AMENDMENT NUMBER ONE TO PUBLIC WORKS AGREEMENT FOR CITY PROJECT NO. 23-04

FIRE STATION NO. 4 – TRAINING FACILITY (SITE IMPROVEMENTS)

This Amendment Number One ("Amendment") is dated May 22, 2024, ("Effective Date"), by and between the CITY OF COSTA MESA, a municipal corporation ("City") and Caliba, Inc., a California Corporation ("Contractor").

WHEREAS, City and Contractor entered into an agreement on May 22, 2024 for to construct public improvements (the "Agreement"); and

WHEREAS, City and Contractor originally established an annual not-to-exceed amount of \$3,486,000; and

WHEREAS, City and Contractor agreed to reduce the scope of the work.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

- 1. The parties agree to the terms stated in Contract Changer Order No. 0001 attached hereto as Exhibit A, including the reduction of the contract amount to \$2,230,688.
- 2. All terms not defined herein shall have the same meaning and use as set forth in the Agreement, as amended.
- 3. All other terms, conditions, and provisions of the Agreement, as amended, shall remain in full force and effect.
- 4. This Amendment may be executed in one or more counterparts, each of which shall be deemed an original. All counterparts shall be construed together and shall constitute one agreement.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by and through their respective authorized officers, as of the date first above written.

CONTRACTOR		
Signature	Date: 7-2-24	
Adam Othman, President		
Name and Title		

CITY OF COSTA MESA

Finance Director

Lori Ann Farrell Harrison City Manager	Date: 7 18 20 24
Brenda Green Brenda Green City Clerk	Date:
APPROVED AS TO FORM: Timber Vall Barlow City Attorney	Date: 7/16/29
APPROVED AS TO INSURANCE: Ruth Wang Risk Management	Date: 7/8/24
APPROVED AS TO CONTENT: Seung Yang City Engineer	Date: 7/3/24
DEPARTMENTAL APPROVAL: Raja Sethuraman Public Works Director	Date:
PURCHASING APPROVAL: Carel Molina	Date: July 11,007

EXHIBIT A CONTRACT CHANGE ORDER #1



CITY OF COSTA MESA

PUBLIC WORKS DEPARTMENT

PROJECT FIRE STATION NO. 4 – TRAINING FACILITY (SITE IMPROVEMENTS) SHEET 1 OF 1

CONTRACT CHANGE ORDER NO. _____ SUPPL NO. _____ REV.____

	N/A	CITY SPECIFICA	TION NO	23-04
To	Caliba Inc.			Contractor
You are hereby directed	to make the herein descril I specifications of this cont	bed changes from the plans and sp tract.	ecifications or do the	
NOTE: This change ord	der is not effective until a	approved in accordance with Cou	ıncil Policy No. 700	-1
	account. Unless otherwise	ntities, and prices to be paid. Segress stated, rates for rental of equipment		
Change Reques	sted by: CITY			
Restroom Remodel items	s, the Carports and Solar	ntractor for a reduction of the orig Panel Systems, and a 5% reduction own on the project plans addendum	n of the structural co	
measures, overhead and shown on the plans in the	d profit, and any other an he amount of \$1,155,312	c including all labor, equipment, m cillary costs related to the exclusion .00, as well as a voluntary reducting by the City, the total credited amon	on of the scope of wo	vork per Change Order No. 1 the allowance for unforeseen
this change order shall co		laims for disputed or undisputed was pensation for all additional work as to No. 23-04.		
<u> </u>	Descrip	otion	Amount	%
1				
Original Co	ntract Amount:		\$3,486,000.00	100.00%
		ge Orders:	\$3,486,000.00 \$0.00	0.00%
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Previously Amount this	Appproved Contract Changs Contract Change Order:	ge Orders:	\$0.00 -\$1,255,312.00 \$2,230,688.00	0.00% -36.01%
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Previously Amount this Revised Contract Revised Contract Revised Contract Prepared by: Hector Submitted by: Seung Young Approval Recommended Approved: Lori Ann Father Submitted Contract Recommended Approved: Lori Ann Father Revised Contract Recommended Approved: Lori Ann Father Revised Recommended Recomme	Appproved Contract Change S Contract Change Order: TOTAL COST: It change order, time of contract Amount Soriano #.5. Yang #.713[24] It change order, time of contractor, have given carrovide all equipment, furni	INCREASE DECREASE INCREASE INCREAS	\$0.00 -\$1,255,312.00 \$2,230,688.00 : -\$1,255,312.00 : 0 working days. proposed and here herwise be noted abrices shown above.	0.00% -36.01% 63.99% by agree, if this proposal is

OWNER PROPOSAL REQUEST **ARCHITECT** CONTRACTOR **FIELD OTHER OTHER** PROJECT: Costa Mesa Training **PROPOSAL** Facility (Scope of Work Review) **REQUEST NO.:1** Project 230075.01 DATE: 06/17/2024 (name/address) OWNER: City of Costa Mesa ARCHITECT'S 2300 Placentia Avenue, PROJECT NO .: Costa Mesa, CA 92627 230075.53

TO: Caliba Inc. 8031 Main Street, Stanton, CA 90680 (Adam Othman) President CEO CONTRACT DATE:

Please submit an itemized quotation for changes in the Contract sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description: (Written Description of the Work)

- 1. The scope of work noted as Revision 3 Change Order 1 is noted with a delta 3 clouded in red and identified per sheet and as noted below. This work will be built at later time. All prior addenda information applies to the project and is noted as Delta 1 and 2 unless denoted as Delta 3. Sheet numbers: Refer to sheet index on T1 for sheets that were removed from scope of work.
- 2. The concrete scope of work is being removed for the perimeter around the existing classroom building and where the new restrooms are designed. This work will be built at another time.
- 3. Concrete to support the booster pumps is required. The concrete scope of work is being revised for the area under the pump house design that will be built at another time to AC paving. Asphalt sections for the proposed application are recommended to be 3.5 inches of Asphalt over 9.5 inches of class II base. Subgrade and aggregate base should be compacted to 95% relative compaction, determined in accordance with ASTM D1557 modified proctor laboratory maximum density.
- 4. The concrete scope for the solar project area, including footings and solar project is being revised from the scope of work that will be built at another time. The revised concrete scope of work under the carport for parking passenger vehicles only, would be revised from 6" reinforced concrete /8A.B. /95% compacted subgrade paving to 5 inches over prepared subgrade soils (other areas should remain the same). Concrete should have a compressive strength of 3,500 psi and subgrade soils should be compacted to 95% relative compaction, determined in accordance with ASTM D1557 modified proctor laboratory maximum density. Construction joints should be spaced no greater than 12.5 feet with proper dowel per detail 17/A14. At the canopy (solar project) parking location only, curbs, and V-gutters will remain as part of the original design of the project.
- 5. The scope of work for the restrooms and ancillary spaces to the existing classroom building is being removed with associated utilities (mechanical, plumbing & electrical) that will be built at later time.
- 6. Removal of 112 LF of 2" water line, removal of water shut-off valve, removal of 55 LF of 4" sewer line, removal of 2 sewer cleanouts, removal of 140 LF of 4" storm drain line, removal of 2 storm drain cleanouts, removal of 32 LF of v-gutter, removal of 120 LF of deeplift AC, removal of 2,965 sf of 8" PCC/8"AB, removal of demolition costs.

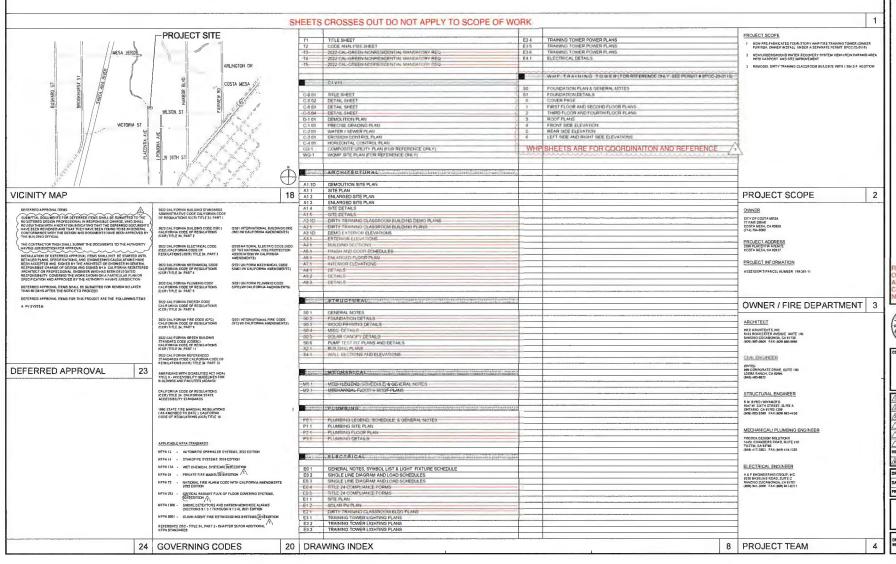
Architect: PBK ARCHI	TECTS, INC.			
Ву:	4	6/13/2024	, Jose Vallarta	
/ File Name (pbk239)	/ Jose Vallarta			
/ He Nume (ppk239)	Associate Principal			

Attachments:

Full set of drawings with Delta 3, & hi-lited red.

Costa Mesa Fire Training Center

2300 Placentia Avenue City of Costa Mesa, California





RANCHO CUCAMONGA 8183 ROCHESTER AVENUE, SUITE RANCHO CUCAMONGA, CA 9173

SA FIRE TRAINING CENTER
CITY OF COSTA MESA
2300 PLACENTIA AVENUE
COSTA MESA, CA 92627

REVISION 3, CHANGE ORDER 1 6/13/24 ITEMS ARE NOTED AS DELTA 3 CLOUDED IN RED OR NOTED AS NIC.



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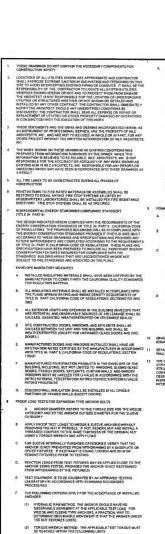
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$\overline{\Lambda}$	12/05/23		SST PC COMMENTS

DRAWN: SY	CHECKED: KN
DATE: 12/22/2023	SCALE: AS NOTED
PROJECT NUMBER: 2	30075

TITLE SHEET

DRAWING NUMBER T1



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GENERAL NOTES

ALL MICHOR BOLTS OF THE EXPANSION TYPE INSTALLED IN CONCRETE SHALL BE ONE OF THE FOLLOWING

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 STANLESS STEEL WEDGE ANCHOR - ICC-ES ESR-4266
 SWINSON - STRONGBOLT 2
 STANLESS STEEL WEDGE ANCHOR - ICC-ES ESR-3007

		ISTALLATION T OR LIGHTWEIG!	
	DIA (IN)	(FT-LBS)	EMBEDMENT (IN)
-	1/4"	6	1 1/2*
KWK	3/8"	30	1 1/2", 2", 2 1/2"
BOLT TZ2 ESR-4266	1/2"	40	1 1/2", 2", 2 1/2", 3 1/4
	5/5"	60	2 3/4", 3 1/4", 4"
	3/4"	125	3 147, 3 347, 4 34
	1/4"	4	1 3/4"
STRONG	3/8*	20	2 5/8*
BCLT 2	1/2"	35	3 1/2"
ESR-3037	5/8"	55	4 3/8"
	3/4"	10D	5 1/4"

IL ALL ANCHOR BOLTS OF THE EXPANSION TYPE INSTALLED IN GROUT-FILLED MASONRY SHALL BE ONE OF THE FOLLOWING

1 HILTI, INC. - KWW BOLT TZ: SASOKRY ANCHORS - ICC-ES EST-4561 2 SWIPSON - STRONG BOLT 2 MASOKRY ANCHORS - IAPMO UES ER-46

		ISTALLATION TO R LIGHTWEIGH	
	DIA (IN)	(FT-LBS)	EMBEDMENT (IN)
	1/4*	5	1 1/2"
KWK	3/8"	15	1 1/2", 2 1/2"
BOLT TZ2	1/2"	25	2"; 3 1/4"
ESR-4561	5/8"	35	2 3/4" , 4"
	3/4"	50	3 1/4" , 4 3/4"
	1/4"	4	1 3/4"
STRONG	3/8"	20	2 5/8"
BOLT 2 ER-240	1/2"	35	3 1/2"
	5/8"	55	4 3/8"
	3/4"	100	5 1/4"

POWDER DRIVEN CONCRETE PASTENERS

 GENERAL USE OF POWDER DRIVEN CONCRETE FASTENERS FOR TENSION LOADS IS LIMITED TO BUPPORT OF WINCE LOADS LIKE ACCUSTICAL CEILINGS, CULT WORK, COMPUT

ALLOWABLE LOADS IN GENERAL, LOADS SHOULD BE LIMITED TO LESS THAN 100 POUNDS HOWEVER, OR EATER LOADS MAY BE PERMITTED FOR SPECIAL CASES WHEN APPROVED BY THE CHECKING SUPERVISOR OR FIELD ENGINEER

TERTING THE COPERATOR, TOOL AND PASTORE BALL SE PRECIDENCE OF THE STATEMET SHALL SERVICE AND THE SECOND THE SET OF THE SECOND THE SE

D ALL POWDER DRIVEN CHINCRETE FASTENERS ENAUL SE ONE OF THE FOLLOWING.

(1). HETI, INC X-DHI PINS - WOOD PLATE - ICC/ES NO 1280 X-DHI PINS - STEEL TRACK - ICC/ES NO 2348

(2) ITW RAMSET/REDHEAD DRIVE PIN - WOOD PLATE - ICC/ES NO 1147 DRIVE PIN - STEEL TRACK - ICC/ES NO 1039

GRADING PERMIT AND ROUGH GRADING APPROVAL ARE RECLIRED PRIOR TO ISSUANCE OF A BUILDING PERMIT

SEPARATE PERMIT IN RECURSED FOR EACH BUILDING STRUCTURE SUCH AS FEND WALLS AND RETARRING WALLS, LIGHT POLES, SIGNS, ETC.

THE DYNNER SHALL EMPLOY THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN OF PER ROID DESIGNATION OF THEM TO PERFORM VISUAL STRUCTURAL DESIGN ON PER STRUCTURAL SYSTEM AT PROMPEDIAL STRUCTURAL DESIGNATION OF THE STRUCTURAL SYSTEM AT DESIGNATION CONSTRUCTION STRUCTURE AND ATTHE COMPLITION OF THE STRUCTURAL SYSTEM OSSERVED DEFE EMPLIES WALL BE REPORTED TO OWNER, CONTRACTOR, SPECIAL OSSERVED DEFE EMPLIES WALL BE REPORTED TO OWNER, CONTRACTOR, SPECIAL TO SERVED DEFE EMPLIES WALL BE REPORTED TO OWNER, CONTRACTOR, SPECIAL TO SERVED DEFE EMPLIES WALL BE REPORTED TO OWNER, CONTRACTOR, SPECIAL TO SERVED DEFE EMPLIES WALL SERVED THE STRUCTURE OF THE

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DIRTY TRAINING CLASSROOM BUILDING

COSTA MESA FIRE TRAINING CENTER

2300 PLACENTIA AVENUE COSTA MESA, CA 92627

CITY OF COSTA MESA

8183 ROCHESTER AVENUE, BUITE 100 RANCHO CUCAMONGA, CA 91730 808-887-0909 P

To Calling

Revision 3: Change O

DIAMET HOME CHECKED KN

DATE: 12/22/2023 SCALE: AS NOTE:

CODE ANALYSIS

T2

ABBREVIATIONS 15 FLOOR PLAN ANALYSIS 3/16"=1"-0" SPACE USE AND OCCUPANT LOAD SCHEDULE, TABLE No. 10-A jake to 03 7632 de d'able 1904 sp AREA IDENTITY - CODE ANALYSIS DIRTYTRAINING CLASSROOM BUILDING BUILDING SECTION CONSTRUCTION TYPE TYPE VS - NONSPAI ALLOWABLE BUILDING HEIGHT (TABLE 50x 1, 50x 4) (1) (A-E.1) DETAIL NUMBER 40 FT / 2 STORES 96 5 FT / 1 STORY ALLOWABLE AREA (YABLE 508 2) ACTUAL ARRA 9,000 5 F 2,796 5 F = 9,000 5 F 0 - CICCUPANT LOAD NOTE * (ASTERISK) INDICATES DUPLICATED OCC <₽ CARPORT OCCUPANCY GROUP U. SECTION 312 (0000) TYPE VE - NONSP ALLOWABLE BUILDING HEIGHT (TABLE 501 3, 504 4). ACTUAL HEIGHT: 40 FT / 2 STORIES 100 L ALLOWABLE AREA (TABLE 909.2) ACTUAL AREA +F-FAFF 100 ROOM NAME (A) (1 GRID IDENTIFICATION 1 THERE WILL BE NO HAZARDOUS MATERIALS STORED OR USED WITHIN BUILDINGS THAT EXCEED GBC 2022 TABLES 307 1(1) AND 307 N(2) 20 GRAPHIC SYMBOLS 16 SPACE USE 12 AREA IDENTITY 8 | CODE ANALYSIS 3/16*=1'-0" 4

GRADING NOTES

- Insurance of a grading permit does not obvious firs need for permits from other organical with regulatory responsibilities for construction activities associated with the work authorised on this plan.
- The Grading Permit and an approved copy of the Grading Man shall be on the permitted site while work is in progress.

- The Chill Implices that be available during grading to varily compliants with the plans, specifications code and any special condition of the promit within their purview.
- The Bell Engineer and Engineering Geologist shall, after closeing and prior to the placement of 88 in companis, hypotic deach, carryen it control of adverse shall be until adversaries, and extensive as other controls. The placement of 188 in companis, hypotic dealers will adversarie be adversaried to the dealers of the placement of 188 in explored and constructed prior to the descentance of 188 in explore as exercises.

- 13. All wishing fits sholl be approved by the Building efficial or removed prior to placing additional file
- 14. Pill sholl be compacted throughout to a minimum of 1975 relative compaction. Aggregate base for apphabilic area shall be compacted to a minimum of 1975 relative compaction. Maximum dentily shall be delemented by Uniform building Code. Blandoot Nr. 7-1 or appeared explosized and field dentity by Uniform building Code. Blandoot Nr. 7-2 or appeared explosized and field dentity by Uniform building.

- When cut posts are brought to near grade. The Engine sting Geologist shall determine if the bestrect is even thely healthed as faulted and will readly hommall water. If considered near-story by the Engineering See sleggli and to lift players, a composed fill blanket will be played.
- 17. All tranch trackfll shall be fested and approved by the Jell Engineer per the Geoding Cade.
- Any existing intgotton times and obtains shall be removed or crusted in piece and approved by the Building Official and Jell Engineer.

- Any extring compact and sopic torist shall be obasidened in compliance with the Uniform Flumbing Code to the approval of FDED/Tudding Impaction.
- 24. Expert sell must be transported to a legal dump or to a possibled site approved by the District Grading
- The permittee shall comply with the Grading Code requirements for houl router when an excess of 5,000 cubic years of eaths is temporated to or harm a permitted site on public residency.

- 26. All cancrole shuctures lind come in cardiact with the en-site relis shall be constructed with Type V carners, under deemed unnecessary by saluble subtile-centers test geoducted by the Sal Engineer.

- 31. Sandary facilities shall be mainistized on the site.
- 22. The legation and projection of all villies is the respectibility of the parmittee.
- Appeared professive measures and lemperary definings previous shall be used to profess against properties during grading.
- 34. Grading specifiers including model-monce of a system or will fin one-half take of a human accupancy shall not be conducted between the hours of 6 p.m. and 7 n.m. dolly, on hunday or an a federal Heliday.
- (A) All communities vehicles as equipment tood or mobile, apparaised within 1,000' of a dwelling shall be equipped with properly operating and maintained matters.
- (8) All aparellers shall comply with Gronge County Codified Ordinance Division & (Noise Control).
- (C) Theckpiling and/ervel/cie staging areas shall be located as (as a practicable from strettings and within the limits of grading porm?
- 4. Anabelli sections must be per Coder Posting slots = 2" A/C over 6" A/B. Drives 3" A/C over 10" (Comm.): 12" (Industrial). On print in early groods veloce in a facility Permits by the Othidal Grouding Inspecter, the 1ed Ingine or shall submit for operand, portrained social recommendations bosed on 3" Value condusts of the value grade state, and expected herdic hodices.
- 37. Aspirall concrete shall be constructed per the requirements of RDMD standard Flors No. 1806,
- M. Appregate base section shall be constructed per RDMD Blandard No.1604.
- 31. Real gutters shall be installed to prevent real drainage from failing on manufactured slopes.
- 40. The Civil Engineer, at a condition of rough grade approval, shall provide a bise top with accompanying witness state, and the center of each pad reflecting the pad elevation for precise permits and a buse top with witness states and on the decisions could high-path elevating for the behavior.
- The Engineering tile slegful shall perform periodic inspections and extent a complete repet and map open completen of the reigh gradies.
- The composition report and approved from the leaf language which trade are the hope of field leviling perfectioned. The method of all allowing the in-place density shall be identified whether conditions, which ring, or rack to, and that he reads if we each let. Indicate maximum during the determination shall be performed in verify the accuracy of the memoined configuration and by the field in Christian.

EROSION CONTROL NOTES

- 44. In the case of emergency, coll _____ of 24-HE Phone 8____
- Equipment and works with a superprinty work shall be made available of all lines cheing the many season. No consequent materials shall be explained as all lines and stack-plaid of controlled to collect to facilities and controlled and controlled to collect the season made in the collect of the season made to the collect of the collect
- 44. Design control devices shall not be moved or modified without the approval of the Suitching
- All removable erasion protective devices shall be in place at the end of each working day when the 3-Day Rain Protectibly Research exceeds 47%.
- 4D. After a salandarm, all silt and debits shall be removed from streets, check beans and basins.
- Graded areas on the permitted area perimeter must strain away from the face of slopes of the conclusion of each weeking day. Drainage is to be discribed havened desting localities.
- The permittee and cenhocier shall be responsible and shall the necessary precoxitions to prevent public irrespons unic oress where impounded water creates a hazardeus candillon.

ENVIRONMENTAL NOTES

- E4. The permittee shall neally all general controllers, subcontrollers, material suppliers, lessess, and properly averses; that dumping at the mixely into the sterm door system or the watershed is
- Newther shall motificate conduction the in such a condition that on embloyable sheem does not corp water as published will be she. A febrial published is looked but are not limited for self as fed deviced staff user for self-to happened staff and sheed staff published staff as self-to happened staff as fed deviced spatial staff as self-to happened staff as fed deviced spatial staff as fed as

- . IFECIAL HOTE:
 "Burray measured shall be preserved and referenced before construction and replaced after construction proceed after construction proceeds in Section 8771 of the Santress and Professioned Code."

DUST CONTROL NOTES

- A. MOISTEN SOIL PEROS TO GRACING
- WATER EXPOSED SISTACES AS ELECT TWICE A DAY UNDER CALM CONDITIONS AND AS OFFEN AS NEEDED ON WINDY DAYS WHITH WINDS ARE LESS THAN 25 MILES FED DAY OR DUPING VERY DRY WEATERS IN ORDER ON ARMANIA A SUSFACE CRUST AND PREVEN
- TREAT ANY ASSA THAT WILL BE EXPOSED FOR EXTENDED PERIODS WITH A SOIL CONDITIONER TO STARRIES SOIL OR TRAPPORABLLY PLANT WITH VEGSTATION.
- D. WASH MUD-COVERED TRES AND UNDER-CARMAGES OF TRUCKS SEAVING CONSTRUCTION STEE

- G. CEASE GRADING DURING PERIODS WHEN WINDS EXCEED 25 MILES FOR HOUR.
- H. PROVIDE FOR PERMANENT SEATING OF ALL GRADED ATEAT, AS APPLICABLE AT THE EARLIEST

OWNER

ARCHITECT

SOIL ENGINEER

LEGEND

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~~~~~~		FEEC.	ELECTRIC
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		F.F.	FINISHED FLOOR
12W	EXITING VILLY LINE	P.H.	PIRE HYDRANT
	[DETON EA SEE GHA STYT]	F.L.	FLOWLINE
		P.4.	FINISHED SURFACE
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も回ノー	ETORM DRAIN & GRATE	86, 16,	MANHOLE
~~~		P/A	FLANTER AREA
	STORM DEATH AND CLEANOUT	P.F.	POWER POLE
- 25 0		P,O.C.	POINT OF CONNE
- Alexander	FIREST LIGHT	P.D.	FOOF DEATH
50		LO.W.	RIGHT OF WAY
842	VALVE	#D	STORM DRAIN
di-		22.	शास्त्र
0.	REE HYDRANT	T, C,	TOP OF CURE
%	UGST STANDARD	T.D.	TOP OF BECK
80	UGRT STANDARD	121.	TELEPHONE
		T.G.	10F OF GRATE
		7.7.	TOP OF FOOTING
		tos	TOP OF SUBGRADI
		7.90.	TOP OF WALL
		3	SANTARY SEWER
		w	WATER
		W.J.F.	MEGUCAL MON I
		W.M.	WATER METER

SITE IMPROVEMENT PLANS

COSTA MESA FIRE TRAINING CENTER COSTA MESA FIRE DEPARTMENT

2300 PLACENTIA AVE.

COSTA MESA, CA 92627

COUNTY OF ORANGE STATE OF CALIFORNIA

NOTICE TO CONTRACTOR

CAUTION: THE ENGINIZE PEPPARING THESE PLANS WILL NOT SE SESPONSISE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO, OR USES OF THESE PLANE, ALL CHANGES TO THE PLANS MUST BE IN WITTING, AND MUST SE APPROVED BY THE PLANE OF THESE PLANE.

EXISTING UNDERGROUND STRUCTURES

HE DISPICE A MEDICACIONE O A MATE MEDICACION DE MEDICACION CONTRETE DA MATE MATE A MEDICACION A MATERIAL PRIMARIA DE CONTRETE DA MEDICACION A MATERIAL PRIMARIA PRIMA

COUNTY OF DRANGE BENCH MASK NO "CM-SF-DI"

ELEV.: 79.ETT [NAVDAN, 2005 LEVELED]

DESCRIBED BY OCS 2004 - FOUND 3 3 YG** OCS ALUMINUM ERICHMARE DIR STAMPED "CM-95-0", EF IN THE NORTHWEITER'S CONTEX OF AN BY. BY A O.T. CONCERT CATCH SADM. MONWENTH I OCARD IN THE SOUTHWEITER'S PROTOCO OF THE INTERCENCE OF A PRACTISES AN APPINE ADDITE REVENANCE TO STANDARD SIGN ESTADOL 3.3 IF. WEITERSY OF THE CONTESSION OF A PLACEMENT AND SIZE TO SOUTHWEST OF THE CONTESSION OF THE CONTES

THE BEASINGS SHOWN RESECUTARE SASED UPON THE CENTERSINE OF JOANN ST. NAVING A BEASING OF M 87-2750" E.
PER TRACT MAP NO. 14137, SECOSDED IN SOOD 574, PAGES IS AND 9, OFFICIAL SECONDS OF COUNTY OF DEANGE.

LEGAL DESCRIPTION

A PORTION OF LOT A OF THE BANKING TEACT, AS PER FLAT RECORDED IN SIGNS 1, PAGES 34-36, OF MAPS IN THE OFFICE OF THE COUNTY SECONDES OF SAID COUNTY.

TIOOD TONE	ZONE X (AREAS DETERMINED TO BE ONTRIDE THE 0.2% ANNUAL CHANCE OF
	PLD DOPLAND
	PER PLOOD INSURANCE RATE MAP (FIRM) PANEL 246 OF 839

EARTHWORK				
AREA DISTURBED:	0.7±	ACRES		
RAW CUT	1.50	CUBIC YARDS		
SHEINKAGE (7.8%) *	[10]	CUBIC YAPDS		
FILL	100	CUBIC YARDS		
SHEINEAGE - O/E (7.FK) " SUBSIDENCE (0,1-FOOT) "	110 270	CUBIC YARDS		
IMPORT **	270	CUBIC YARDS		
OVER-EXCAVATION *	2,725	CURIC YARDS		

THE ABOVE CUT/FILL QUANTITIES ARE FOR PERMIT FURNOSES DAILY. THUS CALCULATION DOES NOT INCLUDE SOLLS FROM BUILDING OR WALL FOOTINGS NOR ANY UNITY TRANSING MEAN THE TOP TO USE FROM WITH THE TOP TO WAS TO USE FROM WITH THE TOP TO USE FROM ANY FROM THE OWNER THE TOP TO USE FROM THE TOP TO USE FROM THE TOP THE THE TOP TO USE FROM THE TOP THE TOP TO USE FROM THE TOP TO USE TO USE FROM THE TOP TO USE TO USE FROM THE TOP TO USE TO

** NOTICE TO THE CONTRACTOR

RESIGNABLE PROVIDED FOR SAMETHING HAM CRECK INFORMATION RECONSTRUCTION OF THE PROPERTY ONLY, THE COMPRECION SHALL PERFORM AN INDEPENDENT ESTIMATE OF ALL IMPROVEMENT QUANTITIES INCLUDING GLADING QUANTITIES AND SAME AS A BASE TOP HIS BIOLS) AND CONTRACTIS).

THE GRADING CONTRACTOR SHALL BY RESPONSIBLE AND ACCOUNT FOR DISTRIBUTING ANY EXCESS MATERIAL OF SUPPLYING ANY DEFICIENCIES TO SKING THE SITE SO DESIGN GRADE.

NOTE TO CONTRACTOR:

CONSTRUCTION NOTES/ESTIMATE OF QUANTITIES

NO.	DESCRIPTION	DUANTITY
NO.	GENERAL CONSTRUCTION NOTES	Christilla
69	CONTRACT & SENT, CONC. / F. A.S. / TEX COMPACTED SUBGRADE PAVING PER ASCHITECT PLANS	23 250 17
(3)	CONTRACT # SINT, CONC. / F A.I. / TEX COMPACTED SUBGRADE PAVING PER ARCHITECT PLANS	-
-3-	and the second s	2.348 37
6	CONSTRUCT 4" CONC. FAVING PER ARCHITECT PLANS	195.17
<u> </u>	CONSTRUCT CURB & GUTTER PER CITY OF COSTA MEIA STD. DWG. NO. 312. C.F. PER PLAN	45 17
<u> </u>	CONSTRUCT CHIE PER CITY OF COSTA MESA STD. DWG. NO. 311, C.F. PER PLAN	200 (7
(0)	CONSTRUCT 3" V-GUITES FER DETAIL 1, SHEET C-0.00	teo (F
0	CONSTRUCT FULL-DEFTH A.C. PAVING PER DETAIL 2, SHEET C-0.02	805 17
0	APPLY 2 COATS OF ASPHALT EMULSION SEALCOAT FEE SSPWC SECTION 263-9	22,630,17
0	CONSTRUCT CATCH SASIN & GRATE PER DETAIL 5, SHEET C-0.02	IEA
•	CONSTRUCT TRENCH REPLACEMENT PER CITY OF COSTA MESA STD. DWG. NO. 813	3101
0	INSTAIL CONCRETE TRENCH DRAIN PER DETAIL 4, SHEET C-0.02	300 LF
(6)	PROTECT IN PLACE	
0)	CONSTRUCT OF PVC (SCH SO) STORM DRAIN PIPE, BEDDING PER CITY OF COSTA META STD. DWG. 813	1104
12	CONSTRUCT 8" PVC (SCH 40) STORM DRAIN MPE, SEDDING PER CITY OF COSTA MESA STD. DWG. 813	11 000
IZA	CONSTRUCT TO PVC (SCH MI) STORM DRAIN MPE, REDDING PM CITY OF COSTA MESA SID, DWG. 613	45 17
(i)	INSTALL HYDRODYNAMIC SEPARATOR (CDS UNIT) PER DETAIL 1. SHEET C-0.03	1EA
(4)	INSTALL UNDERGROUND PERFORATED DETENTION SYSTEM PER DETAIL 1, SHEET C-0.04	1 EA
(1)	INITALL 3,000 GALLON CLARIFIER 729 DETAIL 3, 1922) C-0,03	ZEA
1	INITALI FAMPLE BOX PER DETAIL 2, SHEET C-0.03	2 BA
(17)	CORE INTO EXETTING CATCH BASIN AND CONNECT - WATERPROOF CONNECTION WITH GROUT	188
(1)	CONNECT TO EXITTING STORM DRAIN	100
1	CONSTRUCT STORM DRAIN CLEAN OUT FEE DETAIL 5, SHEET C-5.02	IIIA
<u></u>	CONNECT TO BUILDING ROOF DUMB	214
<u>0</u>	CONNECT TO TENCH DEAIN	10
6	CONNECT TO UNDERGROUND STORAGE TANK - SEE PLUMBING PLANS	1 EA
<u>a</u>	CONTINUET BLANKET PROTECTION FOR PIPES PER SPYWC STD. DWG. 228-3	1 2a
69	CONSTRUCT CHES FACE TRANSFRON PER DETAIL 7, SHEET C-0.02	18 17
9	CONTINUES CURE NAME FOR CITY OF COSTA MESA STD, DWG. NO. 414, CASE C - 182 ACCRITECT PLANS FOR MODIFICATIONS	1 EA
蓟	PROF. PUMP HOUSE AND UNDERGROUND STORAGE TANK - 125 PLUMBING PLANS	~~
4	SEE SHEET D-1.81 TON DEMOLITCH CONSTRUCTION NOTES	-
_	SEE SHEET C-2.01 FOR WATER/SEWER CONSTRUCTION HOTES	
	SEE SHEET C-3 (1) FOR ENOSIGN CONTROL CONTRINCTION NOTES	
	HE INST C.401 FOR HORZONGAL CONTROL CONTRICTION NOTES	

NOTICE TO CONTRACTOR:

THE ESTIMATES OF IMPROVEMENT AND GRADING DUANTITIES AS SHOWN HEREON ARE PROVIDED FOR SATISFYING FIAN CHECK INFORMATION SEQUESTMENTS ONLY. THE CONTRACTOR SHALL PERFORM AN INOFFINENT ESTIMATE OF ALL IMPROVEMENT OVANITIES. INCLUDING GRADING GUARTIES AND SHALL USE SAME AS A SHALL USE SAME AS A SHALL USE.

SHEET INDEX	
SHEET	NUMBER
THE SHEET	C-0.01
DETAIL SHEET	C-007 TO C-0.04
DEMOLITION PLAN	0-1.01
PRECISE GRADING FLAN	C-1.01
WATER/SEWES PLAN	C-201
FROSION CONTROL FLAN	C-2,01
OBTOMIAL CONTROL PLAN	C-4.01
COMPOSTE WILLTE PLAN (POF SEFESTINGS CHIT)	CU-1
NOME THE MAN COOK PROPERTY OF THE PO	W0-1





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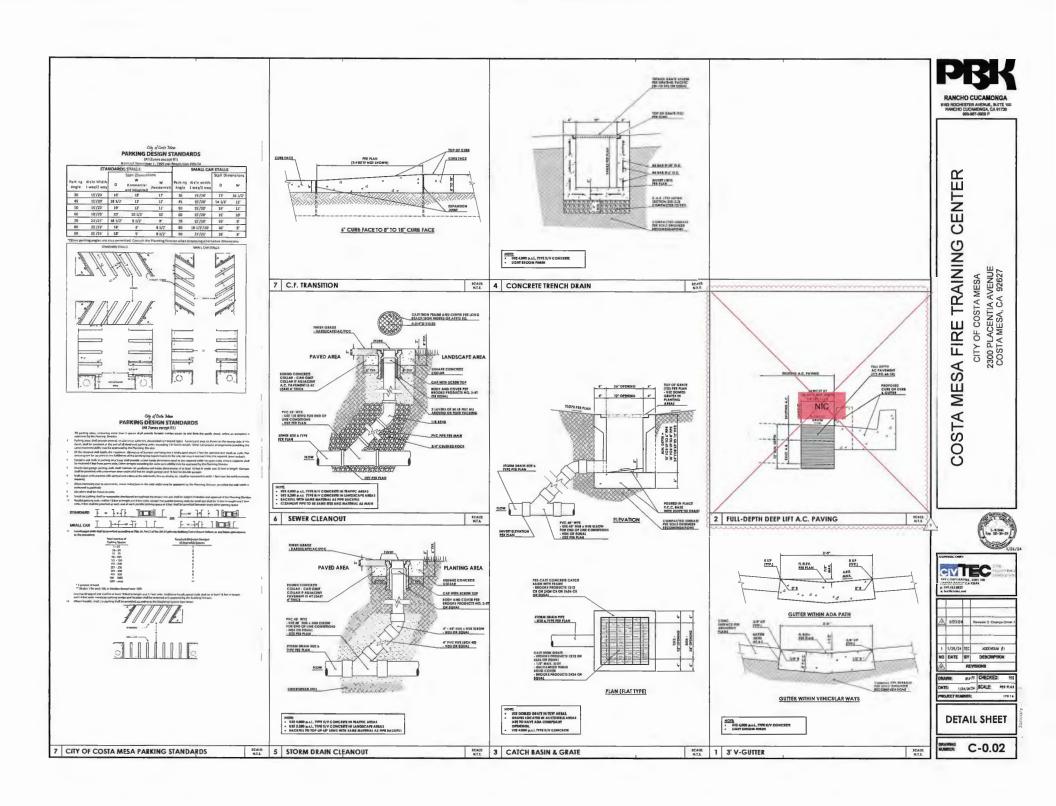
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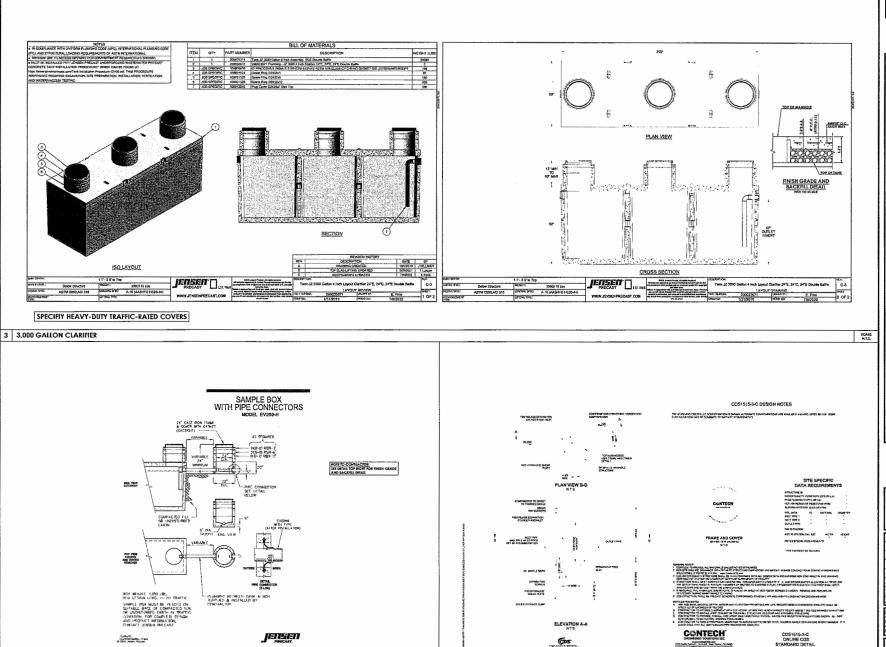


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TITLE SHEET

C-0.01





SCALE 1 HYDRODYNAMIC SEPARATOR (CDS UNIT)

Jensen

19/18/05 (hijhilangata, Hasa 0 (0)3 man Privat

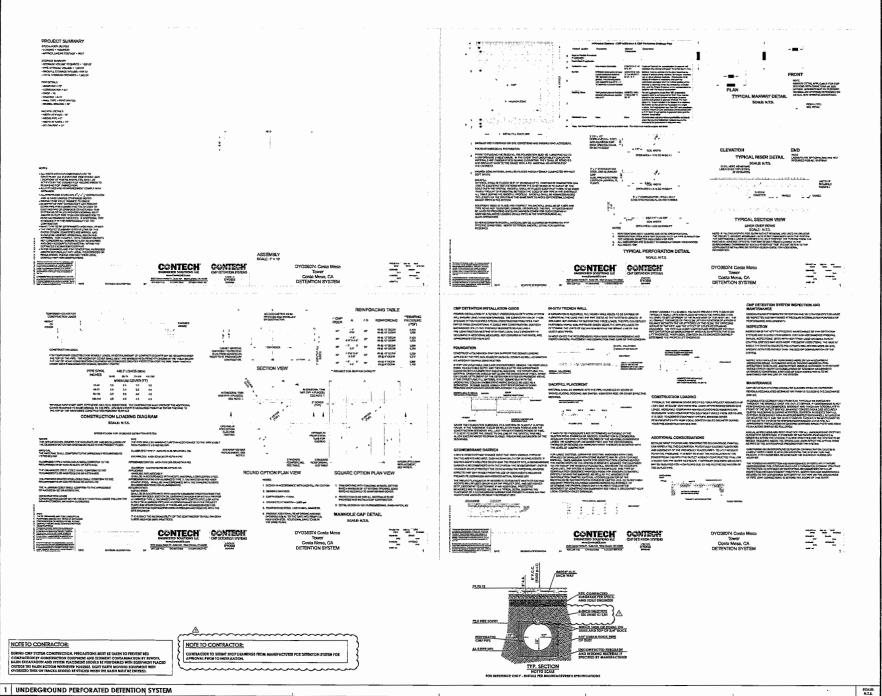
2 SAMPLE BOX

CENTER TRAINING CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627 COSTA MESA FIRE

CALLEC ... ADDENDUM #1 DATE: 1/24/2024 SCALE: FER PL

SCALE N.I.S.

DETAIL SHEET DRAWING C-0.03

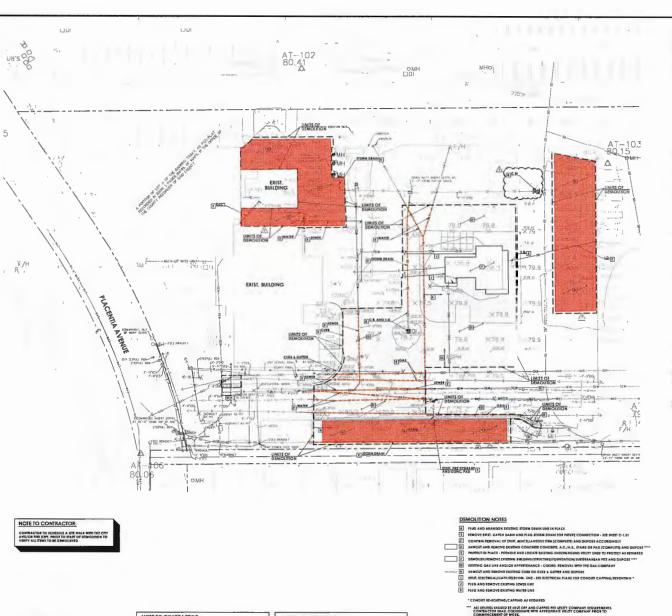


CENTER TRAINING CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627 COSTA MESA FIRI

CIVITEC 1 1/29/24 TEC ADDITION #1

DETAIL SHEET

DRAWING C-0.04



DEMOLITION GENERAL NOTES

1. CONTRACTOR SHALL CONDUCT A SURVEY OF EXETING CON INDICATED TO DETERMINE AND VEHILY THE EXTENT OF DEMO

- WHEN WANTER AND TECTION, I PROCING. OR OTHER TERMEN INCLUSIONS DOUB PAIN, WATER AND INVESTIGATION OF CONTROL OF THE THE PROCESS OF THE THE PROCESS OF THE THE PROCESS OF THE THE PROCESS OF THE PROCESS O
- THACTOR INDIA, POTEST EXPENSE EXPONENT PATRIAL RIGHT DAMAGE DERMO COMMON OPPRIADABLE.

 (INDIA) OPPRIADABLE SAME THE SECONDACTOR, REMOVED, AND PRESCRIP OR CAPPED RETO TO RELIGIOUS OF CAPPED RETO THE RESONANCE CONTINUOUS DESCRIPTION OF THE RESONANCE CONTIN

- INTERFECTE WITH DOISE, THEFTE, MALE, MARIANIA, AND OTHER BRACKET OCCUPIES AND WITH ACKIDIST.

 CONTRACT DIVIDED HISPOLINY PLANTED AND OTHER PROTECTION HIGHER DID NEWFOR CONTRACT BRACKET AND THE PROTECTION, DIRECT RECEIVED HIGHER DID NEWFOR CONTRACT BRACKET WAS AND PROTECTION, DIRECT RECEIVED HISTORIC DIVIDED HIS THE RECEIVED HIS
- SINDONAND HIGHORY WICH THAT IS CARTIFULLY REFORMED IN A YOUR WINDOWN HIGH THAT IS CARTIFULLY REFORMED IN A YOUR WINDOWN HIGH THAT IS CANNOT BE READ OF THE READ OF
- MERICALE INALE OF METIOD STOOMERS AND THE STORMER AND THE TO DIMENSION MODIFIES AND THE STORMER AND THE TOTAL AND THE STORMER AND THE STORMER

LEGEND --- UMIT OF DEMOLITION ----- PROTECT EXISTING WILLTY IN PLACE

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1	1/29/24	Ħε	ADDENDUM #1
NO	DATE	BY	DESCRIPTION
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DAN CHECKED: THE DATE: 1/26/3024 SCALE: PER PLAN

DEMOLITION PLAN

D-1.01

NOTE TO CONTRACTOR

ALL WILLIES SHOULD BE SHUT OFF AND CAFFED FEE UTILITY COMPANY REQUIREMENTS. CONTEACTOR SHALL COORDINATE WITH APPROPRIATE WILLITE COMPANY PRIOR TO COMMERCEMENT OF WORS.

NOTE TO CONTRACTOR

INSTALL 6-FOOT CHAIN LINK FENCE WITH W WHERE RICESLARY, ALONG THE FERMETE CONTRACTOR SHALL FROMETS THESE FENC SECURE DURING DEMOLITION, PROJECT FE SCREEN, PERMETER WATER POLITION OF PROPERTY OF THE CITY AND SHALL REMAIN

NOTE TO CONTRACTOR:

IOCATION OF EXIMING FACILITIES SHOWN HEREON ARE EASED ON THE EXISTING TOPOGRAPHIC SURVEY PERFORMED BY WHITE, INC., DATED AFILI 2023, FILE DESIEVATION AND A SEARCH OF AVAILABLE RECORDS AND MAY NOT REPRESENT ACTUAL CONDITIONS.

CONTRACTOR MUST FIELD LOCATE ALL UTILITIES (LOCATION AND DEFI WITHIN WORK AREA AS A REST ITEM OF WORE AND VEDRY PROPOSES DESIGN IS VALID.

NOTE TO CONTRACTOR:

EXACT LOCATION OF EXISTING UNDERGI



2 CENTE TRAINING

2300 PLACENTIA AVENUE COSTA MESA, CA 92627 CITY OF COSTA MESA

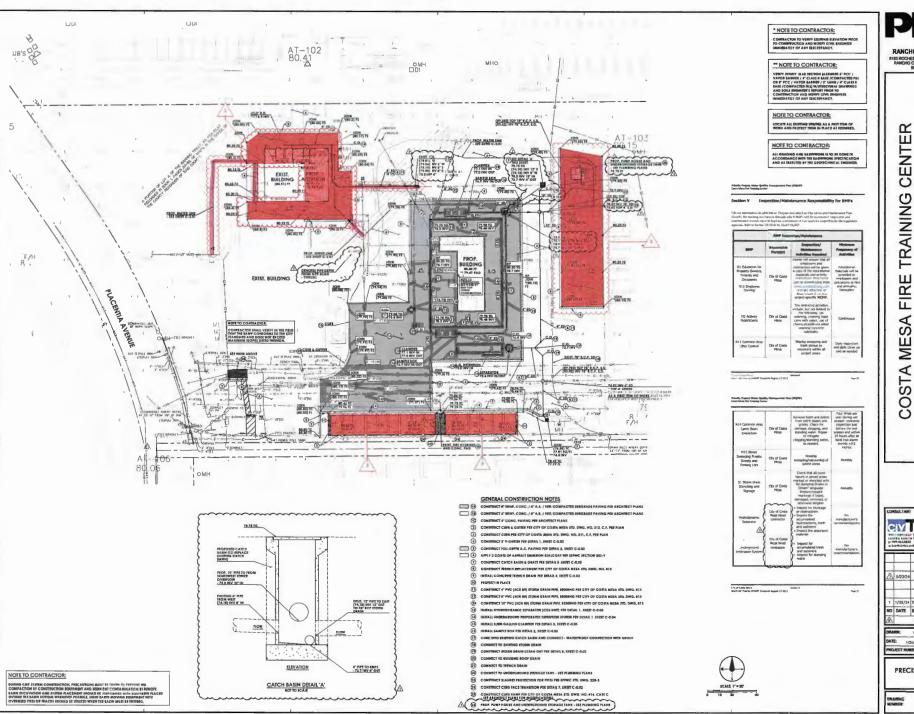
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TRAINING

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2300 PLACENTIA AVENUE COSTA MESA, CA 92627

CITY OF COSTA MESA

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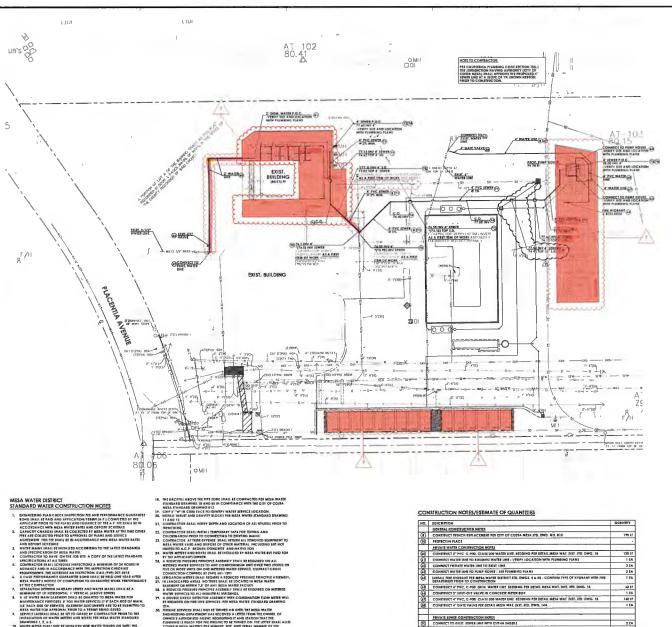


CIVITEC 5/23/24 1 1/29/24 TEC NO DATE BY DESCRIPTION

MAH CHECKED: TEC 1/24/2024 SCALE: HIS FLAS

PRECISE GRADING

C-1.01



NO.	DESCRIPTION	CHINADO
	GENERAL CONTITUCTION HOTES	
(ii)	CONSTRUCT STENCH REPLACEMENT PER CITY OF COSTA MESA STD. DWD. NO. 813	190 LF
(10)	PROTECTIN PLACE	
	PRIVATE WATER CONSTRUCTION NOTES	
(e)	CONSTRUCT 2" PVC C-900, CLASS 200 WATER LINE, REDDING PER DETAIL MESA WAT, DIST, STD. DWG. 18	120 (
(A)	CONNECT WATER USE TO SUILDING WATER DING - VERIFY LOCATION WITH PLUMBING FLANS	T EA
(4)	CONNECT PRIVATE WATER LINE TO EXIST LINE	2 tA
(B)	CONNECT WATER USE TO PUMP HOUSE - SEE PLUMBING PLANS	2 ta
0	INSTALL FREE HYDRAMT PER MESA WATER DISTRICT STD. DWGE. 4 & 48 - CONFIRM TYPE OF HYDRAMT WITH FIRE DEPARTMENT PROVIDED CONSTRUCTION	1 EA
(A)	CONSTRUCT 6" PVC, C-900 DE14 WATER LINE SEDDING PER DETAIL MESA WAT, DIST, STD, DWG, 18	48 (1
(4)	COMMENCE 2" SHUT-OFF VALVE IN CONCRETE METER BOX	1 EA
(ii)	CONSTRUCT 4" PVC, C-900 CLASS 200 WATER SING BEDDING PER DETAIL MEXA WAT DIST. STD DWG. 18	1 60 1
(4)	CONSTRUCT € GATE VALVE PER DETAIL META WAT, DIST, SED, DWG, 14A	1 EA
_	PRIVATE SEWIR CONTRACTION NOTES	
@	CONNECT TO EXIST DEWER LIME WITH CUT-IN SADDLE	2 EA
1	CONSTRUCT 4" PVC SEWER LINE (SDR 36), BEDDING PER DETAIL E, SHEET C-0.02	-7551
3	CONSTRUCT SLANKEY PROTECTION FOR MPES MIS SPINIC STD, DWG. 225-3	4 84
13	CONNECT PRIVATE SEWER LINE TO BUILDING SEWER LINE - VERIFY LOCATION WITH BLDG PLUMBING PLANS	211
04	CONSTRUCT SPWEP CLEANOVI PER DETAIL 6 SMEET C-0.02	4 EA

NOTICE TO THE CONTRACTOR:

* NOTE TO CONTRACTOR:

NOTE TO CONTRACTOR:

VEHITY EXACT INTERAND LOCATION OF EIRIDING WATER P.C.C. WITH PLUMBING DRAWINGS PRIOR TO COMPRICTION AND COORDINATE INSTALL ADDRESS.

NOTE TO CONTRACTOR:

EXISTING UNDERGROUND STRUCTURES

THE EXECUTION OF THESE PLANT AND LOCATION OF ANY UNDERGROUND PIPES OF CONDUCTION OF THESE PLANT AND LOCATION OF THE AVAILABLE

NOTICE TO CONTRACTOR:

CONTRACTOR TO VEHITY BY POTRIQUING THE EXISTING SLEVATION AND INCOMEDINGS FROM TO CONFIDENCE. THE ENGINEER MUST BE NOTIFIED OF ANY DISCREPANCY.

THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES IN DITERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE

RANCHO CUCAMONGA 8183 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 908-987-0908 P

ENTEF $\overline{\circ}$ TRAINING CITY OF COSTA MESA FIRE SA ME

2300 PLACENTIA AVENUE COSTA MESA, CA 92627

CV FC A 5/23/24 Revision 3 Change On 1 1/29/24 TEC ADDENDEM (1 NO DATE BY DESCRIPTION REVISIONS

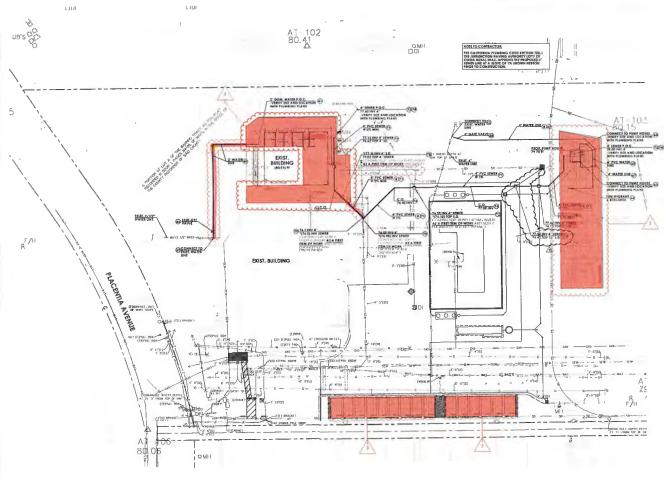
DATE: 1/24/2024 SCALE: PER PLAN PROJECT NUMBER:

WATER /SEWER PLAN

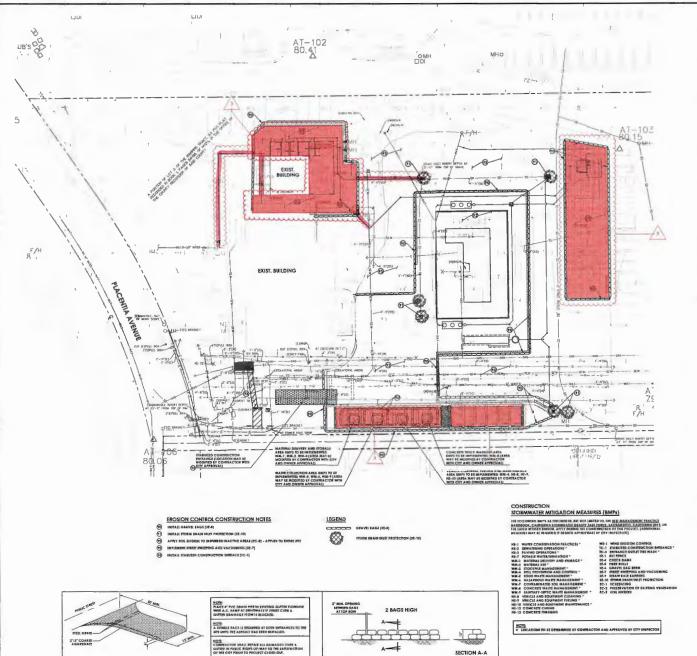
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DRAWING C-2.01



- BAIJE SISTINGS WATER VALVE COVER TO WATER STANDARD DARWING 4. 4A, AND 49 METAL THE HEAD AND THE MAILURE AND THE MAILURE DARWING 4. 4A, AND 49 METAL WATER STANDARD DIAWNING 5. WATER STANDARD STANDARD WATER WA
- If REGISTED CO FIRST USE EXTENCE A TWO SEARCH SEARC



SE-8 GRAVEL BAG DETAILS

TC-1 STABILIZED CONSTRUCTION ENTRANCE

SCALE M.T.S.

EROSION CONTROL

GENERAL NOTES

- ENDBOK CONTROL INALL SE REQUIRED FOR GRADING OPERATIONS DURING THE TAINY
- ILOPES CONSTRUCTED PRIOR TO OCTOBER LET SHALL BE TREATED FOR PROMICH CONTROL.
 PRIOR TO OCTOBER LETH, ELOPES CONSTRUCTED AFTER OCTOBER LET SHALL BE TREATED FOR
 PROMICH CONTROL AS CONSTRUCTED MIRRORITATES.
- THE DESIGN CIVIL ENGINETY SHALL SUPERVISE AND ASSURE EXCUSION CONTROL WORK IS IN ACCORDANCE WITH THE APPROVED FLANE.

_

[74 HOUR TREPHO

- (24 NOVE INTERNAL
- IMPOUND MATER ON PUBLIC APPAI OF THE CREATION OF HATARDONS CONDITIONS
- THE PROJECT AREA OF CHANNELED INTO THE STORM DRAIM SYSTEM WHICH SERVES THE BUNGST AREA, STORM BUNGST FROM ONE AREA SKALL NOT BY DIVERTED TO ANOTHER AREA
- THE PARKY SEADON WHESS HIS APPROVED DEMPACE FACILITIES HAVE SERV COMPLETED.

 CLEARING AND DEVELORMED SHALL SE LIMITED TO A BEAST MAY WILL SPECIAL SHALL SHAL
- DESIGNING SASINS SHALL BE CONSTRUCTED AS INDIVIDUAL ROUGH GRADING APPLASANT COMPLETED
- GRADED AREAS AROUND THE TRACT PERMETER SHALL DRAIN AWAY FROM THE TOE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY.
- 11). TEMPORATE FROM PROTECTION IN ALL SE RECIPED FOR MANUFACTURED SLOPES FRO TO PERMANENT PLANTING.
- PROJECT ARRAF AS WELL AS MEIGHBORING PROPERTY ASEAS SHALL FETAIN RES ACCESS AT ALL TIMES
 ROGEPHENT AND PERSONNEL FOR EMBEGENCY WOPE SHALL BE AVAILABLE AT ALL TIMES
- LOCATIONS TO FACILITATE RAND DITH OF MEDI.

 IS. REMOVABLE PROTECTIVE DIVICES THAIL BE IN PLACE AT ME END OF EACH WORKING DAY
- WHEN THE S-DAY SAM PROMABILITY PORECAST EXCENDS 40 PERCENT.

 14. DEVICES SHALL HOW SE MOVED ON MODIFIC WITHOUT APPROVAL PROM THE CITY ENGINEE
- OR PUBLIC WORKS INSPECTOR

 17. AFTER A BASISTORM, BIT AND DESIGN SHALL BE REMOVED FROM CHECK DAME. BIT FENCE:
- IS. AN UPDATED COPY OF THIS FLAN SHALL BE FEFT AVAILABLE TO THE CITY AT THE PROJECT MTR.
- MODITY THE PLAN AS NECESSARY.

 20. APPROVAL OF THE PAIN HALL MODIFIER THE CONTRACTOR OF REPORTBURNETS TO S
 SITE OF ADJACHST PROPERTY. SEMPORARY REGISSOR CONTROL SHALL INCIUDE
- CONTRIGOROUS MEASURES NECESSARY TO PRIVENT CONTROL AND ARAIT MATE. MUS AND ENCHOUSE MANAGE TO PUBLIC OF PRIVATE PROPERTY IMPACTED BY HIS CONSTRUCTION ACTIVITIES. 21. APPROVAL OF THIS FAM SHALL HOS MUSIN'S THE DEVELOPED OF THE SEPPONDIALITY FOR THE
- APPLOVAL OF THIS THAN SHALL HOT RELIEVE THE DEVELOPER OF THE SELFORBILITY FOR CONTRICTION OF REFORE AND OMISSIONS DISCOVERED DIVING CONSTRUCTION. SPON REQUEST, THE STOURED SEVISIONS SHALL SE SMEATTER FOR APPLOVAL.

GRAVELBAGS:

- GENERAL: GENERAGE SHALL INCLUDE PROMOTING ALL LABOR, MATERIALS, AND EQUIPMENT TO PASSICATE AND INSTALL GRAVELBAGE AS REQUIRED TO PACSISTATE THE CONTROL OF EXCEDIN.
- LOCATION: GRAVELSAGE SHALL SE PLACED FRE PLAN, AND IN LOCATIONS EFECIFIED BY THE CITY, AND IN LOCATIONS DISMED MECESSARY BY THE CONTRACTOR.
- 2. PASECATOR: GRAVELEAGE HALL BE FARMCATED USING FACTORY STWIN OR SEALED BAGS OF WOVEN POLYPROPYLENS, TREATED TO REDIT DEGRADATION BY USBAVIOLET UGST AND
- THE BAGE EXALL SE HILED WITH EUROPHOED TO COMMODO GEAVEL LESS THAN 3/4-INCH IN DEAMPTEE, MITH LESS THAN MIVE PROCENT OF MATERIAL PASSING A NO, 30 SEVE, THE FILLED BAGS SHALL MAYET THE OPIN INDIS SEVELENT FAITHMED PRIOR TO DULVETY TO THAT SITE.
- 4. INITIALIZATION: GRAVELS AGE SHALL BE INITIALIZED IN A 2005 BY DIG MANNER TO ENTRAP SI AND MYD, AND TO DIVIEST THE FLOW OF WATTE, INCOMPRISE AND THE OTHER ENGINEEMENTS OF THIS SPECIFICATION, FAMUSE OF THE BAGS TO PERFORM THIS PUNCTION SHALL BE FEASON TO BUILD'S THEIR MITALIATION.

GRAVIELDS SHALL SHOTFLING WITH THE WINDER FACE ADMINITED GROWING REFFACE OF THE USBRITHMOS CHURCH OF A DAYS. AND RESIDES IN FACE OF COMPOSED TO THE WINDERSTAND SHIPACE, THE LASS SHALL SHALL

Subsprought courses of Bags Shall be placed at described previously with th aid-point of the Bags Stradding the Jorns of Bags in the underlying row.

CONSTRUCTION OF A GRAVITIAN BRIM MERINDICHAR TO THE DRIFTON OF FROM INCOMPONITY AND A PRACED CONFIDENCE ON THE PRESENCE OF THE

DAMAGE WHICH COULD FORESTRIV BE PREVENTED BY PROPER GRAVEIRAG INSTALLAND SKALL BE THE CONTRACTOR'S RESPONSELLY.

EROSION CONTROL NOTES

- A STANDBY CREW FOR EMERGENCY WORK BRAIL BE AVAILABLE AT ALL TIMES DURING THE BANK SEASOM, RECESSARY MATERIAL STALL BE AVAILABLE ON BIT AND STOCKFIED AT CONVENIENT LOCATIONS TO FACILITATE PAPID CONSTRUCTION OF TEMPORARY OFFICES OF TO REPAIR ANY DAMAGED REDISON CONTROL MEASURES WITCH BAIN IS IMMINENT.
- DEVICES SHALL PLUT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
- 1. ALL DEMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH
- A AFTE A SAINTINES AIL BIT AND DEBTS INALL SE PEROVED FROM CRICK SEPH AND DESCRIPE SAINT AND THE SAINT PURPED DET ANY GRADED STOPE SAFACE PROTECTION MANAGEM CAMBAGE OF THE SAINTINES MAIL ALLOS DE IMMEDIATELY SEPTIME.
- FILL SLOPES AT THE CONSTRUCTION AREA PERSONNE MOST DEATH AWAY FROM THE TO THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
- A GWARD BHALL BE POSTED ON THE STE WHITNEYER THE DEPTH OF WATER IN ANY DEVE
- DUBING GRADING OPTRATIONS AND PRIOR TO CONTRECTION OF PERMANENT DEADNA FINGURES TRAPOGRAF ORALINGS CONTICE SHALL BE PROVIDED TO PREVENT FORION WATER AND DAMAGE TO ADJACKT PROPERTIES.
- AL EXCENSO DESIMAGE COMBES ON WE PROJECT ETT MUST CONTRIVE TO JUNCTUP LEPICALITY DEBNG STORMS CONDROME, PROTECTIVE BEASSES AND TEMPORATY DEMNAGE PROYECOM MUST SE VEID TO PROTECT ADJOINING PROPERTIE DUBING COMPRISECTION.





RANCHO CUCAMONGA 8163 ROCHESTER AVENJE, BUTTE 10 RANCHO CUCAMONGA, CA 91730

TRAINING CENTE

FIRE

COSTA MESA

CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

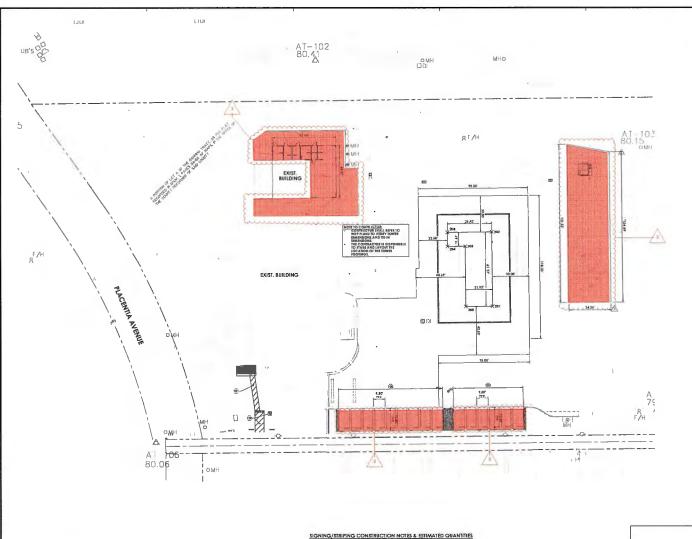
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1/24/2024 SCALE: FEE FLAN

ECT NUMBER: 170 14

EROSION CONTROL PLAN

DRAWING C-3.01



NOTE TO CONTRACTOR

- A COMMACTOR BIAS I STOCKE STEPOWERS FOR POWDING COMPTER, TREET VARIE COLVENT FIELD LATER OF THE WOOD DID THE POWDING THE PROVING THE PROVINGE THE POWDING THE POW
- B. AN AUTOCAD-COMPATILE DWG FILL OF THE PROPOSED INFROVEMENT SHALL SE PROVINED TO THE CONTRACTOR FIRST ON THE FARE TO CONSTRUCTION FOR THE SHEET PREPARATION FOR MCCESSARY THIS SURVEYING / LAYOUT OF FEODOME INMPROVIMENTS THE VIEW OF THIS DIGGAL THE SHALL SE THE SIGLE REPORTED HIS TO THE CONTRACTOR AND IS INTRIBUTED TO A SPIRT THE SHEWTICE HE THE LAYOUT OF THE PROPOSITION SHEWOWERSTS.

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THE DIGITAL INFORMATION PROVIDED BY CHYTC, SHALL NOT SE USED FOR PURPORE CRIPE THAN FOR THE PERFORMANCE AND SHALL NO.

BELEALED TO ANY ORNER PARTY WITHOUT THE WRITTEN CONSERT OF CHIEF THE INFORMATION CONTAINED ON THE PECTROMIC MEDIA IS AN INSTRUMO OF PROVESSIONAL SERVER AND SHALL REGARD HER PERFORM TO CHYCLE.

GENERAL NOTES

- CONTRACTOR SHALL REFERENCE ARCHITECTURAL AND/OF LANGSCAPE PLAN FOR ADDITIONAL HARDICAPE REQUIREMENTS AND DETAILS.
- CONTEACTOR SHASL FEMOVE AND DESPOSE OF EXITING LANDSCAPE AND HARDSCAPE IMPROVEMENTS AS RECESSARY TO CONSTRUCT IMPROVEMENTS SHOWN SERROW
- 1. ALL SIDEWALKS, CURS PETURNS AND ACCESS POINTS SHALL MIRT WILL ON AND

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(<u>0</u> 1	PAINT PEDESTRIAN ACCESSIBLE PATH OF TRAVEL STRIPING PER ASCRISECT FLANS	1.5

NOTICE TO THE CONTRACTOR

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COUNTY OF OPANGE SENCH MARK NO
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HORIZONTAL CONTROL PLAN

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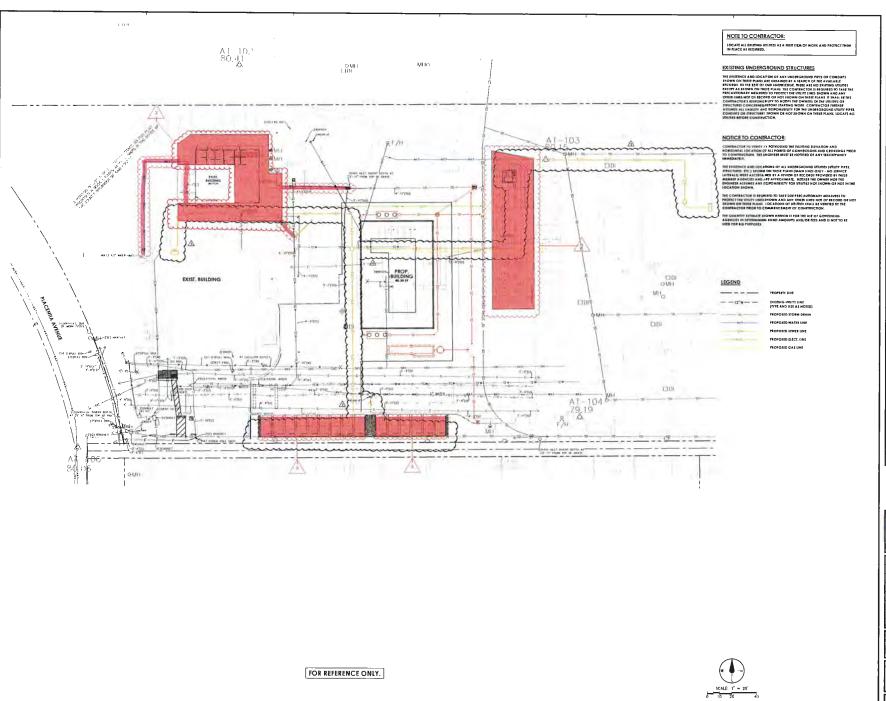
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908-987-0809 P

COSTA MESA FIRE TRAINING CENTER
CITY OF COSTA MESA
2300 PLACENTIA AVENUE
COSTA MESA, CA 92627





RANCHO CUCAMONGA 8163 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 909-987-0909 P

TRAINING CENTER

FIRE

COSTA MESA

CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

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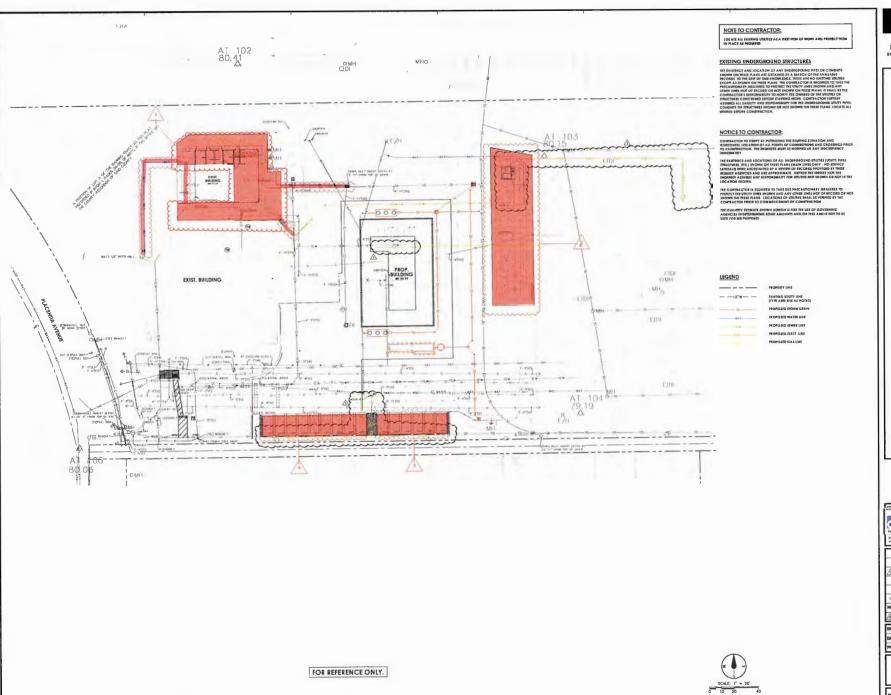
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CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

COSTA MESA FIRE TRAINING CENTER

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COMPOSITE UTILITY

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8153 ROCHESTER AVENUE, BUITE 100 RANCHO CUCAMONGA, CA 91730 909-987-0909 P

TRAINING CENTER CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

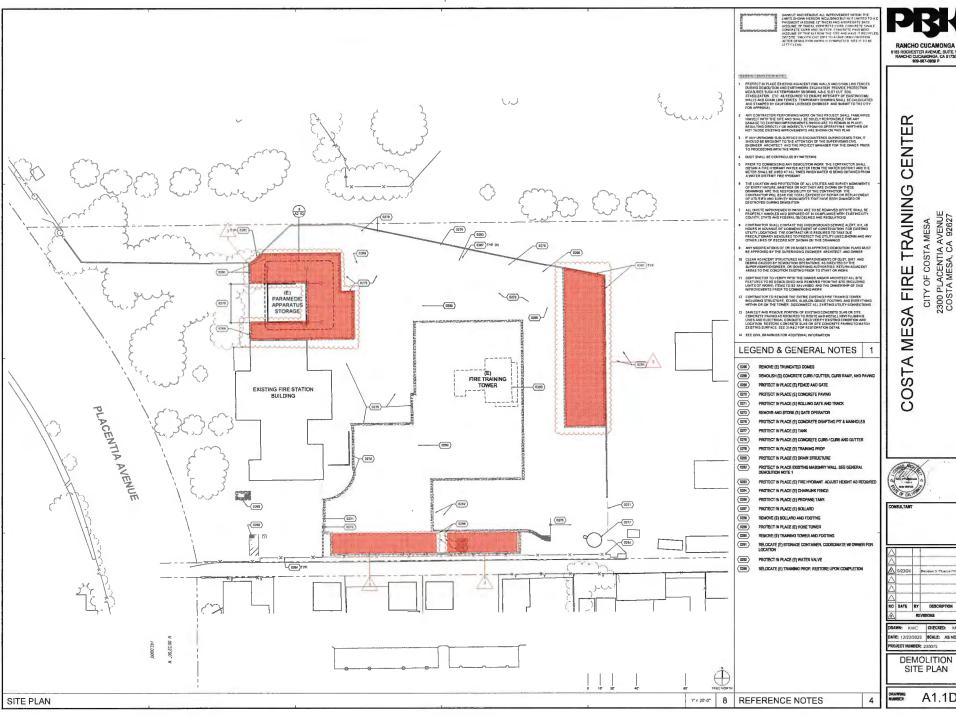
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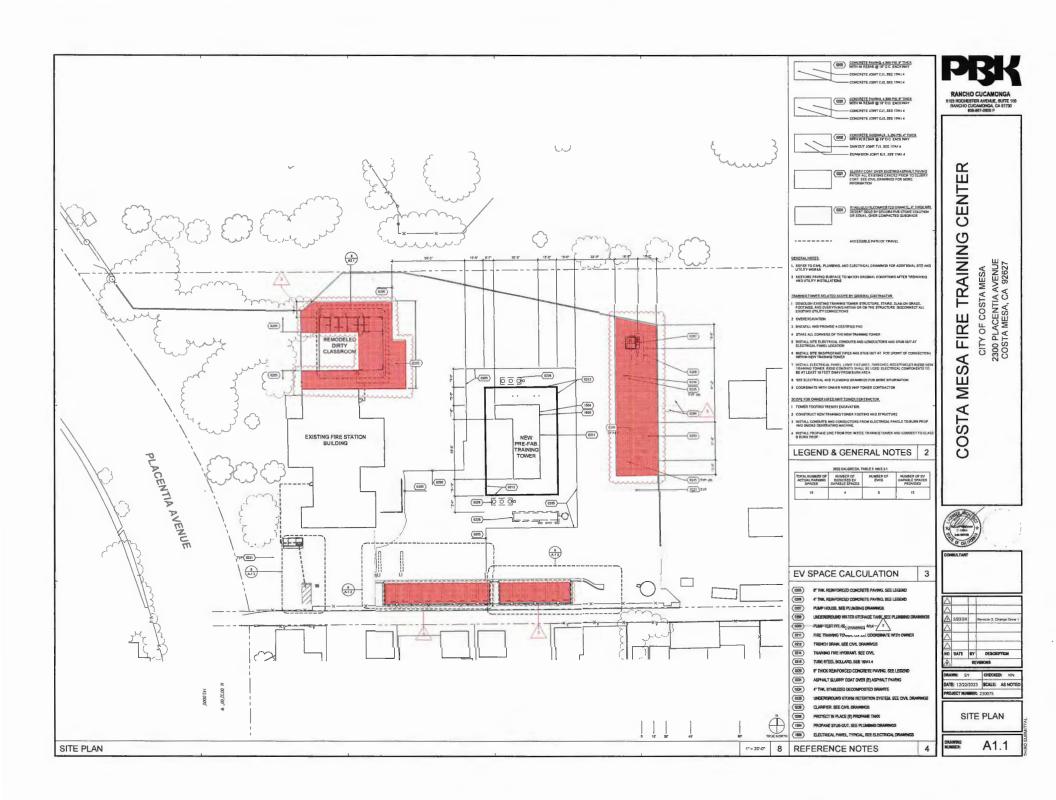
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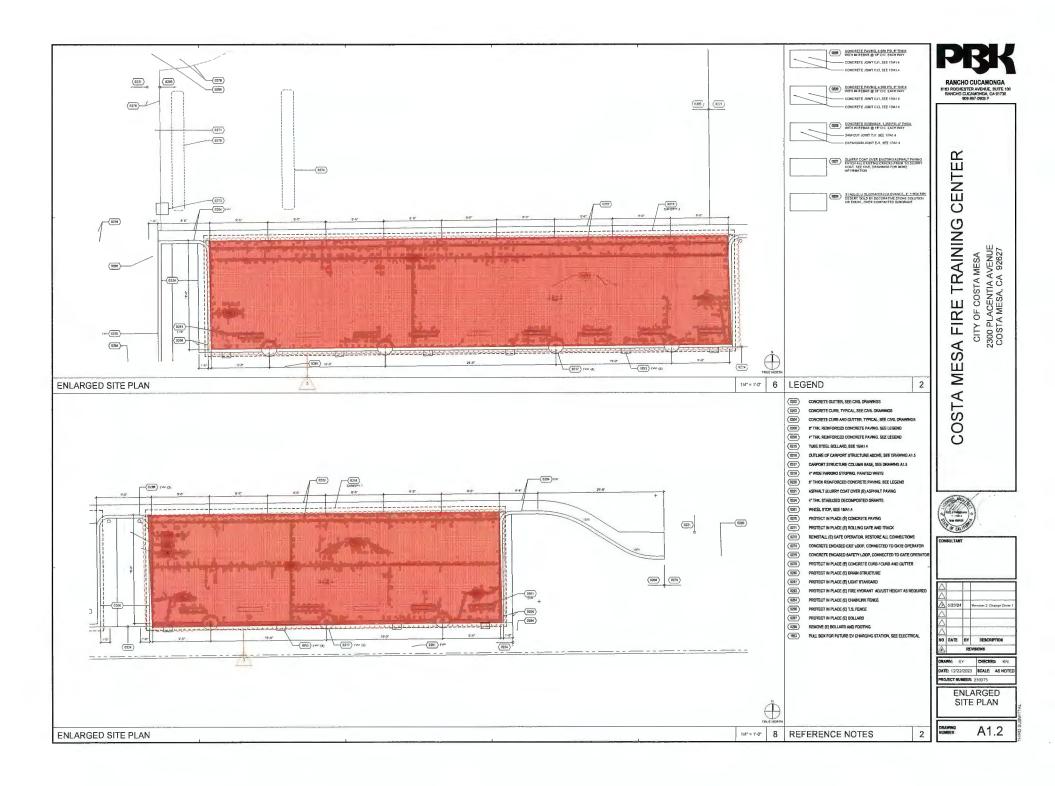


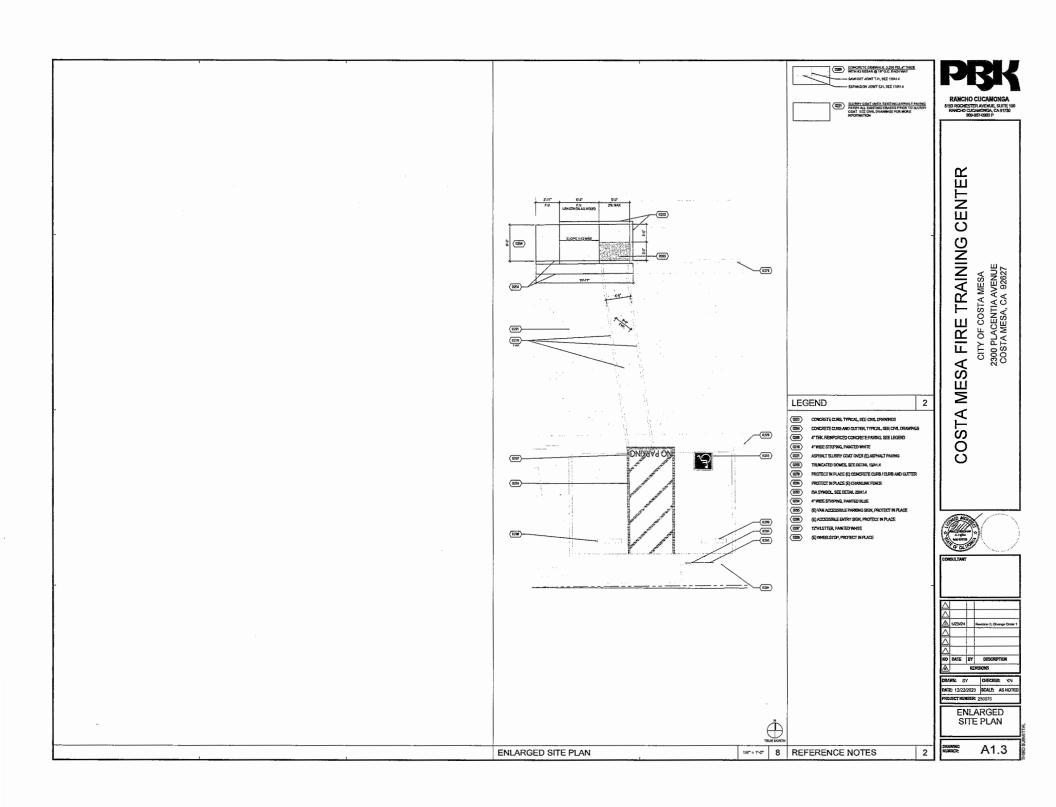
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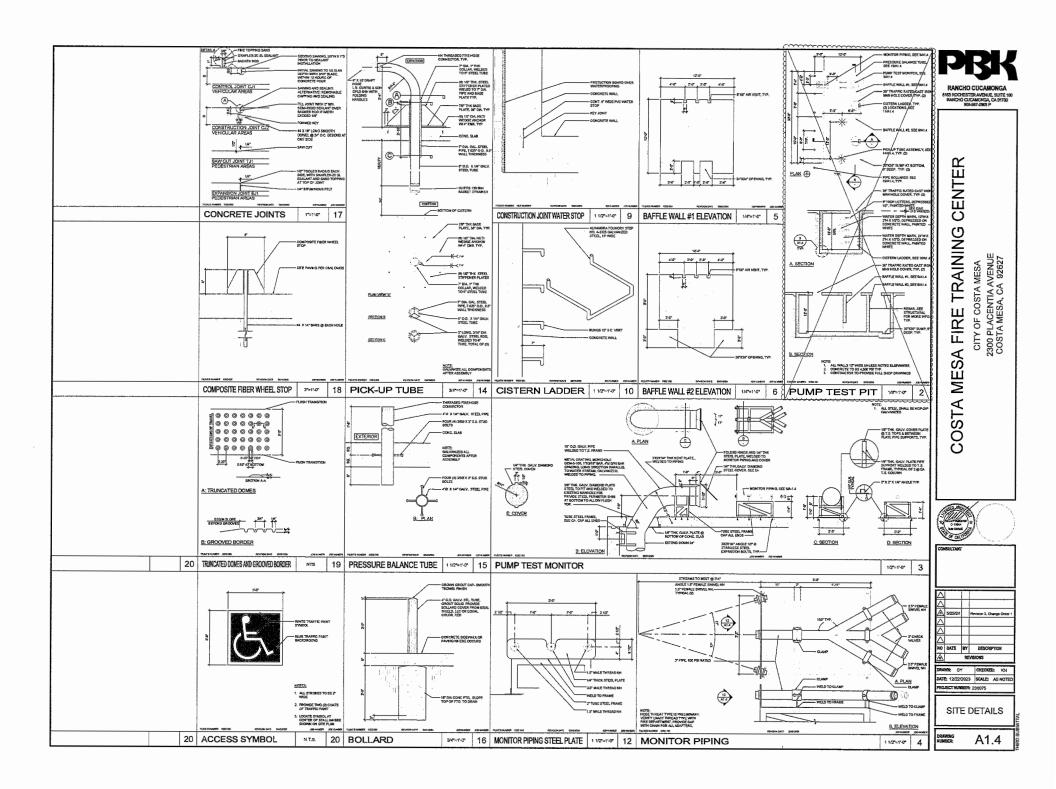
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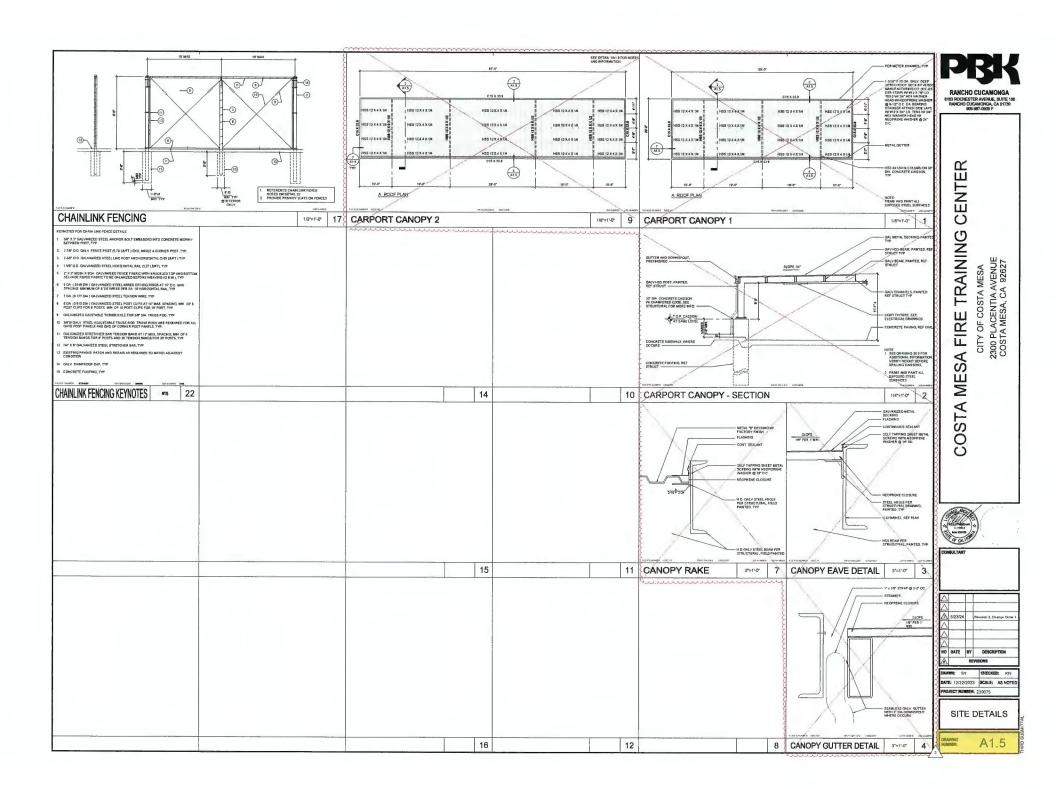
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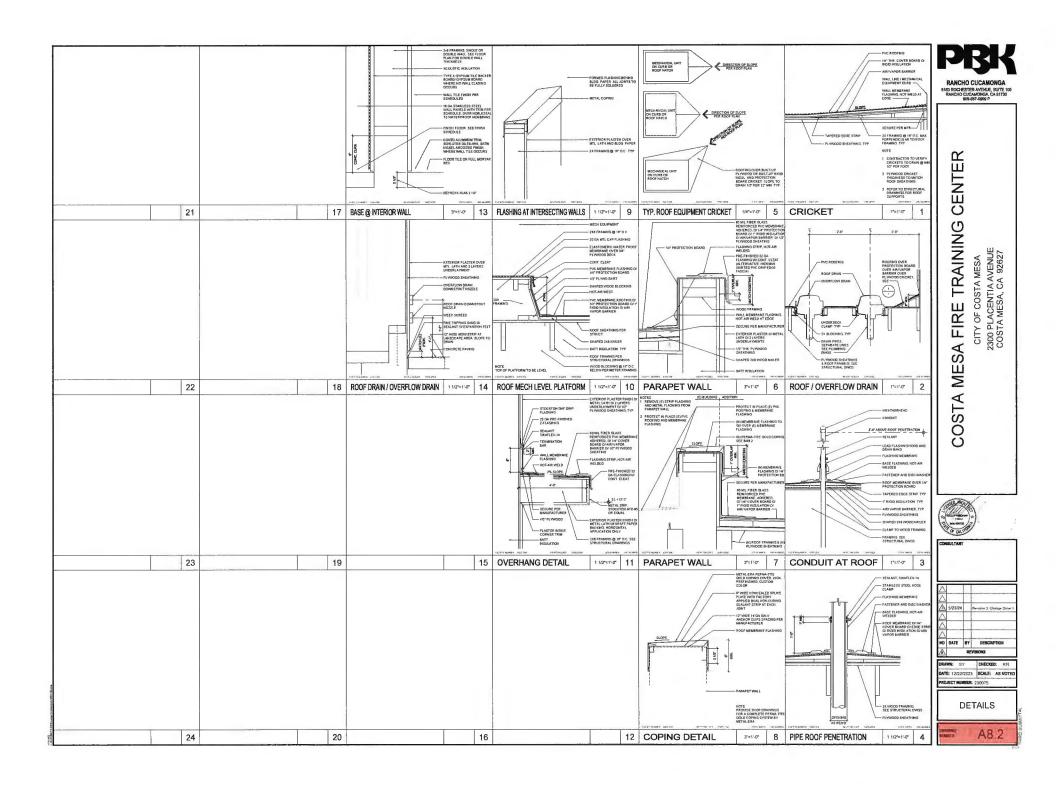


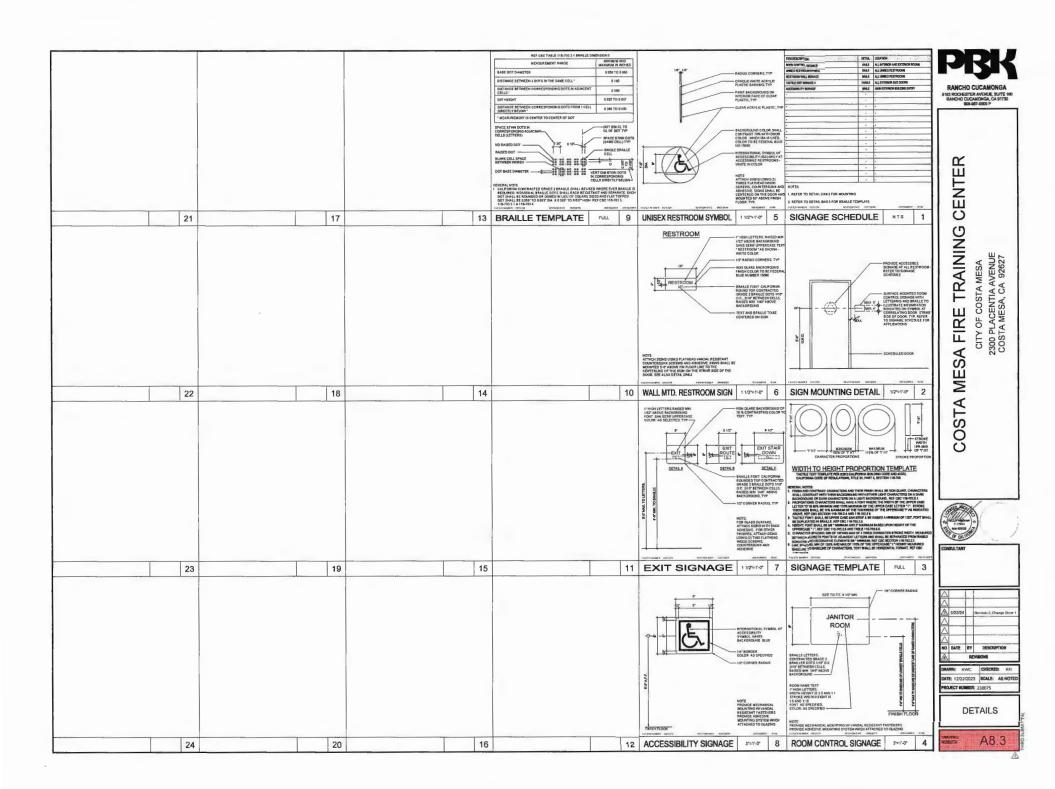


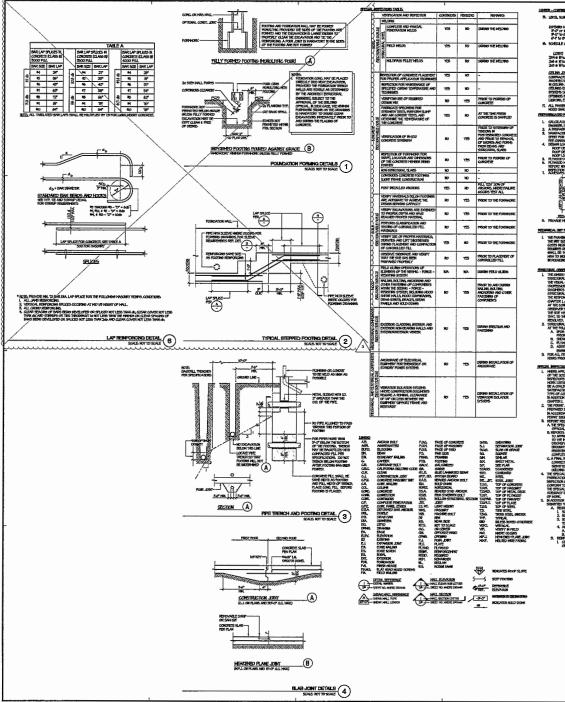












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ERSTREET,			~	CONCERT PROF YEAR DOCUMENT, WHIT ON, CERTS, PORTADO CERT TIPE Y, ARTH C 600 ROSPIL, R.C. COC AND SERVICES MISSEN, ROCK NO SAND, ARTH C 80 DOSES, R.C. COC AND SERVICES MISSEN, ROCK NO SAND, ARTH C 800 DOSES, ARCOR BOLLS, RESISTA, ECC., SPALL BE SECRELY TIED RYPLOZ ROSPILITATION OF A CONTROL OF THE SECRELY TIED RYPLOZ ROSPILITATION OF A CONTROL OF THE SECRETARY TIED RYPLOZ ROSPILITATION OF A CONTROL OF THE SECRETARY TIED RYPLOZ ROSPILITATION OF T
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E 2022 GRG	IS HADE FOR CONSTRUCTION AS DE THE GAMER SHALL EMPLOY CHE CIK VIDE INSPECTIONS DURING CONSTRUC	CE SECUL	۵.	
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COSTA MESA FIRE TRAINING CENTER

2300 PLACENTIA AVENUE COSTA MESA, CA 92627

8163 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 909-487-0909 P



HALL COMPLY HITE THE LATEST EDITION OF THE ASC. LY BY CORTIFIED HELDERS, ALL SHOP HELDERS SHALL BE DONE IN THE

D. ALL WALS APPLED TO PRESONE TREATED LIMITER SHALL BE GA H. PRE-ORAL PLOT HOLES TO ALL HOMER'S FOR HALE 201 OR LAN

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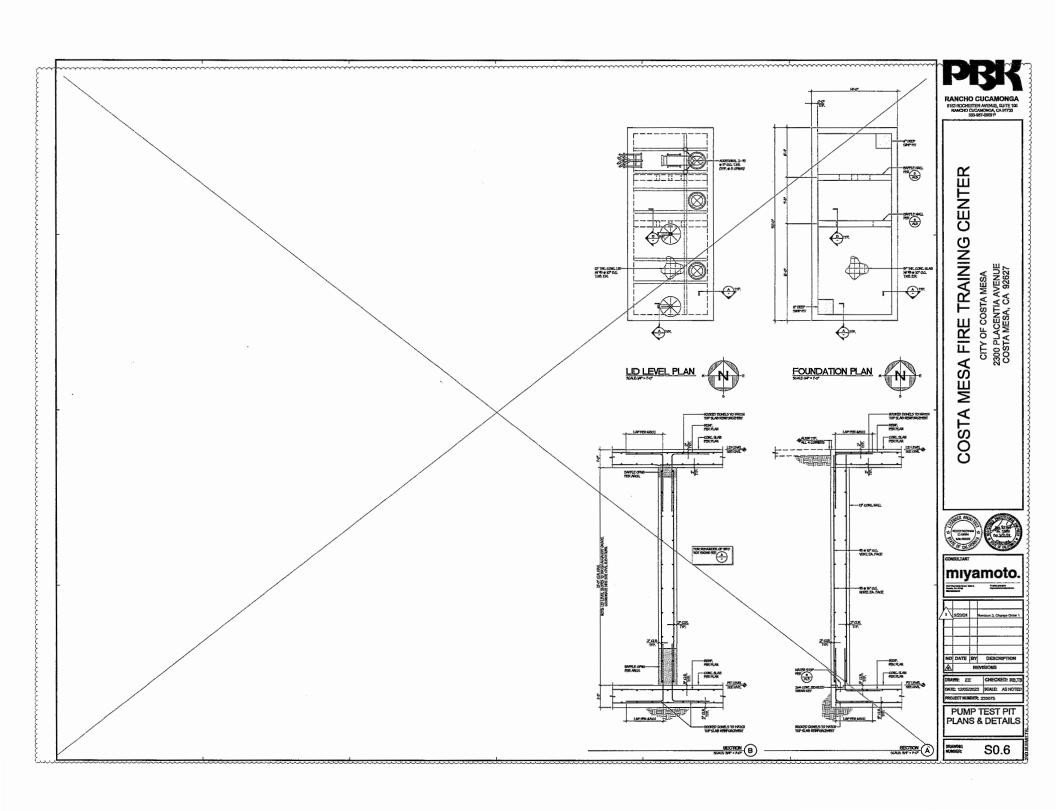
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DATE 12/05/2023 SCALE: AS NOTED
PROJECT NUMBER: 230075

GENERAL NOTES

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ITEM	FIXTURE	TRAP	WASTE	LIGA	HOT	COLD	645	DESCRIPTION	ITEM	FIXTURE	THAP	WASTE	TK3V	HOT	COLD	GAS	DESCRIPTION
(*)	CLOSET	eri	÷	r	-	1+-	30	MEDICAL STANDARD (4/5) NO 3451001 MARCHA FLOMES 45" MEDIT CONCATED FLUSH ANALY-FORET" SPRICE AT FLOME ANALYTIC FLOME AND 15" HOR CONSTRUCT SLOW BLOW ECCO- NO 8111-128 OF BATTERY FORETH SAME CONFIDENCE OF PARTIC FLOW MARCH CLOSHET NO 3552CC STATE AND ACT DICTORY MARCH CLOSHET NO 3552CC STATE AND ACT DICTORY	(F)	2)0100	er	*		3/4	3/4"	18.0	SYMMONS NO. SADE-15 TECAS SHOWER SYSTEM", CHARLESS WITH PRESSURE BRANCHS WAYNG VALVE WITH LEVER HANGLE BILLIONAL STOWER STORES 1.5 GPM ADJUSTABLE SHOWER HEAD.
(F)	CLOSET (ACCESSIBLE	INT	*	2"	-	1-	-	VALUE, OLDSMIT NO DEDOCT SEAT AND A/S BOLL COST MEDIAT DESIGNATED DESIGNATION TO MACERA DOMES 16-172" MEDIAT DESIGNATED DESIGNATION TO THE TOWN AT, FLOOR MEDIATED COSTA TO BOOK, 16-1/2" MORE COMPLETE WITH SEASON FLOOR NO BINI-1,28" DAY PARTISH PORAPRIO DESIGNATION DEPENDENT FLOOR LOS NO BINI-1,28" DAY PARTISH PORAPRIO DESIGNA DEPENDENT FLOOR LOS NO BINI-1,28" DAY PARTISH PORAPRIO DEPENDENT FLOOR LOS NO BINI-1,28" DAY PARTIS	(2) 2	ACCESSIBLE	3	3 /	-9	3/4"	3/4"	#	STRINGS NO 5-3807-00-6-E3254-15 TEMOSE SHOPE STITLE COMPLET WITH PEEDING BANCH, MINDS VALUE WITH LIVER HANGE, HIRGHAL STRING STOPS, SEPARATE OMBITEP OALM 15 GPM HAND-HELD SHOWER, 60' HOSE, PRINE VACIANI BREAKER AND 30' SLOC BAR.
(F)	LAVATORY (COLDER COUNTR)	1-1/4	2.	1-1/2	1/2"	1/2"	.30	VALVE CASCINET NO PASSET SIAT MIG A/S ECCETAPS AND PLAN ELEMENTS (A/S) NO PARK 23 FOREIGN BINGERCONFED LAVARONT, SO A 17" LINESSCONING MORNETEL SINESSCONING CONFETT WITH CITIES ALL THE AND	(3) (3)	SHINES		-	18/	3/4"	1/4"	4	DRICAGO NO. 923-HC MALL MOUNTED COMPINATION PRE-PRINCE PITTED MINH ANY STRANGESS STREE MOSE AND STRANGEN AND HOLD MOUSE AND STREET WITH INTEGRATED PRICE SUPPORT AND HOCK ASSEMBLY MAD ADMISTRATE HC SUPPLY AND WITH INTEGRAL CHECKS AND 2019 LEVER HANDLES AND FRIEND CHECKED WITH DEPOCAL CHECKS AND 2019 LEVER HANDLES AND FRIEND CHECKED PLATE.
19	STRINGE.		-			1775		CHICAGO NO 1019-48CF STOPS WITH WIEL HANDLE JUD THEO SEPLES, MOUNT IN ACCORDANCE WITH AND EQUIPMENTS CFCO NO 871 TO MOUNT STOPE STOP INAMBLED CAST MONE CORNEL FLOOR MOUNTED COMMENT WITH OMEROO NO 445-FMP-CP FAMILET	(PD)	ROCE DRAW		34	E PLAN	FOR SA	ZES .	3	TURN AND TOTOCHE BY 15" CAST BON BODY CONFLETE WITH ADMISTARLE CYTENSON SLEEVE, FLADONS COLLAR, STANCESS STEEN GRAND, STANCESS STEEN GRAND, STANCESS STEEN RECEIVER, AND INCONCRECK CLAMP.
-	SPACE PRIMER		r	*	3/4"			CICO NO 1871-3" S'-CAMMETER ERAN WITH FLAT CHROME STRAINER, CICO NO. 18-072 COATED WITE FOW GUART AND NOVE MEAST NO. 181-500 TRAF STRAIN VALVE, BRASS BODY, ADAESSABLE, COMPLETE WITH 172 CORPOR LINE 3"-PPT TO RECEPTION BISTALL	(00) 1	OVERTION DOARS		si	E PLAN	FOR S	85		DURN NO ZCIDO-DP-84-88, IS' CAST IRON BODY, COMPLETE WITH CAST IRON DONE STRANER, UNDERFECK CLAMP, AND 2" HIGH WATER DAM
	(SMCLE DALAMI)	7	-	77		-1/3		FER MANUFACTURES'S RECOMMENDATIONS COMPLETE BEING ACCESS FAND, WITH SHATE-DET VALVE. METAB IND MET-SOO TRAP FRIMER VALVE, BRASS BEDY EDWINSAME, COMPLETE WITH METABLE, DESCRIPTION OF THE TAIL OF THE PROPERTY OF THE TAIL OF THE TAI	(E#)	DOWNSPOUT SUE-FLAN FOR SUES AND OUTLET						ZURNI NO ZANDION-SS NICKEL DROWLE BOOK, STANLESS STEEL SCREEN, THE CALLE PART AND DECORATION FACE OF MALL PLANSE AND OUTLET NOZICE CONNECT, TO NO-MUR PERMS WITH JURN NO. 2-1042-ROUNN NO-MUR ELEGON REALTER	
(7)	(MOTINET LANGE		-	=	-	1/2		PRE-TO-EACH HECEPICA, DISTAIL FER MANAFACTURER'S PECCHAENDATIONS, COMPLETE DEMTH ACCESS PAREL WITH SHITT-OFF YAME.	(1)	EXPANSION TANK	4				+-	70	WERDS NO WIT-R, 2 GALLON, CHARMAGN THE PRESSURVED WELDED EXTENDED, BUTTLE CHARMAGN AND EPOXY COATED EXTENDED W/ MAPA MIC-R EXPANSION TANK CASE.
(TF)	PRIMEN PRIMEN (CLECTRONIC			-		1/2"		PFP NO. MPB-500-1159 MPB-PRINE ELECTRONIC TRAF SCAL FRINCE SYSTEM WITH BALL VALVE, VACIOUS INCLUSED AND SOLERIDO VALVE (120 VOLE) I PHASE) COMPLETE WITH SPINT-OFF VALVE AND 1/27 COPPER TYPE "L" PIPE TO RECEPTION	(DF)	PROPANE GAS PRESSURE			-	-	-		ACME NO. 1584VAL 1/2" SIZE COMMECTION, 1/2" DIFFICE, SET FEGULATOR & 30 PS DELIVERY PRESSURE DUTLET MIG. A PLOW UP 7.500,000 BTU/hr: ALLMINESH BOOY CONSTRUCTION
and T	HOSE MEE	37	100		-	3/4	-	ACCRET NO. 1904, RECESSED WALL HOUNIED, STANETSS STEEL THAT WITH MITCHAL VALUE BEAKER AND LOCKERS DOOR	1	MECIA ATON				سنا	laa.	نبشا	<u> </u>
(WATE)	WATER MALLACE APPENDE		_		_	=	2	THE HOUSE STREET SHOKING WATER HANGE ARRESTOR TOWNSTRE-BEHIND ACCESS PANEL INSTALL FER MANUFACTURER'S RECOMMENDATIONS	3								
PB V	LEGIS	2	*	3-1/2	-			ZURNI NO. ZN4YS-BZI-P. CAST ISON BODY, COMPLETE MITH POUND MICKEL-BROWZE TOP, CLAMPING COLLAB, 1/2". ISAN-PRINCH COMMETTION AND P-IMAP.									
FD 2	PLOCE DIVANA (SHOWER)	7	24	1-1/2	5		-	ZHWI NO ZHWARS-BZI-TTX CAST NOT BOOK CONTLETE MINI HOURG MCPEL-BROWS TOP, CLAMPING COLLAR, AND P-TRAP.	3								
(F)	PLOOR SAM	àc.		r	-	-	-	THE RO. 2NEXO2-RC-P-2, 12" > 12" > 10" DEEP, CAST BYON BODY, ACD-RCISSING ENABLED BEFFOR CONFILTE WITH DOME STRANGE, RUCKEL-BROWZE MAP GRATE. SEEPAGE FLANGE, TRAP PRIMER CONNECTION AND P-THAP.	-								

					ELEC.	TRIC	WAT	ER H	EATE	R SCHE	EDUL	E		
ITEM	MANUFACTURER	MODEL NO	SERVICE	LOCATION	STORAGE	VOLT.	PHASE	DEMAN	os cyce	RECOVERY CAPACITY D 607	INLET TEMP T	OUTLET TEMPER T	OPER WI LBS	REMARKS
(3)	An menu	DEN-66	DOMESTIC HOT MATER	SEE PLANS	66 CALLONS	208	- 0	9.0	60	61 CPH	60	120		MUST HAVE MANNEY EDGER OF DIREPMSE COMPLY WITH TITLE 24 REQUIREMENT FOR SERVICE WATER HERITAS

					FIRE W	ATE	R BO	OOST	ER I	PUMP	SCI	HEDI	JLE	
						CAPACITY		MOTOR					OPER.	
ITEM	MANUFACTURER	MODEL NO.	SERVICE	LOCATION	TYPE	GPM	HEAD	HORSE POWER	VOLT	PHASE	CYCLE	RP.M.	WT. LBS.	REMARKS
(FP)	AZANCBUE O BUDZILLA	EWS-0800VTP80- \$35SP28-1C- 208-5W	DOMESTIC WATER	GROUND LEVEL	VERTICAL TURBINE	500 35	197' 50'	(2)40EA.	208 208	3	50 60	1800 3450	7,000 LBS	FIRE WATER BOOSTER PULP FACTORY—ASSEMBLED PACKAGE STITION WITH ELYMOROMOTH BELCORING AND WATER PROTECTION SYSTEM BOOSTEP PUMP BISCHAFER PRESSURE 80-PSC, MOTORS: TWO 40-MP EA, DIC GREQUATING PUMP CAPACITY/RED 33-CPM / or THA MOTORS 13-MP WITH CONTROL PAGE, VET EVEN DEVELOPMENT AND ALAMS TANK FALL VALVE SHPPCED SEPARATELY (SET SPEC) WITH BUS SYSTEM FOR BACHET MITERFACE, CONTACT PROFERATION, WER, CAMATEMORE, 500-747-768.

GENERAL NOTES

- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCES
- CHAMATIPOSISES DE RELO ILIDITES MAI PARIO, AND SHALL INDICATE INCOME THE RESTRICT OF MAY UNDERSTANCES.
 ALL RECESSION EMPTE LECENTS ONLE, IN PARE L'AUXIL THE INDICATE OF ONLY SIZE.
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 AND THE SIZE AS PIRE UNLESS ONLY THE SIZE AND THE SIZE AS PIRE UNLESS ONLY THE SIZE AS PIRE UNLE
- 5 EXACT LOCATIONS AND MOUNTING HIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWNOS
- ALL EXTERIOR GAS COCKS, WATER SHUT OFF VALVES AND/OR SEWER CLEANOUTS BELOW GROUND SHALL BE INSTALLED IN YARD BOXES WITH THE COVERS CONSPICUOUSLY MARKED "CAS", "WATER", AND "SEMER" RESPECTIVELY.
- CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO (2) DELECTING UNIONS SEPARATED BY A TWELVE NICH (12") SECTION OF RED BRASS PPE
- ALL CLEANOUTS SHALL BE INSTALLED INSIDE READLY ACCESSIBLE ALL UPRIMALS SHALL HAVE CLEANOUTS ABOVE FIXTURE.
 CPC 707.4 THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE
 ARCHITECT BRIDE TO ANY INSTALLATION
- ACCORDED THAN THE TALLATION THE EMPIRED THAN A COLOR DIT AT TO SERVE TERMINA, AND CASE BAY OF PROBE, THAT IS AND THE SERVE THAN THE THAN THAN THE THAN THE

- 11 ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING
- 12 ALL WORK AND NATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH CALFORNIA PLUMBING CODE 2022.
- 12 ML, MORR AND ARRITHMS, SHALL BE PURPOSENLE AND INSTALLED IN CONCERNING WITH CONCERNOR PURPOSEN CO. 2022. IT IT ITSES DEMANDOS INSCALT ITE SAMEN, NATER, AND STOM DRAN STREMS TO PORT OF CONCERNING SAME OF THE SAME STREMS IS SHOWN OF THE CAY, DANABORS AND IS SPECIFIED MORTH AND THE CAY SECTION OF the SPECIFICATIONS FREE PRINCE SHALL DE INSTALLED TO MEET THE INVEST ELECTRONS SHOWN OF THE CAY
- 14. MISSLATION (SEE SPECIFICATION FOR TYPE REGIMED) AND COVERING ON PIPE AND TUBING SHALL MAVE A FLAME SPIEAD RATING NOT TO EXCEED 25 AND A SHOKE DEASITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH 2022 C.B.C. SECTION 720 3.
- SCHOOL (20 J.)

 MATERIALS ERPOSED WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME-SPREAD INDEX OF HOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHERE TESTED IN ACCORDANCE WITH ASTM E84 OR U. 723 CMC 2022.
- MA. ALL EQUIPMENT SHALL BE LATERALLY SUPPORTED IN ALL DIRECTIONS TO RESIST A HIM OF 20% OF THE EQUIPMENT'S OPERATING WICHT.

LEGEND ASSREVIATION DESCRIPTION SYMBOL SOIL OR WASTE BELOW FLOOR OR GRADE S OR W STORM DRAIN ABOVE FLOOR _____ STORM DRAIN BELOW FLOOR OR CRAD DVERFLOW DRAIN ABOVE FLOOR 00 SANITARY VENT COLD WATER HOT WATER HW ---- CD ---CONDENSATE ORAIN —E50-ESD FUSTING STORM DRAIN EOD-ÉGO OVERFLOW DRAIN PROPANE GAS LINE ----- F --FIRE LINE DIRECTION OF FLOW SHUT-OFF VALVE --->-SOV SOV/GE SHUT-OFF VALVE OR DAS COCK IN YARD BOX -ф FCD FLOOR CLEANOUT PISER UP ---RISEP DOWN ARV ARDVE ACCESS PANE BELOW BEL CLC CELLING CONTINUATION CONT cots CLEANOUT TO GRADE DN DOWN FLOOR PLCS PLACES VTP. VENT THRU ROOF YARD BOX

MATERIALS

- UNDERGROUND PROPANE PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE CONFORMING TO ASTM ASS USING 150 POUND BANDED MALERIBLE IRON SCREWED PITTINGS
- 2 EXPOSED PROPARE PIPMG OUTSDE THE BUILDING SHALL BE SCHEDULE 40 GALVARIZED STEEL PIPE CONFORMING TO ASTM A53 USING GALVANIZED 150 POLYD BONDED GALVANIZED WALLEABLE FROM SCREWED FITTINGS
- VALVES LPG BALL VALVES 1 1/4" AND LARGER SHALL BE MIBEO NO. T-580-70-UL OR APPROVED EQUAL
- MEDIOUS POSITIONS.

 **A LLIERCE OFFICIAL PRIMACE, VALVES, FLANCES, BOLTS, SIML BE PROTECTED AGAINST
 CALL RETAILS COMPOSITION AS ESCREEPE AND SHAPE SECRET. A REAVY COATING
 OF THE PROPERTY OF BACK BOOK AND SHOPE COST.
 COMPOSITION AND ADDRESS OF THE PROPERTY OF THE PROPERY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY



8163 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 000-007-0009 P

CENTER TRAINING CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627 FIRE MESA COSTA



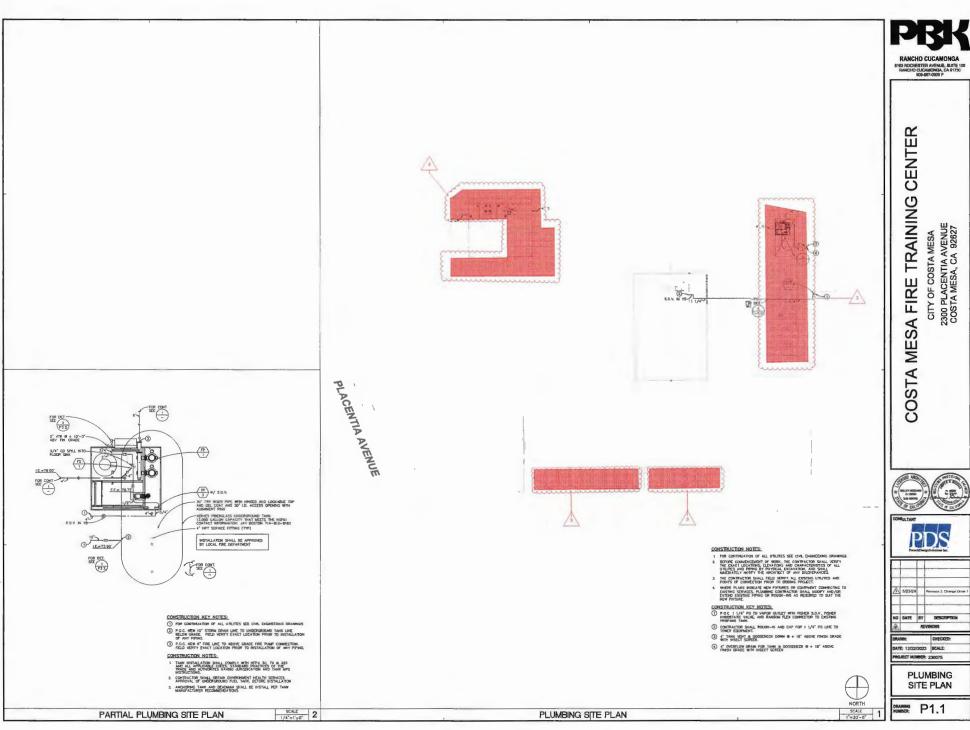


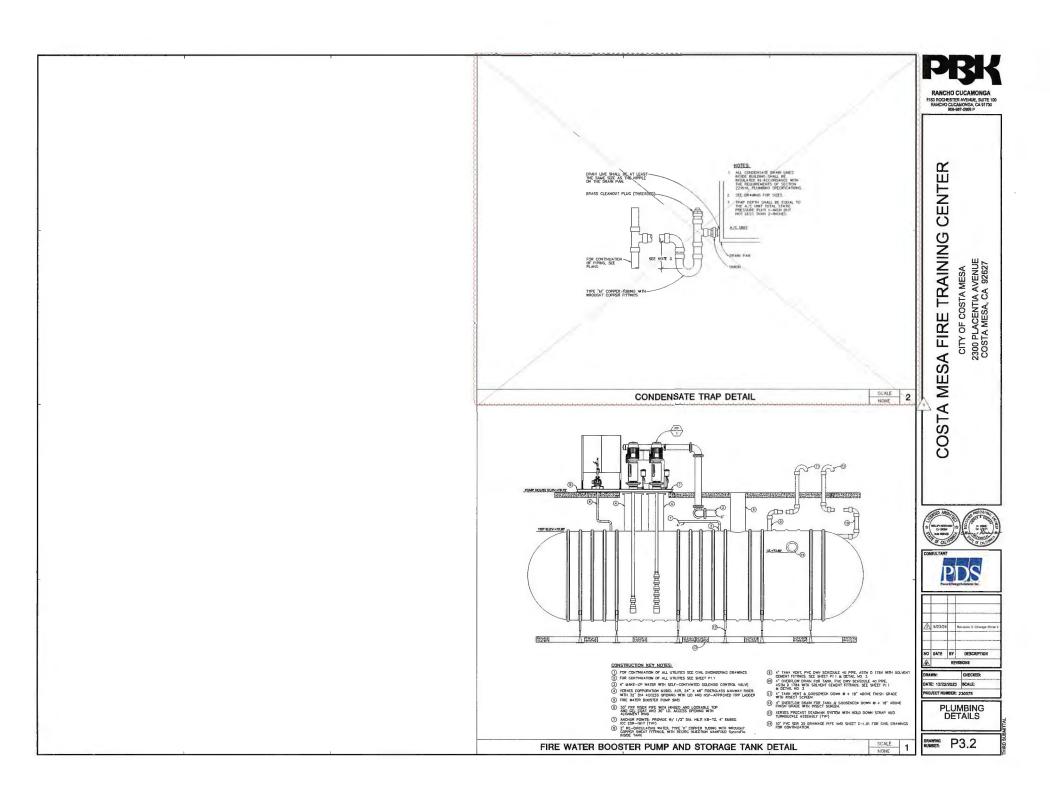
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DRAWN:	CHECKED:		
DATE: 12/22/2023	SCALE:		
PROJECT NUMBER: 2	30075		

PLBG. LEGEND, SCHEDULE, & GENERAL NOTES

DRAWING PO.1





GENERAL NOTES

- THE CONTRACTOR SHALL TRUST, AND LISE AND LICE YOU AND SERVICE THE ENGINE OF THE POST THE ENGINEENESS OF THE POST THE ENGINEENESS OF THE POST THE CONTRACTOR ENGINEER OF THE ELECTRICAL LISE AND LISE AND
- THE CONTRACTOR SHALL SEGURE AND PAY FOR FEBRUTS AND FIES NECESSARY FOR DESCRIPTION AND COMPLETION OF ELECTRICAL TORK, INCLUDING ALL CHARGES BY THE LOCAL COMPRISED ACCOUNTS.
- ALL CATLET LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO NOTALLATION.
- THIS CONTRACTOR SHALL SUPPLY POWER TO AND MAKE CONNECTION TO ALL HOTORS AND EQUIPMENT RECUIRING ELECTRICAL CONNECTIONS AS SHOWN ON THE PLANS.
- EXACT LOCATION OF ALL CIRLING HOLNTED DEMORES SHALL BE AS NOIGATED ON THE ARCHITECTURAL REPLECTED CRUMS FLAM.
- INLESS OTHERWISE HOTED, MOUNTING HEIGHTS INDICATED ON ELECTRICAL OUTLETS ARE FROM FINISHED FLOOR TO CENTER OF OUTLETS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUT-OUTS IN TILE OR COUNTER SPLASHES WERE RECEPTAGLES, GUTLETS, ETC., COCCUR.
- ALL RECEISED DEVICES, ETC. HONTED IN FIRE RATED CEILING SHALL BE ENCLOSED WITH AN APPROVED ENCLOSURE CARRYING THE SAME FIRE RATING AS THE CEILING.

 THE CETT MAN.
- ALL SURFACE HOWITED LIGHTING FRANKES SHALL BE AFTROVED FOR DIRECT HOWITING ON LOW DENSITY COMPLICIBLE COLLAGE.
- THE INTERPALES SHOWN AT TOT LIGHT PORTRE DESTINEATION STITEGAL WHICH ROCKEDS MYBER OF LIGHT PRATIESS REQUIRED SHALL, NOT BE IMPED ST THE CONTRACTOR FOR HIS CUSTOM TAKES OF AN EDODRAG OF ROY DESTINATION OF AUGUST WAS TOTALED WITH THE PROTESS BUILD BE RESTALLED. THE CONTRACTOR SHALL HISTALL A LIGHT PROTINC MERCHYR A POTHED CHILD TO MERCH OF THE CONTRACTOR SHALL HISTALL A LIGHT PROTINC MERCHYR A POTHED CHILD TO MERCH OF THE CONTRACTOR.
- NO CONDUIT SHALL SE RIN HORIZONTALLY IN CONCRETE FLOOR SLASS.
- ALL FIVAL CONTECTIONS TO OWNER-RURNISHED ECCIPTENT SHALL BE MADE BY THE CONTRACTORS.
- ECHRENT ANCHORAGE NATE
 - AL ELECTRICAL EGIPTIENT SHALL BE ANDIGINED OR BRACED TO HIER THE HORIZONIAL AND VERTICAL PORCES PRESCRIBED IN THE 2007 CRC, SECTION IGNALD AND AICE 1-09 SECTION DIS, DA, AND DIS.
 - THE ATTACHMENT OF THE KOLLOWING HITTO SHALL BE DEMONED TO RESIST THE PORCES PREDCRISED ASOME, BUT NEED NOT BE DETAILED ON THE PLANS.

 - A ECCEPTENT WEISHING LESS THAN 4800 PICKNESS SUPPORTED DIRECTLY ON THE FLOOR OR SOOF.
 - B. EGEFTENT WEIGHING LIESS THAN 20 POUNDS SUPPORTED BY VISIGATION ISOLATORS.
- C. EGETTER TEXABLES LESS THAN TO POUNDS SEPTEMED TROM A ROOF OR PLOOR OR HANG FROM A BALL.
- IT SHALL HE THE CONTRACTIONS RESPONSEELT TO DO ALL COTTES, CUTTES PATIONS OF DEPLETANCE OF BUILD AND ASSEMBLY BY BUILDING TO DESPLAYED TO PRESTANT FOR HY
 TO PERITAME FOR HIS COTA, ALL OPENHAS HADE SHALL BE SEALED TO PREST THE RATED
 PRESENT OF THE PARTICLAR BUILL, ROOM OR CELLAD.
- ATTENTION IS CALLED TO THE RACT THAT THE CELLING SYSTEMS FOR THE HOST PART AND CONSIDERED TO BE NACCESSELE THE CONTRACTOR SHALL STRATEGICALLY LOCATE BOXES, ETC., IN A ACCESSELE CELLING SPACE.
- WERE EXPOSED CONDUIT IS FERRITTED BY THE ARCHITECT, SUCH CONDUIT SHALL BE PAINTED TO HATCH FINGH OF SURFACE TO BHICK IT IS ATTACHED/SURFORTED TO.
- D. NOTALL RACEIAY STOTETS 49 FOLLOWS
 - A RISD GALVANCED STEEL IN ALL CRITDOOR LOCATIONS AND IN INDOOR LOCATIONS CHARGE SUBJECT TO PHYSICAL DANAGE.
 - B. INC. OR ENT. N ALL INDOOR AREAS.
 - C. FLEXISLE METAL, CONDUIT FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS, MERATING ELECTRICAL EQUIPMENT AND HORIZONTAL RINS IN BOOD STUD WALLS.
 - D. PVC CONDUIT FOR INDERSPRIND RINK USE 20 HE, PVC TAMID RISID STEEL RISER ELBOIS AND RISERS FOR CONDUIT STUD-UPS.
 - E. USE COMPRESSION THREE HITTINGS FOR ALL METALLIC CONDUM.
- F. F CONDUIT HINHLIH FOR INDERGROUND INSTALLATIONS.
- CODE POTING NEIGHTO NEIGHT PRESENT STATEMENT AND STATEMENT OF CONTROL ST
- ALL EXTERIOR HOLLING INCLUMENT SHALL BE LEATHER PROOF OR FROMDED IN A LEATHER PROOF ENCLOSURE.
- ALL POWER AND LIGHTING BRANCH CREDITS SHALL BE RISTALLED WITH A TO GREEN GROUND THE URB. THE CONTLINE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICAL TIS OF THE CAL PORNA ELECTRICAL CODE (CECL)
- DESTRICATION NAME PLATES FOR BRANCH CIRCUIT PARELS SHALL HATCH THE NOTENGLATURE PROVIDED BY THE OWNER AT THE END OF THE CONTRACT,
- INLESS SPECIFICALLY SHOUN ON THESE PLANS NO STRUCTURAL PERFER SHALL BE CIT, DRILLED, NOR NOTCHED STRUCTURAL PROPERTY AUTHORIZATION FROM THE STRUCTURAL DRIVENING.

ALL WORK SHALL, BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS AND THE REGULATIONS OF THE CAL PORNIA COPE OF REGULATIONS (C.C.R.), TITLE 14, INCLUSIVE OF

2022 CALFORNIA ADMINISTRATIVE CODE (CAC), C.C.R. TITLE 24, PART I

2072 CALFORNIA BUILDING CODE (CBC), CCR TITLE 24, PART 2, B45ED ON 2010 INTERNATIONAL BUILDING CODE.

2000 CALIFORNIA FIRE CODE (CFC), CCR. TITLE 24, PART 9 BASED ON 2010 INTERNATIONAL FIRE CODE.

2012 CALIFORNIA EXISTING BUILDING CODE, G.C.R. TITLE 24, PART IO, BASED ON 2016 INTERNATIONAL EXISTING BUILDING CODE

2010 CALIFORNIA REFERENCED STANDARDS CODE CGR. TITLE 24, PART IZ.

PRE ALARY SYSTEM DETERMED APPROVAL NOTE
THE YEAR ALARY SYSTEM DETERMED APPROVAL INTO THE
THE RESEARCH OF THE CONTRACTOR TO SHEET IT ALSO,
EASTFORM DATA SHEETINGHINGS, SHINE DIARRETS AND CALLATIONS
FOR THE CHIEF OR CONTRACTOR TO SHEETING AND APPROVAL
THE CONTRACTOR SHALL COSTAN APPROVAL FROM THE CHIEF OF CHIEFORM
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THE ALART STOTEN DEVICES AND CONTROVENTS INDICATED ON THEM DRAWNOS ARE THE HINDEN REGULERIESTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE GUARITY AND TITTLE OF DEVICE REGISTED BY THE CITY OF ORGANO PIETE DEPARTMENT AT NO ADDITING

ELECTRICAL SYMBOL LIST

- ----- CONDUIT RUN CONCEALED IN CEILING WALLS OR UNDER FLOOR 3/4" HIN
- --- --- CONDUIT RUN, UNDERGROUND
- R. BABLE CONDUIT, SEALTHE WHERE EXPOSED TO WEATHER, REFER TO SPECIFICATIONS FOR USE.
- CONDUIT TURNED OCEN.
- O CONDUIT TURNED UP.
- TO CHART OF CONDUCT RASS NOTCATE LEMBER OF IT SINGED CONTINUED

 THE PROBLEM THE OF A ARE NOTCATED WHEN CADES LAVES ARE NOT SHOULD HAVE AN EXCELLENGED WHEN CADES LAVES ARE NOT SHOULD HAVE ON CONDUCT RASS NOTCATES CHART RASS NOT
- B-I3 CONDUIT HOTE RAN TO FAMELBOARD, LETTER AND NIMERALS NDICATES ELECTRICAL PANEL AND CIRCUIT NAMER.
- BRANCH CROJIT PANEL, HOUNTING AS BHOUR ON SCHEDULES.
- ___ CINCUIT BREAKER REFER TO SHALE LINE DIAGRAM.
- DEL DE LOUIT FORTURE SHADING NOIGHTES PIXTURE TO BE PROVIDED WITH INTEGRAL SO FINITE EMPRESSION BATTERY PLACE.
- LED DOWN LIGHT FOXURE SHADING INDICATES FOXURE TO BE PROVIDED WITH INTO/AL, 30 HINGE STRENGENCY BATTERY PACK.
- (N) NEW EQUIPMENT
- ⊕ DUTLEX RECEPTAGE RUSH NEVEL GROUNDING TYPE (20 ATP, 20V.

 BULL PLATE TO HATCH DEVICE HTD, AT 48°.
- WAS DIN MARC, WITH JACTS CLASS 2 DATA DIRECTER SERFICILLES (DEPTING CONTROLLS)
 CHARTITY OF CROSS TICKS REPRESENT CHARTITY OF SERFICILLESS WITH DORONIES.
- O CELING HOUNTED JUNCTION BOX
- ⊗ PRESENT DATING
- E- 8-16Y DITTER SUTTOL LETTER MOLCATES SUTTOL LEG CONTROLLED BY DITTER.
 HODEL SPOOTSO-UH OR SOLLL
- SNOLE POLE SOTTON, LETTER AT BOTTOM INDICATES CUITLETS CONTROLLED. HOUNTED AT MEP TO TOP OF THE BOX STAINLESS STEE, INALL PLATE. PROCRET DESCRIPS.

 2 - DOUBLE FOLE P - PLOT LIGHT

 3 - THREE WAY K - KEY OPERATED

 4 - FOLE (LT T - THEE)

		LIGHTING F	XTUF	₹ES	CHEDULE
Line.	MANUFACTURER CATALOG	LAMP GTY. & TYPE	POCIDE .	VOLTS	REMARKS
(SOTHER LISTINGS STORE - STORE - ART - LIST-LIST-LIST-CIDE OR ATTROVED EDUAL	7,604 LUTINS HORLING 4000K	26	De	or recipio LED DOMESIARI FORTIME, FORDER SHILL, TE PROVINCED STILL SHIPMAN SHIPMAN AND LED DOFFRENCE PORTING AND SHIPMAN AND SERVE LITTLE PROVINCE PROVINCE ALL REGISTERS TRANSPORT HARDWAY THE PROVINCE OF TO BE CONTAINED TO SHIPMAN AND THE PROVINCE OF THE LESSES THE LESSES TO BE CONTAINED TO SHIPMAN AND THE PROVINCE OF THE LESSES THE LESSES TO BE CONTAINED TO SHIPMAN AND THE PROVINCE OF THE LESSES THE PROVINCE OF THE PROVIN
₿	CONTROL ESTATE CON APPROVED ESTAT.	SCHOOL STEELS	•	Dø	of the Hodger book leaf record, fourse that, or from the bridger, lettoned decay and the rated strange for signal book afficiency.
0	COTION LIGHTNO ENGRADOS DESIGNADADE OR APPROVED ESSAL	INST LUPENS BOLING 4600K	>	/ \	AT ROUND LED DOBALISM ENTINE REVISE SHALL BE PROVIDED DAY STREET, AND DETEND CONTROL ARROWS RELIVED CLOSE THE PREVIOUS AND THE LIEST PROCESSE WHO YET ALL STREETS FOR THE MARCHINE FOR CHAINS THE LIGHT PROTECTS TO BE INSTALLED IN.
0	Ilmona Lightney Wild-In-Principle on APPROVED BALK	DRI HAR	n	307	SALESDATIO LED BALL, PLACE LENET PROJECT PRETING SHALL BE PROVED THE SCHOOLING PROGRAM OF SHALL EXPORTING SPENCE, BITTLEMAN, PAOTO-GELL DAG, SPANSHALL, VOLTAGE. 24 FROM AS SELECTED DY ADMITTED.
▣	Uniona Ligario Mediatro-parametria promoto on Appendio 2014	SAMELINENS HOUSE 4000K	24	387	SCI, PROMITO LED BLIL, PROFIL LOST PROPERTY PROFILE SPAIL DE PROFILE P
€	YERMAN DOME.	SECTIONS SEC	,,	UN.Y	DISL FORMED LED BLAL PACK LIST FORMER FORMER SHALL BE PROVIDED BY A STANDARD AND THE IT DISTINGUISHED, AND THE STANDARD BY A PROVIDED BY A PRO
(LINGRIA LIGHTNS CONT.L. AS-SECRET-INVOLT-ASC-SECRE OR APPROVED BOULL	Size (LPEN) CRIPAN ADDOK	24	Div	SUPPLIES FORWITCH BET LISTED LED LEAR FORUME PROTUSE SUAL, DE THOUSED WITH LANGE (LITTHE PROTUSE, 6-10V, LED DEFENS DEVISE, AND 4600K KELVIN COLOR TEFFERATINE.

	SITE LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER CATALOG*	LAMP OTY, 4 TYPE	FIXTURE EATTAGE	VOLTS	REMARKS		
€ A	LIDHNAIRE LED NET - FET HIND- 29U-40K-120-0P- PC-3 OR APTROVED BOSAL	27TS LISTEN LIED 1935 LISTEN 40000K	21	no	# PREM & SELECTIO DY ARCHITECT.		



8163 ROCHESTER AVENUE, SLITE 100 RANCHO CUCAMONGA, CA 91730 909-987-0909 P

Ш ENT $\overline{\mathbf{o}}$ RAINING

CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

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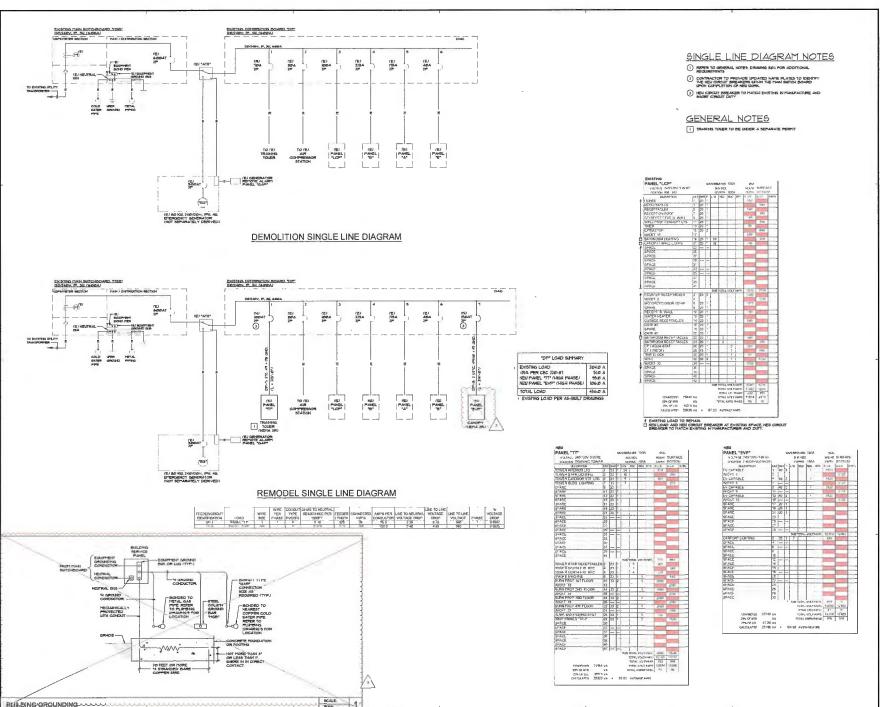




DATE: 12/05/2023 SCALE: AS NOTE PROJECT NUMBER: 230075 GENERAL NOTES,

SYMBOL LIST & LT. FIXT. SCHED.

E0.1



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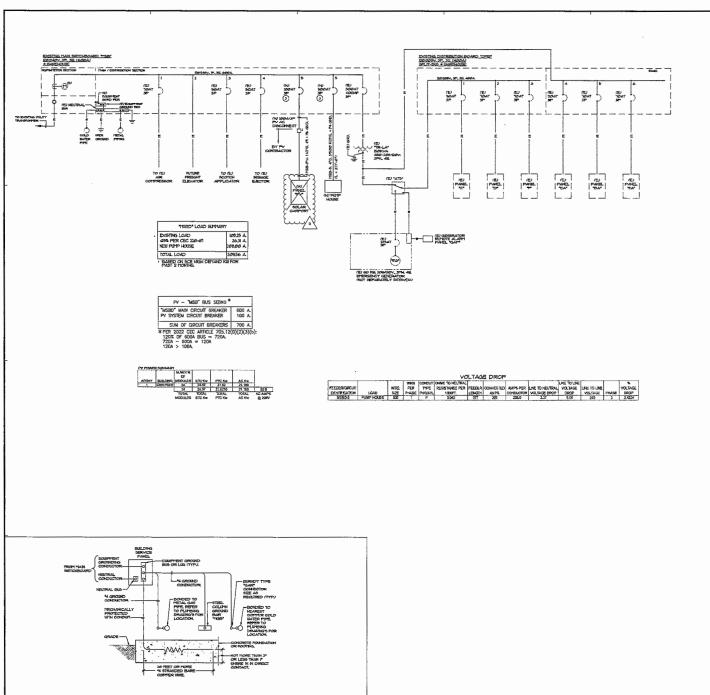
CENTER COSTA MESA FIRE TRAINING CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627



DRAWN: CBF CHECKED: RES DATE: 12/05/2023 SCALE: AS NOTED

SINGLE LINE DIAGRAM AND LOAD SCHEDULES

DRAWING NUMBER: E0.2



NONE 1

BUILDING GROUNDING



SINGLE LINE DIAGRAM NOTES

- (1) REFER TO GENERAL HOTES, DRAWING BOX, FOR ADDITIONAL REGULARSHIPS TO AT
- (1) COMPRACTOR TO PROVIDE UPDATED NAME PLATES TO DENTIFY THE NEW CIRCUIT ENGAGERS SETTING THE HAN SHITCH BOARD UPON COMPLETION OF NEW WORK.
- 3) NEW CIRCUIT ENTEAKER TO HATCH EXISTING IN IN

RANCHO CUCAMONGA 8163 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 909-987-0909 P

COSTA MESA FIRE TRAINING CENTER CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

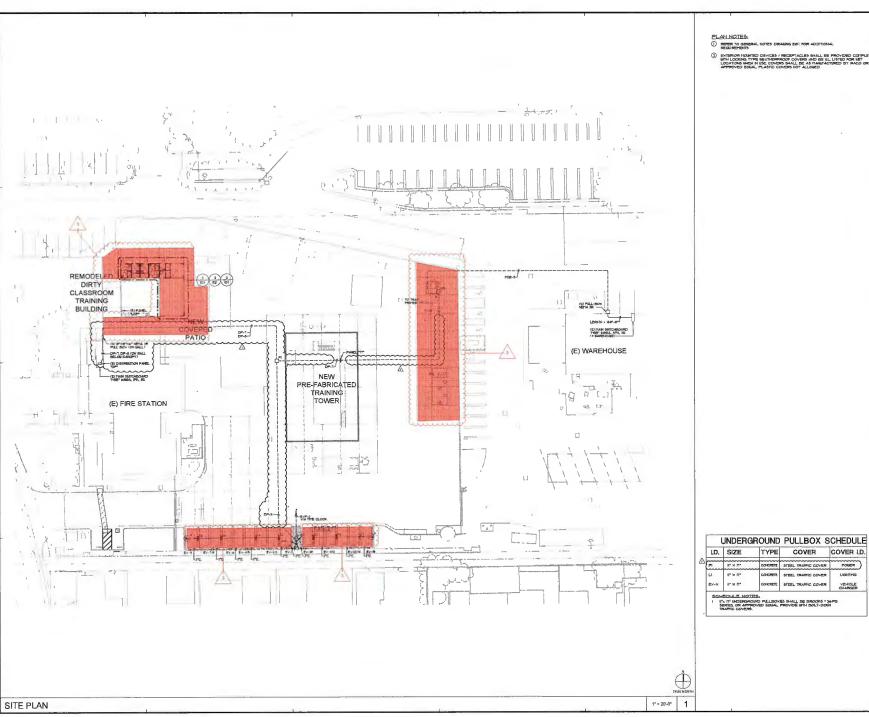




DATE: 12/05/2023 SCALE: AS NOTEL PROJECT NUMBER: 230075

SINGLE LINE DIAGRAM AND LOAD SCHEDULES

E0.3



PLAN NOTES:

- THE RECUIREMENTS OF

RANCHO CUCAMONGA 8183 ROCHESTER AVENUE, SUITE 100 RANCHO CUCAMONGA, CA 91730 908-987-9909 P

COSTA MESA FIRE TRAINING CENTER CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627



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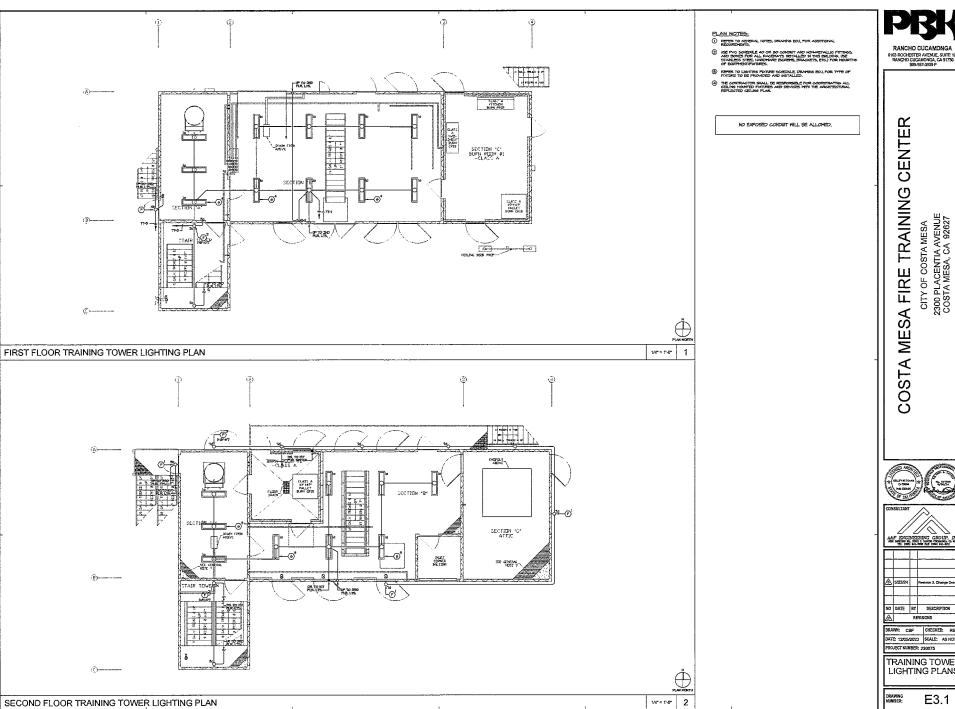
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STEEL TRAFFIC COVER

SITE PLAN

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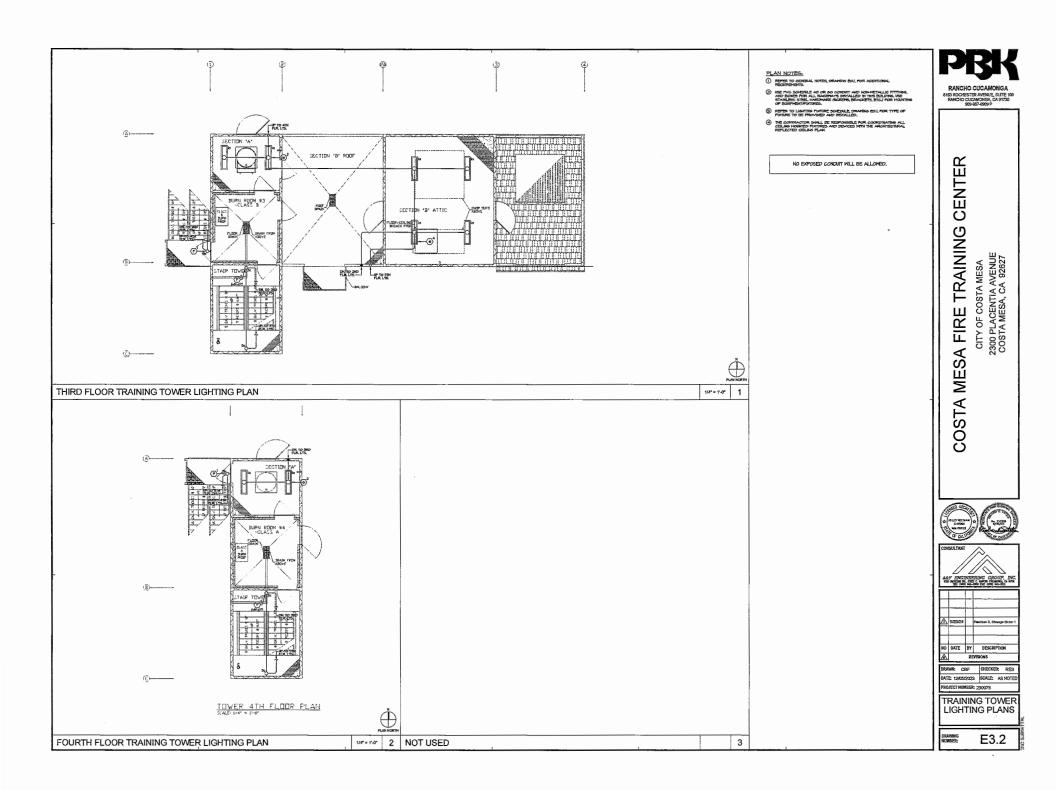


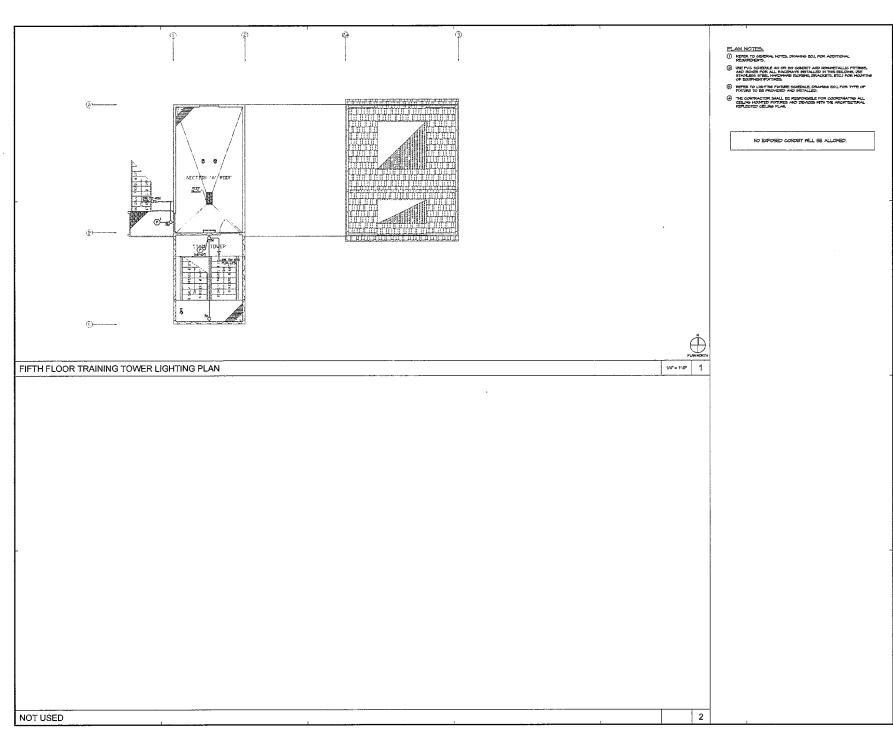
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TRAINING TOWER LIGHTING PLANS

E3.1





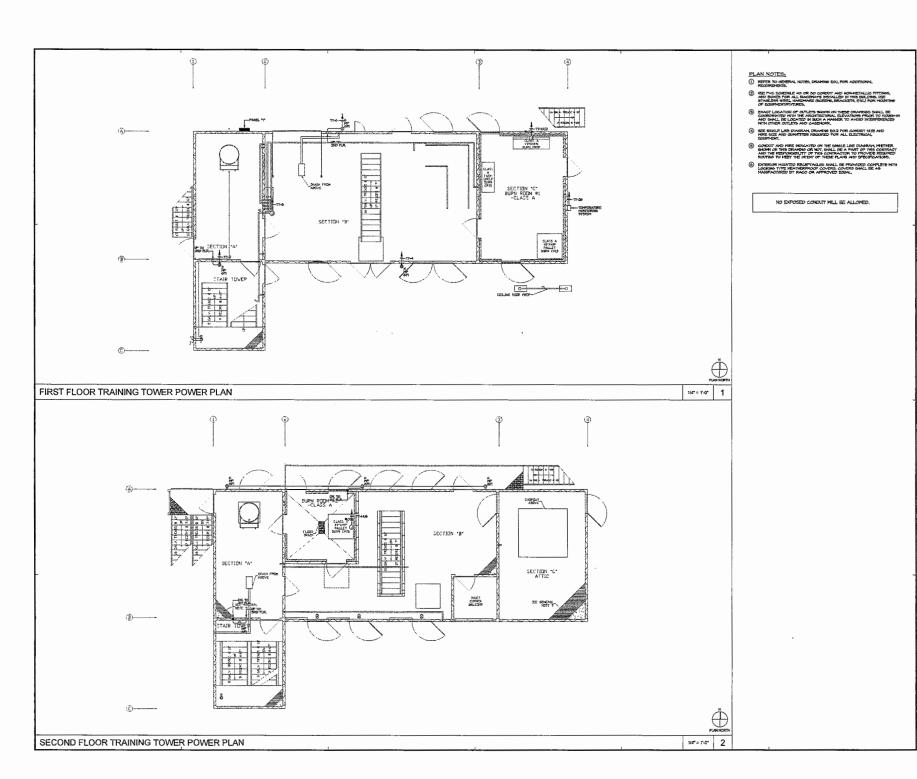
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TRAINING TOWER LIGHTING PLANS

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COSTA MESA FIRE TRAINING CENTER

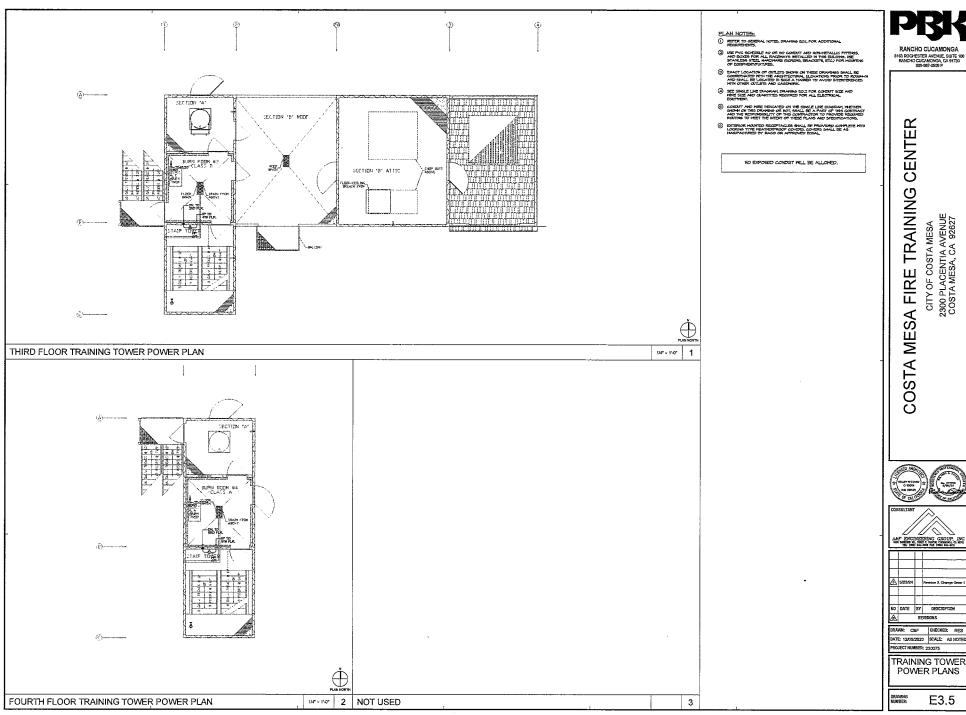
CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627



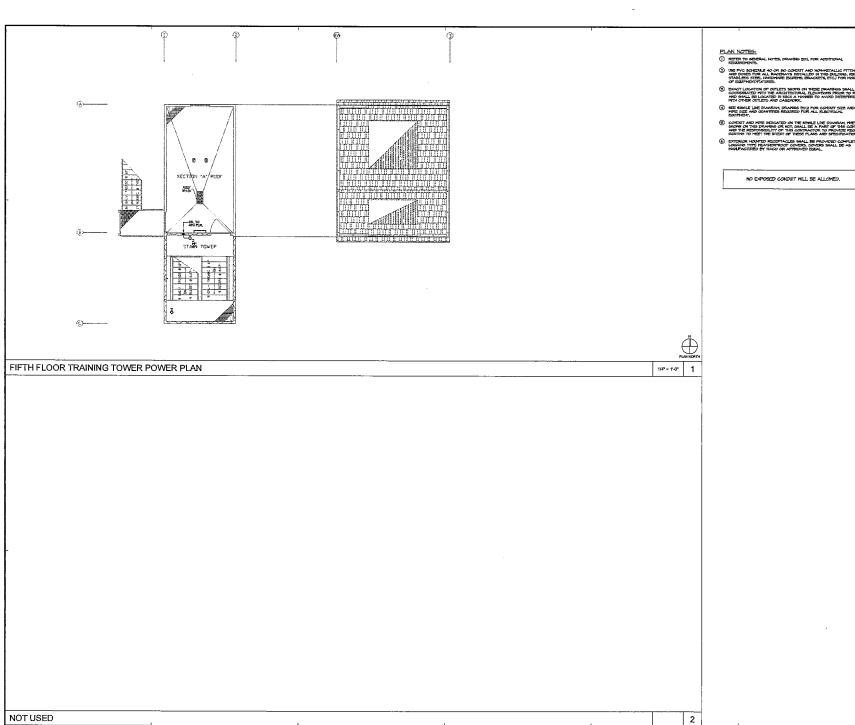
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TRAINING TOWER POWER PLANS

E3.4



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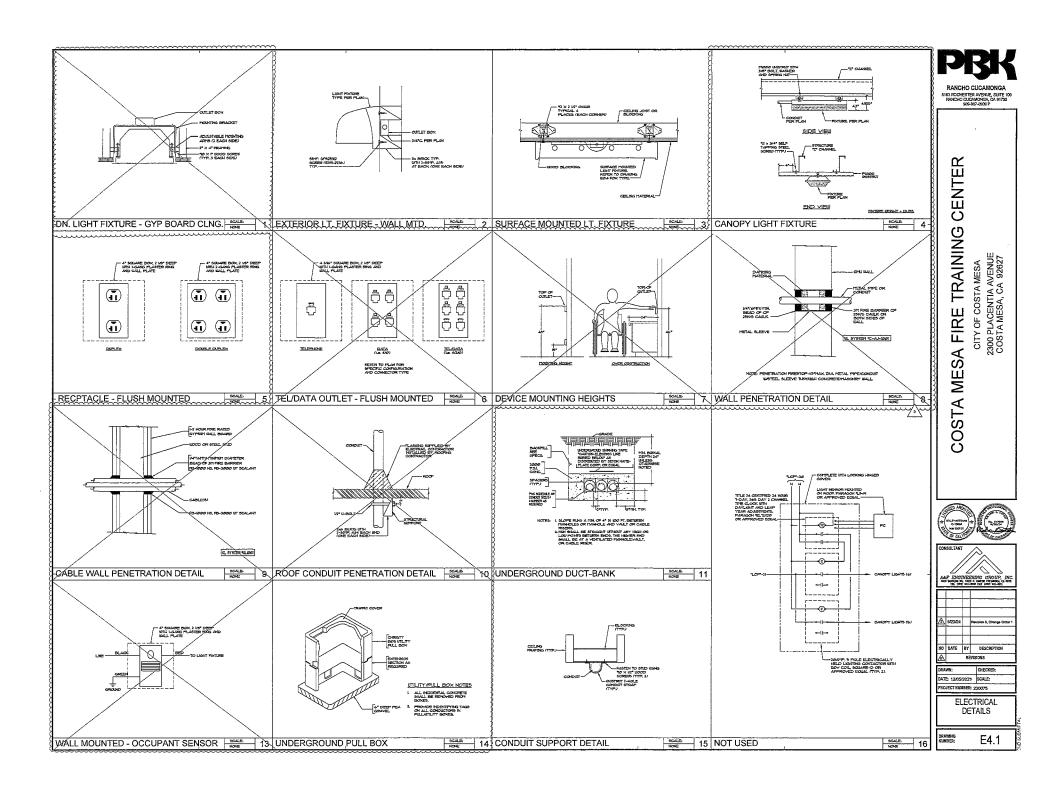
COSTA MESA FIRE TRAINING CENTER CITY OF COSTA MESA 2300 PLACENTIA AVENUE COSTA MESA, CA 92627

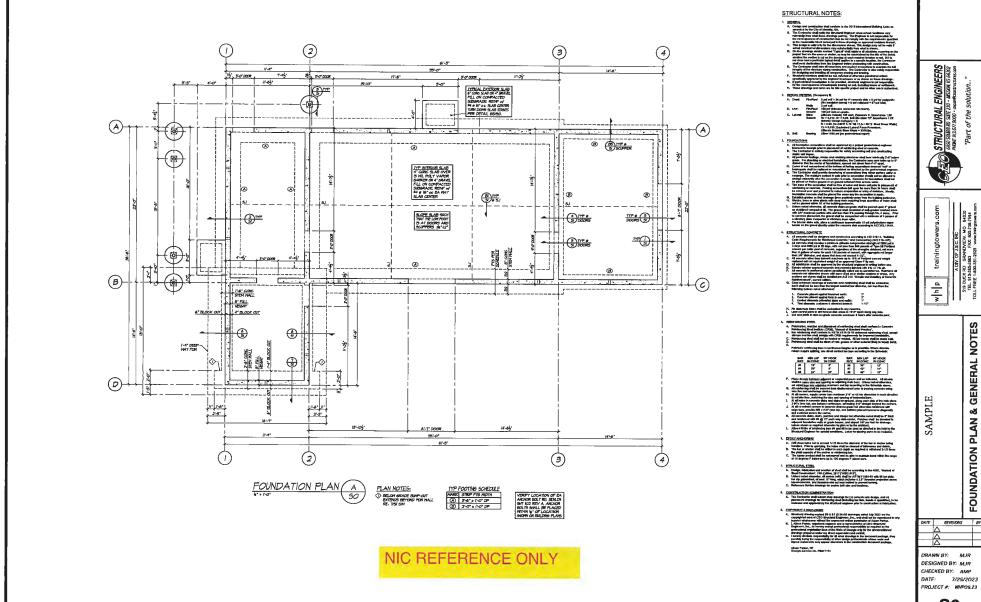


DATE: 12/05/2023 SCALE: AS NOTE PROJECT NUMBER: 230075

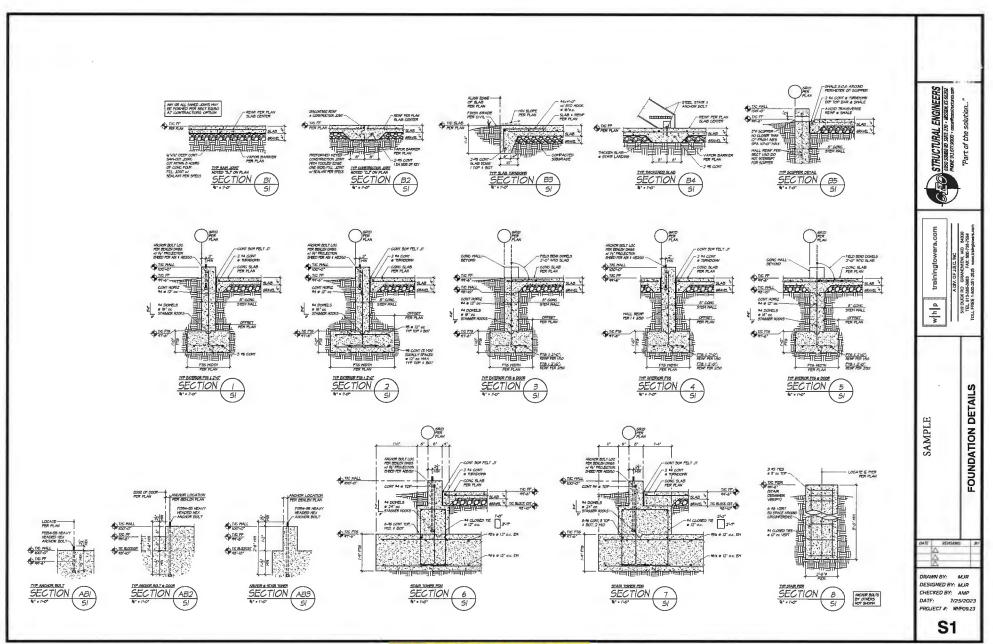
TRAINING TOWER POWER PLANS

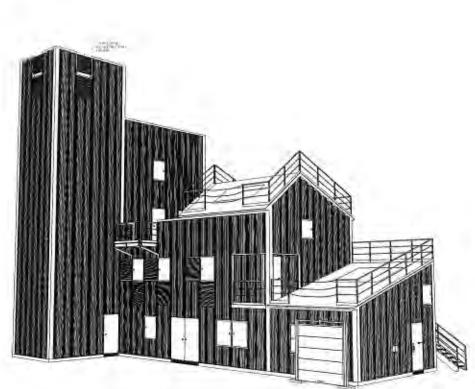
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CUSTOM HIGH RISE - FIVE STORY CITY OF COSTA MESA FIRE DEPARTMENT

GENERAL NOTES

- D THIS INFORMATION CONFORMS TO ALL APPLICABLE STANDARDS FOR FIRE TRAINING SIMULATORS AT THE TIME OF PREPARATION.
- 2) THE ERECTION CONTRACTOR ASSUMES RESPONSIBILITY FOR ALL MATERIALS, AT THE TIME OF BELIVERY, THIS CONTRACTOR IS ALSO RESPONSIBLE TO ACCOUNT FOR ALL MATERIAL, AT THE OF BELIVERY, IF THERE IS A DISCREPANCY IN THE MATERIAL BELIVERED, CONTACT MAP TRAININGTOKES IMPORTABLE IN DIRECT IN MAKE PROPER MARMACHEMENT IN PROVIDE THE MCCESSARY MATERIAL.
- 3) THIS SET OF DRAWINGS IS INTENDED AS A CONCEPTUAL SET, PROVIDED FOR SECONDARY REFERENCE DALY. REFER TO BEHLEN INDUSTRIES CONSTRUCTION DRAWINGS AND THE RISCELLANEOUS METALS DRAWINGS AS PRIMARY REFERENCE FOR EXACT MATERIAL DIMENSIONS, ERECTION, AND PROCEDURES.
- DI VRITTEN DIPENSIONS ON THESE DRAVINGS SHALL TAKE PERCEDENCE OVER SCALED DIPENSIONS, INSTALLING CONTRACTORS OR DIVIERS SHALL VERTIY AND SE RESPONSIBLE FOR ALL DIPENSIONS AND CONDITIONS ON THE JOB AND UNP TRAININGTOVERS SHALL SE NOTIFIED IMPEDIATELY FOR ANY VARIATIONS OF DISCREMANCIES FOR THE DIPENSIONS AND CONDITIONS SHOWN BY THESE BRAVINGS. ANY FIELD CHAMGES OR MODIFICATIONS TO CONTRACT ANY FIELD CHAMGES FOR MODIFICATIONS TO CONTRACT OF THE STRUCTURE OR ADDITIVE COMPONENTS HUST BE REPORTED AND APPROVED BY VAP
- 7) DODRS SHALL BE PAINTED 11 GA STELL REINFORCED WITH STELL CHANNEL, EACH EXTERIOR NON-BURN ROOM DOOR SHALL BE PROVIDED WITH CO HEAVY-BURN STANLESS STELL CONTRIBUTES HERE AND OF COMMERCIAL GRAFK RETED LOCKSTET. EACH INTERIOR INCH-BURN ROOM BOOK SHALL BE PROVIDED WITH CHANNEL SHAPE CONTRIBUTES HAVE BURN ROOM BOOK SHAPE LES PROVIDED WITH CHANNEL SHAPE CONTRIBUTES HAVE CONTRIBUTED HOW SHAPE HAVE CONTRIBUTED HERE CONTRIBUTED HAVE AND HAVE FOR THE USE OF THE STANLESS HAVE BURNEL BE PROVIDED HAVE NOT IN USE. ANY BOURKE BOOKS SHALL BE PROVIDED HAVE NOT HAVE ANY BOURKE BOOKS SHALL BE PROVIDED HAVE NOT HAVE BURNEL BOOK SHAPE HAVE BURNEL BURN ROOM HAVE NOT HAVE BURNEL BURNEL BURN BURNEL BURN BURN BURNEL BURNEL BURNEL BURNEL BURN BURNEL BURNEL BURNEL BURNEL BURNEL BURN BURNEL BUR
- VINDOU CLOSURES SHALL BE PAINTED 12 GA HOT-DIPPED GALVANICO SINGLE LEAVES VITH A 1° DEEP PAN FRANE DESIGN. EACH NON-BURN ROOM CLOSURES SHALL BE PROVIDED WITH (D STANLESS STEEL CONTINUES HINGE, (D SLAM LATCH, (D KEYED LEVER DN 146 EXTERDIS SIDE OF THE CLOSURE, (NO D SLAM LATCH, (D KEYED LEVER DN 146 EXTERDIS SIDE OF THE CLOSURE, (NO D HALL-DEEN BEVILLE LEVER DN 146 EXTERDIS SIDE OF THE CLOSURE, (NO D HALL-DEEN BEVILLE LEVER DN 146 EXTERDIS SIDE OF THE CLOSURE, (NO D HALL-DEEN BEVILLE LEVER DN 146 HALTERISK SIDE OF THE CLOSURE, AND CONTINUES SIDE OF THE CLOSURE, AND CONTINUES SIDE OF THE CLOSURE SIDE OF THE CLOSURE, ALL CLOSURE SSALL SE STAND SHALL INCLUDE SPACING SETVERN FRANKENS STEED AND SHALL SETT AND SHALL S
- 9) FLOOR BECKS ABDUE GRADE SHALL BE CONCRETE OVER GALVANIZED 1.5" "C" DECK FASTENED DIRECTLY TO LEVEL FLOOR JOISTS PER THE BEHLEN INDUSTRIES CONSTRUCTION BRAVINGS. ALL FLOOR BECKS SHALL REQUIRE FILED CUTTING AND FITTING AS REQUIRED TO ACCOMMODIATE THE BUILDING CONFIGURATION. CONCRETE FLOOR LES PROVIDED OVER THE VEIDLE OF LITTING AND FITTING AS REQUIRED TO THE ACCOMMODIATE THE BUILDING CONFIGURATION. OF THE THE PROVIDED OVER THE STRUCTURE OF THE WILLIAM CONFIGURATION OF THE STRUCTURE OF THE STRU
- ID ALL CERRIGATED MAIL PANELS ARE TO BE PRETHINED IN PICE OF 9 STANDARD CELERS, COMPOSING CERRIGATED MAIL PANELS ARE 9-9-VITE AND 44 DEEP. COMPOSING CERRIGATED REPORT PANELS ARE TO BE GALVARZED AN'S VITE AND 9 MESP. ALL VALAND ROD' PANELS ARE TO BE BOLTED AT 6" D.C. INCREMENTS UTBLIZING 3/8" BIAMETER BOLT FASTEMERS PROVIDED IN A CELOR TO HATCH THE MALL DR ROD'F PANEL CLUDR.
- ID ALL INTERIOR VALL PARTITIONS SHALL BE CONSTRUCTED OF 4" x 18 GA GALVANIZED HETAL STUDS AT 24" LC. AND 4"1/8" x 18 GA
 GALVANIZED RETAL TRACK. STUDS AT DOOR JAMB HINGES SHALL BE 4"x 12 GA. ALL SUES OF INTERIOR PARTITIONS NOT RECEIVING BURN
 RODH PARKES SHALL RECEIVE 18 GA GALVANIZED SHEETING FASTINED UTH BU X 5/8" LOV PROFILE TEX SOEKEV AT 12" CC.

DESIGN LOADS

	WINDOW SHUTTER HARDWARE PACKAGES						
HARK	1ESCHIPTION	ROUGH	SHUTTER	LICKING HANDLE	NON-LOCKING HANDLE KIT	HOLD OPEN	THERMAL LINING CHANNELS
¥1	LICKING WINDOW SHUTTER	38'x49'	1	1		1	
AS.	LOCKING SURN ROOM SHUTTER	38°×49°	1	1		1	1
W2	LOCKING ATTIC SHUTTER	38'≈37"	- 2	1		1	
V4	NON-LOCKING VINDOV SHUTTER	38°×49°	1		1	1	
V5	NON-LOCKING BURN ROOM SHUTTER	38'%49'	1		1	1	
W6	NON-LOCKING ATTIC SHUTTER	39°x37°	1		1	1	

				DOOR	HARDV	ARE PACK	AGES					
HARK N	DESCRIPTION	ROUGH OPENING	DEBR	INACTIVE LEAF	IIODR SWEEP	DODR KNOB PLATE	KNEB SET	PASSING KNOB SET	NURN NOOR	SLIBE	BARREL BOLT	CANE. BOLT
Di	EXTERIOR SINGLE PLATE DOOR	38'x91'	1		1	1	1					
D2	EXTERIOR SINGLE BURN ROOM DOOR	38'x91'	. 1		1				. 1			
D3	EXTERIOR DOUBLE PLATE DOOR	79"×91"	1	1	2	1	1			1		- 1
34	EXTERIOR DOUBLE BURN ROOM DOOR	79'x91"	1	1.	. 2				1	1	1	1
05	INTERIOR SINGLE PLATE DOOR	38'×91"	- 5		1	3		1				
26	INTERIOR SINGLE BURN ROOM DOOR	38°×91"	1		1				1			
D7	INTERIOR DOUBLE PLATE DOOR	79"x51"	1	1	- 2	. 1		1				
DB	INTERIOR DOUBLE BURN ROOM DOOR	79'x91"	1	1	5				1		1	

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TRAINING SIMULATOR

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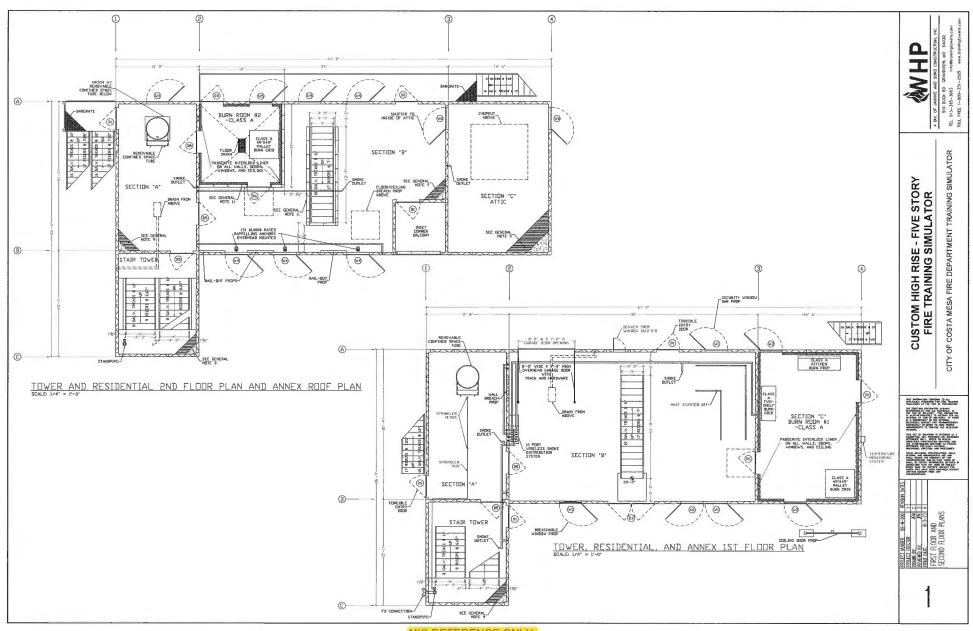
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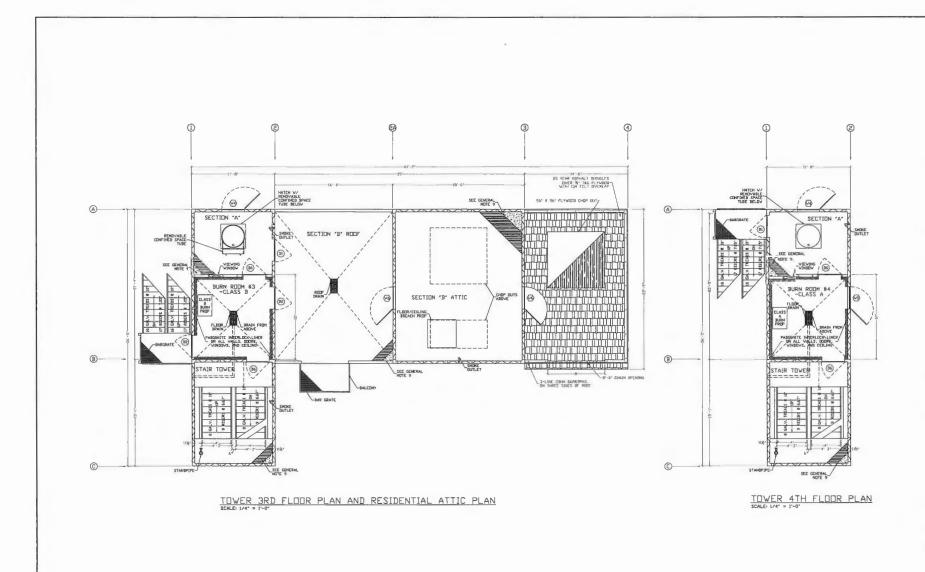
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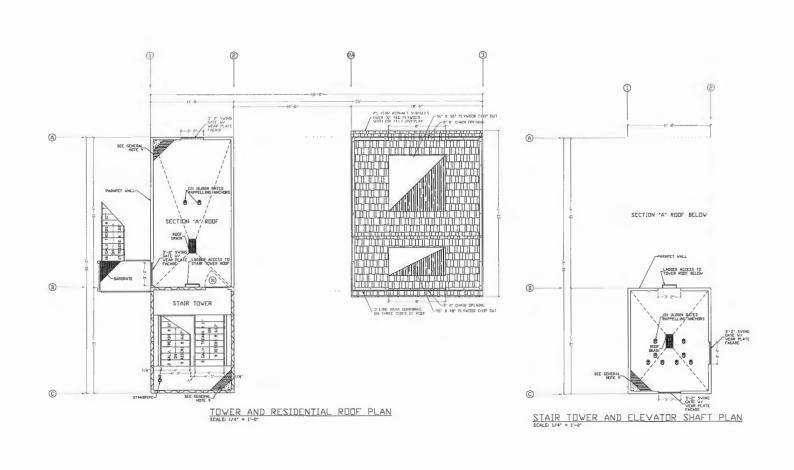


CUSTOM HIGH RISE - FIVE STORY FIRE TRAINING SIMULATOR

CITY OF COSTA MESA FIRE DEPARTMENT TRAINING SIMULATOR

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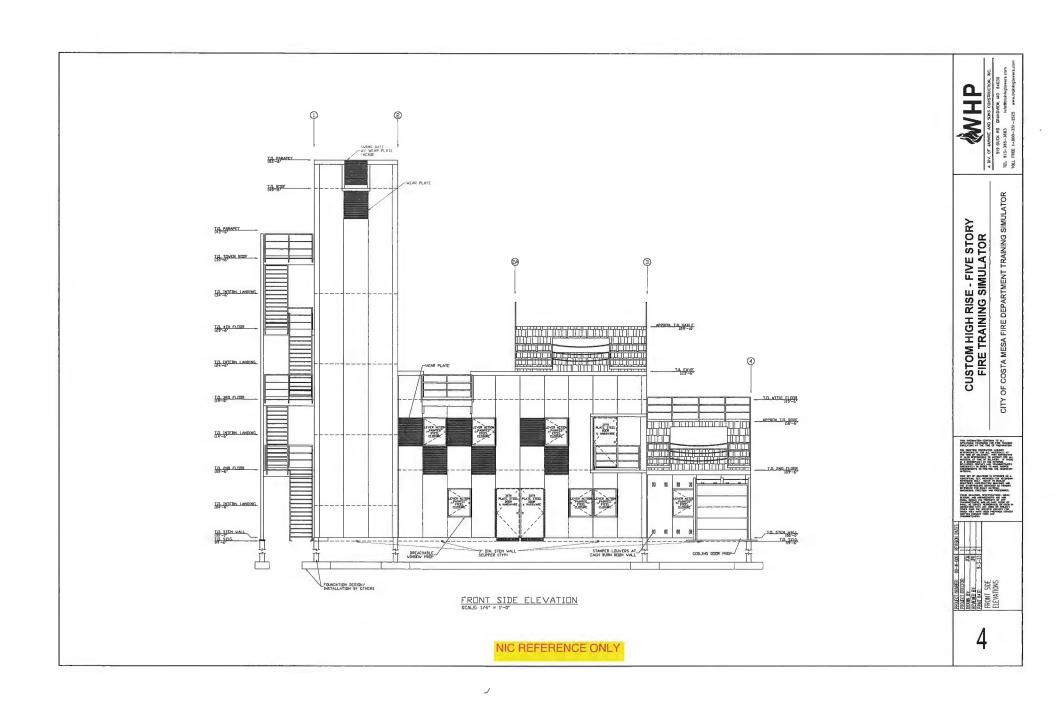
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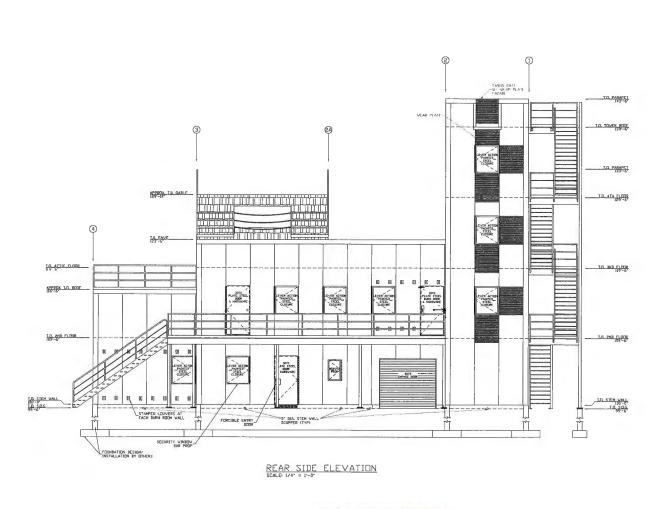
CITY OF COSTA MESA FIRE DEPARTMENT TRAINING SIMULATOR CUSTOM HIGH RISE - FIVE STORY FIRE TRAINING SIMULATOR

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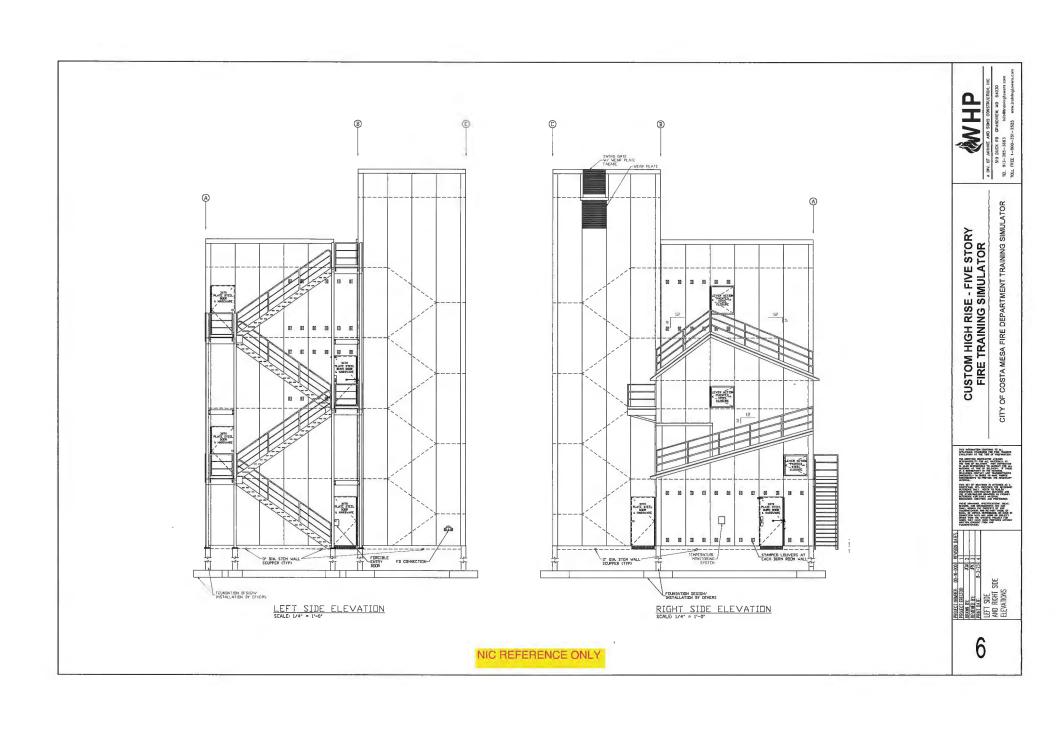


CUSTOM HIGH RISE - FIVE STORY FIRE TRAINING SIMULATOR CITY OF COSTA MESA FIRE DEPARTMENT TRAINING SIMULATOR

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FAITHFUL PERFORMANCE BOND PUBLIC WORK

(The premium charge on this bond is \$ $\frac{41,860.80}{18,00}$, being at the rate of \$ $\frac{18,00}{18,00}$ per thousand of the contract price)

KNOW ALL MEN BY TH	IESE PRESENTS:
THAT, WHEREAS the CITY OF COSTA MESA, 77 I	Fair Drive, Costa Mesa, California 92626, has
entered into a contract dated <u>August 25th</u> , 20 23	, which is hereby incorporated by reference
herein, with Jahnke & Sons Construction, Inc.	. dba WHP Training Towers
hereinafter designated as the "Principal," for the work desc	ribed as follows:
Pre-Fabricated Training Towers	& Installation at FS#4
-	; and
WHEREAS, said Principal is required by the te	rms of said contract to furnish a bond for the
faithful performance of said contract.	
NOW, THEREFORE, We the Principal, and	American Contractors Indemnity Company
a corporation organized and existing under the laws of the	State of <u>California</u> and duly
authorized to transact business under the laws of the State	of California, as Surety, are held and
firmly bound unto the CITY OF COSTA MESA in the pe	nal sum of <u>Two Million</u> , Three Hundred Twenty Five
Thousand, Six Hundred and 13/100 Dollars (\$ 2,325,600.13), la	awful money of the United States, for the
payment of	
which sum well and truly to be made, we bind ours	elves, our heirs, executors, administrators, and
successors, jointly and severally, firmly by these presents.	
The Condition Of This Obligation Is Such, That executors, administrators. successors or assigns, shall intruly keep and perform the covenants, condition and ag thereof made as therein provided, or his or their part, to manner therein specified, and in all respects according indemnify and save harmless the CITY OF COSTA MET then this obligation shall become null and void; otherwise	a all things stand to and abide by, and well and greements in the said contract and any alteration to be kept and performed at the time and in the ag to their true intent and meaning, and shall CSA, its officers and agents, as therein stipulated,
And the said Surety, for value received, hereby Arme, alteration or addition to the terms of the contral perfections accompanying the same shall in any with hereby are notice of any such change, extension of contral to the work or to the specifications.	se affect its obligations on this bond, and it does
NSV THE WITNESS WHEREOF. We have hereunto ser	t our hands and seals this Jahnke & Sons Construction, Inc. Cha WHF Training Towers
By:	huis - del 1 a
11111111	American Contractors Indemnity Company
Ву	
City of Costa Mesa Form — Public Work 2/00	eremy Clawford, Attorney-In-Fact



LABOR AND MATERIALS PAYMENT BOND TO ACCOMPANY CONTRACT PUBLIC WORK

WHEREAS, the City of Costa Mesa, State of California, has awarded to Jahnke & Sons Construction, Inc. dba WHP Training Towers , hereinafter designated as the "Principal", a contract for the project known as: Pre-Fabricated Training Towers & Installation at FS#4 in the City of Costa Mesa, in strict conformity with the contract on file with the Costa Mesa City Clerk, which is incorporated herein by this reference.

WHEREAS, Principal has executed or is about to execute the contract and the terms thereof and California Civil Code section 9554 require the furnishing of a bond, providing that if Principal or any of Principal's subcontractors fails to pay for any materials, provisions, or other supplies used in, upon, for, or about the performance of the work agreed to be done, or for any work or labor done thereon of any kind, the Surety on this bond will pay the same to the extent hereinafter set forth.

NOW, THEREFORE, We, the undersigned Principal, and _____American Contractors Indemnity Company_, duly authorized to transact business under the laws of the State of California, as Surety (referred to herein as "Surety"), are City of held Costa Mesa, in the sum of and firmly bound unto the Two Million, Three Hundred Twenty Five Thousand, Six Hundred and 13/100 Dollars (\$2,325,600.13) lawful money of the United States of America, said sum being equal to 100% of the estimated amount payable to the City of Costa Mesa under the terms of the contract, for which payment well and truly to be made, we bind ourselves, our heirs, executors, executors, and administrators, successors and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the Principal or the Principal's subcontractors fail to pay for any materials, provisions, or other supplies, implements or machinery used in, upon, for, or about the performance of the work contracted to be done, or for any other work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Code with respect to such work or labor, or for any amounts required to be deducted, withheld and paid over to the Employment Development Department from the wages of employees of the Principal and subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor, then the Surety will pay for the same, in an amount not exceeding the sum specified in this Bond, and also, in case suit is brought to enforce the obligations of this Bond, a reasonable attorneys' fees, to be fixed by the Court as required by the provisions of Section 9554 of the California Civil Code.

This bond shall inure to the benefit of any and all persons, companies and corporations entitled to file claims under Section 9100 of the California Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond. And the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligations on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

IN WITNESS WHEREOF, this instrument has been duly executed by the above-named Principal and Surety, on the 6th day of September, 2023.

American Contractors Indemnity Company Name of Surety

801 S. Figueroa St, Suite 700 Los Angeles, CA 90017

Address of Surety

Authorized Agent Signature

Jeremy Crawford, Attorney-In-Fact

Print Name and Title

Jahnke & Sons Construction, Inc. dba WHP Training Towers Name of Contractor (Principal)

By William M. Jahnke, President



POWER OF ATTORNEY

AMERICAN CONTRACTORS INDEMNITY COMPANY TEXAS BONDING COMPANY UNITED STATES SURETY COMPANY U.S. SPECIALTY INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That American Contractors Indemnity Company, a California corporation, Texas Bonding Company, an assumed name of American Contractors Indemnity Company, United States Surety Company, a Maryland corporation and U.S. Specialty Insurance Company, a Texas corporation (collectively, the "Companies"), do by these presents make, constitute and appoint:

Jeremy Crawford, Michael D. Williams, William J. Nemec, Tanya Fukushima, William Gerber, Bradford J. Quiri, Amanda M. Quigley, or Andrea Haight of Golden Valley, Minnesota

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings, including any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts, and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, The Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 23rd day of September, 2021.

AMERICAN CONTRACTORS INDEMNITY COMPANY TEXAS BONDING COMPANY UNITED STATES SURETY COMPANY U.S. SPECIALTY INSURANCE COMPANY

State of California
County of Los Angeles



By: Daniel P. Aguilar, Vice President

A Notary Public or other officer completing this certificate verifies only the identity of the Individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

On this 23rd day of September, 2021, before me, D. Littlefield, a notary public, personally appeared Daniel P. Aguilar, Vice President of American Contractors Indemnity Company, Texas Bonding Company, United States Surety Company and U.S. Specialty Insurance Company who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

D. LITTLEFIELD Notary Public - California Los Angeles County Commission # 2320307 WITNESS my hand and official seal. Externeld My Comm. Expires Jan 31, 2024 Signature (seal) I. Kio Lo. Assistant Secretary of American Contractors Indemnity Company, Texas Bonding Company, United States Surety Company and U.S. Specialty Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect. In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Los Angeles, California this _day of September 2023 Corporate Seals Bond No. 1001203159 19903 - PDF POA Kio Lo, Assistant Secretary Agency No.