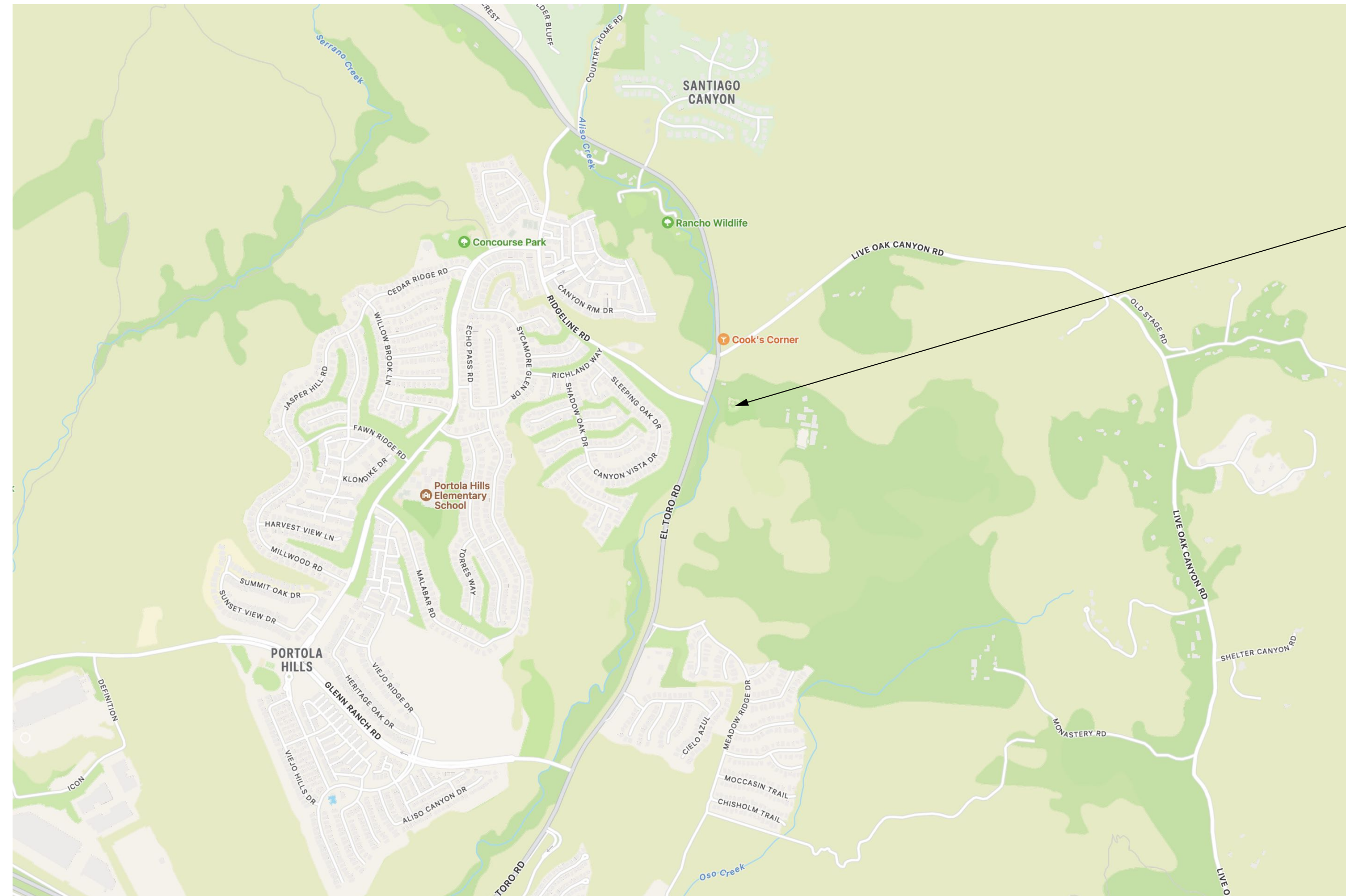


VICINITY MAP
1" = 5 miles



PROJECT LOCATION MAP
1" = 3,000'

DOUBLE R RANCH EQUINE SHADE STRUCTURES

19292 EL TORO ROAD
TRABUCO CANYON, CALIFORNIA
92676

A PROJECT FOR



ORANGE COUNTY RESCUE MISSION

1 Hope Drive
Tustin, California 92782

PROJECT DIRECTORY

PROJECT OWNER:

Orange County Rescue Mission
1 Hope Drive
Tustin, California 92782

Contact: Bryan Crain
714 247 4351

CIVIL ENGINEER:

The Burgess Engineering Group
27758 Santa Margarita Parkway
Suite 284
Mission Viejo, California 92791

Contact: John Burgess
949 436 1637

GEOTECHNICAL CONSULTANT:

Stoney Miller Consultants
33 Journey
Suite 200
Aliso Viejo, California 92656

Contact: Erik Hilde
949 494 2122

GENERAL CONTRACTOR:

Saddleback Development
28832 Sierra Peak Lane
Trabuco Canyon, California 92679

Contact: Tim Loza
949 903 1013

CULTURAL RESOURCE CONSULTANT:

Ultra Systems
16431 Scientific Way
Irvine, California 92718

Contact: Stephen O'Neil
949 677 2391

BIOLOGICAL RESOURCE CONSULTANT:

Ultra Systems
16431 Scientific Way
Irvine, California 92718

Contact: Michelle Tollet
949 788 4900

PROJECT SCOPE:

The project consists of the erection of 14 prefabricated, covered steel stall structures, a 24,324 SF exterior arena, a 300 SF exterior hay storage shed and associated water and sewer services, two 60' diameter round training pens (2,827 SF each). There will also be a designated location for the 2 - 2 cubic yard bins that will hold manure for collection by the refuse company.

There are 72 parking existing on the site. We believe that the equine facilities are an ancillary use for the property and will not generate a measurable increase in vehicular traffic or parking demands.

ZONING DESIGNATION:

The Zoning for the site is designated 'Foothill Trabuco Specific Plan'.



SHEET LIST

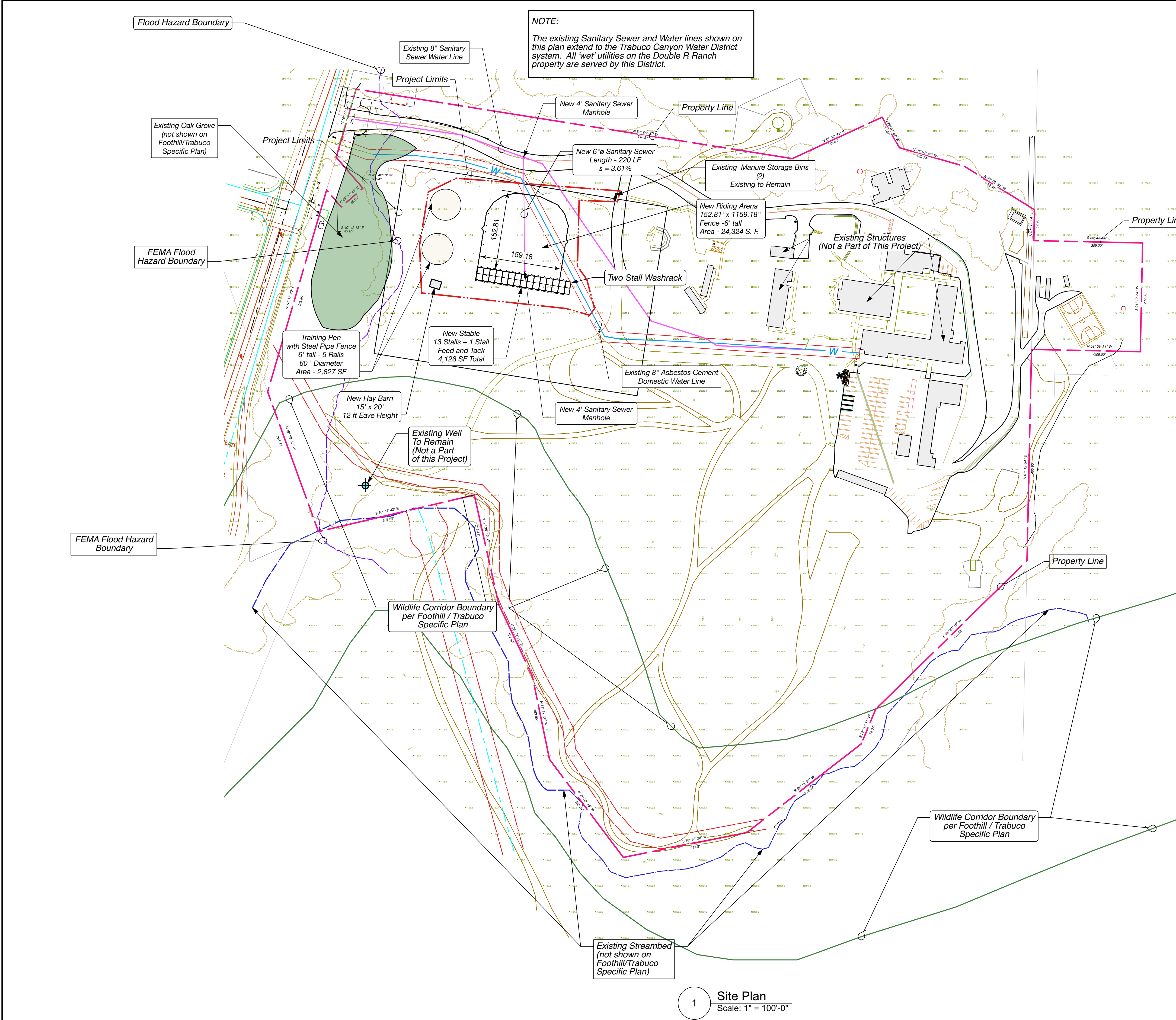
- SDP-1 TITLE SHEET
- SDP-2 SITE PLAN
- SDP-3 EXISTING FACILITIES INVENTORY
- SDP-4 TOPOGRAPHIC PLAN
- F-1 SHADE STRUCTURE FLOOR PLANS
- S-2 SHADE STRUCTURE ROOF PLANS
- S-3 SHADE STRUCTURE ELEVATIONS
- S-4 SHADE STRUCTURE ELEVATIONS
- SDP-9 CONCEPTUAL GRADING PLAN
- SDP-10 HAY STORAGE - MANURE STORAGE
- SDP-11 RESOURCE COMPONENT OVERLAY

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

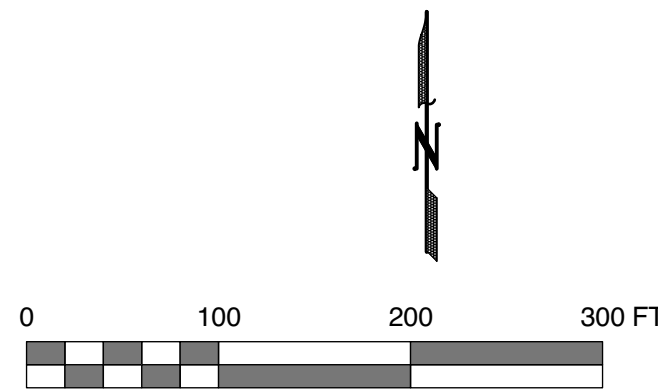
PA23-0145

				<div>PROJECT: Orange County Rescue Mission</div> <div>19292 El Toro Road</div> <div>Trabuco Canyon, CA 92676</div>	<div>APPROVED: County of Orange Department of Planning</div> <div><div>J. T. Yean</div><div>Approver Title</div></div> <div>DATE: 07 01 24</div>	<div>DESIGNED: JJB, Jr.</div>	<div></div> <div>BURGESS ENGINEERING GROUP</div> <div>27758 Santa Margarita Parkway Suite 284 Mission Viejo, California 92691 949 588 8801 949 588 7216 (Fax)</div>	<div></div>	TITLE PAGE				
<div>DRAWN: JJB, Jr.</div>	<div>Department of Engineering</div> <div>DRAWING 174607</div>												
										<div>CHECKED: JJB, Jr.</div>			<div>PUBLIC WORKS</div> <div>SHEET SDP-1 OF 11</div>
No.	DATE	REVISION	APPROVED										



Parcel Information Table	
Assessors Parcel Numbers	856-011-23 & 856-011-24
Total Parcel Area	38.89 Ac
Total Project Area	1.88 Ac.

- NOTES:
1. There are no dedicated streets or Rights-of Way on the property.
 2. With the exception of an access drive to the equine shade structures, there are no new access roads contemplated on the property.
 3. Easements are as shown on this plan.
 4. There is no exterior lighting associated with this project.



LEGEND

Property Line	
Existing Utility and Access Easements	
Project Limits	
FEMA Flood Zone Boundary	
Streambed	
Existing Water Line	
Existing Sanitary Sewer	
Existing Structures	
Hardscape - Roads and Parking Areas	
Hardscape - Sidewalks	
Parking Striping	

ASSESSORS PARCEL NUMBERS
856-011-23 & 856-011-24
PA23-0145

No.	DATE	REVISION	APPROVED

PROJECT:
Orange County Rescue Mission
19292 El Toro Road
Trabuco Canyon, CA 92676

APPROVED:
County of Orange
Department of Planning

J. T. Yean
Approver Title

DATE: 07 01 24

DESIGNED:
JJB, Jr.

DRAWN:
JJB, Jr.

CHECKED:
JJB, Jr.

BURGESS ENGINEERING GROUP
27758 Santa Margarita Parkway Suite 284
Mission Viejo, California 92691
949 588 8801 949 588 7216 (Fax)

SITE PLAN

Department of Engineering	DRAWING 174607
PUBLIC WORKS	SHEET SDP-2 OF 11

Flood Hazard Boundary

Existing Oak Grove
(not shown on
Foothill/Trabuco
Specific Plan)

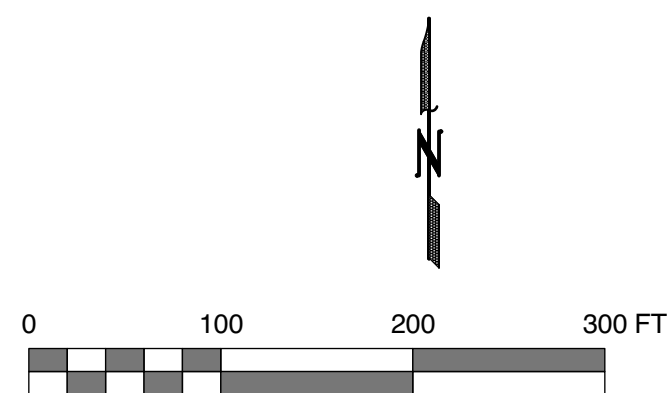
Project Limits

Existing Well
To Remain

Project Limits

Wildlife Corridor Boundary
per Foothill / Trabuco
Specific Plan

Flood Hazard Boundary



Existing Streambed
(not shown on
Foothill/Trabuco
Specific Plan)

LEGEND

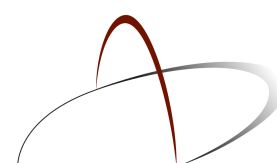

- Property Line
Project Limits
Existing Structures
Hardscape - Roads and Parking Areas
Hardscape - Sidewalks
Parking Striping

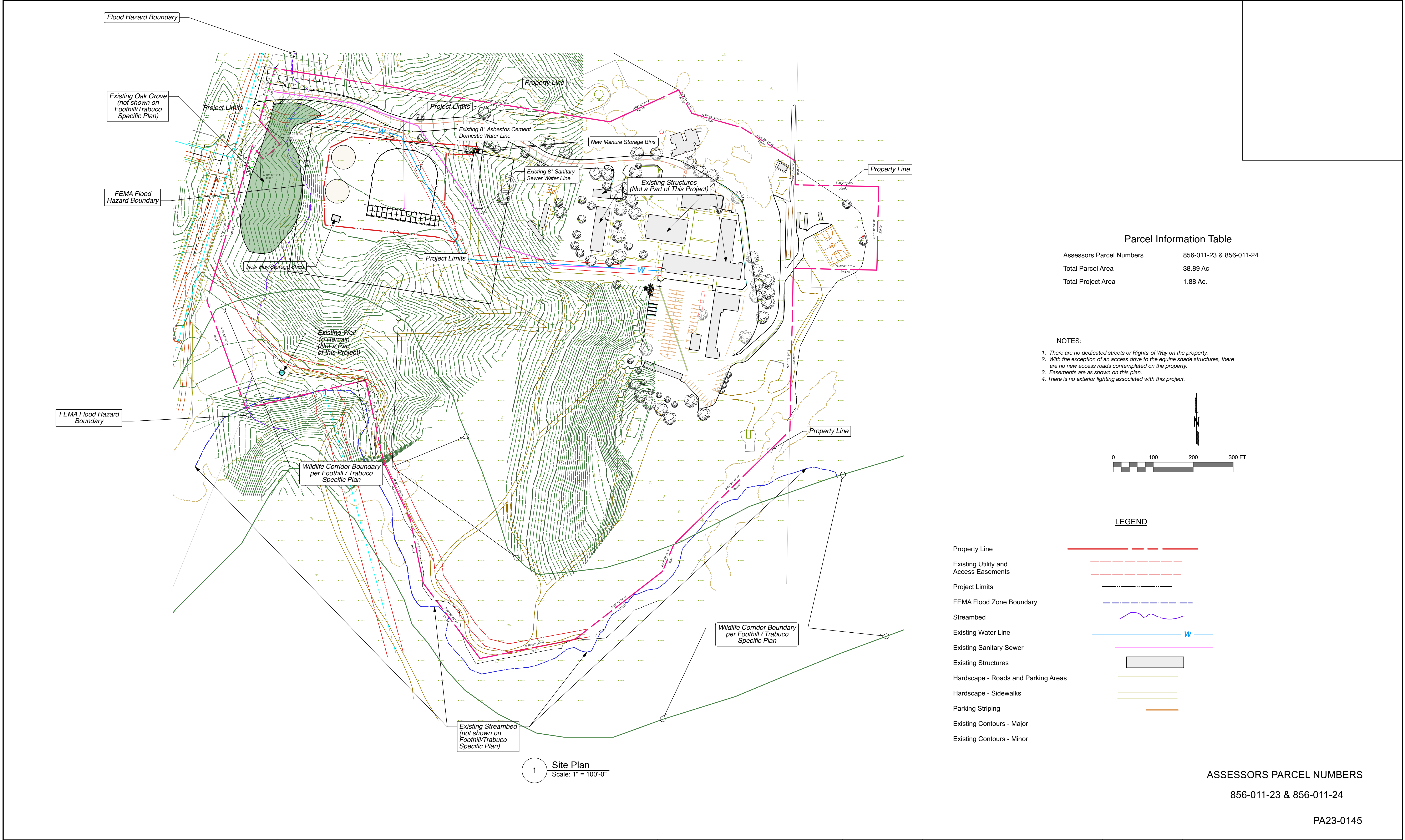
STRUCTURE	BUILDING USE	BUILDING PERMIT DATE	BUILDING PERMIT NO.
A	Prep School with Dormitory & Classrooms	01/23/74 11/08/76	89558 66790
B	Prep School Modular Classroom #1	11/08/76	66790
C	Prep School Modular Classroom #2 & #3	REMOVED	
D	Carport / Maintenance Storage Area	07/12/78	80689
E	Abbey: Dormitory + Library	11/08/76 01/17/80 09/10/85	66790 93879 79848
F	Church + Sacristy	12/21/83	59006
G	Dining Room and Kitchen	09/10/85	79847
H	Kitchen: Storage House	09/10/85	79847
I	Convent	11/08/76	66790
J	Seminarian-Novitiate Formation House	03/05/64	11272Z
K	Seminarian-Modular Classroom #4	11/08/76	66790
L	Seminarian-Modular Dormitory #5 & #6	11/08/76	66790
M	Pool Building	05/31/63	5539/5927 /4834/8111
N	Outdoor Swimming Pool	(EXISTING)	66790
O	Camp Fire Ring	10/15/86	
P	Athletic Field	(EXISTING)	
Q	Basketball Court	(EXISTING)	
R	Storage	(EXISTING)	
S	Trash	(EXISTING)	

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

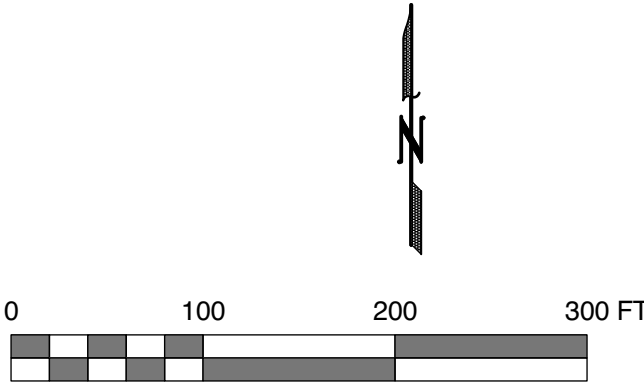
PA23-0145

				<div>PROJECT: Orange County Rescue Mission</div> <div>19292 El Toro Road</div> <div>Trabuco Canyon, CA 92676</div>	<div>APPROVED: County of Orange Department of Planning</div> <div><div>J. T. Yean</div><div>Approver Title</div></div> <div>DATE: 07 01 24</div>	<div>DESIGNED: JJB, Jr.</div>	<div><div>BURGESS ENGINEERING GROUP 27758 Santa Margarita Parkway Suite 284 Mission Viejo, California 92691 949 588 8801 949 588 7216 (Fax)</div></div>	<div></div>	<div>EXISTING FACILITIES INVENTORY</div>	
<div>DRAWN: JJB, Jr.</div>										
<div>CHECKED: JJB, Jr.</div>	<div>Department of Engineering</div> <div>PUBLIC WORKS</div>	<div>DRAWING 174607</div> <div>SHEET SDP-3 OF 11</div>								
No.	DATE	REVISION	APPROVED							



Parcel Information Table	
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Total Parcel Area	38.89 Ac
Total Project Area	1.88 Ac.

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 3. Easements are as shown on this plan.
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LEGEND

Property Line	
Existing Utility and Access Easements	
Project Limits	
FEMA Flood Zone Boundary	
Streambed	
Existing Water Line	
Existing Sanitary Sewer	
Existing Structures	
Hardscape - Roads and Parking Areas	
Hardscape - Sidewalks	
Parking Striping	
Existing Contours - Major	
Existing Contours - Minor	

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

No.	DATE	REVISION	APPROVED

PROJECT: **Orange County Rescue Mission**
19292 El Toro Road
Trabuco Canyon, CA 92676

APPROVED: **County of Orange**
Department of Planning

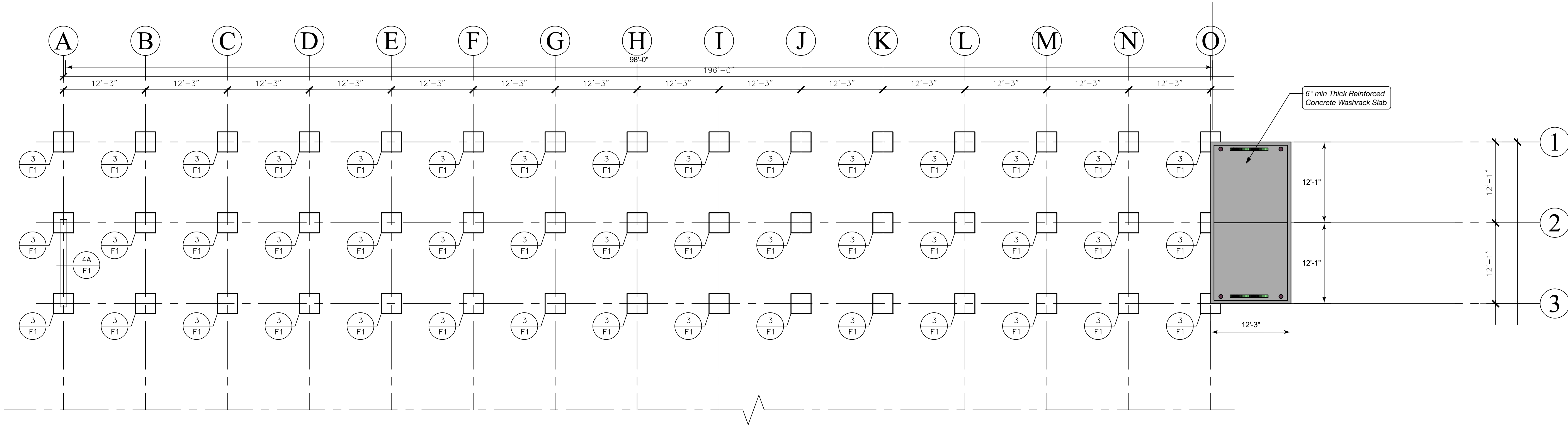
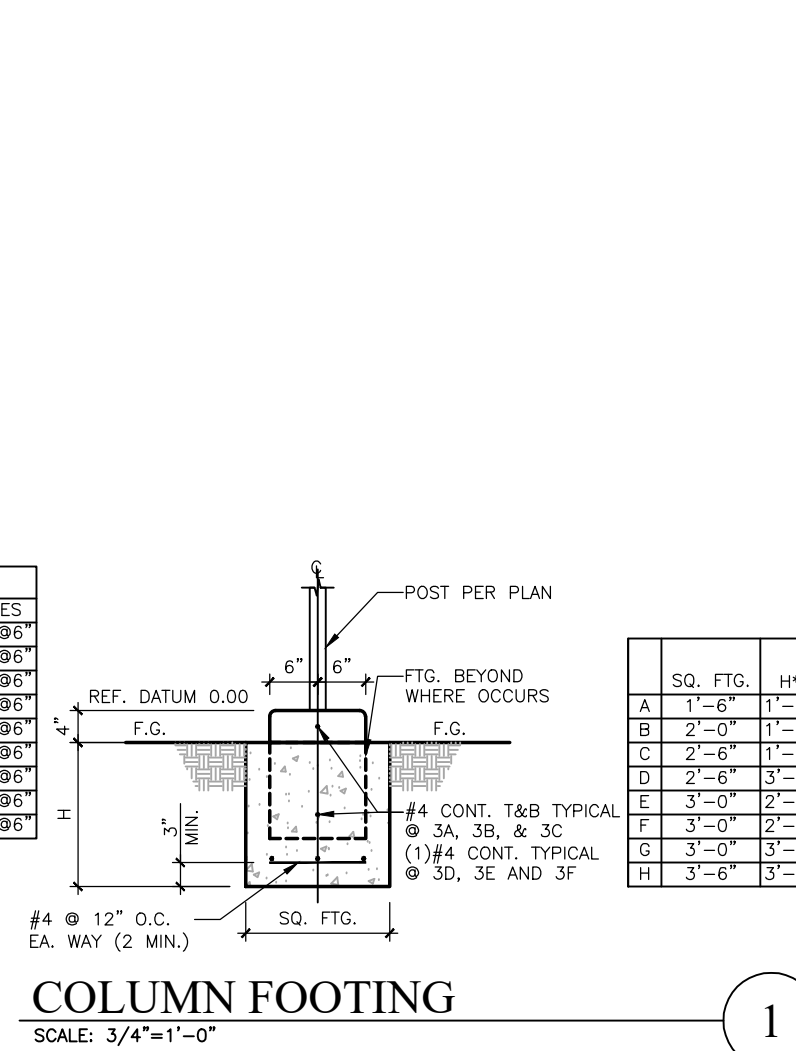
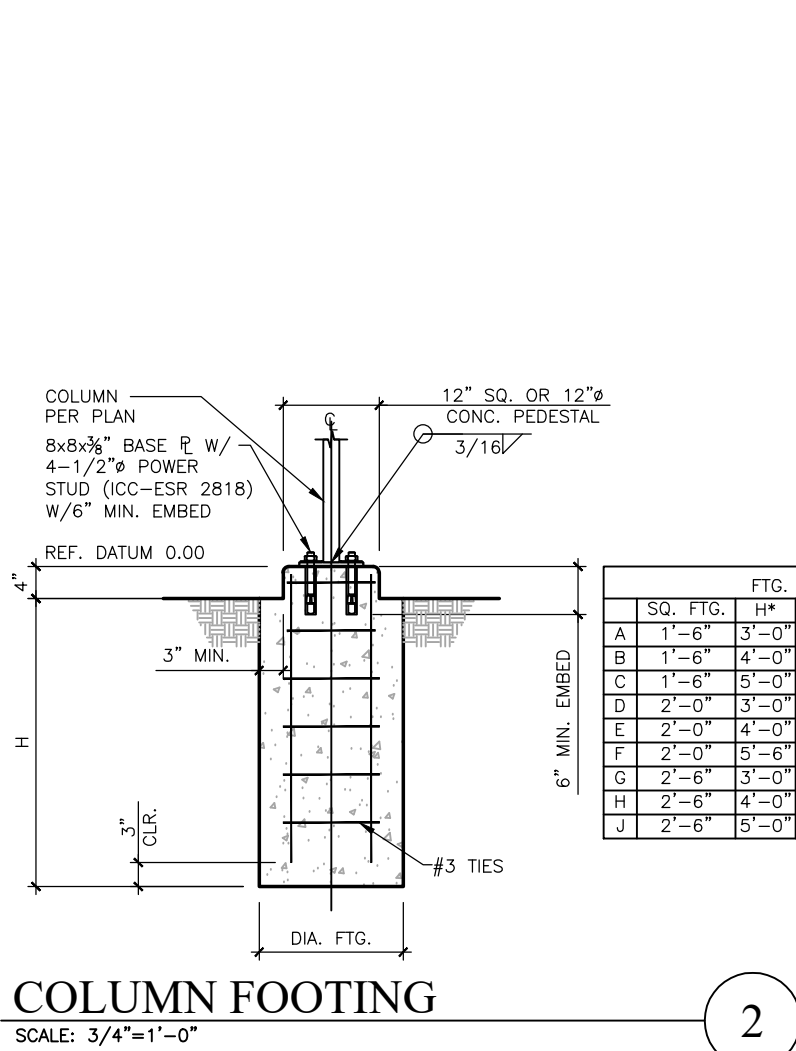
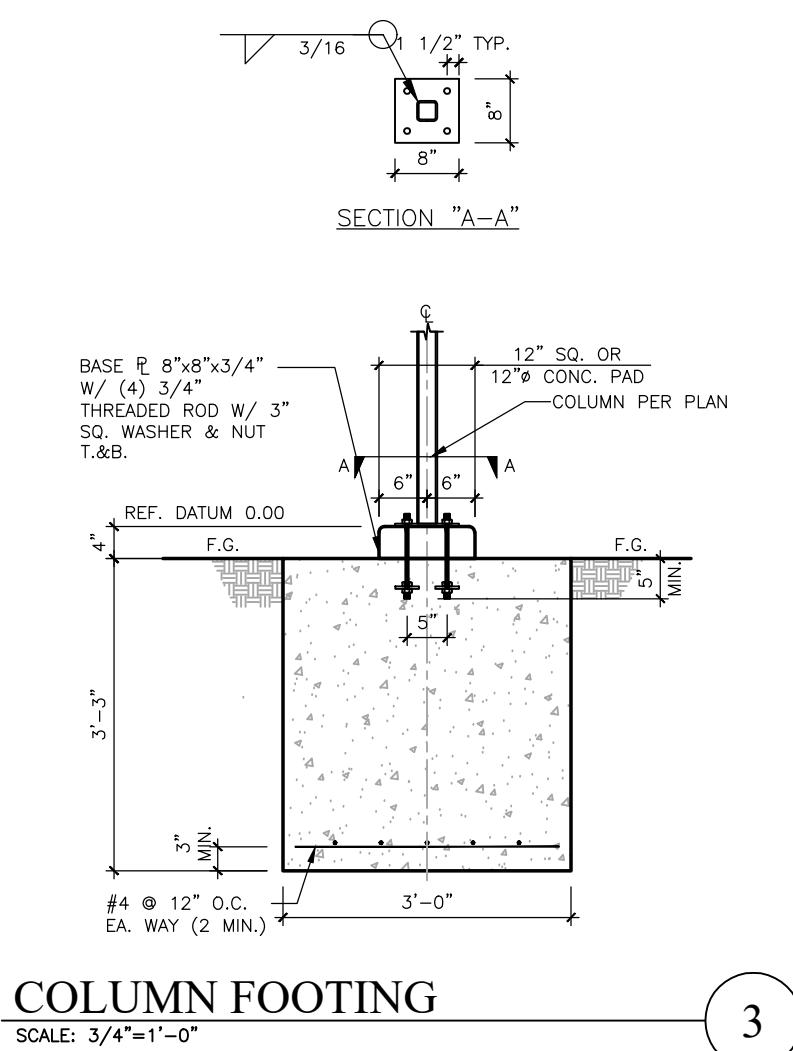
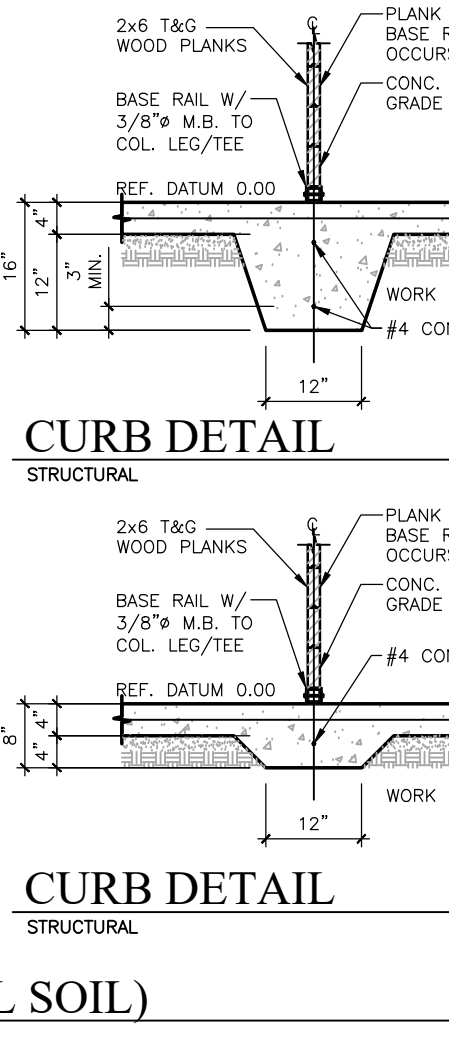
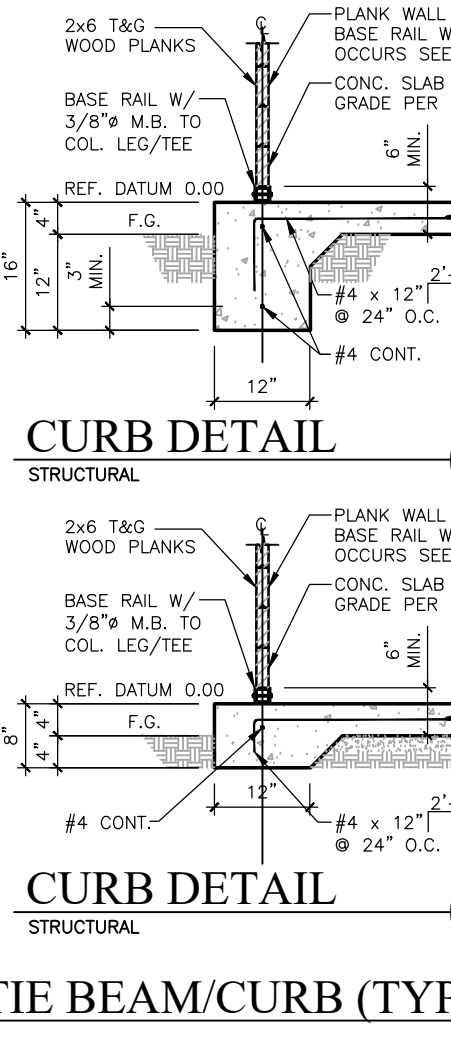
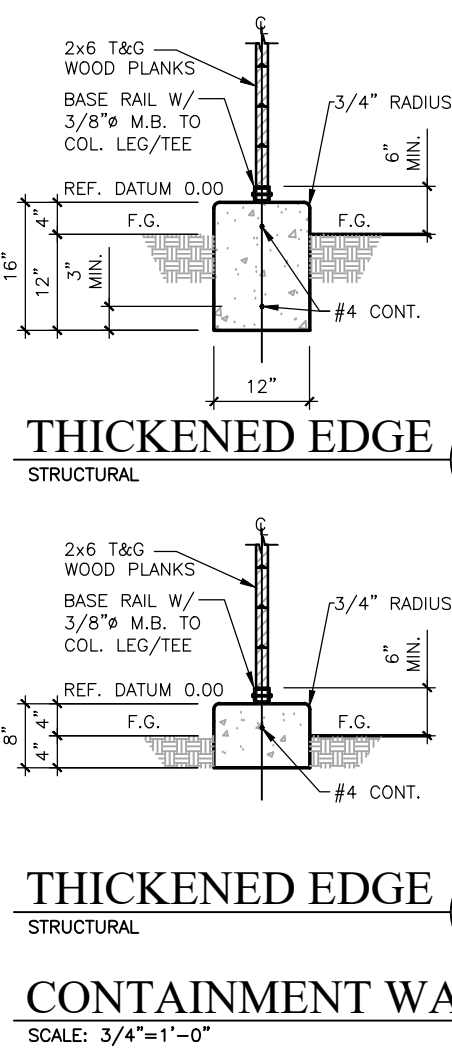
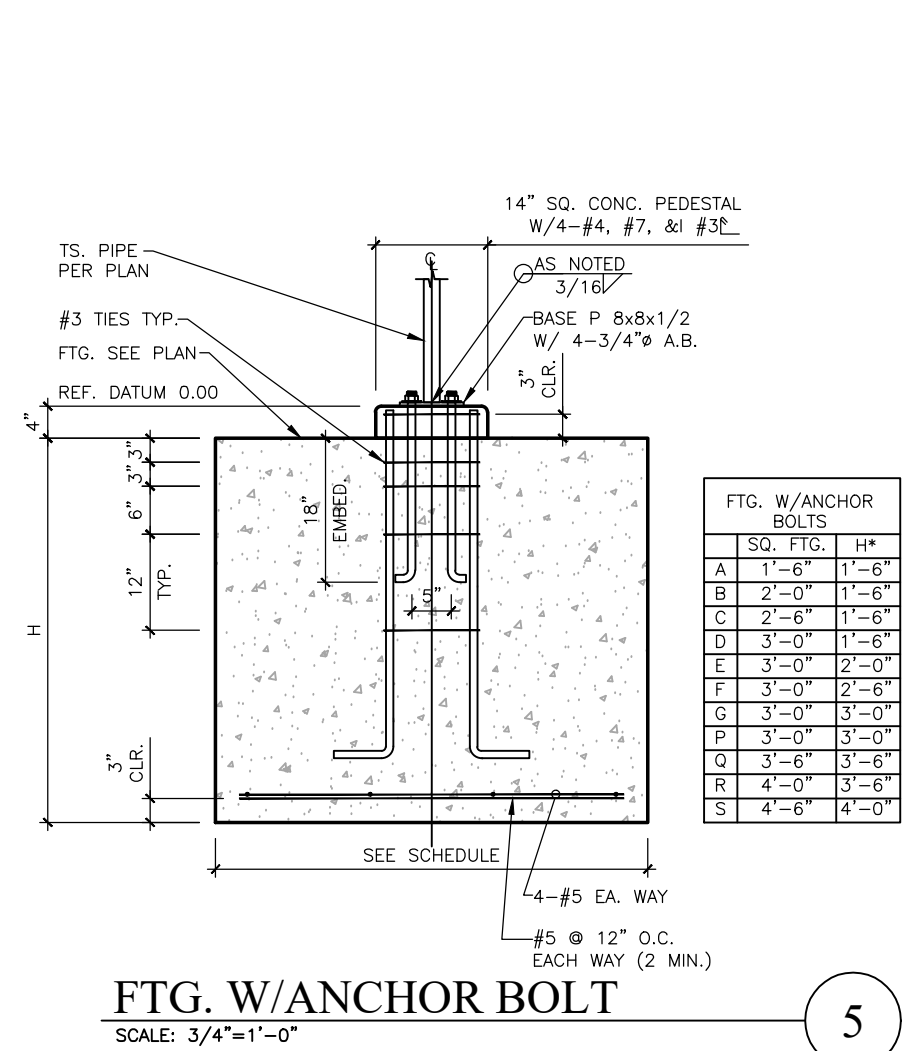
J. T. Yean
Approver Title
DATE: 07 01 24

DESIGNED: JJB, Jr.
DRAWN: JJB, Jr.
CHECKED: JJB, Jr.

 **BURGESS ENGINEERING GROUP**
27758 Santa Margarita Parkway Suite 284
Mission Viejo, California 92691
949 588 8801 949 588 7216 (Fax)



SITE PLAN WITH EXISTING TOPOGRAPHY	
Department of Engineering	DRAWING 174607
PUBLIC WORKS	SHEET SDP-4 OF 11



FOUNDATION PLAN

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

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

FOUNDATION PLAN & DETAILS

OCRM

24 STALL SHEDDOW BARN

19292 EL TORO ROAD
SILVERADO, CA 92676-9710

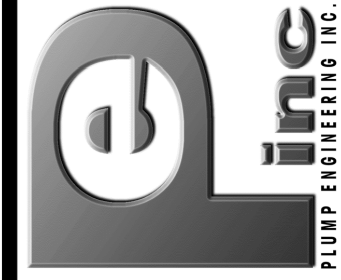
CASTLEBROOK BARN

14600 WHITTAM AVE
FONTANA, CA. 92335

(909)822-0500
LA. CITY FABRICATOR TYPE 1 LC. #1780



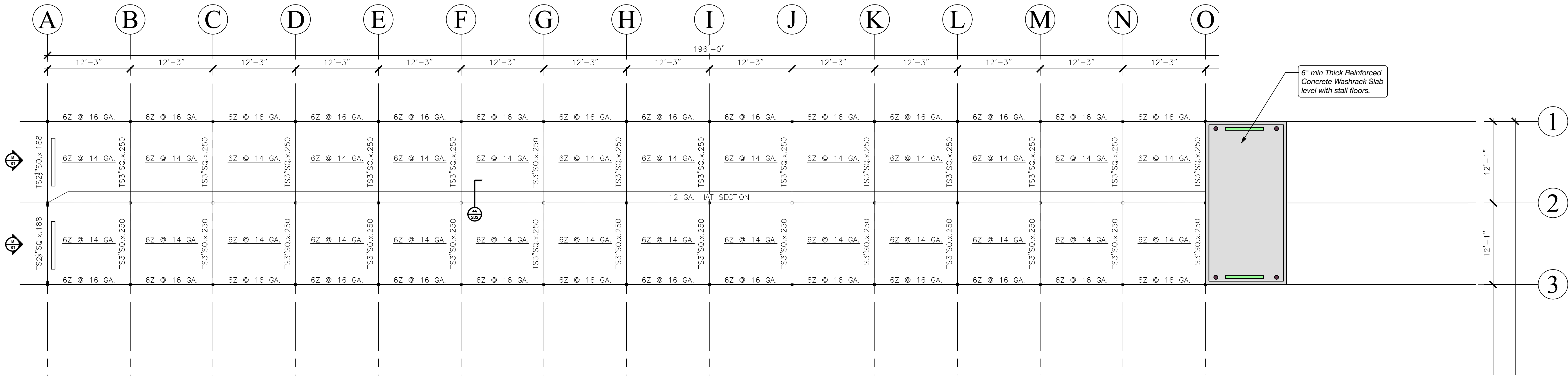
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PLUMP ENGINEERING INC.
CONSULTING ENGINEERS IN
STRUCTURAL MECHANICAL
PLUMBING, ELECTRICAL, CIVIL
SURVEYING AND ARCHITECTURAL
914 KAYELLA AVENUE
SILVERADO, CA 92676-9605
(714) 365-1835, FAX (714) 365-1834
PLUMP PROJECT NO. S.200XXXX

SHEET NO:

F1



TOP RAIL PLAN
SCALE: 1/8"=1'-0"

ASSESSORS PARCEL NUMBERS
856-011-23 & 856-011-24
PA23-0145

PROJECT NO: S.2104027

REVISIONS

DATE: 05-04-21

CHECKED BY: R. PLUMP

SCALE:

TOP RAIL PLAN

OCRM

24 STALL SHEDDOW BARN

19292 EL TORO ROAD
SILVERADO, CA 92676-9710

CASTLEBROOK BARN

14600 WHITTAM AVE
FONTANA, CA. 92335
(909)822-0500
L.A. CITY FABRICATOR TYPE 1 LIC. #1780

PLUMP ENGINEERING INC.

CONSULTING ENGINEERS IN
STRUCTURAL, MECHANICAL,
PLUMBING, ELECTRICAL, CIVIL,
SURVEYING AND ARCHITECTURAL

914 E KATELLA AVENUE
ANHEIM, CALIFORNIA 92805
(714) 937-1100 FAX (714) 937-1834
PLUMP PROJECT NO. S.2003XXX

REGISTERED PROFESSIONAL ENGINEER

RENE A. PLUMP

No. C 052696

Exp. 12-31-22

CIVIL

STATE OF CALIFORNIA

06/24/21

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SHEET NO:

S2

CODE: COMPLY WITH CALIFORNIA BUILDING CODE 2019. THESE PLANS HAVE BEEN DESIGNED AND COMPLY WITH THE BUILDING CODE SHOWN BELOW AS IT PERTAINS TO DESIGN CRITERIA, ROOF LOADS, SNOW LOADS AND WIND LOADS ARE BASED UPON INFORMATION SUPPLIED BY THE CUSTOMER AND HAVE NOT BEEN VERIFIED AS CORRECT BY THE ENGINEER AND MAY BE SUBJECT TO CHANGE PER BUILDING DEPARTMENT REQUIREMENTS. PLEASE VERIFY THAT THE CORRECT LOADS ARE BEING USED PRIOR TO PERMIT APPROVAL.

DESIGN LOADS: STRUCTURE - WIND ULTIMATE 110 M.P.H.
FOUNDATIONS - WIND ULTIMATE 110 M.P.H.
ROOF DEAD LOAD = 2.5 PSF, ROOF SNOW LOAD = 20.0 PSF
SITE CLASS D, SEISMIC DESIGN CATEGORY D

FOUNDATION: BOTTOMS OF ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL 1'-0" BELOW NATURAL GRADE, U.N.O. DESIGN SOIL PRESSURE 1,500 PSF TOTAL LOAD.

FROST HEAVE: BOTTOMS OF ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL 1'-6" BELOW NATURAL GRADE, U.N.O. VERIFY W/ LOCAL BLDG. DEPT. WHERE DEEPER FTG'S. MAY BE REQ'D. TO PREVENT FROST HEAVE. DESIGN SOIL PRESSURE 1,500 PSF TOTAL LOAD. SHOULD SOIL PRESSURE NOT MEET 1,500 PSF, VERIFY W/ LOCAL BLDG. DEPT. AS TO THE ACTUAL SOIL PRESSURE.

CONCRETE: SHALL MEET ALL THE REQUIREMENTS OF CHAPTER 19 OF CBC TYPE V CEMENT.
MINIMUM 28 DAYS STRENGTH OF 2,500 PSI.
MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT SLABS ON GRADE. MAXIMUM SLUMP 3 1/2" TO 5".

SLAB-ON-GRADE: PROVIDE MIN. REINFORCING FOR ALL SLAB ON GRADE 6x6-W1.4xW1.4 WELDED WIRE FABRIC OR #3 REBAR @ 24" O.C. EA. WAY.

LEGEND:  DESIGNATES STEM WALL
SEE  3A F1

STRUCTURAL STEEL: 1. ALL STRUCTURAL STEEL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN CBC.
2. STRUCTURAL STEEL SHALL CONFORM TO A.S.T.M. A-36 SPECIFICATIONS AND AS THE A.I.S.C. SPECIFICATIONS FOR FABRICATION AND ERECTION, U.N.O.
3. ALL STEEL TUBES SHALL CONFORM TO A.S.T.M. A-500 GRADE "B". ALL STEEL PIPE SHALL CONFORM TO A.S.T.M. A-53 GRADE "B".

4. ALL BOLTS SHALL CONFORM TO A.S.T.M. (A-307) FOR UNFINISHED BOLTS, EXCEPT WHERE SPECIFICALLY NOTED AS SAE J492 GRADE 5 BOLTS IN DETAIL 1/SD2 SEE NOTES IN 1/SD2 FOR INSPECTION.
5. EXPANSIONS ANCHORS SHALL CONFORM AS FOLLOWS TO MFG. A. POWERS WEDGE BOLT ANCHOR ... ICC-ESR 2818 B. SIMPSON STRONG BOLT ... ICC-ESR 3037.

REINFORCING STEEL: ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 EXCEPT TIES & STIRRUPS NO. 3 AND 4 MAY BE GRADE 40. MIN. LAP, UNLESS NOTED OTHERWISE ON PLANS, SHALL BE 40 DIAMETERS. SPLICES IN HORIZONTAL REBAR IN STEM WALLS & FOOTING SHALL BE STAGGER 4'-0" MINIMUM. REINFORCING FABRIC SHALL CONFORM TO ASTM A-185.

FASTENERS: VS BRAND SELF-DRILLING, SELF-TAPPING SCREWS ... ICC-ESR 5617

COLD FORMED STEEL: PAINTED STEEL - 12, 14 AND 16 GA. SHALL CONFORM TO ASTM A570 GRADE 50, OR A.S.T.M. A678 GRADE 50 GALVANIZED STEEL - 12, 14 AND 16 GA. SHALL CONFORM TO ASTM A446 GRADE D.

LUMBER: PLYWOOD FOR WALL AND ROOF SHEATHING SHALL BE CD EXPOSURE I STRUCTURAL I USE EXTERIOR TYPE, MIN. C-C GRADE, WHERE PLYWOOD IS EXPOSED TO WEATHER. ALL PLYWOOD SHALL BE GLUED WITH EXTERIOR TYPE GLUE. ALL PLYWOOD SHALL CONFORM TO U.S. PRODUCT STANDARDS PS-1-83. PLYWOOD FOR FLOOR AND ROOF SHEATHING SHALL BE 5 PLY MIN. ALL 2x6 EXTERIOR LUMBER SIDING TO BE FIRE RETARDANT TREATED BY MFG. HOOVER TREATED WOOD PRODUCTS INC. 154 WIRE ROAD, THOMPSON, GA 30824

WELDING: NO FIELD WELDING SHALL BE DONE.



FABRICATION: ALL STEEL FABRICATION SHALL BE DONE IN A CERTIFIED SHOP APPROVED BY THE CITY.

SAFETY: PROJECT SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. FOR PERSONS IN CHARGE OF THE DAY-TO-DAY CONSTRUCTION, UNSECURED ROOF OR FLOOR JOISTS ARE SUBJECT TO ROLL OVER AND THEREFORE SHOULD NOT BE USED AS A WALKING SURFACE UNTIL THEY ARE SECURED AT BOTH SUPPORTS AND LATERALLY BRACED.

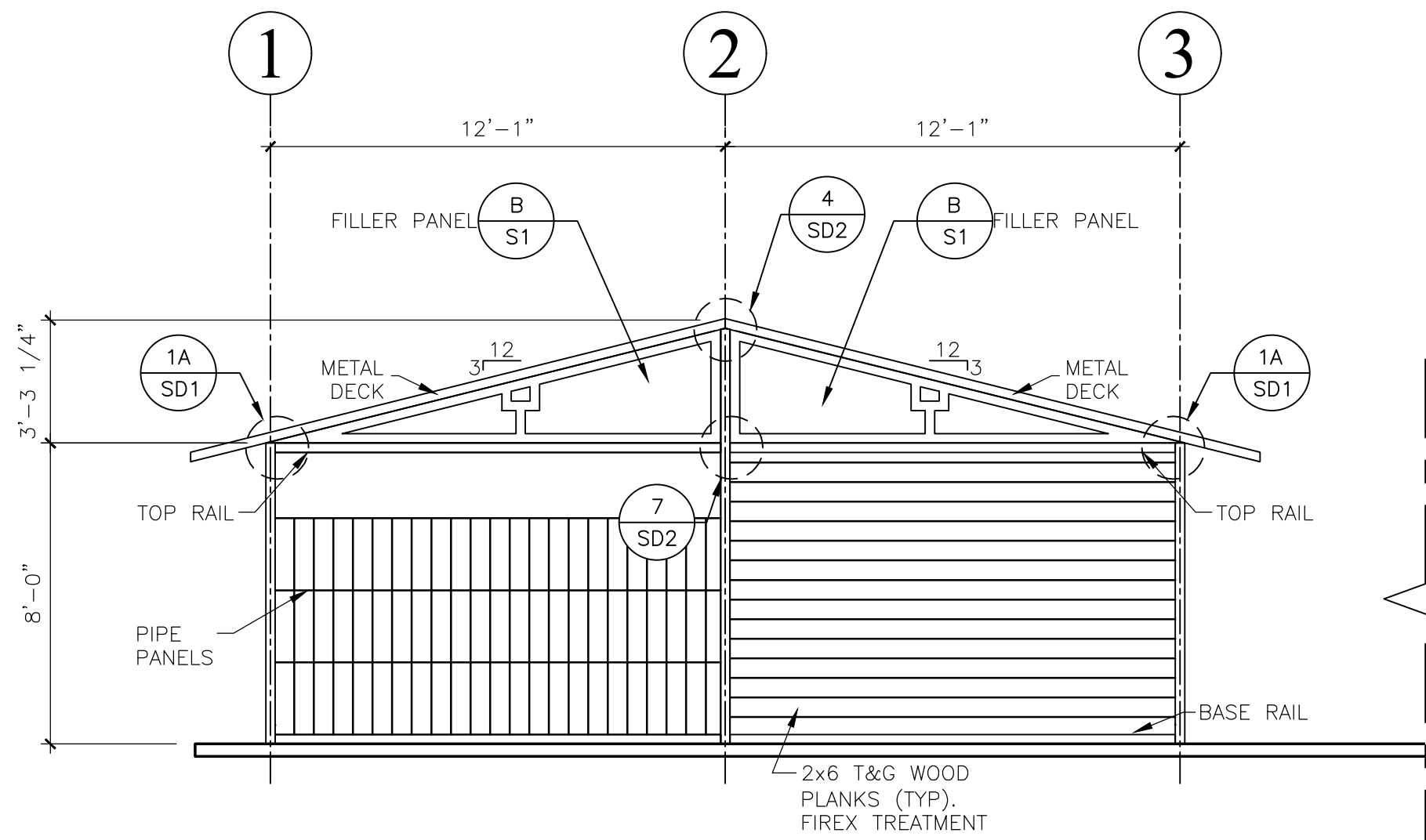
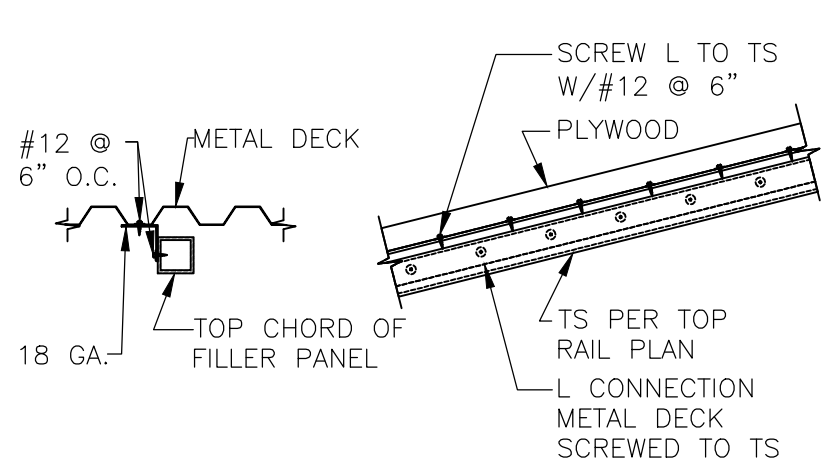
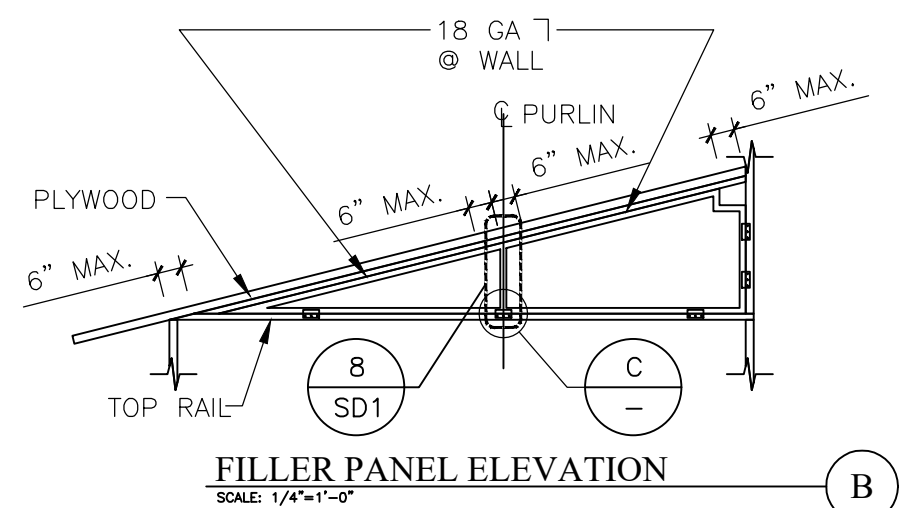
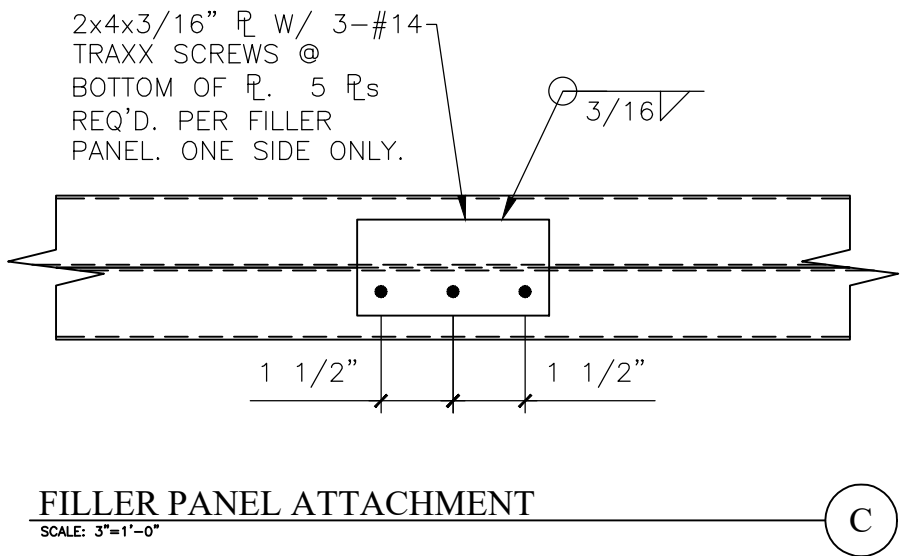
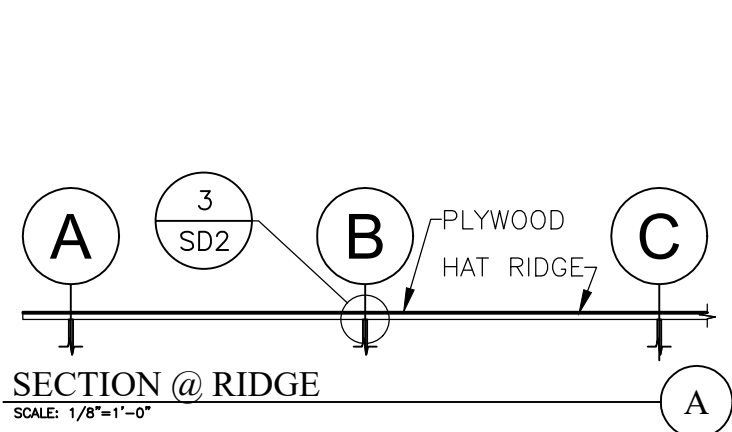
SPECIAL INSPECTION: SPECIAL INSPECTION MAY BE REQUIRED PRIOR AND, OR DURING THE INSTALLATION OF THIS STRUCTURE. IT IS THE CUSTOMER'S RESPONSIBILITY TO PROVIDE FOR THESE INSPECTIONS AS APPLICABLE, AND TO HAVE ANY INSPECTOR REQUIRED ON SITE SO AS NOT TO INTERRUPT INSTALLATION OF THE STRUCTURE.

NOTE TO CONTRACTOR: IF FOR ANY REASON THE DETAILS AND INFORMATION CONTAINED ON THESE PLANS DO NOT CONFORM TO THE CONSTRUCTION SITE CONDITIONS, IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROMPTLY NOTIFY CASTLEBROOK BARN. THERE IS NO ACCEPTABLE EXCUSE FOR UNAUTHORIZED FIELD MODIFICATIONS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING ERECTION. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY IN FIELD ALL EXISTING CONDITIONS SHOWN IN DRAWINGS. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN CALIFORNIA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBSERVE ALSO-13TH EDITION CODE OF STANDARD PRACTICE ALL DIMENSIONS SHOWN ON PLANS ARE CENTER LINE DIMENSIONS. CONCRETE ESTIMATES ARE BASED ON \$85.00 PER YARD. SHOP YOUR CONCRETE PRIOR TO CONTRACTING FOR YOUR BEST PRICE.

STRUCTURAL OBSERVATION: OWNER SHALL PAY ENGINEER TO PERFORM STRUCTURAL OBSERVATIONS IF REQUIRED BY BUILDING DEPT.

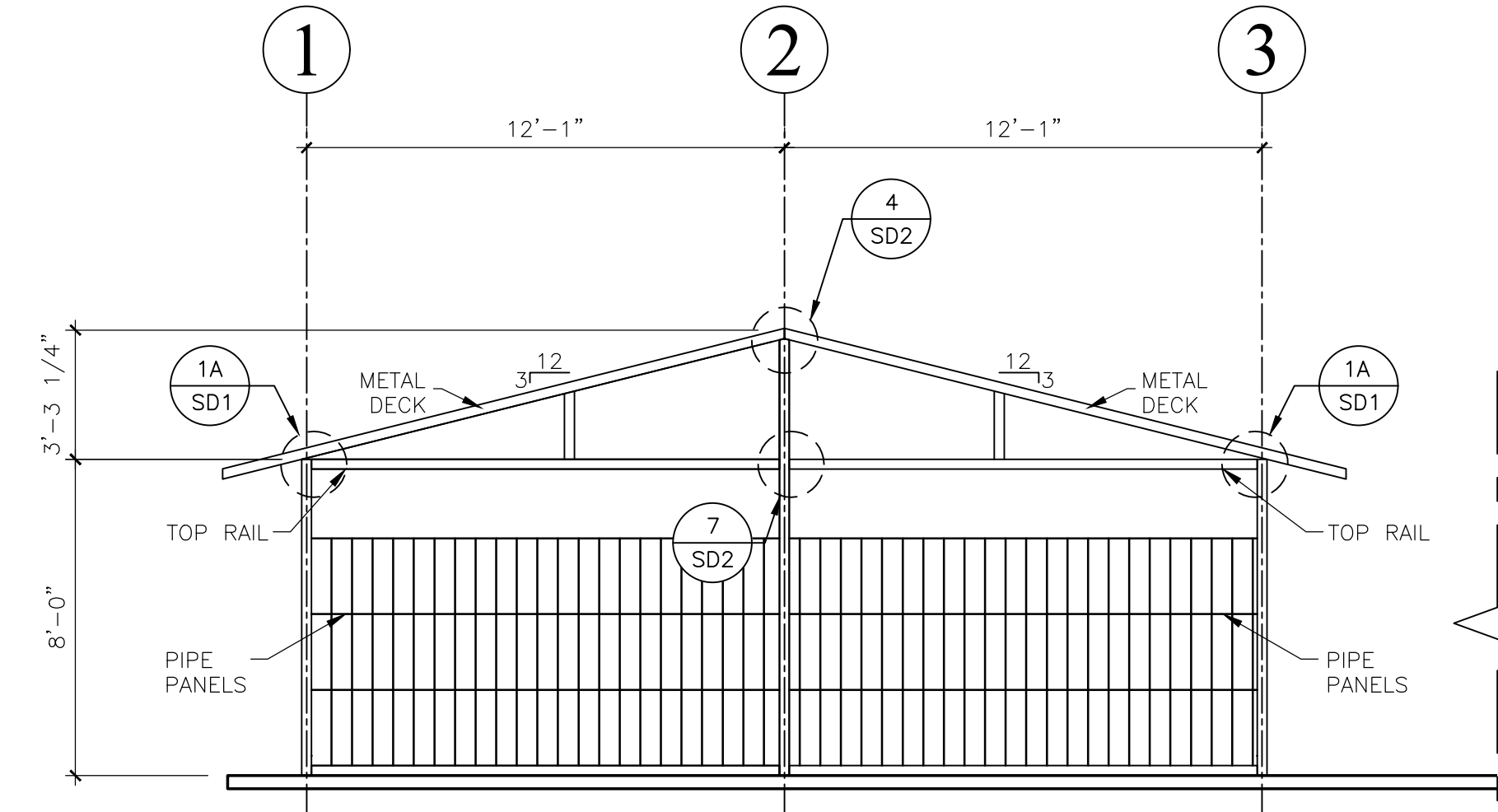
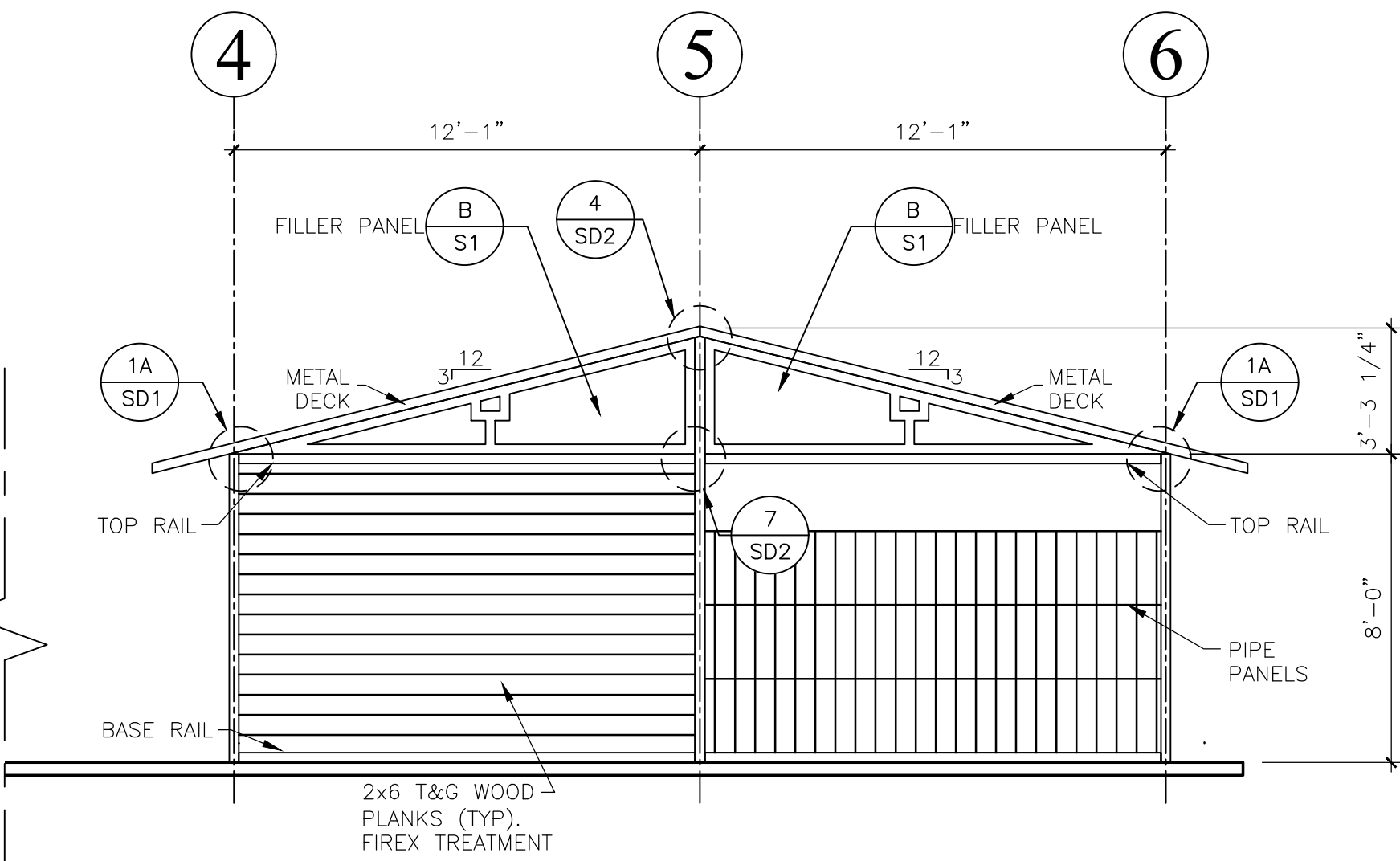
NOTE: ALL Z PURLINS ARE MANUF. BY McELROY SEE  4 SD1 FOR PROPERTIES WORK W/  3A SD1 FOR METAL DECK ROOF ATTACHMENT

OCCUPANCY TYPE AND CONSTRUCTION:
OPEN AREA = 39,200 SQ. FT.
CLOSED AREA = 7103 SQ. FT.
TOTAL AREA = 46303 SQ. FT.
OCCUPANCY U-1
OCCUPANCY U-3
CONSTRUCTION II-B



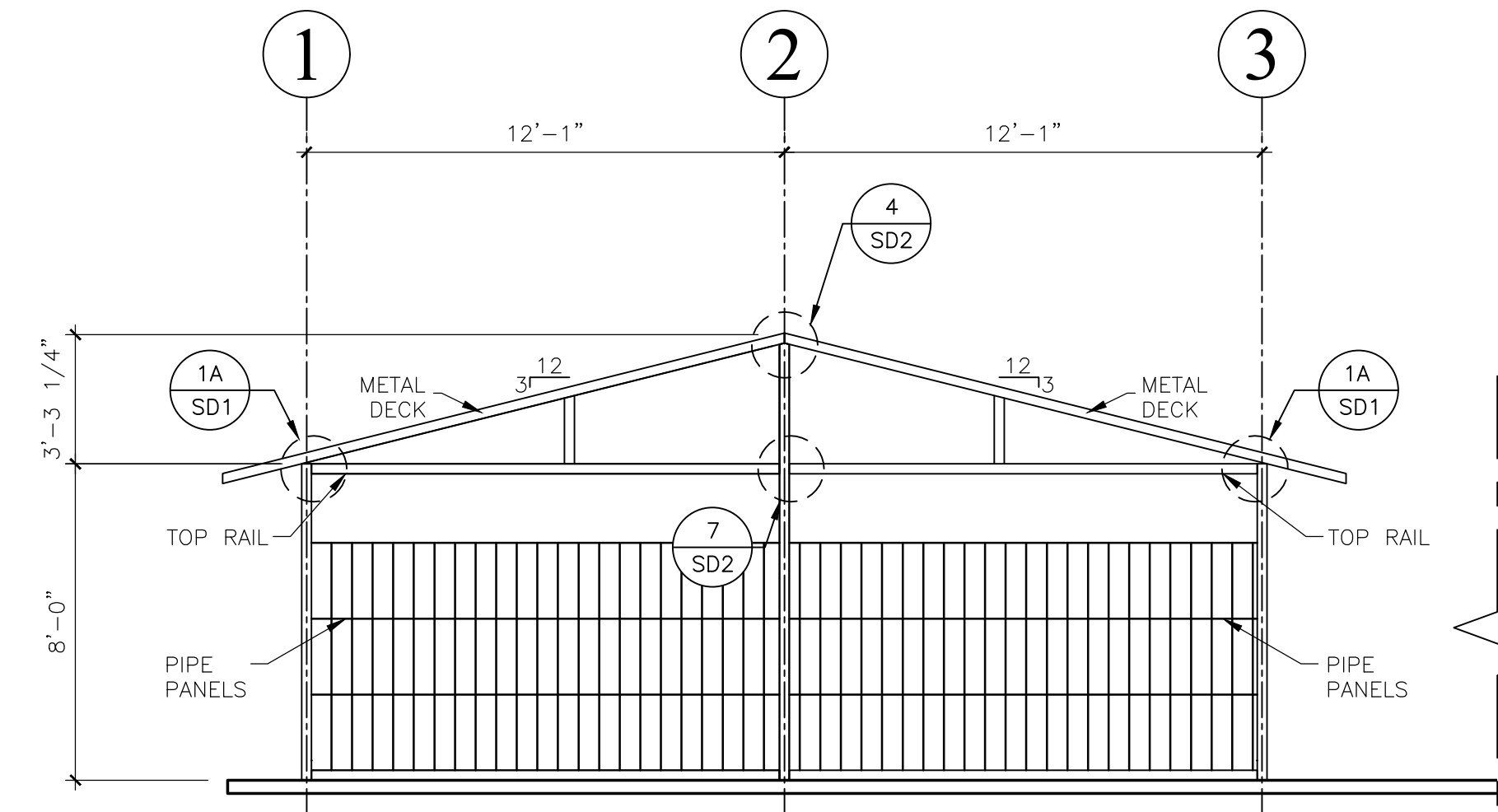
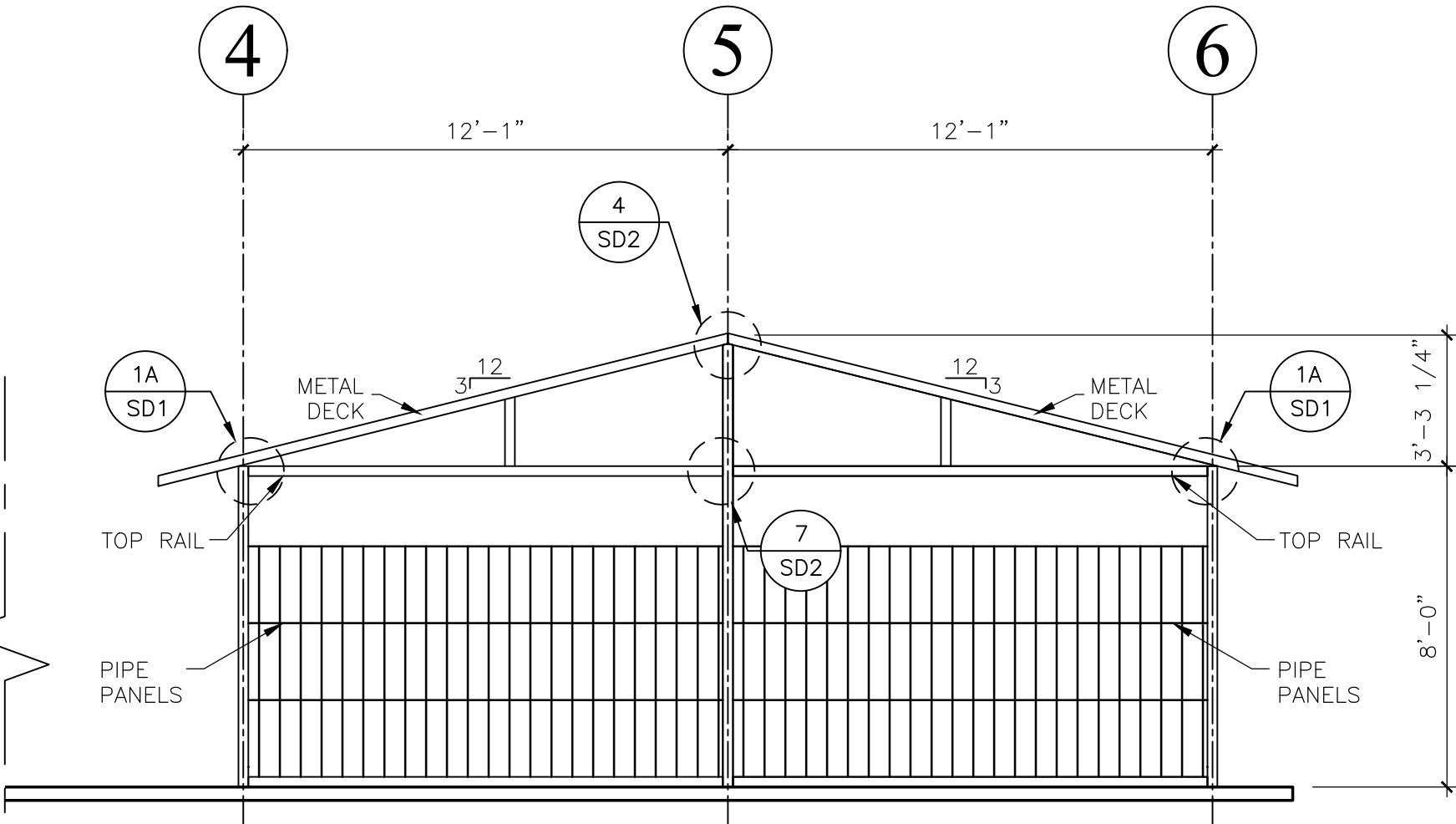
ELEVATION @ LINE A

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



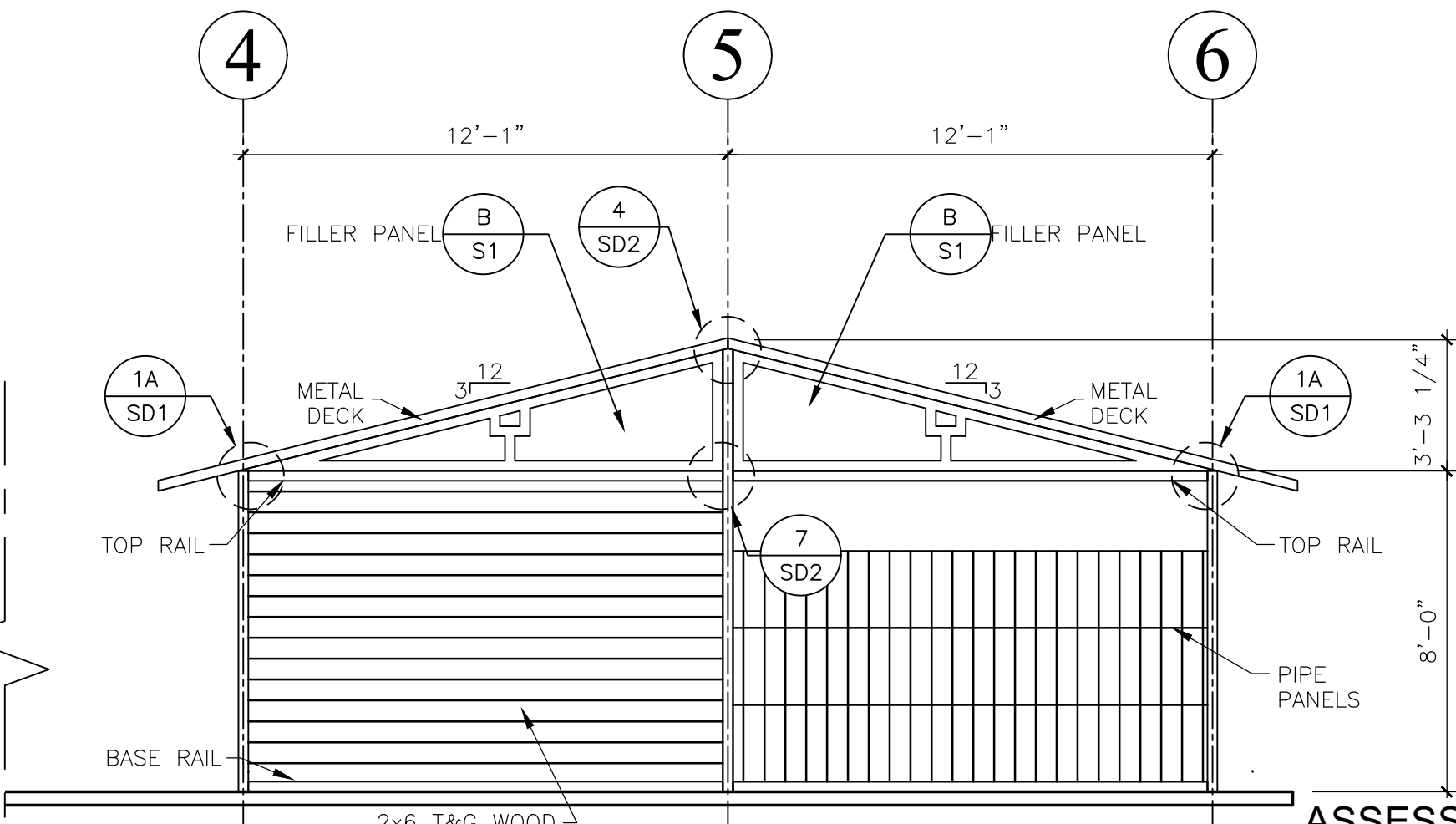
ELEVATION @ LINE B TO H

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



ELEVATION @ LINE I

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



ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

PUMP ENGINEERING INC.
CONSULTING ENGINEERS IN
STRUCTURAL, MECHANICAL,
PLUMBING, ELECTRICAL, CIVIL,
SURVEYING AND ARCHITECTURAL
914 E. KATELLA AVENUE
ANAHEIM, CALIFORNIA 92805-4834
PUMP PROJECT NO. S-2003XX



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CASTLEBROOK BARN
14600 WHITTRAM AVE
FONTANA, CA. 92335
(909)822-0500
LA. CITY FABRICATOR TYPE 1 UC #1780

GENERAL NOTES & ELEVATIONS
OCRM
24 STALL SHEDROW BARN
19292 EL TORO ROAD
SILVERADO, CA 92676-9710

PROJECT NO: S-2104027

REVISIONS

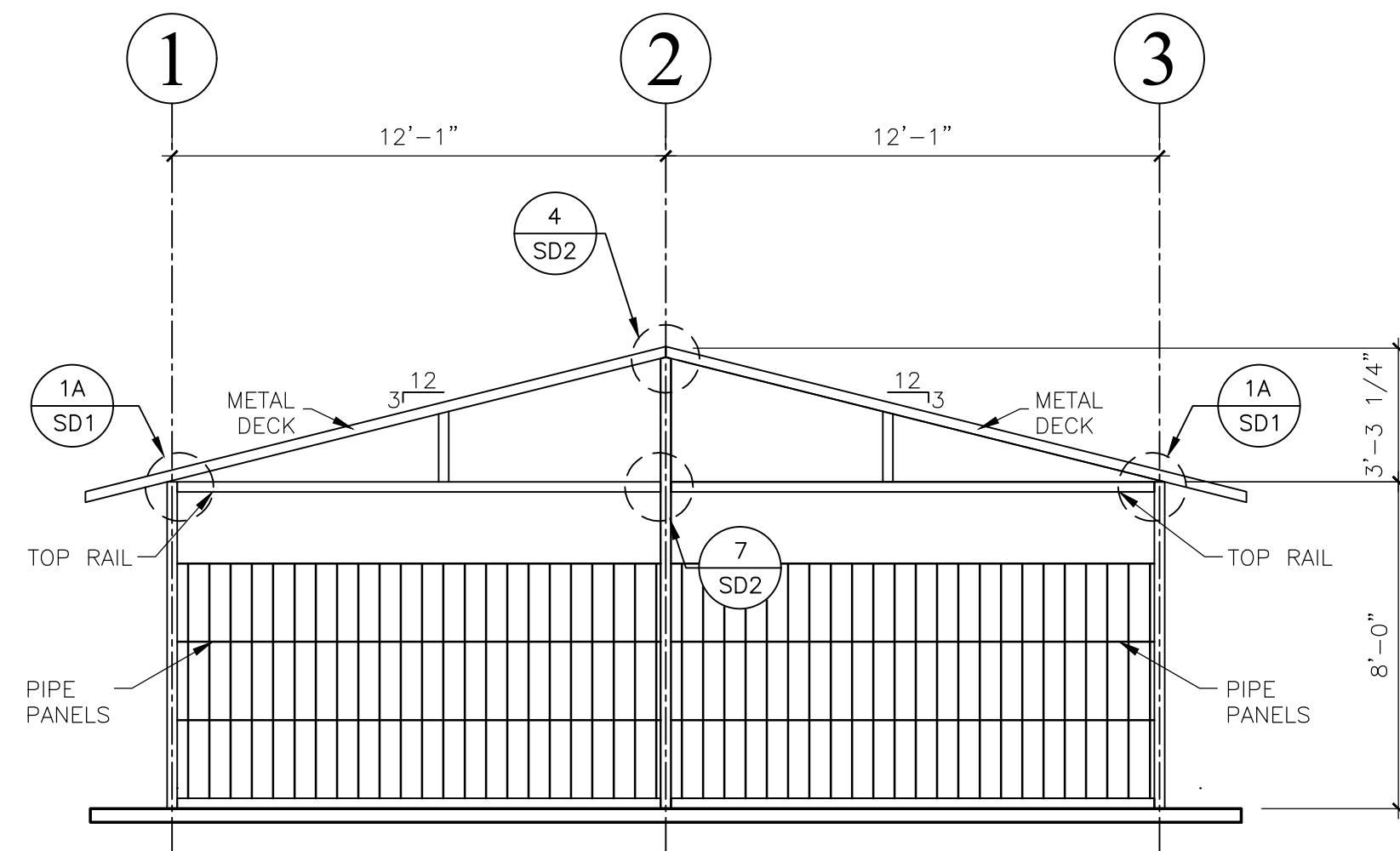
DATE: 05-04-21

CHECKED BY: R. PLUMP

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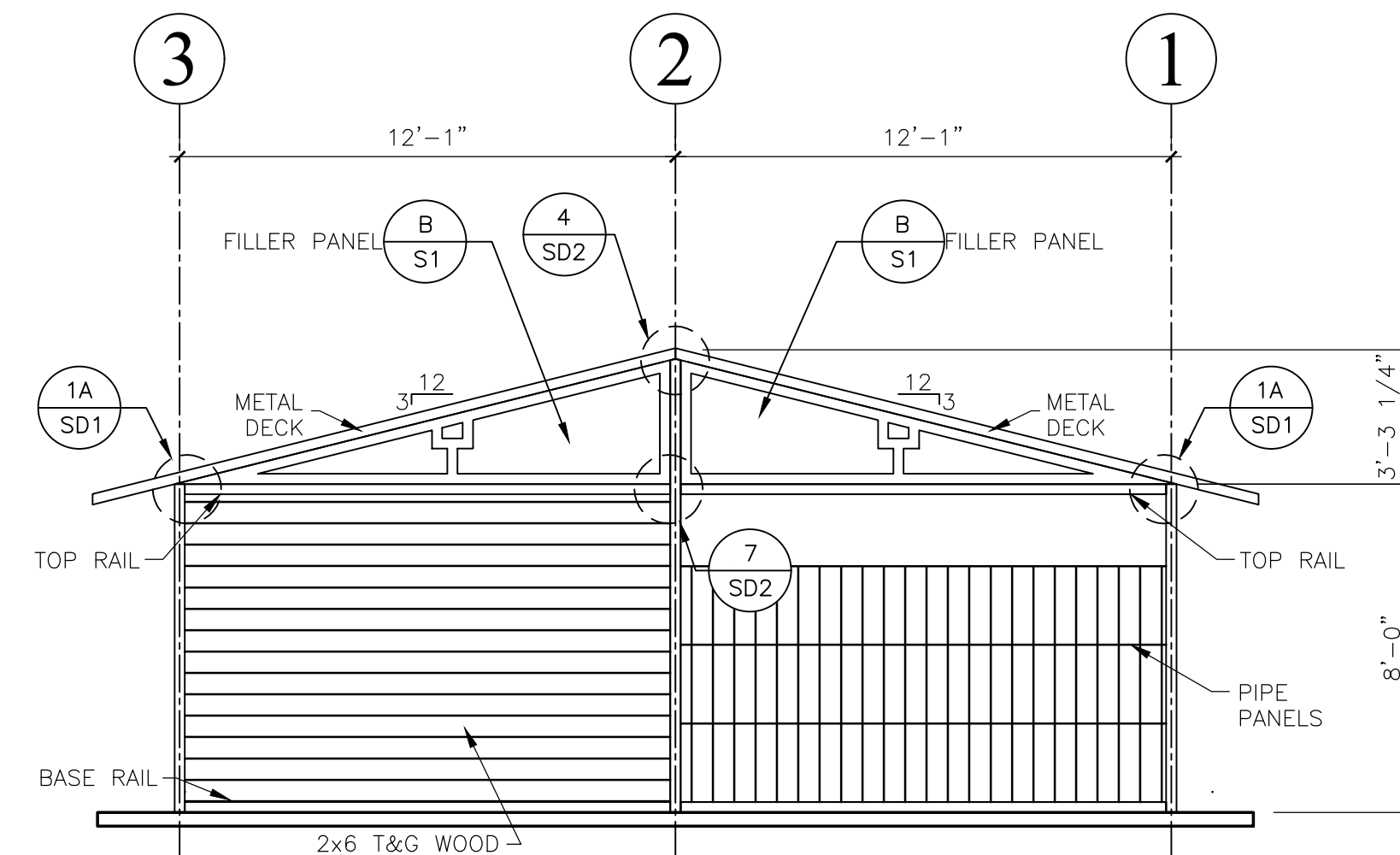
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S3



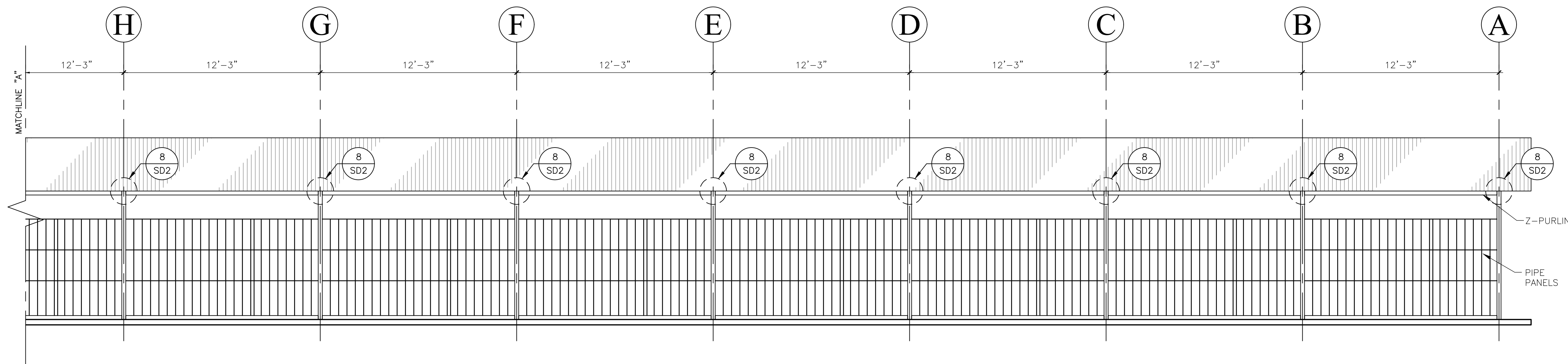
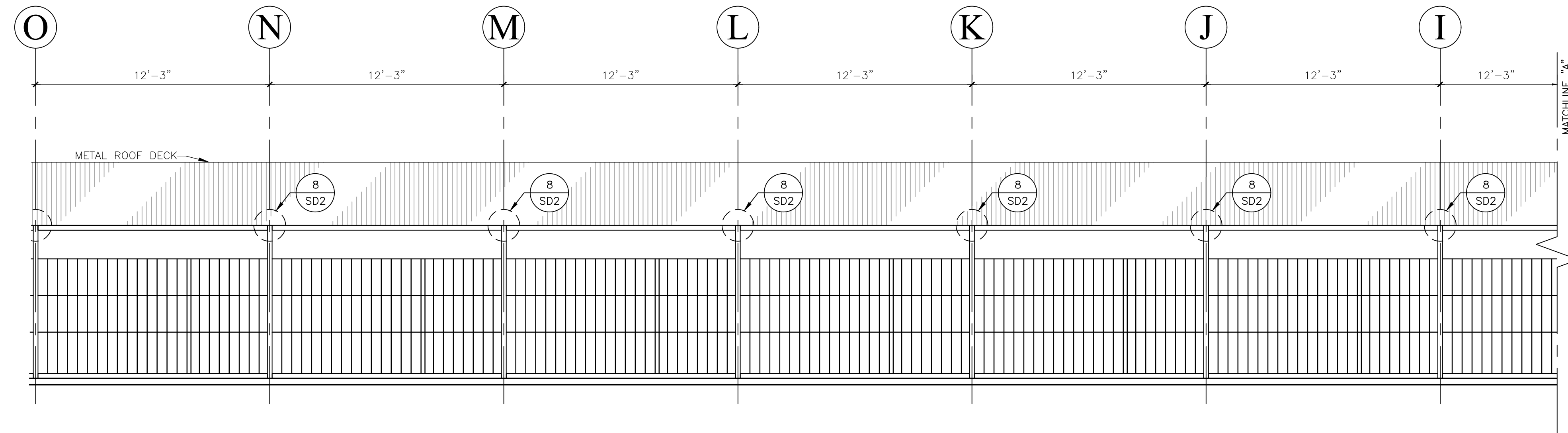
ELEVATION @ LINE J TO P

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



ELEVATION @ LINE Q

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



ELEVATION @ LINE 1

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

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

CASTLEBROOK BARN

14600 WHITTAM AVE

FONTANA, CA. 92335

(909) 822-0500

L.A. CITY FABRICATOR TYPE 1 LIC. #1780

ELEVATIONS & DETAILS

OCRM

24 STALL SHEDDOW BARN

19292 EL TORO ROAD

SILVERADO, CA 92676-9710

PROJECT NO: S.2104027

REVISIONS

DATE: 05-04-21

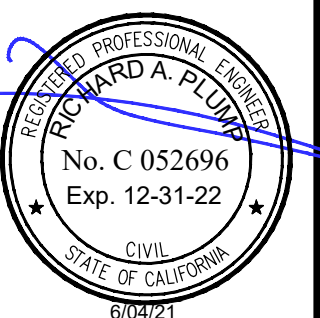
CHECKED BY: R. PLUMP

SCALE:

SHEET NO:

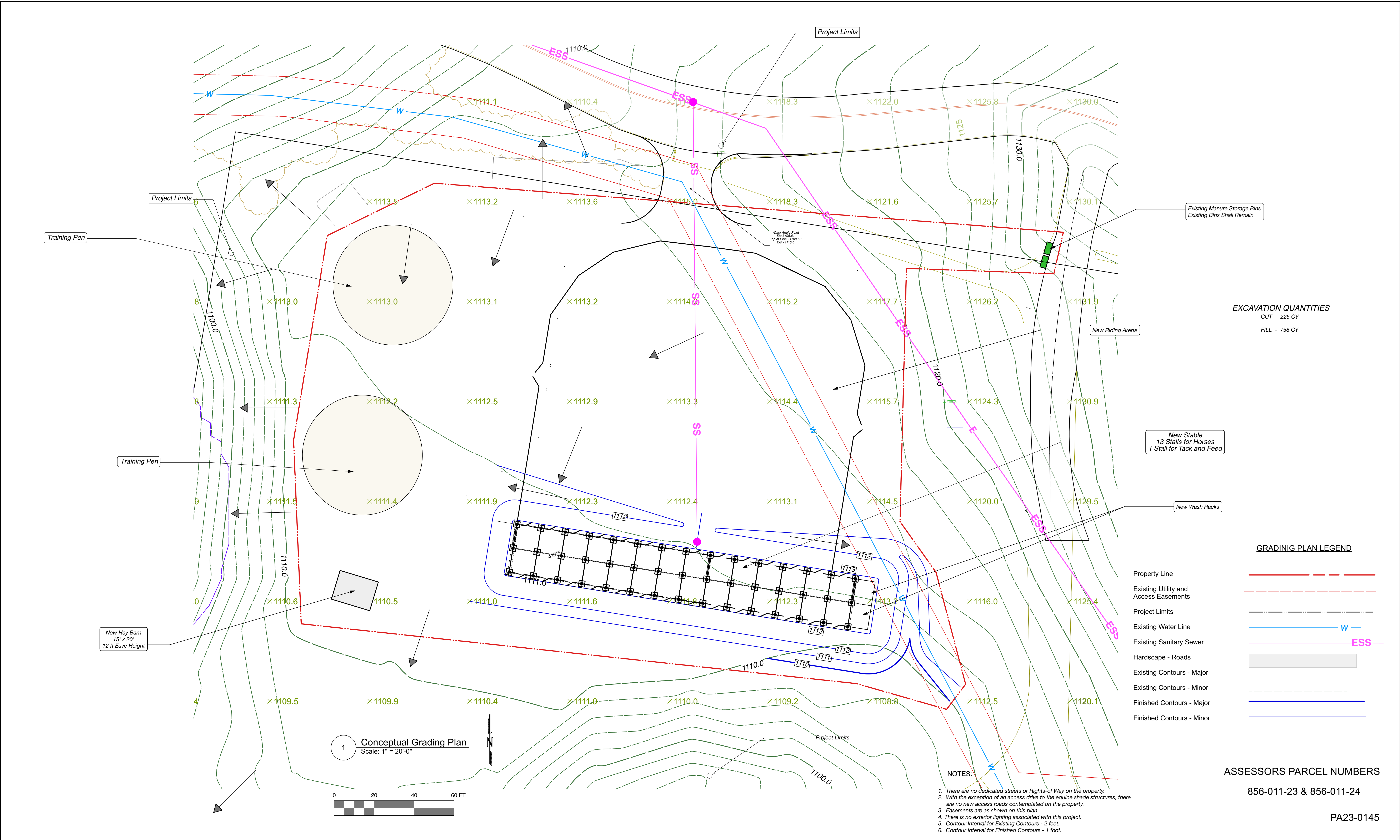
S4

PLUMP ENGINEERING INC.
CONSULTING ENGINEERS IN
STRUCTURAL, MECHANICAL,
PLUMBING, ELECTRICAL, CIVIL,
SURVEYING AND ARCHITECTURAL
914 E KATELLA AVENUE
ANAHEIM, CALIFORNIA 92805
(714) 636-1934
PLUMP PROJECT NO. S.2003XXX



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No.	DATE	REVISION	APPROVED

PROJECT:

Orange County Rescue Mission

19292 El Toro Road

Trabuco Canyon, CA 92676

APPROVED:

County of Orange

Department of Planning

J. T. Yean

Approver Title

DATE: 07 01 24

DESIGNED:

JJB, Jr.

DRAWN:

JJB,Jr

CHECKED:

JJB, Jr




BURGESS ENGINEERING GROUP

27758 Santa Margarita Parkway Suite 284

Mission Viejo, California 92691

949 588 8801 949 588 7216 (Fax)



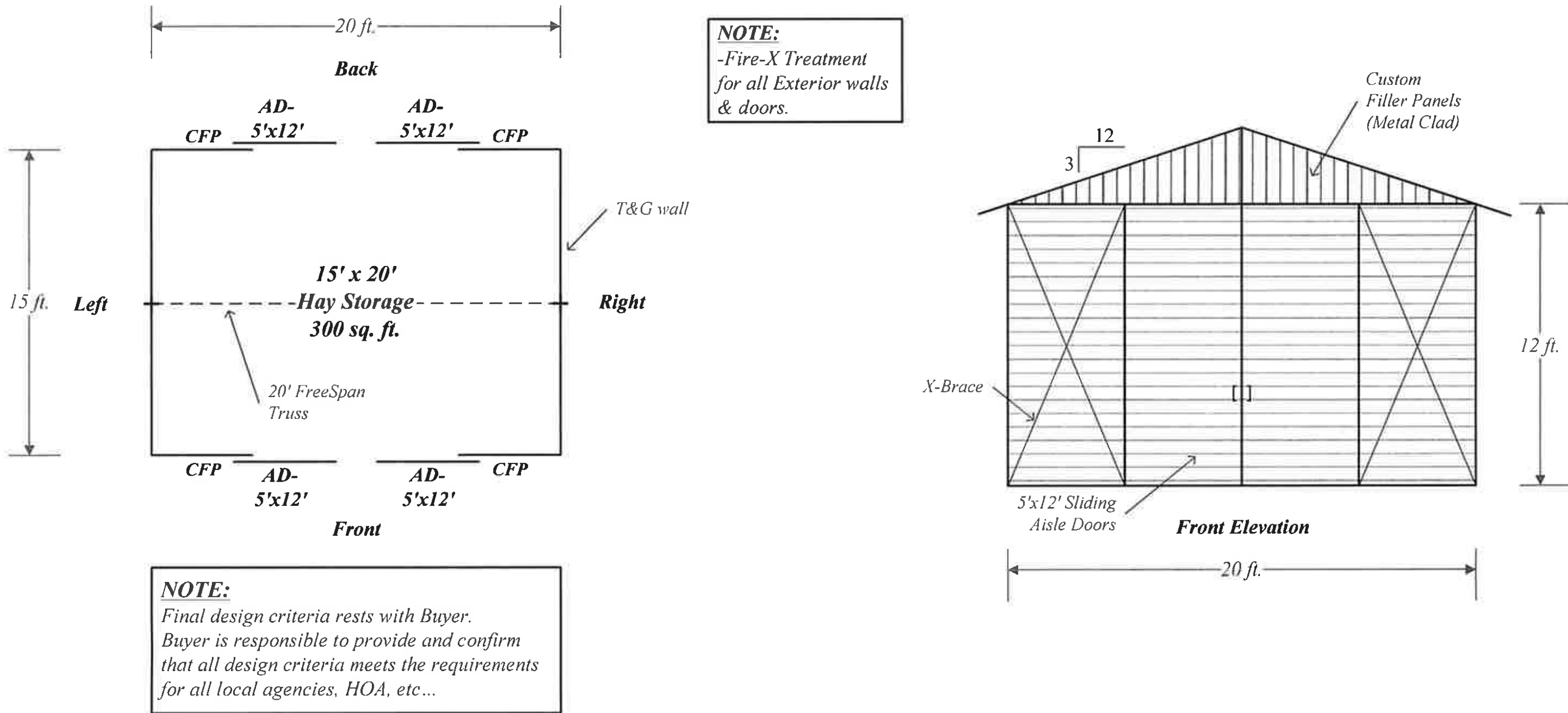
CONCEPTUAL GRADING PLAN

Department of Engineering

PUBLIC WORKS

DRAWING 174607

SHEET SDP-9 OF 11



Design Notes

- Not For Construction
- All dimensions are Nominal.
- Pictorial representations are for general design only. Actual design may vary per structure.
- X Bracing for lateral support is part of CB's standard design. The location and quantity of X Brace will be determined once CB's production commences. Final X Brace locations may affect window, grill or barwork, and accessory placement. Therefore the customer should make special note of this when determining window or accessory placement.
- Unless specifically dimensioned on this drawing, all framed openings, doors and windows shall be located against the nearest post with the height to be set by the installer.
- Upper and lower RCA roof pitches vary slightly. Shedrow overhang roof pitch vary slightly from the roof pitch over the stall depending on overhang size.

Design Criteria

CB's standard will meet or exceed the following:

Design Code	CBC 2022	Wind Load Exposure	C
Roof Load	20#	Foundation	90 MPH 3 Sec. Gust
Seismic Zone	4	Structural	110 MPH 3 Sec. Gust

Unless specifically denoted to the contrary on the contract these design values shall be used.

Key

SSD = Solid Sliding Door	DC/T-1-11 = Drop Ceiling/ T-1-11
SSD-6 = 6' Solid Sliding Door	DC/T&G = Drop Ceiling/ Tongue and Groove
SDD = Solid Dutch Door	GD = Groom Stall Divider
GSD = Grilled Sliding Door	WR = Wash Rack
GDD = Grilled Dutch Door	HP = Hitching Post
GXD = Grilled Yoke Door	HFW = Hinged Foaling Wall
BSD = Barred Sliding Door	FVW = Foal Viewing Window
BDD = Barred Dutch Door	FP = Filler Panel/Metal
BYD = Barred Yoke Door	FP/T&G = Filler Panel/Tongue and Groove
MD = Man Door	OWS = Open Window/Shutter
AD = Aisle Way Door	GWS = Grilled Window/Shutter
XXX = Grilled Front/Divider	BWS = Barred Window/Shutter
((= Barred Front/Divider	FM = Feed Manger
FW = Feed Window	W = 3X3 Glass Window
SFD = Solid Feed Door	O = Automatic Waterer
GFD = Grilled Feed Door	+ = Post
BFD = Barred Feed Door	





4 Manure Storage Bin
Scale: Not To Scale

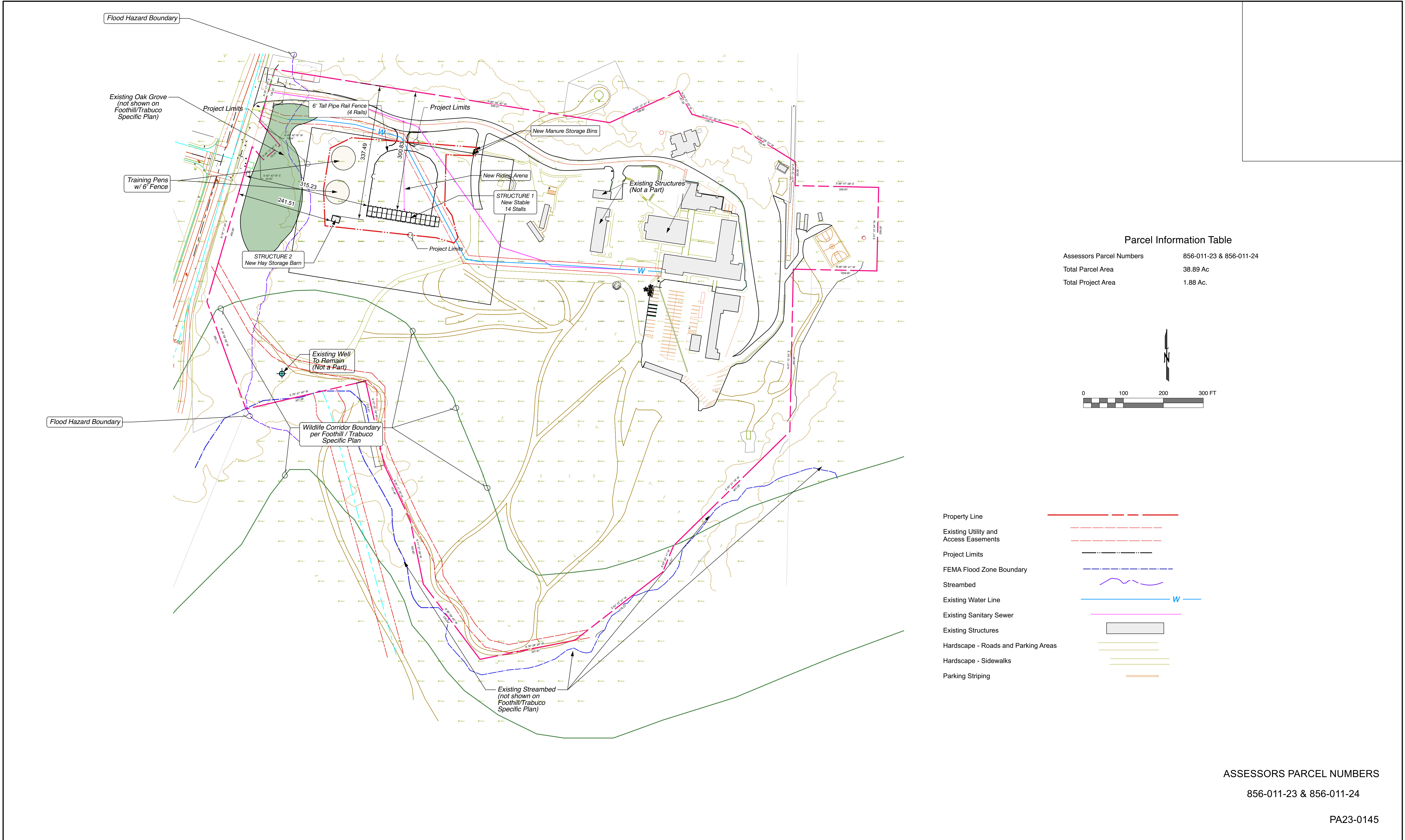
1 Hay Storage Shed
Scale: Not To Scale

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

			PROJECT: <div>Orange County Rescue Mission</div> <div>19292 El Toro Road</div> <div>Trabuco Canyon, CA 92676</div>	APPROVED: <div>County of Orange</div> <div>Department of Planning</div> <div><div>J. T. Yean</div><div>Approver Title</div></div> <div>DATE: 07 01 24</div>	DESIGNED: JJB, Jr.	 <div>BURGESS ENGINEERING GROUP</div> <div>27758 Santa Margarita Parkway Suite 284</div> <div>Mission Viejo, California 92691</div> <div>949 588 8801 949 588 7216 (Fax)</div>		HAY STORAGE - MANURE STORAGE					
No.	DATE	REVISION	APPROVED										





Parcel Information Table	
Assessors Parcel Numbers	856-011-23 & 856-011-24
Total Parcel Area	38.89 Ac
Total Project Area	1.88 Ac.

Property Line	
Existing Utility and Access Easements	
Project Limits	
FEMA Flood Zone Boundary	
Streambed	
Existing Water Line	
Existing Sanitary Sewer	
Existing Structures	
Hardscape - Roads and Parking Areas	
Hardscape - Sidewalks	
Parking Striping	

ASSESSORS PARCEL NUMBERS

856-011-23 & 856-011-24

PA23-0145

				PROJECT: <div>Orange County Rescue Mission</div> <div>19292 El Toro Road</div> <div>Trabuco Canyon, CA 92676</div>	APPROVED: <div>County of Orange</div> <div>Department of Planning</div> <div><div>J. T. Yean</div><div>Approver Title</div></div> <div>DATE: 07 01 24</div>	DESIGNED: JJB, Jr.	 <div>BURGESS ENGINEERING GROUP</div> <div>27758 Santa Margarita Parkway Suite 284</div> <div>Mission Viejo, California 92691</div> <div>949 588 8801 949 588 7216 (Fax)</div>		RESOURCES COMPONENT OVERLAY					
No.	DATE	REVISION	APPROVED											