

LEGAL DESCRIPTION 10

PARCEL NO. 1:
 ALL THAT PORTION OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:
 COMMENCING AT A POINT ON THE EAST LINE OF SAID SECTION 5 BEARING SOUTH 0 DEG. 19' 56" EAST, A DISTANCE THEREON OF 1082.06 FEET FROM THE EAST 1/4 CORNER THEREOF; THENCE NORTH 89 DEG. 40' 04" WEST, AT RIGHT ANGLES TO SAID EAST LINE, A DISTANCE OF 759.75 FEET; THENCE SOUTH 58 DEG. 56' 30" WEST, A DISTANCE OF 36.43 FEET TO THE TRUE POINT OF BEGINNING SAID POINT DESIGNATED FOR THE PURPOSES OF THIS DESCRIPTION AND HENCEFORTH REFERRED TO AS POINT "A"; THENCE CONTINUING SOUTH 58 DEG. 56' 30" WEST, A DISTANCE OF 623.57 FEET; THENCE SOUTH 31 DEG. 02' 30" EAST, A DISTANCE OF 660.00 FEET; THENCE NORTH 58 DEG. 56' 30" WEST, A DISTANCE OF 660.00 FEET; THENCE NORTH 31 DEG. 02' 30" WEST, A DISTANCE OF 591.05 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE NORTHERLY HAVING A RADIUS OF 65.16 FEET, SAID POINT BEARS SOUTH 5 DEG. 40' 02" EAST A DISTANCE OF 65.16 FEET FROM THE CENTERPOINT THEREOF; THENCE NORTHWESTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 73 DEG. 31' 02" A DISTANCE OF 83.61 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL NO. 2:
 AN EASEMENT FOR ROAD PURPOSES, 75.00 FEET IN WIDTH OVER ALL THAT PORTION OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 3 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:
 BEGINNING AT AFORESAID POINT "A" AS DESCRIBED IN PARCEL NO. 1 ABOVE; THENCE SOUTH 58 DEG. 56' 30" WEST A DISTANCE OF 75.43 FEET TO A POINT ON A NON-TANGENT CURVE WHICH BEARS SOUTH 43 DEG. 04' 04" WEST A DISTANCE OF 140.16 FEET FROM THE CENTERPOINT THEREOF; THENCE NORTHERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 4 DEG. 49' 56" A DISTANCE OF 11.70 FEET; THENCE TANGENT TO SAID CURVE NORTH 22 DEG. 09' 00" WEST A DISTANCE OF 386.51 FEET TO A POINT ON A NON-TANGENT CURVE CONCAVE NORTHERLY AT THE SOUTHERLY LINE OF TWENTYNINE PALMS HIGHWAY 100.00 FEET WIDE, SAID POINT BEARS SOUTH 24 DEG. 02' 56" EAST A DISTANCE OF 2923.47 FEET FROM THE CENTERPOINT THEREOF; THENCE EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 1 DEG. 29' 17" A DISTANCE OF 75.00 FEET TO A SECOND POINT ON SAID CURVE WHICH BEARS SOUTH 25 DEG. 31' 13" EAST A DISTANCE OF 2923.47 FEET FROM THE CENTERPOINT THEREOF; THENCE SOUTH 22 DEG. 09' 00" WEST A DISTANCE OF 362.47 FEET TO THE POINT OF BEGINNING.

APN: 0585-273-04-0-000

BUSINESS OPERATION INFO 11

HOURS OF OPERATION: 9AM - 4PM
 MONDAY - SUNDAY

MAX OCCUPANCY: 83

ACCESS: ACCESS WILL BE GOVERNED BY A SELF-SERVE KIOSK AT THE ENTRANCE, WITH EACH STORAGE UNIT ASSIGNED AN ENTRY CODE FOR ACCESS. THE ENTRY CODE WILL ONLY WORK DURING THE HOURS OF OPERATION

SECURITY: SECURITY PERSONNEL WILL STOP BY THE SITE AND DRIVE THROUGH UNITS TWICE A DAY DURING BUSINESS HOURS TO ENSURE COMPLIANCE WITH BUSINESS TERMS OF SERVICE

STORAGE MATERIAL: AS OUTLINED IN BUSINESS TERMS OF SERVICE, STORAGE UNITS WILL BE RESERVED FOR STANDARD RESIDENTIAL PURPOSES, SUCH AS FURNITURE, CLOTHING, HOLIDAY DECORATIONS, FILES / PAPERWORK, AND SHALL BE PROHIBITED FROM STORING FIREARMS, FOOD AND OTHER HAZARDOUS MATERIALS

UTILITY CONTACTS:
 POWER (SO-CAL EDISON)
 36100 CATHEDRAL CANYON DR.
 CATHEDRAL CITY, CA 92234
 800-622-4555

WATER (HI-DESERT WATER DISTRICT)
 55439 29 PALMS HWY
 YUCCA VALLEY, CA, 92284
 760-365-5701

GENERAL NOTES 9

- THESE CONSTRUCTION DOCUMENTS ARE INTENDED TO CONVEY THE DESIGNER'S DESIGN INTENT ONLY, AND TO PRODUCE THOSE INTENDED RESULTS UNDER ALL RECOGNIZED LOCAL STANDARDS EVEN IF NOT SHOWN, BUT REASONABLY INFERRABLE THEREFROM.
- CONSTRUCTION DOCUMENTS ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PURPOSE, OTHER THAN AS ORIGINALLY INTENDED AND EXCEPT AS AUTHORIZED IN WRITING BY THE DESIGNER.
- CONTRACTOR SHALL STUDY AND COMPARE THE CONTRACT DOCUMENTS AND SHALL AT ONCE REPORT TO THE ENGINEER ALL ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED AND SHALL VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK. IF A SUBCONTRACTOR PROCEEDS WITH ANY WORK SO AFFECTED WITHOUT WRITTEN INSTRUCTIONS FROM THE DESIGNER, THE SUBCONTRACTOR SHALL MAKE GOOD, AT HIS OWN COST, ANY RESULTING ERROR, DAMAGE OR DEFECTS. THE SUBCONTRACTOR SHALL PERFORM NO PORTION OF THE WORK WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT/FINISH DATA OR SAMPLES FOR EACH PORTION OF WORK.
- THE INTENT OF THESE DRAWINGS IS TO PROVIDE A COMPLETE FINISHED JOB IN ALL RESPECTS. CONTRACTORS ARE TO MAKE ACCURATE FIELD INSPECTIONS OF ALL ASPECTS OF THE JOB. EXTRAS WILL NOT BE ALLOWED UNLESS AUTHORIZED BY THE OWNER AND DESIGNER FOR "AUTHORIZED CHANGES AND REVISIONS" TO THE SCOPE OF WORK.
- IN CASE OF DISCREPANCIES BETWEEN THE DRAWINGS AND NOTES, THE REQUIREMENTS SET FORTH IN THE NOTES SHALL PREVAIL. DISCREPANCIES, IF ANY, SHALL BE BROUGHT TO THE DESIGNER'S ATTENTION BEFORE PERFORMING THE WORK AFFECTED BY THE DISCREPANCY.
- LARGER SCALED DETAILS SHALL TAKE PRECEDENCE OVER SMALLER SCALED DETAILS, SECTIONS OR PLANS FROM WHICH THEY ARE REFERENCED.
- IN NO INSTANCE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS OR DETAILS. THE CONTRACTOR SHALL USE THE DIMENSIONS SHOWN ON THE DRAWINGS AND ACTUAL FIELD MEASUREMENTS. ALL DIMENSIONS AFFECTING MATERIALS OR EQUIPMENT WITH SPECIFIC TOLERANCES SHALL BE VERIFIED BY THE CONTRACTOR AND/OR SUPPLIER IN THE FIELD.
- SUBCONTRACTORS SHALL CHECK WITH ALL EQUIPMENT AND PRODUCT MANUFACTURERS TO VERIFY DIMENSIONS AND DETAILS PRIOR TO COMMENCEMENT OF WORK.
- SUBCONTRACTORS SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTION PROGRAMS IN CONNECTION WITH THEIR WORK, AND FOR MAINTAINING APPROPRIATE INSURANCE TO PROTECT THE SUBCONTRACTOR, DESIGNER AND OWNER.
- THE DESIGNER SHALL SUBMIT CONTRACT DOCUMENTS FOR "PLAN CHECK" AND MAKE ANY NECESSARY CORRECTIONS. THE OWNER WILL PAY FOR THE BUILDING PERMIT AND ATTACHED FEES; CHARGES, FEES AND ASSESSMENTS LEVIED BY PUBLIC AUTHORITIES FOR CONNECTION TO PUBLIC UTILITIES, AND THE COST OF BONDS REQUIRED FOR INSURANCE OF THE WORK RELATED CONSTRUCTION.
- SINGLE FAMILY DWELLINGS ARE NOT CHECKED FOR PLUMBING, MECHANICAL AND ELECTRICAL COMPLIANCE. THESE DISCIPLINES ARE SUBJECT TO FIELD INSPECTION
- CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY BARRICADES AND DUST PROOF PARTITIONS AS NEEDED FOR PROTECTIONS AGAINST ACCIDENT AND TO MAINTAIN ADEQUATE PROTECTION OF HIS WORK AND THE OWNER'S PROPERTY FROM DAMAGE OR LOSS ARISING IN CONNECTION WITH ANY CONSTRUCTION. ALL DAMAGE SO OCCURRING SHALL BE REPAIRED OR REPLACED BY THE RESPONSIBLE SUBCONTRACTOR AT NO COST TO THE DESIGNER OR OWNER.
- TYPICAL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES, UNLESS SPECIFICALLY NOTED OTHERWISE. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK.
- ALL MATTERS OF COLOR, TEXTURE, DESIGN AND INTERPRETATION OF PLANS SHALL BE REFERRED BY THE CONTRACTOR TO THE DESIGNER FOR RESOLUTION IN THE EVENT THE DESIGNER'S DESIGN INTENT IS UNCLEAR TO THE CONTRACTOR.
- ALL SUBSTITUTIONS OF PRODUCTS SPECIFIED IN CONTRACT DOCUMENTS MUST BE SUBMITTED TO DESIGNER AND OWNER FOR APPROVAL PRIOR TO PURCHASE, FABRICATION OR INSTALLATION.
- EACH CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, TRANSPORTATION AND EQUIPMENT NECESSARY TO PERFORM ALL WORK UNDER HIS TRADE IN FULL ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS.
- NO PART OF THE STRUCTURE SHALL BE OVERLOADED BEYOND ITS SAFE CARRYING CAPACITY BY THE TEMPORARY (OR PERMANENT) PLACING OF MATERIALS, EQUIPMENT, TOOLS, MACHINERY AND OTHER ITEMS.
- ALL WORK SHALL CONFORM TO THE CURRENT EDITIONS OF NATIONAL STATE AND LOCAL CODES AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK. ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING GENERAL CONSTRUCTION, MECHANICAL, ELECTRICAL, PLUMBING OR RELATED WORK SHALL COMPLY WITH APPLICABLE SECTIONS OF THE CODES THAT HAVE JURISDICTION.
- MATERIALS, APPLIANCES, FIXTURES, PRODUCTS AND EQUIPMENT SHALL BE NEW EXCEPT AS SPECIFIED OTHERWISE. WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE BEST ACCEPTED STANDARDS OF PRACTICE OF ALL TRADES, CONSISTENT WITH THE CONTRACT DOCUMENTS. EACH CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING THAT MAY BE REQUIRED TO MAKE ALL PARTS COME TOGETHER PROPERLY AND FIT TO RECEIVE OR BE RECEIVED BY THE WORK OF OTHER TRADES, OR REASONABLY IMPLIED BY THE CONTRACT DOCUMENTS FOR THE COMPLETED STRUCTURE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING THE REQUIRED INSPECTIONS BY LOCAL AUTHORITIES AT THE APPROPRIATE TIMES.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR EXERCISING ALL SAFETY PRECAUTIONS CONTINUOUSLY PER LOCAL AND STATE CODES ON THE CONSTRUCTION SITE.
- CONSULTANT DRAWINGS SUCH AS GRADING, STRUCTURAL, MECHANICAL, ELECTRICAL AND LANDSCAPING DRAWINGS, ETC. ARE SUPPLEMENTARY TO THE DESIGN DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WITH THE DESIGN DRAWINGS BEFORE THE INSTALLATION OF GRADING, STRUCTURAL, MECHANICAL, ELECTRICAL, LANDSCAPE AND RELATED WORK. ANY DISCREPANCY BETWEEN THE ARCHITECTURAL AND THE CONSULTANT'S DRAWINGS, SHALL BE BROUGHT TO THE DESIGNER'S ATTENTION FOR CLARIFICATION AND ANY WORK INSTALLED IN CONFLICT WITH THE DESIGNER'S INTENTION SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR DESIGNER.

TYPICAL ABBREVIATIONS 8

COMMON ABBREVIATIONS USED IN PLANS AND SPECIFICATIONS. PLEASE CONTACT ENGINEER IF ANYTHING IS UNCLEAR.

AB	ANCHOR BOLT
ADJ	ADJACENT
ABV	ABOVE
APA	AMERICAN PLYWOOD ASSOC.
ARCH	ARCHITECT
B or BOT	BOTTOM
BLKG	BLOCKING
BLW	BELOW
BM	BEAM
BN	BOUNDARY NAIL
CANT	CANTILEVER
CB	CEILING BEAM
CJ	CEILING JOIST
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
D	DEPTH
DF	DOUG FIR
DIA	DIAMETER
DIM	DIMENSION
DJ	DECK JOIST
DL	DEAD LOAD
DT	DRAG TRUSS
DWG	DRAWING
(E)	EXISTING
EA	EACH
ELEV	ELEVATION
EQ	EQUAL
EXT	EXTERIOR
FF	FINISH FLOOR
FG	FINISH GRADE
FJ	FLOOR JOIST
FRMG	FRAMING
FTG	FOOTING
FT	FOOT (FEET)
GC	GENERAL CONTRACTOR
GET	GABLE END TRUSS
GLB	GLUE-LAMINATED BEAM
H	HEIGHT
HD	HOLD-DOWN
HDR	HEADER
HGR	HANGER
HSS	HOLLOW STEEL SECTION
INT	INTERIOR
INV	INVERTED
K	KIP (1000 LBS)
KP	KING POST
KS	KING STUD
LL	LIVE LOAD
LVL	LAMINATED VENEER LUMBER
MFR	MANUFACTURER
MAX	MAXIMUM
MIN	MINIMUM
ML	MICROLAM
(N)	NEW
NG	NATURAL GRADE
NTS	NOT TO SCALE
O	OVER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PERP	PERPENDICULAR
PL	PARALLAM
PLT	PLT
PTDF	PRESSURE TREATED DOUG-FIR
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
REINF	REINFORCEMENT
REQD	REQUIRED
RR	ROOF RAFTER
RT	ROOF TRUSS
SCHED	SCHEDULE
SHTG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATIONS
SQ	SQUARE
STAGG	STAGGERED
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SHEAR WALL
SYM	SYMMETRICAL
T	TOP
T&G	TONGUE AND GROOVE
THK	THICK
TRM	TRIMMER
TS	TIMBERSTRAND
TYP	TYPICAL
UNO	UNLESS NOTIFIED OTHERWISE
VERT	VERTICAL
WD	WOOD
WT	WEIGHT
W /	WITH
W / O	WITHOUT

APPLICABLE CODES 6

ALL WORK SHALL CONFORM STRICTLY TO CURRENT APPLICABLE SAN BERNARDINO COUNTY AMENDMENTS AND REGULATIONS, AS WELL AS:

(CBC)	2019 CALIFORNIA BUILDING CODE
(CRC)	2019 CALIFORNIA RESIDENTIAL CODE
(CEBC)	2019 CALIFORNIA EXISTING BUILDING CODE
(CMC)	2019 CALIFORNIA MECHANICAL CODE
(CPC)	2019 CALIFORNIA PLUMBING CODE
(CEC)	2019 CALIFORNIA ELECTRICAL CODE
(CEC)	2019 CALIFORNIA ENERGY CODE
(CALGreen)	2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
(CFC)	2019 CALIFORNIA FIRE CODE

GRADING / SITE PREP. NOTES 7

- OBTAIN ALL NECESSARY PERMITS PRIOR TO START OF GRADING WORK.
- ALL GRADING PROCEDURES SHALL COMPLY WITH THE APPROVED SOILS REPORT AND SHALL INCLUDE, BUT ARE NOT LIMITED TO: GRADING, EXCAVATION, TRENCHING, SCARIFICATION, COMPACTION AND MOISTURE CONDITIONING.
- AS REQUIRED BY THE SOILS REPORT, THE GEOTECHNICAL ENGINEER OR A CERTIFIED GEOLOGIST SHALL BE RETAINED FOR INSPECTION AND APPROVAL OF ALL EXCAVATIONS TO VERIFY THEY ARE FOUNDED IN COMPETENT MATERIAL PRIOR TO THE PLACEMENT OF FORMWORK OR REINFORCEMENT.
- REMOVAL OF DEBRIS AND EXISTING FILL AND DISTURBED NATURAL SOILS SHALL BE EXCAVATED TO THE SATISFACTION OF THE SOILS ENGINEER.
- NO ADJUSTMENTS OF ELEVATIONS SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE DESIGNER AND BUILDING OFFICIAL.
- ALL FILL AND FILL SLOPE SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY.
- REMOVE ALL DEBRIS, VEGETATION, TREE ROOTS, ORGANIC TOPSOIL, EXISTING STRUCTURES, FOOTINGS, FOUNDATIONS, RUBBLE, TREES, PAVED AREAS AND ANY UNDESIRABLE MATERIALS FROM THE CONSTRUCTION AREA TO THE SATISFACTION OF THE SOILS ENGINEER.
- IF ANY UNFORESEEN SUBSURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION THEY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE SOILS ENGINEER AND BUILDING DEPARTMENT BEFORE PROCEEDING FURTHER.
- THE CONTRACTOR SHALL TAKE PROTECTIVE MEASURES SO AS NOT TO CAUSE ANY MUD, SILT OR DEBRIS TO BE DEPOSITED ONTO PUBLIC OR ADJACENT PROPERTY AT ALL TIMES DURING CONSTRUCTION. ANY MUD OR DEBRIS ON PUBLIC PROPERTY SHALL BE REMOVED IMMEDIATELY AND DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHOD THROUGHOUT THE GRADING AND BUILDING CONSTRUCTION OPERATION.
- PEDESTRIANS SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING, AND DEMOLITION ACTIVITIES. SIGNAGE SHALL BE PROVIDED TO DIRECT PEDESTRIAN TRAFFIC. BARRIERS SHALL BE CONSTRUCTED PER CBC 3306.6.
- ALL UTILITY CONDUCTORS, CABLES, CONDUITS, AND WIRING SUPPLYING ELECTRICAL, CABLE AND TELEPHONE SERVICE SHALL BE INSTALLED UNDERGROUND EXCEPT FOR RISERS WHICH ARE ADJACENT TO AND ATTACHED TO A BUILDING, OR AS OTHERWISE APPROVED.
- ALL CONDUCTORS, CABLES, WIRES, CONDUIT AND PIPING LOCATED OUTSIDE OF A BUILDING OR STRUCTURE AND WITHIN THE EXTERIOR PROPERTY LINES SHALL BE INSTALLED UNDERGROUND EXCEPT FOR RISERS WHICH ARE ADJACENT AND ATTACHED TO A BUILDING OR STRUCTURE.
- ALL EXISTING MATURE TREES TO REMAIN ARE TO BE PROTECTED DURING THE COURSE OF CONSTRUCTION. DO NOT DISTURB OR CHANGE THE EXISTING GRADE WITHIN THE TREE DRIP-LINE. IF TRENCHING IS REQUIRED AND CANNOT BE RELOCATED, HAND TRENCH WITHIN DRIP-LINE AND TUNNEL PIPE UNDER ROOTS. DO NOT CUT ROOTS OVER 2" DIAMETER AND DO NOT STOCKPILE SOIL OR OTHER MATERIALS WITHIN THE DRIP-LINE AREA. DEEP-WATER EXISTING TREES AT LEAST 1-2 TIMES PER MONTH, OR AS NECESSARY TO KEEP TREES HEALTHY UNTIL ANY PLANNED IRRIGATION SYSTEM IS INSTALLED.
- BEFORE STARTING ANY WORK RELATING TO EXISTING UTILITIES (ELECTRICAL, SANITARY, WATER, HEAT, GAS, ETC.) THAT WILL TEMPORARILY DISCONTINUE OR DISRUPT SERVICES TO THE EXISTING BUILDING, NOTIFY THE OWNER AND APPROPRIATE AGENCIES SEVENTY-TWO (72) HOURS IN ADVANCE AND OBTAIN REQUIRED APPROVAL AND/OR PERMITS PRIOR TO BEGINNING WORK.

PROJECT DESCRIPTION 2

CONVERT EXISTING DIRT LOT INTO PERSONAL SELF-STORAGE FACILITY (MINI-STORAGE) USING:

- (155) 8' X 20' STANDARD HEIGHT SHIPPING CONTAINERS AND
- (8) 8' X 10' STANDARD HEIGHT SHIPPING CONTAINERS

PROVIDING MIXED STORAGE AREA OF ±25,440 SQ. FT. ADDITIONAL WORK TO INCLUDE:

- (1) 20' ELECTRIC ENTRY GATE W/ AUTOMATED COMBO KEYPAD PROVIDING ACCESS ONLY DURING BUSINESS HOURS AND FIRE DEPARTMENT APPROVED KNOX KEY SWITCH
- (1) 20' EXIT GATE W/ FIRE DEPARTMENT APPROVED KNOX KEY SWITCH
- (1) 17'-4" X 12' TRASH ENCLOSURE PER COUNTY STANDARD
- 148' NEW CHAIN-LINK FENCE AT ENTRY
- 290' NEW CHAIN-LINK FENCE AT REAR OF STORAGE AREA

TEAM / CONTACT INFO 1

OWNER
 CONTACT: JAY LOCH
 ADDRESS: PO BOX 3398
 LANDERS, CA 92285
 PHONE: 208-800-2058

OWNER
 CONTACT: CONNOR BAUMAN
 ADDRESS: 232 AVENIDA ARAGON
 SAN CLEMENTE, CA 92672
 PHONE: 714-330-3837

CONTRACTOR
 CONTACT: JAY LOCH
 INSIDE THE BOX, INC.
 ADDRESS: PO BOX 3398
 LANDERS, CA 92285
 PHONE: 208-800-2058
 EMAIL: JAY@INSIDETHEBOXCA.COM

STRUCTURAL ENGINEER
 CONTACT: ETHAN RAMBERG
 RAMBERGWEST, INC.
 ADDRESS: 53 SAN SOVINO
 LADERA RANCH, CA 92684
 PHONE: 253-640-6222
 EMAIL: ETHAN.RAMBERG@GMAIL.COM

LEGAL INFORMATION 3

SITE ADDRESS: 7886 SHAFTER AVE
 YUCCA VALLEY, CA 92284

ASSESSOR'S PARCEL #: 0585-273-04
LEGAL DESCRIPTION: PER 10/A000
LOT SIZE: 9.46 AC (412,077 SQ. FT.)

ZONE: MVIC
COUNTY OF SAN BERNADINO
FLOOD PLAIN SAFETY ZONE (FP): NO (PER MAP OVERLAY F129-B)
FIRE SAFETY ZONE (FS): YES (FS1 PER MAP OVERLAY F129-B)

REQUIRED SETBACKS: 25' FRONT
 25' SIDE (STREET)
 10' SIDE (INTERIOR)
 10' REAR

OF STORIES: 1
BUILDING HEIGHT: 10'-0" < 35'-0" OK

SHEET INDEX 4

- A0 PROJECT COVER-SHEET
- A1 SITE PLAN
- A2 CONTAINER LAYOUT
- A3 FIRE ACCESS PLAN + STANDARDS
- A4 TRUCK TURNING PLAN
- A4.1 TRUCK TURNING PLAN
- S1 STRUCTURAL FOUNDATION PLAN
- S2 STRUCTURAL GENERAL NOTES
- S3 STRUCTURAL DETAILS
- S4 ISO CONTAINER DIMENSIONS, SECTIONS, ELEVATIONS
- G1 BOUNDARY AND TOPOGRAPHIC SURVEY
- G2 GRADING PLAN + NOTES
- G3 DRAINAGE PLAN + DETAILS
- G4 TRASH ENCLOSURE PER COUNTY STANDARDS

VICINITY MAP 5

PROJECT SITE: 7886 SHAFTER AVE
 YUCCA VALLEY, CA 92284

RELATED PERMITS:
 PROJ-2022-00176
 GRAD-2023-00182
 DRNSTY-2023-00080

REVISION DATE

1ST PLAN CHECK
 07-27-2023

2ND PLAN CHECK
 10-30-2023

DISCLAIMER:
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STAMP:
 REGISTERED PROFESSIONAL ENGINEER
 ETHAN RAMBERG
 No. C-86797
 CIVIL
 STATE OF CALIFORNIA

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 YUCCA VALLEY, CA 92284

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VICINITY MAP 5

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 YUCCA VALLEY, CA 92284

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STAMP:
 REGISTERED PROFESSIONAL ENGINEER
 ETHAN RAMBERG
 No. C-86797
 CIVIL
 STATE OF CALIFORNIA

Ramberg West
 DESIGN AND ENGINEERING
 53 SAN SOVINO,
 LADERA RANCH, CA 92684
 253-640-6222

3RD SUBMITTAL
 BLDG. DEPARTMENT
 10-30-2023

ISO SELF-STORAGE
 7886 SHAFTER AVE
 YUCCA VALLEY, CA
 92284

JOB: 2206

ORIG: 01-11-2023

DRAWN: ER

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

SHEET: PROJECT COVERSHEET

A0

PAGE: 1 OF 14

County of San Bernardino
BUILDING AND SAFETY

THE PLANS AND DETAILS HAVE BEEN
REVIEWED
 FOR CODE COMPLIANCE

THE REVIEW OF THESE PLANS SHALL NOT BE
 CONSTRUED TO BE A PERMIT FOR ANY
 VIOLATION OF ANY CODE OR ORDINANCE OF
 THIS COL

By Jessie C. Cheng

Date 04/03/2024

THESE PLANS SHALL BE ON THE JOB FOR ALL
 REQUESTED INSPECTIONS

timothy.cheng@lus.sbcounty.gov
 O: (909) 387-4096 C: (909) 659-5566

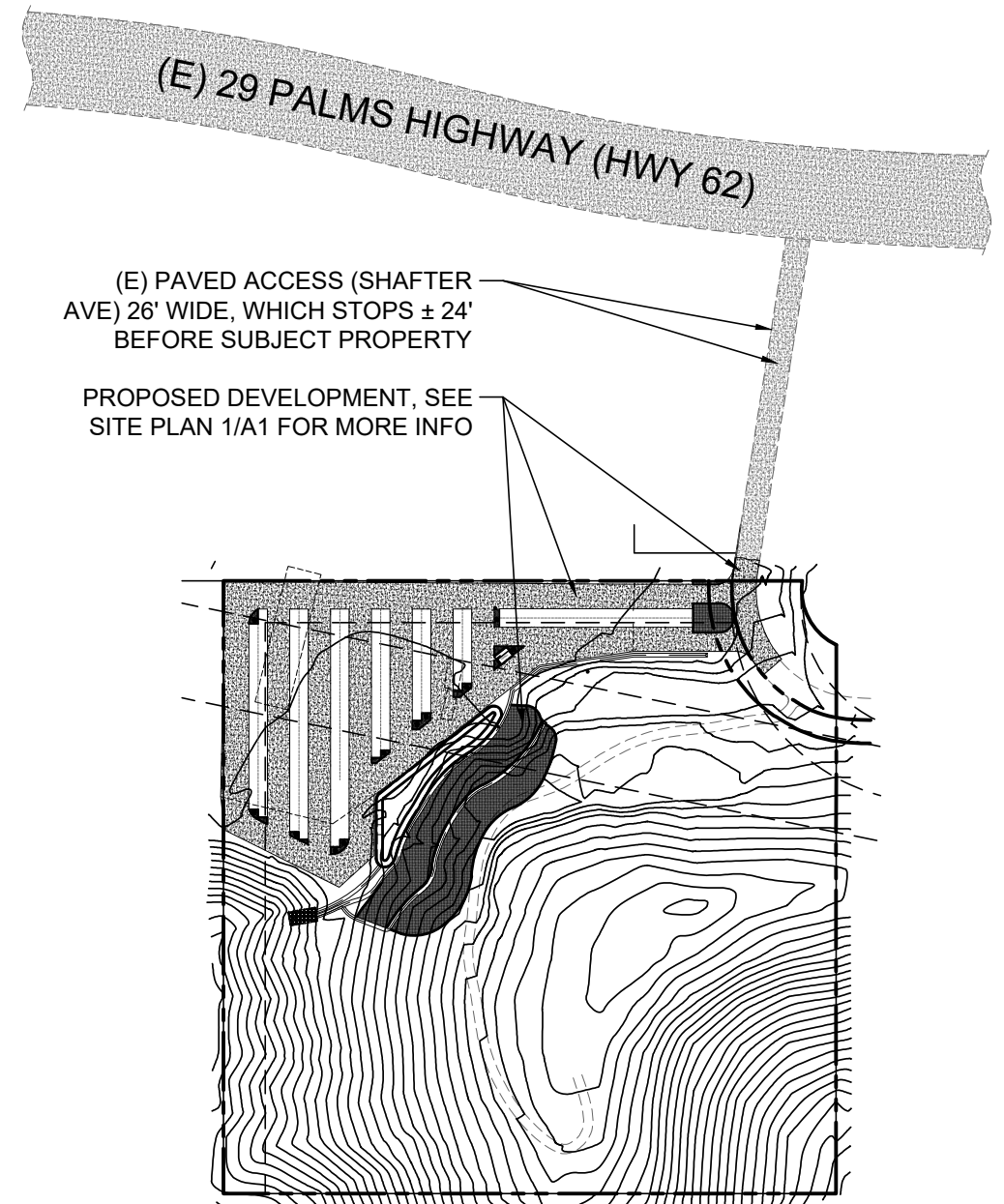
- Erosion Control Notes:**
- In case of emergency, call (CONNOR BAUMAN) at (714-330-3937)
 - Pollution and erosion prevention measures, also known as Best Management Practices (BMPs), must be installed prior to grading. These measures, including the prevention of sedimentation or flood damage, to offsite property shall be adequate whether or not an erosion control permit is required.
 - Eroded sediments and other pollutants must be retained onsite and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses, or wind. Erosion Control devices shall be functioning at all times. In case of failure, rapid construction of emergency devices shall be implemented.
 - Stockpiles of earth and other construction-related materials must be protected from being transported from the site by the forces of wind or water.
 - Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing and are not to contaminate the soils and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system. Excess or waste concrete must be contained onsite. Provisions shall be made to retain concrete wastes onsite until they can be disposed of as solid waste.
 - Developers/contractors are responsible to ensure all Erosion Control Devices and BMPs are installed and functioning properly per plan. Proper precaution shall be considered when 50% or greater probability of predicted precipitation, and after actual precipitation. A construction site inspection checklist and inspection log shall be maintained at the project site at all times and available for review by the Building Official.
 - Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
 - Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
 - Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.
 - All silt and debris shall be removed from all devices within 24 hours after each rainstorm and be disposed of properly.
 - All storm water capture devices shall be protected at all times.

- EROSION AND SEDIMENT CONTROL BMPs:**
- PROVIDE FIBER ROLLS WHERE INDICATED ON PLAN PER CASQA BMP SE-5.
 - CONSTRUCT RETENTION BASIN / SEDIMENT BASIN WHERE INDICATED ON PLAN PER CASQA BMP SE-02
 - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE / EXIT WHERE INDICATED ON PLAN PER CASQA BMP TC-1
 - MITIGATE WIND EROSION DURING GRADING AND CONSTRUCTION WITH WATER APPLICATION PER CASQA BMP WE-1

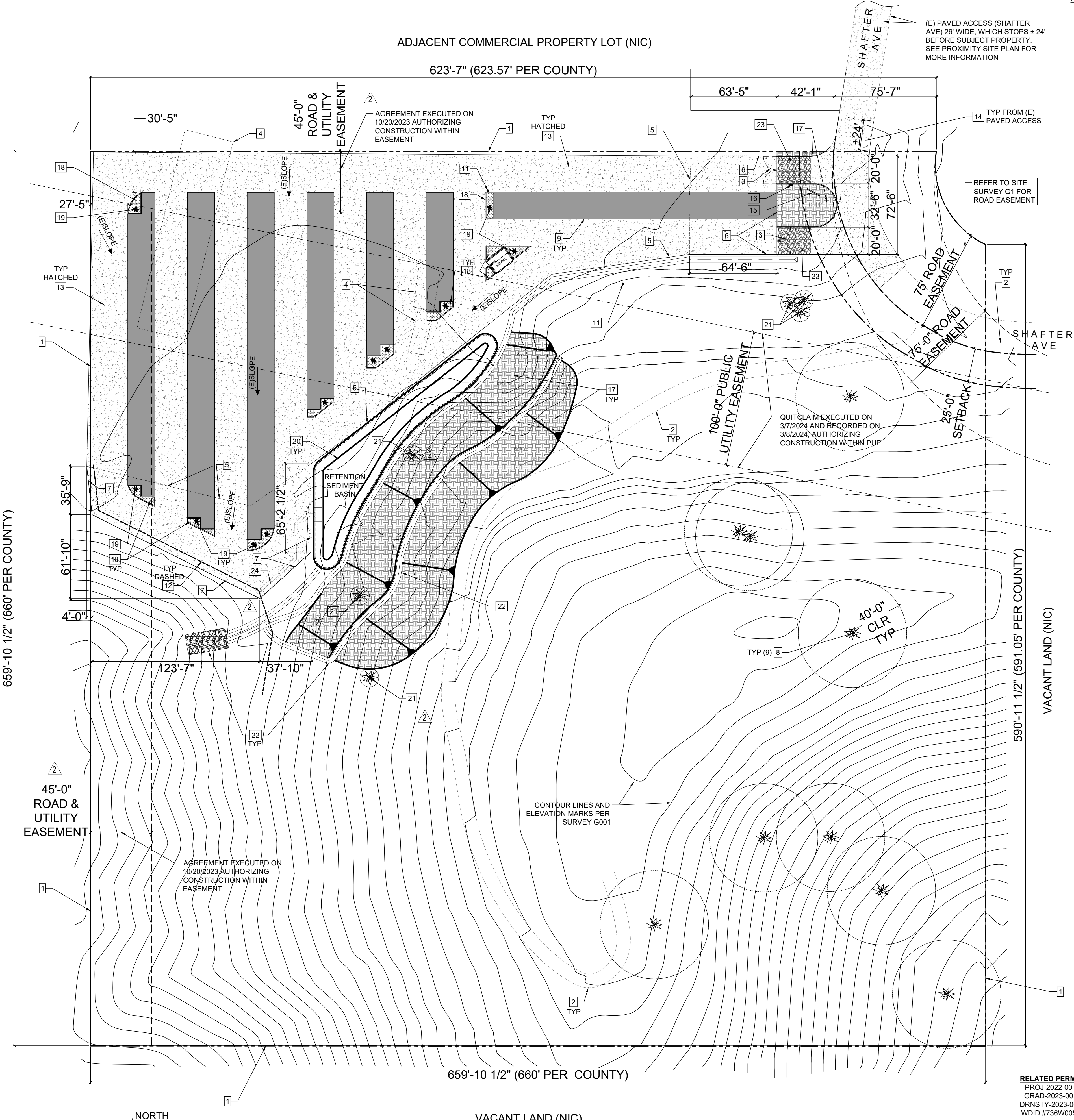
DECLARATION OF ENGINEER OF RECORD

I hereby declare that the design of the improvements shown on these plans complies with all professional engineering standards and practices. As the Engineer of Record for the plans, I assume full responsibility for the design of the improvements. With respects to the plan check performed by the County of San Bernardino, I understand and acknowledge the following: (1) the plan check is a review for the limited purpose of ensuring the plans comply with the County's standards, procedures, policies, and ordinances, (2) the plan check is not a determination of the technical adequacy of the design of the improvements, and (3) the plan check does not relieve me of my legal and professional responsibility for the design of the improvements. As the Engineer of Record, I agree to defend, indemnify, and hold harmless the County, its elected officials, employees, and agents from any and all actual or alleged claims, demands, causes of action, liability, loss, damage, or injury to property or person, including wrongful death, whether imposed by a court of law or by administrative action of any federal, state, or local governmental agency, arising out of or incident to any negligent acts, omissions, or errors by the Engineer of Record, its employees, consultants, or agents.

Ethan Ramberg C-86797 04-02-24
 (Signature of Engineer of Record / License Number) (date)
 ETHAN RAMBERG
 (Print Name)



PROXIMITY SITE PLAN
 SCALE: 1" = 200'-0" **2**



RELATED PERMITS:
 PROJ-2022-00176
 GRAD-2023-00182
 DRNSTY-2023-00060
 WDDI #736W005875

SITE PLAN
 SCALE: 1" = 40'-0" **1**

SITE PLAN NOTES:	
1.	SEE BOUNDARY SURVEY AND TOPOGRAPHICAL MAP FOR MORE INFORMATION ON SHEET G1, AS WELL AS GRADING PLAN ON SHEET G2 AND DRAINAGE PLAN G3
2.	REFER TO SHEET A2 FOR CONTAINER LAYOUT AND DRIVE AISLE / TEMPORARY PARKING LANE LAYOUTS
3.	REFER TO SHEET A3 FOR FIRE ACCESS LAYOUT AND CLEARANCE INFORMATION
LEGAL INFO:	
SITE ADDRESS:	7886 SHAFTER AVE YUCCA VALLEY, CA 92284
ASSESSOR'S PARCEL #:	0585-273-04
LEGAL DESCRIPTION:	PER 10/A000
LOT SIZE:	9.48 AC (412,077 SQ. FT.)
ZONE:	MVIC
ZONING JURISDICTION:	COUNTY OF SB
FLOOD PLAIN SAFETY ZONE (FP):	NO (PER F129-B)
FIRE SAFETY ZONE (FS):	YES (FS1 PER F129-B)
REQUIRED SETBACKS:	
FRONTYARD SETBACK:	42'-1" (> 25'-0") OK
SIDEYARD SETBACK:	30'-5" (> 10'-0") OK
REARYARD SETBACK:	27'-5" (> 10'-0") OK
LOT AREAS / COVERAGE:	
LOT AREA:	412,077 SF
BLDG AREA:	25,440 SF
PAVED ROAD AREA:	65,379 SF
TOTAL DEVELOPMENT AREA:	90,819 SF
LOT COVERAGE:	22.0 < 80% OK
NATURAL LANDSCAPE AREA:	300,420 SF
NEW PLANTER AREA:	1,039 SF
NEW LANDSCAPE AREA:	21,565 SF
LANDSCAPING MINIMUM (15%):	0.15 * 101,260 = 15,189 SF
PROPOSED LANDSCAPING:	21,565 / 101,260 = 21.3% > 15%
SITE PLAN KEY NOTES:	
1.	(E) PROPERTY LINE
2.	(E) GRAVEL / DIRT ROAD
3.	(N) 20' ELECTRIC ENTRY GATE W/ AUTOMATED COMBO KEYPAD PROVIDING ACCESS ONLY DURING BUSINESS HOURS SEE FIRE ACCESS PLAN A3 FOR MORE INFO
4.	DEMO (E) CONC. SLAB
5.	DEMO (E) CHAINLINK FENCE
6.	(N) CHAINLINK FENCE (6' TALL). SEE CONTAINER LAYOUT FOR SPECIFIC DIMENSIONS
7.	(N) CHAINLINK FENCE (6' TALL). SEE CONTAINER LAYOUT FOR SPECIFIC DIMENSIONS
8.	(E) JOSHUA TREE, PROTECTED (NO DROUGHT DISTURBANCE) WITHIN 40' RADIUS CIRCLE AROUND EACH TREE
9.	OUTLINE OF ISO SHIPPING CONTAINER SELF-STORAGE UNITS. SEE CONTAINER LAYOUT A2 FOR QUANTITY, SPACING AND ALL DRIVE / PARKING REQUIREMENTS
10.	TRASH ENCLOSURE PER COUNTY STANDARDS. SEE CONTAINER LAYOUT A2 FOR SPECIFIC POSITION AND SHEET G4 FOR CONSTRUCTION INFO
11.	(E) ELEC. POWER POLE, DO NOT DISTURB
12.	DURING CONSTRUCTION / GRADING CONTRACTOR TO INSTALL FIBER ROLLS PER CASQA BMP SE-5 ALONG AT-RISK DOWN-SLOPE ELEVATION TO KEEP SEDIMENT FROM REACHING STEEPER PORTIONS OF EXISTING LAND AND LEAVING THE SITE. REFER TO GRADING PLAN G2 FOR MORE INFO
13.	RESURFACE AREA AROUND CONTAINERS AND COMPACT PER GRADING PLAN G2 AND SOIL REPORT RECOMMENDATIONS. CONSTRUCT PAVED SURFACE WITH HOT MIX ASPHALT (HMA) PER CALTRANS HIGHWAY DESIGN MANUAL. SEE DIMENSIONS ON A2 CONTAINER LAYOUT. PER SOILS REPORT, PROVIDE MINIMUM 3-1/2" THICK PAVEMENT SECTION, ON 8" MIN THICK ROAD BASE
14.	PAVE PORTIONS OF (E) UNPAVED ROADWAY WITH HOT MIX ASPHALT (HMA) PER CALTRANS HIGHWAY DESIGN MANUAL. PROVIDE 26' MIN WIDTH AT ALL TIMES. PER SOILS REPORT, PROVIDE MINIMUM 3-1/2" THICK PAVEMENT SECTION, ON 8" MIN THICK ROAD BASE. BUILD ROADWAY PER SB COUNTY HALF WIDTH ROAD STANDARD #112, AND DRIVEWAY ENTRY/EXIT PER COMMERCIAL STANDARD #129. SEE FOUNDATION PLAN S1 FOR REFERENCED STANDARDS
15.	BUSINESS SIGN: PRIOR TO COMMENCING OPERATION, BUSINESS SHALL HAVE THE STREET ADDRESS INSTALLED ON THE ENTRY FENCE WITH NUMBERS THAT ARE A MINIMUM 6" IN HEIGHT W/ A 3/4" STROKE WIDTH. THE SITE ADDRESS SHALL BE VISIBLE FROM THE STREET
16.	ACCESS WILL BE GOVERNED BY A SELF-SERVE KIOSK AT THE ENTRANCE, WITH EACH STORAGE UNIT ASSIGNED AN ENTRY CODE FOR ACCESS. THE ENTRY CODE WILL ONLY WORK DURING THE HOURS OF OPERATION
17.	DROUGHT TOLERANT PLANTING / LANDSCAPING CONSISTING OF NATIVE PLANT MATERIALS AND ROCKS, SUCH AS SHRUBS, GROUNDCOVERS, SUCCULENTS AND TREES. DO NOT DISTURB PROTECTED JOSHUA TREE SPECIES IN EXISTING LOCATIONS SPECIFIED FOR PLANTING / LANDSCAPING
18.	DROUGHT TOLERANT PLANTER, WITH 6" CONCRETE CURB AT PERIMETER. SEE DIMENSIONS ON F04D
19.	DROUGHT TOLERANT TREE(S), PROVIDE A MINIMUM OF (10) SPACED PER PLAN. PROVIDE 15-GALLON CONTAINER STOCK WITH A CALIPER SIZE AT TIME OF PLANTING THAT IS A HEALTHY EXAMPLE OF THE SPECIFIED TREE VARIETY AND NO LESS THAN 3/4" IN DIAMETER
20.	RETENTION BASIN / SEDIMENT BASIN PER CASQA BMP SE-2. W/ SIZE AS DEFINED BY DRAINAGE STUDY. SEE DRAINAGE PLAN G3 FOR ADDITIONAL INFORMATION
21.	PROPOSED DISTURBANCE AROUND JOSHUA TREE HAS BEEN AUTHORIZED BY LICENSED ARBORIST (ARBORPRO #WE-4587A), PER LETTER DATED 10-31-23. PROVIDE ORANGE FENCING AT 7' DIAMETER AROUND EACH TREE
22.	DRAINAGE DITCH AND RIP/RAP STRUCTURE, W/ SIZE AND CONSTRUCTION AS DEFINED BY DRAINAGE STUDY. SEE DRAINAGE PLAN G3 FOR ADDITIONAL INFORMATION
23.	DURING CONSTRUCTION, CONTRACTOR TO PROVIDE STABILIZED CONSTRUCTION ENTRANCE / EXIT PER CASQA BMP TC-1 TO REDUCE AND/OR ELIMINATE TRACKING OF SEDIMENT ONTO PUBLIC STREET. REFER TO GRADING PLAN G2 FOR MORE INFO
24.	24" Ø PIPE X 77' LONG CONNECTING DRAINAGE INLET TO RETENTION BASIN. SEE DRAINAGE PLAN G3 FOR MORE INFO

REVISION DATE	
1	1ST PLAN CHECK 07-27-2023
2	2ND PLAN CHECK 10-30-2023

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STAMP:

Ramberg West
 DESIGN AND ENGINEERING
 55 SANJOVINO, LADERA RANCH, CA 92694
 253-640-6222

3RD SUBMITTAL
 BLDG. DEPARTMENT
 10-30-2023

ISO SELF-STORAGE
 7886 SHAFTER AVE
 YUCCA VALLEY, CA 92284

JOB:	2206
ORIG:	01-11-2023
DRAWN:	ER
SCALE:	1" = 20'-0"
SHEET:	SITE PLAN
A1	
PAGE:	2 OF 14

FOR REFERENCE ONLY

CONTAINER LAYOUT KEYNOTES:

1. (E) CHAINLINK FENCE
2. (N) CHAINLINK FENCE (±148')
3. (N) CHAINLINK FENCE (±290')
4. (N) 8' X 20' ISO CONTAINER, TYP
5. (N) 8' X 10' ISO CONTAINER, TYP SOLID FILL
6. WHERE DESIRED, INFILL COLD-FORMED STEEL STUD PARTITION WALL PER DETAIL 5/S3
7. SHORT-TERM PARKING LANE (MIN 9'-0" WIDTH), TYP HATCHED. LANE SHALL BE MARKED (PAINTED) AS INDICATED PER PLAN AND TYPICAL NOTES, AND PAVED PER SITE PLAN A1 AND GRADING PLAN G2
8. ONE-WAY DRIVING LANE (MIN 15'-0" WIDTH) PAVED PER SITE PLAN AND GRADING PLAN G2
9. LANDSCAPING / PLANTER PER SITE PLAN A1

CONTAINER LAYOUT NOTES:

1. SEE BOUNDARY SURVEY AND TOPOGRAPHICAL MAP FOR MORE INFORMATION ON SHEET G1
2. SEE SITE PLAN A1 AND GRADING PLAN G2 FOR MORE INFORMATION
3. REFER TO STRUCTURAL FOUNDATION PLAN FOR FOOTING AND CURB LAYOUT ON SHEET S1
4. PROVIDE THE FOLLOWING TEXT, CLEARLY LEGIBLE, PAINTED ON THE GROUND AT EACH INDICATED LOCATION:

NO PARKING FIRE LANE
SHORT TERM
LOAD / UNLOAD ONLY
(30 MIN MAX)

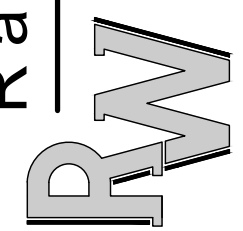
REVISION DATE

1	1ST PLAN CHECK 07-27-2023
2	2ND PLAN CHECK 10-30-2023

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REGISTERED PROFESSIONAL ENGINEER
No. C-86797
STATE OF CALIFORNIA

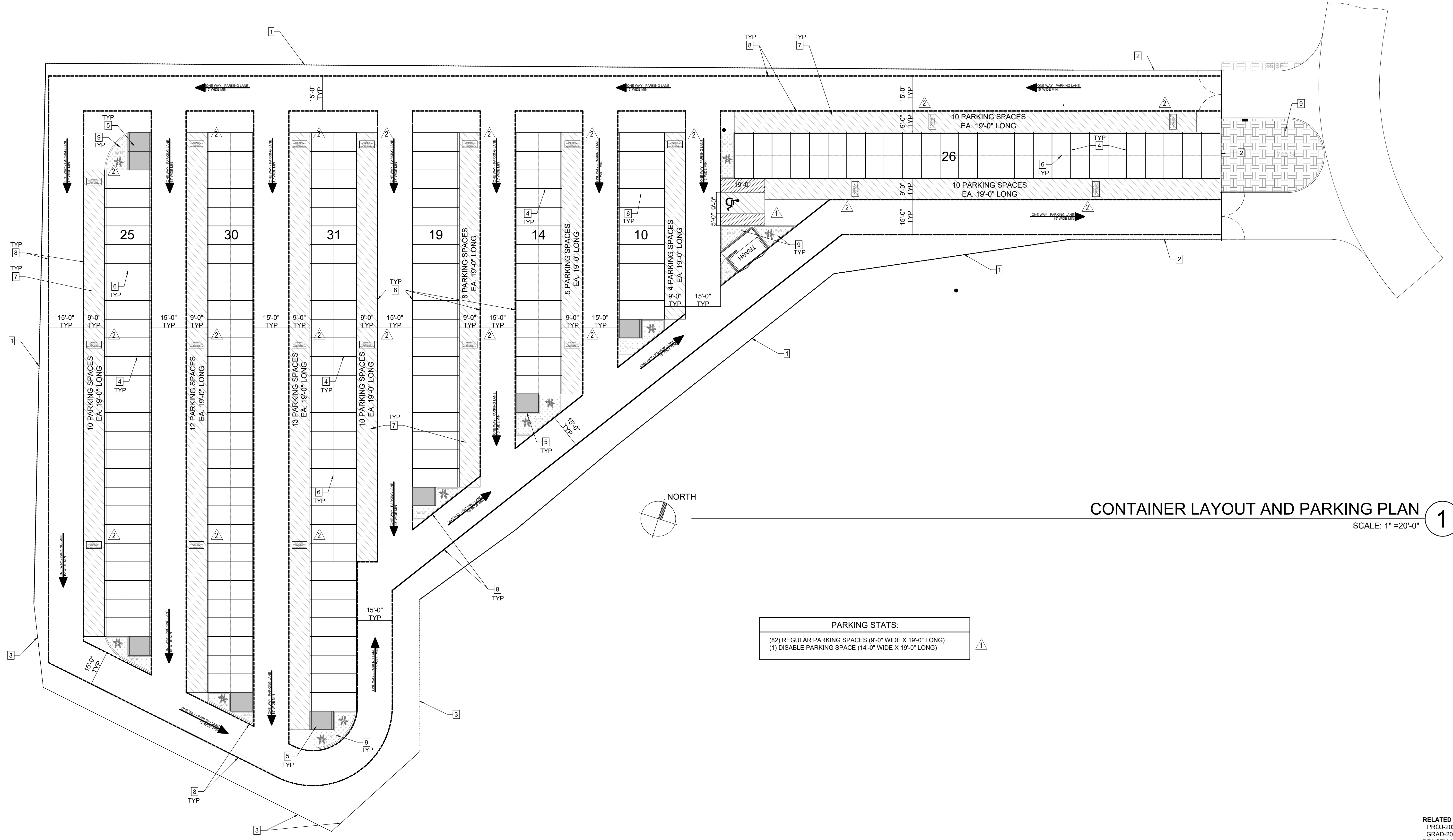
Ramberg West
DESIGN AND ENGINEERING
53 SANSONO VIO,
LADERA RANCH, CA 92684
253-640-6222



3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023

ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA
92284

JOB:	2206
ORIG:	01-11-2023
DRAWN:	ER
SCALE:	1" = 20'-0"
SHEET:	CONTAINER LAYOUT PLAN
A2	
PAGE:	3 OF 14



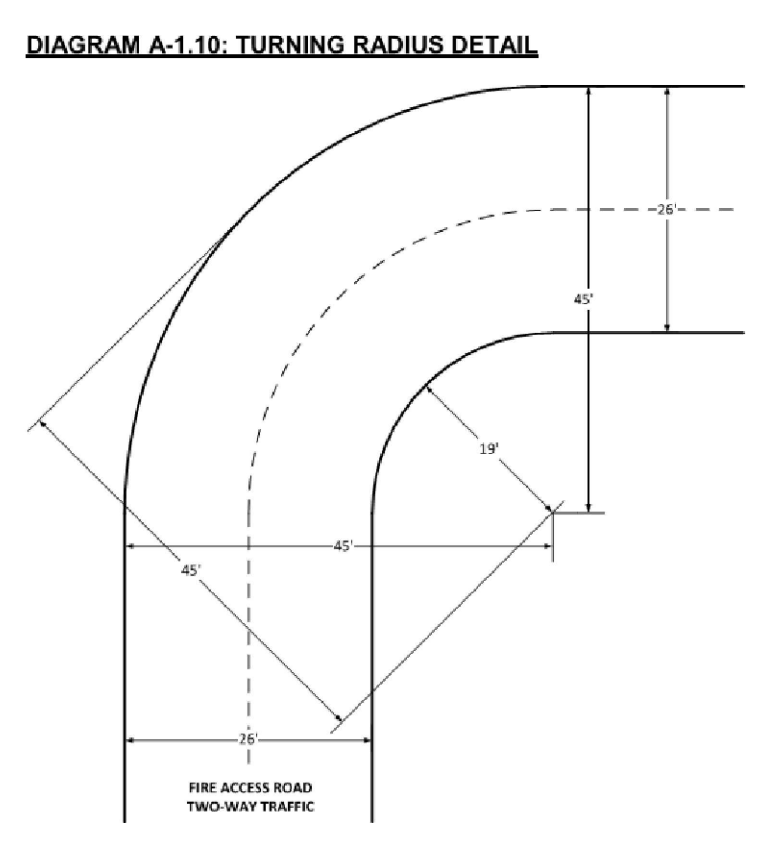
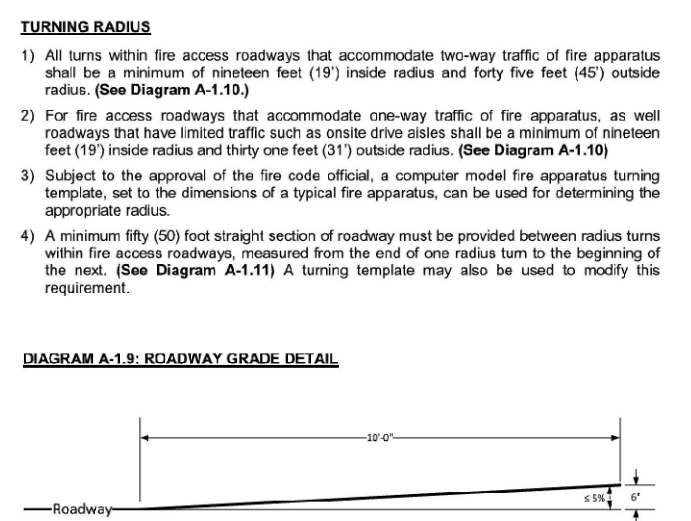
CONTAINER LAYOUT AND PARKING PLAN 1
SCALE: 1" = 20'-0"

PARKING STATS:

(82) REGULAR PARKING SPACES (9'-0" WIDE X 19'-0" LONG)
(1) DISABLED PARKING SPACE (14'-0" WIDE X 19'-0" LONG)

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

- SURFACE**
- All fire access roadways, except for driveways providing the access to no more than two (2) single family dwellings or accessory structures, shall be installed on a minimum of 18" (1 1/2") thick concrete. For all other roadways, the appropriate weight of concrete shall be determined by a qualified engineer and subject to the approval of the County or City Engineering Department, but shall be in all cases a minimum of four (4) inches.
 - Fire access roadways shall be paved with a concrete or asphalt material in order to provide "all weather" safe driving conditions. The appropriate thickness of surface materials and base materials shall be determined by a qualified engineer and subject to the approval of the County or City Engineering Department, but shall be in all cases a minimum of four (4) inches.
 - Planted materials that are retained by a solid system such as "Turf Blocks" or "Grasscrete" may be used for fire apparatus access surfacing, with approval of the fire code official, for limited or isolated areas no more than 80 (50) feet in length and where road grades do not exceed two percent (2%). Such areas shall be clearly marked as Emergency Vehicle Access per SBCTFD Standard A-3, Diagram A-3.1. These, as well as other alternate paving materials such as stone, concrete, chip seal or stone, shall be installed based on their ability to support imposed load of a fire apparatus and shall be immediately recognizable to emergency responders as a drivable surface.
 - Where no paved roadways exist and road grades do not exceed eight percent (8%), and where existing single family dwellings or accessory buildings, roads may be constructed with approved native materials or gravel compacted to eighty five percent (85%) compaction.
- GRADIENT**
- Generally, the grade of a fire apparatus access road shall be a maximum of twelve percent (12%) at any point.
 - Fire apparatus access roadways or driveways may be increased to fourteen percent (14%) for a distance not to exceed 500 feet with the approval of the fire code official.
 - The grade of a driveway providing the access to one (1) or two (2) single family dwellings may be increased to a maximum of sixteen percent (16%) for a distance not to exceed 500 feet in areas in which County or City Development Codes allow such increases and with the approval of the fire code official.
 - Grades across the width of a road section or within a turnaround area as described below shall not exceed five percent (5%).
 - In order to accommodate proper angles of approach and departure, gradients in fire access roads shall not exceed a five percent (5%) change along any ten (10) foot section (See Diagram A-1.5).



FOR REFERENCE ONLY

FIRE ACCESS PLAN KEY NOTES:

1. (E) CHAINLINK FENCE	6. TURN RADIUS SHOWING ACCESS DOWN AISLES, OUTSIDE OF PRIMARY OUTER PERIMETER ACCESS PATHWAY
2. (N) CHAINLINK FENCE (±148')	7. PLANTERS PER SITE PLAN A1
3. (N) CHAINLINK FENCE (±290')	8. 20" ELECTRIC ENTRY GATE W/ AUTOMATED COMBO KEYPAD PROVIDING ACCESS ONLY DURING BUSINESS HOURS AND FIRE DEPARTMENT APPROVED KNOX KEY SWITCH
4. (N) ISO CONTAINERS, TYP. SEE LAYOUT PLAN A2 FOR MORE INFO ON QUANTITY AND SPACING	
5. PAVED ONSITE FIRE APPARATUS ACCESS ROAD (TWO-WAY) PER SAN BERNARDINO COUNTY FIRE PREVENTION STANDARD A-1 AS FOLLOWS:	
<ul style="list-style-type: none"> • MIN 26'-0" WIDTH • MIN 19' RADIUS AT INSIDE CORNERS • MIN 45' RADIUS AT OUTSIDE CORNERS 	

FIRE ACCESS PLAN NOTES:

- SEE BOUNDARY SURVEY AND TOPOGRAPHICAL MAP FOR MORE INFORMATION ON SHEET G1
- SEE SITE PLAN A1 OR GRADING PLAN G2 FOR MORE INFORMATION
- REFER TO STRUCTURAL FOUNDATION PLAN FOR FOOTING AND CURB LAYOUT ON SHEET S1
- PROVIDE THE FOLLOWING TEXT, CLEARLY LEGIBLE, PAINTED ON THE GROUND AT EACH INDICATED LOCATION:

**NO PARKING FIRE LANE
SHORT TERM
LOAD / UNLOAD ONLY
(30 MIN MAX)**

REVISION DATE

1	1ST PLAN CHECK 07-27-2023
2	2ND PLAN CHECK 10-30-2023

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LADERA RANCH, CA 92684
253-640-6222

**3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023**

**ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA
92284**

JOB: 2206
ORIG: 01-11-2023
DRAWN: ER
SCALE: 1" = 20'-0"
SHEET: FIRE DEPARTMENT ACCESS PLAN
A3
PAGE: 4 OF 14

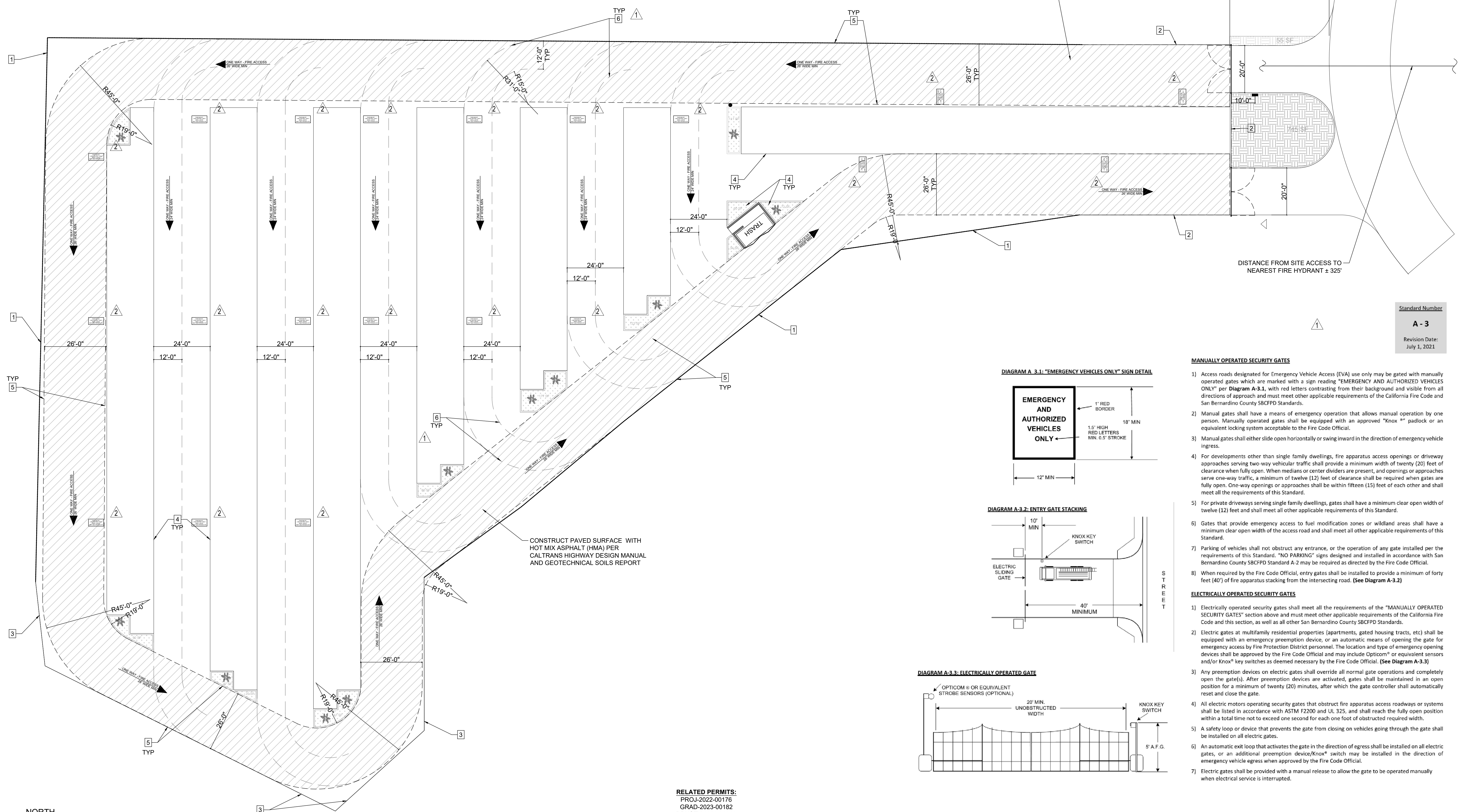


DIAGRAM A-3.1: "EMERGENCY VEHICLES ONLY" SIGN DETAIL

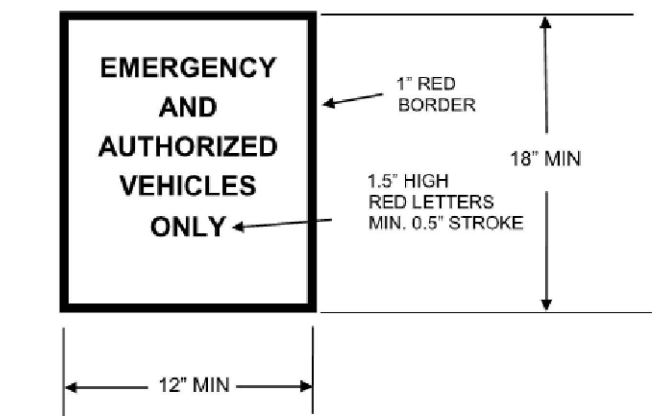


DIAGRAM A-3.2: ENTRY GATE STACKING

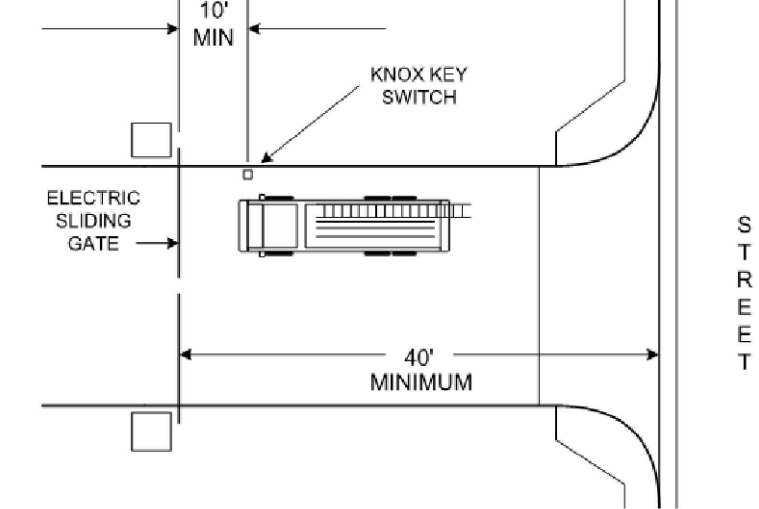
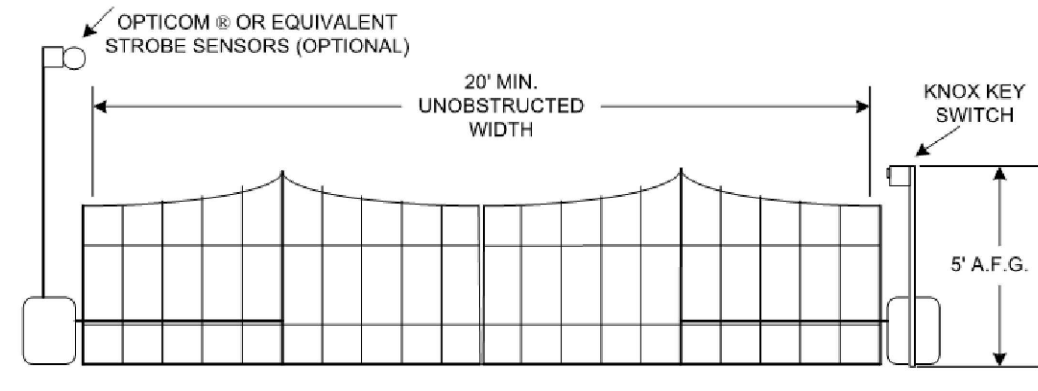


DIAGRAM A-3.3: ELECTRICALLY OPERATED GATE



MANUALLY OPERATED SECURITY GATES

- Access roads designated for Emergency Vehicle Access (EVA) use only may be gated with manually operated gates which are marked with a sign reading "EMERGENCY AND AUTHORIZED VEHICLES ONLY" per Diagram A-3.1, with red letters contrasting from their background and visible from all directions of approach and must meet other applicable requirements of the California Fire Code and San Bernardino County SBCTFD Standards.
- Manual gates shall have a means of emergency operation that allows manual operation by one person. Manually operated gates shall be equipped with an approved "Knox" padlock or an equivalent locking system acceptable to the Fire Code Official.
- Manual gates shall either slide open horizontally or swing inward in the direction of emergency vehicle ingress.
- For developments other than single family dwellings, fire apparatus access openings or driveway approaches serving two-way vehicular traffic shall provide a minimum width of twenty (20) feet of clearance when fully open. When medians or center dividers are present, and openings or approaches serve one-way traffic, a minimum of twelve (12) feet of clearance shall be required when gates are fully open. One-way openings or approaches shall be within fifteen (15) feet of each other and shall meet all the requirements of this Standard.
- For private driveways serving single family dwellings, gates shall have a minimum clear open width of twelve (12) feet and shall meet all other applicable requirements of this Standard.
- Gates that provide emergency access to fuel modification zones or wildland areas shall have a minimum clear open width of the access road and shall meet all other applicable requirements of this Standard.
- Parking of vehicles shall not obstruct any entrance, or the operation of any gate installed per the requirements of this Standard. "NO PARKING" signs designed and installed in accordance with San Bernardino County SBCTFD Standard A-2 may be required as directed by the Fire Code Official.
- When required by the Fire Code Official, entry gates shall be installed to provide a minimum of forty feet (40') of fire apparatus stacking from the intersecting road. (See Diagram A-3.2)

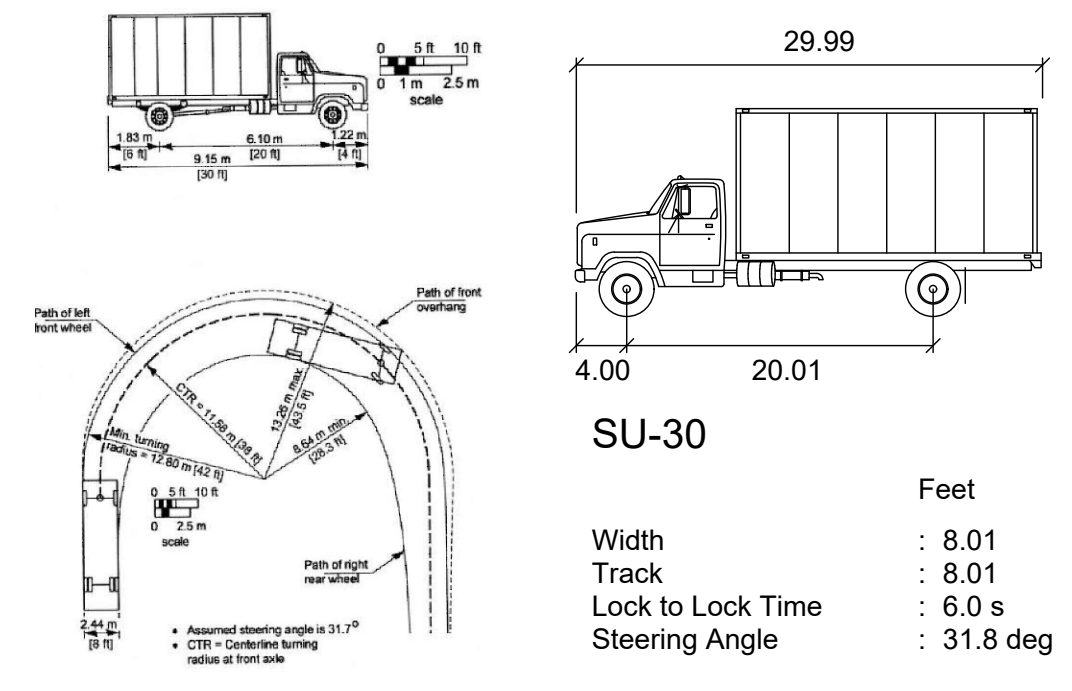
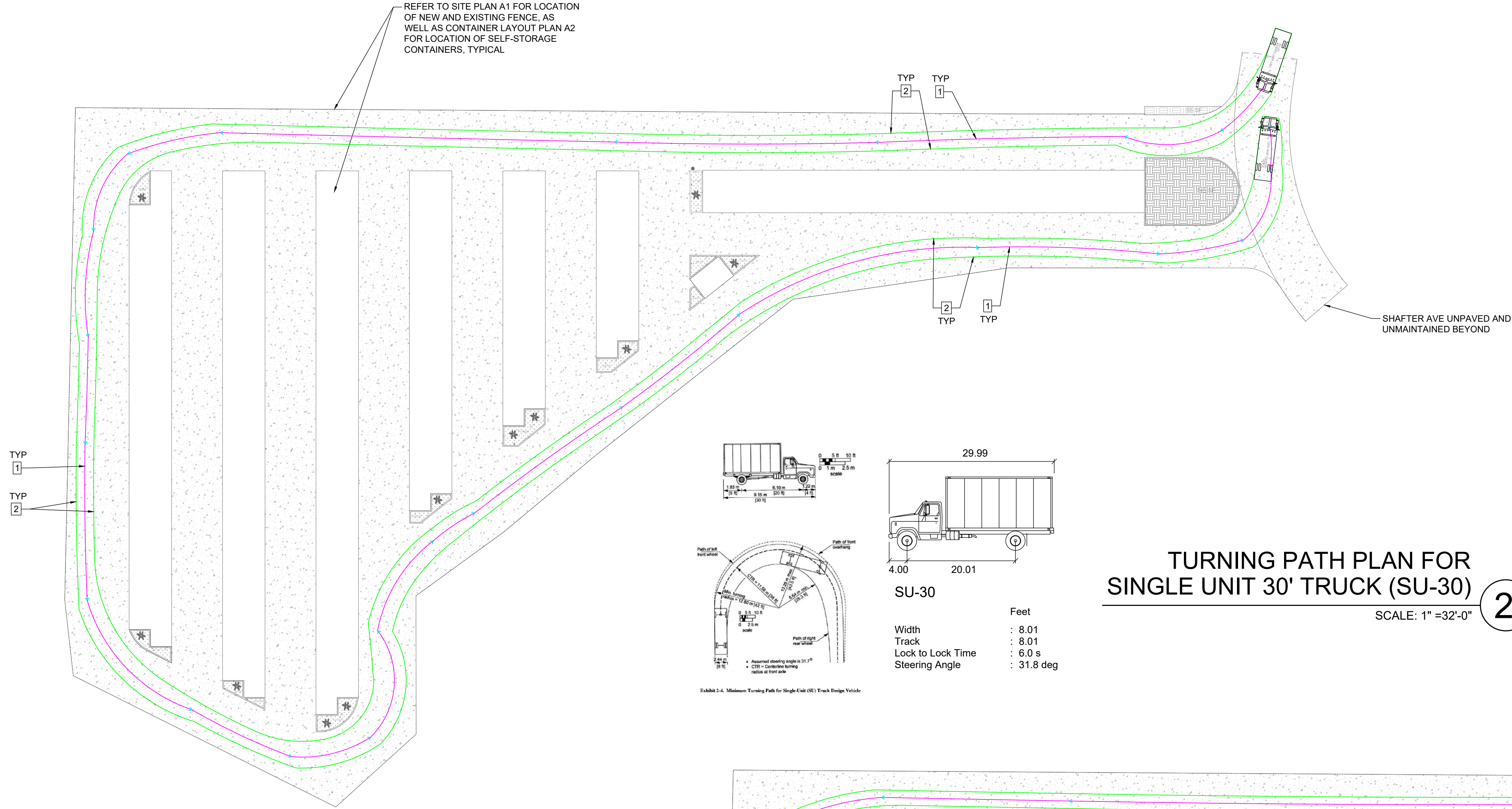
ELECTRICALLY OPERATED SECURITY GATES

- Electrically operated security gates shall meet all the requirements of the "MANUALLY OPERATED SECURITY GATES" section above and must meet other applicable requirements of the California Fire Code and this section, as well as all other San Bernardino County SBCTFD Standards.
- Electric gates at multifamily residential properties (apartments, gated housing tracts, etc) shall be equipped with an emergency preemption device, or an automatic means of opening the gate for emergency access by Fire Protection District personnel. The location and type of emergency opening devices shall be approved by the Fire Code Official and may include Opticom® or equivalent sensors and/or Knox® key switches as deemed necessary by the Fire Code Official. (See Diagram A-3.3)
- Any preemption devices on electric gates shall override all normal gate operations and completely open the gate(s). After preemption devices are activated, gates shall be maintained in an open position for a minimum of twenty (20) minutes, after which the gate controller shall automatically reset and close the gate.
- All electric motors operating security gates that obstruct fire apparatus access roadways or systems shall be listed in accordance with ASTM F2200 and UL 325, and shall reach the fully open position within a total time not to exceed one second for each one foot of obstructed required width.
- A safety loop or device that prevents the gate from closing on vehicles going through the gate shall be installed on all electric gates.
- An automatic exit loop that activates the gate in the direction of egress shall be installed on all electric gates, or an additional preemption device/Knox® switch may be installed in the direction of emergency vehicle egress when approved by the Fire Code Official.
- Electric gates shall be provided with a manual release to allow the gate to be operated manually when electrical service is interrupted.

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

FOR REFERENCE ONLY

REFER TO SITE PLAN A1 FOR LOCATION OF NEW AND EXISTING FENCE, AS WELL AS CONTAINER LAYOUT PLAN A2 FOR LOCATION OF SELF-STORAGE CONTAINERS, TYPICAL



TURNING PATH PLAN FOR SINGLE UNIT 30' TRUCK (SU-30)
SCALE: 1" = 32'-0" **2**

- TRUCK TURNING PLAN NOTES:**
- SEE CONTAINER LAYOUT A2 FOR ROADWAY DIMENSION AND LAYOUT
 - TURNING TEMPLATES GENERATED W/ AUTOTURN ONLINE USING 2018 AASHTO VEHICLE TEMPLATES AND TURNING DATA / DIAGRAMS
 - DESIGN DESIGN VEHICLES CONSIDERED FOR SITE ACCESS:
 - P PASSENGER VEHICLE (CAR OR TRUCK)
 - SU-30 SINGLE UNIT 30' TRUCK
 - P-T PASSENGER VEHICLE PULLING A 30' TRAILER

- TRUCK TURNING PLAN NOTES:**
- 1 PATH OF VEHICLE CENTERLINE, TYP
 - 2 PATH OF VEHICLE OVERHANG ENVELOPE, TYP

REVISION DATE

1	1ST PLAN CHECK	07-27-2023
2	2ND PLAN CHECK	10-30-2023

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STAMP:
REGISTERED PROFESSIONAL ENGINEER
EP
No. C-86797
STATE OF CALIFORNIA

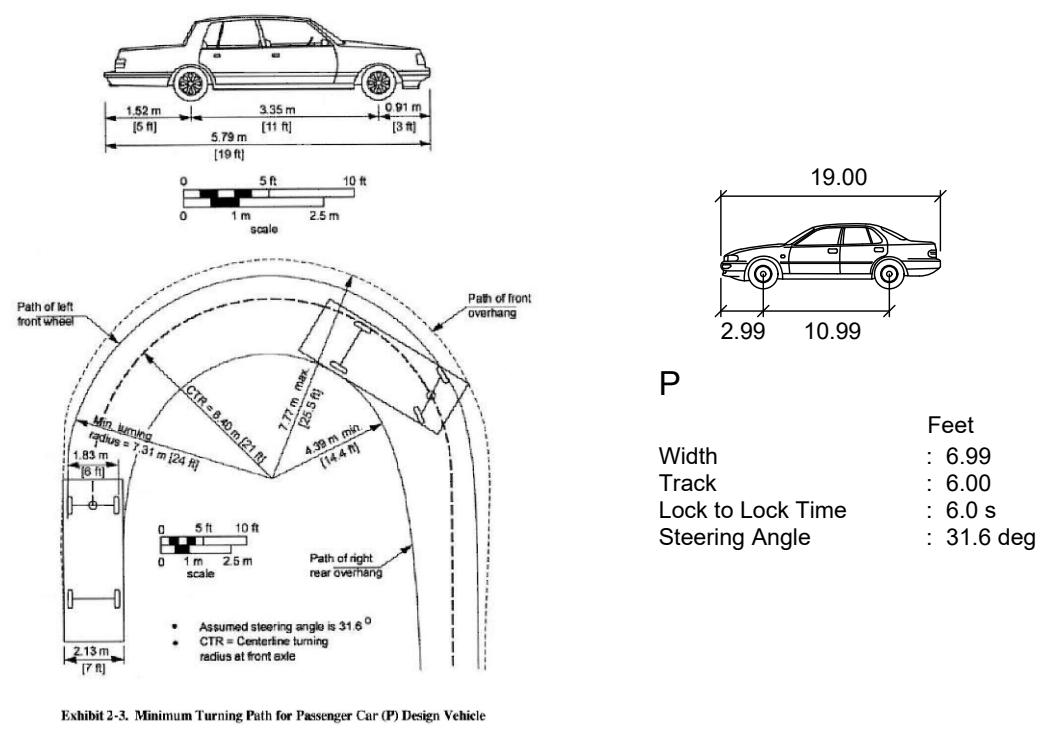
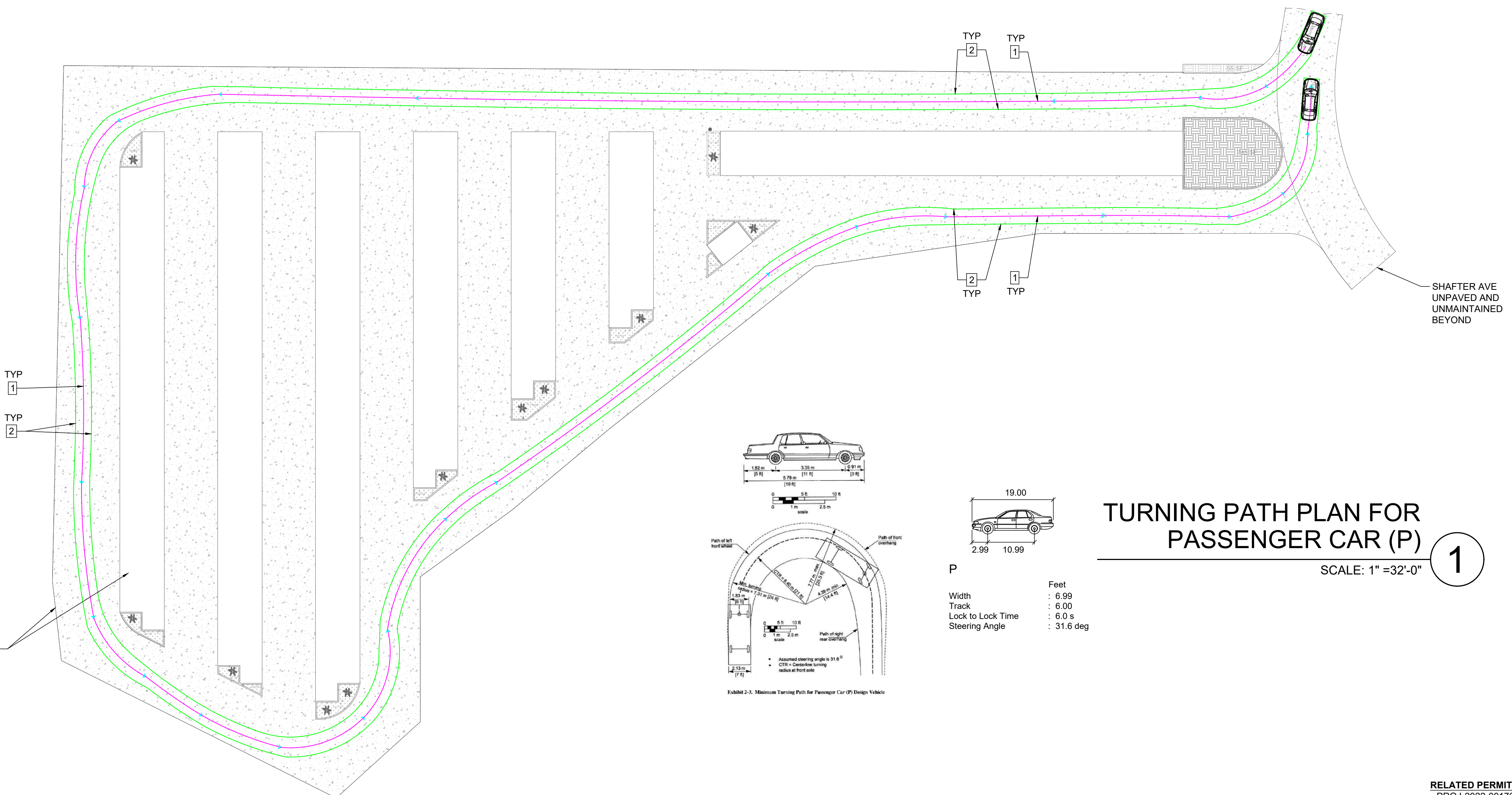
Ramberg West
DESIGN AND ENGINEERING
53 SANSOVINO, LADERA RANCH, CA 92684
253-640-6222

RW

3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023

ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA 92284

REFER TO SITE PLAN A1 FOR LOCATION OF NEW AND EXISTING FENCE, AS WELL AS CONTAINER LAYOUT PLAN A2 FOR LOCATION OF SELF-STORAGE CONTAINERS, TYPICAL



TURNING PATH PLAN FOR PASSENGER CAR (P)
SCALE: 1" = 32'-0" **1**

JOB: 2206
ORIG: 01-11-2023
DRAWN: ER
SCALE: 1" = 32'-0"
SHEET: **TRUCK TURNING PLAN**
A4
PAGE: 5 OF 14

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

FOR REFERENCE ONLY

TRUCK TURNING PLAN NOTES:

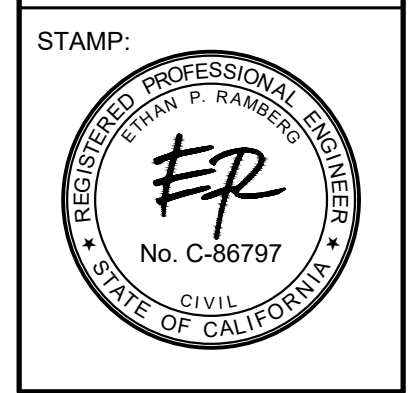
- SEE CONTAINER LAYOUT A2 FOR ROADWAY DIMENSION AND LAYOUT
- TURNING TEMPLATES GENERATED W/ AUTOTURN ONLINE USING 2018 AASHTO VEHICLE TEMPLATES AND TURNING DATA / DIAGRAMS
- DESIGN DESIGN VEHICLES CONSIDERED FOR SITE ACCESS:
 - P PASSENGER VEHICLE (CAR OR TRUCK)
 - SU-30 SINGLE UNIT 30' TRUCK
 - P-T PASSENGER VEHICLE PULLING A 30' TRAILER

REVISION DATE
1ST PLAN CHECK 07-27-2023
2ND PLAN CHECK 10-30-2023

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TRUCK TURNING PLAN NOTES:

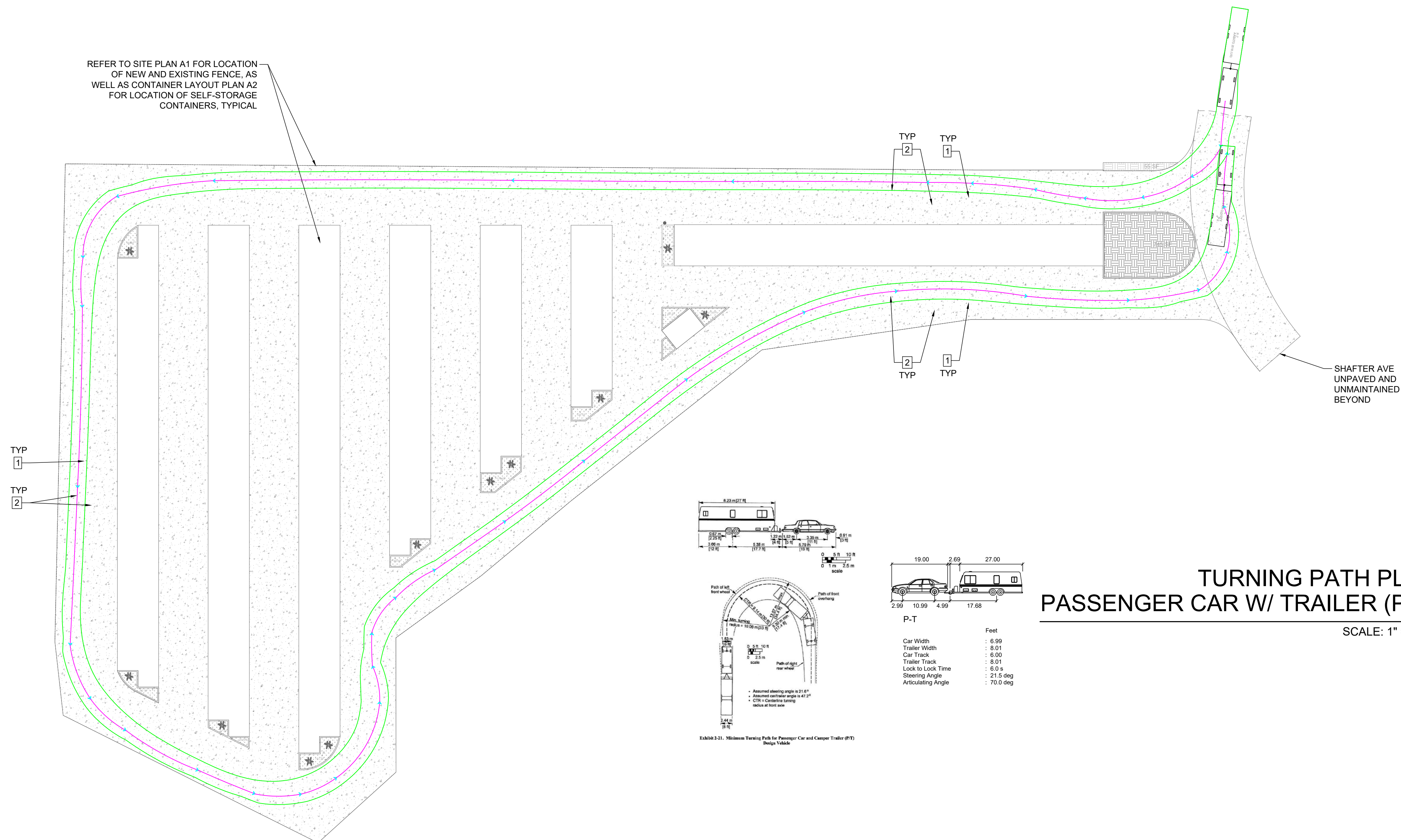
- PATH OF VEHICLE CENTERLINE, TYP
- PATH OF VEHICLE OVERHANG ENVELOPE, TYP



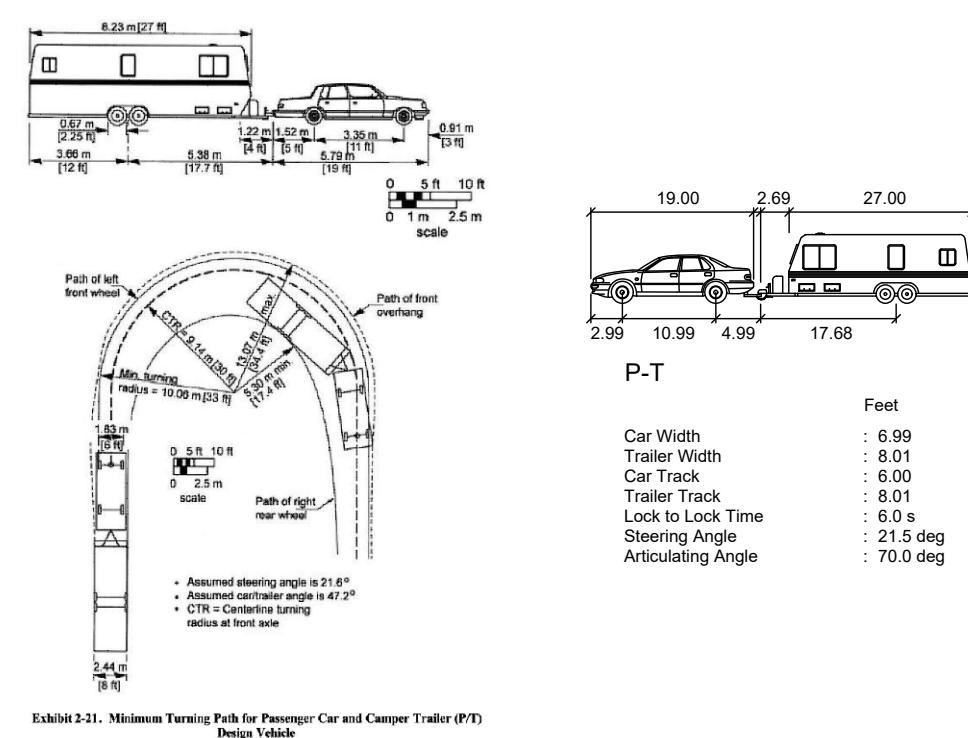
Ramberg West
DESIGN AND ENGINEERING
53 SANSOVINO,
LADERA RANCH, CA 92684
253-640-6222

3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023

ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA
92284

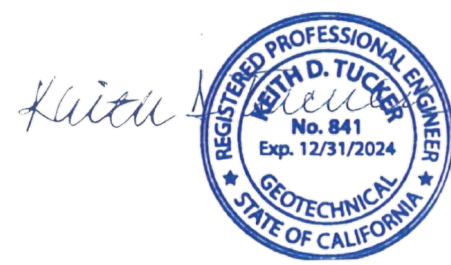


TURNING PATH PLAN
PASSENGER CAR W/ TRAILER (P-T)
SCALE: 1" = 32'-0" **1**



JOB:	2206
ORIG:	01-11-2023
DRAWN:	ER
SCALE:	1" = 32'-0"
SHEET:	TRUCK TURNING PLAN
	A4.1
PAGE:	6 OF 14

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060



FOR REFERENCE ONLY

FOUNDATION PLAN LEGEND

- DETAIL #
1. STRUCTURAL DETAIL CALL-OUT REFERENCING DETAIL AND SHEET NUMBER. CONTACT RAMBERG WEST IF A SPECIFIED DETAIL IS MISSING
2. INDICATES STRIP FOOTING AND CONCRETE CURB PER 3/S3, STEP FOOTING / CURB AS NEEDED TO FOLLOW GRADE PER 8/S3. SEE GRADING PLAN G G2 FOR TOP OF CURB ELEVATIONS
- INDICATES CURB EDGES OR STEP IN TOP OF CURB
- FOOTING LINE BELOW CURB

TYPICAL FOUNDATION PLAN NOTES

- ALL FOUNDATION HARDWARE AND REINFORCEMENT SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE
- ALL FLAT WORK AND GRADE ADJACENT TO THE BUILDING SHALL BE GRADED TO CARRY WATER AWAY FROM THE BUILDING. SEE ARCH PLANS FOR MORE INFORMATION
- THE SPECIFIED FOOTING DEPTH, D, SHALL BE MEASURED FROM THE LOWEST ADJACENT FINAL GRADE
- SEE NOTES ON SHEET S2 FOR ADDITIONAL NOTES ON THE FOLLOWING: SOILS AND FOUNDATION, GRADING AND SITE PREPARATION, CONCRETE AND REINFORCING, ETC.
- REFER TO GRADING PLAN G2 FOR ELEVATIONS OF CONCRETE CURBS AND FINISHED PAVED SURFACES

REVISION DATE

1ST PLAN CHECK 07-27-2023

2ND PLAN CHECK 10-30-2023

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JOB: 2206

ORIG: 01-11-2023

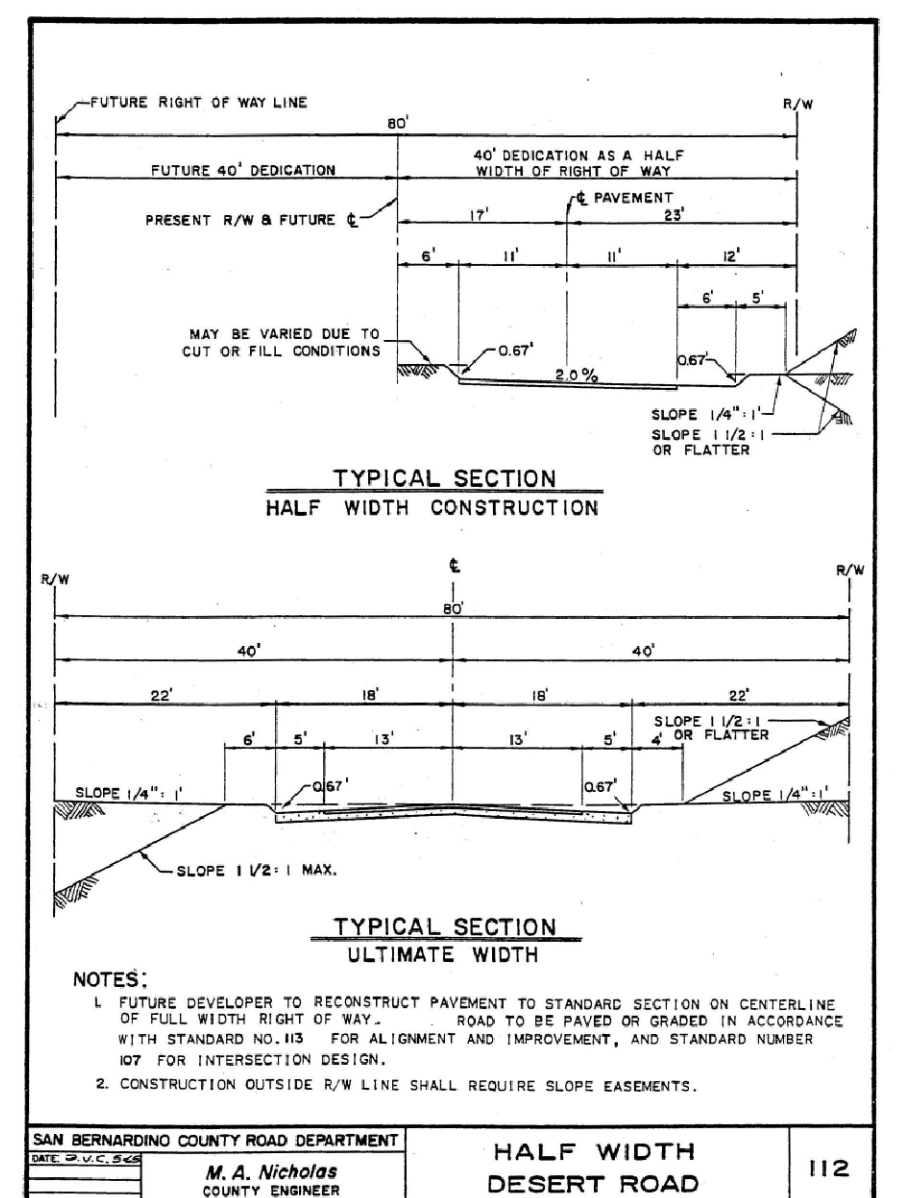
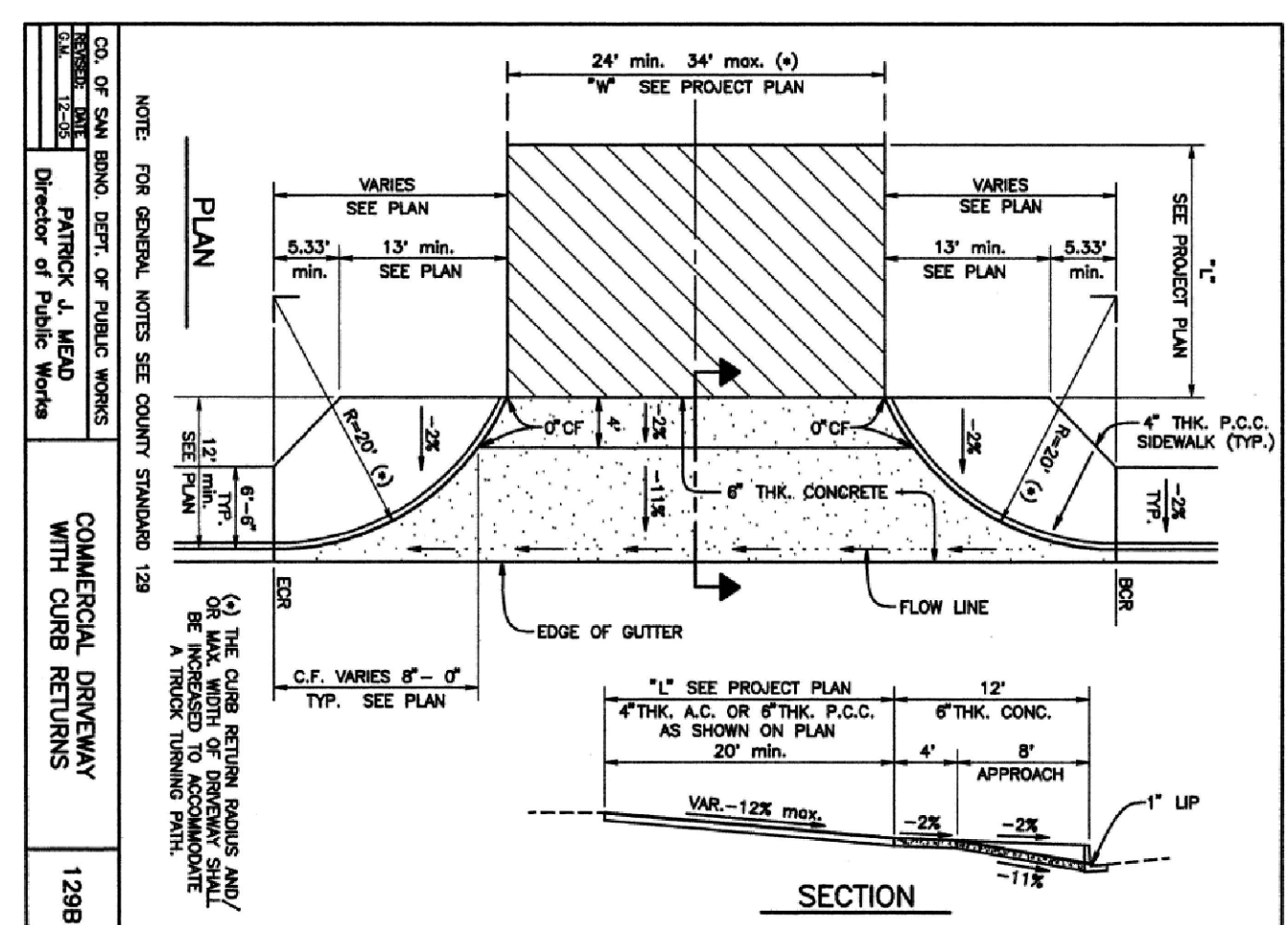
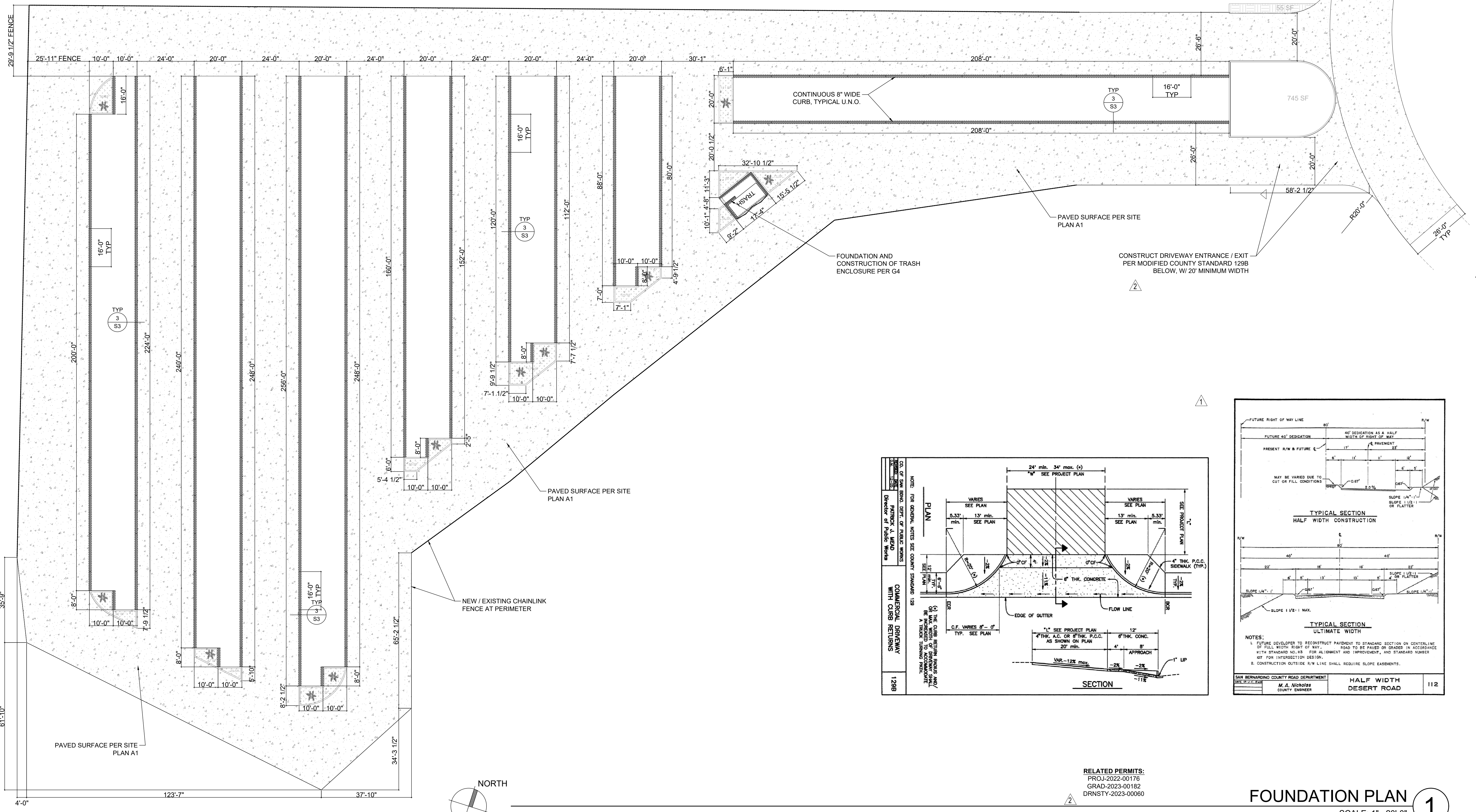
DRAWN: ER

SCALE: 1" = 20'-0"

SHEET: STRUCTURAL FOUNDATION PLAN

S1

PAGE: 7 OF 14



RELATED PERMITS:

PROJ-2022-00176

GRAD-2023-00182

DRNSTY-2023-00060

FOUNDATION PLAN 1

SCALE: 1" = 20'-0"

FOR REFERENCE ONLY

GRADING / SITE PREP. NOTES 9 STRUCTURAL OBSERVATION 5 SHIPPING CONTAINER NOTES 1

- 1. ALL GRADING PROCEDURES SHALL COMPLY WITH THE APPROVED SOILS REPORT (WHERE OCCURS) AND SHALL INCLUDE, BUT ARE NOT LIMITED TO: GRADING, EXCAVATION, TRENCHING, SCARIFICATION, COMPACTION AND MOISTURE CONDITIONING.
2. AS REQUIRED BY THE SOILS REPORT (WHERE OCCURS), THE GEOTECHNICAL ENGINEER OR A CERTIFIED GEOLOGIST SHALL BE RETAINED FOR INSPECTION AND APPROVAL OF ALL EXCAVATIONS TO VERIFY THEY ARE FOUNDED IN COMPETENT MATERIAL PRIOR TO THE PLACEMENT OF FORMWORK OR REINFORCEMENT.
3. REMOVAL OF DEBRIS AND EXISTING FILL AND DISTURBED NATURAL SOILS SHALL BE EXCAVATED TO THE SATISFACTION OF THE SOILS ENGINEER.
4. ALL FILL AND FILL SLOPE SHALL BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY.
5. REMOVE ALL DEBRIS, VEGETATION, TREE ROOTS, ORGANIC TOPSOIL, EXISTING STRUCTURES, FOOTINGS, FOUNDATIONS, RUBBLE, TREES, PAVED AREAS AND ANY UNDESIRABLE MATERIALS FROM THE CONSTRUCTION AREA TO THE SATISFACTION OF THE SOILS ENGINEER. TREE TRUNKS UNDER THE FLOOR SLABS SHOULD BE REMOVED TO A ROOT SIZE OF LESS THAN 0.5-INCHES.
6. THE EXPOSED SOILS SHALL THEN BE SCARIFIED TO A MINIMUM DEPTH OF 6" BROUGHT TO PROPER MOISTURE CONTENT AND COMPACTED TO AT LEAST 90% OF THE MAXIMUM DENSITY, OR PER THE REQUIREMENTS OF THE SOILS ENGINEER, WHICH SHALL GOVERN.
7. IF ANY UNFORESEEN SUBSURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION THEY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE SOILS ENGINEER AND BUILDING DEPARTMENT BEFORE PROCEEDING FURTHER.
8. THE CONTRACTOR SHALL TAKE PROTECTIVE MEASURES SO AS NOT TO CAUSE ANY MUD, SILT OR DEBRIS TO BE DEPOSITED ONTO PUBLIC OR ADJACENT PROPERTY AT ALL TIMES DURING CONSTRUCTION. ANY MUD OR DEBRIS ON PUBLIC PROPERTY SHALL BE REMOVED IMMEDIATELY AND DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHOD THROUGHOUT THE GRADING AND BUILDING CONSTRUCTION OPERATION.
9. ALL EXISTING MATURE TREES TO REMAIN ARE TO BE PROTECTED DURING THE COURSE OF CONSTRUCTION. DO NOT DISTURB OR CHANGE THE EXISTING GRADE WITHIN THE TREE DRIP-LINE. IF TRENCHING IS REQUIRED AND CANNOT BE RELOCATED, HAND TRENCH WITHIN DRIP-LINE AND TUNNEL PIPE UNDER ROOTS. DO NOT CUT ROOTS OVER 2" DIAMETER AND DO NOT STOCKPILE SOIL OR OTHER MATERIALS WITHIN THE DRIP-LINE AREA. DEEP-WATER EXISTING TREES AT LEAST 1-2 TIMES PER MONTH, OR AS NECESSARY TO KEEP TREES HEALTHY UNTIL ANY PLANNED IRRIGATION SYSTEM IS INSTALLED.
10. BEFORE STARTING ANY WORK RELATING TO EXISTING UTILITIES (ELECTRICAL, SANITARY, WATER, HEAT, GAS, ETC.) THAT WILL TEMPORARILY DISCONTINUE OR DISRUPT SERVICES TO THE EXISTING BUILDING, NOTIFY THE OWNER AND APPROPRIATE AGENCIES SEVENTY-TWO (72) HOURS IN ADVANCE AND OBTAIN REQUIRED APPROVAL AND/OR PERMITS PRIOR TO BEGINNING WORK.

- 1. WHERE REQUIRED BY THE PROVISIONS OF CBC SECTIONS 1704.6.1 OR 1704.6.2, THE OWNER SHALL EMPLOY A REGISTERED DESIGN PROFESSIONAL TO PERFORM STRUCTURAL OBSERVATIONS.
2. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR INSPECTIONS IN SECTION 110 OF THE CBC OR THE SPECIAL INSPECTIONS IN SECTION 1705 OF THE CBC.
3. STRUCTURAL OBSERVATION MAY BE REQUIRED BY THE JURISDICTION, ENGINEER, OR OWNER THESE OBSERVATIONS DO NOT SUBSTITUTE ANY OF THE REQUIRED INSPECTIONS AS REQUIRED BY THE JURISDICTION.
4. PER CBC SECTION 1704.6.1 OR 1704.6.2, NO STRUCTURAL OBSERVATIONS ARE REQUIRED; PER ENGINEER, THE FOLLOWING OBSERVATIONS ARE REQUIRED AS A MEANS OF VERIFYING CONSTRUCTION IS IN GENERAL CONFORMANCE W/ THE APPROVED PLANS:
4.1. PREFAB CONTAINER (VISUAL INSPECTION OF CONTAINERS FOR DAMAGE - PRIOR TO STARTING FABRICATION)
4.2. FOUNDATION (FORM, REINFORCEMENT, HARDWARE AND DETAILING - PRIOR TO POURING CONCRETE)
5. OBSERVATION REPORTS WILL BE ISSUED TO THE CONTRACTOR FOR REMEDIATION AND CORRECTION, BUT ARE NOT REQUIRED TO BE SUBMITTED TO THE BUILDING DEPARTMENT UPON COMPLETION.
6. PLEASE PROVIDE ADEQUATE NOTICE OF OBSERVATION REQUEST TO ENGINEER, WITH A MINIMUM OF 48 HOUR ADVANCE NOTICE

- 1. ORIGINAL SHIPPING CONTAINER SHALL BE FABRICATED AND CERTIFIED TO MEET THE SPECIFICATIONS AS PROVIDED BY THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO), SPECIFICALLY [ISO 668] FOR SERIES 1 FREIGHT CONTAINERS. CONTAINER SHALL BE A GENERAL PURPOSE CONTAINER AS DEFINED IN ISO 830 WITH A TYPE GROUP CODE DESIGNATION OF G, AS DENOTED IN [ISO 6346]
2. ORIGINAL SHIPPING CONTAINER SHALL BEAR AN EXISTING CSC SAFETY APPROVAL PLACARD AFFIXED TO THE DOOR ACCORDING TO [ISO 6346], AND SHALL INCLUDE THE FOLLOWING INFORMATION, AT MINIMUM:
2.1. MANUFACTURERS NAME OR IDENTIFICATION NUMBER
2.2. DATE MANUFACTURED
2.3. SAFETY APPROVAL NUMBER
2.4. IDENTIFICATION NUMBER
2.5. MAX OPERATING GROSS WEIGHT
2.6. ALLOWABLE STACKING LOAD
2.7. TRANSVERSE RACKING TEST FORCE
2.8. VALID MAINTENANCE EXAMINATION DATE
3. ORIGINAL SHIPPING CONTAINER SHALL BEAR MARKINGS WHICH IDENTIFY ITS OPERATIONAL CHARACTERISTICS ACCORDING TO [ISO 6346], SUCH AS MAXIMUM WEIGHT, CONTAINER WEIGHT AND MAXIMUM PAYLOAD WEIGHT.
4. ORIGINAL SHIPPING CONTAINERS SHALL BE CERTIFIED TO HAVE MET THE TESTING METHODS AS SPECIFIED IN [ISO 1496-1], AND SHALL BEAR THE CORRESPONDING CSC SAFETY APPROVAL PLATE.
6. ORIGINAL SHIPPING CONTAINER SHALL BE FREE FROM DEFECTS, RUST, CORROSION OR SIGNIFICANT DEFORMATION OF PANELS OR CORNER BEAMS / POSTS.
7. IN ORDER TO ENSURE STRUCTURAL INTEGRITY, ONLY NEW SHIPPING CONTAINERS OR CONTAINERS USED FOR ONE-TIME SHIPMENT MAY BE USED.
8. CONTRACTOR SHALL TAKE EXTRA CARE DURING PLACEMENT OF CONTAINER ONTO PEDESTALS, AND UTILIZE ADDITIONAL BRACING WITHIN CONTAINER AS REQUIRED TO MAINTAIN STRUCTURAL STABILITY.

STEEL & WELDING NOTES 10

- 1. ALL MATERIAL FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
2. STRUCTURAL STEEL MEMBERS SHALL CONFORM TO THE FOLLOWING MATERIAL SPECIFICATIONS:
STRUCTURAL TUBES = A-500, GRADE B
PLATES, CAPS & ANGLES = A-36
ANCHOR RODS = F-1554, GRADE 36
ALL BOLTS = A-307
3. ALL STEEL EXPOSED TO THE WEATHER SHALL BE HOT-DIPPED GALVANIZED UNLESS ALTERNATE METHODS OF WEATHER PROOFING ARE APPROVED BY THE ARCHITECT.
4. ALL GROUT UNDER BASE PLATES SHALL BE NON-SHRINK HIGH-STRENGTH GROUT W/ MINIMUM STRENGTH 4,000 PSI.
5. WELDING OF STRUCTURAL STEEL SHALL CONFORM TO AWS D1.1 USING APPROVED E70XX ELECTRODES.
6. ALL WELDING SHALL BE PERFORMED BY AN EXPERIENCED, CERTIFIED WELDER FOR THE TYPE OF WELD BEING MADE.
7. ATTACH ALL WELDED STUDS TO STEEL SUBSTRATE W/ AN 1/8" FILLET WELD, CONTINUOUS ALL AROUND, TYPICAL UNO

SPECIAL INSPECTIONS 6

- 1. SPECIAL INSPECTIONS SHALL BE PERFORMED WHERE REQUIRED BY SECTION 1704 OF THE CBC, AS REQUIRED BY THE GOVERNING JURISDICTION OR AS SPECIFIED BY THE STRUCTURAL ENGINEER OF RECORD.
2. ALL INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED INSPECTOR AND/OR TESTING AGENCY, WHICH HAS BEEN APPROVED BY THE CITY OF SAN BERNADINO.
3. [PERIODIC] SPECIAL INSPECTIONS ARE REQUIRED FOR THE FOLLOWING WORK:
3.1. CONCRETE (MIX, FORMWORK, PLACEMENT, PER TABLE 1705.3)
3.2. SOILS (EXCAVATIONS, FILL, PREPARATION, PER TABLE 1705.6)
3.3. STRUCTURAL STEEL (MATERIAL, WELDING, PER 1705.2)
3.3. SHEAR WALLS (NAILING, BOLTING, ANCHORING, PER 1705.12.2)
4. [CONTINUOUS] SPECIAL INSPECTIONS ARE REQUIRED FOR THE FOLLOWING WORK:
4.1. POST-INSTALLED ADHESIVE ANCHORS WHERE OCCURRING

SOIL & FOUNDATION NOTES 8

- 1. THE FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL (SOILS) REPORT SHOWN IN THE DESIGN CRITERIA SECTION OF NOTES
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIREMENTS OF THE SOILS REPORT AND SHALL KEEP A COPY ON THE JOB SITE AT ALL TIMES
3. ALL FOUNDATION EXCAVATIONS, FILLING, BACK FILLING AND COMPACTED BUILDING PADS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CALLING FOR CITY INSPECTION AND PLACEMENT OF REINFORCEMENT AND/OR CONCRETE
4. ALL FOOTINGS AND SLABS SHALL BE CONSTRUCTED ON FIRM UNDISTURBED NATURAL SOILS OR APPROVED COMPACTED FILL. WHERE COMPACTED FILL IS USED, CONTRACTOR SHALL PROVIDE BUILDING INSPECTOR WITH WRITTEN APPROVAL OF COMPACTION FROM GEOTECHNICAL ENGINEER

CONCRETE & REINFORCING NOTES 8

- 1. THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS FOR ALL PADS, FOOTINGS AND MAT SLABS SHALL BE: 2500 PSI
2. CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C150, TYPE II, WITH W/C RATIO OF 0.5.
3. PLACEMENT SHALL BE IN ONE CONTINUOUS POUR, UNO.
4. CONCRETE SHALL BE UNIFORMLY CONSOLIDATED AROUND ANCHORS AND HOLD-DOWNS.
5. HARDWARE AND REINFORCEMENT SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE.
6. REINFORCING STEEL FOR #3 BARS AND LARGER OF GRADE 60 SHALL CONFORM TO [ASTM A-615].
7. LAP LENGTH AND SPLICE INFORMATION PER DETAIL 1/S3.

COLD-FORMED STUD (CFS) NOTES 2

- 1. ALL FRAMING SHALL CONFORM TO THE STANDARD SPECIFICATION FOR SHEET STEEL PER [ASTM A591 / A591A].
2. MATERIAL MANUFACTURER SHALL BE A CURRENT MEMBER OF THE STEEL STUD MANUFACTURERS ASSOCIATIONS [SSMA].
3. COLD-FORMED STUD MATERIAL SHALL BE PER [ASTM A653 / A653M] OR [ASTM A1003 / 1003M].
4. PROVIDE COMPONENTS IN ACCORDANCE W/ [ASTM C645].
4.1. STUDS SHALL BE NON-LOAD BEARING ROLL-FORMED SSMA STUD PROFILE, W/ C-SHAPE AND DEPTH PER PLAN (3-1/2" UNO) AND PUNCHED FOR UTILITY ACCESS.
4.2. TOP AND BOTTOM TRACKS SHALL BE THE SAME MATERIAL AND FINISH AS STUDS, W/ MINIMUM 1-1/4" DEEP LEGS. PROVIDE DEFLECTION TRACKS AT CONNECTIONS TO ROOF FRAMING WHERE OCCURS, USING 2" DEEP LEGS AND SLOTTED SCREW HOLES TO PROVIDE ±1/2" OVERHEAD MOVEMENT.
4.3. USE 3/8" LONG PAN HEAD SCREWS FOR ALL CONNECTIONS, UNO
5. INSTALL PARTITION / FURRING FRAMING IN ACCORDANCE W/ [ASTM C754] AND MANUFACTURERS RECOMMENDATIONS:
5.1. ATTACH TOP AND BOTTOM TRACK AT EACH END AND 24" O.C. MAX
5.2. INSTALL DEFLECTION TRACK AT PARTITIONS WHICH EXTEND TO ROOF FRAMING AND PROVIDE CONNECTION
5.3. POSITION STUDS VERTICALLY IN TRACKS, SPACED 16" O.C. MAX AND LOCATE A VERTICAL STUD WITHIN 2" OF DOOR FRAME AT EACH SIDE
5.4. INSTALL A HORIZONTAL TRACK AS HEADER ABOVE OPENINGS IN PARTITIONS / FURRING FRAMING. WHERE OPENING EXCEEDS 48", INSTALL DOUBLE STUD HEADER BACK-TO-BACK FOR OPENINGS UP TO 84".

APPLICABLE CODES 3

ALL WORK SHALL CONFORM STRICTLY TO CURRENT APPLICABLE CITY OF SAN BERNADINO MUNICIPAL CODE, REGULATIONS AND ORDINANCES, AS WELL AS:
2019 CALIFORNIA BUILDING CODE
2019 CALIFORNIA MECHANICAL CODE
2019 CALIFORNIA PLUMBING CODE
2019 CALIFORNIA ELECTRICAL CODE
2019 CALIFORNIA ENERGY CODE
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
2019 CALIFORNIA FIRE CODE

DESIGN CRITERIA 4

Table with 2 columns: Category and Value. Includes SEISMIC DATA (SPECTRAL RESPONSE, SDS: 1.424), LOADING DATA (ROOF LIVE LOAD (TYP): 20 PSF), and GEOTECHNICAL DATA (SOILS REPORT: PROJECT 23915-23 NORCAL ENGINEERING DATED JUNE 8, 2023).

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

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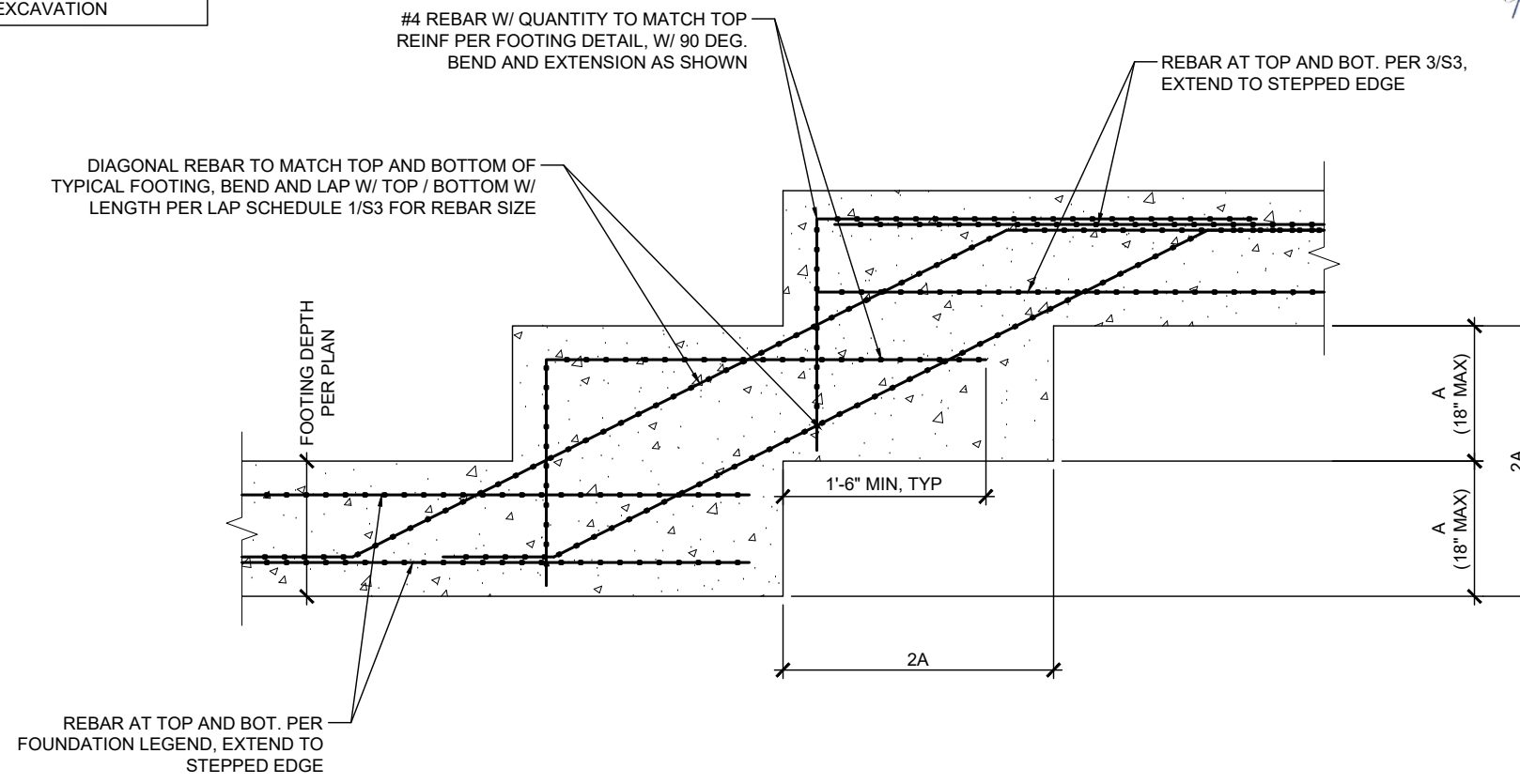
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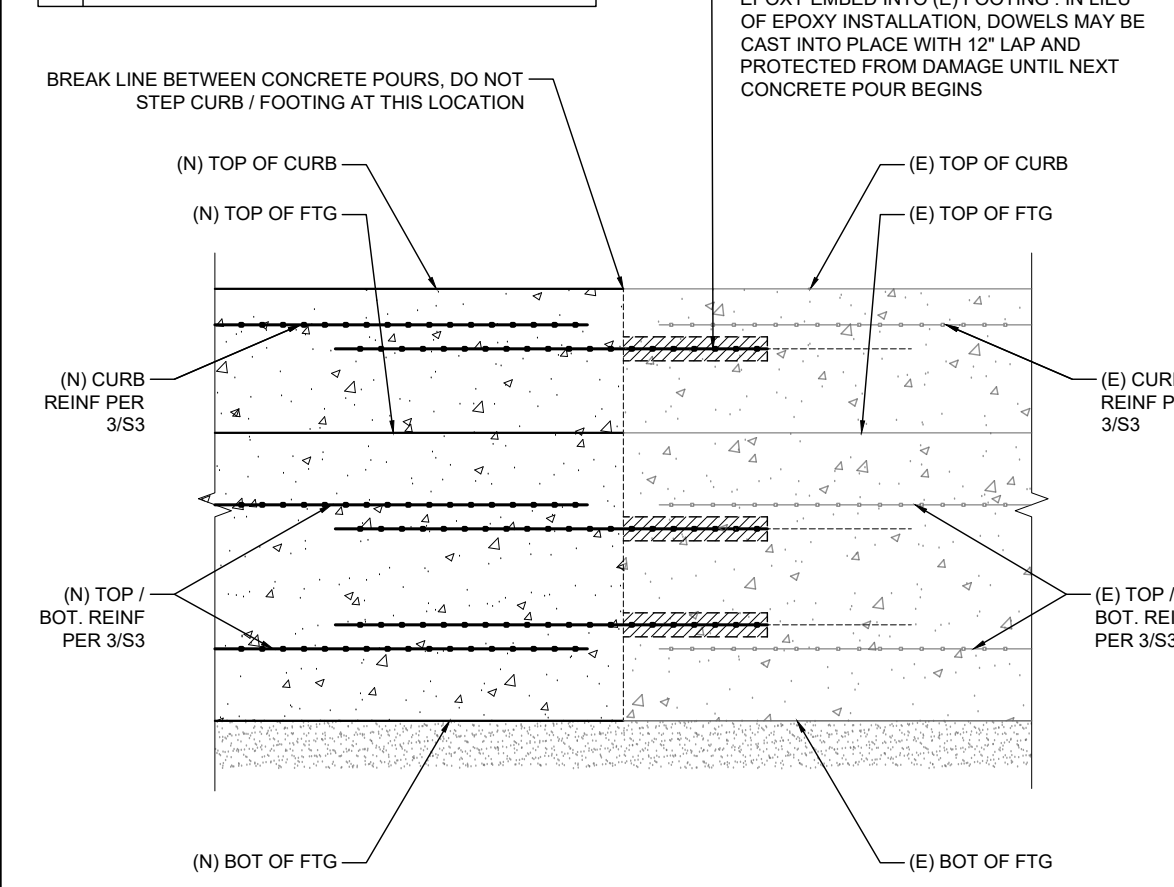
JOB: 2206, ORIG: 01-11-2023, DRAWN: ER, SCALE: 1/4" = 1'-0", SHEET: STRUCTURAL GENERAL NOTES & SPECIFICATIONS S2, PAGE: 8 OF 14

FOR REFERENCE ONLY

NOTES
REFER TO FOUNDATION PLAN S1 FOR ELEVATION OF STEM WALLS AND BOTTOM OF FOOTINGS. CONTRACTOR TO VERIFY FOOTING DEPTHS AND STEP LOCATIONS PRIOR TO EXCAVATION



NOTES
INSTALL EPOXY REBAR USING SIMPSON SET-XP ADHESIVE. INSTALL PER MANUFACTURERS RECOMMENDATIONS AND ICC-ESR REPORT #2508



REVISION DATE
1ST PLAN CHECK 07-27-2023
2ND PLAN CHECK 10-30-2023

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No. C-86797
STATE OF CALIFORNIA

20

16

STEPPED FOOTING

1/2"=1'-0"

8

TYP CURB/FTG AT (E) CURB/FTG

1/2"=1'-0"

4

19

15

11

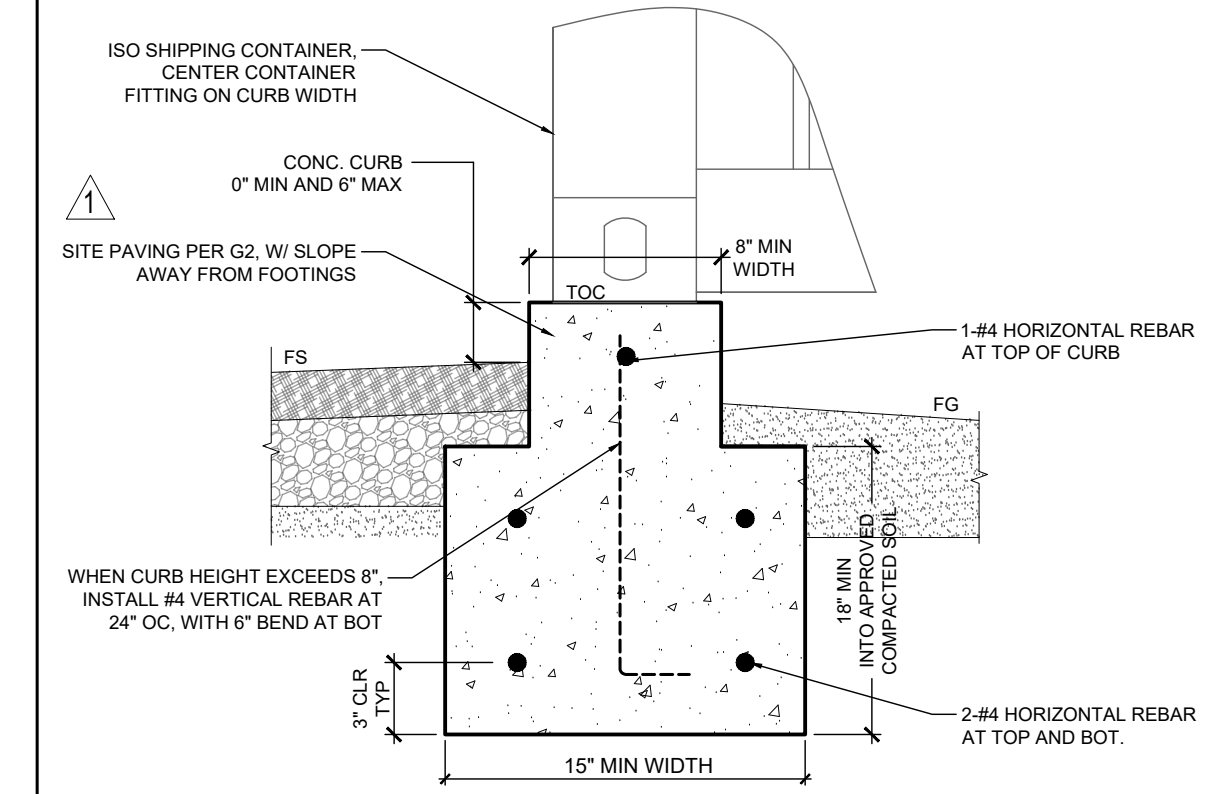
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TYP CURB / FOOTING

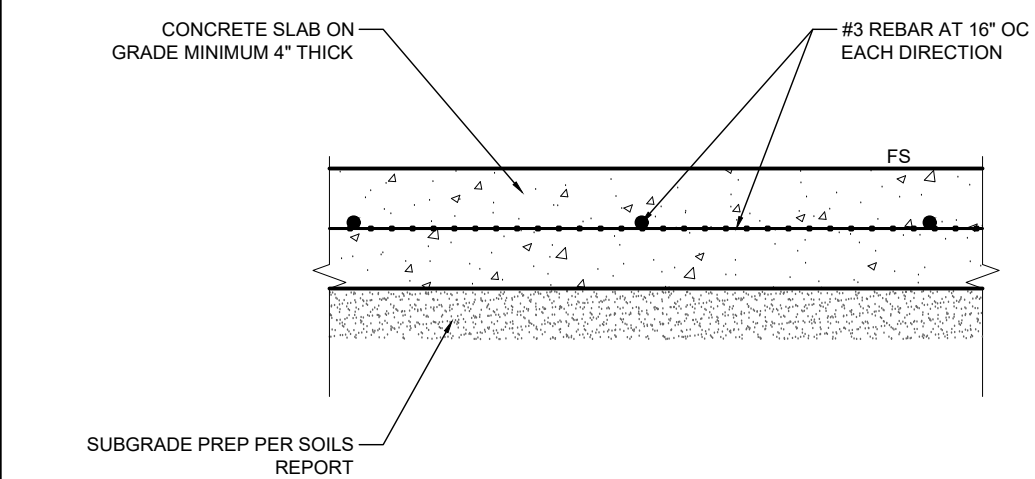
1/4"=1'-0"

3

NOTES
1. PREPARE SUBGRADE SOIL ACCORDING TO GRADING AND SITE PREP. NOTES ON 9/S2 AND SOILS REPORT BY NORCAL ENG.
2. SEE CONCRETE AND REINFORCING NOTES ON 8/S2
3. STEP FOOTING AND CURB WHERE REQUIRED PER 8/S3



NOTES
1. PREPARE SUBGRADE SOIL ACCORDING TO GRADING AND SITE PREP. NOTES ON 9/S2 AND SOILS REPORT BY NORCAL ENG.
2. SEE CONCRETE AND REINFORCING NOTES ON 8/S2

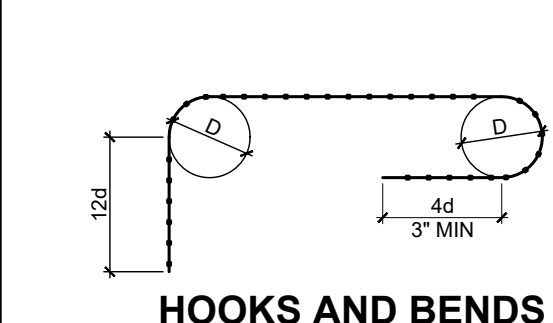


TYP SLAB ON GRADE

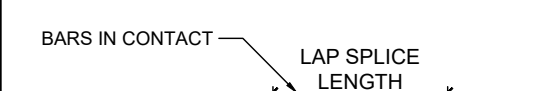
1/2"=1'-0"

2

TYPICAL REINFORCEMENT COVERAGE		
CONDITION	MIN COVER (IN)	EXAMPLE
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"	FOOTING REBAR
CONCRETE EXPOSED TO EARTH OR WEATHER	2"	STEM WALL REBAR
CONCRETE OVER SAND	MID DEPTH	SLAB ON GRADE REBAR



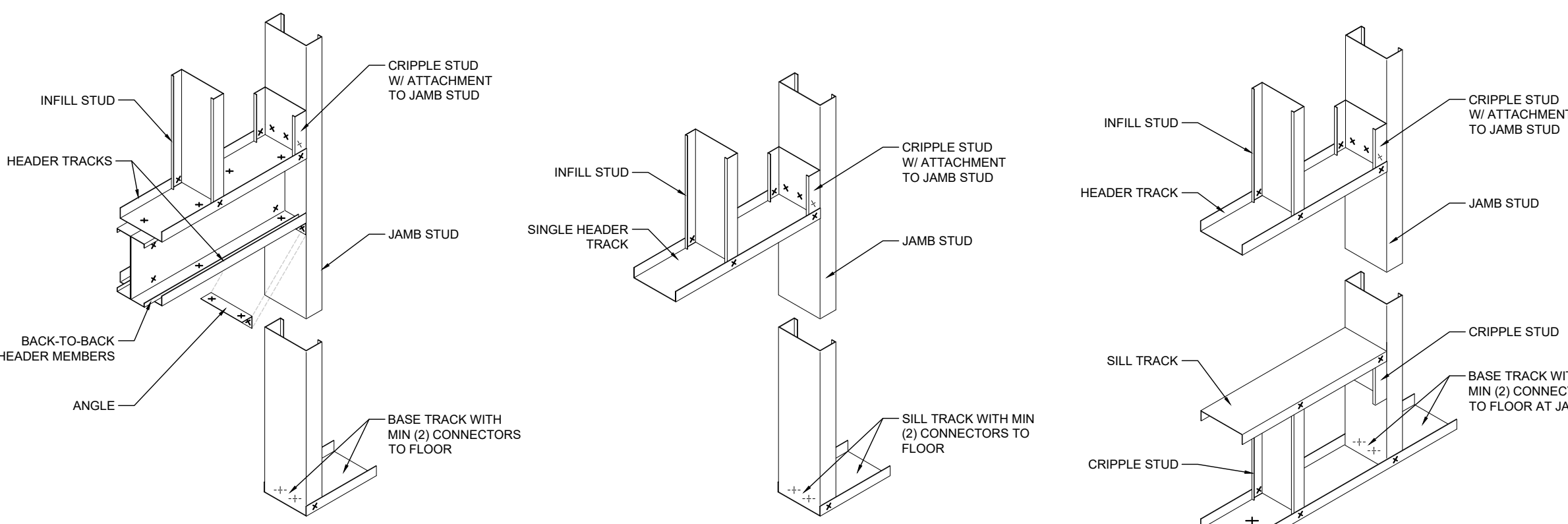
HOOKS AND BENDS



SPLICE

TYPICAL BEND DIAMETER		
BAR SIZE	MIN D	
#3 TO #8	6d	
#9 TO #11	8d	

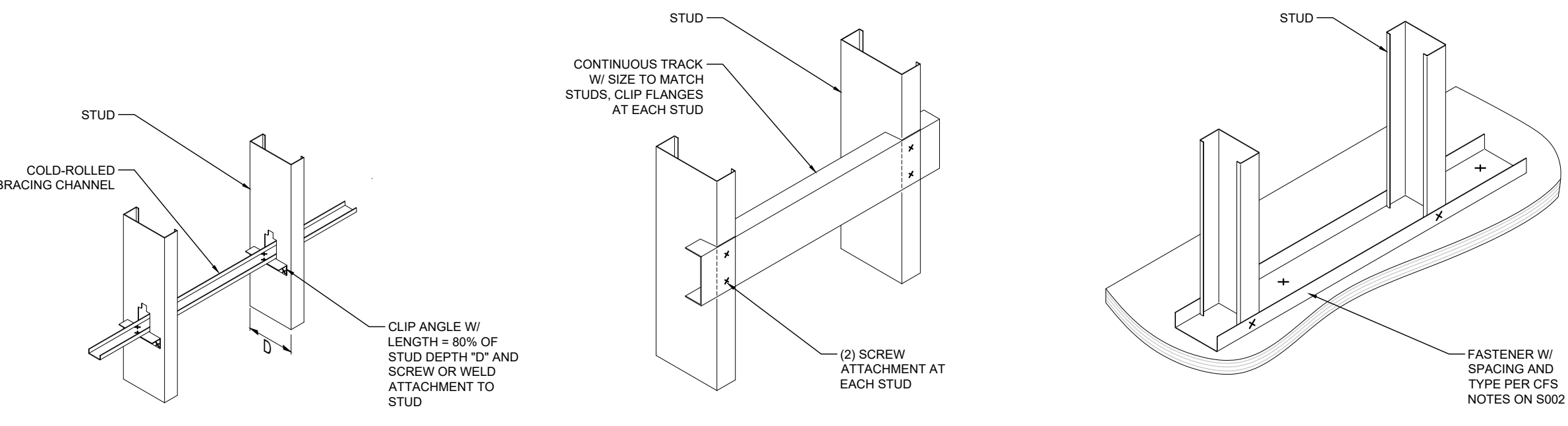
TYPICAL LAP SLICE SCHEDULE		
BAR SIZE	LAP SPLICE	LAP LENGTH
#3	42d	12"
#4	42d	12"
#5	62d	20"
#6	62d	24"
#7	78d	36"



LONG SPAN SPAN DOOR (UP TO 72")

SHORT SPAN DOOR (36" OR LESS)

WINDOW OPENING



STUD BLOCKING / BRIDGING

LOAD BEARING STUD BACKING

BASE TRACK ATTACHMENT

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

17

13

TYPICAL COLD-FORMED STEEL (CFS) DETAILS

1/4"=1'-0"

5

TYP REINFORCEMENT DETAILS

1/4"=1'-0"

1

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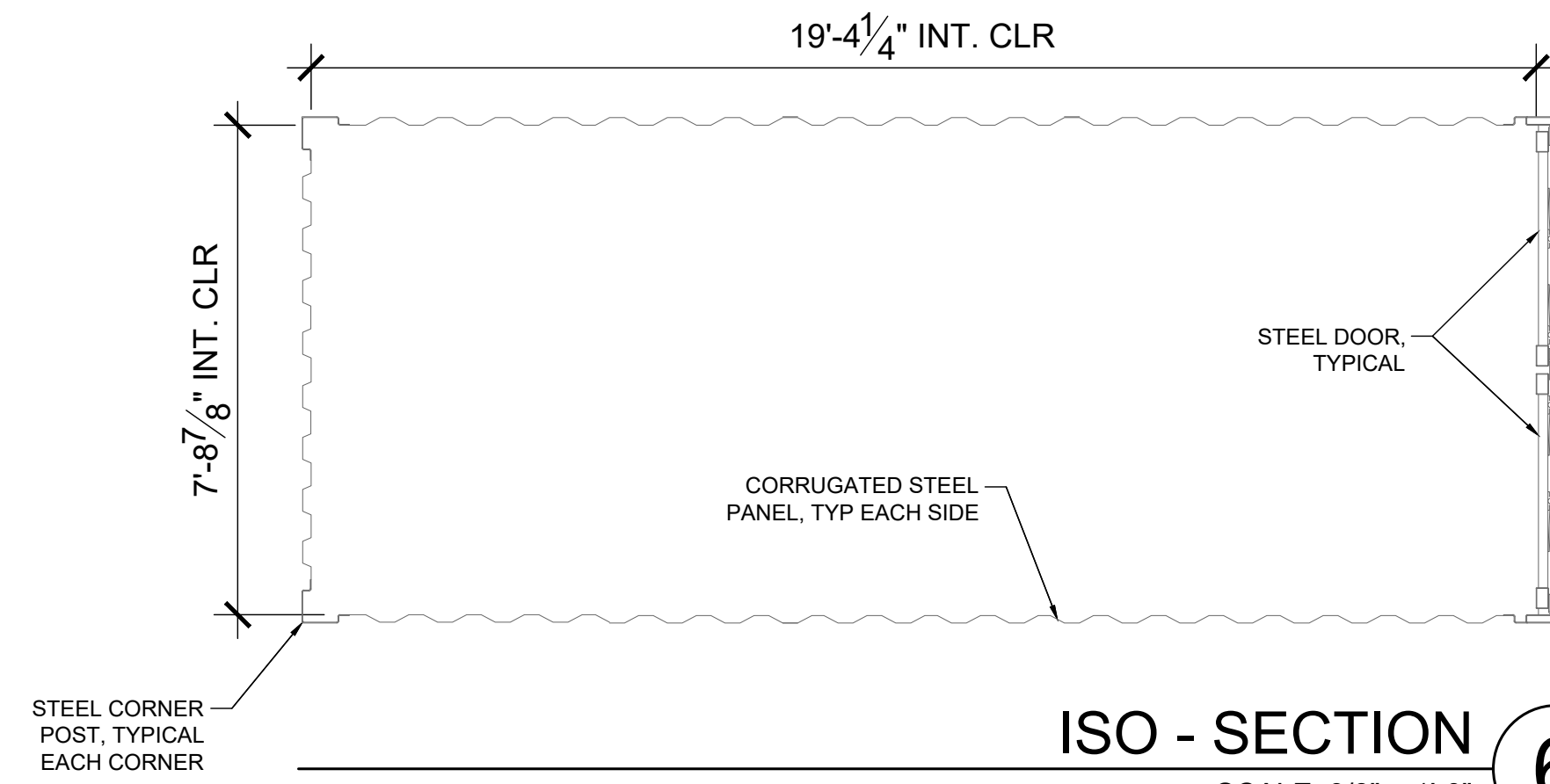
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JOB: 2206
ORIG: 01-11-2023
DRAWN: ER
SCALE: SEE DETAIL
SHEET: STRUCTURAL DETAILS

S3

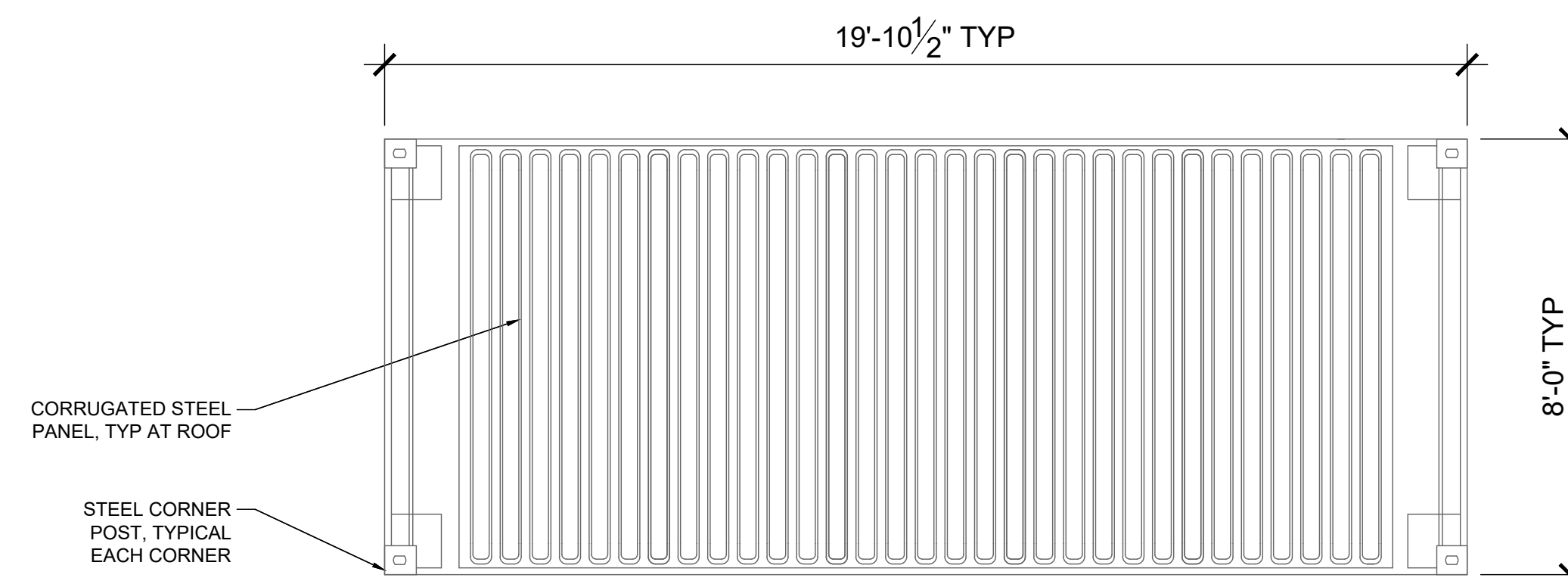
PAGE: 9 OF 14

FOR REFERENCE ONLY

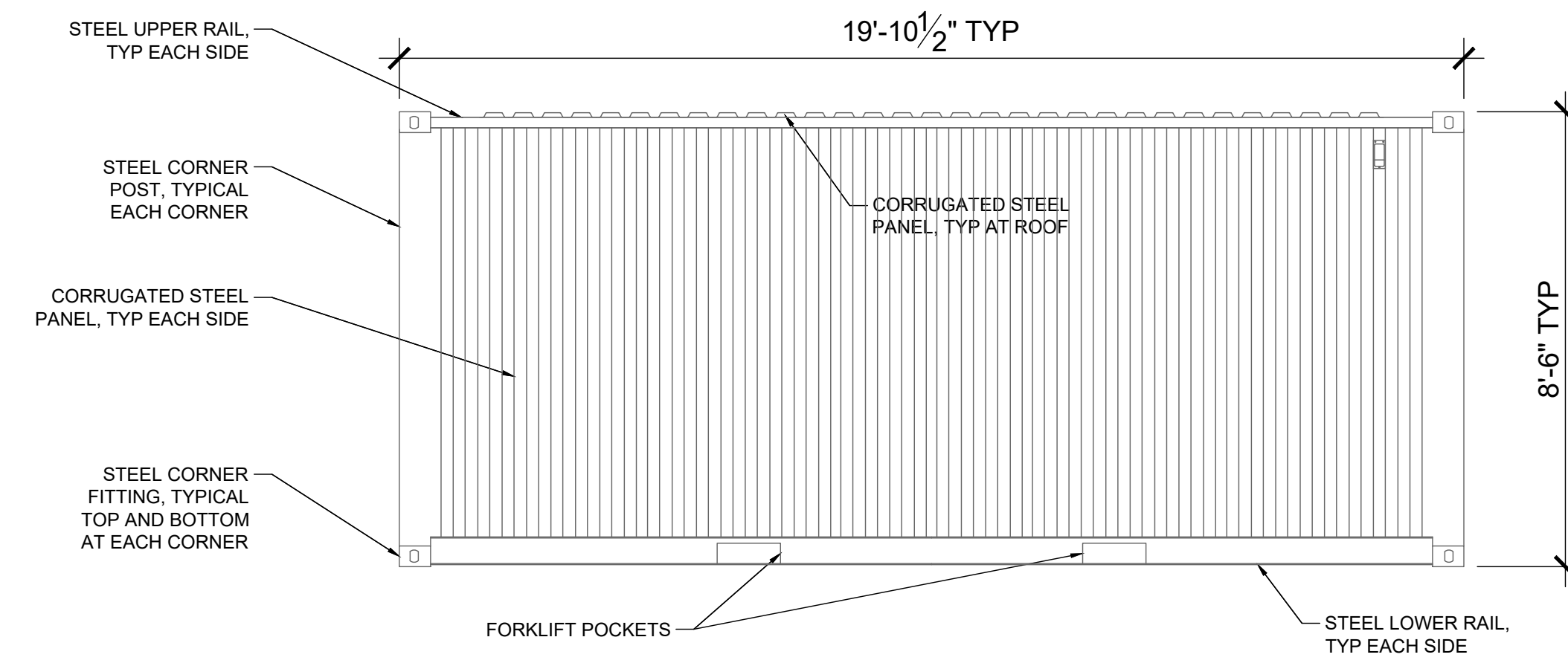


ISO - SECTION 6
SCALE: 3/8" = 1'-0"

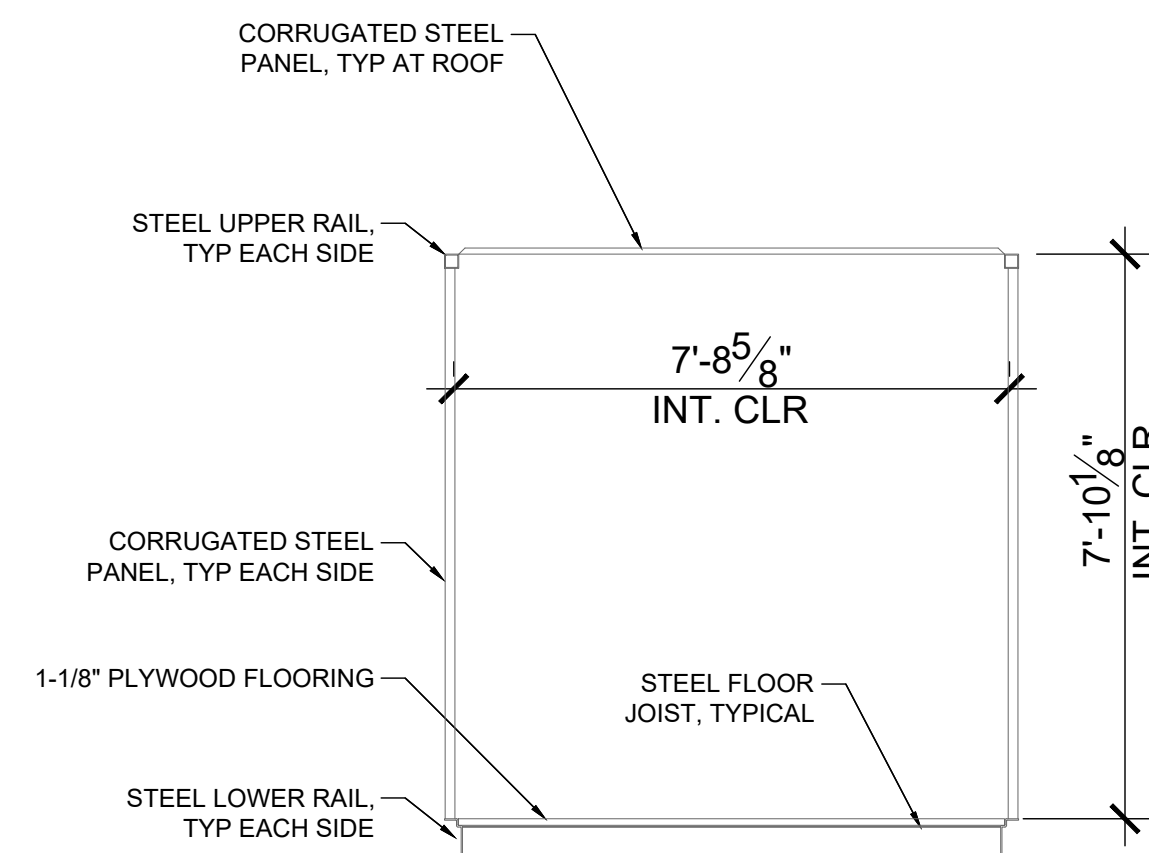
- ISO SHIPPING CONTAINER NOTES:**
- REFER TO SHIPPING CONTAINER NOTES SECTION 1/52 FOR SPECIFIC MAKE, MANUFACTURER AND SAFETY CERTIFICATION INFORMATION
 - SPECIFIC DOOR ASSEMBLY AND QUANTITY TO CHANGE DEPENDING ON STORAGE FACILITY UNIT BREAKDOWN. SOME CONTAINERS WILL HAVE ONE SET OF DOORS AT END, OTHERS WILL HAVE DOORS AT EACH END, A FEW WILL HAVE ROLL-UP DOORS ALONG THE SIDES



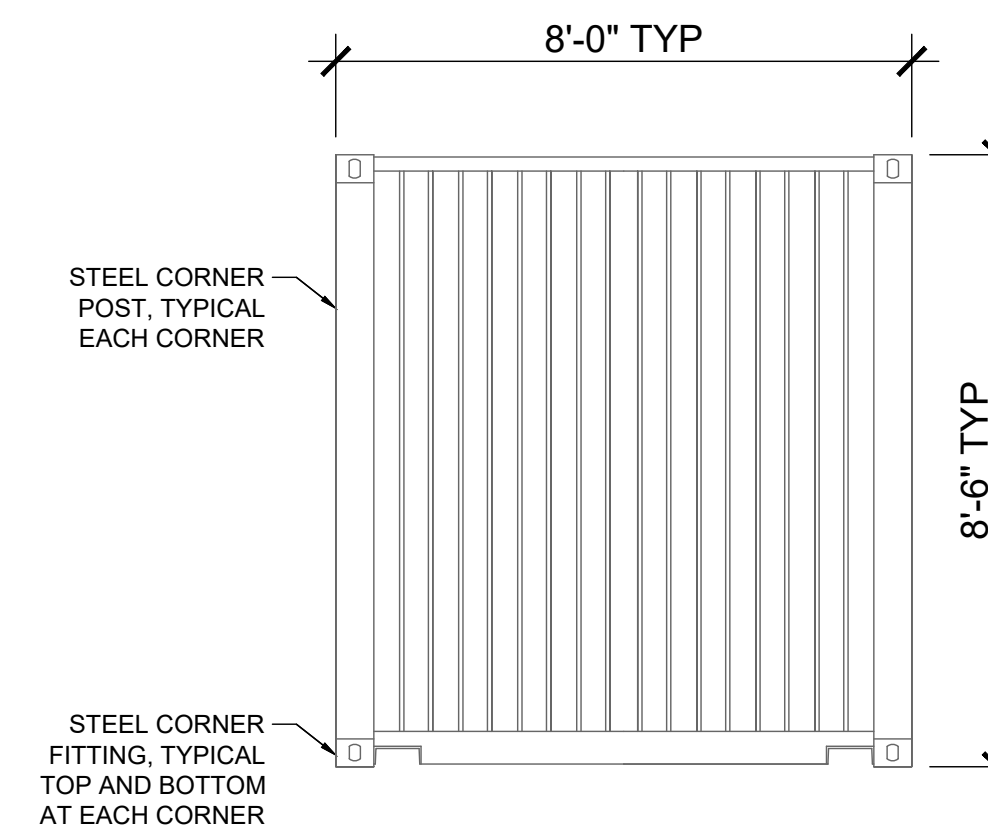
ISO - PLAN VIEW 5
SCALE: 3/8" = 1'-0"



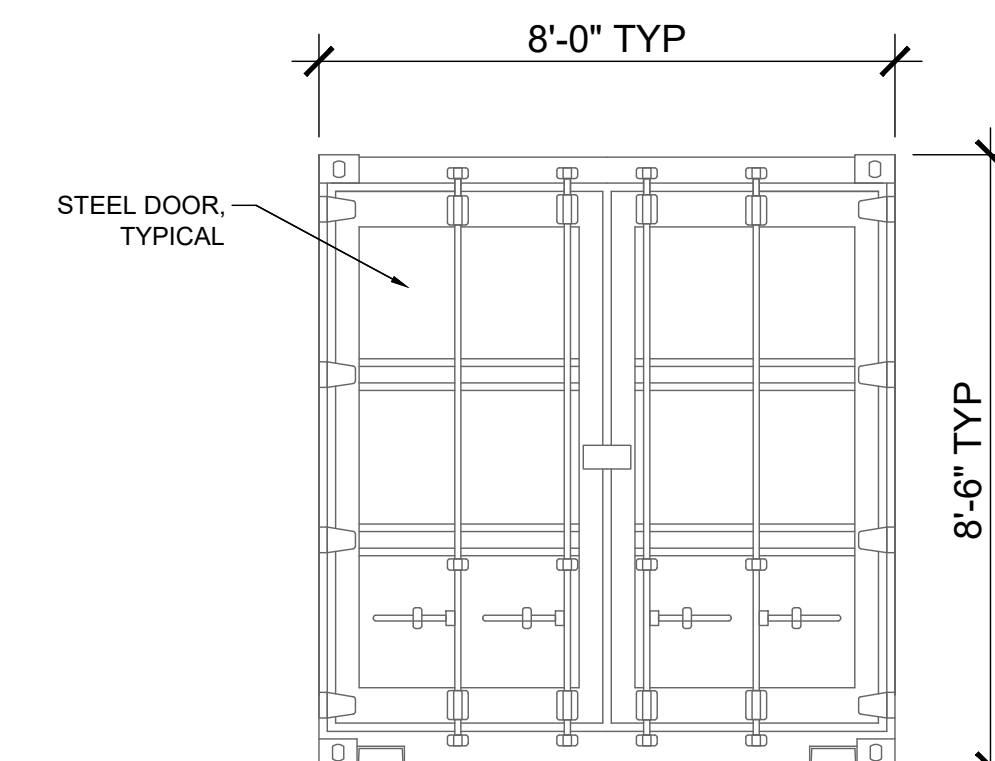
ISO - SIDE ELEV. 4
SCALE: 3/8" = 1'-0"



ISO - SECTION 3
SCALE: 3/8" = 1'-0"




ISO - BACK ELEV. 2
SCALE: 3/8" = 1'-0"

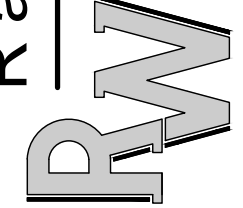


ISO - FRONT ELEV. 1
SCALE: 3/8" = 1'-0"

RELATED PERMITS:
PROJ-2022-00176
GRAD-2023-00182
DRNSTY-2023-00060

REVISION DATE	
2ND PLAN CHECK	10-30-2023
DISCLAIMER: THESE NOTES, SPECIFICATIONS, DESIGNS AND DRAWINGS ARE THE INTELLECTUAL PROPERTY OF RAMBERGWEST. NO PART SHALL BE COPIED, SHARED WITH OTHERS, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE ONE FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE EXPRESS WRITTEN CONSENT OF RAMBERGWEST.	
STAMP: 	

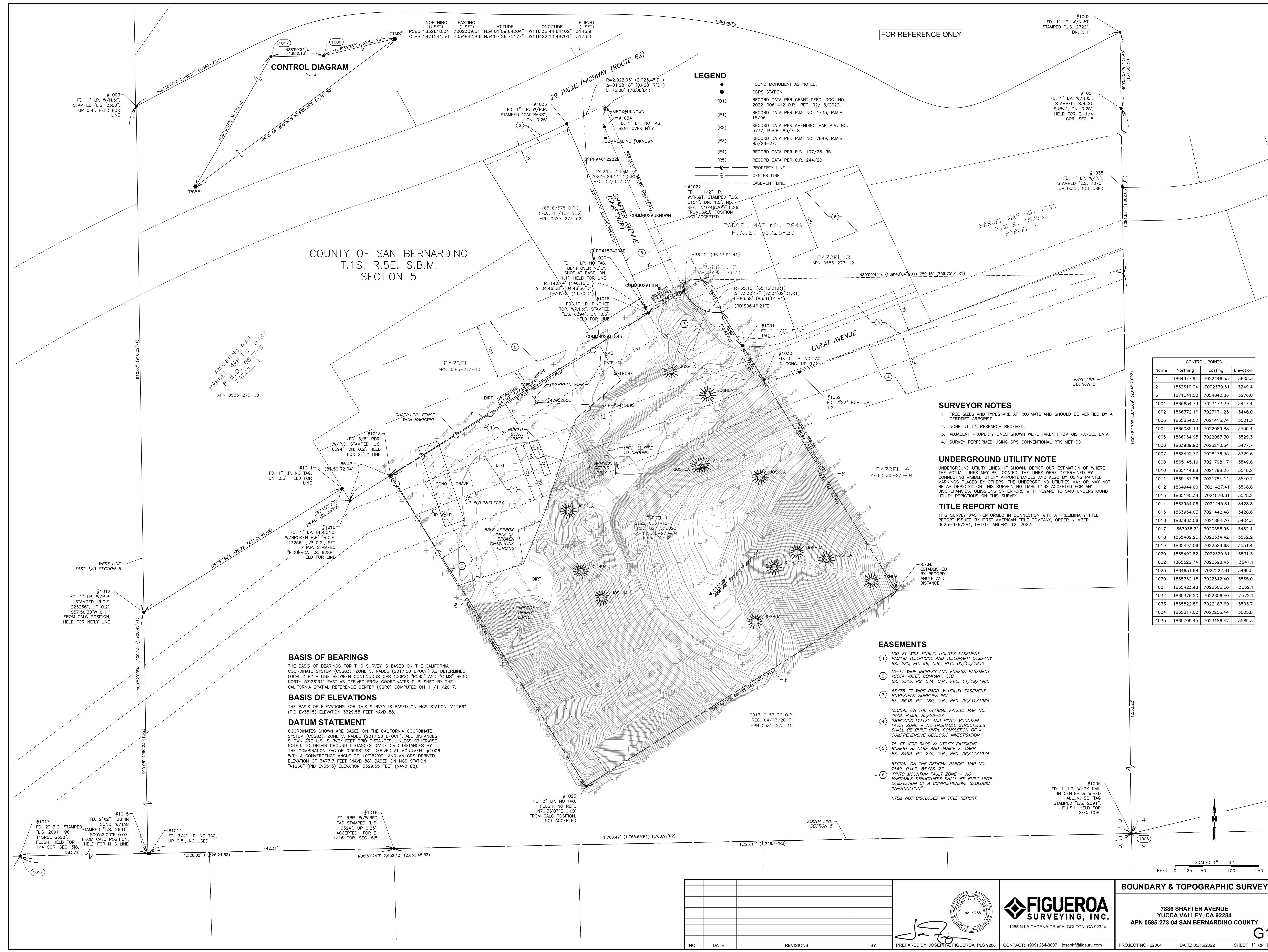
Ramberg West
DESIGN AND ENGINEERING
53 SANSOVINO,
LADERA RANCH, CA 92694
253-640-6222



3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023

ISO SELF-STORAGE
7886 SHAFTER AVE
YUCCA VALLEY, CA
92284

JOB:	2206
ORIG:	01-11-2023
DRAWN:	ER
SCALE:	1/4" = 1'-0"
SHEET:	ISO CONTAINER DIMENSIONS
S4	
PAGE:	10 OF 14



FOR REFERENCE ONLY

- LEGEND**
- FOUND MONUMENT AS NOTED.
 - CGPS STATION.
 - (D1) RECORD DATA PER GRANT DEED, DOC. NO. 2022-0061412 O.R., REC. 02/15/2022.
 - (R1) RECORD DATA PER P.M. NO. 1733, P.M.B. 15/96.
 - (R2) RECORD DATA PER AMENDING MAP P.M. NO. 5737, P.M.B. 85/7-8.
 - (R3) RECORD DATA PER P.M. NO. 7849, P.M.B. 85/26-27.
 - (R4) RECORD DATA PER R.S. 107/28-35.
 - (R5) RECORD DATA PER C.R. 244/20.
 - PROPERTY LINE
 - CENTER LINE
 - - - EASEMENT LINE

COUNTY OF SAN BERNARDINO
T.1S. R.5E. S.B.M.
SECTION 5

CONTROL POINTS		
Name	Northing	Easting
1	1864977.94	7022446.55
2	1832610.04	7002339.51
3	1871541.50	7054842.86
1001	1866634.73	7023173.39
1002	1866772.16	7023171.23
1003	1865854.02	7021413.74
1004	1866085.13	7022089.88
1005	1866064.95	7022087.70
1006	1863989.90	7023210.54
1007	1868492.77	7028476.55
1008	1865145.19	7021798.17
1010	1865144.88	7021798.26
1011	1865167.26	7021784.14
1012	1864944.00	7021427.41
1013	1865190.38	7021870.61
1014	1863954.06	7021445.81
1015	1863954.03	7021442.48
1016	1863963.06	7021884.70
1017	1863936.21	7020558.96
1018	1865482.23	7022334.42
1019	1865493.06	7022329.68
1020	1865492.82	7022329.51
1022	1865522.74	7022398.43
1023	1864631.98	7022222.61
1030	1865362.18	7022542.40
1031	1865423.48	7022503.58
1032	1865376.20	7022606.40
1033	1865822.86	7022187.69
1034	1865817.00	7022255.44
1035	1865709.45	7023186.47

SURVEYOR NOTES

- TREE SIZES AND TYPES ARE APPROXIMATE AND SHOULD BE VERIFIED BY A CERTIFIED ARBORIST.
- NONE UTILITY RESEARCH RECEIVED.
- ADJACENT PROPERTY LINES SHOWN WERE TAKEN FROM GIS PARCEL DATA.
- SURVEY PERFORMED USING GPS CONVENTIONAL RTK METHOD.

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITY LINES, IF SHOWN, DEPICT OUR ESTIMATION OF WHERE THE ACTUAL LINES MAY BE LOCATED. THE LINES WERE DETERMINED BY CONNECTING VISIBLE UTILITY APPURTENANCES AND ALSO BY USING PAINTED MARKINGS PLACED BY OTHERS. THE UNDERGROUND UTILITIES MAY OR MAY NOT BE AS DEPICTED ON THIS SURVEY. NO LIABILITY IS ACCEPTED FOR ANY DISCREPANCIES, OMISSIONS OR ERRORS WITH REGARD TO SAID UNDERGROUND UTILITY DEPICTIONS ON THIS SURVEY.

TITLE REPORT NOTE

THIS SURVEY WAS PERFORMED IN CONNECTION WITH A PRELIMINARY TITLE REPORT ISSUED BY FIRST AMERICAN TITLE COMPANY, ORDER NUMBER 0625-6767281, DATED JANUARY 12, 2022.

- EASEMENTS**
- 100-FT WIDE PUBLIC UTILITIES EASEMENT PACIFIC TELEPHONE AND TELEGRAPH COMPANY BK. 620, PG. 99, O.R., REC. 05/13/1930
 - 10-FT WIDE INGRESS AND EGRESS EASEMENT YUCCA WATER COMPANY, LTD. BK. 6516, PG. 574, O.R., REC. 11/19/1985
 - 45-75-FT WIDE ROAD & UTILITY EASEMENT HOMESTEAD SUPPLIES INC. BK. 6636, PG. 180, O.R., REC. 05/31/1966
 - RECITAL ON THE OFFICIAL PARCEL MAP NO. 7849, P.M.B. 85/26-27
 - RECITAL ON THE OFFICIAL PARCEL MAP NO. 7849, P.M.B. 85/26-27
 - RECITAL ON THE OFFICIAL PARCEL MAP NO. 7849, P.M.B. 85/26-27
- *ITEM NOT DISCLOSED IN TITLE REPORT.

BASIS OF BEARINGS

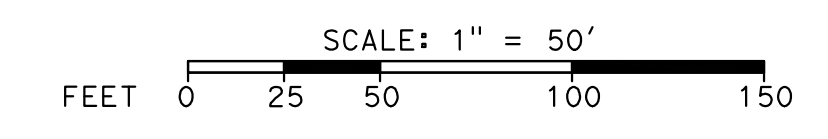
THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE V, NAD83 (2011.50 EPOCH) AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GPS (CGPS) "P585" AND "CTMS" BEING NORTH 53°26'34" EAST AS DERIVED FROM COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) COMPUTED ON 11/11/2017.

BASIS OF ELEVATIONS

THE BASIS OF ELEVATIONS FOR THIS SURVEY IS BASED ON NGS STATION "A1266" (PID EV3515) ELEVATION 3329.55 FEET NAVD 88.

DATUM STATEMENT

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE V, NAD83 (2011.50 EPOCH). ALL DISTANCES SHOWN ARE U.S. SURVEY FEET GRID DISTANCES, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR 0.99982382 DERIVED AT MONUMENT #1006 WITH A CONVERGENCE ANGLE OF +00°52'09" AND AN GPS DERIVED ELEVATION OF 3477.7 FEET (NAVD 88) BASED ON NGS STATION "A1266" (PID EV3515) ELEVATION 3329.55 FEET (NAVD 88).



NO.	DATE	REVISIONS	BY

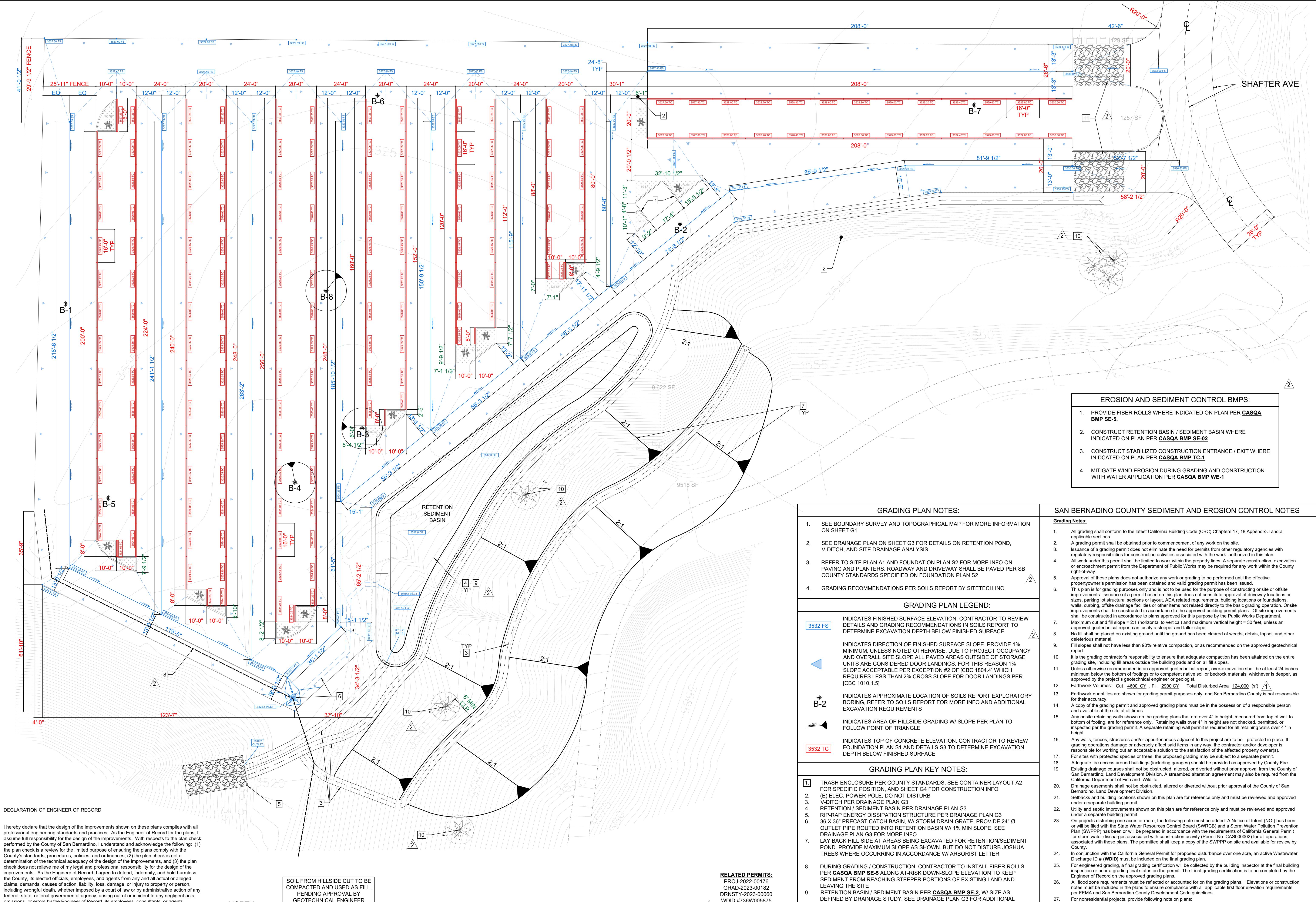
PREPARED BY: JOSEPH A. FIGUEROA, PLS 9288

1265 N LA CADENA DR #9A, COLTON, CA 92324

BOUNDARY & TOPOGRAPHIC SURVEY

7886 SHAFTER AVENUE
YUCCA VALLEY, CA 92284
APN 0585-273-04 SAN BERNARDINO COUNTY

PROJECT NO.: 22004 DATE: 05/16/2022 SHEET 11 OF 14



DECLARATION OF ENGINEER OF RECORD

I hereby declare that the design of the improvements shown on these plans complies with all professional engineering standards and practices. As the Engineer of Record for the plans, I assume full responsibility for the design of the improvements. With respect to the plan check performed by the County of San Bernardino, I understand and acknowledge the following: (1) the plan check is a review for the limited purpose of ensuring the plans comply with the County's standards, procedures, policies, and ordinances; (2) the plan check is not a determination of the technical adequacy of the design of the improvements; and (3) the plan check does not relieve me of my legal and professional responsibility for the design of the improvements. As the Engineer of Record, I agree to defend, indemnify, and hold harmless the County, its elected officials, employees, and agents from any and all actual or alleged claims, demands, causes of action, liability, loss, damage, or injury to property or person, including wrongful death, whether imposed by a court of law or by administrative action of any federal, state, or local governmental agency, arising out of or incident to any negligent acts, omissions, or errors by the Engineer of Record, its employees, consultants, or agents.

Ethan Ramberg C-86797 10-30-23
 (Signature of Engineer of Record/License Number) (date)

ETHAN RAMBERG
 (Print Name)

SOIL FROM HILLSIDE CUT TO BE
 COMPACTED AND USED AS FILL.
 PENDING APPROVAL BY
 GEOTECHNICAL ENGINEER

RELATED PERMITS:
 PROJ-2022-00176
 GRAD-2023-00182
 DRNSTY-2023-00060
 WDD #736W005875

GRADING PLAN
 SCALE: 1" = 20'-0"

1

GRADING PLAN NOTES:

- SEE BOUNDARY SURVEY AND TOPOGRAPHICAL MAP FOR MORE INFORMATION ON SHEET G1
- SEE DRAINAGE PLAN ON SHEET G3 FOR DETAILS ON RETENTION POND, V-DITCH, AND SITE DRAINAGE ANALYSIS
- REFER TO SITE PLAN A1 AND FOUNDATION PLAN S2 FOR MORE INFO ON PAVING AND PLANTERS. ROADWAY AND DRIVEWAY SHALL BE PAVED PER SB COUNTY STANDARDS SPECIFIED ON FOUNDATION PLAN S2
- GRADING RECOMMENDATIONS PER SOILS REPORT BY SITETECH INC

GRADING PLAN LEGEND:

- 3532 FS** INDICATES FINISHED SURFACE ELEVATION. CONTRACTOR TO REVIEW DETAILS AND GRADING RECOMMENDATIONS IN SOILS REPORT TO DETERMINE EXCAVATION DEPTH BELOW FINISHED SURFACE
- ▲** INDICATES DIRECTION OF FINISHED SURFACE SLOPE. PROVIDE 1% MINIMUM, UNLESS NOTED OTHERWISE. DUE TO PROJECT OCCUPANCY AND OVERALL SITE SLOPE ALL PAVED AREAS OUTSIDE OF STORAGE UNITS ARE CONSIDERED DOOR LANDINGS. FOR THIS REASON 1% SLOPE ACCEPTABLE PER EXCEPTION #2 OF [CBC 1804.4] WHICH REQUIRES LESS THAN 2% CROSS SLOPE FOR DOOR LANDINGS PER [CBC 1010.1.5]
- B-2** INDICATES APPROXIMATE LOCATION OF SOILS REPORT EXPLORATORY BORING. REFER TO SOILS REPORT FOR MORE INFO AND ADDITIONAL EXCAVATION REQUIREMENTS
- ▲** INDICATES AREA OF HILLSIDE GRADING W/ SLOPE PER PLAN TO FOLLOW POINT OF TRIANGLE
- 3532 TC** INDICATES TOP OF CONCRETE ELEVATION. CONTRACTOR TO REVIEW FOUNDATION PLAN S1 AND DETAILS S3 TO DETERMINE EXCAVATION DEPTH BELOW FINISHED SURFACE

GRADING PLAN KEY NOTES:

- TRASH ENCLOSURE PER COUNTY STANDARDS. SEE CONTAINER LAYOUT A2 FOR SPECIFIC POSITION. AND SHEET G4 FOR CONSTRUCTION INFO
- (E) ELEC. POWER POLE. DO NOT DISTURB
- V-DITCH PER DRAINAGE PLAN G3
- RETENTION / SEDIMENT BASIN PER DRAINAGE PLAN G3
- RIP-RAP ENERGY DISSIPATION STRUCTURE PER DRAINAGE PLAN G3
- 36 X 36" PRECAST CATCH BASIN, W/ STORM DRAIN GRATE. PROVIDE 24" Ø OUTLET PIPE ROUTED INTO RETENTION BASIN W/ 1% MIN SLOPE. SEE DRAINAGE PLAN G3 FOR MORE INFO
- LAY BACK HILL SIDE AT AREAS BEING EXCAVATED FOR RETENTION/SEDIMENT POND. PROVIDE MAXIMUM SLOPE AS SHOWN. BUT DO NOT DISTURB JOSHUA TREES WHERE OCCURRING IN ACCORDANCE W/ ARBORIST LETTER
- DURING GRADING / CONSTRUCTION, CONTRACTOR TO INSTALL FIBER ROLLS PER CASQA BMP SE-5 ALONG AT-RISK DOWN-SLOPE ELEVATION TO KEEP SEDIMENT FROM REACHING STEEPER PORTIONS OF EXISTING LAND AND LEAVING THE SITE
- RETENTION BASIN / SEDIMENT BASIN PER CASQA BMP SE-2. W/ SIZE AS DEFINED BY DRAINAGE STUDY. SEE DRAINAGE PLAN G3 FOR ADDITIONAL INFORMATION
- PROPOSED DISTURBANCE AROUND JOSHUA TREE HAS BEEN AUTHORIZED BY LICENSED ARBORIST (ARBORPRO #WE-4587A). PER LETTER, PROVIDE ORANGE FENCING AT 7' DIAMETER AROUND EACH TREE
- DURING GRADING / CONSTRUCTION, CONTRACTOR TO PROVIDE STABILIZED CONSTRUCTION ENTRANCE / EXIT PER CASQA BMP TC-1 TO REDUCE AND/OR ELIMINATE TRACKING OF SEDIMENT ONTO PUBLIC STREET

EROSION AND SEDIMENT CONTROL BMPs:

- PROVIDE FIBER ROLLS WHERE INDICATED ON PLAN PER CASQA BMP SE-5.
- CONSTRUCT RETENTION BASIN / SEDIMENT BASIN WHERE INDICATED ON PLAN PER CASQA BMP SE-02
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE / EXIT WHERE INDICATED ON PLAN PER CASQA BMP TC-1
- MITIGATE WIND EROSION DURING GRADING AND CONSTRUCTION WITH WATER APPLICATION PER CASQA BMP WE-1

SAN BERNARDINO COUNTY SEDIMENT AND EROSION CONTROL NOTES

- Grading Notes:**
- All grading shall conform to the latest California Building Code (CBC) Chapters 17, 18 Appendix-J and all applicable sections.
 - A grading permit shall be obtained prior to commencement of any work on the site.
 - Issuance of a grading permit does not eliminate the need for permits from other regulatory agencies with regulatory responsibilities for construction activities associated with the work authorized in this plan.
 - All work under this permit shall be limited to work within the property lines. A separate construction, excavation or encroachment permit from the Department of Public Works may be required for any work within the County right-of-way.
 - Approval of these plans does not authorize any work or grading to be performed until the effective propertyowner's permission has been obtained and valid grading permit has been issued.
 - This plan is for grading purposes only and is not to be used for the purpose of constructing onsite or offsite improvements. Issuance of a permit based on this plan does not constitute approval of driveway locations or sizes, parking lot structural sections or layout, ADA related requirements, building locations or foundations, walls, curbing, offsite drainage facilities or other items not related directly to the basic grading operation. Onsite improvements shall be constructed in accordance to the approved building permit plans. Offsite improvements shall be constructed in accordance to plans approved for this purpose by the Public Works Department.
 - Maximum cut and fill slope = 2:1 (horizontal to vertical) and maximum vertical height = 30 feet, unless an approved geotechnical report can justify a steeper and taller slope.
 - No fill shall be placed on an existing ground until the ground has been cleared of weeds, debris, topsoil and other deleterious material.
 - Fill slopes shall not have less than 90% relative compaction, or as recommended on the approved geotechnical report.
 - It is the grading contractor's responsibility to ensure that adequate compaction has been attained on the entire grading site, including fill areas outside the building pads and on all fill slopes.
 - Unless otherwise recommended in an approved geotechnical report, over-excavation shall be at least 24 inches minimum below the bottom of footings or to complete native soil or bedrock materials, whichever is deeper, as approved by the project's geotechnical engineer or geologist.
 - Earthwork Volumes: Cut 4800 CY, Fill 2900 CY, Total Disturbed Area 124,000 (sf)
 - Earthwork quantities are shown for grading permit purposes only, and San Bernardino County is not responsible for their accuracy.
 - A copy of the grading permit and approved grading plans must be in the possession of a responsible person and available at the site at all times.
 - Any onsite retaining walls shown on the grading plans that are over 4' in height, measured from top of wall to bottom of footing, are for reference only. Retaining walls over 4' in height are not checked, permitted, or inspected per the grading permit. A separate retaining wall permit is required for all retaining walls over 4' in height.
 - Any walls, fences, structures and/or appurtenances adjacent to this project are to be protected in place. If grading operations damage or adversely affect said items in any way, the contractor and/or developer is responsible for working out an acceptable solution to the satisfaction of the affected property owners).
 - For sites with protected species or trees, the proposed grading may be subject to a separate permit.
 - Adequate fire access around buildings (including garages) should be provided as approved by County Fire.
 - Existing drainage courses shall not be obstructed, altered, or diverted without prior approval from the County of San Bernardino, Land Development Division. A streambed alteration agreement may also be required from the California Department of Fish and Wildlife.
 - Drainage easements shall not be obstructed, altered or diverted without prior approval of the County of San Bernardino, Land Development Division.
 - Setbacks and building locations shown on this plan are for reference only and must be reviewed and approved under a separate building permit.
 - Utility and septic improvements shown on this plan are for reference only and must be reviewed and approved under a separate building permit.
 - On projects disturbing one acre or more, the following note must be added: A Notice of Intent (NOI) has been, and will be filed with the State Water Resources Control Board (SWRCB) and a Storm Water Pollution Prevention Plan (SWPPP) has been or will be prepared in accordance with the requirements of California General Permit for storm water discharges associated with construction activity (Permit No. CAS000002) for all operations associated with these plans. The permittee shall keep a copy of the SWPPP on site and available for review by County.
 - In conjunction with the California General Permit for proposed disturbance over one acre, an active Wastewater Discharge ID # (WDD) must be included on the final grading plan.
 - For engineered grading, a final grading certification will be collected by the building inspector at the final building inspection or prior to grading final status on the permit. The final grading certification is to be completed by the Engineer of Record on the approved grading plans.
 - All flood zone requirements must be reflected or accounted for on the grading plans. Elevations or construction notes must be included in the plans to ensure compliance with all applicable first floor elevation requirements per FEMA and San Bernardino County Development Code guidelines.
 - For nonresidential projects, provide following note on plans:
California Green Building Standards Code (5.408.3 Excavated soil and land clearing debris)
 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. Exception: vegetation or soil contaminated by disease or pest infestation.
 1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (HYPERLINK "http://www.cdfa.ca.gov/esec/countycounty_contacts.htm" cts.html)
 2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

REVISION DATE	1ST PLAN CHECK 07-27-2023
2ND PLAN CHECK 10-30-2023	

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Ramberg West
 DESIGN AND ENGINEERING
 55 SAN SOVINO,
 LADERA RANCH, CA 92684
 253-640-6222

3RD SUBMITTAL
 BLDG. DEPARTMENT
 10-30-2023

ISO SELF-STORAGE
 7886 SHAFTER AVE
 YUCCA VALLEY, CA
 92284

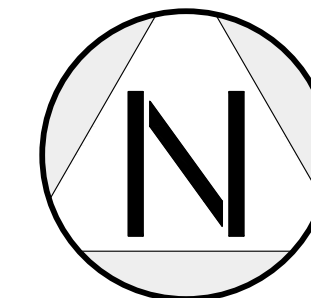
JOB:	2206
ORIG:	01-11-2023
DRAWN:	ER
SCALE:	1" = 20'-0"
SHEET:	GRADING PLAN
	G2
PAGE:	12 OF 14

IN THE COUNTY OF SAN BERNARDINO
DRAINAGE MAP
PROPOSED CONDITION
ISO SELF-STORAGE

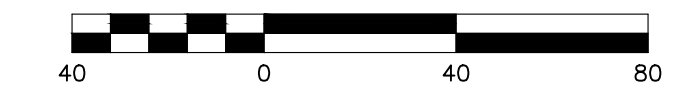
PORTION OF SECTION 5, TOWNSHIP 1 SOUTH, RANGE 5 EAST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA

SITETECH, INC.

MARCH, 2024



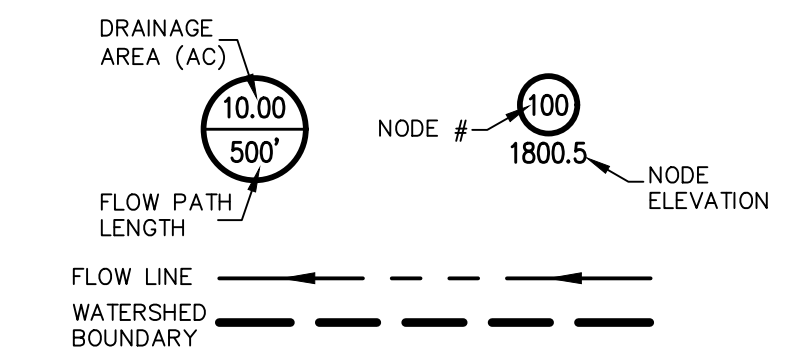
SCALE: 1"=40'



OWNER:
 JAY LOCH
 PO BOX 3398
 LANDERS, CA 92285
 PH: 208-800-2058

APPLICANT:
 ETHAN RAMBERG
 RAMBERG WEST, INC.
 53 SANSOVINO
 LADERA RANCH, CA 92694
 PH: 253-640-6222
 EMAIL: ETHAN.RAMBERG@GMAIL.COM

DRAINAGE LEGEND:

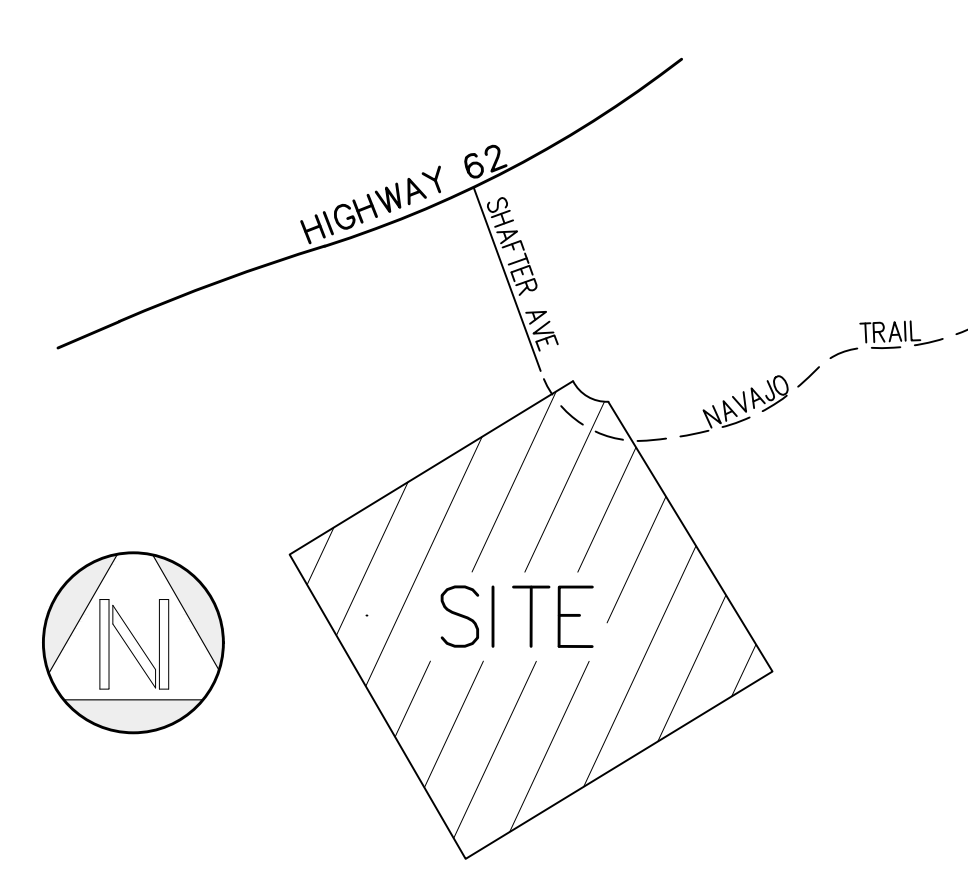


FLOW PROCESS CHART:

FROM NODE	TO NODE	FROM ELEV	TO ELEV	COUNTY METHOD* Q (CFS) 100 YR/1 HR	ACTUAL Q (CFS) 100 YR/1 HR
100	140	3610.0	3514.7	12.59	18.78
110	120	3553.5	3522.5	11.38	16.58
120	130	3520.0	3519.2	11.38	16.58
130	140	3519.2	3514.7	12.03	17.59
140	140	3514.7	3514.7	24.23	35.74

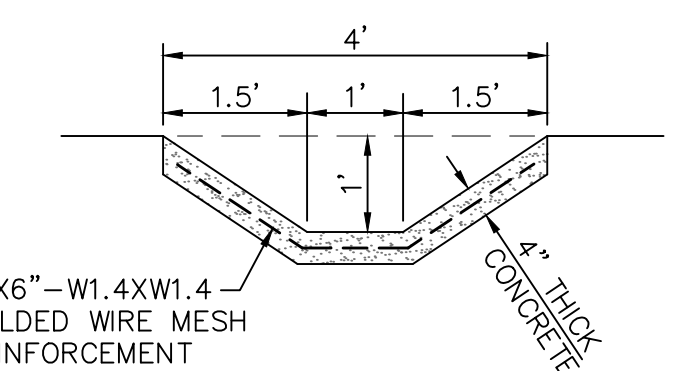
*COUNTY METHOD: FOR 100-YEAR STORM USE Q25 AMC II DATA

VICINITY MAP
 NO SCALE

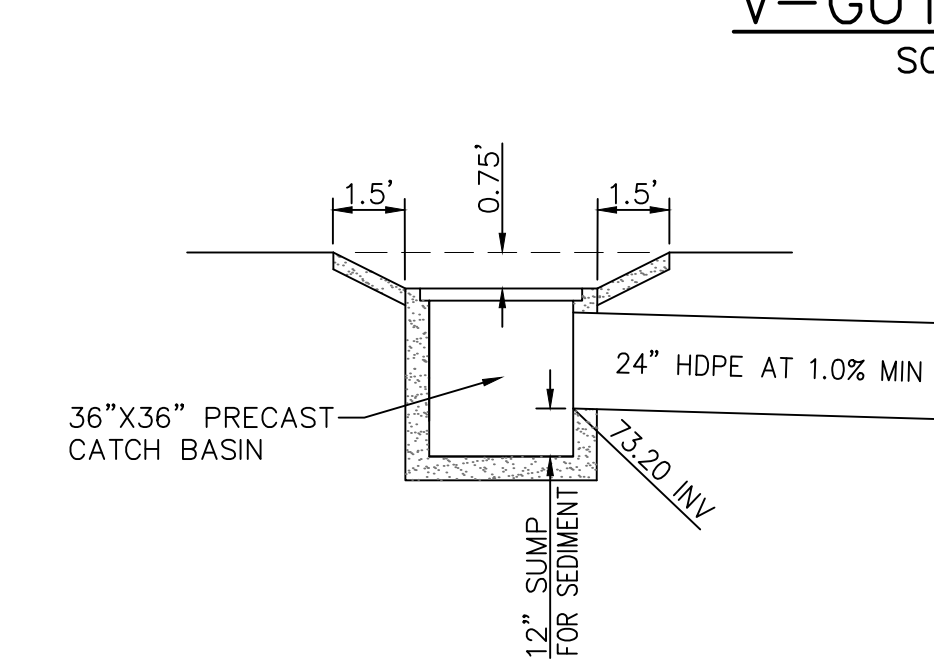


PROPOSED Q100(COUNTY METHOD) RUNOFF WITHOUT ANY MITIGATION AT NODE 140 = 24.23 C.F.S. EXISTING RUNOFF AT THIS SAME LOCATION IS 23.13 C.F.S. THE RETENTION BASIN WILL MITIGATE 3.63 C.F.S. OVER THE HOUR LONG STORM.

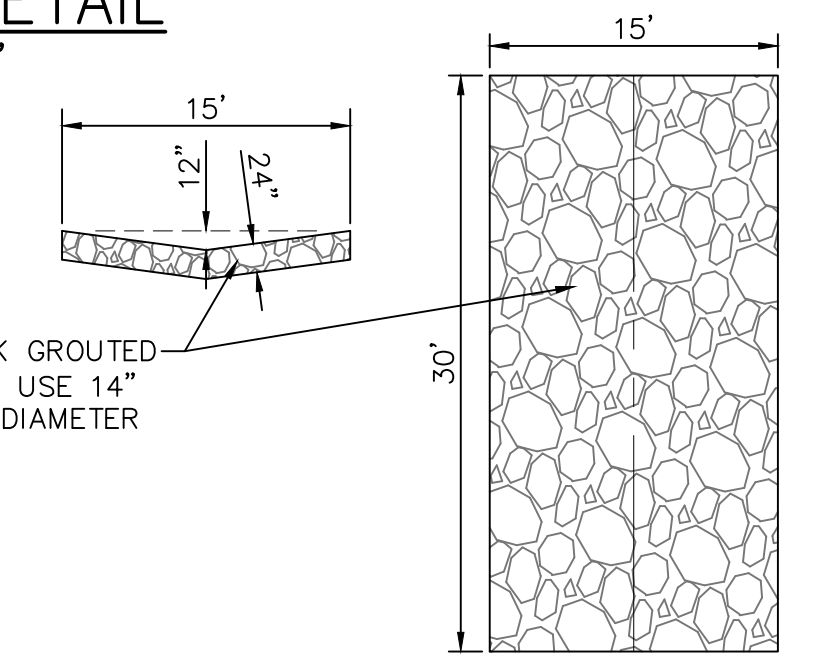
THE ADJUSTED RUNOFF: 24.23-3.63 = 20.60
 MITIGATION: 20.60/23.13 = 0.89 < 90% = OK



V-GUTTER DETAIL
 SCALE: 1"=2'



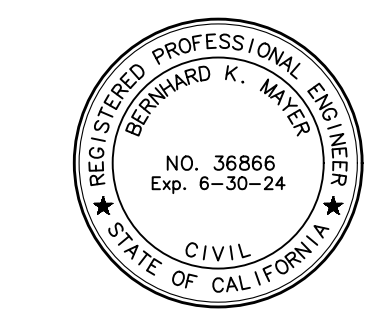
CATCH BASIN INLET DETAIL
 SCALE: 1"=4'



RIP-RAP DETAIL
 SCALE: 1"=10'

SHEET:
DRAINAGE PLAN
G3
 PAGE: 13 OF 14

A.P.N.: 0585-273-04



SITETECH INC.
 8061 CHURCH ST. HIGHLAND CA 92346 PO BOX 592
 PH: (909) 864-3180, FAX: (909) 864-0850

BERNHARD K. MAYER R.C.E. 36866 03/21/2024
 L.S. 7319 DATE

FOR REFERENCE ONLY

CONCRETE

- ALL CONCRETE SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE AND ACI 318.
- CONCRETE SHALL BE DESIGNED AND TESTED AS OUTLINED IN THE PROJECT SPECIFICATIONS.
- NO WATER SHALL BE ADDED ON SITE.
- ALL CEMENT SHALL CONFORM TO ASTM C150, APPROPRIATE CEMENT TYPE AND CONCRETE STRENGTH AND SHALL BE SELECTED BASED ON EXPOSURE TO SOILS AND OR MATERIALS CAUSING SULFATE ATTACK PER CSC TABLE 100.3.
- FINE AND COARSE AGGREGATE SHALL CONFORM TO ASTM C33 FOR STANDARD WEIGHT CONCRETE AND ASTM C330 FOR LIGHT WEIGHT CONCRETE.
- ALL AGGREGATE SHALL WELL GRADED AND SHRINKAGE SHALL BE AS PER ASTM C157 W/ THE AVERAGE DRYING SHRINKAGE AT 28-DAYS NOT EXCEEDING 0.04%.
- CHEMICAL ADMIXTURES SHALL CONFORM TO ASTM C494, HIGH RANGE WATER REDUCING (TYPE G) WHERE USED.
- AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C260 WHERE USED.
- DRYPACK SHALL BE COMPOSED OF ONE PART PORTLAND CEMENT TO NOT MORE THAN THREE PARTS SAND.
- ANCHOR BOLTS, HOLD-DOWN BOLTS, DOWELS, INSERTS, ETC. SHALL BE SECURELY TIED IN PLACE PRIOR TO PLACING CONCRETE.
- CONCRETE SHALL BE CURED BY KEEPING CONTINUOUSLY WET FOR 10-DAYS OR BY AN APPROVED CURING COMPOUND CONFORMING TO ASTM C1315, CLEAR TYPE I, CLASS A, WATERBORNE.
- CONCRETE STRENGTHS:
STRUCTURAL CONCRETE $f_c = 3,000$ psi
SLABS-ON-GRADE $f_c = 2,500$ psi
CONTINUOUS FOOTINGS AND PADS $f_c = 2,500$ PSI
WATER / CEMENT RATIO = 0.45
TYPE III CEMENT UNO
- ALL CONCRETE SHALL REACH MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS. PROVIDE CONCRETE MIX TO MEET ACI REQUIREMENTS FOR SULFATE EXPOSURE PER SITE SOIL TYPE. FIELD VERIFY.
- UNLESS NOTED OTHERWISE, FOOTINGS, FOUNDATIONS, AND SLABS ON GRADE DO NOT REQUIRE SPECIAL INSPECTION. HOWEVER ALL OTHER STRUCTURAL CONCRETE W/ SPECIFIED f_c GREATER THAN 2,500 psi SHALL HAVE SPECIAL INSPECTION PER SECTION 1104 OF THE CALIFORNIA BUILDING CODE UNLESS NOTED OTHERWISE.
- CONCRETE FOR EXTERIOR SLABS ON GRADE SHALL HAVE A MAXIMUM OF 4" OF SLUMP PER ASTM C143. MAXIMUM WATER TO CEMENT RATIO=0.45. EXTERIOR SLABS TO BE DESIGNED FOR "SEVERE EXPOSURE" PER SECTION 4.2.1 OF ACI 318-11.

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STRUCTURAL STEEL

- ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE FIFTEENTH EDITION OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS AND ALL ITS SUPPLEMENTS, AND TO THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- ALL STRUCTURAL WIDE FLANG STEEL SHAPES SHALL HAVE A MIN. YIELD STRENGTH OF 50,000 psi. UNLESS NOTED OTHERWISE.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM-36 HAVING A MINIMUM YIELD STRENGTH OF 36,000 psi. UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS, EXCEPT AS NOTED ON PLANS AND DETAILS, SHALL BE BOLTED OR WELDED CONNECTIONS AS SHOWN IN THE FIFTEENTH EDITION OF THE AISC MANUAL. ALL BEAM CONNECTIONS SHALL DEVELOP THE FULL UNIFORM LOAD CAPACITY THE MEMBER CAN CARRY WITH DUE CONSIDERATION TO CONCENTRATED LOADS AT THE ENDS OF THE MEMBER.
- ALL BOLTED CONNECTIONS SHALL USE N_A MINIMUM ASTM A325 HIGH STRENGTH BOLTS, U.N.O. NO CONNECTION SHALL BE MADE USING LESS THAN TWO BOLTS.
- WELDING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "STRUCTURAL WELDING CODE", AWS D1.1 OF THE AMERICAN WELDING SOCIETY. ALL SHOP AND FIELD WELDING SHALL BE DONE BY CERTIFIED WELDERS QUALIFIED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY STANDARDS. ALL WELDED CONNECTIONS SHALL BE PERFORMED USING E70XX ELECTRODES.
- ALL ANCHOR BOLTS SHALL BE ASTM A-307. ANCHOR BOLT LENGTHS SHOWN ARE EMBEDDED LENGTHS.
- STRUCTURAL STEEL TUBING SHALL BE ASTM A500.
- SHOP PAINTING - ONE COAT RUSTOLEUM #678 OR EQUAL. PREPARATION FOR PAINTING SHALL CONFORM TO REQUIREMENTS OF SSPC-SP2.

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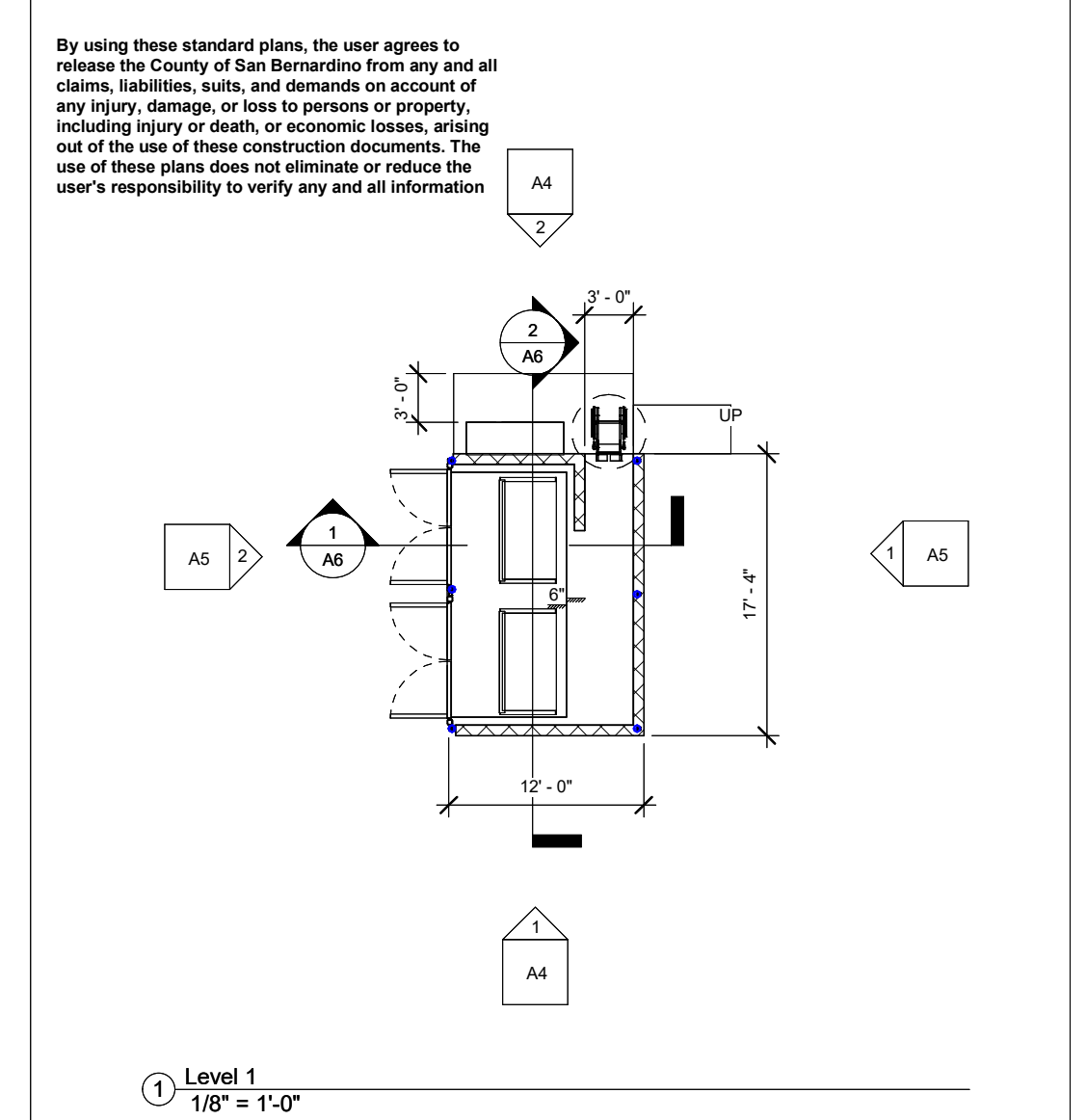
MASONRY

- ALL MASONRY CONSTRUCTION SHALL CONFORM TO THE CURRENT PROVISIONS OF THE BUILDING CODE REGULATIONS FOR MASONRY STRUCTURES - ACI 530 (ASCE 5), AND SPECIFICATIONS FOR MASONRY STRUCTURES - ACI 531 (ASCE 6).
- ASSUME COMPRESSIVE STRENGTH OF MASONRY: $f_m = 1350$ psi @ 28 DAYS.
- ALL CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N-1, NORMAL WEIGHT.
- MORTAR FOR ALL WORK SHALL BE TYPE S.
- GROUT FOR FILLING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f_c) OF 2000 psi AND SHALL CONFORM TO ASTM C795 GRADE GROUT FILL IN 4" MAXIMUM LIFTS VERTICALLY.
- ALL REINFORCING BARS FOR REINFORCED MASONRY CONSTRUCTION SHALL CONFORM TO ASTM A-615 GRADE 60. LAP LENGTH SHALL BE MINIMUM 40 BAR DIAMETERS.
- PROVIDE 100% SOLID MASONRY BELOW ALL LINTEL BEARINGS 12" BEYOND THE OPENING FOR THE FULL WALL WIDTH AT ALL LEVELS FROM THE LINTEL BEARING TO THE FLOOR BELOW.
- PROVIDE ONE (8) COURSE OF SOLID MASONRY AT JOIST AND BEAM BEARING LINES, UNLESS NOTED OTHERWISE.
- BRACE AND SHORE ALL MASONRY WALLS AS REQUIRED THROUGHOUT THE COMPACTION AND CONSTRUCTION PROCESS UNTIL THE GROUND FLOOR SLAB AND SUPPORTING FLOORS OR ROOF HAVE BEEN COMPLETELY INSTALLED.

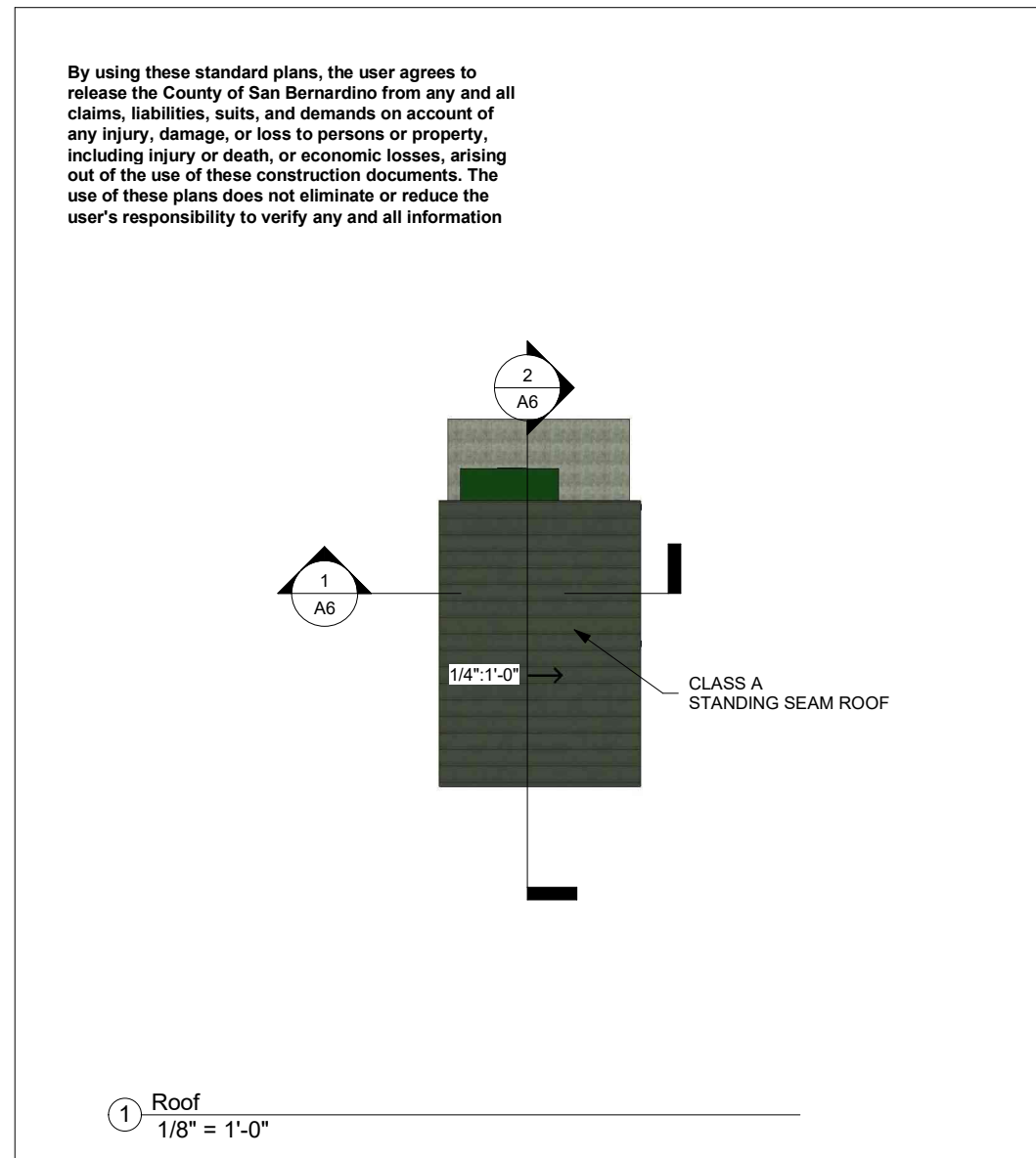
REINFORCING STEEL

- ALL REINFORCING SHALL BE ASTM A615, GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 FLAT SHEETS NOT ROLLS. LAP 1-1/2" SPACES, 9" MINIMUM FOR STRUCTURAL SLABS.
- ALL BARS SHALL BE DEFORMED AS PER ASTM A305.
- ALL BARS SHALL BE CLEAN OF LOOSE FLAKY RUST, GREASE OR OTHER MATERIALS LIKELY TO IMPAIR BOND.
- ALL BENDS SHALL BE MADE COLD.
- SPlicing OF BARS SHALL HAVE LAPS OF 30 BAR DIAMETERS OR 2'-0" MINIMUM FOR ALL CONTINUOUS REINFORCEMENT OF FOOTINGS AND CONCRETE WALLS, UNLESS OTHERWISE NOTED ON PLANS. MASONRY REINFORCEMENT SHALL HAVE LAPS OF 40 BAR DIAMETERS OR 2'-0", WHICHEVER IS GREATER.
- ALL REINFORCING BARS SHALL BE ACCURATELY AND SECURELY PLACED BEFORE PLACING CONCRETE.
- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AT LEAST EQUAL TO THE DIAMETER OF THE BARS. MINIMUM COVER SHALL BE AS FOLLOWS:
A. POURED AGAINST EARTH 1"
B. SLABS ON GRADE (FROM TOP OF SLAB) 1"
C. WALLS - EXPOSED TO WEATHER 2"
NOT EXPOSED TO WEATHER #11 AND SMALLER 1"

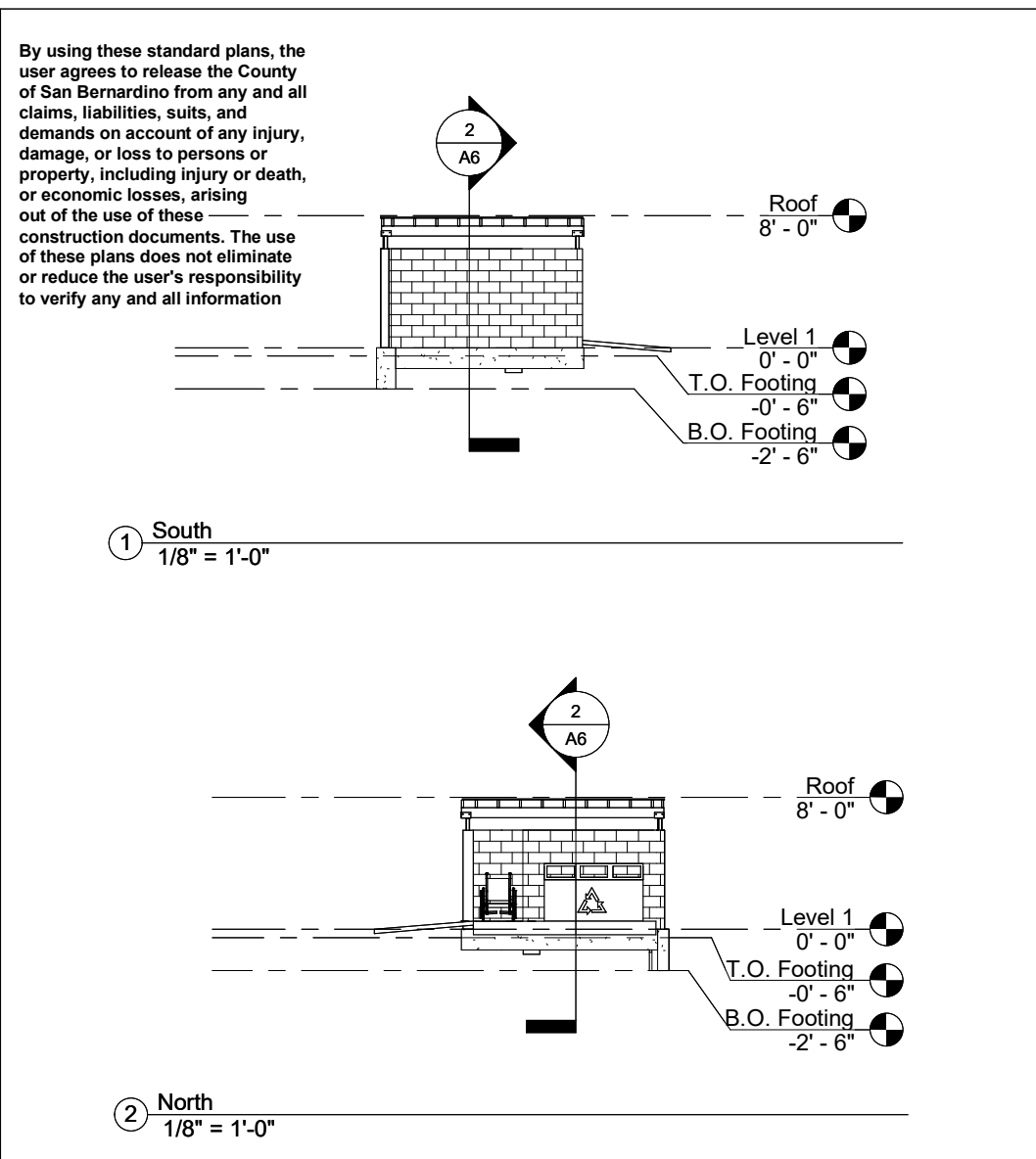
www.sbcounty.gov	SB County 12x17'-4" Enclosure	General Notes		A1.2
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		Checked by	Checker	Scale



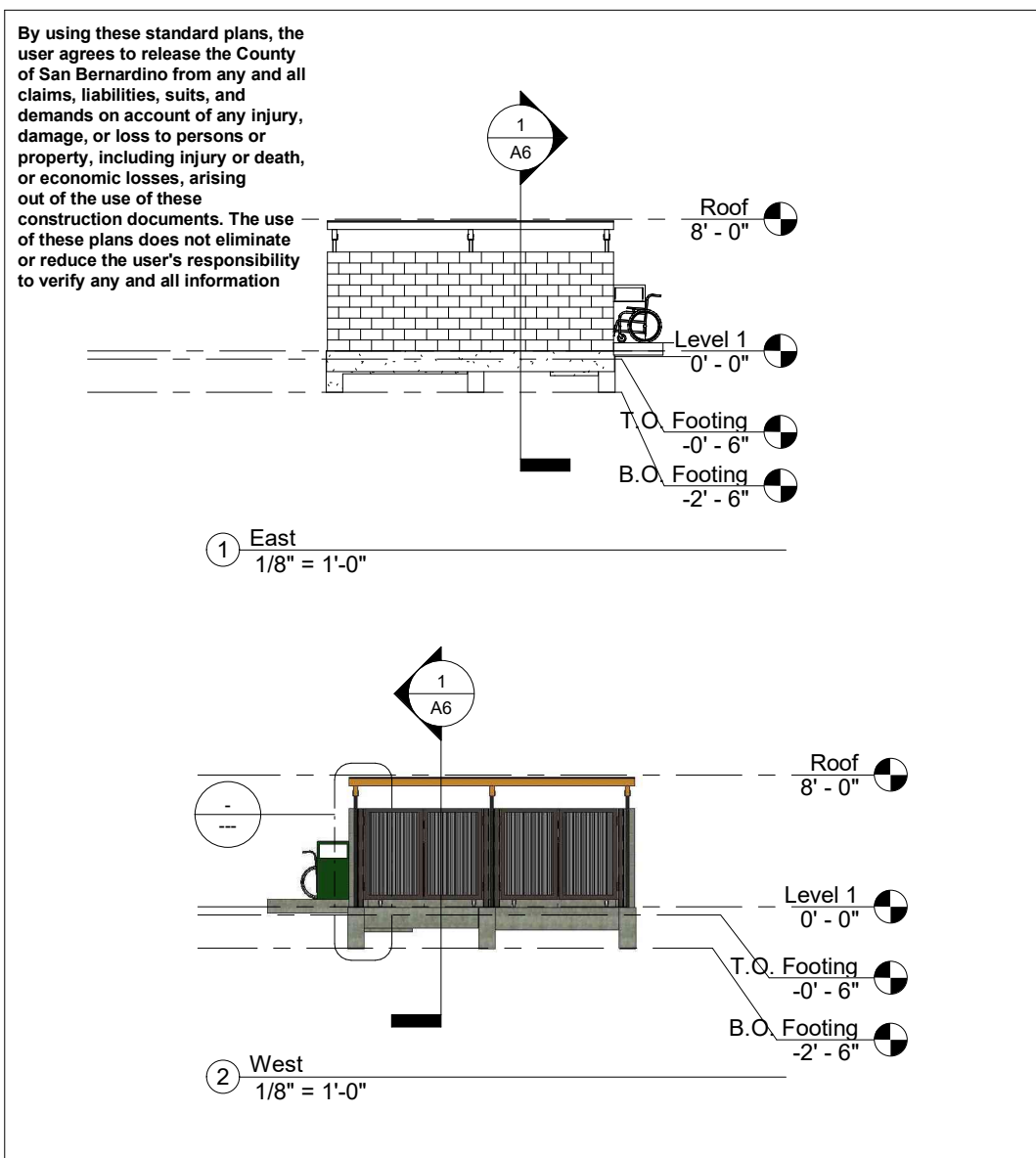
www.sbcounty.gov	SB County 12x17'-4" Enclosure	First Floor		A2
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		Date	Issue Date	
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		Checked by	Checker	Scale 1/8" = 1'-0"



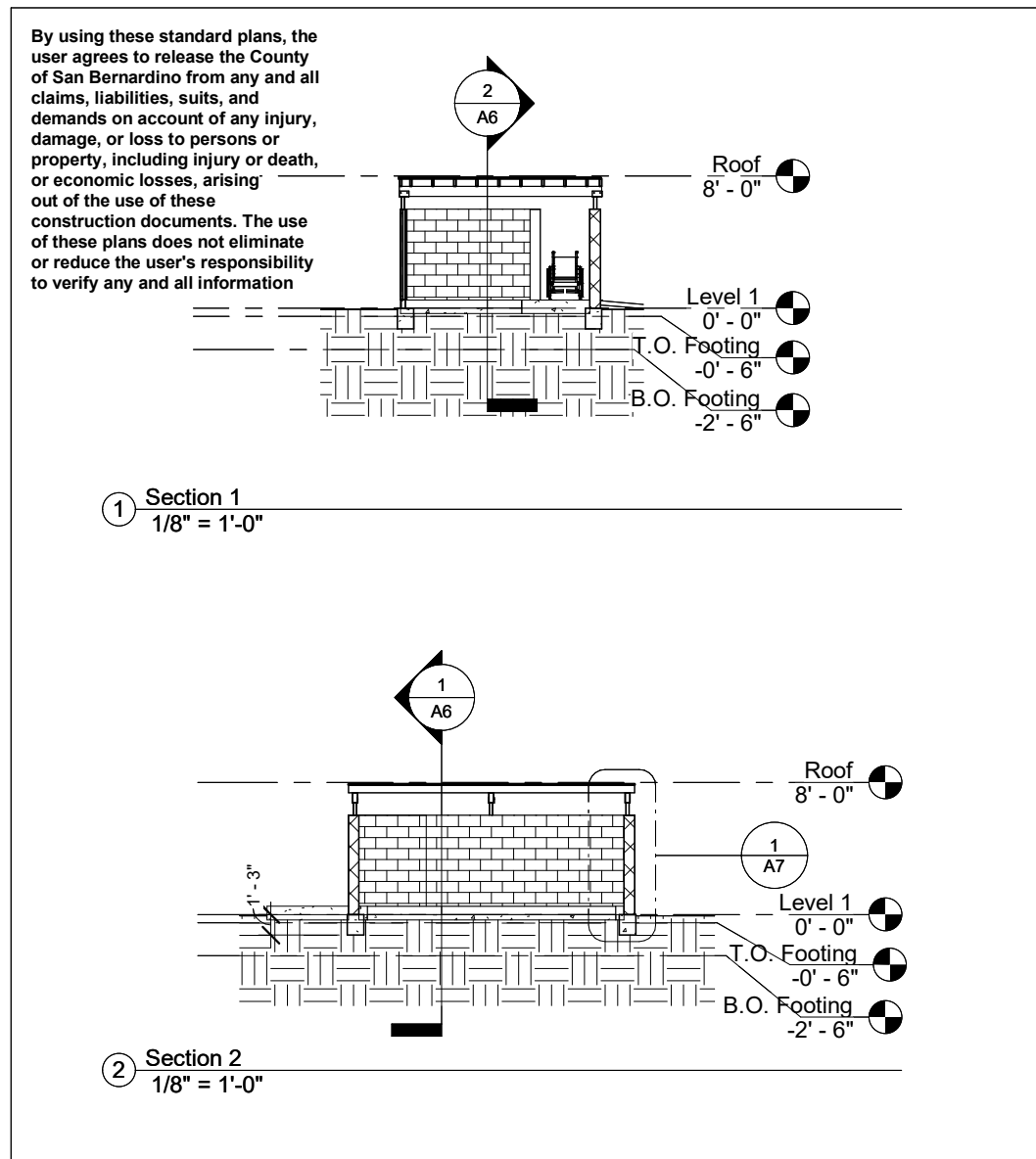
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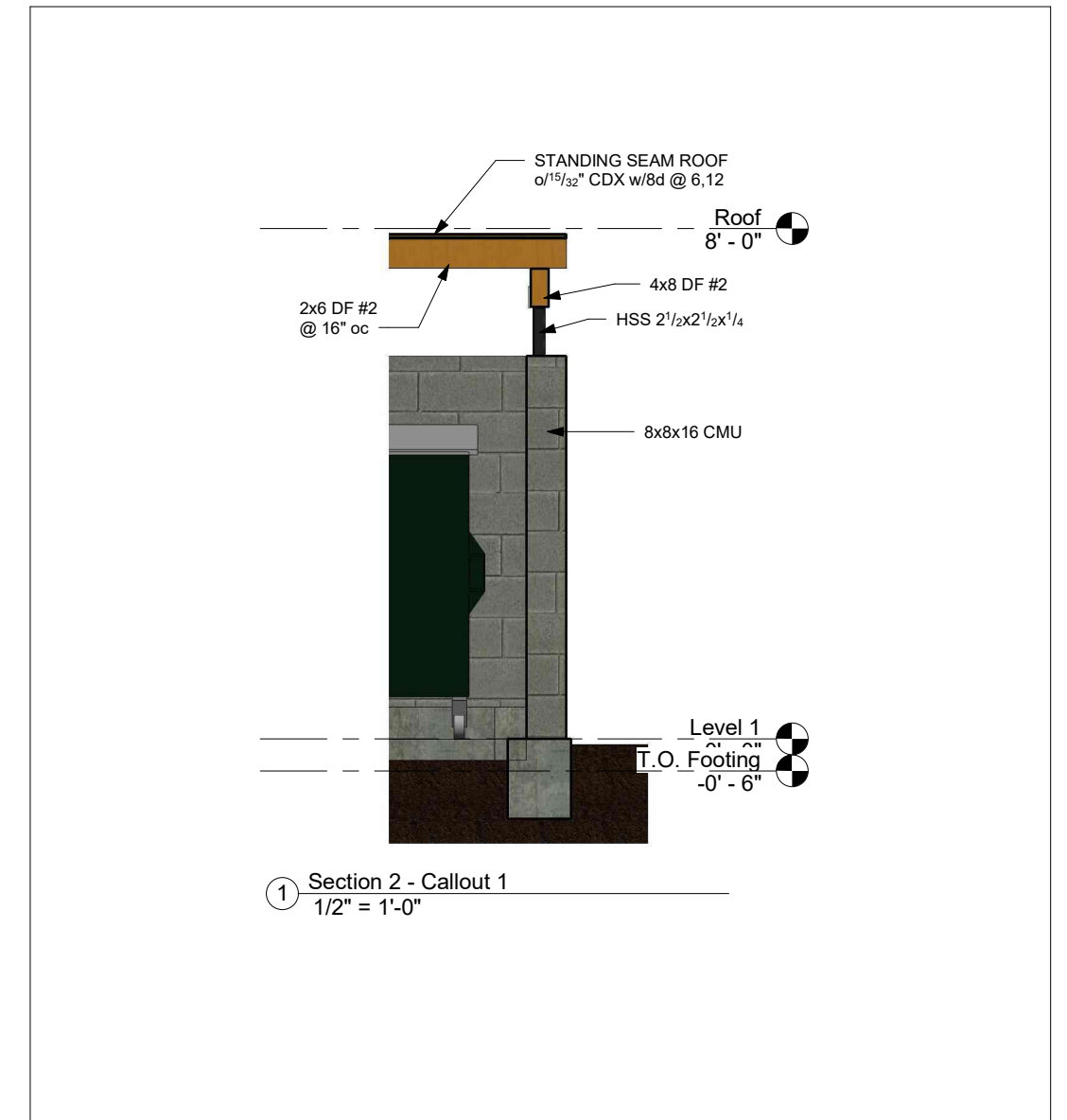
www.sbcounty.gov	SB County 12x17'-4" Enclosure	Elevations		A4
		Project number	Project Number	
		Date	Issue Date	
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		Checked by	Checker	Scale 1/8" = 1'-0"



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		Project number	Project Number	
		Date	Issue Date	
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www.sbcounty.gov	SB County 12x17'-4" Enclosure	Building Sections		A6
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		Date	Issue Date	
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		Checked by	Checker	Scale 1/8" = 1'-0"



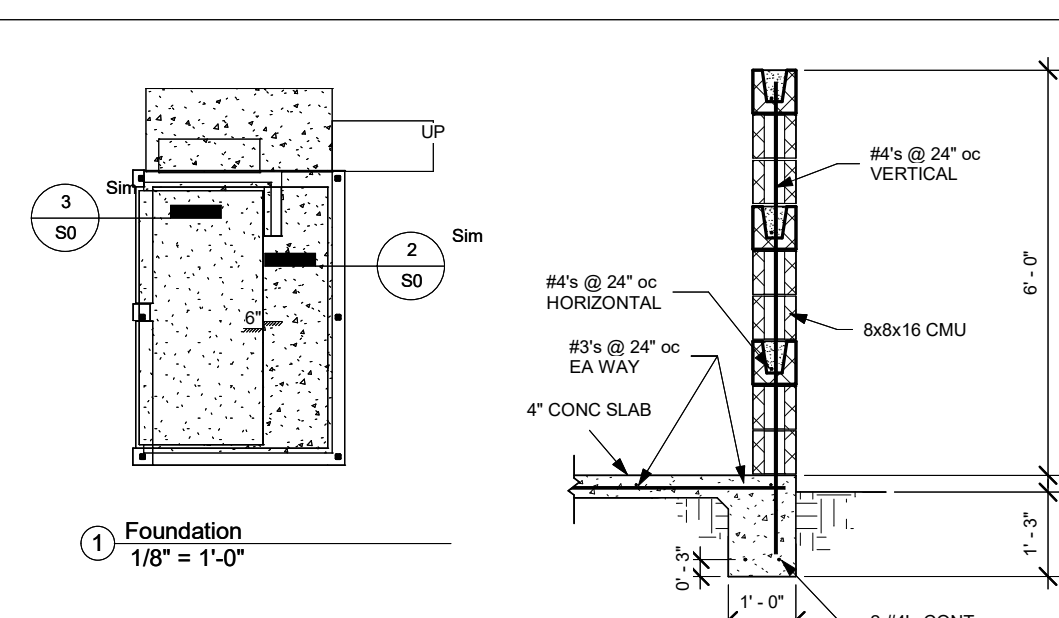
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		Date	Issue Date	
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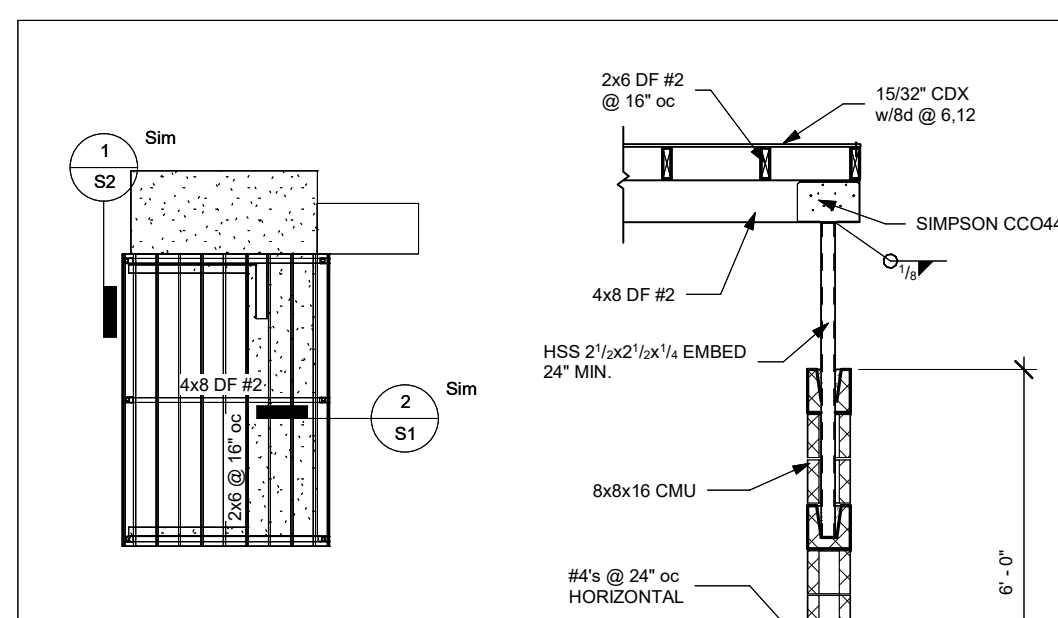
www.sbcounty.gov	SB County 12x17'-4" Enclosure	Building Perspectives		A9
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		Date	Issue Date	
		Drawn by	Author	
		Checked by	Checker	Scale



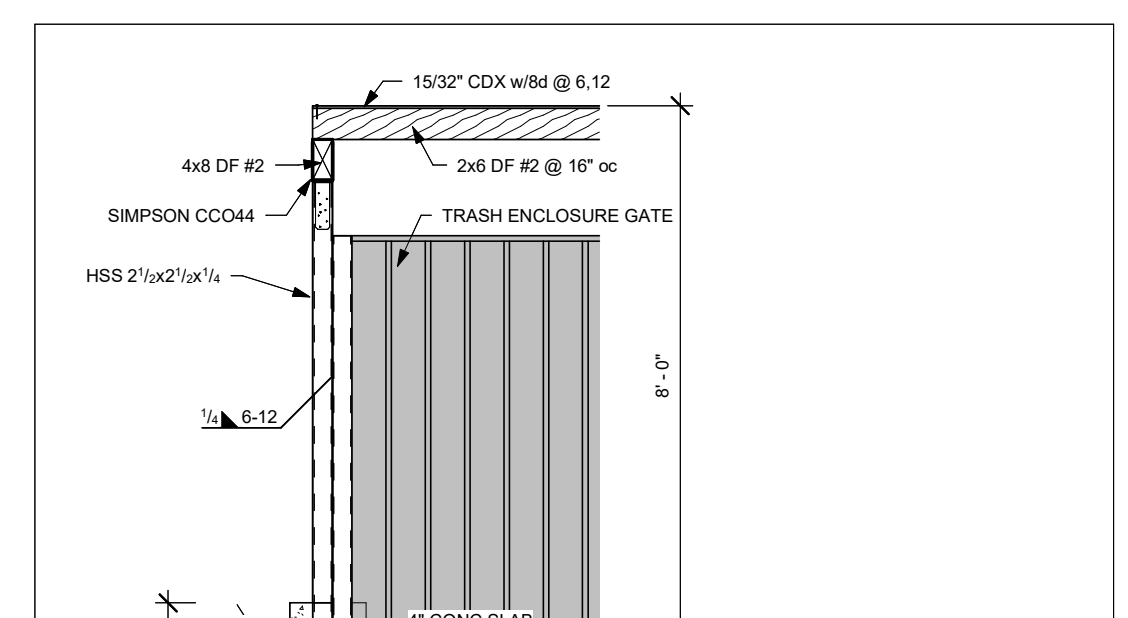
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		Date	Issue Date	
		Drawn by	Author	
		Checked by	Checker	Scale



www.sbcounty.gov	SB County 12x17'-4" Enclosure	Foundation		S0
		Project number	Project Number	
		Date	Issue Date	
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		Checked by	Checker	Scale As Indicated



www.sbcounty.gov	SB County 12x17'-4" Enclosure	Roof Framing		S1
		Project number	Project Number	
		Date	Issue Date	
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		Checked by	Checker	Scale As Indicated



www.sbcounty.gov	SB County 12x17'-4" Enclosure	Details		S2
		Project number	Project Number	
		Date	Issue Date	
		Drawn by	Author	
		Checked by	Checker	Scale 1/2" = 1'-0"

REVISION DATE

2ND PLAN CHECK 10-30-2023

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STAMP:
REGISTERED PROFESSIONAL ENGINEER
No. C-86797
STATE OF CALIFORNIA

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3RD SUBMITTAL
BLDG. DEPARTMENT
10-30-2023

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YUCCA VALLEY, CA
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JOB: 2206
ORIG: 01-11-2023
DRAWN: ER
SCALE: SEE DETAIL
SHEET: TRASH ENCLOSURE PER COUNTY STANDARD
G4
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