

SHIPPER'S TRANSPORT EXPRESS CONDITIONAL USE PERMIT 2149 E. SEPULVEDA BLVD. CARSON, CA

SITE DATA:

ASSESSOR'S PARCEL NUMBER (APN) : 7315-020-019

PROPERTY ADDRESS : 2149 E. SEPULVEDA BLVD.
CARSON, CA. 90810

PROPERTY OWNER : TESORO LOGISTICS OPERATIONS LLC

ZONING DISTRICT : MH-D
(MANUFACTURING HEAVY-DESIGN OVERLAY)

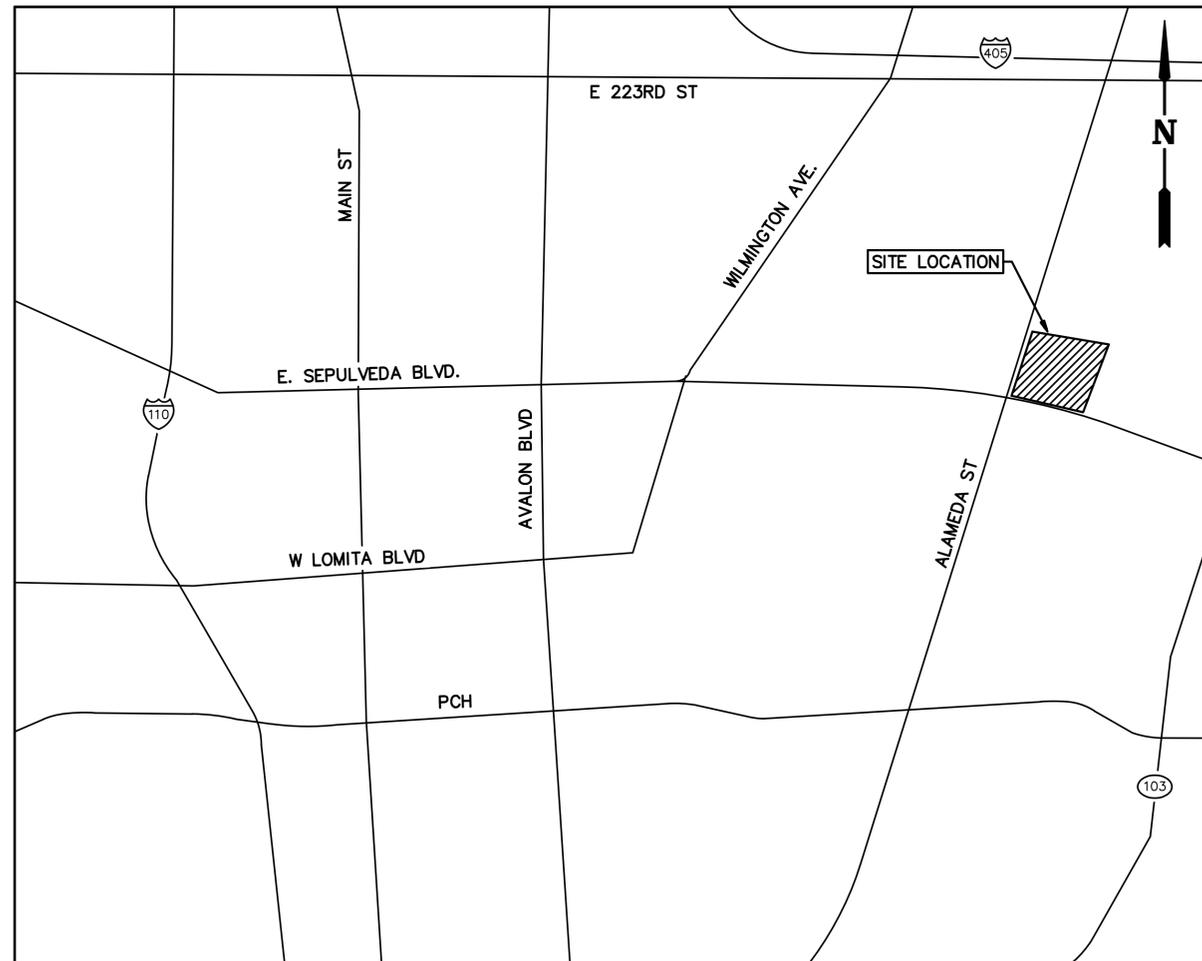
GENERAL PLAN DESIGNATION : HEAVY INDUSTRIAL

PROPERTY SQUARE FOOTAGE :

LOT 1 : 11.85 ACRES (507,474 S.F.)
LOT 2 : 20.02 ACRES (872,071 S.F.)
LOT 3 : 2.63 ACRES (114,582.8 S.F.)
LOT 4 : 6.14 ACRES (267,458.4 S.F.)
TOTAL : 40.44 ACRES (1,761,586.2 S.F.)

PROJECT SQUARE FOOTAGE :

LOT 2 (THIS PROJECT ONLY) : 20.02 ACRES (872,071 S.F.)



SITE LOCATION
SCALE: N.T.S.

PROJECT DATA:

CONDITIONAL USE PERMIT (CUP) NO. : 1093-19
DESIGN OVERLAY REVIEW (DOR) NO. : 1770-19

SITE TENANT : SHIPPER'S TRANSPORT EXPRESS
SITE TENANT CONTACT : BRENDA GUTIERREZ
EMAIL : BRENDA.GUTIERREZ@SHIPPERSTRANSPORT.COM
PHONE : 562-424-5525

PROJECT MANAGER : BOB REBHOLZ
SPEC SERVICES, INC.
PHONE : (714) 963-8077 EXT. 1129

PROJECT DESCRIPTION:

CONDITIONAL USE PERMIT (CUP) FOR TRUCK AND CARGO CONTAINER STORAGE/PARKING AND INSTALLATION OF (4) MODULAR ENCLOSURES (2 GUARD SHACKS, 1 GUARD STATION & 1 RESTROOM FACILITY) ON EXISTING 20.02 ACRE SITE LOCATED AT 2149 E. SEPULVEDA BLVD.

- SITE TO ALSO INCLUDE:
- (A) 704 SHIPPING CONTAINER SPACES (12'X40')
 - (B) 66 TRUCK PARKING SPACES (12'X25')
 - (C) 5 STANDARD VEHICLE PARKING SPACES (9'X20')

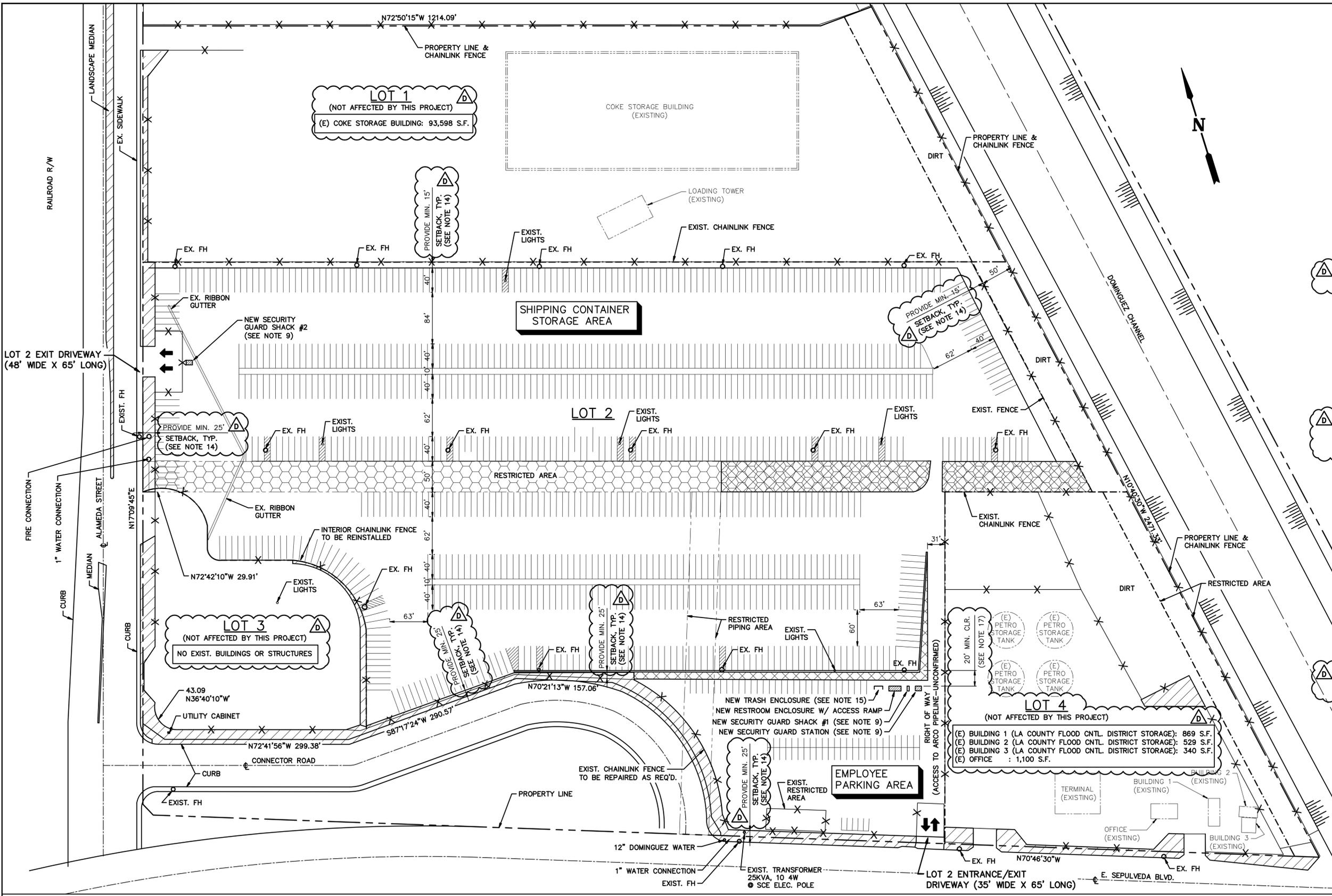
**RE-ISSUED FOR PLAN CHECK
09/25/19**



REV	DATE	AUTH	PROJ ENGR	DESCRIPTION	BY	CHK	APR
B	09/25/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
A	07/24/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR

TESORO LOGISTICS OPERATIONS LLC			
COVER SHEET 2149 E. SEPULVEDA BLVD.			
GRID:	TYPE: 1	SUBTYPE:	
DWG NO.	2149 CUP-COVER	REVISION	B

INDEX REV INDEXREV



LOTS AND BUILDING / ENCLOSURE AREAS:

LOT 2 AREA (THIS PROJECT):
 SHIPPING CONTAINER STORAGE & EMPLOYEE PARKING AREAS: (20.02 ACRES)

ENCLOSURES:
 SECURITY GUARD SHACK #1 (3.5'x8'): 28 SF
 SECURITY GUARD SHACK #2 (3.5'x8'): 28 SF
 (FOR SECURITY GUARD SHACK #1 & #2 FLOOR PLAN & ELEVATIONS, SEE DRAWING CUP-0005)

SECURITY GUARD STATION (7.5'x10'): 75 SF
 (FOR SECURITY GUARD STATION FLOOR PLAN & ELEVATIONS, SEE DRAWING CUP-0005)

RESTROOM ENCLOSURE (8'x20'): 160 SF
 (FOR RESTROOM ENCLOSURE FLOOR PLAN AND ACCESS RAMP, SEE ATTACHED MANUFACTURER DRAWINGS).

GENERAL NOTES:

- SITE LOCATION IS COMPLETELY BUILT OUT TO ACCOMMODATE A TRUCK SHIPPING YARD. NO GRADING IS REQUIRED.
- EVERYTHING SHOWN IS EXISTING, EXCEPT AS IDENTIFIED. EXISTING STRIPING TO BE MODIFIED, AND RE-STRIPED AS REQUIRED.
- THERE ARE EXISTING STORM DRAIN SYSTEMS ON-SITE, AND SOME DRAINAGE INTO LANDSCAPE AREAS.
- THE YARD IS COMPLETELY PAVED WITH ASPHALT BETWEEN THE PERIMETER FENCING. TENANT SHALL REPAIR AND/OR PATCH PARKING & CONTAINER STORAGE AREAS AS REQUIRED.
- THE SITE HAS EXISTING LANDSCAPING IN THE AREA SHOWN. SITE LANDSCAPING INCLUDES TREES, BUSHES, AND GROUND COVER. THE PARKWAY ON ALAMEDA AND SEPULVEDA ARE LANDSCAPED WITH TREES.
- THERE ARE NO TRUCK DOCKS OR RAMPS.
- THERE ARE EXISTING UTILITY & LIGHT POLES ALONG THE STREET FRONTAGE. THERE ARE NO UTILITY POLES ON THE CONNECTOR ROAD.
- THE FOUR LOTS HAVE SOME ABOVE AND BELOW GROUND UTILITIES.
- GUARD SHACKS AND GUARD STATION ARE SINGLE OCCUPANCY STRUCTURES AND SHALL BE SUPPORTED ABOVE STANDARD CURB HEIGHT ON PERMANENT FOUNDATIONS 8 INCHES ABOVE PAVEMENT AND ARE EXEMPT FROM ADA REQUIREMENTS. BUILDING PERMITS SHALL BE OBTAINED PER CMC SECTION 9148.6(B)(4)(f).
- WATER SERVICE IS AVAILABLE ON ALAMEDA AND SEPULVEDA.
- REFER TO DRAWINGS S-0 THRU S-3 FOR STAIR AND RAMP PLANS AND DETAILS.
- ALL EXISTING FENCING WILL BE REPAIRED OR RE-INSTALLED AS REQUIRED AND PRIVACY SLATS SHALL BE INSTALLED ON ALL PROPERTY FENCING TO SCREEN FROM PUBLIC VIEW ADJACENT TO ANY PUBLIC RIGHT-OF-WAY.
- NO STACKING OF CONTAINERS WILL OCCUR ON-SITE.
- TENANT TO PROVIDE MINIMUM SETBACK AS NOTED ON THIS DRAWING IN ACCORDANCE WITH CMC SECTION 9148.6.
- TRASH ENCLOSURE SHALL BE ENCLOSED ON 3 SIDES WITH WALLS WITH A MINIMUM OF 4.5'W X 6'L X 6'T DIMENSIONS IN ACCORDANCE WITH CMC SECTIONS 9164.3 & 9164.5.
- PARKING SPACES SHOWN ARE FOR GRAPHICAL REPRESENTATION ONLY AND IS BASED ON RECORD DATA PROVIDED BY THE OWNER AND IS NOT INTENDED TO BE USED AS A STRIPING PLAN.
- CARGO CONTAINERS SHALL NOT BE STORED WITHIN FIVE (5) FEET OF ANY REQUIRED SCREENING WALL NOR WITHIN TWENTY (20) FEET OF ANY STRUCTURE OR BUILDING.

LEGEND:

- FH FIRE HYDRANT
- ENTRANCE / EXIT
- EXISTING FENCE
- PROPOSED LOT LINES
- PROPERTY LINE
- EXISTING LANDSCAPE
- SOME LANDSCAPING, NO IRRIGATION
- RESTRICTED UTILITY AREA

RE-ISSUED FOR PLAN CHECK
09/25/19

THIS DRAWING IS A COLLECTION OF RECORD DATA PROVIDED BY THE OWNER. THE INFORMATION PROVIDED HEREIN HAS NOT BEEN VERIFIED BY SPEC SERVICES, INC. FOR ACCURACY OR CORRECTNESS AND IS SOLELY INTENDED FOR THE PLAN CHECK PROCESS.

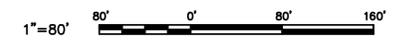


REV	DATE	AUTH	PROJ ENGR	DESCRIPTION	BY	CHK	APR
D	09/25/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
C	07/24/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
B	05/23/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
A	01/27/11	-	S. MUI	PLANNING DEPARTMENT SUBMITTAL	-	-	-

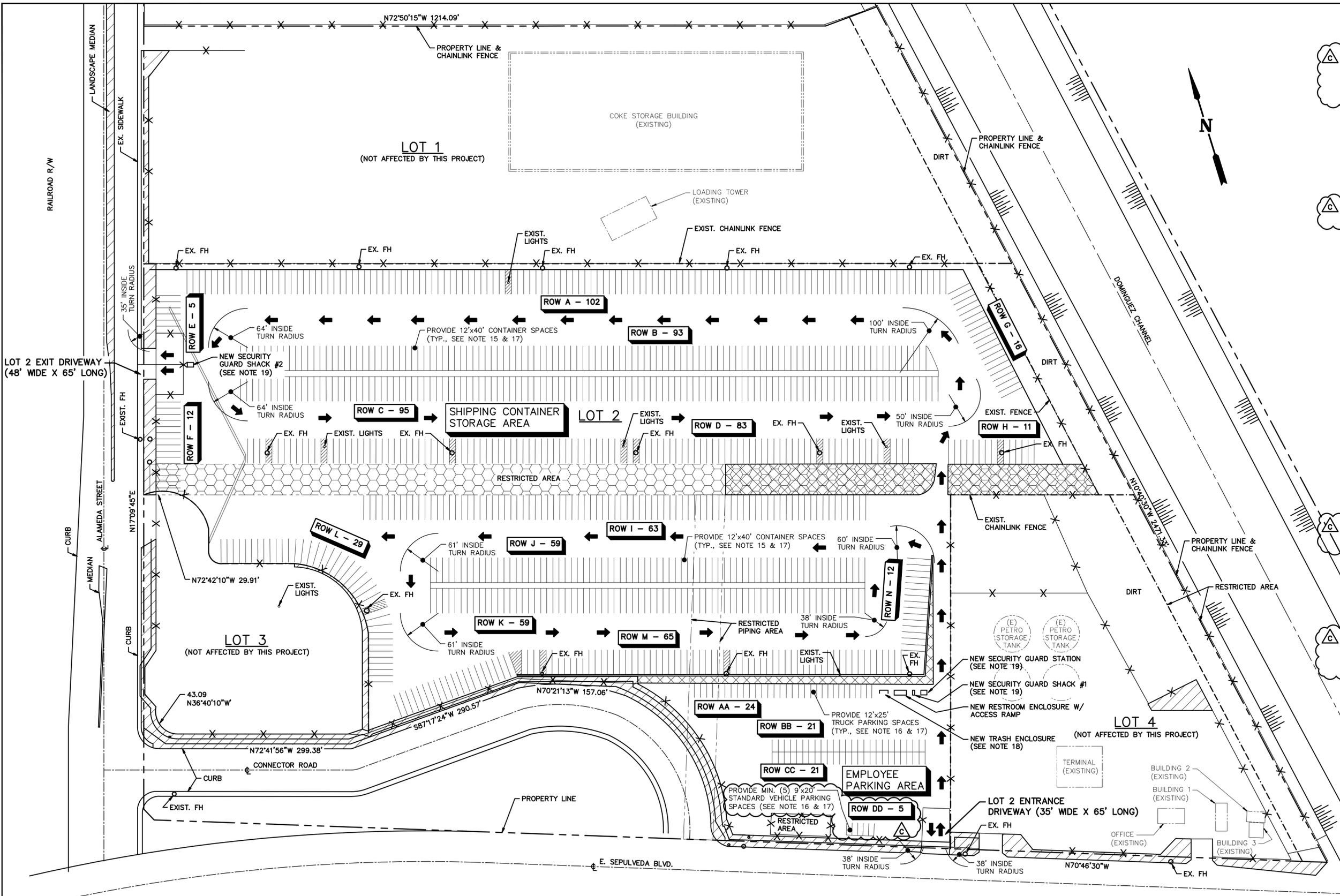
TESORO LOGISTICS OPERATIONS LLC

PLOT PLAN
 CUP
 2149 E. SEPULVEDA BLVD.

GRID: TYPE: 1 SUBTYPE:
 DWG NO. 2149 CUP-0003 REVISION D



INDEX REV INDEXREV



SHIPPING CONTAINER SPACES:
 CONTAINER (12'x40') - 704 TOTAL SPACES

PARKING SPACES:
 TRUCK (12'x25') - 66 TOTAL SPACES
 STANDARD VEHICLE (9'x20') - 5 TOTAL SPACES*

*PER CMC SECTION 9162.21, A MINIMUM 5 STANDARD VEHICLE PARKING SPACES ARE REQUIRED.

- GENERAL NOTES:**
- SITE LOCATION IS COMPLETELY BUILT OUT TO ACCOMMODATE A TRUCK SHIPPING YARD. NO GRADING IS REQUIRED.
 - EVERYTHING SHOWN IS EXISTING, EXCEPT AS IDENTIFIED. EXISTING STRIPING TO BE MODIFIED, AND RE-STRIPED AS REQUIRED.
 - THERE ARE EXISTING STORM DRAIN SYSTEMS ON-SITE, AND SOME DRAINAGE INTO LANDSCAPE AREAS.
 - THE YARD IS COMPLETELY PAVED WITH ASPHALT BETWEEN THE PERIMETER FENCING. TENANT SHALL REPAIR AND/OR PATCH PARKING & CONTAINER STORAGE AREAS AS REQUIRED.
 - THE SITE HAS EXISTING LANDSCAPING IN THE AREA SHOWN. SITE LANDSCAPING INCLUDES TREES, BUSHES, AND GROUND COVER. THE PARKWAY ON ALAMEDA AND SEPULVEDA ARE LANDSCAPED WITH TREES.
 - THERE ARE NO TRUCK DOCKS OR RAMPS.
 - THERE ARE EXISTING UTILITY & LIGHT POLES ALONG THE STREET FRONTAGE. THERE ARE NO UTILITY POLES ON THE CONNECTOR ROAD.
 - THE FOUR LOTS HAVE SOME ABOVE AND BELOW GROUND UTILITIES.
 - ALL PARKING/STORAGE SPACES SHALL BE 12' WIDE.
 - WATER SERVICE IS AVAILABLE ON ALAMEDA AND SEPULVEDA.
 - REFER TO DRAWINGS S-0 THRU S-3 FOR STAIR AND RAMP PLANS AND DETAILS.
 - ALL EXISTING FENCING WILL BE REPAIRED OR RE-INSTALLED AS REQUIRED AND PRIVACY SLATS SHALL BE INSTALLED ON ALL PROPERTY FENCING TO SCREEN FROM PUBLIC VIEW ADJACENT TO ANY PUBLIC RIGHT-OF-WAY.
 - NO STACKING OF CONTAINERS WILL OCCUR ON-SITE.
 - TENANT TO PROVIDE MINIMUM SETBACK AS NOTED / DIMENSIONED ON DWG. 2149 CUP-003.
 - LOT STRIPING LAYOUT SHOWN IS FROM RECORD DATA DRAWINGS PROVIDED BY THE OWNER. OWNER SHALL PROVIDE 12' X 40' STORAGE CONTAINER SPACES (CMC SECTION 9162.64 REQUIRES MINIMUM 12' X 33' SPACES)
 - LOT STRIPING LAYOUT SHOWN IS FROM RECORD DATA DRAWINGS PROVIDED BY THE OWNER. OWNER SHALL PROVIDE 12' X 25' TRUCK PARKING SPACES & 9' X 20' STANDARD VEHICLE PARKING SPACES.
 - PARKING SPACES SHOWN ARE FOR GRAPHICAL REPRESENTATION ONLY AND IS BASED ON RECORD DATA PROVIDED BY THE OWNER AND IS NOT INTENDED TO BE USED AS A STRIPING PLAN.
 - TRASH ENCLOSURE SHALL BE ENCLOSED ON 3 SIDES WITH WALLS WITH A MINIMUM OF 4.5' W X 6' L X 6' T DIMENSIONS IN ACCORDANCE WITH CMC SECTIONS 9164.3 & 9164.5.
 - GUARD SHACKS AND GUARD STATION ARE SINGLE OCCUPANCY STRUCTURES AND SHALL BE SUPPORTED ABOVE STANDARD CURB HEIGHT ON PERMANENT FOUNDATIONS 8 INCHES ABOVE PAVEMENT AND ARE EXEMPT FROM ADA REQUIREMENTS. BUILDING PERMITS SHALL BE OBTAINED PER CMC SECTION 9148.6(B)(4)(f).

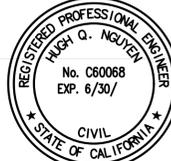
LEGEND:

- FH FIRE HYDRANT
- ROW X - ### ROW NAME & NUMBER OF PARKING STALLS
- ↑ INGRESS/EGRESS & FLOW OF TRAFFIC
- X X EXISTING FENCE
- - - PROPOSED LOT LINES
- - - PROPERTY LINE
- [Hatched Box] EXISTING LANDSCAPE
- [Cross-hatched Box] SOME LANDSCAPING, NO IRRIGATION
- [Hexagonal Box] RESTRICTED UTILITY AREA

RE-ISSUED FOR PLAN CHECK
09/25/19

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REV	DATE	AUTH	PROJ ENGR	DESCRIPTION	BY	CHK	APR
C	09/25/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
B	07/24/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR
A	05/23/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR



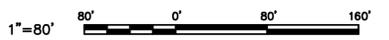
TESORO LOGISTICS OPERATIONS LLC

INGRESS/EGRESS PLAN

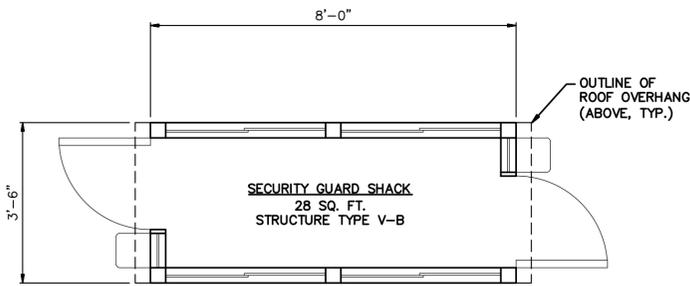
2149 E. SEPULVEDA BLVD.

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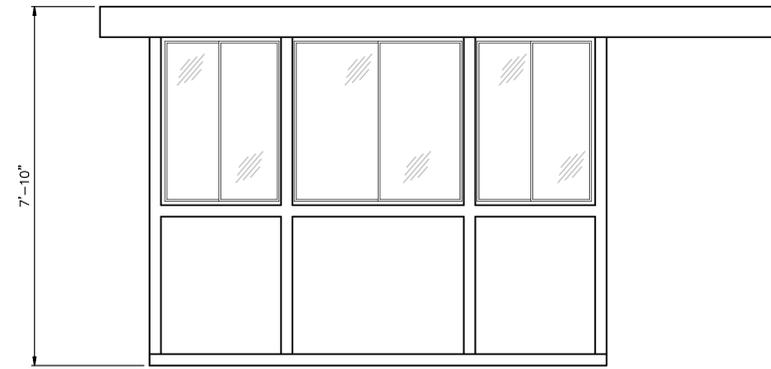
DWG NO. 2149 CUP-004 REVISION C



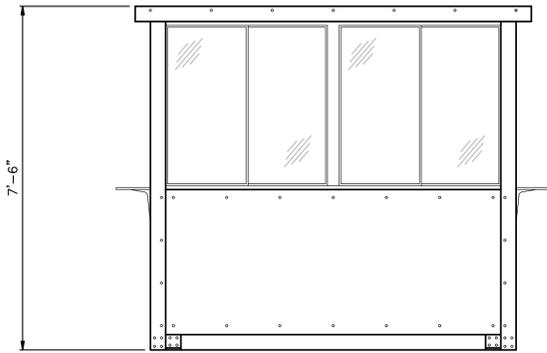
INDEX REV INDEXREV



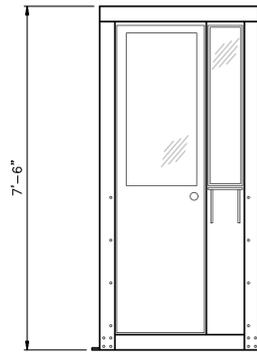
PLAN
SECURITY GUARD SHACK #1 & #2
 SCALE: 1/2"=1'-0" (2 REQ'D) FOR LOCATION SEE DWG. CUP-0003



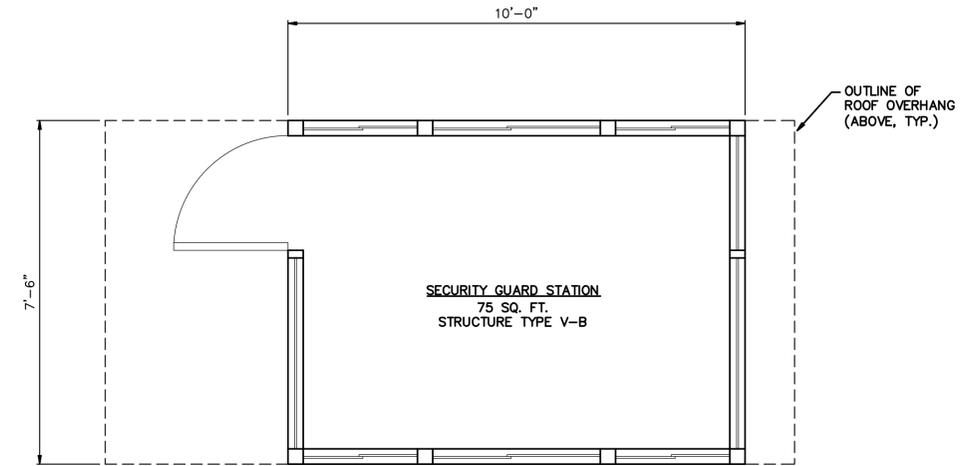
REAR ELEVATION
SECURITY GUARD STATION



FRONT AND REAR ELEVATION
SECURITY GUARD SHACK #1 & #2



LEFT AND RIGHT ELEVATION
SECURITY GUARD SHACK #1 & #2



PLAN
SECURITY GUARD STATION
 SCALE: 1/2"=1'-0" (1 REQ'D) FOR LOCATION SEE DWG. CUP-0003



LEFT ELEVATION
SECURITY GUARD STATION



FRONT ELEVATION
SECURITY GUARD STATION



RIGHT ELEVATION
SECURITY GUARD STATION

FOR RERERENCE ONLY
07/24/19



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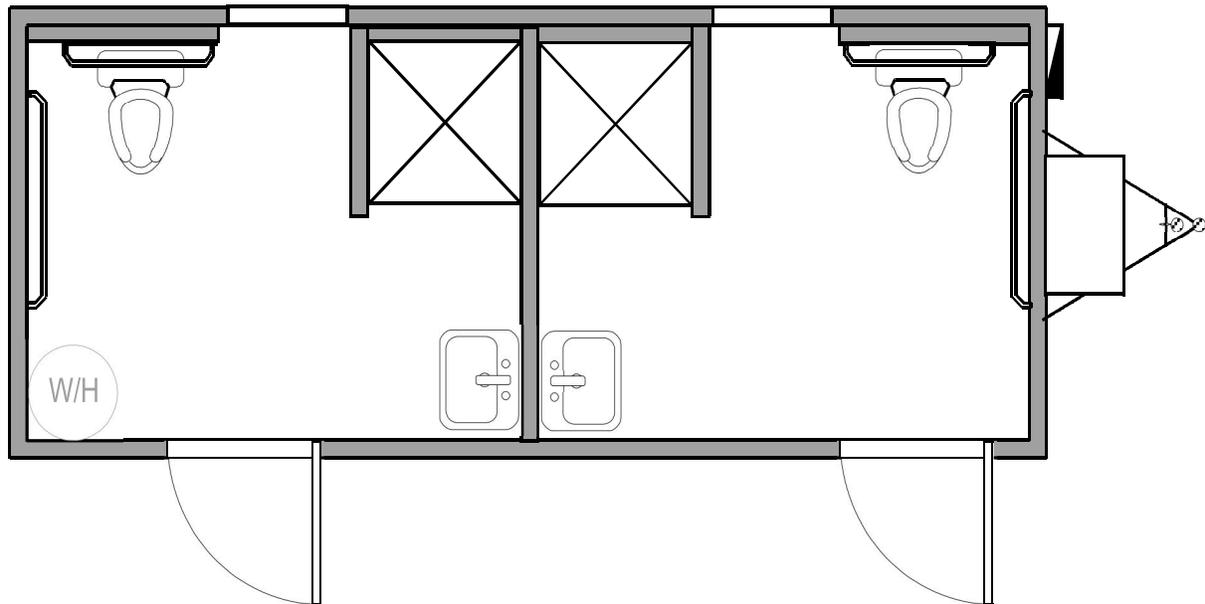
TESORO LOGISTICS OPERATIONS LLC										
GUARD SHACK & GUARD STATION FLOOR PLANS & ELEVATIONS										
2149 E. SEPULVEDA BLVD.										
B	07/24/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR	GRID:	TYPE: 1	SUBTYPE:
A	05/23/19	-	-	PLANNING DEPARTMENT SUBMITTAL	JVD	HN	RFR	DWG	NO.	REVISION
REV	DATE	AUTH	PROJ ENGR	DESCRIPTION	BY	CKD	APR	NO.	2149 CUP-0005	B

INDEX REV INDEXREV

Floor Plan:

8'x20' Shower

Floor plans may vary according to building model, size and specifications.

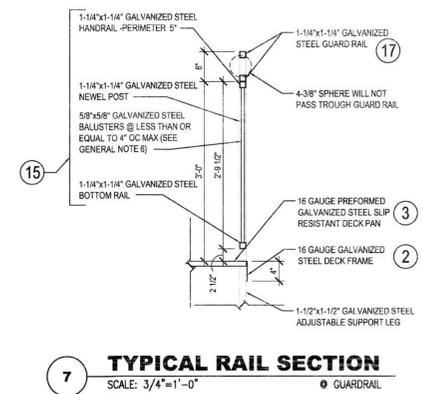


SPECIFICATIONS:

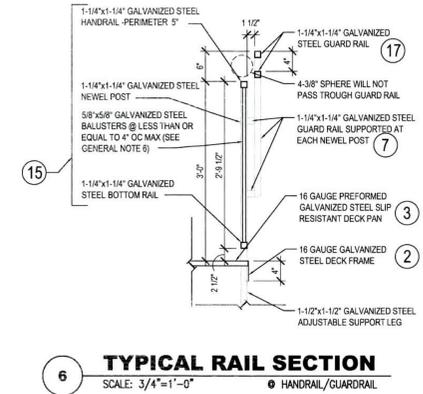
- Heating system
- Commercial grade linoleum floors
- FRP moisture resistant interior walls
- Metal entry doors with deadbolts
- Acoustical sound dampening ceilings
- State approved commercial building

NOTE: CODE 2016 CBC
 ALL STAIR TREADS TO HAVE SMOOTH, ROUNDED OR CHAMFERED EXPOSED EDGES AT NOSING. THE RADIUS CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NO GREATER THAN 1/2" PER CBC (118-504.5). THE NOSING SHALL NOT PROJECT MORE THAN 1/4" PAST THE FACE OF THE RISER BELOW (PER CBC 118-504.5). RISERS SHALL BE SLOPED OR THE UNDERSIDE OF THE NOSING SHALL HAVE AN ANGLE NOT LESS THAN 30 DEGREES FROM THE VERTICAL (PER CBC 118-504.5)

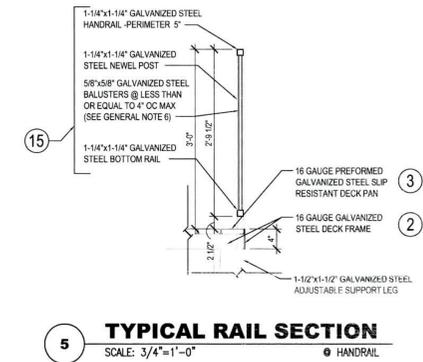
BASIS OF DESIGN
 1. PLATFORM DESIGNED FOR 200 MPH WIND
 2. PLATFORM DESIGNED FOR SEISMIC 330%, S1=100%G MAXIMUM
 3. HANDRAIL DESIGNED FOR 50 PLF OR 200 LBS LATERAL LIVE LOAD AT ANY POINT
 4. HANDRAIL DESIGNED FOR 100 PSF LIVE LOAD



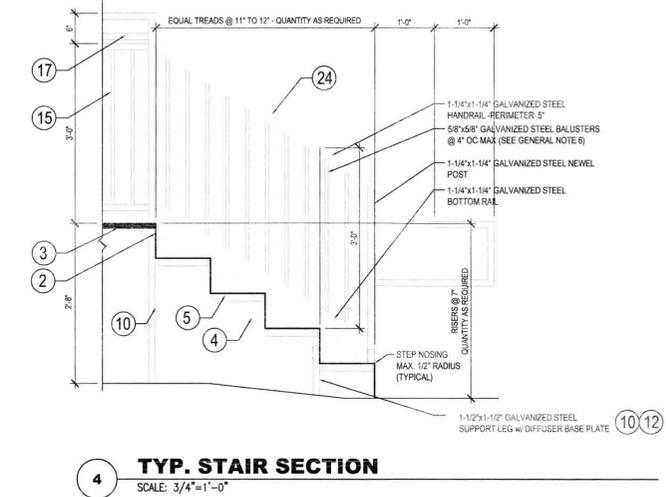
7 TYPICAL RAIL SECTION
 SCALE: 3/4"=1'-0"
 ● GUARDRAIL



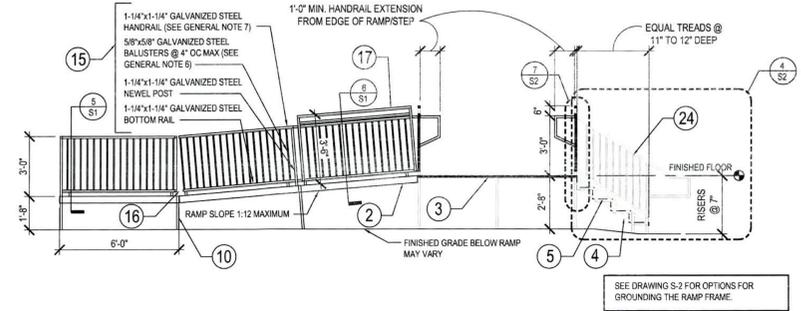
6 TYPICAL RAIL SECTION
 SCALE: 3/4"=1'-0"
 ● HANDRAIL/GUARDRAIL



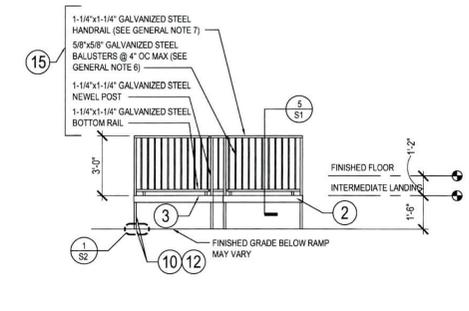
5 TYPICAL RAIL SECTION
 SCALE: 3/4"=1'-0"
 ● HANDRAIL



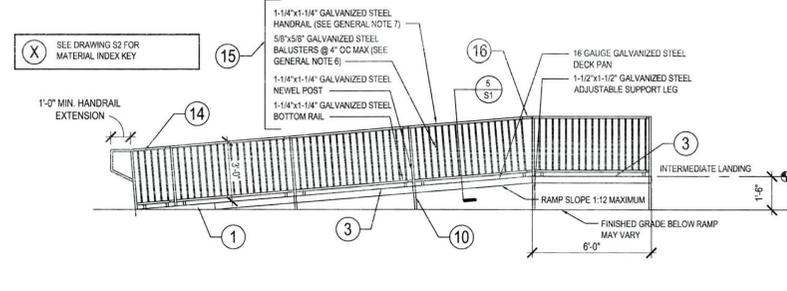
4 TYP. STAIR SECTION
 SCALE: 3/4"=1'-0"



3 TYPICAL ELEVATION
 SCALE: 1/4"=1'-0"



2 TYPICAL ELEVATION
 SCALE: 1/4"=1'-0"



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

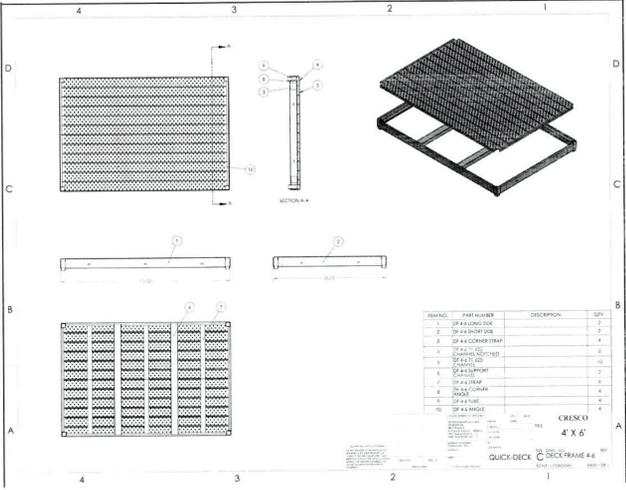
MANUFACTURED HOME/RESIDENTIAL HOME
 ACCESSORY BUILDING OR STRUCTURE
 HEALTH AND SAFETY CODE, DIVISION 13, PART 2
 APPROVED
 APPROVAL DOES NOT AUTHORIZE OR APPROVE ANY OMISSION
 OR DEVIATION FROM THE REGULATIONS OR APPLICABLE
 STATE LAWS AND REGULATIONS
 STATE OF CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
 DIVISION OF ENCL. PDS STANDARDS
 BY: [Signature] DATE: 4/13/18
 APPROVAL EXPIRES: 6/30/18



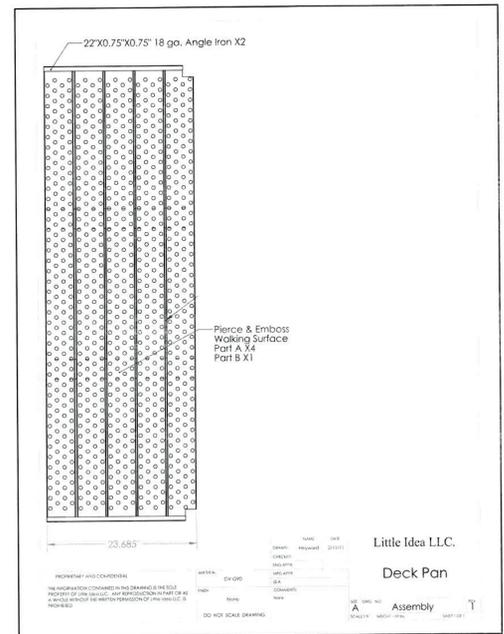
Expires: 06-30-18

Quick-Deck, Inc.
California State Standard
 Model Number: QD-2018-01

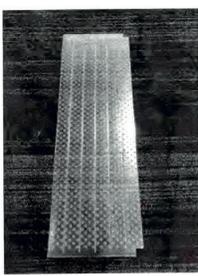
Revisions:
 Proj. No.:
 Date: March 7, 2018
 Sheet Name:
 Elevations and
 Details



4 MAIN FRAME SHOP DRAWING - PART 2
 SCALE: 1/4"=1'-0"



3 TYPICAL SURFACE PANEL SHOP DRAWING - PART 3
 SCALE: 1/4"=1'-0"



2 TYPICAL SURFACE PANEL PHOTO - PART 3
 SCALE: 1/4"=1'-0"

MATERIAL INDEX: COMPONENTS AND SPECIFICATIONS

PART	DESCRIPTION	SIZE	MATERIAL	PART	DESCRIPTION	SIZE	MATERIAL
1	WEDGE	12 GA	Hot Rolled Steel	18	GUARDRAIL RAM	12 GA	Hot Rolled Steel, 1"x1".063 Steel Tube
2	MAINFRAME - SEE 4/S2	16 GA	Hot Rolled Galvanized Steel	19	FRAME SPACER	16 GA	Hot Rolled Galvanized Steel
3	EMBOSSED SURFACE PANEL - SEE 2/S2	16 GA	Hot Rolled Galvanized Steel, #16 Standard Embossed Finish	20	BOLT SET	1/2"	316 Stainless Steel
4	STRINGER SECTION	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut	21	GROUND PAD	10"	Greenwood
5	STAIR TREAD	1/2"	12 GA Hot Rolled Steel	22	GROUND SPIKE	1/2"	316 Stainless Steel w/ rubber stop welded to top end of bar
6	STANCHION	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut	23	POST CAP	1 1/2"	Plastic Polymer
7	GUARDRAIL STANCHION	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut	24	STAIR RAIL	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut
8	STANCHION EXTENSION	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut	25	SURFACING CORNER CAP	1 1/2"	16 GA Hot Rolled Steel Tube
9	SCREW JACK LEG	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut	26			
10	SPEED LEG	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				
11	TUBE LEG	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				
12	DIFFUSER	12 GA	Hot Rolled Steel				
13	JACK SCREW	1"	Diameter Stainless All-Thread Screw				
14	ENTRY RAIL	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				
15	HANDRAIL	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				
16	RAIL RAM	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				
17	GUARDRAIL	1 1/2"	16 GA Hot Rolled Steel Tube, 7/16-14 Nut				

SYSTEM COMPONENTS
LEG FOOTINGS
 Refer to S-2 for "Foundation Options" and to S-3 for anchoring.
LEGS
 Legs come in increments of 12" up to 8 ft. and have 12" of adjustability. Legs are 1 1/2"x1 1/2" tubing with a .063 wall. The legs lock into the frame and adjust to the ground or slope required using a pressure lock system.
SCREEN JACK LEGS
 Screw Jack Legs are adjustable and require no safety features. Used for decking under 8" high.
FRAMES
 Frames are welded together. Multiple frames are bolted together to create a ramp segment and/or deck. Frames come in three sizes: 48"x48", 48"x72", and 72"x72". Parts are pre-galvanized 16 gauge. Cross beam centers are 30" or less.
SPACERS
 Spacers bolt to the main frame. Pre-galvanized 16 gauge. Spacers come in two sizes: 6"x48" and 6"x72". Spacers make it possible to separate the legs in a switchback configuration and create odd size landings.
HANDRAILS & GUARDRAILS
 Rails come in 2', 4', and 6' lengths. All railing is designed to take 200 lb. lateral load in any direction. Handrails are fastened 36" above the finished ramp/deck surface. Guardrails are fastened 42" above the finished ramp/deck surface. Guardrails are to be installed at all locations where the ramp, landing, or deck is more than 30" above grade.
WEDGE
 The wedge is a 12 gauge steel transition piece between the ground and the first mainframe. It has a non-slip surface composed of a two-part epoxy and .030 silica sand.
STAIRS
 All steel components. Stair sections are 44" wide. Each riser is 7" high. Each tread is 12" deep. 36" high handrails are provided with a lamba-tongue return at the entrance. All treads are surfaced with a non-slip surfacing. The only tread that is adjustable is the bottom tread. If closures for the step are needed, please specify prior to installation. Ideally, the height of the structure would be a multiple of 7". Thus, a platform height of 42"=6 risers & 5 treads.
BOTTOM RISER
 Customer is responsible for the height of the bottom tread of the Quick-Deck stair system. If the height doesn't fall as a multiple of 7" (ex: 14", 21", 28"), you will have to dig away or build up the ground to make the bottom tread 7" high.

PLASTIC GROUND PAD CUT SHEET

California's Largest Manufactured Housing Supplier
 Ph. 951-874-4011 • Fax 951-874-5720 • www.sdcopler.com
 33320 Mission Trail • Wildomar, CA 92595

SPECIFICATIONS

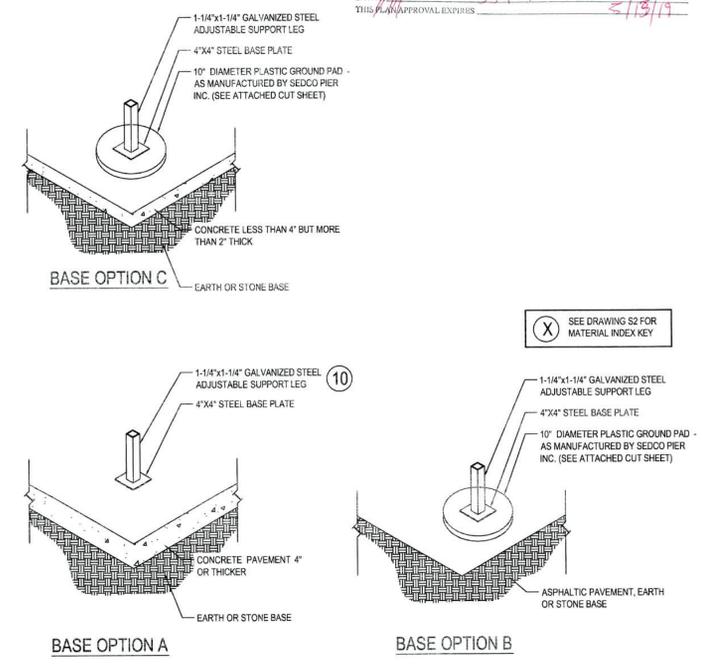
Pad Identification	Nominal Pad Diameter (in.)	Pad Capacity 1500 psf soil (lb)	Pad Capacity 3000 psf soil (lb)
Model #10	10	810*	1620*
Model #16	16	2100*	4200*

*Pad capacity is limited by the lesser of the following criteria: the peak load divided by a safety factor of 3, the soil capacity, load at 3/4-in. deflection
 † Pad capacity is limited to soil capacity

Characteristics
 Density 1.13g/cm³
 Stiffness 535,054 psi
 Izod Impact 0.95 ft.-lb./in.
 Gardner Impact 164 in.-lb.

Benefits:

- UV Stable
- Easy Installation
- Saves time & labor
- Strong and durable
- Eliminates deflection
- Made from 100% recycled materials
- Resists most herbicides and pesticides
- Replaces concrete
- Light weight saves on shipping & handling



1 FOUNDATION BASE OPTIONS
 SCALE: 3/4"=1'-0"

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO: SPECIFICATION FOR STRUCTURAL STEEL BUILDING - ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN OF A.I.S.C. LATEST EDITION.
- ALL FABRICATION SHALL COMPLY WITH "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITION, AS PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
- UNLESS NOTED OTHERWISE, STRUCTURAL STEEL SHALL CONFORM TO ASTM A992/A572/A572-50 OR ASTM A500 GRADE B. MIN Fy = 50 ksi
- STEEL BASE PLATES SHALL CONFORM TO ASTM A36. MIN Fy = 36 ksi
- BEAMS WITHOUT SPECIFIED CAMBER ARE TO BE FABRICATED SUCH THAT AFTER ERECTION ANY CAMBER DUE TO ROLLING OR SHOP FABRICATION IS UPWARD AT MID-SPAN.

STRUCTURAL WELDING

- ALL STRUCTURAL WELDING MUST BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE AMERICAN WELDING SOCIETY.
- THE FABRICATOR/CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALIFICATION OF WELDERS, WELDING OPERATORS AND TACK WELDERS.
- EACH WELDER'S QUALIFICATION RECORD SHALL BE KEPT BY THE FABRICATOR/CONTRACTOR AND AVAILABLE FOR IMMEDIATE VERIFICATION.
- WELDING PROCEDURES SHALL BE FORMULATED FOR ALL TYPES OF WELDS.
- ALL WELDING ELECTRODES MUST BE PROPERLY PACKAGED AND STORED PRIOR TO USAGE. UPON REMOVAL FROM PACKAGE STORAGE, ELECTRODES MUST BE PROPERLY HANDLED AND USED DURING THEIR PERMISSIBLE EXPOSURE TIME.
- WELDING CONDITIONS MUST MEET ALL AWS SPECIFICATIONS FOR EACH WELD PROCEDURE AND WELD TYPE, INCLUDING BUT NOT LIMITED TO: AMBIENT TEMPERATURE, EXPOSED SURFACES, HIGH WIND AREAS AND ALL OTHER INLEMENT CONDITIONS.
- STEEL MUST BE PREPARED AS PER THE WRITTEN WELD PROCEDURES: SMOOTH, UNIFORM, FREE FROM ALL FINES, GREASE, MOISTURE, RUST AND FOREIGN MATERIAL.
- WELDS SHALL CONFORM TO "STRUCTURAL WELDING CODE" OF THE AMERICAN WELDING SOCIETY, AWS D1.1. USE E70XX ELECTRODES. ALL WELDERS TO BE CERTIFIED BY AWS STANDARDS.
- GRIND EXPOSED FULL PENETRATION WELDS SMOOTH TO MATCH AND BLEND WITH ADJOINING SURFACE.

MANUFACTURED HOUSING # HOME
 ACCESSORY BUILDING OR STRUCTURE
 HEALTH AND SAFETY CODE, DIVISION 13, PART 2

APPROVED

APPROVAL DOES NOT AUTHORIZE OR APPROVE ANY OMISSION
 OR DEVIATION FROM REQUIREMENTS OF APPLICABLE
 STATE LAWS AND REGULATIONS

STATE OF CALIFORNIA DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
 DIVISION OF CODES AND STANDARDS

BY: *[Signature]* DATE: 4/3/18
 THIS PLAN APPROVAL EXPIRES: 4/3/19

Quick-Deck, Inc.
California State Standard
 Model Number: QD-2018-01

Revisions:
 Proj. No.:
 Date: March 7, 2018

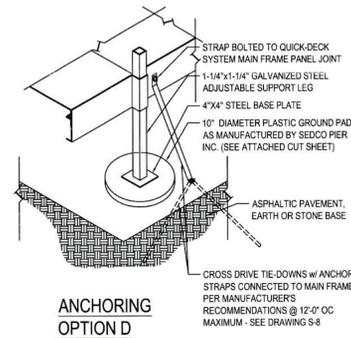
Sheet Name:
 Foundation Base Options
 Structural Notes and
 Material List

REGISTERED PROFESSIONAL ENGINEER
 SALVATORE RAY GRANATA
 60382
 CIVIL
 STATE OF CALIFORNIA
 Expires: 06-30-18

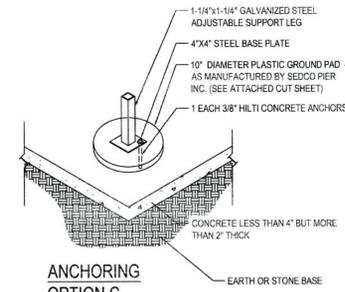
FOUNDATION ANCHORING OPTIONS

FOUNDATION ANCHORING OPTIONS ARE DETERMINED BY SITE CONDITION WHERE THE RAMP IS TO BE SET AND INSTALLED. FOUNDATION ANCHORING OPTION D IS TO BE USED IN EXTREME SEISMIC ZONES OF 150%G OR WIND SPEED OF 120MPH.

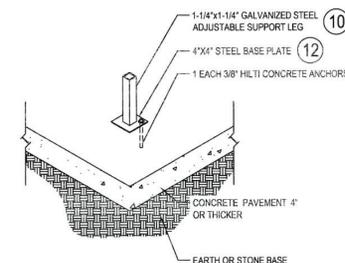
- OPTION A**
 FOR CONCRETE PAVEMENT 4" OR THICKER: USE 4"x4" STEEL BASE PLATE WITH ONE 3/8" HILTI CONCRETE ANCHOR PER LEG SUPPORT.
- OPTION B**
 FOR ASPHALTIC PAVEMENT, EARTH OR STONE BASE: USE 10" DIAMETER PLASTIC PAD, 4"x4" STEEL BASE PLATE WITH ONE #4x12" REBAR GROUND SPIKE PER LEG SUPPORT.
- OPTION C**
 FOR CONCRETE LESS THAN 4" THICK BUT MORE THAN 2" THICK: USE 10" DIAMETER PLASTIC PAD, 4"x4" STEEL BASE PLATE WITH ONE 3/8" HILTI CONCRETE ANCHOR PER LEG SUPPORT.
- OPTION D**
 FOR EXTREME SEISMIC ZONE GREATER THAN 150%G OR WIND SPEED OF 120 MPH: USE CROSS DRIVE TIE DOWN EVERY 12" ON CENTER AT MAIN FRAME CONNECTION.



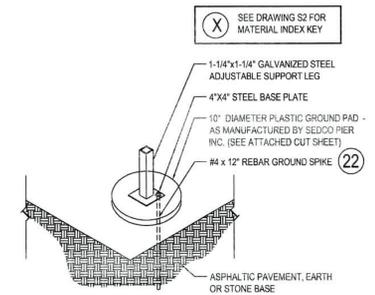
ANCHORING OPTION D



ANCHORING OPTION C



ANCHORING OPTION A

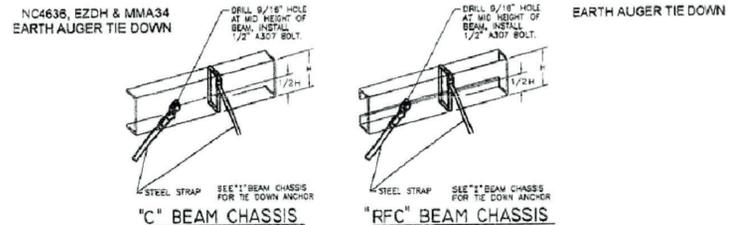


ANCHORING OPTION B

1 TYPICAL FOUNDATION ANCHORING OPTIONS
 SCALE: 3/4"=1'-0"

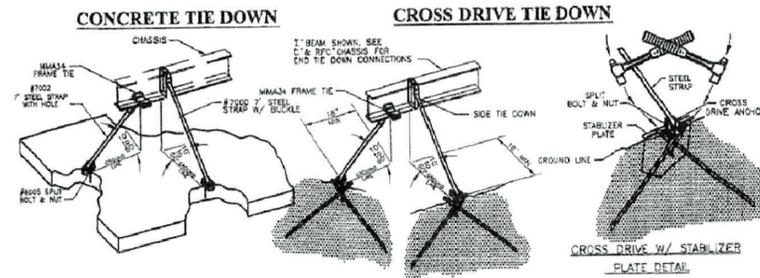
2 SEISMIC/HIGH WIND FOUNDATION ANCHORING OPTIONS
 SCALE: 3/4"=1'-0"

CROSS DRIVE TIE-DOWN CUT SHEET AND CONCRETE TIE DOWN INSTRUCTION
 SYSTEM AS MANUFACTURED BY MINUTE MAN PRODUCTS, INC.
 (REPRODUCED FROM MINUTE MAN PRODUCTS WEB SITE)



INSTALLATION INSTRUCTIONS

- THE DRIVE MACHINE IS STARTED AND THE ANCHOR IS TURNED INTO THE GROUND TO A POINT WHERE THE TOP (STABILIZER HEAD PLATE) IS FLUSH OR SLIGHTLY BELOW GROUND LEVEL. THIS INSURES THAT THE E-Z ANCHOR STABILIZER WILL BE AT ITS REQUIRED INSTALLATION POSITION.
 - FOR THE E-Z ANCHOR/STABILIZER TO ACHIEVE FULL POTENTIAL, INSTALL THE ANCHOR VERTICALLY WITH NO DEVIATION GREATER THAN 10 DEGREES. NOTE: A SLIGHTLY GREATER ANGLE MAY BE USED TO START THE ANCHOR TO AVOID CONTACT WITH THE HOME & STRAIGHTENED AS THE ANCHOR IS GROUND SET. THE SPLIT BOLT IS INSERTED, STRAP FASTENED, AND TIGHTENING ADJUSTMENT MADE.
- NOTE: WITH MACHINE INSTALLATION, A MINUTE-MAN ADAPTER DESIGNED TO FIT BOTH THE ANCHOR HEAD AND DRIVE MACHINE SHAFT IS AVAILABLE. INSTALLERS DO NOT NEED ADDITIONAL OR SPECIAL EQUIPMENT FOR E-Z ANCHOR INSTALLATION.



Minute Man Products, Inc.
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MANUFACTURED HOME/MOBILE HOME
 ACCESSORY BUILDING OR STRUCTURE
 HEALTH AND SAFETY CODE, DIVISION 13, PART 2
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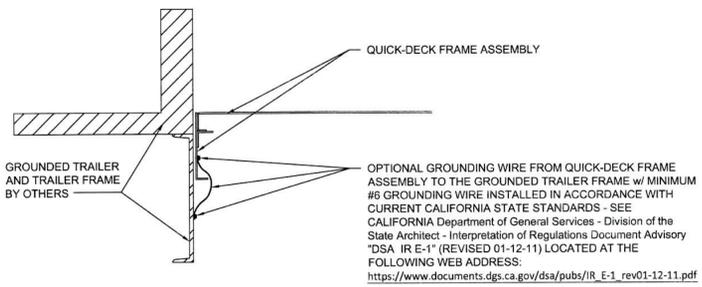
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DATE: 3/15/18
 BY: [Signature]
 TITLE: [Signature]

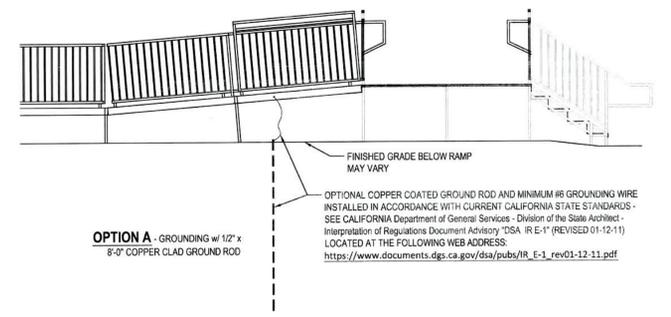
REGISTERED PROFESSIONAL ENGINEER
 SALVATORE RAY GRANATA
 60082
 CIVIL
 STATE OF CALIFORNIA
 3/15/18

Expires: 06-30-18



OPTION B - GROUNDING w/ MINIMUM #6 WIRE FROM QUICK-DECK FRAME TO GROUNDED TRAILER FRAME

4 GROUNDING OPTION B
 NTS



OPTION A - GROUNDING w/ 1/2\" x 8-0\" COPPER CLAD GROUND ROD

3 GROUNDING OPTION A
 NTS