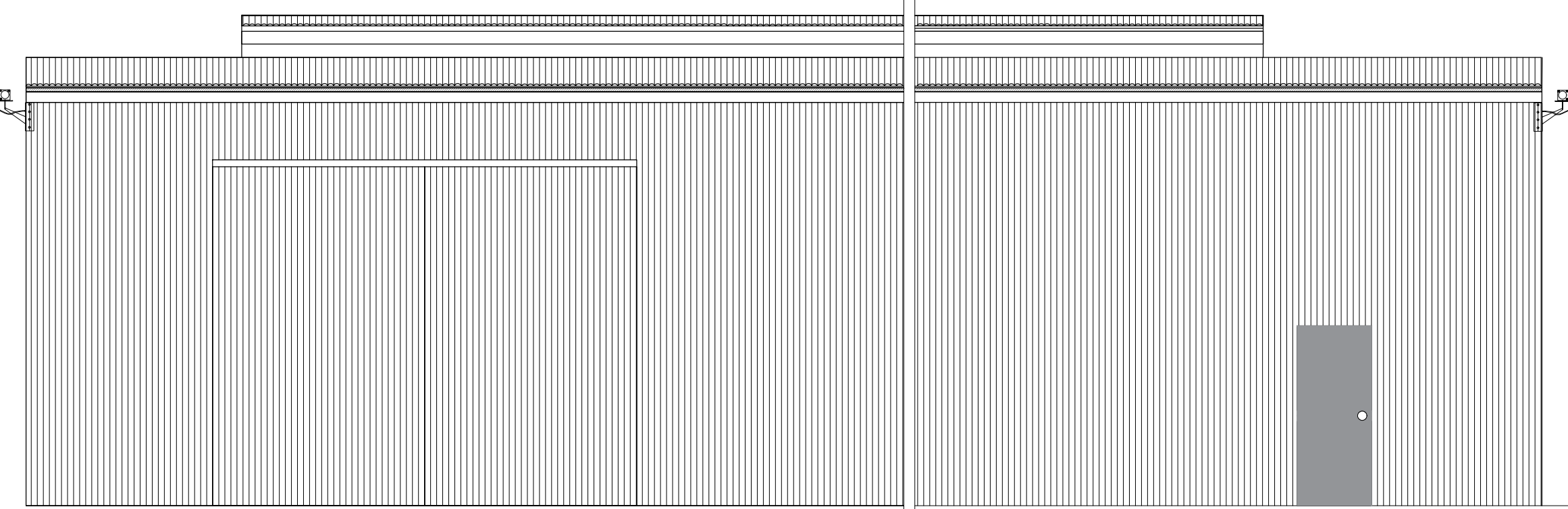


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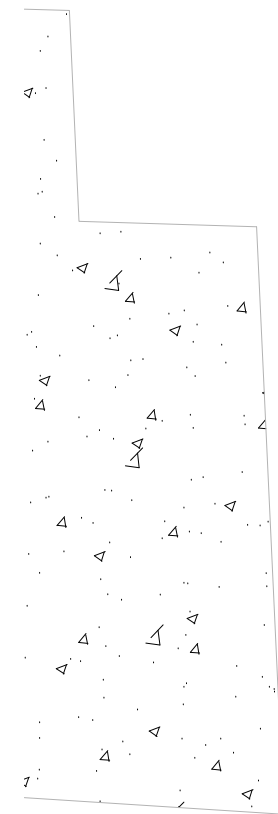


(E) 2.37" CORRUGATED METAL ROOFING
ROOF PITCH OF 1:8
(E) PR-84120 SLIDING METAL DOOR(S)

(E) METAL ROOFING
ROOF PITCH OF 1:11
(E) METAL GUTTER
(E) STORAGE AREA
(E) PR-84120 SLIDING METAL DOOR(S)
(E) ELECT METER
(E) 150 AMP 3 PHASE ELECTRICAL PANEL

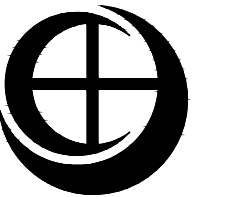


SITE PLAN
GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.



Revisions:
△ COMMENTS 3.1.18

REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



PLANS PREPARED UNDER
THE SUPERVISION OF:



CAMERA SITE LOCATIONS

COPPERHILL VENTURES, INC.
3815 COPPER HILL LANE
SANTA ROSA, CA 95403
SONOMA COUNTY APN# 059-250-030

PLOTTED BY:

DATE PLOTTED:

SCALE OF DRAWING:

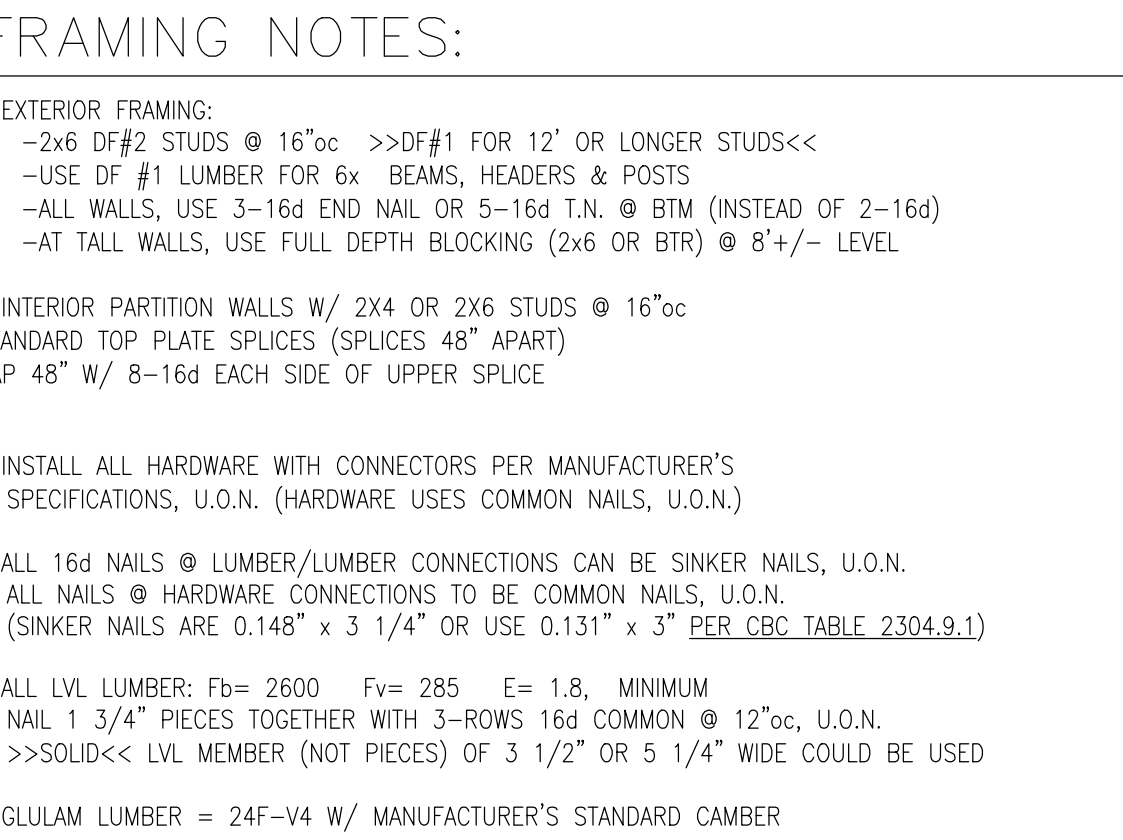
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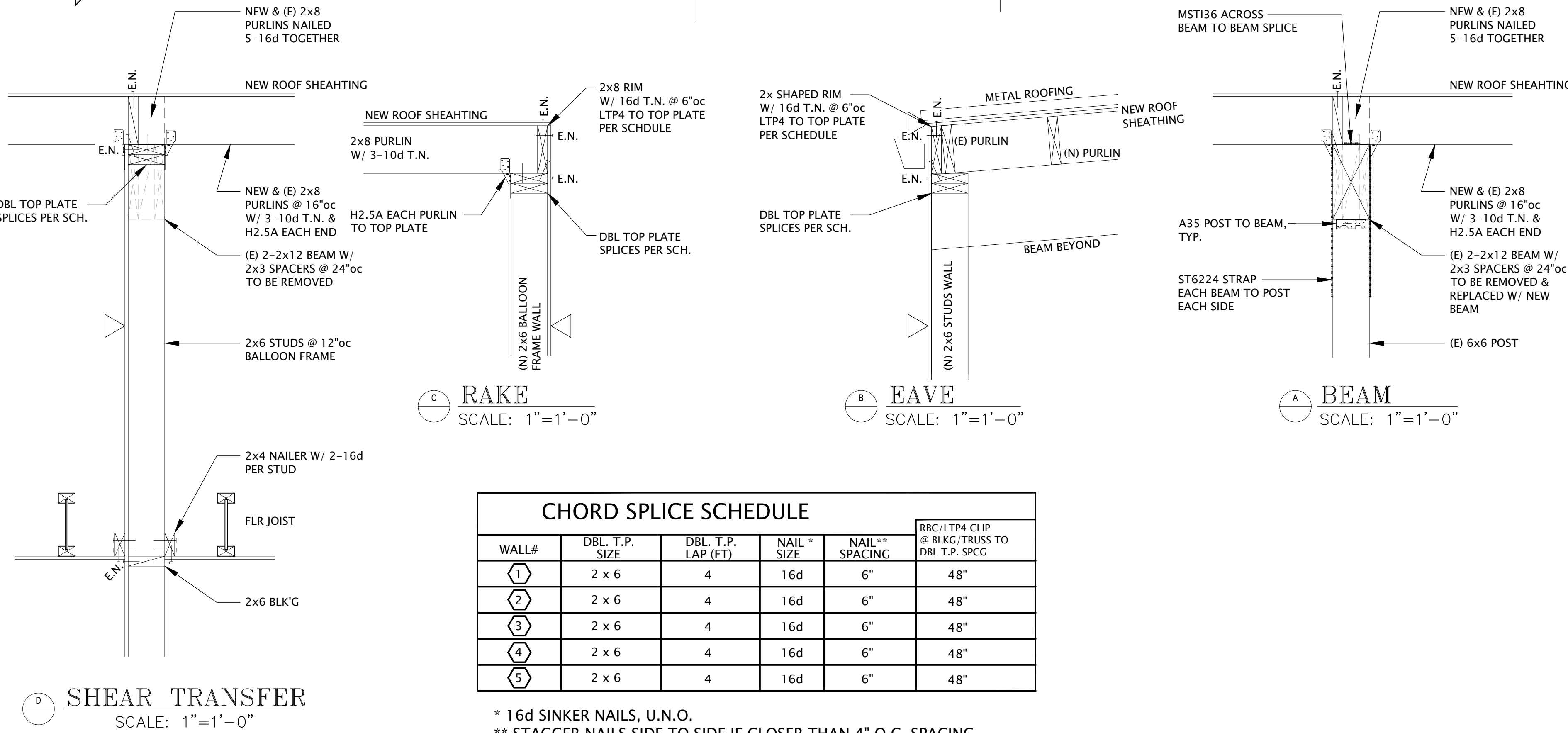
SHEET:

E2.1





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



CHORD SPLICE SCHEDULE					RBC/LTP4 CLIP @ BLKG/TRUSS TO DBL T.P. SPCG
WALL#	DBL. T.P. SIZE	DBL. T.P. LAP (FT)	NAIL * SIZE	NAIL** SPACING	
①	2 x 6	4	16d	6"	48"
②	2 x 6	4	16d	6"	48"
③	2 x 6	4	16d	6"	48"
④	2 x 6	4	16d	6"	48"
⑤	2 x 6	4	16d	6"	48"

* 16d SINKER NAILS, U.N.O.
 ** STAGGER NAILS SIDE TO SIDE IF CLOSER THAN 4" O.C. SPACING
 USE MSTI36 AT TOP PLATE BREAK