

DATE: NOVEMBER 10, 2021 PROJECT No.: 1417-05-CU21

CALIFORNIA.

VERTICAL CONTROL BENCHMARK NO. 195 WITH AN ELEVATION OF 252.72 L&T 12± WEST OF EASTERLY DRIVE APPROACH TO SHELL STATION AT FOOTHILL & BROAD AS PUBLISHED IN THE CITY OF SAN LUIS OBISPO 2007 BENCHMARK SYSTEM. CITY'S BENCHMARK SYSTEM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



APPROVED BY

Brian A. Nelson, City Engineer

1000036

R.C.E. C79870

FILE NO./LOCATION 1417-05-CU21

JUNE 2, 2022

Approved Date

C-1.1

# GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THESE PLANS, SPECIAL PROVISIONS PREPARED FOR THIS PROJECT AND THE 2020 CITY OF SAN LUIS OBISPO STANDARD SPECIFICATIONS AND ENGINEERING STANDARDS. IN CONJUNCTION WITH THE STATE OF CALIFORNIA DEPARTMENT OF RANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, 2015 EDITION (UNREVISED), AND LATEST EDITION OF CALIFORNIA MUTCD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITTEE TO CONTACT "UNDERGROUND SERVICE ALERT OF NORTHERNICENTRAL CALIFORNIA" BY PHONE AT 8-11 FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION FOR LOCATION OF POWER, TELEPHONE, OIL AND NATURAL GAS PNIGHTO 31ART OF COURS INCOLOUR POR COARTING FOUND FT. ELEFANDE, OL FAID INTOACE ON UNDERGROUND FACILITIES CONTRACTOR OR PERMITTE BAIL ALSO CONTACT THE APPOPRIATE AGENCY FOR THE LOCATION OF CABLE TV., WATER, SEVER DRAINAGE OR UNDERGROUND FACILITIES THE CONTRACTOR SHALL POSSESS A CLASS "O R "CIZ" LOCENSE AT THE TIME THE BIDS OPEN AND
- DURING THE ENTIRE LENGTH OF THE CONTRACT. THESE PLANS DO NOT INDICATE ALL EXISTING FACILITIES IN THE VICINITY OF THE PROPOSED WORK SUCH AS EXISTING IRRIGATION HEADS AND LINES, SHRUBBERY AND VEGETATION, ETC. THE CONTRACTOR MUST USE CARE TO AVOID DAMAGE TO ANY EXISTING IMPROVEMENTS OR VEGETATION IN THE VICINITY OF THE WORK, AND MUST REPAIR ANY FACILITIES DAMAGE DURING CONSTRUCTION TO THE
- SATISFACTION OF THE ENGINEER. WHERE TRIMMING OF EXISTING VEGETATION IS REQUIRED DURING CONSTRUCTION IT MUST BE DONE IN A MANNER TO REMOVE THE MINIMUM POSSIBLE AMOUNT OF VEGETATION AND LEAVE THE REMAINING IN AN ATTRACTIVE CONDITION. CONTRACTOR MUST COORDINATE WITH CITY ARBORIST PRIOR TO TRIMMING OF ANY VEGETATION.
- PROTECT TREE BRANCHES, TRUNK, ROOTS AND FOUNDER THROUGH PROPER TRIMMING AND
- PROTECT TREE BRANCHES, IRUNR, ROUTS AND FOLDAGE THROUGH PROPERT INMINING AND CONSTRUCTION TECHNIQUES WHENEVER POSSIBLE PER CITY STD SECTOR 20. THESE PLANS DO NOT INDICATE ALL OVERHEAD LINES. CONTRACTOR SHALL TAKE CARE DURING CONSTRUCTION TO AVOID CONTACT WITH NO FDAMAGE TO EXISTING OVERHEAD LINES.
- ANY EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE
- CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WITH SERVICES IN THE AREA PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND COORDINATE WITH THE UTILITY COMPANIES AFFECTED BY CONSTRUCTION
- AFFEUTED FF CONSTRUCTION. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR'S LICENSED LAND SURVEYOR SHALL FILE A CORNER RECORD IN THE OFFICE OF THE SAN LUS OBISPO COUNTY SURVEYOR FOR EACH EXISTING MONUMENT WITHIN THE PROJECT AREA THAT HAS THE POTENTIAL TO BE DISTURBED. PROTECT
- MORDINERT WITHIN THE PROJECT AREA THAT THAS THE POTENTIAL TO BE USIONBED. PROTECT BENCHMARKS AND PROPERTY CONNERS IN PLACE PER CITY STD SECTION 51-28. PROTECT SURVEY MONUMENTS IN PLACE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REPURCEMENT OF DAMAGED OR DISPLACED 12. REPROVIDE TO COMPARE COMPARED AND A COMPARED AND A
- 13. ALL STRIPING AND MARKINGS SHALL BE PER CALTRANS REVISED STANDARD PLANS 2015 -A20A, A20B. A20C, A20D, A24A, A24B, A24C, A24D, AND A24E. ANY STRIPING NOT MARKED FOR REMOVAL SHALL BE PROTECTED IN PLACE. SEE SPECIAL PROVISIONS SECTION 84. ALL CURB, GUTTER, AND SIDEWALK IMPROVEMENTS SHALL BE COMPLETED PRIOR TO THE START OF
- PAVING WORK
- CONCRETE SIDEWALKS MUST CONFORM TO ENGINEERING STANDARDS 4110 & 4220.
  REMOVAL AND REPLACEMENT OF EXISTING CONCRETE SHALL CONFORM TO ENGINEERING STANDARD 4910
- ALL PAVEMENT MARKINGS, STRIPING, AND SIGN LOCATIONS SHALL BE APPROVED BY THE CITY PRIOR TO 17. INSTALLATION.
- 18 ALL FOLIPMENT SUBMITTALS INCLUDING PATH/STREET LIGHTING SIGNS GREEN BIKE LANE COATING
- ALL EQUIPMENT SUBMITIALS, INCLUDING PATHSTREET LIGHTING, SIGNS, GREEN BIRE LANE COATH ETC, SHALL BE APPROVED BY CITY PRIOT OT INSTALLATION.
  WHERE NO CUBE RAND GUTTER EXISTS AND EDGE OF PAVEMENT IS OBSTRUCTED BY VEGETATION, CONTRACTOR SHALL TRIM BACK VEGETATION TO REVEAL EDGE OF PAVEMENT PRIOR TO IMPROVEMENTS
- 20. GREEN PAINT AT BIKE LANES SHALL BE SEALMASTER SAFE RIDE OR CITY APPROVED EQUIVALENT PER SECTION 84-6 01 HYDRANT MARKERS MUST BE INSTALLED PER STD. 2920. DO NOT INSTALL IN BIKE LANES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UTLITY COVERS IN FIELD.
  CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UTLITY COVERS IN FIELD.
  PROTECT UTILITY COVERS IN PLACE. ENSURE EXCESSIVE LIP BETWEEN COVER AND SLURRY DOES NOT FORM. THERMOPLASTIC STRIPING PLACED ON CONCRETE REQUIRES A PRIMER COAT PRIOR TO APPLICATION

### PROJECT SOILS REPORT

EARTH SYSTEMS PACIFIC PREPARED BY: 4378 OLD SANTA FE ROAD SAN LUIS OBISPO, CA 93401

DATE: November 12, 2021

UPDATED: N/A

- GEOTECHNICAL ENGINEERING REPORT
- REPORT NAME: ANHOLM NEIGHBORHOOD GREENWAY SAN LUIS OBISPO, CALIFORNIA PREPARER: Robert Down, PE

LICENSE: PE 70206

## RAW EARTHWORK QUANTITIES (BIKE PATH)

#### AREA OF DISTURBANCE: 26,000 SQUARE FEET

MAXIMUM CUT HEIGHT: 4.0 FEET

- MAXIMUM FILL HEIGHT: 1.0 FEET
  - RAW CUT: 1,150 CUBIC YARDS
  - RAW FILL: 920 CUBIC YARDS
- ADJUSTED FILL: (ASSUMED 25% SHRINKAGE) 1,150 CUBIC YARDS
  - NET QUANTITY: 0 CUBIC YARDS

## E ADDOMNAATE DAW EADTUWORY OLIANTITIES SUOWN LEDECALDED EDDESENT THE ESTIMATED VOLUMETERS DEEDED/CE CALCULATED BETWEEN THE BOOD THE APPROXIMATE KWY SARTHYNOC QUARTIES SHOWN HERCH REPRESEN THE STIMMATE VOLUMETIC UPTERDECT ACLULATED BETWEIN HE ROPODED BRACHE AND BERNEN GORGE UBACK, AND REST BLACT TO COMPLEXE BESISMATE SOUTHICLUBE CORRECTIONED FOR LOSS OF THE RUBBIN HE ROPODED DRIVER AND DRIVER STORE UBACK, AND REST BLACT TO COMPLEXE BESISMATE SOUTHICLUBE CORRECTIONED FOR LOSS OF THE RUBBIN HE ROPODED DRIVER AND DRIVER STORE UBACK, AND AND REST BLACT TO COMPLEXE STORE STORE TO THE RUBBIN HE ROPODED COMPLICIÓN AND DRIVER STORE UBACK, AND AND REST BLACT TO COMPLEXE AND REST AND REST AND REST AND REST AND REST ANY COMPLEXE AND DRIVER STORE STORES STORE STORES STORE STORE

W EARTHYORK GUINITIES SHOWN ABOVE FOR BIER PATH ABEA RETWEIN FOOTHLL BLYD AND RAMOIA DBWE ONLY. APPROXIMATE RAW INTIES FOR REMAINING PROJECT AREAS ARE HOT PROVIDED, CONTRACTOR IS RESPONSIBLE FOR ANYTALL MATERIALS GUIANTIES, JARTHW ZATED WIN WORK SHOWN REGIEL IS THE RESPONSIBLITT OF THE CONTRACTOR IS DEALDWATER FOR THE PURPOSE OF INMELS AND CONTRACTORN.

## STORMWATER COMPLIANCE

PCRS: THE PROJECT C

- ROAD AND PARKING SURFACE REPAIR
  SIDEWALK AND BIKE PATH
  CURB AND GUTTER IMPROVEMENT OR REPLACEMENT
  IRALIS AND PATHWAYS
  CURB RAMP IMPROVEMENTS

HE PROJECT IS SUBSEQUENTLY EXEMPT FROM CENTRAL COAST POST-CONSTRUCTION STORMWATER REQUIREMENTS PER RESOLUTION R3-2013-0032. REFER TO ROJECT STORMWATER CONTROL PLAN APPLICATION FOR FURTHER DETAILS.

# LEGEND:

	PROPERTY/RIGHT-OF-WAY LINE			EXISTING DRIVEWAY
	CENTER INF		8	EXISTING VALVE
	EATEMENT INIE		₩ <b>₽</b> H	EXISTING FIRE HYDRANT
	PETAININ'S WALL		0 <i>00</i>	EXISTING CLEANOUT
YY			- <b>-</b> P*	EXISTING OVERHEAD POWER POU
		S	\$D	EXISTING MANHOLE
			-0-	EXISTING SIGN
			w	EXISTING WATER
	CTENDIANTS		5	EXISTING SEWER
				EXISTING STORM DRAIN
			— OH — —	EXISTING OVERHEAD LINES
		/		EXISTING MAJOR CONTOUR
	CLASS & ACCEPTION FOR BASE SHOULDED	/		EXISTING MINOR CONTOUR
			315	PROPOSED MAJOR CONTOUR
	210WW DKMM		$\overline{}$	PROPOSED MINOR CONTOUR
	SIORM DRAIN LINE			

### TREE PROTECTION

- 1. PROTECT TREE BRANCHES, TRUNK, ROOTS AND FOLIAGE THROUGH PROPER TRIMMING AND CONSTRUCTION TECHNIQUES WHENEVER POSSIBLE. CONTRACTOR TO HIRE CERTIFIED ARBORIST FOR TREE TRIMMING TO ALLOW NECESSARY EQUIPMENT CLEARANCE AT NO ADDITIONAL COST TO THE CITY. 2. WHERE TREES CANNOT BE TRIMMED TO AVOID CONFLICT WITH CONSTRUCTION EQUIPMENT, THE FOLLOWING
- TECHNIQUES MAY BE UTILIZED TO MINIMIZE DAMAGE DURING CONSTRUCTION ACTIVITIES.
- USE EQUIPMENT THAT IS SHORTER IN HEIGHT OR WIDTH TO AVOID CONTACT WITH TREES BACK EQUIPMENT UNDER LIMBS AND FOLIAGE TO MINIMIZE CONTACT WITH CONSTRUCTION EQUIPMENT
- EMPLOY HAND TECHNIQUES TO AVOID USING EQUIPMENT UNDER VULNERABLE TREES
- UNDER COORDINATION WITH THE CITY ARBORIST. PUSH INTERFERING TREE LIMBS TEMPORARILY OUT OF THE WAY

#### LDS BIKE PATH NOTES

PER CITY OF SAN LUIS OBISPO GRANT DEED AND ROW AGREEMENT:

1. DEED SECTION 2 - RESTORATION OF GRANTOR PROPERTY: CONTRACTOR TO RESTORE AREAS IMPACTED BY CONSTRUCTION WITHIN THE TEMPORARY EASEMENT AREA LOCATED ON THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS ("GRANTOR") PROPERTY TO PRE-CONSTRUCTION CONDITION LIPON COMPLETION OF CONSTRUCTION ACTIVITIES. THIS INCLUDES, BUT IS NOT LIMITED TO REMOVAL OF ALL EQUIPMENT AND MATERIALS, REPAIR OF ANY DAMAGE; AND REPLACEMENT OF TOPSOIL, VEGETATION, MULCH, ETC. MATERIALS, REPAR OF ANT DAMAGE, AND REPORCEMENT OF LOSSID, REDE ATOM, MULCH, ETC. 2. DEED SECTION 5.3 - USE OF BASEMENT AREA: CONTRACTOR SHALL NOT CARRY OUT ANY ACTIVITIES THAT CREATE MUISANCES OR POSE RISKS TO THE GRANTOR, INCLUDING BUT NOT LIMITED TO NOISES, DODORS, LIGHT, DUST, SMOKE, GASES, LIGHT, VIBRATION, RISK OF FIRE, EXPLOSION, OR HAZARDOUS MATERIALS, 3. ROW AGREEMENT - SECTION E: CONTRACTOR TO REINSTALL THE 6' HIGH METAL SECURITY FENCE, OR A 3. ROW AGREEMENT - SECURINE TO CONTRACTOR TO REINSTANCE THE O THIGH METALE SOLUTION TO FERLE ... COMPARABLE REPLACEMENT FICE, ALLONG FOOTHLIL BOULEVARD AND FOR THE LENGTH OF THE PROPERTY LINE BETWEEN THE GRANTOR'S PROPERTY AND THE NEW EASEMENT AREA. 4. ROW AGREEMENT - SECTION E: AS PART OF THE CONSTRUCTION PROJECT. THE CONTRACTOR PLANT EIGHT

4. ROW ARRESIDENT SECTION E. AS PART OF THE CONSTRUCTION PROJECT, THE CONTRACTOR POLICY THAT EXT TREES WITHIN THE TEMPORARY CONSTRUCTION EASEMENT LOCATED ON THE GRAVITORS PROPERTY. 5. CONTRACTOR TO COMPLY WITH THE FULL REQUIREMENTS DESCRIBED IN THE DEED AND RIGHT OF WAY AGREEMENT, WHICH ARE PROVIDED AS AN ATTACHMENT TO THE BID DOCUMENTS.

#### AC MILL AND FILL NOTES

- PRIOR TO CONSTRUCTION, CONTRACTOR TO FIELD VERIFY DIMENSIONS WITH ENGINEER PRIOR TO SAWCUTTING AND DIG.
- FIELD VERIFY WITH ENGINEER PRIOR TO REMOVAL OF BASE FAILURES. DIGOUTS OF BASE FAILURES SHALL 2 BE REMOVED AND REPLACED PRIOR TO FIRST LIFT. DEPTH OF BASE DIGOUT TO BE DETERMINED GEOTECHNICAL ENGINEER.
- ASSUMED CLASS II AGGREGATE BASE SUBGRADE ASSUMED TO BE SUFFICIENT AND TO BE PROTECTED IN PLACE. PROCESS OF A CONSTRUCTION, ANY CHANGE IN DEPTH OF HMA OR CLASS II AGGREGATE BASE SUBGRADE MATERIAL TO BE COODINATED WITH CITY AND GEOTECHNICAL ENGINEER. PLACE 10° U.O.N MIN HOT MIX ASPHALT (HMA) TYPE "4" IN LIFTS PER STATE STANDARD SPECIFICATIONS.
- THE INITIAL LIFT MUST BE 3-INCHES THICK (1/2" MAX AGGREGATE) AND FINAL LIFT BE 3-INCHES THICK (1/2" MAX AGGREGATE). MAX AGGREGATE). MILLING AND FILLING WITH THE INITIAL LIFT OF 3-INCHES MUST BE COMPELTED ON THE SAME WORK SHIFT.
- THE INITIAL LIFT OF 3 INCHES MUST BE COMPLETED FOR THE ENTIRE LENGTH AND WIDTH OF THE DESIGNATED AREA BEFORE THE FINAL LIFT CAN BE COMPLETED. CONTRACTOR TO PAVE UP TO GUTTER LIP OR BEDGE OF EXISTING PAVEMENT SAWCUT LINE.
- PAVEMENT CROSS SLOPES SHALL MATCH EXISTING EXCEPT THAT CROSS SLOPES SHALL BE LIMITED TO 1.5%
- HAVENENT CHOSES SLOPES SHALL MATCH EAST ING EACEPT THAT CHOSES SLOPES SHALL BE LIN MINIMUM AND 3.0% MAXIMUM, UNLESS OTHERWISE APPROVED BY THE CITY AND/OR ENGINEER. HMA AGGREGATE SIZE MUST COMPLY WITH CITY SPECIFICATIONS SECTION 39-3.01.

AB	AGGREGATE BASE	NTS	NOLIO SCALE
AC	ASPHALT CONCRETE	PL	PROPERTY LINE
AP	ANGLE POINT	PCL	PARCEL
ARV	AIR RELEASE VALVE	PCC	PORTLAND CEMENT CONCRETE
BCK	BEGIN CURVE	PUC	POINT OF CURVE/POINT OF CONNECTION
SW CR	BACK OF WALK	POI	POINT OF TANGENT
	CRICH BASIN	PRG	POINT OF REVERSE CORVE
CMP	COPPLICATED METAL PIPE	PET WALL	REGREGERATION WALL
CONC	CONCRETE	RP.	REDUCED PRESSURE
DBH	DIAMETER AT BREAST HEIGHT (OF A TREE!	RW	RECYCLED WATER
DI	DRAIN INLET	SD	STORM DRAIN
DIP	DUCTILE IRON PIPE	SEM	SEWER FORCE MAIN
EG	EXISTING GRADE	SL	STREET LIGHT/SERVICE LATERAL
ÐC.	EXISTING	SS	SANITARY SEWER
ELEV	ELEVATION	STA	STATION
FDC	FIRE DEPARTMENT CONNECTION	STD.	STANDARD
FG	FINISHED GRADE	TBD	TO BE DETERMINED
FL FF	FLOWLINE DATE OF A CE	IBM	TOD OF CURP.
r5 ED	ENISHED BAD	TE	TOP OF CORB
FW	FIRE WATER	TP	TOP OF PAVEMENT
HP	HIGH POINT	IG	TOP OF GRATE
IPS .	IRON PIPE SIZE	TYP.	TYPICAL
JT	JOINT TRENCH	TW	TOP OF WALL
LP	LOW POINT	UON	UNLESS OTHERWISE NOTED
EL.	MUMIXAM	w	WATER
MIN.	MINIMUM	WSE	WATER SURFACE ELEVATION



**GREENWA** 

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PROFESSIONAL K. YOS

No. 78227

SKY BLM SKY

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1+50

1+75

## CHORRO | MOUNTAIN VIEW (SE)

1+00

1+25

1" = 5' HORIZONTAL SCALE 1" = 1' VERTICAL SCALE

0+90

REMOVE AND REINSTALL SPEED HUMP (TYPE 2) PER CITY STD. 7320 & 7321.

REMOVE AND REINSTALL SPEED TABLE PER CITY STD. 7325.

REMOVE EXISTING CONCRETE CURB. REMOVE EXISTING CONCRETE CURB AND GUTTER.

1+93



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GREENWAY

**LUIS** 

SAN

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MOUNTAIN VIEW CURB RETURNS

SKY BLM HECKED BY SKY PROVED BY: BCALE AS NOTED JUNE 2, 2022

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# **GENERAL NOTES**

- CODE COMPLIANCE: ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH CODES, STANDARDS, AND ORDINANCES AS SET FORTH BY THE AUTHORITIES HAVING JURISDICTION AND THEIR LATEST ADOPTED EDITIONS (IN EFFECT AT TIME OF BUILDING PERMIT APPLICATION) OF THE FOLLOWING PUBLICATIONS:
- CALIFORNIA CODE OF REGULATIONS TITLE 24; INCLUDES 2019 CALIFORNIA ELECTRICAL CODE 2019 CALIFORNIA FIRE CODE, 2019 CALIFORNIA BUILDING CODE, ETC. WITH LOCAL AMENDMEN AS APPLICABLE.
- SAFETY: THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL EQUIPMENT IN A SAFE 2
- LAREL DANELS CARINETS RACKROARDS MAIN DEVICES SAFETY SWITCHES CONTACTORS AND LABLE PANELS, CABINETS, BACKBOARDS, MAIN DEVICES, SAFETY SWITCHES, CONTACTORS AND OTHER SPECIFICALLY DESIGNATED EQUIPMENT SHOWN ON PLANS. USE ENGRAVED LAMINATED PLASTIC NAMERLATES ATTACHED BY SCREWS OR RIVETS. FOR FEEDERS, NEATLY AND INDELIBLY LABLE CONDUIT DESTINATIONS ON BOTH VISIBLE ENDS OF CONDUIT RUNS WHERE CONDUITS TERMINATE A DESIGNATED ENCLOSURES, STRUCTURES OR COUPMENT (INCLUDING PLLL AND SPLICE BOXES)
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION UNLESS OTHERWISE 4
- ALL SWITCHES, CIRCUIT BREAKERS AND OTHER EQUIPMENT, AS SPECIFIED, SHALL HAVE TERMINATION PROVISIONS LISTED AND IDENTIFIED FOR USE WITH 75 DEG. CONDUCTORS, AND ALL FEEDER CONDUCTORS, AND CONDUITS, ARE SIZE BASED ON USE OF 75 DEG. C COPPER WIRES TYPE THWNTHIN.
- DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT



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# SINGLE LINE DIAGRAM NOTES

- ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION UNLESS OTHERWISE NOTED
- EXPOSED CONDUIT SHALL BE GALVANIZED RIGID CONDUIT. BURIED CONDUIT MAY BE SCHEDULE SO DVC AS ALLOWED BY CEC ALL SWITCHES, CIRCUIT BREAKERS AND OTHER EQUIPMENT, AS SPECIFIED, SHALL HAVE TERMINATION PROVISIONS LISTED AND IDENTIFIED FOR USE WITH 75 DEG. CONDUCTORS, AND ALL FEEDER CONDUCTORS, AND CONDUITS, ARE SIZE BASED ON USE OF 75 DEG. COOPPER WIRES TYPE THWINTHIN.
- ALL EQUIPMENT SHALL HAVE AN APPROVED TESTING LABORATORY LABEL ATTACHED JUL. CSA. ETC.J (CEC 110-2).
- PER CALIFORNIA TITLE 24 SECTION 130.5, WIRING PROVISIONS HAVE BEEN MADE FOR DESEGREGATION OF THE ELECTRICAL CIRCUITS. THE OPTIONAL METERING HAS NOT BEEN PROVIDED FOR THIS PROJECT.

## ⊗REFERENCE NOTES

- 3" C.O. FOR PG&E SECONDARY, ROUTE EXISTING WOOD POLE. CONFIRM WITH PG&E HANDOU PACKAGE
- METER PEDESTAL. 316 STAINLESS STREET. 2. MYERS MEUG32-S OR EQUAL. 4 CIRCUIT ASTRONOMIC TIME CLOCK AND LIGHTING CONTACTOR. INTERMATIC ET2845CP
- 4.
- FENCE BACK LIGHTING 24VDC POWER SUPPLY AND CONTROLLER WITH DMX COLOR CONTROL FRESCO PART # FCS-7-DMX.
- 5. #3-1/2 PULL BOX PER CITY STANDARDS. 6. 2\*C - 2#10 THWN & 1#10 GND
  - 2\*C.O. WITH PULL ROPE.
- 1°C 1.5PR#16 TSP FOR BACKLIGHT DMX SIGNAL & 1PR#16 FOR 24VDC POWER TO DPI BOX 8. 9. 1°C - SPARE (PULL ROPE ONLY)
- 10. IRRIGATION CONTROLLER PER LANDSCAPE
- PLANS
- 11. 2°C FOR IRRIGATION CONTROL CABLES. 12. SEE WIRING BLOCK DIAGRAM FROM ADDITIONAL CONDUIT DETAILS.

FAULT CURRENT LABEL

140

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Store RETT

1+

Wath 20833 EXP. 9-30-22

TIE OF CALIFORN

Arc Flash and Shock Hazard

Appropriate PPE Required



# CHORRO UNDERPASS SINGLE LINE DIAGRAM



# **®REFERENCE NOTES**

- 4 CIRCUIT ASTRONOMIC TIME CLOCK AND LIGHTING CONTACTOR. INTERMATIC ET2845CI
- FENCE BACK LIGHTING 24VDC, 20W POWER SUPPLY.
- DMX512 CONTROLLER WITH COLOR CONTROL. FRESCO PART # FCS-7-DMX
- CAT6 ETHERNET CABLE, 300VAC RATED INSULATION. DPI512 4-WAY SPLITTER. HYDREL PART # DPI4WHYD.
- #3-1/2 PULL BOX PER CITY STANDARDS. TYPICAL.

- (2)1°C FOR FUTURE BACKLIGHT DMX SIGNAL AND SPARE, PROVIDE PULL ROPE IN FACH
- 10 2°C & (2)1°C SPARE CONDUITS WITH PULL ROPES

# ARC FLASH LABEL NOTES

- PER NEC 110.24 AND 110.21 PROVIDE LABELS ON ELECTRICAL SERVICE EQUIPMENT INDICATING MAXIMUM AVAILABLE FAULT CURRENT AND DATE OF FAULT CURRENT CALCULATION. REFER TO LABELING DETAILS, THIS SHEET.
- 2 PER NEC 110 16 AND 110 21 PROVIDE LABELS AND MARKINGS ON ELECTRICAL DISTRIBUTION EQUIPMENT (I.E SWITCHBOARDS, PANELBOARDS) INDICATING POTENTIAL ARC FLASH HAZARDS. REFER TO LABELING DETAILS, THIS



GOTTO@OTTOELECTRICAL.COM 805.459.4329

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## WELO CERTIFICATION OF COMPLIANCE

THIS LANDSCAPE FURN, NEEKI NEEKI LEEKI NILL COMING WITH THE COUNT OF SAN LUB GREPO MARICONAL COOCHAINCH WAR CONSTRUCTION MANDARE WARE REPORTED MANORE OF DEMANCE WITH PEPPARED IN ACCORDANCE WITH THE WARE REPORTED MANOREM WORK UNLESS APPRODUX A MO APPROXEM, THE WOLCH VALUES WERE GIVEN IN THE PARIAL PREVIDE COLORIDATE DIN THE CREATE SPECIFIC PLAN DESCH GUIDELINES AND ARE USED TO DETEXMENT P( PLANT FACTOR) VALUE IN THE CALCULATION IN THE CONSTRUCTION DOCUMENT PARA.

THE WATER CONSERVATION METHOD FOR THI NEW LANDSCAPE FLANT MATERIAL WILL HAVE A LOW TO LOW/NDD FF (FLANT FACTOR) RATING AND THE EIWU (ESTIMATED TOTAL; WATER USE) PRP TRA'S ESTIMATED TO BE WITTI NI THE MAXIMUM ALLOWARD WATER FALLOCATION (MAWAR) WISCH WILL BE CACULAUEDFOR THE PROJECT, JODINONALL Y, A STAMPT CONNOLER WITH A CUMAIE CONTROL WILL BE CACULAUEDFOR THE PROJECT, JODINONALL Y, A STAMPT CONNOLER WITH A CUMAIE CONTROL WILL BE CACULAUEDFOR THE USED TO MONITOR THE REGATION WATER AND EXAMPTIONE TO THE MANAMIA REQUIREMENTS FOR REGATION WATER AND EXAMPTIONE TO THE MANAMIA REQUIREMENTS FOR EACH THE AND EXAMPTION THAT AND EXAMPTIONE TO THE MANAMIA REQUIREMENTS FOR EACH THE REGATION WATER TO AND EXAMPTIONE TO THE MANAMIA REQUIREMENTS FOR EACH THE REGATION WATER TO AN ADDRESS TO THAT DAVE ESTABLISHED. WATER CALLER AND EXAMPTED AND ADDRESS TO ADDRESS TO THAT DAVE ESTABLISHED. WATER CALLER AND EXAMPLE TO ADDRESS TO THE MANDES STATEMENT ON THE MANAMIA REQUIREMENTS FOR EACH THE REGATION AND EXAMPLES AND THE THE MANA AND ADDRESS TO THE THE AND THE THE AND THE MANAMIA ADDRESS TO THAT DAVE ESTABLISHED. WATER CALLER AND EXAMPLES AND EXAMPLES AND THE THE MANDE ADDRESS AND THE THE AND THE ADDRESS AND THE THE MANAMIA REQUIREMENT FOR CALLER AND EXAMPLES AND THE ADDRESS AND THE ADDRESS AND THAT DAVE ESTABLISHED. WATER CALLER AND THE ADDRESS AND THE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THE ADDRESS AND THE ADDRESS AND THAT DAVE ESTABLISHED. MANDESS AND THE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THAT DAVE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THE ADDRESS AND THAT DAVE CONTROL ADDRESS AND THAT DAVE CONTRO



MELANIE MULS, LANDSCAPE ARCHITECT RLA NO. 5394

## WATER CALCULATIONS



## IRRIGATION NOTES

- CONTRACTOR SHALL SLEEVE ALL LATERALS AND MARKINES RUNNING UNDER PAYING, PIPE SLEEVE SLE SHALL ALLOW FOR IRIGATION IPPING AND RELATED COLUMINGS TO EASILY SLOE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES MINIMUM 18 INCHES BEYOND IDDIG SO FANYING OF CONSTRUCTION.
- IRRIGATION FLANIS DIAGRAMMATIC. INAL LOCATION OF PIPHS WILL BE DETEMINED AT THE TWE CF INSTALLATION. MANAUE AND LATERAL SHALL BE FLACED IN THE SAVE TRENCHWHEN POSSIBLE. ALL G.C. VALVES ARE TO BE LOCATED 12" TROM SOPPHALS CURS, ANNAL 3 CONCERED SURVEYS.
- ALL EQUIPMENT REQUIRED BUT NOT SPECIFIED ON THE DRAWING, TO COMPLETE THE WORK, SHALL BE PROVIDED BY THE IRRIGATION CONTRACTOR.
- 4. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND/OR SPECIFICATIONS.
- CONTRUCTOR SHALL COORDWATEROWER TO CONTROLLESS AND REPORTED (1) TO MARE INSERTING FACUL CONTROLLE. IN A MARKED REPEREMENTANCE AND MERCATE OWNER TO AND TO AND TO AND TO SERVICE AND HOOK (PTO TO ECONTROLLES SHALL BE CONTROLLER LOCATION FOR TO INSERT ON AND TO BE A PART OF THE LANGCONFECTIONESS BID.
- 6. CONTRACTOR SHALL FAMILIARDE HARSELF WITH THE PLANS AND STE CONDITIONS PROR TO BEGINNING WORK. SHOULD CONFLICTING IMPORATIONS BEFOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT LANDSCAFE ARCHIECT EBFORE PROCEEDING WITH THE WORK IN QUESTION.
- 7. DO HOT WILFLEY REAL THE REGARDING STEM AS SHOWN ON THE DRAWINGS WHEN IT & GVIXIGUI IN HER HELD THAT OMERICING, PAMIN MERINE JACANIC, GARGE DIFFERICE: CO HER DEFENCES IN HER ARE. DIMENSIONS OF BUT THAT MIGHT NOT HAVE BEEN COVIDERED IN THE FUGNEERING, SUCH OBSTRUCTIONS OF DIFFERINCES SHOULD BE INDUCED TO THE ARTISTICS OF THE LANDICARE. ACKNETICS, IN THE EVAIL THE NOTIFICATIONS OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DIFFERINCE ON DESIDENCE THAT OPERATIONS OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME THAT FOR ANY EVALUATION OF DESIDENCE AND ANY EVALUATION OF THE CONTRACTOR SHALL ASSUME ASSUME THAT ANY EVALUATION OF DESIDENCE AND ANY AND EXPENSE OF THE CONTRACTOR SHALL ASSUME ASSUME ASSUME AND ANY EVALUATION OF THE DESIDENCE AND ANY AND EXPENSE OF THE CONTRACTOR SHALL ASSUME ASSUME ASSUME ASSUME AND ASSUME AND ASSUME ASSUME ASSUME ASSUME AND ASSUME ASSUME AND ASSUME ASSUME AND ASSUME A
- 8. CONTRACTOR SHALL ADJUST HEADS AS NEEDED TO MINIMUE OVERSPRAY ONTO HARDSCAPE AREAS.
- 9. WRE BETWEEN CONTROLLER AND VALVES TO BE COLOR STRANDED AND NOT A 2-WIRE SYSTEM.
- SPLICING OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COLLOF EXCESS WIRE AT EACH SPLICE. LABLE ALL WIRES WIL WATERPROOF MARKERS AT ALL SPLICES AND VALVE MANEFOLDS.
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL APPEARING ON PLAN.
- 12. PROVIDE PVC SHITOFF VALVE FOR EACH VALVE.
- 13. ALL EXISTING UTILITIES, WATER LINES AND FRE HYDRANIS SHALL REMAIN. CONNECTED AND IN FULL CONTINUOUS OPERATION DURING AND FOLLOWING ALL CONTRACT WORK.
- CONTRACTOR SHALL MAKE ALL RECESSARY ADJISTMENTS TO THE IRREGATION SYSTEM FOLLOWING A PRECIPITATION TEST PER THE OWNER. ADJISTMENTS HALL INCLUDE BUT WILL NOT BE LIMITED TO: HEAD REOCATION. CHANGNG NOZZLES, AND ADJISTMENT ON TATIAN ASS. EFFICIENT UNIFORMITY AS EFGUIRED BY THE OWNER.
- CONTRACTOR SHALL SLEEVE ALL REPC CROSENGS UNDER HARDSCAPE. ALL SLEEVES UNDER PAYING SHALL RECEIVE IDENTIFING MARK ON TOP OF HARDSCAPE AF IDGE OF PLANTER TO INDICATE LOCATION OF SLEEVE. EXTIND ALL SLEEVES IF BEYOND EDGE OF HARDSCAPE. TY
- ALL NEW IRRIGATION BOXES, AND A DUITIONAL BOXES SHALL BE LOCATED IN PLANTING AREAS 18" MIN. AWAY FROM ADJACENT FAVING AND 5" MIN. AWAY FROM INWEDIATE BUILDING ENTRIES.
- 17. EXTRA VALVE WIRS SHALL BE PROVIDED FOR EACH VALVE STATION NOT USED ON PROPOSED. CONTROLLER. UNLESS OTHERWISE NOTED ON FULANS, VALVE WIRSS SHALL BE EXTENDED IND LIDCATED IN TWO [2] VALVE BOXES EACH LOCATED AT POUR OPPORTE DIVIS OF THE PROJECT SHE.
- 18. FOR ALL DRP AREAS: CONTRACTOR TO INSTALL AIR RELEF VALVES. OPERATION INDICATORS AND FLUSH VALVES IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- Tor LANDCAPE AREASTO RECEIVE BRIGARION, CONTRACTOR RALL INCIDIATUL ANY PLANTING URITE THE FELOUWARD AND COMPLETED: THE BRIGARION STOTE WALL BE RULL OPERATIONAL 2: IMPORTANCE HERS SHALL HE PREFORMED ON HAIN AND LATERAL LINES. 3. ALL CONES SHALL RASS A COVERAGE TEST. 4. CONTROLLERS SHALL BE RULLY OPERATIONAL.
- 20. TREES NOT SERVICED BY IRRIGATION TO RECEIVE TEMPORARY TREE WATERING BAG. PER SPECIFICATIONS

#### **IRRIGATION SCHEDULE** SYMBOL MANUFACTURER/MODEL ARC PSI RADIUS 0 HUNTER MP STRIP PROS-12-PRS40-CV-F LCS 40 5'x15' HUNTER MP STRIP PROS-12-PR\$40-CV-F RCS 40 5'x15' ۵ HUNTER MP1000 PROS-12-PRS40-CV-F 90-210 40 14 ۵ HUNTER MP1000 PROS-12-PRS40-CV-F 360 40 14 0 HUNTER MP2000 PROS-12-PRS40-CV-F 90-210 40 19 8 RAIN BIRD RWS-8-C 1401 360 40 3' **SYMBOL** MANUFACTURER/MODEL/DESCRIPTION PIPETRANSITION POINT ABOVE GRADE PIPETRANSITION POINT FROM PVC LATERAL TO DRIP ۲ THINKS. AREA TO RECEIVE DRIP EMITTERS AND RED XB PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS, FLOW RATES OF 0.5 GPH=BLUE, 1.0 GPH=BLACK, AND 2.0 GPH=RED. COMES WITH A SELF-PIERCING BARB IN ET K BARB OUTLET SYMBOL MANUFACTURER/MODEL/DESCRIPTION RAIN BIRD PEIBR-PRS-D ACHIE DIRU PEURINYRSHU ELECTRIC REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS WITH SCRUBBER MECHANISM AND PRESSURE REGI II ATOR . RAIN BIRD 44-LRC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING. LOCKING THERMOPLASTIC PUBBER COVER, AND 2-PIECE BODY MAICO-NORCA 759°C BRASS SHUT OFF BALL VALVE, 1/2' TO 4", TWO PIECE BODY, BLOW OUT PRCOF STEM, CHROME PLATED SOLD BRASS BALL THREADED, WITH PTFE SEATS. C X C. SAME SUF ASMANI INF PIPE ¥ SUPERIOR 3100 1" 9 NORMALLY OPEN DESIGN, SOLID BRASS CONSTRUCTION, ELECTRIC. FEBCO 825Y IF 3/4" REDUCED PRESSURE RACKE OW PREVENTER œ C1 CALSENSE CONTROLLER (CITY SPEC) C2 CALSENSE CONTROLLER (CITY SPEC) 3 CALSENSE TEE INSERTED FLOW SENSOR 42 WATER METER 3/4' EXISTING CITY SERVICE MAIN, NEW METER REQUIRED.

- EXISTING CITY SERVICE MAIN. NEW METER REQUIRED. WATER METER 3/4" CITY'S POTABLE WATER SERVICE
  - IRRIGATION LATERAL LINE: PVC SCHEDULE 40
- ------- IRRIGATION MAINLINE: PVC SCHEDULE 40

PIPE SLEEVE: DUCTILE IRON PIPE- CLASS 350



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CERRO SAN LUIS GREENWAY RIGATION NOTES AND SCHEDUL

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PLAN	IT SCHEDULE						SHRUBS	BOTANICALNAME	COMMON NAME	CONT	WUCOIS	QIY	DETAIL	and the second
TREES	BOTANICAL NAME	COMMON NAME	CONT	WUCOLS	QTY	DETAIL	¢	ACHILIEA X MOONSHINE	MOONSHINE YARROW	I GAL	LOW	52	PER CITYSTAND.ARDS DETAIL #8410 & #8420	CITY OF
AP							o	AGAVE ATTENUATA 'NOVA'	BLUE FLAME AGAVE	I GAL	LOW	36	PER CITY STANDARDS DETAIL #8410.8, #8420	
V.	AESCULUS CALIFORNICA	CALIFORNIA BUCKEYE	15 GAL	VERY LOW	2	PER CITY STANDARDS DETAIL #8220	0	DIPLACUS AURANTIACUS	STICKY MONKEYFLOWER	I GAL	VERY LOW	75	PER CITY STANDARDS DETAIL #8410 & #8420	TUIS OF
$\sim$							0	ERIOGONUM CROCATUM	SAFFRON BUCKWHEAT	I GAL	LOW	16	PER CITYSTANDARDS DETAIL #8410 & #8420	********
$\langle \cdot \rangle$	AGONIS FLEXUOSA	PEPPERMINTTREE	15 GAL	LOW	8	PER CITY STANDARDS	۲	ERIOGONUM FASCICULATUM WARRINER LYTLE'	WARRINER LYTLE CALIFORNIA BUCKWHEAT	I GAL	LOW	4	PER CITYSTANDARDS DETAIL #8410 & #8420	
						DETAIL #8220	a	FESTUCA CALIFORNICA 'RIVER HOUSE BLUES'	RIVER HOUSE BLUES CAUFORNIA FESCUE	I GAL	LOW	355	PER CITY STANDARDS DETAIL #8410.& #8420	
<u> </u>					2		÷.	FESTUCA MUELLERI	MUELLER'S FESCUE	1 GAL	LOW	306	PER CITYSTANDARDS DETAIL #8410.8. #8420	
لحرب الم	CALISTEMON VIMINALS	WEEPING BOTTLEBRUSH	15 GAL	low	6	DETAIL #8220		FESTUCA RUBRA MOLATE	MOLATE RED FESCUE	GAL	LOW	35	PER CITY STANDARDS DETAIL #8410.8, #8420	S
Sand							$\otimes$	FRANGULA CALIFORNICA 'MOUND SAN BRUNO'	MOUND SAN BRUNO COFFEEBERRY	5 GAL	LOW	14	PER CITYSTANDARDS DETAIL #8410 & #8420	E E
{ + }	EUCALYPTUS TORQUATA	CORALGUM	15 GAL	low	1	PER CITY STANDARDS DETAIL #8220	e	IRS DOUGLASIANA	DOUGLAS IRIS	I GAL	LOW	12	PER CITYSTANDARDS DETAIL #8410.8 #8420	× ž
and a								JUNCUS PATENS 'ELK BLUE'	ELK BLUE CALIFORNIA GRAY RUSH	I GAL	LOW	144	PER CITY STANDARDS DETAIL #8410 & #8420	A D
د . }	LAGIRSTROEMIA INDICA 'RED'	CRAPE MYRILE	15 GAL	LOW	9	PER CITY STANDARDS	c	LEYMUS CONDENSATUS "CANYON PRINCE"	NATIVE BLUE RYE	I GAL	LOW	41	PER CITYSTANDARDS DETAIL #8410 & #8420	A B
$\sim$	/					UPINE POLO	o	LOMANDRA CONFERTIFOLIA 'POM POM'	SHORTY MAT RUSH	I GAL	LOW	12	PER CITY STANDARDS DETAIL #8410 & #8420	LE XE
$\bigcirc$	PISTACIA CHINENSIS	CHINESE PISTACHE	15 GAL	LOW	21	PER CITY STANDARDS	۲	LOMANDRA LONGIFOLIA 'BREEZE' IM	BREEZE MAT RUSH	GAL	LOW	51	PER CITYSTAND.ARDS DETAIL #8410.8 #8420	DU
$\mathcal{Q}$							0	LOMANDRA LONGIFOLIA 'PLATINUM BEAUTY'	VARIEGATED RUSH	I GAL	LOW	5	PER CITY STANDARDS DETAIL #8410.8, #8420	3   뿐
Secular .	3						۲	LOMANDRA X 'LOMLON' TM	LIME TUFF DWARF MAT RUSH	I GAL	LOW	5	PER CITYSTAND.ARDS DETAIL #8410.& #8420	SC AN
. ج	LATANUS RACEMOSA	CALIFORNIA SYCAMORE	15 GAL	MODERATE	13	PER CITY STANDARDS	$\odot$	MISCANTHUS SINENSS 'MORNING UGHI'	MORNING LIGHT EULALIA GRASS	5 GAL	LOW	7	PER CITY STANDARDS DETAIL #8410.& #8420	SOU
ζ. Λ `	P'					DEPA POLO	Ø	MUHLENBERGIA DUBIA	PINE MUHLY	I GAL	LOW	97	PER CITYSTANDARDS DETAIL #8410.6. #8420	IN RR
- Chun	P						泰	MUHLENBERGIA RIGENS	DEER GRASS	I GAL	LOW	55	PER CITYSTANDARDS DETAIL #8410 & #8420	L G
		THE REAL	1104	1014		BID OTV STANDADOS	0	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	1 GAL	LOW	9	PER CITYSTANDARDS DETAIL #8410.& #8420	
	GUECUS IOMENIELLA	SLAND DVE OAK	15 GAL	LOW	2	DETAIL #8220	Θ	NEPETA X FAASSENII PURRSIAN BLUE	PURRSIAN BLUE CATMINT	I GAL	LOW	н	PER CITY STANDARDS DETAIL #8410 & #8420	
							~~	PARTHENOCISSUS QUINQUEFOLIA	VIRGINA CREEPER	I GAL	MODEFATE	20	PER CITYSTANDARDS DETAIL #8410 & #8420	
							0	PENNISETUM SPATHIOLATUM	RYE PUFFS	I GAL	LOW	44	PER CITYSTANDARDS DETAIL #8410 & #8420	4
							۲	PHLOMIS FRUTICOSA	JERUSALEM SAGE	I GAL	LOW	10	PER CITYSTANDARDS DETAIL #8410 & #8420	LECT THE
							O	RIBES SPECIOSUM	FUCHSIA FLOWERING GOOSEBERRY	GAL	LOW	21	PER CITYSTANDARDS DETAIL #8410 & #8420	PRC

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ROSA CALIFORNICA 'ELSIE'

SESLERIA AUTUMNAUS "CAMPO VERDE"

SALVIA SPATHACEA

CALIFORNIA WILD ROSE

HUMMINGRIPD SAGE

AUTUMN MOOR GRASS

I GAL LOW

I GAL LOW

I GAL MODEFATE

PER CITY STANDARDS DETAIL #8410 & #8420

PER CITY STANDARDS DETAIL #8410 & #8420

PER CITY STANDARDS DETAIL #8410 & #8420

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## GENERAL PLANTING NOTES

- 1. THERE ARE TWO TYPES OF LANDSCAPE AREAS ON THESE PLANS: 1.1.
- BIORETENTION AREAS: RECEIVE & SPECIAL SOIL MIX AND COMPOST MULCH NOT BARK MULCH, PER PLANS AND SPECIFICATIONS. 1.2: CONVENTIONAL PLANTING AREAS: SOLIS TO BE AMENDED WITH COMPOST AND MULCHED WITH BARK MULCH PIR THE SPECIFICATIONS.
- CONTRACTOR SHALL SUBMIT LABLED REPRESENTATIVE PHOTOS OF ALL PLANT MATERIAL TREES AND GROUNDCOVERS, PHOTOS SHALL BE OF THE SPECTRED CONTAINEE SZE PHOTOS SHALL BE SUBMITTED AS A COMPLETE SUBMITAL PACTAGE FOR REVIEW AND APPROVAL. INCLUSE PHOTOS OF AIM PROPOSED SUBSTITUTES, CLEARLY LABELED. 2.
- PLANTED AREAS SHALL BE MAINTAINED PER SPECIFICATIONS. 3.
- CONTRACTOR SHALL PROVIDE ALL IABOR, MATERIALS, AND EQUIPMENT NECESSARY TO FURNISH AND INSTALL PLANT MATERIAL AS SHOWN ON THE DRAWINGS AND AS 4. DESCRIBED IN THE SPECIFICATIONS.
- PLANTING PLANS ARE DIAGRAMMATIC AND PLANT SCHEDULE ON THE DRAWINGS SHALL BE USED AS A GUIDE ONLY. CONTRACTOR SHALL TAKEOFF AND VERIFY SIZES AND 5. QUANTITIES BY PLAN CHECK, NOTIFY PROJECT LANDSCAPE ARCHITECT OF ANY MAJOR DISCREPANCIES.
- ALL STRUCTURAL AND HARDSCAPE MPROVEMENTS SHALL BE CONSTRUCTED AND FINISHED AHEAD OF PLANTING UNLESS DESIGNATED OTHERWISE ON THE DRAWINGS. 6.

- ADJUST PLANT MATERIAL AS NECESSARY AROUND UTILITY LOCATIONS. NOTIFY LANDSCAPE ARCHITECT OF ANY MAJOR CONFLICTS OR NECESSARY ADJUSTMENTS. 7.
- ALL WOR: ON THE IRRIGATION SYSTEM INCLUDING OPERATIONAL TESTS, AND BACKFILLING OF TRENCHES SHALL BE COMPLETED AHEAD OF PLANTING. 8
- LOCATIONS OF ALL PLANT MATERIAL SHALL BE REVIEWED ON SITE BY LANDSCAPE 9. ARCHIECT PROR TO PLANING, OWNER OR LANDSCAPE ARCHIECT RESERVES THE RIGHT TOMAKE ANY ADJUSTMENTS, SUBSTITUTIONS, ADDITIONS, AND DELETIONS TO THE PLANT LAYOUT AS WORK PROGRESSES.
- 10. ALL GROUNDCOVER SHALL BE TRIANGULARLY SPACED, UNLESS OTHERWISE NOTED.
- 11. TREES TO BE PLANTED WITHIN TEN (10) FEET OF HARDSCAPE, UTILITIES, WALLS, OR STRUCTURES SHALL BE INSTALLED WITH A ROOT BARRER.
- 12. SOIL SHALL BE AMENDED PURSUANT TO AN AGRONOMIC SOLS REPORT, WITH INFILITRATION RATES, PRIOR TO PLANTING.
- 13. REFER TOPLANTING DETAILS FOR ADDITIONAL INFORMATION.
- 14. HEIGHT TO FIRST BRANCH ON ALL STREET TREES SHALL BE NO LESS THAN 5 FEET.

DK MM AS NOTED JUNE 2, 2022 1000036 FLE NO / LOCATIO

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			SYMBOLS				WALL TYPES			SHEET INDEX		
5	DETAIL REFERENCE BUBBLE WITH LEADER	XX-X	INDICATES SHEAR WALL TIPE AND LENGTH, PER SHEAR WALL SCHEDULE	-0	INDICATES TOP PLATE SPLICE NALING PER SCHEDILLE		- INDICATES PLYWOOD SIDE FOR SHEARWALL		S-101	SHEET INDEX, LEGEND & ABBREWATION		
$\Theta$	DETAIL REFERENCE BUBBLE	()	INDICATES SPAN AND DIRECTION OF PREFABRICATED ROOF TRUSS (BY OTHERS)		INDICATES SHEAR WALL STRAP / HOLDOWN TYPE PER SCHEDULE		INDICATES BEARING WOOD WALL BELOW		S-102 S-103 S-201	GENERAL NOTES SPECIAL INSPECTIONS & TESTS TYPICAL CONCRETE DETAILS		
	FULL HEIGHT SECTION INDICATOR		INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOST WITH WEB STIFFENER	FI	INDICATES PAD FOOTING TYPE PER SCHEDULE		INDICATES BEARING WOOD WALL ABOVE		S-211 S-311	TYPICAL CONCRETE DETAILS RETAINING WALL DETAILS		
		X	INDICATES SPAN AND DIRECTION OF ROOF RAFTER OR FLOOR JOIST	C1	INDICATES CONTINUOUS FOOTING TYPE PER SCHEDULE		INDICATES NON-BEARING WOOD WALL ABOVE					
$   \Rightarrow$	ELEVATION OF WALL OR FRAME	ø	INDICATES EXTENTS OF FRAMING OR OTHER STRUCTURAL ELEMENT	(2L)	ANGLE BRACE	turnarun) turnaruna	INDICATES EXISTING BEARING WOOD WALL					
			INDICATES HEADER @ OPENING PER HEADER SCHEDULE	•	DRAG STRUT CONNECTION FULL HEIGHT STIFFENER CONNECTION		INDICATES BEARING CMU WALL BELOW					
	NORTH ARROW		EARTH LAVER	•	MOMENT CONNECTION	\$ZZZ2	INDICATES BEARING CMU WALL ABOVE					
BOTOF	TOP/BOITOM OF FLEVATIONS		INDICATES SAND OR GROUT	Į	MEMBER SPLICE	łZZZ	INDICATES NON-BEARING CMU WALL BELOW					
	SI ODE	2323	INDICATES GRAVEL	(+3")	TOP OF STEEL ± ELEVATION	{ZZZ	INDICATES NON-BEARING CMU WALL ABOVE				Ĭ	ø
	WELDED WIRE FABRIC		INDICATES BEARING WALL	[X]	NUMBER OF EVENLY SPACED SHEAR STUDS	12222	INDICATES EXISTING NON-BEARING CMU WALL					
			SHADED AREA INDICATES CALIFORNA FRAMING	[X-Y-Z]	SPECIAL STUD SPACING SEE TYPICAL STEEL DETAILS		INDICATES BEARING CONCRETE WALL BELOW				GR	IOE
			SHADED AREA INDICATES FOOTPRINE OF FLOOR ABOVE	<3/4>	BEAM CAMBERAL MUSPAN	EL23	INDICATES BEARING CONCRETE WALL ABOVE					X, L VIA
IIIIIIIIno.	SLOPED SUBACE		STEEL HSS TUBE COLUMN			2:25	INDICATES NON-BEARING CONCRETE WALL BELOW				Z	NDE
		т	STEEL HSS OR PPE COLUMN				INDICATES NON-BEARING CONCRETE WALL ABOVE				s	AE
	BOITORI SIEFFED FOOTING	$\square$	WOOD POST				INDICATES EXISTING NON-BEARING CONCRETE WALL				RRO	SHE
											IJ	
	A & B ABOVE AND BELOW				Abbite VIAIIONS							
	AB ANCHOR BOLT ABV ABOVE ACI AMERICAN CONCRETE INSTITUTE		d PENNY (IVAIL OR BAR DIA) DBL DOUBLE DEPT DEPARTMENT		HGR HANGER HP HIGH POINT HSH HORIZONTALLY SLOTTED HOLES	PA PARA OR // PC	POSTABOVE PARALLEL PRECAST; RIECE	T&B 1 T&G 1 TO 1	TOP AND BOTTOM TONGUE & GROOVE TOP OF			
	ADDL ADDITIONAL ADJ ADJACENT	1 070	DET DETAIL DF DDUGLAS FR/LARCH DIA DR/G DMARTER		HT HEIGHT ID INSIDE DAMETER IF INSIDE FACE	PERP PI R OR PL	PERFENDICULAR PLYWOOD INDEX PLATE	TOC 1 TOF 1 TEMP 1	TOP OF CURB; TOP OF CONCRETE TOP OF FOOTING TEMPERATURE: TEMPORARY			
	AESS ARCHIECTURAL EXPOSED SIRUCTURA AISC AMERICAN INSTITUTE OF STEEL CONST ALT ALTERNATE	RUCTION	DIAG DIAGONAL DIAG DIAGONAL DIAPH DIAPHRAGM		IJST IJOIST IN INCH	PL PLF	PROPERTY LINE PONDS FER LINEAL FOOT	THRU T THK T	THROUGH THICKNESS/THICK		ŵ	
	ALUM ALUMINUM ANCH ANCHOR		DIM DIMENSION DN DOWN		INCL INCLUDE INFO INFORMATION	PLCS PLY	PLACES PLIWOOD	THR T TOP or T	THREADED TOP		Ĩ.	ILLE
	ANSI AMERICAN NATIONAL STANDARDS IN APA ENGINEERED WOOD ASSOCIATION (F	STITUTE ORMERLY THE	DWG DRAWING DWL DOWEL		INSP INSPECTION INT INTERIOR	PROP PT	PROPERTY PRESSURE TREATED	TOS T TOW T	TOP OF STEEL/TOP OF SLAB TOP OF WALL		ROLEG	SHEET
	AMERICAN PLYWOOD ASSOCIATION) APPVD APPROVED		EA EACH EF EACH FACE		IRIUE ICL ICL ICL	PW PJP	PLATE WASHER PARTIAL JOINT PRETRATION WELD	TYP 1	TRIMMER STUD TYPICAL			
	APPROX APPROXIMATE ARCH ARCHTECTURAL: ARCHTECT	010700	EJ EXPANSION JOINT EL ELEVATION		KS KING STUD	PSE AB	PREPARE ALLU POUNDS PER SOUARE FOOT POUNDS PER SOUARE FOOT	UT I	UNLESS NOTED OTHERWISE ULTRA-SONIC TEST			PROFESSION
	AWPA AMERICAN WOOD PRESERVERS ASSU AWS AMERICAN WELDING SOCIETY AND AMERICAN INFORMATION OF THREE CON		ELEC ELECTRICAL ELEV ELEVATOR		KSI KIPS PER SQUARE INCH	PSI PSL Date	POUNDS PER SUDARE INCH PARALLEL STRAND LUMBER DAMERAT	VERI VSH	VERTICAL SLOTTED HOLES		150	INARGE
	ASTM AMERICAN SOCIETY FOR TESTING MAT	TERIALS	EMBED EMBELDMENI EN EDGE NAL		LF LINEAL FOOT	# prr	POUND: NUMBER	W/O 1	WITHOUT		E BE	ELANDING
	BLK BLOCK RIKG RIOCKING		ENGN ENGINEER EQ EQUALOR EQUIVALENT		LIH LONG LEG HORIZONTAL LIV LONG LEG VERICAL	RENF	REINFORCE; REINFORCING BEOLIBED	WD I	WOOD WORK POINT: WATERPROOF			OF CILIFORNIA
	BM BEAM BN BOUNDARY NAIL		ECURP ECURPMENT ES EACH SIDE EN EACH SIDE		LP LOW POINT LSH LONG SLOTTED HOLES	RF	ROOF ROOF RAFTER	WWF 1	WELDED WIRE FABRIC		4.	
	BOT OR B BOTTOM BRC BRACE		EW EACH WAT EXIST or (E) EXISTING		LSL LAMINATED STRAND LUMBER LT WT LIGHTWEIGHT	Ø SCHED	ROUND; DIAMETER SCHEDULE	W I	W SHAPE AMERICAN STD CHANNEL SHAPE			
	BRG BEARING BTWN BETWEEN		EAI EAIENDAR FDN FOUNDARION FIN EINISLI		LVL LEVEL OR LAMINATED VENEER LUMBER MAS MASONRY	SECT	SECTION SEPARATION	MC I	MISC CHANNEL SHAPE ANGLE SHAPE		DESIGNED E	SKY
	CANT CANTLEVER CAM OR C CAMBER		FJ FLOOR JOIST FLG FLANGE		MATL MATERIAL MAX MAXMUM	SHT SHTG	SHEET SHEATHING	WT, ST, MT PIPE	STRUCT TEE SHAPE STANDARD PIPE SHAPE		DRAWN BY:	KM / KWA
	CC CENTER TO CENTER CG CENTER OF GRAVITY		FLR FLOOR FN FIELD NAL		MB MACHINE BOLT MECH MECHANICAL	SIM SOG	SIMLAR SLAB ON GRADE	PIPE-X E PIPE-XX E	EXTRA STRONG PIPE SHAPE DBL EXTRA STRONG PIPE SHAPE		CHECKED B	sky
	CIP CAST-IN-PLACE CJ CONSTRUCTION JOINT; CONTROL JOI	NT	FOC FACE OF CONCRETE FOM FACE OF MASONARY		MFR MANUFACTURER MIN MINIMUM; MINUTE	SN SPCG	SHEAR NAIL SPACING	HSS	HULLOW STRUCTURAL SECTION		APPROVED	BY:
	CL CENTER LINE CLR CLEARANCE; CLEAR		FUS FACE OF STUD FOW FACE OF WALL EPING FRAME		MISC MISCELLANEOUS (N) NEW	SPECS SQ	SPECIFICATIONS SQUARE				SCALE:	0.1107E-
	CMU CONCRETE MASONRY UNIT COL COLUMN		FT FOOT		N NORTH NO or # NUMBER	22 22	SHARLESS STEEL SHORT SLOTTED HOLES				DATE:	IS NOTED
	COMP COMPRESSION CONC CONCRETE		FTG FOOTING GA GAUGE		NTS NOT TO SCALE OC ON CENTER	STD STGR	STANDARD STAGGER				CITY SPECIF	INE 2, 2022
	CONN CONNECTION: CONSTRUCTION		GALV GALVANZED GB GRADE BEAM		OD OUTSIDE DIAMETER OF OUTSIDE FACE	STIFF STIRR	STRRUP					1000036
	CONIR CONTRACTOR		GLB GLUED LAMINATED BEAM GR GRADE		OH OPPOSITE HAND OPING OPENING	STL STRUCT	STEEL STRUCTURAL				14	17-05-CU21
	COMPLETE JOINT PENETRATION WELD CTR CENTER CTR COMPLETE ADDRESS COMPLETE		GRND GROUND H or HORIZ HORIZONTAL		OPP OPPOSITE ORIG ORIGINAL	SW SYM	SHEAK WALL SYMMETRICAL				SHEET NO.	101
	CU FT CUBIC FOOT		HDR HEADER		OSB ORIENTED STRAND BOARD	TB	TIE BEAM				>	-101

1.	MASONRY CONSTRUCTION ANI MASONRY STRUCTURES' (TMS 40 CODE.	D MATERIALS SHALL CONFORM TO THE REQUIREME 12-16) PUBLISHED BY THE MASONRY SOCIETY AND V	NTS OF "SPECIFICATION FOR VITH CHAPTER 21 OF THE
2.	CONCRETE MASONRY UNITS SH BEARING CONFORMING TO AS	ALL COMPLY WITH SECTION 2103.1 OF THE CODE A IM C90 AND MEET THE FOLLOWING REQUIREMENT	NND BE HOLLOW LOAD S:
	WALL DESIGN STRENGTH	NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS	DENSITY
	rm = 2,000 PSI	2,000 PSI MINIMUM	MEDIUM WEGHT
	rm = 2,500 PSI	3,250 PSI MINIMUM	MEDIUM WIEGHT

MASONRY

WALL DESIGN STRENGTH	MORTAR TYPE	MORTAR 28 DAY COMPRESSIVE STRENGT
rm = 2,000 PSI	s	2,000 PSI MINIMUM
fm = 2,500 PSI	M	2,500 PSI MINIMUM

#### CROUT SUALL COMPLY WITH SECTION 2102.2 OF THE CODE AND ASTM C476. GROUT SUALL MEET THE

LOWING RECHIREMENT

COMPRESSIVE WALL DESIGN STRENGTH GROUT 28 DAY MIX DESIGN STRENGTH 3 PARTS SAND 2 PARTS PEA GRAVE rm = 2,000 PSI 2,000 PSI 1 PART PORTLAND CEMEN 8-11 INCH SLUMP

SEE NOTES UNDER 'TEST AND INSPECTION REQUIREMENTS' FOR TESTING REQUIREMENTS

MORTAR AND GROUT COMPONEN	IS SHALL CONFORM WIT	TH THE FOLLOWING:
COMPONENT	ASTM	NOTES
SAND	ASIM C144	
LIME	ASTM C207	
PORILAND CEMENT	ASTM C150	TYPE I or II, LOW ALKALI, < 6 MONTHS OLD

ASIM C301 PEA GRAVEL ADMIXTURES SHALL NOT BE USED IN GROUT EXCEPT BY SPECIFIC CONSENT OF SEOR. SEE NOTES UNDER "TEST AND INSPECTION REQUIREMENTS" FOR TESTING REQUIREMENT

REINFORCING BARS - SEE NOTES UNDER "REINFORCING STEEL" FOR REQUIREMENTS.

PROVIDE A MINIMUM OF 1/2" CLEAR BETWEEN MAIN REINFORCING AND MASONRY UNITS.

ALL CELLS SHALL BE GROUTED SOLID.

- DESIGN (m = 2,000 PSI FOR C/MU CONSTRUCTION, TYPICAL PRISM TESTING SHALL BE PERFORMED AS PER THE REQUIREMENTS OF PROJECT SPECIFICATIONS. SEE ALSO NOTES UNDER TEST AND INSPECTION REQUIREMENTS FOR REQUIREMENTS.
- USE RUNNING BOND PATTERN UNO BY ARCHITECT. USE OPEN ENDED UNITS FOR STACKED BOND PATTERN.
- USE OF 'HIGH-LIFT' GROUT CONSTRUCTION IS SUBJECT TO APPROVAL BY SEOR AND JURISDICTION. MAI GROUT LIFT HEIGHT SHALL BE 5'-4' IN ACCORDANCE WITH TIMS 602-16 ARTICLE 3 5D. GROUT LIFT HEIGHT FR INCREASED TO 12'-8' IF BY FOLLOWING CONDITIONS ARE MIT-BE INCREASED TO 12:8" IF THE FOLLOWING CONDITIONS A. MASONRY HAS CURED FOR AT LEAST 4 HOURS
  - B GROUE SLIMP IS MAINTAINED RETWEEEN 10" 11"
  - NO BOND BEAMS OCCUR BETWEEN TOP AND BOTTOM OF POUR HEIGHT
  - D. CLEANOUTS ARE PROVIDED AT 32" MAX OC FOR CLEANING AND INSPECTION PRIOR TO GROUTING PER TMS 602-16 ARTICLE 3.2F.

#### CONSOLIDATE GROUT AT TIME OF PLACEMENT USING MECHANICAL VIBRATION OR USE A SELF CONSOLIDATING GROUT

- EMBEDDED PIPES AND CONDUITS A. CONDUITS, PIPES AND SLEEVES MAY BE EMBEDDED IN MASONRY ONLY IF COMPLYING WITH THE FOLLOWING REQUIRE
  - a. THEY SHALL BE SPACED NO CLOSER THAN 3 DIAMETERS ON CENTE b. THE MAXIMUM AREA OF VERTICAL PIPES, CONDUITS, OR SLEEVES PLACED IN MASONRY COLUMNS OR PLASTERS SHALL NOT EXCEED 2 PERCENT OF THE CROSS SECTION
  - c. THE MAXIMUM NUMBER OF PIPES ALLOWED IN A CELL FOR WALLS IS THE FOLLOWING:

WALL IHICKNESS	REINFORCED CELL	UN-REINFORECED CELL
8.	(2)X <sup>*</sup> Ø (1) X <sup>*</sup> Ø	(3) X @ (2) X @ (1) 1 @
12"	(4) X 0 (3) X 0 (2) 1' 0 (1) 1 X 0	(5) 2° 00 (4) 2° 00 (3) 1° 00 (2) 1 2° 00

B. PIPES SHALL NOT BE EMBEDDED IN MASONRY WHET

a CONTAINING LICHID GAS OR VAPORS AT TEMPERATURES HIGHER THAN 150° F.

b. UNDER PRESSURE IN EXCESS OF 55 PSI CONTAINING WATER OR OTHER LIQUIDS SUBJECT TO FREEZING

C. ALUMINUM PIPES SHALL NOT BE EMBEDIDED IN CMU

REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACI 318-14, ASTM A706, GRADE 60 UNO. ASTM A615 GR 60 STEEL MAY BE SUBSTITUTED FOR ASTM A706 GR60 STEEL PER ACI 318-14 SECTION 20.2.2.5 PROVIDED THE FOLLOWING CONDITIONS ARE MET: A THE ACTUAL VELD STRENGTH BASED ON MULTESTS DOES NOT EVCEED THE SPECIFIED VELD STRENGTH BY B. THE RATIO OF THE ACTUAL ULTIMATE TENSILE STRESS TO THE ACTUAL YIELD STRENGTH IS NOT LESS THAN 125. 2. WHERE REINFORCEMENT COMPLYING WITH ASTM A615 IS TO BE WELDED, CHEMICAL TESTS SHALL BE PERFORMED TO DETERMINE WELDABILITY IN ACCORDANCE WITH SECTION 26.6.4 OF ACI 318-14. BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND, ALL REINFORCING BAR BENDS SHALL BE MADE COLD.

REINFORCING STEEL

WELDED WIRE REINFORCEMENT (WWR), PLAIN OR DEFORMED, SHALL CONFORM TO ASTM A185. WELDED DEFORMED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM. A1064. ALL WWR FOR STAR PANS A DEFORMED WHE REINFORCEMENT (WWR) SHALL CONFORM TO ASIM. A 1064, ALL WWR FOR STAR PARS AN ALL WWR FOR CONCRETE FILL ON METAL DECK TO BE PLAIN WWR. PROVIDE LAPS PER ACI 318-14 SECTION 25.5.3 OR 25.5.4 MINIMUM. WWR SHALL BE SUPPORTED ON APPROVED CHAIRS.

- REINFORCING BAR LAP SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS. LAP ALL HORIZONTAL BARS AT COMPLEX AND INTERFECTIONS. STACCED ALL EDUCES INTER NOTED OR FEMALE ON DRAW
- A. MINIMUM LAP SPLICE LENGTH FOR REINFORCING STEEL BARS IN CONCRETE SHALL BE PER ACI 318-14 SECTION 25.5.2 AND THE REINFORCING SCHEDULE ON THE DRAWINGS.
- B. MINIMUM LAP SPLICE LENGTH FOR REINFORCING STEEL BARS IN MASONRY SHALL BE PER ACI 530-13 SECTION 8.1.6.7.1 OR 9.3.3.4 AND THE REINFORCING SCHEDULE ON THE DRAWINGS
- ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN-PLACE INSPECTION IS MADE. ALL REINFORCING CONFORMING TO DIFFERING ASTIM SPECIFICATIONS AND/OR OF DIFFERING GRADES SHALL BE CLEARLY MARKED TO DIFFERENTIATE THEM FROM OTHER REINFORCING STEEL IF CONCURRENTLY PRESENT ON SITE.
- WHERE WELDING OF REINFORCING IS APPROVED BY THE STRUCTURAL ENGINEER, IT SHALL BE DONE BY AWS COMMENCE WELDING: EXAMPLE AND A APPROVED BY FREE STRUCTURAL ENGINEER, IT SHALL BE DONE BY AWS CENTINED WELDING DIMAG BROAD OR APPROVED BEECINGUES. WELDING PROCEDORES SHALL CONFORM TO THE REQUIREMENTS OF STRUCTURAL WELDING CODE: REINFORCING STEEL", AWS D1.4-15. REINFORCING BARS TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM ATO.
- REINFORCING STEEL SHALL BE ACCURATELY PLACED AND ADEQUATELY SUPPORTED BEFORE THE CONCRETE IS PLACED AND SHALL BE SECURED AGAINST DIPLACEMENT DURING CONSTRUCTION WITHIN PERMITTED TOLERANCES. ADEQUATE SUPPORTS ARE ALSO INCERSARY TO KEEP THE REINFORCING STELL AT THE PROPER DISTANCE FROM THE FORMS. USE WIRE BAR SUPPORTS, PRECAST CONCRETE SUPPORTS, SPACERS, BOLSTERS, BOLSTANCE FROM THE FORMS. REINFORCEMENT OR OTHER MEANS OF SUPPORTS, PRECASI CONCRETE SUPPORTS, SPACESS, BULLIER REINFORCEMENT OR OTHER MEANS OF SUPPORT PER THE "CRSI MANUAL OF STANDARD PRACTICE", LATEST
- REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE 'CRSI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES', LATEST EDITION.
- COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITED TO THE ARCHITECT FOR APPROVAL BY THE SEOR PROFE TO FABRICATION IN ACCORDANCES WITH THE SPECIFICATIONS AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACING OF CONCRETE. THE REINFORCEMENT GRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACING OF CONCRETE. THE REINFORCEMENT GRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACING OF AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACING OF AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ON THE JOB STE PROFE TO PLACE AND APPLICABLE CODES. THESE DRAWINGS SHALL BE AVAILABLE ALL REMARK REPORTED AND APPLICABLE AND APPLICABLE APPLICABLE APPLICABLE APPLICABLE AND APPLICABLE SHILE. I'RE MONELING POLICIUM DANNINGS SHILL NCLOB ALL PHINAN REPORTED AND A SHILE. THE AND A SHILE AN REQUIREMENTS OF ACI 318-14.
- WHEN RECTO, INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT FRACEMENT OF REINFORCING STEEL, CONDUT, SLEVIS, MID EMBEDDED THEM MAY BE CORRECTED PROR TO FRACEMENT OF OVERLYING GRDS OR REINFORCING STEEL.
- CONCRETE PROTECTION FOR REINFORCEMEN
  - THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE (NON-PRESTRESSED): MNMIM COVER IN CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO FA CONCRETE EXPOSED TO EARTH OR WEATHER NO.6 THROUGH NO. 18 BAR NO.5 BAR, W31 OR D31 WIRE & SMALLER CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND ABS, WALLS, JOISTS: NO.14 AND NO.18 BAR NO.11 BAR & SMALLER 12 PRIMARY REINFORCEMENT TIES. STIRRUPS. SPIRALS

MECHANICAL BAR SPLICE CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-14 SECTION 25.5.7 USE OF MECHANICAL CONNECTIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. SPLICES MUST BE TESTED AS INDICATED IN THE CONCRETE REINFORCEMENT SPECIFICATION. ACCEPTABLE PRODUCTS INCLUBE:

LENTON STANDARD COUPLERS (JAPMO-ES 0129) LENTON FORM SAVERS, TYPE SA (JAPMO-ES 0129) LENTON WELDABLE HALF COUPLERS (JAPMO-ES 0129) LENTON LOCK COUPLERS PER (JAPMO-ES 0129)

NOTE THAT REBAR ATTACHED TO PLATE USING LENTON WELDABLE HALF COUPLERS SHALL

ALL MECHANICAL BAR SPLICE CONNECTIONS IN SPECIAL STRUCTURAL WALLS. SPECIAL MOMENT FRAMES

- ICE CONNECTIONS IN SPECIAL STRUCTURAL WALLS, SE VGMS SHALL BE TYPE 2 CONFORMING TO THE REQUIRED IENTS OF ACT 219-14 SECTION 18.2.7 & 18.12.7.4
- EXCAVATIONS SHALL BE CUT SQUARE AND SMOOTH, WITH LEVEL BOTTOMS FOOTING BACKFLL AND UTILITY TRENCH BACKFLL WITHIN BUILDING AREA SHALL BE MECHAINCALLY COMPACTED IN LAVERS IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT AND COMPRCIED IN LATERS IN ACCORDANCE WITH the GEDIECHINCAL INVESTIGATION REPORT AND APPROVED BY THE GEOTECHNICAL ENGINEER. FLOODING WILL NOT BE PERMITTED. ALL FILLS USED TO SUPPORT FOUNDATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER REPRESENTATIVE PER SECTION 1705.6 OF THE CODE.
  - 0. ALL ABANDONED FOOTINGS, UTILITIES, ETC. SHALL BE REMOVED. NEW FOOTINGS MUST EXTEND INTO UNDISTURBED SOILS.

FOUNDATION

AVAILABLE AT THE JOBSITE AT ALL TIMES

REPORT/ADDENDUM TITLE

GEOTECTNICAL ENGINEERING REPORT ANHOLM NEIGHBORHOOD GREENWAY SAN LUIS OBISPO. CALIFORNIA

LATERAL EARTH PRESSURES:

ACTIVE FARTH PRESSURE

50H

(PCF)

SPREAD OR CONTINUOUS ECOTINGS

ANTICIPATED

BEARING

RET WALL

ADDUES TO WALLS LESS TUAN & SEET IN LIEICUT

ALLOWABLE

BEARING CAPACITY (PSF)

2000

B. THE ALLOWABLE CAPACITY IS BASED ON A FACTOR OF SAFETY OF 2.0.

CALCULATING PASSIVE RESISTANCE

К п - К [B+1]

DUMS, COPIES OF THE REPORTS AND SUPPLEMENTAL LETTERS SHALL R

DATE

11/12/2021

ALLOWABLE LATERAL RESISTANCE

(PSF/FT BELOW GRADE)

300

... THE ALLOWABLE CAPACITY MAY BE INCREASED BY ONE-THIRD WHEN CONSIDERING LOADS OF SHORT DURATION SUCH AS WIND OR SEISING FORCES.

C. THE ALLOWABLE LATERAL RESISTANCE CAN BE TAKEN AS THE SUM OF THE FRICTIONAL RESISTANCE

E. COMPACTED FILL SHOULD BE PREPARED PER SECTION 7.0 GEOTECHNICAL EVALUATION REPORT

F. EXCAVATION DEEPENED TO ACHEVE BEARING MATERIAL CAN BE REPLACED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM).

ADJUSTED FOR LARGER MATS. ADJUSTED VALUES OF THE MODULUS OF SUBGRADE REACTION, K , CAN BE OBTAINED FROM THE FOLLOWING EQUATION FOR MATS OF VARIOUS WIDTH:

G. THE SUBGRADE MODULUS SHOWN IS BASED ON A UNIT SQUARE FOOT AREA AND SHOULD BE

WHERE NOT SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE FOR DESIGN AND INSTALLATION OF ALL

CREBING, SHEATHING AND SHORING REQUIRED AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDIRES INCLUDES LAGGING, SHORING, AND PROTECTION OF AUXILIARDH PROPERTY, STRUCTURES, STRETS, AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.

EXCAVATION FOR FOOTINGS SHALL BE APPROVED BY THE INSPECTOR OR GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE AND REINFORCING.

ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS

BEFORE CONCEPT OR GROUT HAS AT TAINED FULL DOTING THE ON INSERTION INSERTOR SMALL BRACE OR PROTECT ALL BILLIONS AND PH WALLS BELOW GRADE FROM LATERAL LOADS UNTE ATTACHING FLOORS A COMPLETELY IN PLACE AND HAVE ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SMALL BRAVE FOR DISIGN, FEMILY AND INSTALLATION OF SUCH BRACING.

CTOR TO PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM SURFACE WATER. GROUND WATER

K – UNIT SUBGRADE MODULUS K – REDUCED SUBGRADE MODULUS R B – FOUNDATION WIDTH

D. THE UPPER 1 FOOT OF SOIL NOT PROTECTED BY PAVEMENT SHALL BE NEGLECTED WHEN

FRICTION RESISTANC

(COEFFICIENT OF FRICTION)

0.35

PREPARED BY

TH SYSTEMS PACIF

65H NAT

AT REST FARTH

PRESSURE (BRACED WALLS)

PROJECT #

304833-00

#### 1. GROUNDWATER WAS NOT ENCOUNTER DURING THE GEOTECHNICAL INVESTIGATION



PARAMETER	VALUE	REFERENCE
R5K CATEGORY	1	2019 CBC TABLE 1604.5
SEISMIC IMPORTANCE FACTOR	I = 1.0	ASCE 7-16 TABLE 1.5-2
MADDED EDECTRAL DEEDCASE ACCELEDATIONS.	Ss = 1.051	2010 CBC 1412 2.1
INAPPED SPECIFICIER RESPONSE RECELERATIONS.	S 1 = 0.388	2019 CBC 1013 2.1
SITE CLASS		2019 CBC 1613.2.2
	S cs = 0.841	2010 000 4/40.04
SPECINAL RESPONSE COEFFICIENTS.	S m = 0.495	2019 CBC 1013 2.4

GEOTECHNICAL INFORMATION (2019 CBC SECTION 1603.1.6): REFER TO FOUNDATION GENERAL NOTES

CONCRETE

DESIGN INFORMATION

ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19 OF THE CODE AND WITH THE PROVISIONS OF ACU318-14

CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS

MATERIAL	ASIM STANDARD
PORTLAND CEMENT (TYPE I) <sup>A</sup>	C150
CONCRETE AGGREGATES (HARDROCK)	C33
CONCRETE AGGREGATES (LIGHTWEIGHT) <sup>C</sup>	C330
WATER <sup>8</sup>	C1602
COAL FLY ASH OR POZOLLAN (CLASS F)	C618
NATURAL OR MANUFACTURED SAND	C33
SLAG	C989

19.3.2.1) DODTI AND CEMENT SUALI BETVDE V, VEDICY WITH DOD LECT CENTER UNICAL DEDODT B. WATER SHOULD ONLY BE ADDED AT THE BATCH PLANT. IN NO CASE SHALL THE DESIGN WATER/ CEMENT

RATIO BE EXCEEDED.

CONCRETE MIXES SHALL BE ACI 301-10 ARTICLE 4.2.3. N STRENGTH THROUGH FIELD SCHEDULE OF STRUCTURAL	PROPORTIONED BASE IX DESIGNS SHALL INC TEST DATA OR TRAIL M CONCRETE STRENGTH	d on section : Lude docume Ixtures in ACC 5 and locatic	26.4.3 OF ACI 3 NTATION OF M ORDANCE WIT INS (UNO):	18-14, WHICH REFE IX AVERAGE COM H ACI 301-10 ARTIC	RENCES PRESSIVE LE 4.2.3.4
LOCATION IN STRUCTURE	MINIMUM STRENGTH (PSI)	DENSITY (PCF)	MAX SLUMP (IN±1)	MAX WATER/CEMENT RATIO	SLAG/ FLY ASH <sup>A</sup> (MAX)
CONCRETE SLAB ON GRADE	3,000	150	4	0.45	0.15
STAIRS ON GRADE, CURBS AND OTHER NON- STRUCTURAL CONCRETE	3,000	150	4	0.5	0.15
SITE WALLS	3,000	150	4	0.5	0.15

A. AS MEASURED BY CEMENTITIOUS WEIGHT

- READY MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM CP4 OF CARS
- DEPOSITING AND CONVEYING OF CONCRETE SHALL CONFORM TO SECTION 26.5 OF ACI 318-14 AND PROJECT SPECIFICATIONS
- ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED SHALL BE CLEANED AND ROUGHENED TO 1/4" AMPLITUDE
- ALL REINFORCING BARS, ANCHOR BOLTS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.

PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCING WHICH MAY CONFLICT. CORING IN CONCRETE IS NOT PERMITED WITHOUT SECO APPROVAL. NOTFY THE SEOR IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS. SEE THE DRAWINGS FOR ADDITIONAL RESTRICTIONS ON THE PLACEMENT OF OPENINGS IN SLABS AND WALLS.

PIPES EMBEDDED IN CONCRETE:

- CONORELE

   PRES LARGER THAN 1-1/2" DIAMETER SHALL NOTE BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY SECR.

   PIPES SHALL NOT DISPLACE OR INTERSUPT REINFORCING BARS
- PIPES SMALL NOT IDEFLACE OR INTERRUPT REIN/ORCING BARS.
   DO NOTSTACK CONDUTES, SPACE EMBEDDED PIPES NOT CONDUTS AND REBAR.
   DIAMETERS CLEAR FROM OTHER EMBEDDED PIPES/CONDUTS AND REBAR.

#### EXISTING UNDERGROUND UTILITIES

- THE ARCHIECT AND ENGINEERS ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTUITIS WHETHER OR NOT SHOWN ON THE DRAWINGS, DRAWINGS IF ANY, A PAPROXIMATE. THE CONTRACTOR SHALL DERIVES THE OFFICIAL OWNERS AND TERMOHING ON THE STIE. THE CONTRACTOR SHALL DERIVES THE OFFICIAL ADVICES TRUCTURE LOCATIONS AND TERMOHING ON THE STIE. THE CONTRACTOR SHALL DERIVES THE OFFICIAL ADVICES TRUCTURE LOCATIONS AND TERMOHING ON THE STIE. THE CONTRACTOR SHALL DERIVES THE OFFICIAL ADVICES TRUCTURE LOCATIONS AND TERMOHING THE ADVICES TRUCTURE LOCATIONS AND TERMOHING THE ADVICES THE ADVICES THE ADVICES TRUCTURE LOCATIONS AND TERMOHING AND TERMOHING AND TERMOHING AND THE STIE. THE CONTRACTOR SHALL DERIVES THE ADVICES THE A SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES WHICH MAY RESULT FROM HIS FAILURE TO EVACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES. AN UNDERGROUND SERVICE ALERT INCURY IDENTIFICATION NUMBER MUST BE OBTAINED AT LEAST TWO
- WORKING DAYS BEFORE STARTING WORK WITH THIS PERMIT. A. FOR PROJECTS IN SOUTHERN CALIFORNIA TELEPHONE NO. 1.800-422-4133. B. FOR PROJECTS IN NORTHERN CALIFORNIA TELEPHONE NO. 1.800-227-2600

GENERAL

- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES AND STANDARDS A. 2019 CALFORMA BUILDING CODE, PART 2, VOLUME 2 OF 2, AND TITLE 24 C.C.R. 2019 EDITION AND LATEST REVISIONS (INCLUDING SUPPLEMENTS AND ERRATA) HEREIN REFERED TO AS "THE CODE".
- 8 ANY OTHER RECH ATING AGENCIES WHICH HAVE A ITHORITY OVER ANY RORTION OF THE WORK, INCLUDING
- THE STATE OF CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (CAL/OSHA) C. CODES & STANDARDS REFERENCED IN THE CODE OR LISTED IN THESE NOTES AND SPECIFICATIONS

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GENERAL

ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE INSPLIE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO ALE-ONDERLET FOR THE VIEW VIEW CONDITIONATION OF ALL DARWINGS AND PECKAZINE FROM TO THE JAND OF CONSTRUCTION, ANY DESCRIPTINGES THAT OCCUR SHALL BE ROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO START OF CONSTRUCTION SO THAT A CLAREFORM CAN BE ISSUED, ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT FOODULATION OF AN CODE REQUERINTS SHALL BE CORRECTED BY THE CONTRACTOR AT THER OWN EVENING AND AT NO EVENNE TO THE OWNER OR ARCHITE

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.

THE CONTRACTOR SHALL VERIEVALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION THE ARCHITECT SHALL RE NOTFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. IN NO INSTANCE SHALL DIMENSIONS BE SCALED FROM THE DRAWINGS

SEE ARCHITECTURAL DRAWINGS FOR THE FOLLOWING:

- A. SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS. EXCEPT AS NOTED B. SIZE AND LOCATION OF ALL INTERIOR AND EXTERIOR NON-BEARING PARTITIONS UNLESS NOTED AND/OR DETAILED ON THE STRUCTURAL DRAWINGS
- C. SIZE AND LOCATION OF ALL CONCRETE CURBS, EQUIPMENT PADS, PITS, FLOOR DRAINS, SLOPES, DEPRESSED AREAS, CHANGE IN LEVEL, CHAMFERS, GROOVES, INSERTS, ETC.
- D. SIZE AND LOCATION OF ALL FLOOR AND ROOF OPENINGS EXCEPT AS SHOWN
- E. FLOOR AND ROOF FINISHES
- F. MISCELLANEOUS DRAINAGE AND WATERPROOFING
- G ALL EREPROCEING RECURRENTS INCLUDING EREPROCEING OF STRUCTURAL STEEL
- H. DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS 6. SEE MECHANICAL PLUMBING AND ELECTRICAL DRAWINGS FOR THE FOLLOWING:
- A. PIPE RUNS, SLEEVES, HANGERS, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED.
- B. ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS.
- C CONCRETE INSERTS FOR ELECTRICAL MECHANICAL OR PLUMBING EXTURES. D. SIZE AND LOCATION OF MACHINE OR EQUIPMENT BASES, ANCHOR BOLTS FOR
- SEE CIVIL DRAWINGS FOR THE FOLLOWING

 A. HEIGHT AND/OR ELEVATION OF: a. FINISHED SURFACE h. TOP OF WALL

> c. TOP OF GRADE d. FINISHED GRADE

- e. SLOPE B. SITE CONCRETE WALKWAYS, CURBS & PAVING
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINSHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRADING, SHORM FOR LOADS DUE TO CONSTRUCTION DEUTINET ETC. THE CONTRUCTOR RESPONSER FOR PROVISION OF TEMPORARY SHORING AND OTHER CONSTRUCTION ALDS, INCLUDING ALL ENGINEERING OF SUCH SYSTEMS, FOR TRUPORARY SHORING AND OTHER CONSTRUCTION ALDS, INCLUDING ALL ENGINEERING OF SUCH AND OTHER CONTRACTORS NEWS AND MEMICIOS OF CONSTRUCTION LIBURINS AR REQUIRED FOR ERECTION AND OTHER CONTRACTORS NEWS AND MEMICIOS OF CONSTRUCTION (LIBUR) DESTINITION (STO THE SERVICION VISION TO HESTE THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INS MEANS AND METHODS OR CONSTRUCTION SAFETY. LINE INSPECTION OF THE ABOVE ITEMS OF CONCEPN CONS
- BACKFILL SHALL NOT BE PLACED BEHIND EXTERIOR AND INTERIOR RETAINING WALLS UNTIL THE CONCRETE / CMU HA ACHEVED FULL DESIGN STRENGTH. FOR BRACED WALLS SUPPORTED BY STRUCTURAL DRAPHRAGMS, BACKFLL SHALL NOT BE PLACED BEHIND THE WALL UNTLIT THE DRAPHRAGM HAS BEEN INSTALLED, AND FOR CONCRETE DRAPHRAGMS, HAS ACHEVED DUL DESIGN STRENGTH.
- THE CONTRACT STRUCTURAL DRAWINGS SHOW THE BUILDING IN ITS FINAL INTENDED POSITION. CONTRACTOR SHALL MAKE PROVISIONS IN THE LAYOUT OF THE BUILDING TO TAKE INTO ACCOUNTS SHRIMKAGE, CREEP, SHORTENING, ETC. OPENINGS. POCKETS. ETC., LARGER THAN 6" SHALL NOT BE PLACED IN CONCRETE SLABS. DECKS, WALLS, UNLESS OTHERS SHOW OPENINGS, POCKETS, ETC., LARGER THAN 6' NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT

ASTM SPECIFICATIONS ON THE DRAWINGS SHALL BE THE VERSION REFERENCED IN CHAPTER 35 OF THE CODE OR AS

CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FLIED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, OSTERINS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND THE STRUCTURE, DISINER AND EGOTICHNICAL INFORMER SHALL BE NOTIFIED IMMEDIATELY.

CONTRACTOR SHALL COORDINATE SHORING WITH DRAWINGS OF RECORD TO INSURE PROVISIONS FOR POCKETS, BLOCKOUTS, OFFSETS, STEPPED FOOTINGS AND ANY OTHER TEMS AFFECTED BY THE SHORING

AN UNDERGROUND SERVICE ALERT INOURY IDENTIFICATION NUMBER MUST BE OBTAINED AT LEAST TWO WORKING DAYS BEFORE STARTING WORK WITH THIS PERMIT.

EDGE OF SLAB DIMENSIONS TO BE COORDINATED AND VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO

WHERE ACTUAL CONDITIONS ARE NOT IN ACCORDANCE WITH THE INFORMATION PRESENTED, THE ARCHITECT AND/OR STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY. NO MODIFICATIONS OF THE PLANS FOR NEW CONSTRUCTION SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.

FORMATION SHOWN ON THE PLANS RELATIVE TO EXISTING CONDITIONS IS GIVEN A LEDGE FROM PLANS SUPPLIED BY THE OWNER, BUT WITHOUT GUARANTEE OF ACCI

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B. FOR PROJECTS IN NORTHERN CALIFORNIA TELEPHONE NO. 1-800-227-260

CONSTRUCTION MATERIAL SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF OR FLOOR. LOAD SHALL NO EXCEED THE DESIGN LIVE LOAD PER SOLUME FOOT. THE CONTRACTOR TO DESIGN TRADE MOUTE ADECUART SHORING AND/OR BRACHING VIEWES STRUCTURE HAS NOT ATTIMENE DESIGN STRENGH.

ED ON THE STRUCTURAL DRA

WHICH ARE LOCATED IN STRUCTURAL MEMBERS

REFERENCED IN THE APPLICABLE DESIGN STANDARD

EXISTING CONDITIONS

	REQUIRED VERIFICATION AND INSPECTIONS	SHOP FABRICATION	STATEMENT OF SPECIAL INSPECTIONS	
	MASONRY LEVEL 2 QUALITY ASSURANCE MINIMUM TESTS	<ol> <li>SHOP FARRCAIRON RECURRES SPECIAL INSPECTION IN ACCORDANCE WITH CODE SECTION 17N 2.5. DISEPTION SHOP SPECIAL INSPECTIONS ARE NOT RECURRED WHEN WORK IS DONE ON THE RENESS OF FARRCAIRCH REGISTERS AND APPORTUNE TO PREFORM SHUFTING IN ACCORDANCE WITH CODE SECTION 17N 2.5.1 THE FOLLOWING ACCERDITATIONS HET THE REQUIREMENTS OF THIS EXCEPTION: A CITED IN THIS FOR DISET CONTINUES ACCERDITATIONS HET THE REQUIREMENTS OF THIS EXCEPTION:</li> </ol>	<ol> <li>THIS STATEMENT OF SPECIAL INSPECTIONS HAS BEEN REPARED PUBLIANT TO SECTION 1704.3 OF THE CODE . HIS SECTION DETAILS DO INFOLING SPECIAL REPECTIONS AND TESS INCLUDING TISTING FRE SECTION 1706 OF THE CODE THE FOLLOWING SHALL BE ORISPECTIVE DURING THER IMPLANTATION: A. GRIIBAL:</li> </ol>	
	PROR TO CONSTRUCTION, VERY CERTIFICATES OF COMPLIANCE USED IN IMIGONRY CONSTRUCTION IN ACCORDANCE UNIT SPECIFICATION ARTICLE 15 VERFICATION OF SLUMP R OW AND VISUAL STABILITY INSEX (VLS) AS DELIVITRED TO THE PROJECT SITE IN ACCORDANCE WITH SPECIFICATION ARTICLE 15 & 1 of FOR SELF-CONSIDERING GROUT	A SILL BUCINIS, (USSILL LIMINIS IN ORIGINAL DURING) a. FOR GREEN, ISL BUDINGS OF ELEMENTS FE ARBRCATOR SHALL & AN ASC CERTIFED FABRICATOR IN ACCORDANCE WITH THE ASC CERTIFICATION PROGRAM FOR STRUCTURAL STELE FABRICATORS (ASC 2016).	A DEMONSTRY     A DEMONST	CS OF
	VERIFICATION OF IT_ AND T_ACCORDANCE WITH SECIFICATION ARTICLE 1.4 BPRIOR TO CONSTRUCTION, EXICEPT WHERE SECIFICALLY DEAMED BY INS CODE MINIMUM SPECIAL INSPECTION	<ol> <li>OTHER INCOMENTATION DESIGNATION OF CLEAR INFER ADMINIST PRIVIDUAL INFORMATION CONTRACTIONS OF CLEAR INFORMATION OF CLEAR INFORMATIONO OF CLEAR</li></ol>	a. THE OWNER OR OWNERS AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN SECTION 1705 OF THE CODE AND IN THIS STATEMENT OF INSPECTIONS.	
	INSTRUCTION         RECORD/CY <sup>ME</sup> REFERENCE CREATING           I. VIETE COMPLACE (INTEL ANY COMPLEX	LOCORNING	C. SPECIAL INSECTION CONTINUENCIANS. In the SPECIAL INSECTION SHALL HOW THEY INSECTION TO BE BILDING OFFICIAL ISSUERCEMENTING: INFO INTER CONFIRMENT AND RELEVANT DESERVECT OR DIMENSION INFORMATION INFO INFORMATION INTO INFORMATION IN DIRECTORY DIMENSION INFORMATION OF DIMENSION INFORMATION INFORMATION IN DIMENSION ACTIVITIES FOR PROJECTS OF SIMILAR COMPLICITY ON IN SMALT THE OF OLIVATION. ACTIVITIES FOR PROJECTS OF SIMILAR COMPLICITY ON IN SMALT THE OF OLIVATION.	
	b. GRADE AND SIZE OF PRESISESING TRUDONS     X     ADD ARCHORAGES     ADD ARCHORAGES     X	REQUIRED VERIFICATION AND INSPECTIONS	D. CONTRACTOR REQUIREMENTS: a. SPECIAL MERCETIONS IN ADDITION TO THE CONTRACTORS DUALITY CONTROL INSPECTIONS AND TESTING. THE CONTRACTORS QUALITY CONTROL INSPECTIONS AND TESTING SHALL OCCUR PRIOR TO SPECIAL INVECTION AND REPORTS SHALL BE AVAILABLE TO THE SPECIAL	
	d         PRESIDESSING TECHNOLIE         X         Art.3.6.8           e.         PROFERTES OF THIN BED MORTAR FOR AAC MASONRY         X <sup>341</sup> X <sup>342</sup> Art.2.1.C           f.         SMMRE PANEL CONSTRUCTION         X         Art.1.6.D         X		INSPECTOR. b. THE CONTRACTOR SHALL ENSURE THAT THE WORK FOR WHICH SPECIAL INSPECTION IS REQUIRED REMAINS ACCESSBEE AND EXPOSIT FOR SPECIAL INSPECTION FURPOSES UNTIL COMPLETION OF THE REQUIRED SPECIAL INSPECTION.	
	PROR TO GROUTING, VERY THAT THE FOLLOWING ARE IN     COMPLANCE:     a. GROUT SPACE     X     Art 32 D,     32 F	SPECIAL INSPECTION OR TEST         ED         Ed         SIANDARD         CBC REFERENCE           1. INSPECT REINFORCIMENT, INCLUDING PRESTRESSING         —         X         ACI 316: CH 20, 25.2, 25.2, 25.4, 25.4, 3.4, 3.4, 3.4, 3.4, 3.4, 3.4, 3.4, 3	c. ANY CONTRACTOR REPORTER FOR THE CONSTRUCTION OF THE MAIN WIND OR SESINC FORCE RESING SYSTEM SHALL SUMM A WRITEN STATUENT OF REPORTED TO THE BULDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE STATUENTOR OF RESPONSIBILITY SHALL CONTRAIN ACKNOWLEDGENENT OF MANAGEMENT OF INFORMATION OF REPORTING TO COMPANY AND ACKNOWLEDGENENT OF MANAGEMENT OF THE STATUENT OF RESPONSIBILITY SHALL CONTRAIN ACKNOWLEDGENENT OF MANAGEMENT OF THE STATUENT OF RESPONSIBILITY SHALL CONTRAIN ACKNOWLEDGENENT OF MANAGEMENT OF THE STATUENT OF RESPONSIBILITY SHALL CONTRAIN ACKNOWLEDGENENT OF MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE STATUENT OF THE STATUENT OF THE MANAGEMENT OF THE STATUENT OF THE	ENW/
	b. PUICIMENT OF RESIDENSING TENDONS AND         X         SEC. 108, 10.9         Art. 2.4, 3.6           c. PUICEMENT OF REINFORCEMENT, CONNECTORS         X         SEC. 6.3.1, 3.4, 3.2.7, 3.4, 4.3.2.7, 3.4, 4.3.2, 3.4, 4.3, 4.3, 4.3, 4.3, 4.3, 4.3, 4.3,	2. REINFORCING BAR WEIDING: a. VERY WEIDAULTY OR ENVICEDING BARS OTHER THAN ASTM ADD6 b. INSPECTATION CALLED WEIDS, MAXIMUM X2* b. INSPECTATION CALLED WEIDS, MAXIMUM X2* d. C131b: 26.6.4	AWARKINES OF THE SECURE INSPECTION INCLOREMENTS COMMAND IN THE STATISTICAL OF SPECIAL INSPECTIONS E. SPECIAL INSPECTION REPORT REQUIREMENTS:	SREE NS &
	ARD AVACHINE BACK J     ARD AVACHINE BACKINE BACK J     ARD AVACHINE BACK J     ARD AVACHINE BACK	AND C. INSPECT ALLOPER WELDS X INSPECT ANCHORS CAST IN CONCRETE X INSPECT ANCHORS POSTINGALED IN HARDPIED X INSPECT ANCHORS POSTINGALED IN HARDPIED	<ul> <li>In a 24 or 10 to 10 to</li></ul>	
	Buddelish And PRACLADERS WIN HIS APPRVID     X     Add 15     Buddelish And PRACLADERS WIN HIS APPRVID     X     X     Add 15     Construction     Constru	CONCRETE MURRES <sup>10</sup> (a) ARGEVE ANCHOR INFALLED IN HORIZONALLY (c) REPAYABOLY INCLUED DERIVATIONS TO RESIT SUSTAND DIFFORM LOAD SET SUSTAND TERMINAL ANCHORE AND ADJERVE X ANCHORES AND ADJERVE X	CONFORMACE OF APPROVALE CONFIDENCIAL DECOMPACING CONTRACTOR     CONFERENCE OF A MERCINE TO THE MILETURE TETRITION OF THE CONTRACTOR FOR     CONSECTION	L INSPE
	CONSTRUCTION AND PROTECTION OF     X     X    X    X    X    X    X	5. VERPLUSE OF REQUIRED MIX DESIGN         —         X         ACI 318: CH 19, 264.3, 264.4         1904.1, 1904.2, 1908.2, 1908.3           6. PROR TO CONCRETE PLACEMENT, FABRICATE SPECURES FOR STRENGTH TSS. PERFORM SLUMP AND SPECURES FOR STRENGTH TSS. PERFORM SLUMP AND Y         X         ACII 47.2         1509.0	A FINAL REPORT DOCUMENTING SPECIAL REPECTIONS AND CORRECTION OF ANY DISCREMANCES NOTED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL  SLIDBARTT ALLS	ECIA
	MODIFY DIREGISCOUR MAINER (DURENAMER     MADOR YPT)     MODIFY DIREGISCOUR MAINER (DURENAMER     MADOR YPT)     MODIFY DIR OF MAINT OF RESTREMEND C GAOD     PROCEMENT OF GAOD AND RESERVING C G	AP CONTINUESS, AD DETERMINE DE ELRIPHASEE         X         ADM C 13         1408.10           OF THE CONCERT         ADM C 13         1.8.1         1.9.1         1408.10           7. INSECT CONCERT. AD BRIDGER PACIDIAN FOR         X         —         AD 318.3         1.8.1         1.9.1           7. INSECT CONCERT. AD BRIDGER PACIDIAN FOR         X         —         AD 318.2         1.9.1         1408.0           8. UNITY MAINTINUCC OF SECTION         X         —         AD 318.2         1.9.1         1.9.1           9. INSECT PREDENDID CONCERT DATE         X         AD 318.2         1.9.1         1.9.1         1.9.1           10. INSECT PREDENDID CONCERT FOR         AD 318.2         X         —         AD 318.2.4         —         —           10. INSECT PREDENDID CONCERT FOR TARL         X         AD 318.2.4         —         —         —           10. INSECT PREDING DOCONCERT FOR TARL         X         AD 318.2.4         —         —         —           10. INSECT PREDING PREDING FOR TARL         X         AD 318.2.4         —         —         —           10. INSECT PREDING PREDING FOR PREDING F	SUBMITTALS  1. RETCRIVENESS GMMTALS PAIL BE SUBMITED FOR REVER AND APPROVAL BY THE EXCRETE  4. SEEL INCLIDENC MARK, MEALS  5. SEE OPERAMINGS FOR A MARK AND AND RECTOR  5. MARK AND AND REVER AN APPLICABLE  6. SEARCH AND AND REVER AN APPLICABLE  7. SEARCH AND AND REVER AN APPLICABLE  8. SEARCH AND AND REVER AN APPLICABLE  9. SEARCH AND AND REVER AND REVER AND APPLICABLE  9. SEARCH AND AND REVER AND REVER AND REVER AND APPLICABLE  9. SEARCH AND AND REVER AND REVER AND APPLICABLE  9. SEARCH AND AND REVER AND APPLICABLE  9. SEARCH AND APPLICABLE  9. SEARCH AND APPLICABLE 9. SEARCH AND APPLICABLE 9. SEARCH AND APPLICABLE 9. SEARCH AND APPL	PROJECT TIME: SHEETTIME: SPE
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