

TO PROCEEDING. 2. VERIFY LOCATIONS OF ALL SITE IMPROVEMENTS INSTALLED AUNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT THE ENGINEER FOR INSTRUCTION PRIOR TO

COMMENCING WORK. 3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE.

4. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES

5. ALL DIMENSIONS ARE PERPENDICULAR TO FACE OF BUILDING, WALL OR OTHER FIXED SITE IMPROVEMENT AND DIMENSIONS AT CURB ARE FROM BACK OF CURB UNLESS OTHERWISE NOTED.

6. INSTALL ALL INTERSECTING ELEMENTS AT 90 DEGREES TO EACH OTHER UNLESS OTHERWISE NOTED.

SITE PLAN CALLOUTS:-

(1) PROPOSED CAR WASH TUNNEL BUILDING(4,625 SFT), SEE PLAN BY OTHERS

2 CONCRETE PAVEMENT (6" WITH #4 BARS @ 24" O.C)

(3) 6" CURB

(4) CAST IN PLACE CONCRETE DETENTION VAULT (STRUCTURAL DESIGN BY OTHERS)

5 DUMPSTER PAD (7" WITH #5 BARS @ 12" O.C.)

6 PAY STATION

7 VACCUM STALLS

(8) 4" INCH WHITE EPOXY PAVEMENT MARKING AT 18" OC

(9) GENERATOR / TRANSFORMER PAD

(10) LIGHT POLE

(11) 20 FT FIRE LANE

(12) PROPOSED SIDEWALK

(13) RAMP

-(12)

(14) SAW-TOOTH CURB (9' CURB, 3' OPENING ALTERNATE)

(15) MONUMENT SIGNAGE

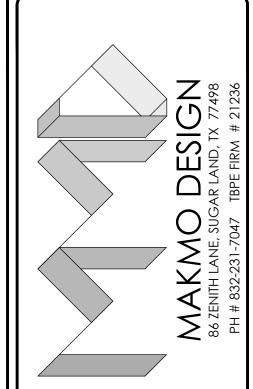
(16) SAW CUT EVERY 10 FT AT EASEMENTS

IMPERVIOUS COVERAGE TABLE		
PROPOSED IMPERVIOUS AREA	39,285 SF	
EXISTING IMPERVIOUS AREA	0 SF	
0227110111120101111211271110	ALL DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE	

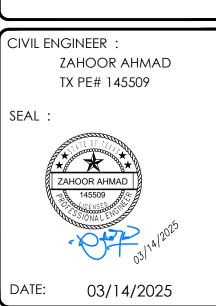
CARS RECOMMENDED:		
DRIVE THRU LANE:	350 FT /25	= 14 CARS
CAR WASH TUNNEL		= 1 CAR
VACCUME STATIONS:		= 16 CARS
REGULAR PARKING STALLS:		= 12 CARS
TOTAL:		= 43 CARS

ISSUE FOR: FOR INTER REVIEW ONLY BID ONLY PERMITS SET CONSTRUCTION SET

REVISIIONS: NO. DATE DESCRIPTION 09-26-2024 | PERMIT SET 02-13-2025 CITY/TXDOT COMMENT 03-14-2025 CITY COMMENTS



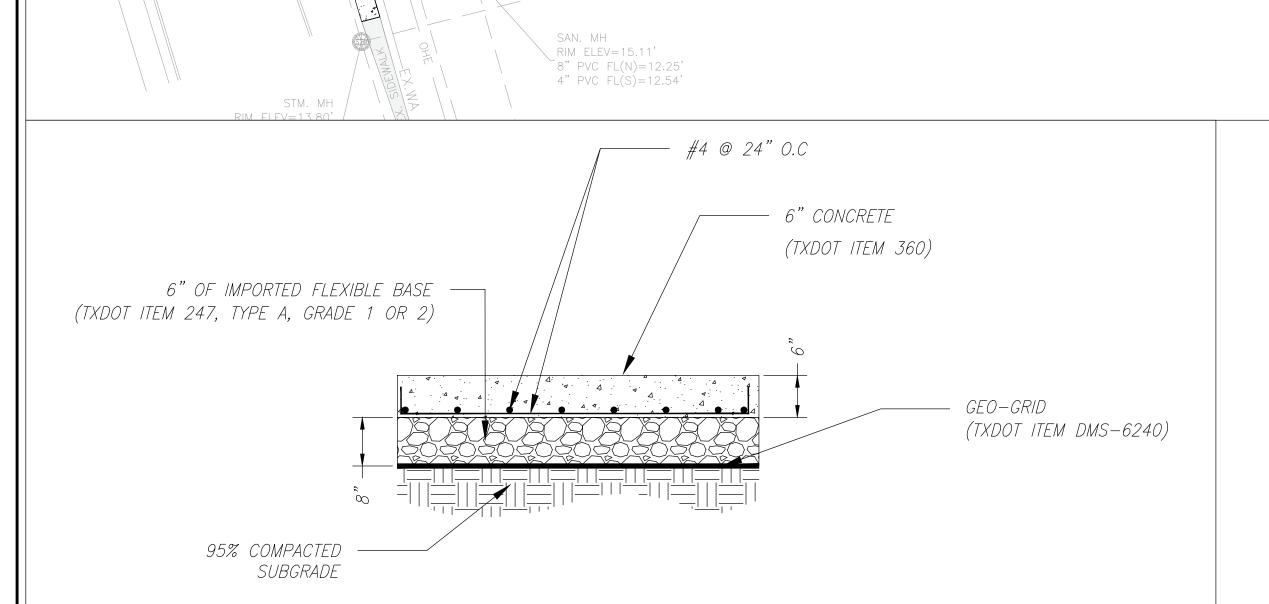
WASH \T AR D A Cy 国国 PROP



DAIL.	03/	14/2	023
PROJECT NUM	1BER	:	24-000
SCALE	:		1''=20'
DRAWN BY	:		Z.AHMAD
CHECKED E	3Y:		Z.AHMAD
SHEET TITLE	:		
	·	DT	
SITE PLAN			

DRAWING NUMBER:

C-200



CONCRETE PAVEMENT

FND. 5/8" I.R. [W/ "WINDROSE" CA

DAVIS ROAD (65 R.O.W.)

RIM ELEV.=14.37' 24" RCP(NW)=7.57'

MAKMO DESIGN - DESIGN WITH A DIFFERENT APPROACH —

24" RCP(SW)=8.42 4 RCP(SE)=7.77

12



RIM ELEV=14.19' 30" RCP FL(NE) = 9.34'-

CITY OF LEAGUE CITY, TEXAS

U/G CAST-IN-PLACE DETENTION VAULT

16 VACUUM STALLS

STAMPED CONCRETE

CEILING:14.0 FLOOR: 9.0 (8

CAR WASH TUNNEL 1

FFE:17.0

ŢŖ<u>ĄĊŢŢŶ</u> <u>0.4772 ĂCRE</u> (20,787 SQ. FŢ.)

 $\left(\mathbf{4}\right)$

0.7794 ACL (33,953 SQ. FT.)

CONCRETE

PROPOSED SIDEWALK

28

26' FIRE LANE

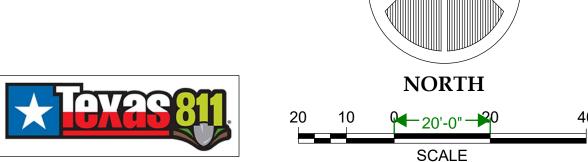
(11)

20' <u>L</u>

ELEV.=14.11'

EXISTING SIDEWALK





Attachment #4 ISSUE FOR: FOR INTER REVIEW ONLY CITY OF LEAGUE CITY, TEXAS G.C.C.F. No. 2008058759 BID ONLY PERMITS SET CONSTRUCTION SET **REVISIIONS:** NO. DATE DESCRIPTION . 09-26-2024 PERMIT SET FL 24" CPP=6.49'\ 24" R.C.P. FL=10.84'-FND. 5/8" I.R. [W/ "WINDROSE" CAP U/G CAST-IN-PLACE DETENTION VAULT CEILING:14.0 STAMPED CONCRETE CONN TO EX. SAN. SEWER AT -E:12.20± (VIF) CAR WASH TUNNEL FFE:17.0 26 FIRE LANE PR. 55' LF 6" PVC SCH-40 SAN. SEWER @ 1.0% - DUMPSTER 3" WATER METER OSED LOCAT Y DR, I └─ VERTICAL LANDSCAPE SCREENING "FIG VINE ** RIM ELEV.=14.37' PR. 120' LF 3" PVC _\24" RCP(NW)=7.57'-PLANT" RE:A-2.1 - WATER LINE WATER SERVICE . \24" RCP(SW)=8.42' 8"X3" TEE (WATER TIGHT) -CONN TO EX. WATER MAIN BACK FLOW LANDSCAPE DETAILS ROP PREVENTER 8"X6" TEE (WATER TIGHT) --SHRUB SHALL BEAR CONN TO EX. WATER MAIN SAME RELATIONSHIP ELEV.=14.11 SAN. MH TO FINISH GRADE AS IT BORE TO TOP OF RIM ELEV=15.11' 6" GATE VALVE -8" PVC FL(N)=12.25' CONTAINER 4" PVC FL(S) = 12.54-2" MULCH FINISH GRADE LANDSCAPING ANALYSIS -MIXED TOPSOIL BACKFILL TILL LEGEND STREET TREES REQUIRED 1 PER 30 L.F. 374.6'/30=12 WTIH EXISTING STREET TREES PROVIDED 12 -6" COMPACTED 1 PER 8 PARKING SPACES - PARKING LOT TREES REQUIRED 25/8=3 - INDICATES EXISTING CONCRETE SIDEWALK TOPSOIL - PARKING LOT TREES PROVIDED 3 - INDICATES PROPOSED CONCRETE SIDEWALK BUFFER YARD TREE REQUIRED 4 PER 100 L.F. (280'/100)X4=11SHRUB DETAIL - BUFFER YARD TREE PROVIDED - GRASS/ LANDSCAPE BED SOD. SHRUB PROVIDED 120 LANDSCAPED AREA REQUIRED 15% CIVIL ENGINEER: - LANDSCAPED AREA PROVIDED 41% ZAHOOR AHMAD 1 1/2" HIGHRISE OAK TREE (15 GAL.) - IMPERVIOUS AREA REQUIRED MAX. 80% TX PE# 145509 (QUERCUS VIRGINIANA 'HIGHRISE') - IMPERVIOUS AREA PROVIDED 59% - PARKING LOT TREES SEAL 1 1/2" LITTLE GEM MAGNOLIA- WHITE (15 GAL.) -6' GREEN METAL "T" (MAGNOLIA GRANDIFLORA 'LITTLE GEM') POST WITH 1" PLASTIC ADJ-A-TIE OR EQUAL BUFFER YARD TREES NOTE: -TREE SHALL BEAR 1 1/2" RIVER BIRCH (15 GAL.) CONTRACTOR SHALL COMPLY WITH THE LEAGUE CITY DEVELOPMENT SAME RELATIONSHIP (BETULA NIGRA 'RIVER BIRCH') TO FINISH GRADE AS HANDBOOK AND THE UNIFIED DEVELOPMENT CODE (U.D.C.) FOR ALL IT BORE TO TOP OF APPLICABLE PROCEDURES, APPLICATIONS, AND REGULATIONS. CONTAINER - SHRUBS MAXIMUM SPACING 36" ON CENTER (5 GAL.) -2" MULCH REFER TO TABLE 3.9.6.C.2 OF THE U.D.C. FOR MINIMUM STREET TREE ILEX CORNUTA "BURFORD HOLLY" MIN 3' HEIGHT FOR SCREENING DATE: 09/26/2024 PLANTING CLEARANCES, INCLUDING ADJUSTMENTS WHERE SPECIAL -FINISH GRADE CONDITIONS EXIST. PROJECT NUMBER 24-000 - SHRUBS MAXIMUM SPACING 36" ON CENTER (5 GAL.) SCALE 1''=20' -MIXED TOPSOIL MYRICA CERIFERA "WAX MYRTLE" MIN 3' HEIGHT FOR SCREENING DRAWN BY Z.AHMAD BACKFILL TILL WTIH PARKING NOTES EXISTING SOIL CHECKED BY: Z.AHMAD SHEET TITLE - INDICATES FIRE HYDRANT 6" COMPACTED TOPSOIL 1. CONTRACTOR TO PAINT STRIPING, ARROWS ETC. - INDICATES FIRE DEPARTMENT CONNECTION AS SPECIFIED AND AS SHOWN ON THE PLAN. 2. PROVIDE 4" WIDE WHITE PARKING STRIPS. **LANDSCAPING** - NUMBER OF PARKING SPACES PAINT STRIPING, ARROWS ETC. TREE DETAIL - HANDICAP PARKING SPACE **PLAN NORTH** MIN. TRUNK HEIGHT 6" UPON INSTALLATION - PROPERTY LINE IRRIGATION NOTE:
AN IRRIGATION SYSTEM TO SERVICE ALL NEW PLANTING WILL BE INSTALLED BY — — — BUILDING LINE A CERTIFIED INSTALLER BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. DRAWING NUMBER: SCALE LIGHT POLE . RE: ELECTRICAL SITE PLAN L-100

MAKMO DESIGN - DESIGN WITH A DIFFERENT APPROACH —

ISSUE FOR:

PERMITS SET

REVISIIONS:

FOR INTER REVIEW ONLY

CONSTRUCTION SET

NO. DATE DESCRIPTION

V

77573

XX

CITY

ED AT LEAGUE

BAY

MARINA

WASH

TUNNEL

PROPOSED

23'-2" 15'-0" 4 2 9 11 FFE +31'-8" 8 1 6 7 T.O - RIDGE LEVEL +26'-0" T.O ROOF - FFE LEVEL +13'-6" FIRST FFE LEVEL ±0'-0"

ELEVATION -WEST FACING DAVIS RD

KEYED NOTES

NICHIHA PANEL OVER POLYURETHANE BOARD & ALUMINUM FOIL

STUCCO FINISH OVER 5/8" DENSGLASS SHEATHING CEMENT FIBER BOARD PAINTED FINISH OVER 5/8" DENSGLASS SHEATHING\

12"x24", 1 3/16" THICK BUFF LIMESTONE OVER 5/8" DENSGLASS / METAL STUDS

ALUMINUM PANEL #2 ENTRANCE CANOPY (BY APPROVED SUPPLIER) ALUMINUM PANEL #3 CANOPY (BY APPROVED SUPPLIER)

ALUMINUM PANEL #4 ROOF PANEL (BY APPROVED SUPPLIER) ALUMINUM STOREFRONT SYSTEM WITH 1" THICK INSULATING TEMPERED

LOW-E GLASS (RE: WINDOW SCHEDULE) METAL ROLLING SHUTTER

LED DROP LIGHT / SPOT LIGHT

PARAPET WALL WITH METAL CAP COPING

EXTERIOR SIGN BY OWNERS TO BE DESIGNED AS PER CITY REQUIREMENT

EXTERIOR HOLLOW CORE METAL DOOR (RE: DOOR SCHEDULE)

DOWNSPOUT (RE: PLUMBING DRAWINGS)

WALL PACK LIGHT (RE: ELECTRICAL DRAWINGS)

CAT LADDER EMERGENCY EXIT LIGHT

HONED LIMESTONE SILL

ROOF TOP A/C UNIT VERTICAL LANDSCAPE SCREENING WITH LED STRIPE LIGHTS ON LANDSCAPE

22 WALL SCONCE, UP/DOWN LIGHT

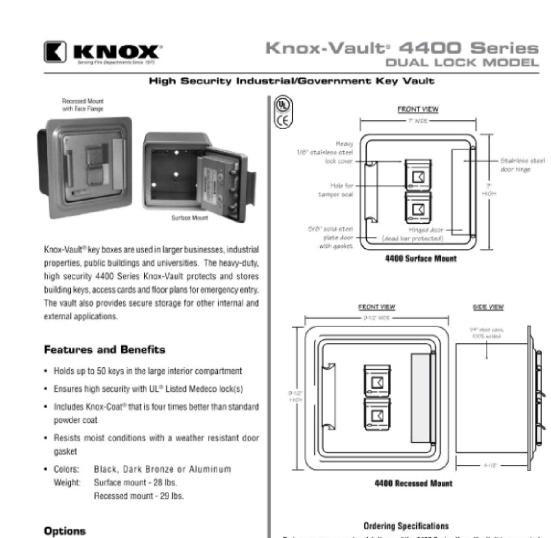
MATERIAL LEGEND



Sto StoPowerwall® Detail No.: 4.01 Date:December 2015 Sto materials: 1] StoGuard® with Sto EmeraidCoat® 2] StoPowerwall scratch coat 3] Sto Powerwall brown coat 4] Sto Hot Prime® or Sto Primer 5] Sto finish (smooth or textured) Code compliant paper or felt water-resistive barrier (WRB)

STUCCO DETAIL

obdate are intended for use by qualified professional contractors, not consumers, as a component of a larger construction searchly as executions of the contract of the contra



KNOX BOX DETAIL

KNOX COMPANY = 1601 W. Deer Valley Road, Phoenix, AZ 85027 • (800) 552-5669 • (623) 687-2300 • Fax (623) 687-2299 • Web: www.knoxbox.com • E-mail: info@knoxbox.com

Mfr's Name:

Scale: N.T.S.

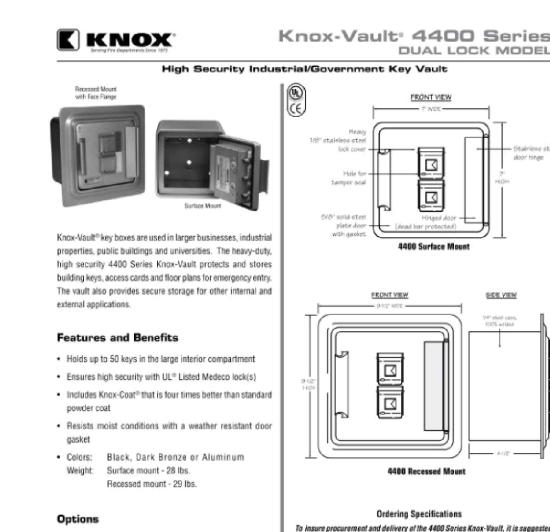
IMPORTANT NOTES

· Recessed Mounting Kit (RMK) for recessed models only

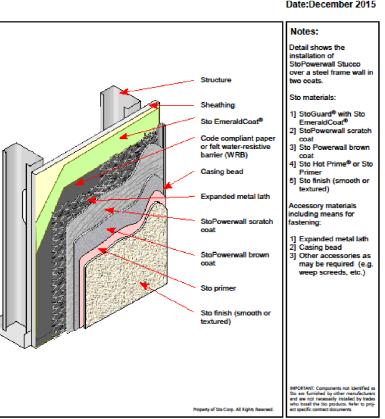
. Inside switch for use on electrical doors, gates and other

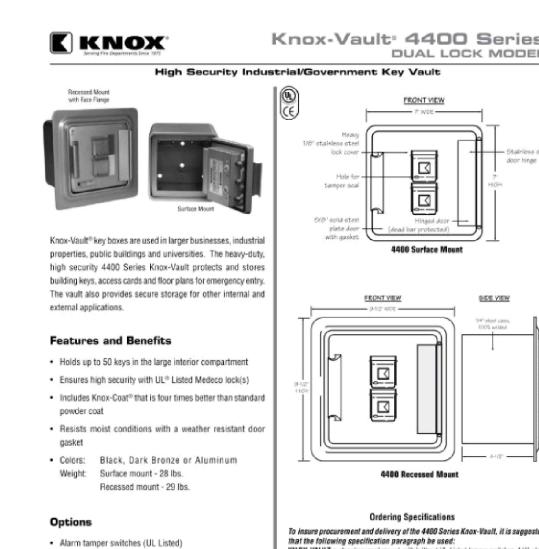
· Custom vault depth available

electrical equipment



Scale: N.T.S.





KNOX-VAULT surface/recessed mount, with/without UL Listed tamper switches. 1/4" plate steel housing, 5/8" thick steel door with interior gasket seal. Vault and lock UL Listed. Lock

has 1/6" dust cover with tamper seal mounting capability. Vault has anti-theft re-locking

4400 Series Knox-Vault (mtrs cat. ID) KNOX COMPANY Finish Color - Black, Dark Bronze or Aluminum

Recessed mount flange- 9 1/2"H x 9 1/2"W
UL Listed. Double-action rotating tumblers and hardened steel

rior Dimensions: Surface mount - 7"H x 7"W x 5"D

2464 **ASHLEY BICE**

			_
PROJECT NUMBER	:	24-034	1
SCALE	:	1/8"=1'-0"	
DRAWN BY	:	A.Z	
CHECKED BY	:	A.Z	
SHEET TITLE	:		

08/21/2024

ELEVATION 1 & 2

DRAWING NUMBER:

A-2.0

149'-1" 27'-0" 20'-0" 29'-0" 19'-0" 10'-11" 18'-2" 18'-2" T.O - RIDGE 19 (1) 11 2 5 18 14 6 (13) (10) 5 3 (15) LEVEL +31'-8" T.O ROOF - FFE LEVEL +13'-6" FIRST FFE LEVEL ±0'-0"

ELEVATION - 1 NORTH

Scale: 1/8"=1'0"

MAKMO DESIGN - DESIGN WITH A DIFFERENT APPROACH —

Scale: 1/8"=1'0"

- A. "ANY SUBSTITUTION OF EXTERIOR MATERIALS MUST BE APPROVED BY THE CITY PRIOR TO INSTALLATION."
- B. "SOLID DOORS, INCLUDING ANY OVERHEAD DOORS, SERVICE AND UTILITY BOXES, GUTTERS AND DOWNSPOUTS WILL BE PAINTED EITHER A COMPLEMENTARY TRIM OR ACCENT COLOR, OR THE SURROUNDING PREDOMINATE COLOR TO BLEND."
- C. "ALL COPING WILL EITHER MATCH A COMPLEMENTARY TRIM OR ACCENT COLOR, OR MATCH THE SURROUNDING PREDOMINATE COLOR TO BLEND."
- D. "ANY VENTILATION LOUVERS WILL BE UNIFORMLY PAINTED EITHER A COMPLEMENTARY TRIM OR ACCENT COLOR, OR MATCH THE SURROUNDING PREDOMINATE COLOR TO BLEND.
- E. "ALL ROOF-TOP EQUIPMENT WILL BE SCREENED BY PARAPET WALLS, GROUND-MOUNTED EQUIPMENT WILL BE SCREENED BY MASONRY WALLS OR LANDSCAPING, ALL TRANSFORMERS WILL BE SCREENED BY MASONRY WALLS, AND ALL WALL-MOUNTED EQUIPMENT WILL BE PAINTED TO MATCH THE BUILDING.
- F. "THE ZONING INSPECTOR WILL MAKE THE FINAL DETERMINATION DURING CONSTRUCTION AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY REGARDING COMPLIANCE WITH MECHANICAL EQUIPMENT SCREENING STANDARDS.

DESIGN CRITERIA:

- 1. THE BUILDING CODE USED FOR THE BASIS ON TABLE 1604.5,
- 1607.1, 2015 INTERNATIONAL CODES WITH CITY OF LEAGUE CITY AMENDMENTS 2. STRUCTURAL DESIGN CRITERIA:
- A. GRAVITY LOAD 1. DESIGN LOADS

ROOF - LIVE LOAD -----20 PSF DEAD LOAD ----- SELF WT. OF STRUCTURAL ELEMENTS FLOOR - LIVE/DEAD ----- 100 PSF/ 20 PSF

B. WIND LATERAL

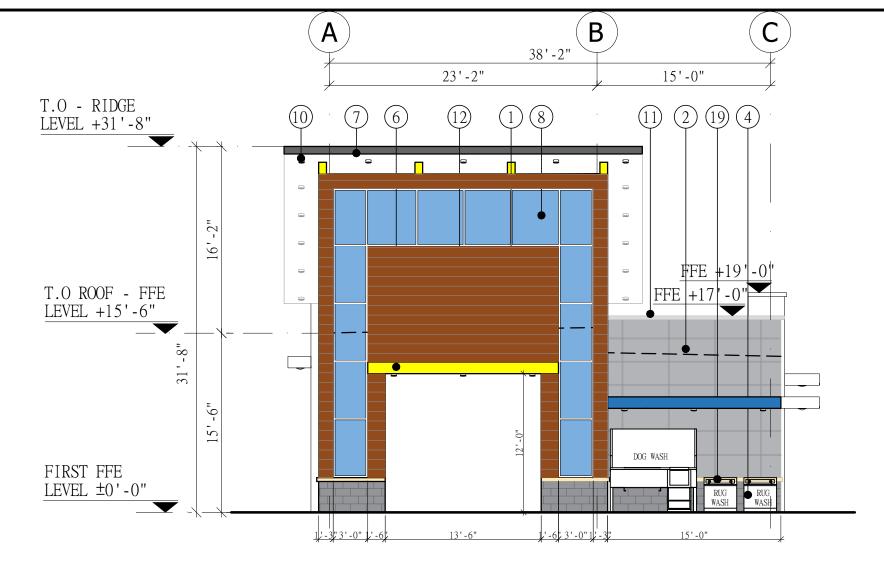
1. WIND LOAD CRITERIA (AS PER ASCE 7) ULTIMATE DESIGN WIND SPEED, V(ult)= 150 MPH RISK CATEGORY - II

IMPORTANCE FACTOR EXPOSURE CLASSIFICATION

AWNINGS AND CANOPIES ARE DESIGNED FOR A MINIMUM UNIFORM LIVE LOAD OF 20 PSF AS PER TABLE 1607.1 AS WELL AS FOR THE REQUIRED ULTIMATE DESIGN WIND SPEED, V(ULT).

- 1.0

- B



ELEVATION - EAST FACING MARINA BAY DR

18'-2"

10'-11"

(10) (13) (6)

KEYED NOTES

- NICHIHA PANEL OVER POLYURETHANE BOARD & ALUMINUM FOIL
- STUCCO FINISH OVER 5/8" DENSGLASS SHEATHING
- CEMENT FIBER BOARD PAINTED FINISH OVER 5/8" DENSGLASS SHEATHING\
- 12"x24", 1 3/16" THICK BUFF LIMESTONE OVER 5/8" DENSGLASS / METAL STUDS
- ALUMINUM PANEL #2 ENTRANCE CANOPY (BY APPROVED SUPPLIER) ALUMINUM PANEL #3 CANOPY (BY APPROVED SUPPLIER)
- ALUMINUM PANEL #4 ROOF PANEL (BY APPROVED SUPPLIER)
- ALUMINUM STOREFRONT SYSTEM WITH 1" THICK INSULATING TEMPERED LOW-E GLASS (RE: WINDOW SCHEDULE)
- METAL ROLLING SHUTTER
- LED DROP LIGHT / SPOT LIGHT
- PARAPET WALL WITH METAL CAP COPING
- EXTERIOR SIGN BY OWNERS TO BE DESIGNED AS PER CITY REQUIREMENT
- STRUCTURAL STEEL COLUMN PAINTED FINISH EXTERIOR HOLLOW CORE METAL DOOR (RE: DOOR SCHEDULE)
- DOWNSPOUT (RE: PLUMBING DRAWINGS) WALL PACK LIGHT (RE: ELECTRICAL DRAWINGS)
- CAT LADDER
- EMERGENCY EXIT LIGHT
- HONED LIMESTONE SILL ROOF TOP A/C UNIT

3 22 5

VERTICAL LANDSCAPE SCREENING WITH LED STRIPE LIGHTS ON LANDSCAPE

149'-1"

8 (11)

22 WALL SCONCE, UP/DOWN LIGHT

29'-0"

NOTE:

WALL SIGN ALLOWANCE IS 1.5 SOUARE FEET PER LINEAR FOOT OF BUSINESS FRONTAGE WITH A BUILDING FRONTAGE OF 38'-2", THE SIGN MUST BE 57 SQUARE FEET TO COMPLY WITH THE CITY OF LEAGUE CITY REQUIREMENTS.

27'-0"

(11) (17) (2) (15)



20'-0"

(8)



MONUMENT SIGNAGE-MARINA BAY DR

Scale: 3/8"=1'0"

ELEVATION - SOUTH

Scale: 1/8"=1'0"

Scale: 1/8"=1'0"

T.O - RIDGE LEVEL +26'-0"

T.O ROOF - FFE LEVEL +15'-6"

FIRST FFE LEVEL ±0'-0"

LIGHT GAUGE METAL FRAMING NOTES:

- ALL STUDS AND / OR JOIST AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, GAUGE AND SPACING SHOWN ON THE DRAWINGS.
- ALL STRUCTURAL MEMBERS AND CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION. ALL STUDS, RUNNERS, JOISTS AND TRUSSES SHELL BE FORMED FROM GALVANIZED STEEL, CORRESPONDING TO THE REQUIREMENTS OF ASTM A446, WITH A MINIMUM YIELD STRENGTH OF 50 KSI FOR .097. .068. .054 THICK MEMBERS AND 33 KSI FOR .043 AND .033 THICK MEMBERS AND FLAT STRAP BRACING.
- PRIOR TO FABRICATION THE CONTRACTOR SHALL SUBMIT ERECTION DRAWINGS TO THE STRUCTURAL ENGINEER FOR APPROVAL.
- PREFABRICATED PANELS SHALL BE SQUARE, WITH COMPONENTS ATTACHED IN A MANNER AS TO PREVENT RACKING. HANDLING AND LIFTING SHALL BE DONE IN A MANNER SO AS NOT CAUSE DISTORTION IN ANY MANNER
- ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR, AS REQUIRED, FOR AN ANGULAR FIT AGAINST ABUTTING MEMBERS.
- AXIALLY LOADED STUDS SHALL BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT THEIR ENDS ARE POSITIONED AGAINST THE INSIDE OF TRACK WEB PRIOR TO FASTENING.

(6)

19'-0"

6'-10"

- FASTENING OF COMPONENTS SHALL BE WITH SELF DRILLING SCREWS OR WELDS. SCREW OR WELDS SHALL BE OF SUFFICIENT SIZE TO INSURE THE STRENGTH OF THE CONNECTION. WIRE TYING OF COMPONENTS SHALL NOT BE
- PERMITTED.ALL WELDS SHALL BE TOUCHED UP WITH A ZINC RICH PAINT. RUNNER SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE. PROPOSED CONNECTION TO BE SUBMITTED FOR APPROVAL.
- ABUTTING LENGTHS OF TRACK SHALL EACH BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, BUTT WELDED, OR SPLICED.
- STUDS SHALL BE PLUMB, ALIGNED AND SECURELY ATTACHED TO FLANGES OF BOTH UPPER AND LOWER TRACKS.
- JACK STUDS OR CRIPPLES SHALL BE INSTALLED BELOW WINDOW SILLS, ABOVE WINDOW AND DOOR HEADERS, AND WHERE NEEDED TO FURNISH SUPPORT, AND SHALL BE SECURELY ATTACHED TO CONNECTING MEMBERS.
- RESISTANCE TO MINOR AXIS BENDING AND ROTATION SHALL BE PROVIDED BY GYPSUM BOARD OR GYPSUM SHEATHING AND BY HORIZONTAL STRAP AND BLOCKING OR COLD ROLLED CHANNEL BRACING AT THIRD POINTS.
- SPLICES IN AXIALLY LOADED STUDS SHALL NOT BE PERMITTED.
- PROVIDE A MINIMUM OF (3) #12 SCREWS FOR ALL STUD CONNECTIONS.
- 16. BRIDGING SHALL BE INSTALLED IMMEDIATELY AFTER JOISTS ARE ERECTED AND BEFORE CONSTRUCTION LOADS ARE APPLIED TO PREVENT FLANGE ROTATION AND TO SUPPORT FLANGES IN COMPRESSION. BRIDGING SHALL CONSIST OF SOLID BLOCKING PLUS STRAP BRACING OR 1 1/2 " COLD - ROLLED CHANNELS SCREW - ATTACHED OR WELDED TO BOTTOM JOIST FLANGES. BRIDGING SHALL BE INSTALLED AT MID SPAN FOR SPAN 16'-0" OR LESS AND AT 8' - 0" O.C. MAX. FOR SPANS GREATER THAN 16'-0" U.N.O SOLID BLOCKING, OF FIELD - CUT TRACK OR JOIST SECTION, SHALL BE PROVIDED, WELDED OR SCREW - ATTACHED BETWEEN OUTER JOISTS, OVER ALL INTERIOR SUPPORTS AND ADJACENT TO OPENING AT 10' - 0" O.C. MAX. COLD - ROLLED CHANNELS OR STRAP BRACING OF 1 1/2 " X 33 MIL (0.033") CORROSION - RESISTANT STEEL SHALL BE SCREW - ATTACHED TO BOTTOM JOIST FLANGE BETWEEN SOLID BLOCKING. REFERENCE MANUFACTURER INSTALLATION INSTRUCTIONS.

STUCCO COMPOSITION NOTES:

18'-2"

<u>SECTION 2512: EXTERIOR PLASTER:</u> <u>2512.1 GENERAL.</u>

Plastering with cement plaster shall not be less than three coats where applied over metal lath or wire fabric lath and shall not be less than two coats where applied over masonry, concrete or gypsum board backing as specified in Section 2510.5. If the plaster surface is to be completely covered by veneer or other facing material, or is completely concealed by another wall, plaster application need be only two coats, provided the total thickness is as set forth in ASTM C 926.

2512.1.1 ON-GRADE FLOOR SLAB.

On wood-framed or steel stud construction with an on-grade concrete floor slab sys- tem, exterior plaster shall be applied in such a manner as to cover, but not to extend below, the lath and paper. The application of lath, paper, and flashing or drip screeds shall comply with ASTM C 1063.

<u>2512.1.2 WEEP SCREEDS.</u>

A minimum 0.019-inch (0.48 mm) (No. 26 galvanized sheet gage), corrosion-resistant weep screed with a minimum vertical attachment flange of 3-1/2 inches (89 mm) shall be provided at or below the foundation plate line on exterior stud walls in accordance with ASTM C 926. The weep screed shall be placed a minimum of 4 inches (102 mm) above the earth or 2 inch- es (51 mm) above paved areas and shall be of a type that will allow trapped water to drain to the exterior of the building. The weather-resistant barrier shall lap the attach- ment flange. The exterior lath shall cover and terminate on the attachment flange of the weep screed.

2512.2 PLASTICITY AGENTS.

Only approved plasticity agents and approved amounts thereof shall be added to Portland cement. When plastic cement or masonry cement is used, no additional lime or plasticizers shall be added. Hydrated lime or the equivalent amount of lime putty used as a plasticizers is permitted to be added to cement plaster or cement and lime plaster in an amount not to exceed that set forth in two coats, provided the total thickness is as set forth in ASTM C 926.

2512.3 LIMITATIONS. Gypsum plaster shall not be used on exterior surfaces.

2512.4 CEMENT PLASTER.

Plaster coats shall be protected from freezing for a period of not less than 24 hours after set has occurred. Plaster shall be applied when the ambient temperature is higher than 40° F (4° C), unless provisions are made to keep cement plaster work above 40° F (4° C) during application and 48 hours thereafter. 2512.5 SECOND COAT APPLICATION.

The second coat shall be brought out to proper thickness, rodded and floated sufficiently rough to provide adequate bond for the finish coat. The second coat shall have no variation greater than 1/4 inch (6.4 mm) in any direction under a 5-foot (1524 mm) straight edge.

2512.6 CURING AND INTERVAL

First and second coats of cement plaster shall be applied and moist cured as set forth in ASTM C 926 and Table 2512 6

TOTAL THE ASIM C 92	20 and lable 2312.0.			
TABLE 2512.6 CEMENT PLASTERS a				
COAT	MINIMUM PERIOD MOIST CURING	MINIMUM INTERVAL BETWEEN COATS		
FIRST	48 HOURS ^a	48 HOURS ^b		
SECOND	48 HOURS	7 DAYS ^c		
EINICH	_	NOTE C		

a. The first two coats shall be as required for the first coats of exterior plaster, except that the moist-curing time period between the first and second coats shall not be less than 24 hours. Moist curing shall not be required where job and weather conditions are favorable to the retention of moisture in the cement plaster for the required time period.

b. Twenty-four-hour minimum interval between coats of interior cement plaster. For alternate method of application, see Section 2512.8. c. Finish coat plaster is permitted to be applied to interior Portland cement base coats after a 48-hour period.

2512.7 APPLICATION TO SOLID BACKINGS

Where applied over gypsum backing as specified in Section 2510.5 or directly to unit masonry surfaces, the second coat is permitted to be applied as soon as the first coat has attained sufficient hard-ness.

2512.8 ALTERNATE METHOD OF APPLICATION.

The second coat is permitted to be applied as soon as the first coat has attained sufficiently rigidity to receive the second coat.

2512.8.1 ADMIXTURES.

When using this method of application, calcium aluminate cement up to 15 percent of the weight of the Portland cement is permitted to be added to THE MIX.

Curing of the first coat is permitted to be omitted and the second coat shall be cured as set forth in ASTM C 926 and Table 2512.6.

2512.9 FINISH COATS

Cement plaster finish coats shall be applied over base coats that have been in place for the time periods set forth in ASTM C 926. The third or finish coat shall be applied with sufficient material and pressure to bond and to cover the brown coat and shall be of sufficient thick-ness to conceal the brown coat.

These notes were obtained from 2015 IBC.

ISSUE FOR: FOR INTER REVIEW ONLY BID ONLY PERMITS SET CONSTRUCTION SET

REVISIIONS:



573 WASH 77 XX CAR CITY INNEL) AT EAGUE BAY MARINA **PROPOSI** 464 \sim

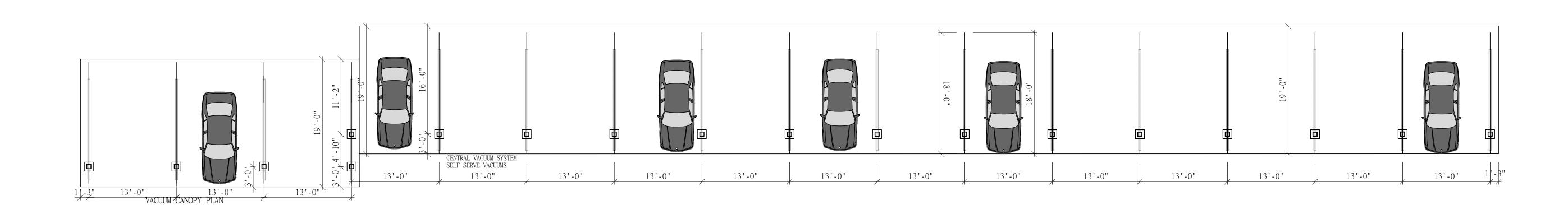
ASHLEY BICE

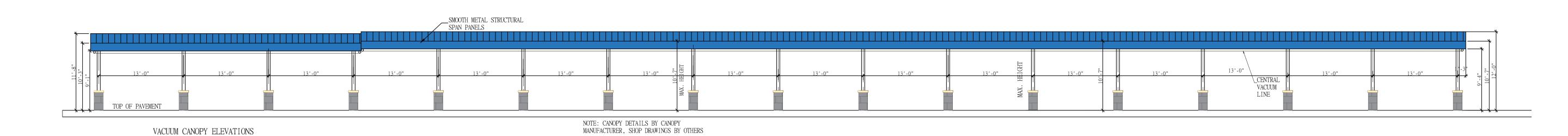
08/21/2024 24-034 SCALE DRAWN BY <u>∱\&</u>''=1'-0'' CHECKED BY A.Z SHEET TITLE

> **ELEVATION** 3 & 4

DRAWING NUMBER:

A-2.1

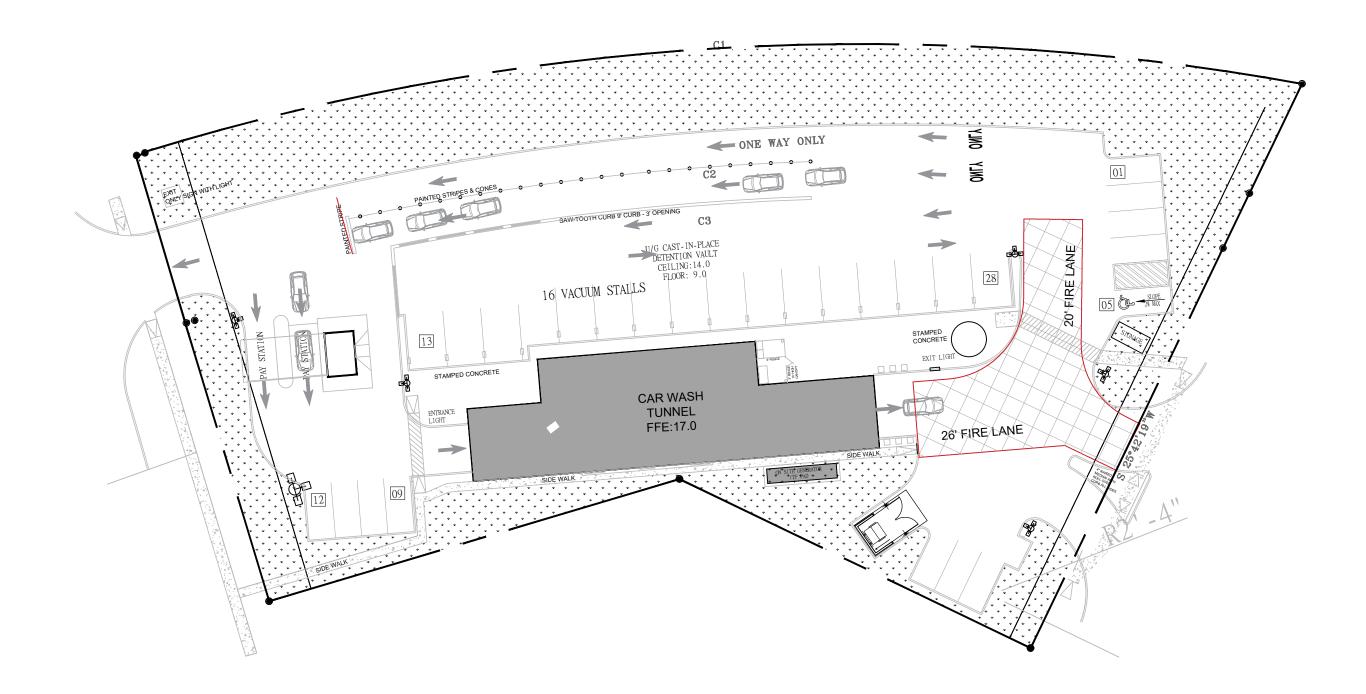




VACUUM CANOPY PLAN & ELEVATION

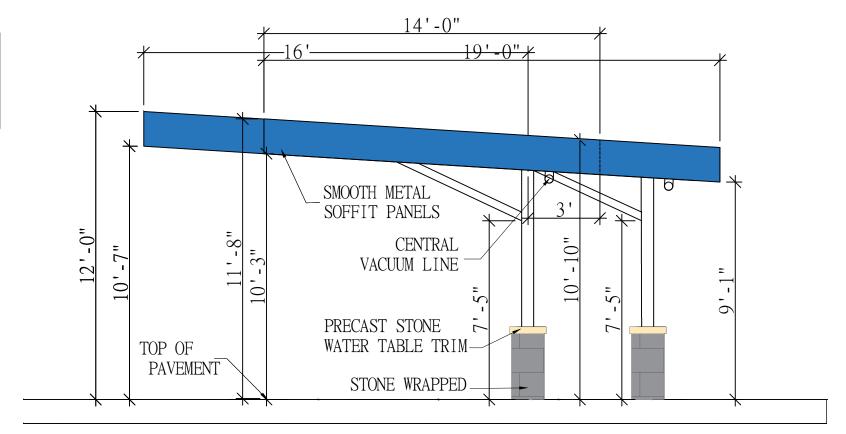
Scale: 1/8"=1'0"

MAKMO DESIGN - DESIGN WITH A DIFFERENT APPROACH =



SITE PLAN FOR VACUUM LOCATION

CENTRAL VACUUM SYSTEM EQUIPMENT WILL BE INSIDE THE MAIN CAR WASH BUILDING



VACUUM CANOPY SIDE ELEVATION

Scale: 1/4"=1'0"

- 1. ALL STUDS AND / OR JOIST AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, GAUGE AND SPACING SHOWN ON THE DRAWINGS.
- ALL STRUCTURAL MEMBERS AND CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS",
- SHALL BE SQUARE, WITH COMPONENTS ATTACHED IN A MANNER AS TO PREVENT RACKING. HANDLING AND LIFTING SHALL BE DONE IN A MANNER SO AS NOT CAUSE DISTORTION IN ANY MANNER

- RUNNER SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE. PROPOSED CONNECTION TO BE SUBMITTED FOR APPROVAL.

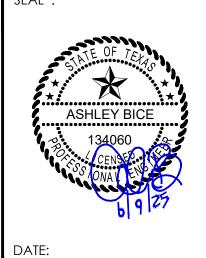
JOIST FLANGE BETWEEN SOLID BLOCKING. REFERENCE MANUFACTURER INSTALLATION INSTRUCTIONS.

FOR INTER REVIEW ONLY BID ONLY PERMITS SET CONSTRUCTION SET

REVI	siions:	
NO.	DATE	DESCRIPTION
		REVISIIONS: NO. DATE



WASH **IUNNEL**



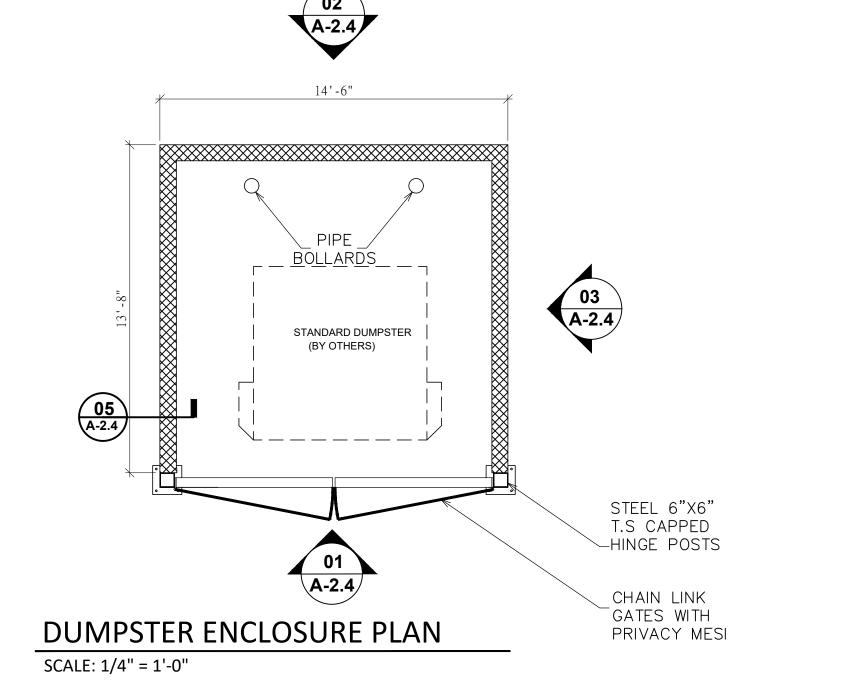
PROJECT NUMBER		04.024
PROJECT NUMBER	•	24-034
SCALE	:	
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CHECKED BY	:	A.Z
SHEET TITLE	:	

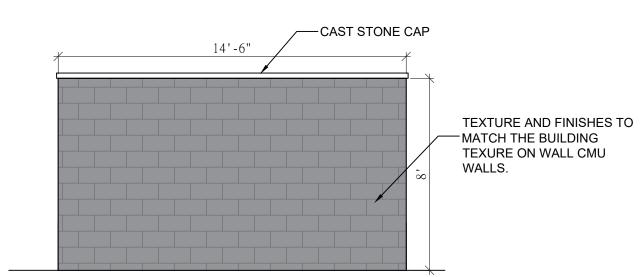
VACUUM CANOPY

DRAWING NUMBER: A-2.2

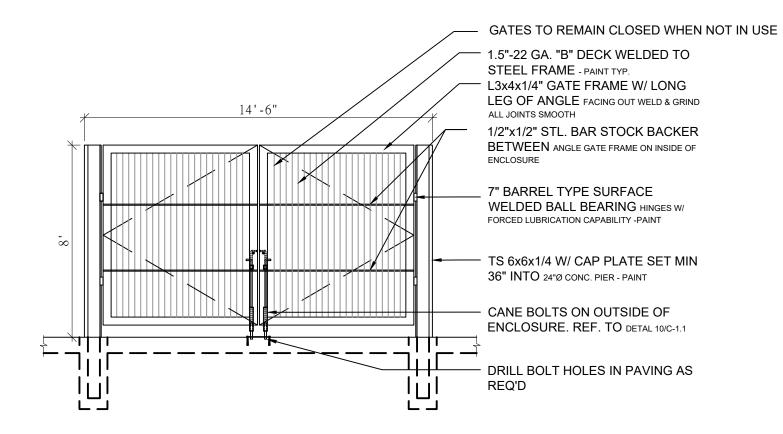
NOTES:

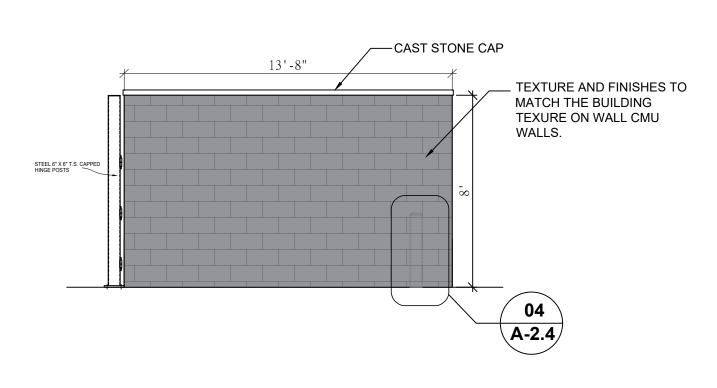
- 1. INSTALL GATE TO SWING CLEAR OF PAVEMENT.
- 2. PROVIDE BOLTS TO SECURE GATES IN FULL OPEN OR CLOSED POSITION.
- SEAL AND PAINT TO MATCH BUILDING.
- ENCLOSURE HEIGHT: MIN 6', MAX 8'.
- MATERIALS MUST BE COMPATIBLE WITH PRINCIPAL BUILDING.
- DUMPSTER TO REMAIN FULLY SCREENED FROM PUBLIC VIEW.
- 7. ENCLOSURE MUST BE MAINTAINED IN CLEAN, SECURE CONDITION.





O2 ENCLOSURE ELEVATION SCALE: 1/4" = 1'-0"



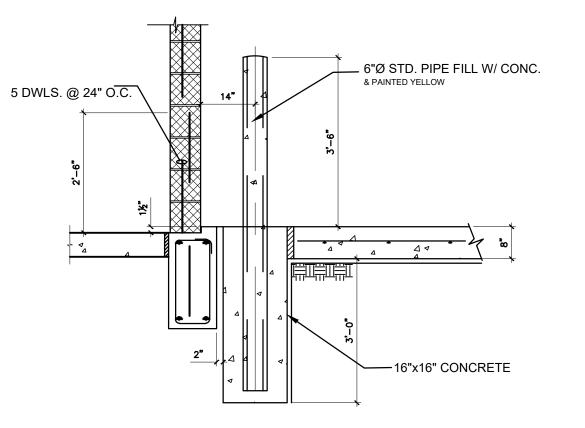






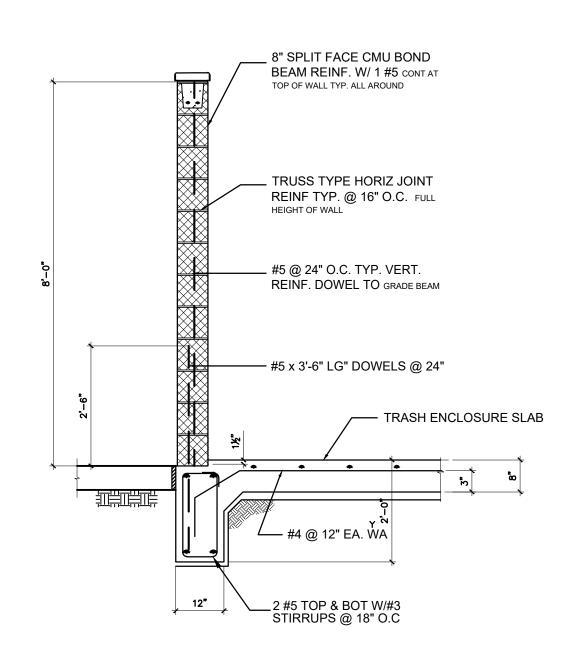
DUMPSTER DETAIL

Scale: 1/4"=1'0"

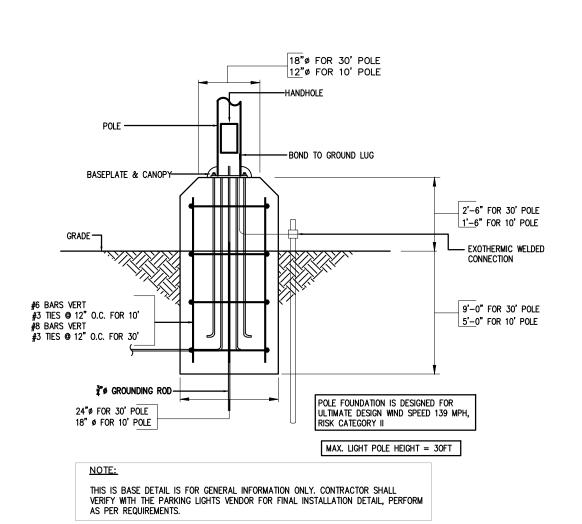


04 ENCLOSURE ELEVATION

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

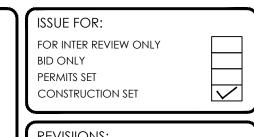


O5 SECTION: DUMPSTER WALLS SCALE: 1/4" = 1'-0"



06 DETAIL: LIGHT POLE FOUNDATION SECTION

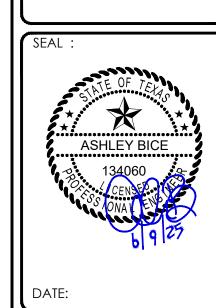
SCALE: 1/4" = 1'-0"



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REVI	siions:	
NO.	DATE	DESCRIPTION



WASH AR TUNNEL ORCA PROPOSED MARINA



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DUMPSTER DETAIL

A-2.4

DRAWING NUMBER: