

DWG Name: N:\Shared\PROJECTS\2023\2023-00-067_COV.dwg Plotted by: EnmaKatz on Nov 17, 2023 - 12:44:42

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS AND ELECTRIC COMPANY, PACIFIC TELEPHONE AND TELEGRAPH COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE THEIR WORK WITH COMPANY REPRESENTATIVES. ALL TELEPHONE SERVICES WITHIN THIS SUBDIVISION ARE UNDERGROUND INSTALLATION. FOR LOCATION OF ELECTRIC CABLE, GAS PIPING, TELEPHONE CABLES APPURTENANCES, CONTACT (UNDERGROUND SERVICE ALERT) 8-1-1. ALSO REFER TO CITY STANDARDS.
- A PERMIT, SUPPLEMENTED WITH A TRAFFIC CONTROL PLAN, SHALL BE SUBMITTED TO THE CITY FOR ANY WORK WITHIN EXISTING CITY RIGHT-OF-WAY AND/OR EASEMENTS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF OCEANSIDE ENGINEERING DEPARTMENT 48 HOURS PRIOR TO STARTING WORK SO THAT INSPECTION MAY BE PROVIDED. PLEASE CALL: (760)435-5081
- ALL WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, WITH SUPPLEMENTS (A.P.W.A. SPECIFICATIONS), THE LATEST EDITION OF CALTRANS STANDARD PLANS UNLESS OTHERWISE NOTED, THE SAN DIEGO COUNTY REGIONAL STANDARD DRAWINGS (SDRSD); CITY OF OCEANSIDE WATER, SEWER, AND RECYCLED DESIGN & CONSTRUCTION MANUAL; AND CITY OF OCEANSIDE ENGINEER'S DESIGN AND PROCESSING MANUAL (OCEANSIDE ENGINEERS MANUAL).
- PAVEMENT SECTIONS SHOWN, ARE TO BE VERIFIED BY "R" VALUE TESTS (TEST METHOD NO. CALIFORNIA 301) AND PAVEMENT DESIGN REPORT; TO BE SUBMITTED BY SOILS ENGINEER AFTER UNDERGROUND UTILITIES CONSTRUCTION IS COMPLETE, FOR CITY ENGINEER'S APPROVAL.
- ALL METALS PLACED IN THE GROUND SHALL BE ENCASED IN 6 INCHES OF SE-30 SAND.
- CONSTRUCTION EXPANSION JOINTS IN CURB AND GUTTER AT RETURNS AND AT DRIVEWAY INTERSECTIONS IS REQUIRED PER (SDRSD) G-9 AND G-10.
- ALL UNDERGROUND UTILITIES SERVICES AND LATERALS SHALL BE INSTALLED BEFORE CONSTRUCTION OF CURBS, CROSS GUTTERS, OR SURFACING OF THE STREETS AND SHALL BE MARKED FOR EASY LOCATION. THE ENGINEER OF WORK SHALL CERTIFY ALL IMPROVEMENTS TO WITHIN 0.1 FEET OF THE DESIGN.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY AND ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.
- SOILS REPORTS FOR ALL TRENCHES SHALL BE SUBMITTED TO THE ENGINEER OF WORK AND THE CITY ENGINEER BY THE SOILS ENGINEER OF RECORD, WHICH CERTIFIES THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH EARTH EARTHWORK SPECIFICATIONS AND CITY OF OCEANSIDE SPECIFICATIONS AND GRADING ORDINANCE.
- BLUE FIRE HYDRANT MARKERS SHALL BE PLACED ON THE PAVEMENT PER CITY OF OCEANSIDE STANDARD DRAWING M-13.
- TRAFFIC CONTROL DESIGN & PROCEDURES: AND TRAFFIC CONTROL WARNING SIGNS, LIGHTS, AND DEVICES SHALL CONFORM TO THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD). THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN THAT MEETS THE CITY AND CALTRANS REQUIREMENTS. TRAFFIC CONTROL PLANS SHALL BE IN OPERATION FROM 9:00 A.M. TO 3:00 P.M., UNLESS OTHERWISE APPROVED.
- CENTERLINE SURVEY MONUMENTS SHALL BE INSTALLED AT THE BEGINNING AND END OF ALL CURVES, AT THE CENTERLINE INTERSECTION OF ALL STREETS WHERE MANHOLES ALLOW, AT THE RADIUS POINT OF CONCENTRIC CUL-DE-SACS, AND AT THE ANGLE POINT OF OFFSET CUL-DE-SACS, PER (SDRSD) M-10 AND M-11.
- ALL EXISTING IMPROVEMENTS INCLUDING CURB AND GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING, WHICH ARE BEING JOINED OR MATCHED IN WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE DEPUTY PUBLIC WORKS DIRECTOR, INCLUDING NECESSARY SAWCUTTING, REMOVAL, REPLACEMENT, AND CAPPING.
- ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE, OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT, AND ANY OTHER ASSOCIATED EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00 A.M. AND 6:00 P.M. EACH DAY, MONDAY THROUGH FRIDAY. NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SATURDAYS OR SUNDAYS OR LEGAL HOLIDAYS, UNLESS AUTHORIZED BY THE CITY ENGINEER. HAULING OPERATIONS SHALL BE IN ACCORDANCE WITH THE APPROVED HOURS PER THE HAUL ROUTE PERMIT.
- STRIPING SHALL BE DONE BY THE CONTRACTOR AT DEVELOPER'S EXPENSE UNLESS OTHERWISE DIRECTED.
- TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL NOT BE APPLIED OVER EXISTING STRIPES THAT ARE TO BE REMOVED. EXISTING STRIPES SHALL BE FIRST REMOVED BEFORE ANY NEW APPLICATION.
- REFLECTIVE PAVEMENT MARKERS TO BE INSTALLED BY CONTRACTOR ON PERMANENT STRIPING. ALL STREET SIGNS SHOWN ON THESE PLANS SHALL BE INSTALLED BY THE DEVELOPER. SIGN SPECIFICATIONS AND INSTALLATION SHALL BE IN ACCORDANCE WITH CITY OF OCEANSIDE STANDARDS AND THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION SPECIFICATION FOR REGULATORY, WARNING AND GUIDE SIGNS.
- PATCHING OF SIDEWALK IS NOT PERMITTED.
- DAMAGED, GOUGED, BROKEN, OR GRAFFITI-MARKED SECTIONS OF CURB, GUTTER, OR SIDEWALK SHALL BE REMOVED AND REPLACED.
- A MINIMUM REPLACEMENT SECTION TO BE AT LEAST EQUAL TO SCORE MARK TO SCORE MARK (TYPICALLY 5' X 5'). FOR SIDEWALKS EXCEEDING 5' WIDTH, REPLACEMENT IS TO BE FULL WIDTH SQUARED TO THE NEXT SCORE MARK.
- ALL VALVE CANS AND RISERS ON THE CITY'S OPERATIONAL SYSTEM WILL BE RAISED TO GRADE INCLUDING COMPACTION AROUND RISER AND PAVING AROUND VALVE CANS, WITHIN 48 HOURS AFTER PAVEMENT HAS BEEN PLACED. THIS INCLUDES VALVE CANS AND RISERS ON THE EXISTING SYSTEMS AND ON ALL NEW SYSTEMS THAT ARE TIED INTO THE CITY'S EXISTING SYSTEMS.
- ALL SEWER MANHOLES ON THE CITY'S OPERATIONAL SYSTEM WILL BE RAISED TO GRADE WITHIN 48 HOURS AFTER PAVEMENT HAS BEEN PLACED. THIS INCLUDES MANHOLES ON THE EXISTING SYSTEMS AND ON ALL NEW SYSTEMS THAT ARE TIED INTO THE CITY'S EXISTING SYSTEMS.
- THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR IMPLEMENTING, ADMINISTERING AND MAINTAINING A CONFINED SPACE ENTRY PROGRAM IN ACCORDANCE WITH SECTIONS 5156, 5157, AND 5158 TITLE 8, CALIFORNIA CODE OF REGULATIONS (CCR).
- ALL UNUSED WATER SERVICES AND SEWER LATERALS SHALL BE ABANDONED IN ACCORDANCE WITH WATER UTILITIES DEPARTMENT REQUIREMENTS.

LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL
IMPROVEMENT PLAN
(CIP22-00003)



VICINITY MAP
NOT TO SCALE

STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) NOTES

- PRIOR TO RECEIVING A BUILDING OCCUPANCY PERMIT, THE PROJECT SHALL DEMONSTRATE THAT ALL POST CONSTRUCTION STRUCTURAL BEST MANAGEMENT PRACTICES (BMPs), INCLUDING STORM WATER POLLUTANT CONTROL BMPs AND/OR HYDROMODIFICATION MANAGEMENT BMPs, ARE CONSTRUCTED AND FULLY OPERATIONAL, CONSISTENT WITH THE "DEEMED COMPLETE" SWQMP AND THE APPROVED GRADING PLAN, IN ACCORDANCE WITH THE CURRENT SAN DIEGO COUNTY RWQCB ORDER NO. R9-2013-0001 E.3.E. (1)(d).
- ALL POST-CONSTRUCTION BMPs SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE APPROVED SWQMP.
- PROVIDE STENCILING OR LABELING OF ALL STORM WATER DRAIN INLETS AND CATCH BASINS WITHIN THE PROJECT AREA WITH PROHIBITIVE DUMPING LANGUAGE (E.G. "NO DUMPING - I LIVE DOWNSTREAM") AND/OR GRAPHICAL ICONS TO DISCOURAGE ILLEGAL DUMPING, SATISFACTORY TO THE CITY ENGINEER. STENCILING OR LABELING MAY ALSO BE REQUIRED TO BE IN SPANISH.
- THE PROJECT SOILS ENGINEER SHALL PROVIDE A STAMPED AND SIGNED LETTER TO THE CITY OF OCEANSIDE ENGINEERING DIVISION STATING THAT THE SOIL PLACED WITHIN THE BIORETENTION FACILITIES MEETS THE SPECIFICATIONS CITED IN THE APPROVED SWQMP.
- SUFFICIENT BMPs MUST BE INSTALLED TO PREVENT SILT, MUD, OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO ADJACENT STREETS OR STORM WATER CONVEYANCE SYSTEM DUE TO CONSTRUCTION VEHICLES OR OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH DAY AND/OR AFTER A STORM EVENT THAT CAUSES BREACHING OF THE INSTALLED CONSTRUCTION BMPs.
- ALL STOCKPILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD OF GREATER THAN SEVEN (7) CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS. SUCH SOIL MUST BE PROTECTED WHEN THE 5-DAY PROBABILITY OF RAIN IS 50% OR GREATER PER CASQA.
- A CONCRETE "WASHOUT" SHALL BE PROVIDED ON ALL PROJECTS WHICH PROPOSE THE CONSTRUCTION OF ANY CONCRETE IMPROVEMENTS THAT ARE TO BE POURED IN PLACE ON THE SITE.
- ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS/SEDIMENT INTO THE ENVIRONMENT.

SIGNING AND STRIPING GENERAL NOTES

- SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE LATEST CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE CITY OF OCEANSIDE STANDARD PLANS, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2015.
- ALL LIMIT LINES, CROSSWALKS, LEGENDS, AND YIELD LINES SHALL BE THERMOPLASTIC PER CALTRANS STANDARD SPECIFICATIONS. ALL LANE LINES, NO PASSING ZONE AND DIAGONAL STRIPING SHALL BE PAINT PER CALTRANS STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE 2015 CALTRANS STANDARD PLANS A20A THRU A20F AND A24A THRU A24H.
- THE CONTRACTOR SHALL RE-STRIP EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
- SIGNS SHALL BE REFLECTORIZED AND IN STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF OCEANSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".
- ALL EXISTING SIGNS NOT INDICATED AS REMOVED OR RELOCATED ON THIS PLAN BUT REQUIRED TO REMOVE FOR ROAD WORK SHALL BE RELOCATED TO NEAREST APPROPRIATE AREA AVAILABLE. IF SIGN IS TO BE RELOCATED, NEW LOCATION MUST BE APPROVED BY CITY ENGINEER BEFORE INSTALLATION.
- PROTECT IN PLACE ALL SIGNAGE NOT IDENTIFIED IN THIS PLAN.
- WARNING SIGNS REGARDING CONDITIONS WITH PEDESTRIANS, BICYCLIST, AND PLAYGROUND SHALL HAVE A BLACK LEGEND AND BORDER ON A YELLOW OR FLUORESCENT YELLOW-GREEN BACKGROUND. WARNING SIGNS REGARDING CONDITIONS ASSOCIATED WITH SCHOOL BUSES AND SCHOOLS AND THEIR RELATED SUPPLEMENTAL PLAQUES SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT YELLOW-GREEN BACKGROUND, PER LATEST CALIFORNIA MANUAL ON UNIFORM CONTROL DEVICES (CA MUTCD).
- THE BOTTOM OF THE TRAFFIC SIGN SHALL BE A MINIMUM OF 7 FEET ABOVE THE FINISHED SURFACE.
- SIGN POST SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING AND A BREAKAWAY BASE PER SDRSD M-45.
- ALL SIGNS SHOWN ON PLANS AND DETAILS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR REMAIN.
- ANY DIVOTS CREATED IN THE EXISTING ASPHALT CONCRETE DUE TO REMOVAL OF THERMOPLASTIC PAVEMENT MARKINGS SHALL BE FILLED WITH SLURRY SEAL PRIOR TO INSTALLATION OF PAVEMENT MARKINGS.

"DECLARATION OF ENGINEER OF WORK"

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ASSUME FULL RESPONSIBLE CHARGE FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY THE CITY OF OCEANSIDE IS A REVIEW FOR THIS LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH CITY PROCEDURES AND OTHER APPLICABLE POLICIES AND ORDINANCES. THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT, THEREFORE, RELIEVE ME OF MY RESPONSIBILITY FOR THE DESIGN OF THESE IMPROVEMENTS.

AS ENGINEER OF WORK, I AGREE TO INDEMNIFY AND SAVE THE CITY OF OCEANSIDE, ITS OFFICERS, AGENTS, AND EMPLOYEES HARMLESS FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES OR INJURIES TO ANY PERSON OR PROPERTY WHICH MIGHT ARISE FROM THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF WORK, MY EMPLOYEES, AGENTS OR CONSULTANTS.

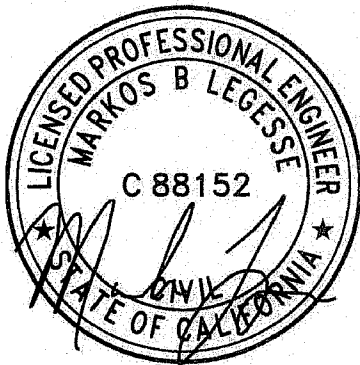
MARKOS LEGESSE 88152 11/17/23
ENGINEER LICENSE NO. DATE

CIVIL ENGINEER CERTIFICATION (AS-BUILT)

I HEREBY CERTIFY THAT AS THE ENGINEER IN RESPONSIBLE CHARGE OF WORK FOR THIS PROJECT, I HAVE REVIEWED THE ENGINEERING WORK AS SHOWN ON THESE PLANS TO DETERMINE GENERAL COMPLIANCE WITH PLANS AND SPECIFICATIONS, AND THAT THE COMPLETED CONSTRUCTION IS IN CONFORMANCE WITH THESE PLANS.

I ALSO CERTIFY THAT ALL CHANGES AND/OR ADDITIONS MADE DURING CONSTRUCTION, ALL INFORMATION AS REQUIRED BY THE CITY OF OCEANSIDE GRADING ORDINANCE, AND ALL RECOMMENDATIONS FROM THE SOILS ENGINEERING AND ENGINEERING GEOLOGY REPORTS PREPARED FOR THIS PROJECT HAVE BEEN INCORPORATED IN THESE PLANS.

CIVIL ENGINEER OF RECORD: NAME LICENSE NO.



LEGEND:

ITEM	STD. DWG.
6" MEDIAN CURB	SAN DIEGO REGIONAL STD. DRAWING G-06
CURB RAMP	CALTRANS STD. PLANS A88A, A88B
SIDEWALK	SAN DIEGO REGIONAL STD. DRAWING G-07
SAWCUT TRENCH	CITY OF OCEANSIDE STD. DRAWINGS M3-A, M3-C
CURB AND GUTTER	SAN DIEGO REGIONAL STD. DRAWING G-02
ROLLED CURB	SAN DIEGO REGIONAL STD. DRAWING G-4A
CROSS GUTTER	SAN DIEGO REGIONAL STD. DRAWING G-12
HANDRAIL	SPPWC STD. PLAN 606-5
DRIVEWAY	CALTRANS STD. PLANS A87A

SHEET INDEX

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ENGINEER OF WORK

ALTA PLANNING + DESIGN	MARKOS LEGESSE
COMPANY NAME	ENGINEER NAME
617 W 7TH STREET LOS ANGELES, CA 90017	ADDRESS
213-589-7443	MARKOSLEGESSE@ALTAGO.COM
PHONE	E-MAIL:

UTILITY COMPANY

UTILITY COMPANY	EMERGENCY NO.
AT&T	1..(800)..924..9420.....
COX	1..(800)..234..3993.....
SAN DIEGO GAS AND ELECTRIC (SDG&E)	1..(800)..611..7343.....
WATER UTILITIES (CITY)	1..(760)..435..5800.....
TRAFFIC SIGNAL MAINTENANCE (CITY)	1..(760)..435..4500.....
NORTH COUNTY TRANSIT DISTRICT (NCTD)	1..(760)..966..6500.....

NOTE:

PRIVATE WATER, SEWER AND FIRE SERVICE LINES SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE BUILDER/ENGINEER/DEVELOPER IS RESPONSIBLE TO SUBMIT A SEPARATE SET OF PLANS TO THE BUILDING AND/OR FIRE DEPARTMENT FOR PLAN CHECK AND APPROVAL PRIOR TO APPROVAL OF IMPROVEMENT PLANS.

FEMA

FLOOD ZONE DESIGNATION:
BASE FLOOD ELEVATION (BFE):
FIRM PANEL NO. AND SUFFIX:
FIRM EFFECTIVE DATE:
FEMA CLOWR CASE NO:

SHOW FLOOD PLAN AND FLOOD WAY LIMITS ON PLANS (WHEN APPLICABLE)

NOTE:

THE CITY'S PLAN CHECK IS NOT A DETERMINATION OF TECHNICAL DESIGN FUNCTIONALITY OF THE IMPROVEMENTS. THE PLAN CHECK DOES NOT RELIEVE THE ENGINEER OF WORK OF THEIR RESPONSIBILITY FOR THE DESIGN AND THE SUFFICIENCY OF THE PROPOSED IMPROVEMENTS.

WDID NO. N/A FILE NO. CIP22-00003

SHEET 1	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN TITLE SHEET		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11/21/23		
Prepared under the direction of: Sign: 11/17/23 NAME: MARKOS LEGESSE	Reviewed By: Date: 11/20/23	PLAN NUMBER T-01 R23-00028



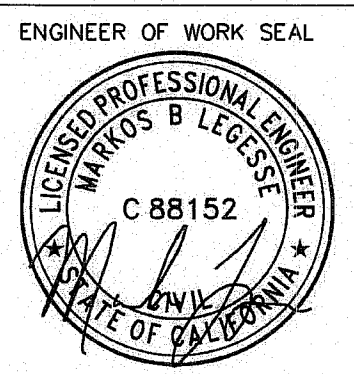
CALL
811

TWO WORKING DAYS BEFORE YOU DIG

Underground Service Alert	BASIS OF BEARING
	BEARINGS ARE BASED ON THE CITY OF OCEANSIDE GEODETIC CONTROL NETWORK (OGCN). THE BEARING BETWEEN OGCN POINT "1004" TO OGCN POINT "1060" BEING N31°52'E.
SOURCE & DATE OF TOPOGRAPHY	
	COAST SURVEYING 4/20/2023

NO.	APPROVED REVISIONS	BY	DATE

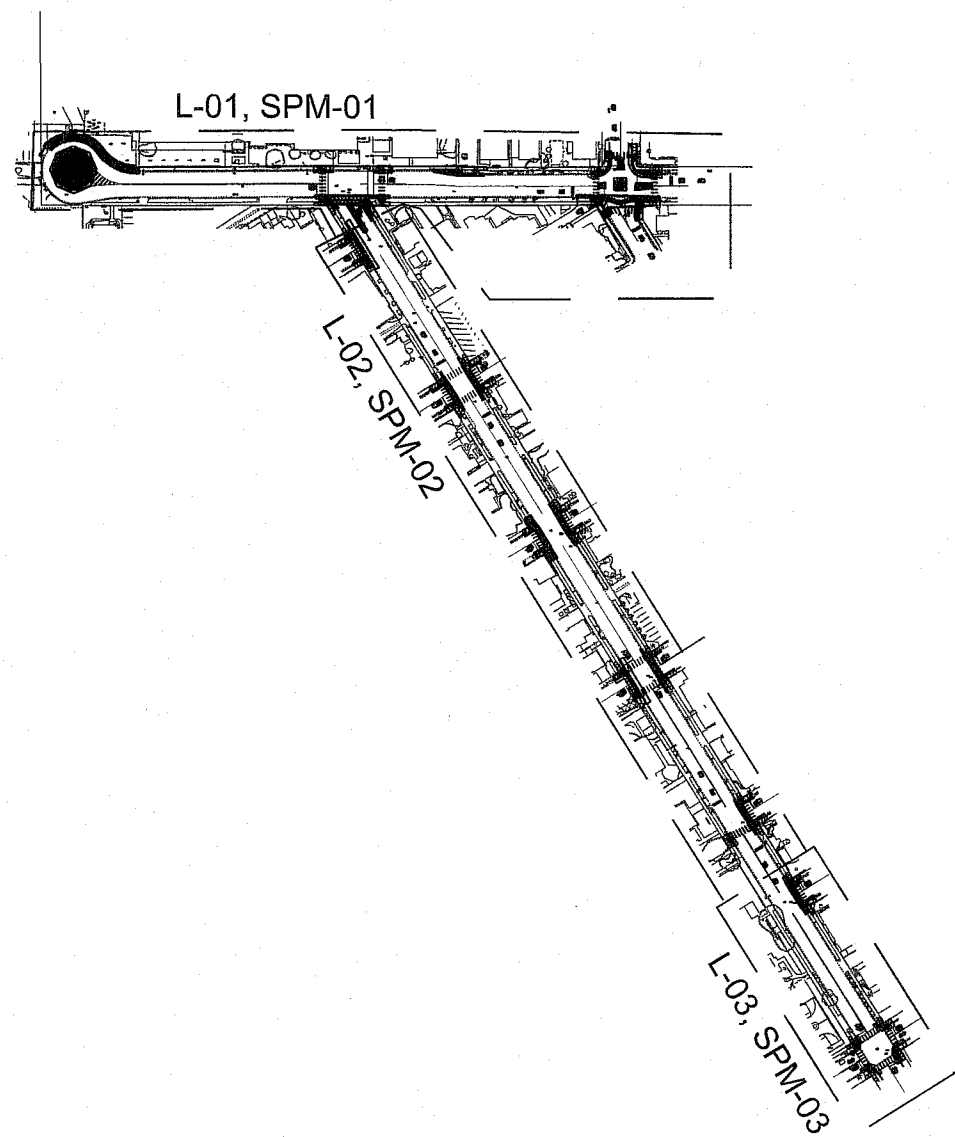
PLANS ARE CHECKED AND FOUND TO COMPLY WITH THE CITY OF OCEANSIDE REQUIREMENTS:	
RECOMMENDED BY: Markos Legesse 11/21/23 WATER UTILITIES DEPARTMENT DATE	RECOMMENDED BY: Aaron Murg, FPE 11/21/23 FIRE DEPARTMENT DATE
APPROVED BY: [Signature] 11/21/2023 TRANSPORTATION DIVISION DATE	



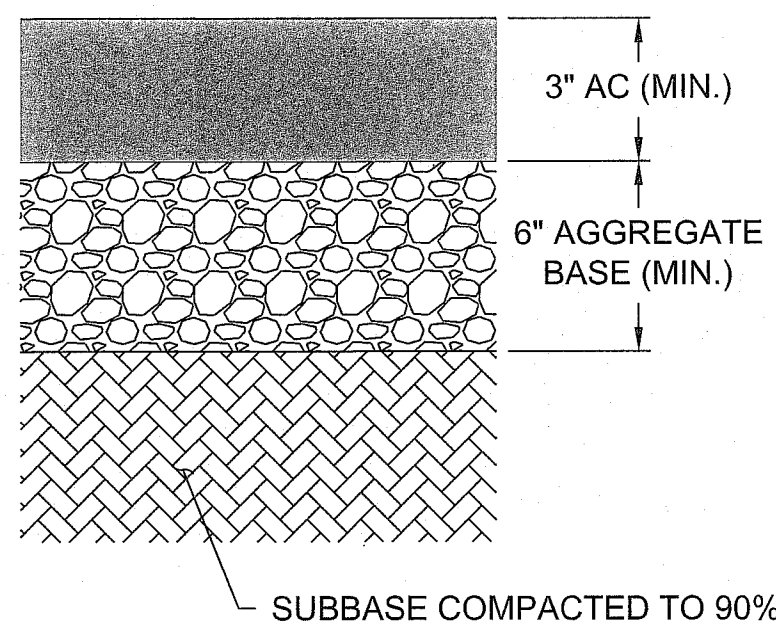
alta

CITY NAVD88 BENCHMARK
Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

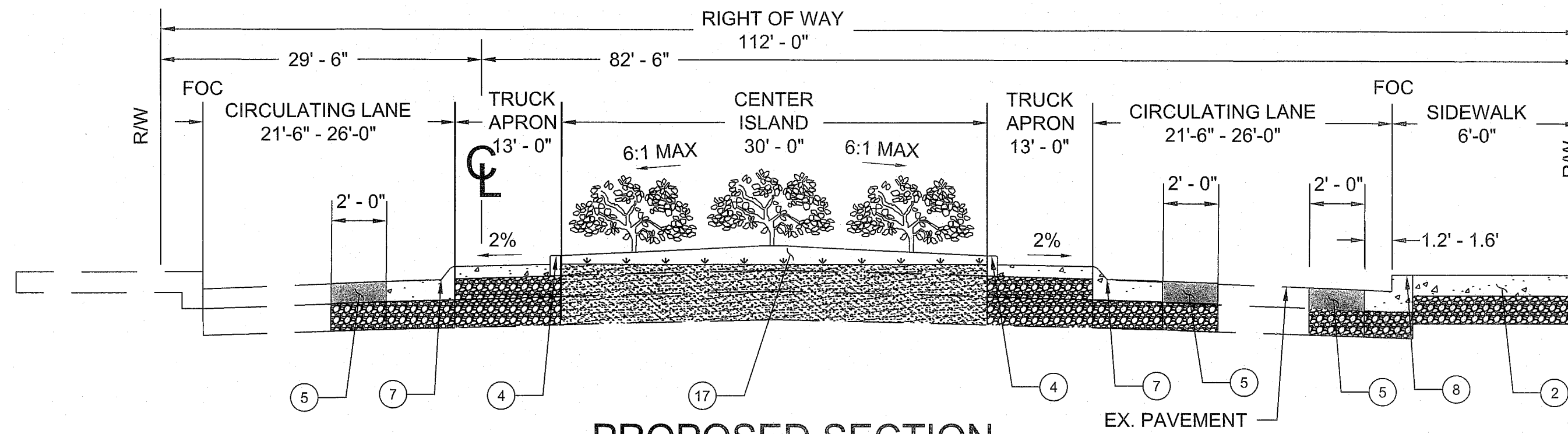
DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS CAD\01_Plan\2023-067_C-DT.dwg Plotted by: Enmakatz on Nov 17, 2023 - 15:31:15



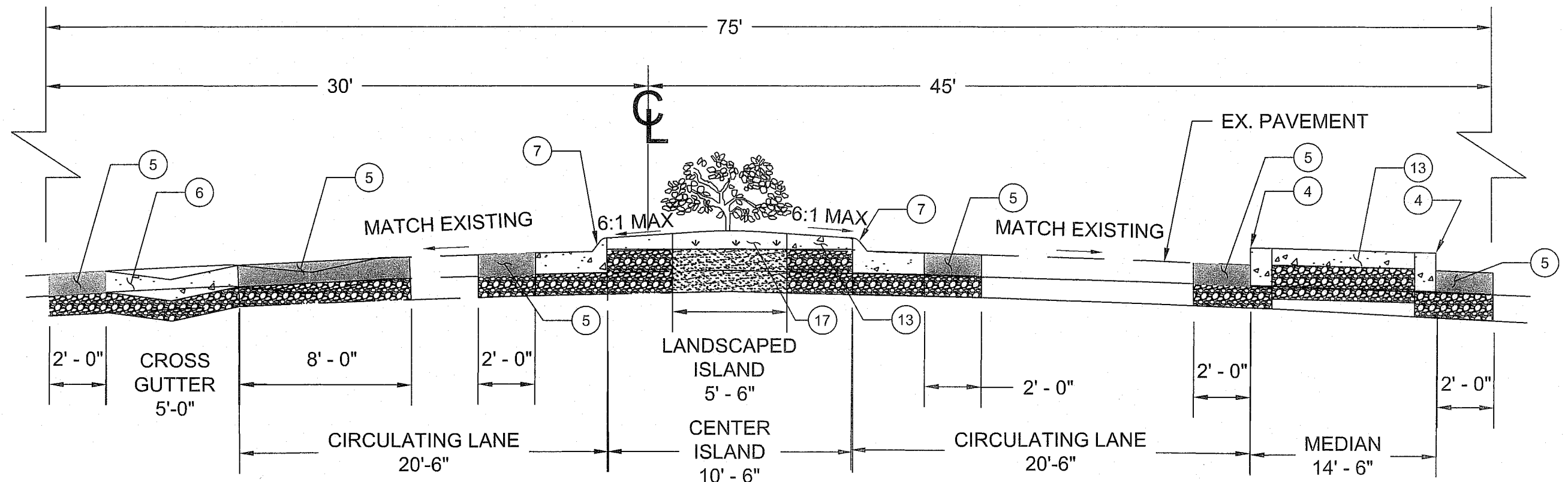
KEY MAP
SCALE 1"=300'



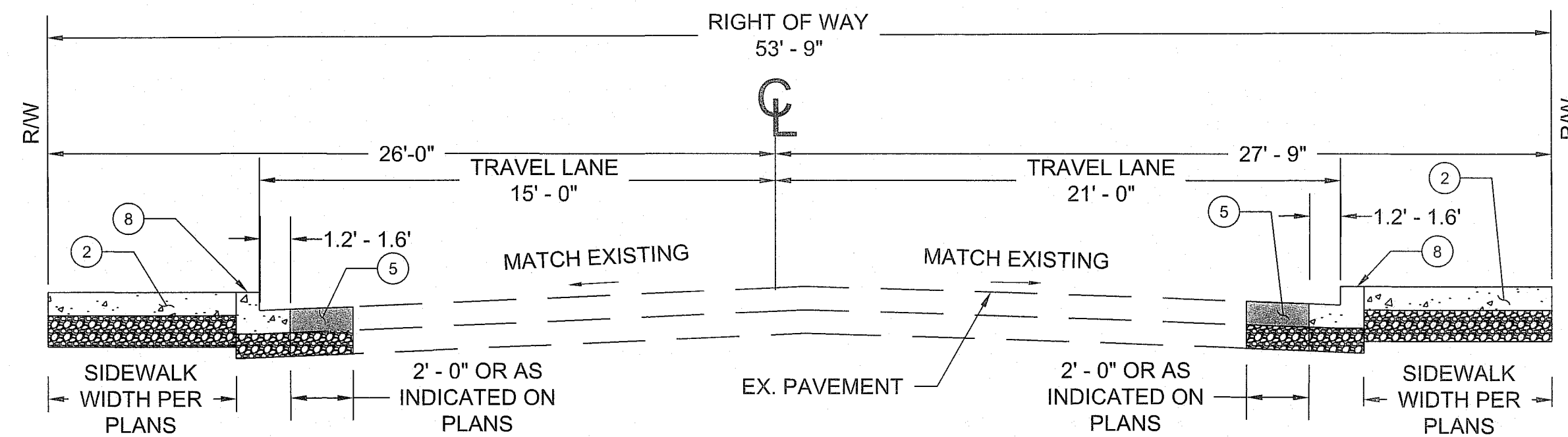
1 ASPHALT CONCRETE SECTION
NOT TO SCALE



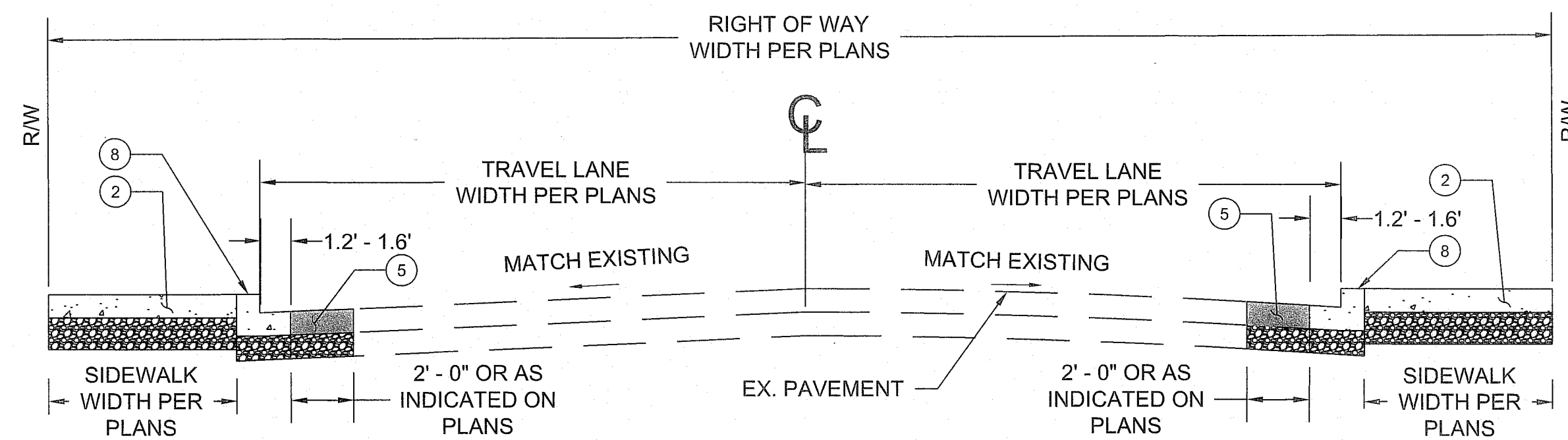
PROPOSED SECTION
LAUREL STREET AT CUL DE SAC TRAFFIC CIRCLE
NOT TO SCALE



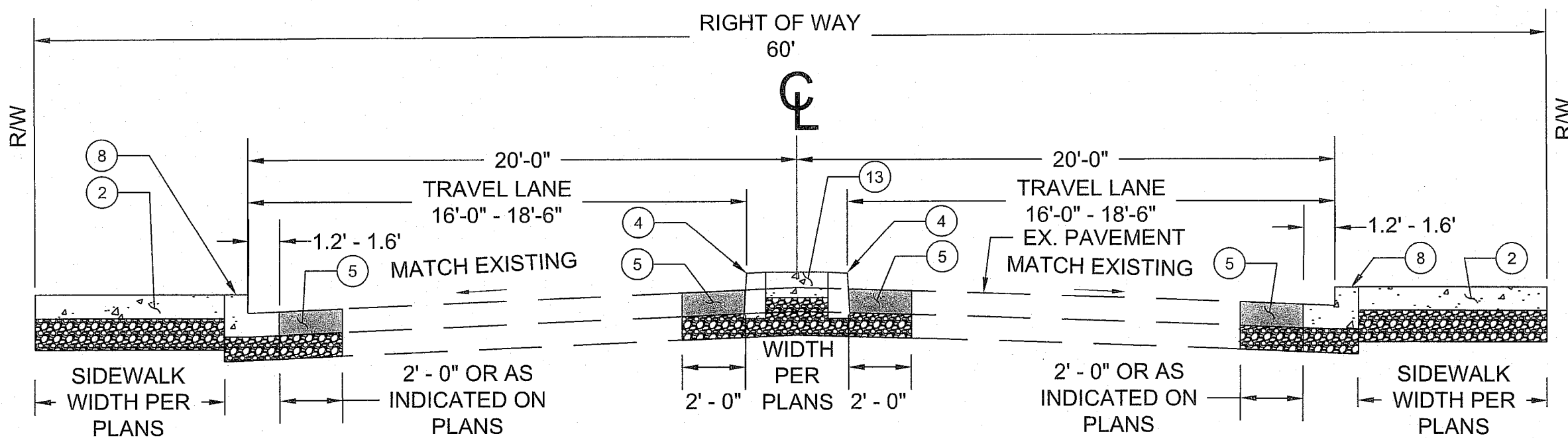
PROPOSED SECTION
LAUREL STREET AT HOLLY STREET TRAFFIC CIRCLE
NOT TO SCALE



PROPOSED SECTION
HOLLY STREET AT LAUREL STREET SOUTHERN LEG
NOT TO SCALE



PROPOSED SECTION
LAUREL STREET AT PROPOSED CURB RAMP LOCATIONS
NOT TO SCALE



PROPOSED SECTION
SAN DIEGO STREET AT PROPOSED CURB RAMP LOCATIONS
NOT TO SCALE

"SD" STA 10+31.30 TO "SD" STA 10+85.42
"LA" STA 18+20.73 TO "LA" STA 18+32.77
"LA" STA 19+21.50 TO "LA" STA 19+79.67
"HO-N" STA 10+40.16 TO "HO-N" STA 10+59.13
NOT TO SCALE

ABBREVIATIONS

(X.XX)	INDICATES EXISTING ELEVATION	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
AC	ASPHALT CONCRETE	N	NORTH
ADA	AMERICAN WITH DISABILITIES ACT	NO.	NUMBER
BC	BEGIN CURVE	O.C.	ON CENTER
BCR	BEGINNING OF CURB RETURN	OFF	OFFSET
BEG	BEGINNING	PCC	PORTLAND CEMENT CONCRETE
BOW	BACK OF WALK	PP	POWER POLE
CA	CALIFORNIA	PRC	POINT OF REVERSE CURVE
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION	RRFB	RECTANGULAR RAPID FLASHING BEACON
CF	CURB FACE	RT	RIGHT
C&G	CURB AND GUTTER	R/W	RIGHT OF WAY
CMB	CRUSHED MISCELLANEOUS BASE	S	SOUTH
CONST.	CONSTRUCTION	S/C	SAWCUT
CL	CENTERLINE	SDRSD	SAN DIEGO COUNTRY REGIONAL STANDARD DRAWINGS
DWY	DRIVEWAY	SF	SQUARE FEET (FOOT)
E	EASTING	S.N.S.	STREET NAME SIGN
EC	END CURVE	STA	STATION
ECR	END OF CURB RETURN	STD.	STANDARD
ELEV.	ELEVATION	SW	SIDEWALK
EX.	EXISTING	TC	TOP OF CURB
FOC	FACE OF CURB	TP	TRANSITION PANEL
FL	FLOW LINE	MIN.	MINIMUM
FS	FINISHED SURFACE	TYP.	TYPICAL
LT	LEFT	U.S.	UNITED STATES
LF	LINEAR FOOT	W	WEST
LIP	LIP OF GUTTER	XS	CROSS SECTION
MAX.	MAXIMUM		
MIN.	MINIMUM		
MOD.	MODIFIED		

SURVEY LEGEND

CONCRETE WALKWAY	○	SANITARY SEWER CLEANOUT
BUILDING FACE	□	UTILITY METER / BOX
GUTTER	⊙	WATER VALVE
CURB	⊗	FIRE HYDRANT
FENCE LINE	⊕	MANHOLE
CENTERLINE	⊖	DRAIN INLET
TREE/BRUSH LINE	⊗	POWER LAMP POST
SANITARY SEWER LINE	⊗	LAMP POST
STORM DRAIN LINE	⊗	GUY WIRE ANCHOR
WATER LINE	⊗	POWER POLE
TREES	⊗	SIGN
	⊗	POST
	⊗	MAILBOX

CONSTRUCTION NOTES

- CONSTRUCT 4" PCC SIDEWALK OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-07
- CONSTRUCT CURB PER SAN DIEGO REGIONAL STD. DRAWING G-06, TYPE B-1. SEE CIVIL DETAILS FOR CURB HEIGHT.
- REMOVE EXISTING AC AND CMB, DEPTH PER TYPICAL SECTIONS (9" MIN.). SAWCUT AND CONSTRUCT 3" AC PAVEMENT OVER 6" CLASS 2 AGGREGATE BASE PER CITY OF OCEANSIDE STD. DRAWINGS M-3A AND M-3C.
- CONSTRUCT CROSS GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-12.
- CONSTRUCT ROLLED CURB OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-4A, TYPE A.
- CONSTRUCT CURB AND GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-02.
- CONSTRUCT 4" PCC SECTION OVER 12" CLASS 2 AGGREGATE BASE.
- INSTALL TRAFFIC CIRCLE LANDSCAPE PLANTING WITH 3" WOOD MULCH PER SHEET LD-01.

LEGEND

PORTLAND CEMENT CONCRETE	4"
LANDSCAPING (TYPE SPECIFIED IN PLANS)	4"
DETECTABLE WARNING SURFACE	4"
PAVEMENT REPAIR TRENCH	4"
CLASS 2 AGGREGATE BASE	4"
BACKFILL PLANTING PIT	4"
SAWCUT LINE	4"
CENTERLINE	4"
RIGHT OF WAY	4"
FLOWLINE	4"
HANDRAIL	4"

WDID NO. N/A FILE NO. CIP22-00003

SHEET 2	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN TYP. SECTIONS, LEGEND, KEYMAP & ABBREVIATIONS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11/21/23		
Prepared under the direction of: Record From: 11/17/23 NAME: MARKOS LEGESSE DATE: 11/20/23		
Reviewed By: 11/20/23 PLAN NUMBER ND-01 R23-00028		

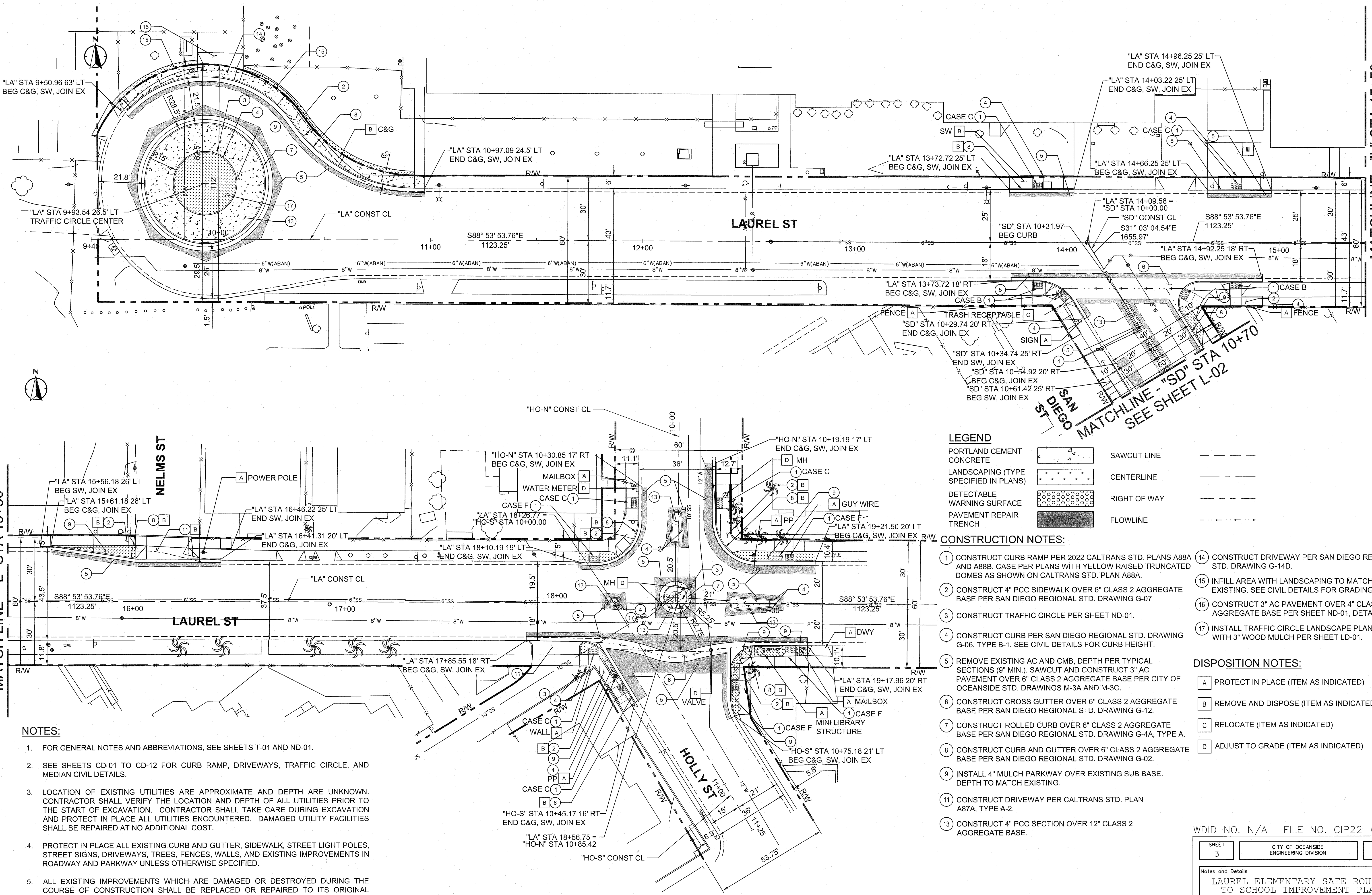
alta

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213-489-7443 | alta.co

NO.	DESCRIPTION	APPVD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: 11/17/23
Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

SEE ABOVE RIGHT
MATCHLINE - "L" STA 15+50

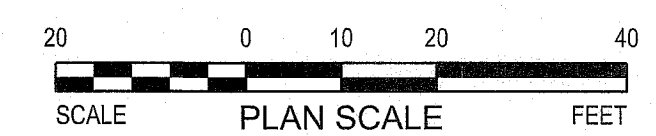


MATCHLINE - "L" STA 15+50
SEE BELOW LEFT

- NOTES:**
- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
 - SEE SHEETS CD-01 TO CD-12 FOR CURB RAMP, DRIVEWAYS, TRAFFIC CIRCLE, AND MEDIAN CIVIL DETAILS.
 - LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
 - PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, TREES, FENCES, WALLS, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
 - ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.
 - ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT THEIR EXPENSE.

- LEGEND**
- | | | | |
|---------------------------------------|--|--------------|--|
| PORTLAND CEMENT CONCRETE | | SAWCUT LINE | |
| LANDSCAPING (TYPE SPECIFIED IN PLANS) | | CENTERLINE | |
| DETECTABLE WARNING SURFACE | | RIGHT OF WAY | |
| PAVEMENT REPAIR TRENCH | | FLOWLINE | |

- CONSTRUCTION NOTES:**
- CONSTRUCT CURB RAMP PER 2022 CALTRANS STD. PLANS A88A AND A88B. CASE PER PLANS WITH YELLOW RAISED TRUNCATED DOMES AS SHOWN ON CALTRANS STD. PLAN A88A.
 - CONSTRUCT 4" PCC SIDEWALK OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-07
 - CONSTRUCT TRAFFIC CIRCLE PER SHEET ND-01.
 - CONSTRUCT CURB PER SAN DIEGO REGIONAL STD. DRAWING G-06, TYPE B-1. SEE CIVIL DETAILS FOR CURB HEIGHT.
 - REMOVE EXISTING AC AND CMB, DEPTH PER TYPICAL SECTIONS (9" MIN.). SAWCUT AND CONSTRUCT 3" AC PAVEMENT OVER 6" CLASS 2 AGGREGATE BASE PER CITY OF OCEANSIDE STD. DRAWINGS M-3A AND M-3C.
 - CONSTRUCT CROSS GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-12.
 - CONSTRUCT ROLLED CURB OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-4A, TYPE A.
 - CONSTRUCT CURB AND GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-02.
 - INSTALL 4" MULCH PARKWAY OVER EXISTING SUB BASE. DEPTH TO MATCH EXISTING.
 - CONSTRUCT DRIVEWAY PER CALTRANS STD. PLAN A87A, TYPE A-2.
 - CONSTRUCT 4" PCC SECTION OVER 12" CLASS 2 AGGREGATE BASE.
 - CONSTRUCT DRIVEWAY PER SAN DIEGO REGIONAL STD. DRAWING G-14D.
 - INFILL AREA WITH LANDSCAPING TO MATCH EXISTING. SEE CIVIL DETAILS FOR GRADING.
 - CONSTRUCT 3" AC PAVEMENT OVER 4" CLASS 2 AGGREGATE BASE PER SHEET ND-01, DETAIL 1.
 - INSTALL TRAFFIC CIRCLE LANDSCAPE PLANTING WITH 3" WOOD MULCH PER SHEET LD-01.
- DISPOSITION NOTES:**
- | | |
|---|--|
| A | PROTECT IN PLACE (ITEM AS INDICATED) |
| B | REMOVE AND DISPOSE (ITEM AS INDICATED) |
| C | RELOCATE (ITEM AS INDICATED) |
| D | ADJUST TO GRADE (ITEM AS INDICATED) |



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NO.	DESCRIPTION	APPVD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

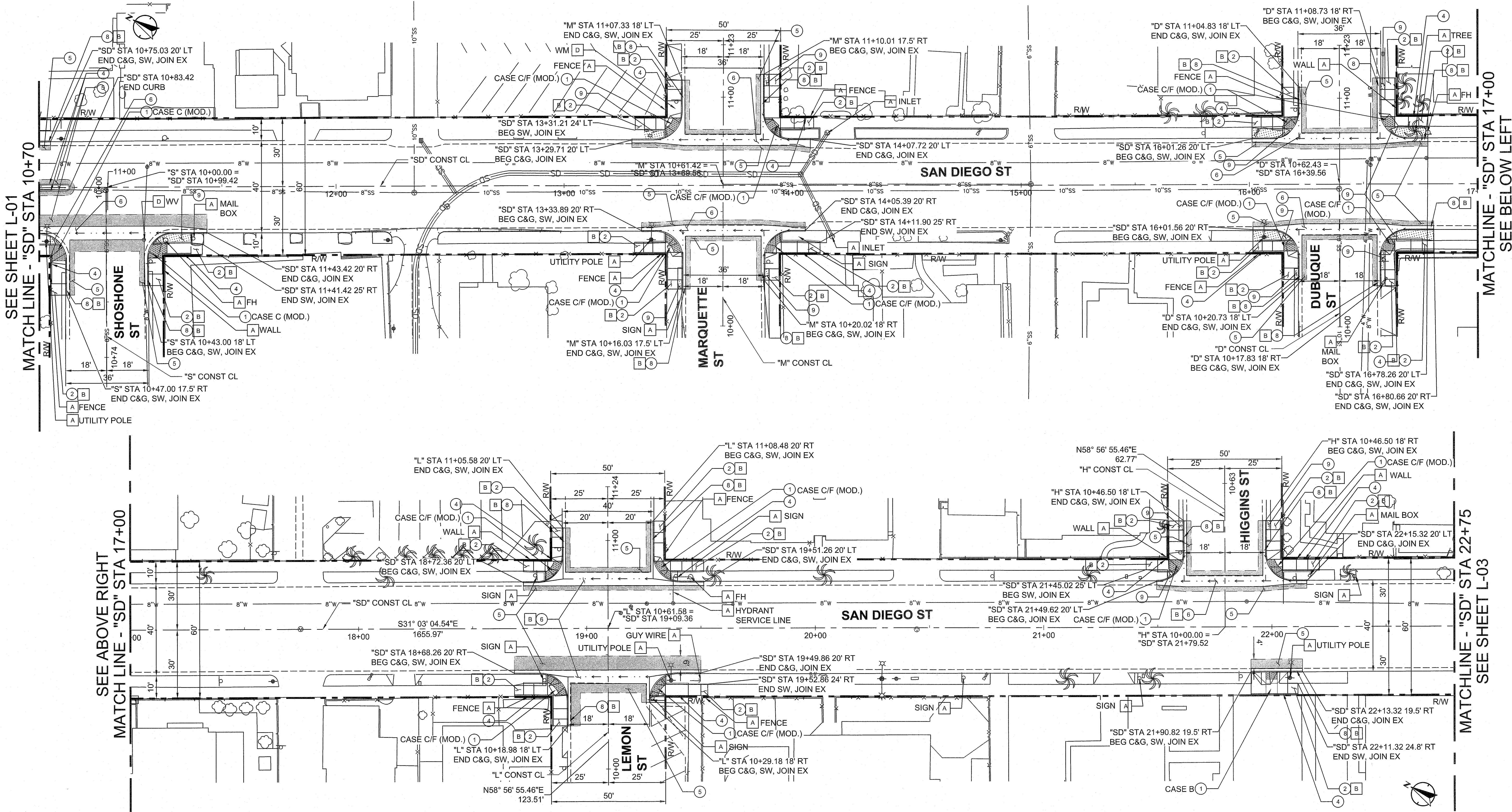
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22--00003

SHEET 3	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN LAYOUT SHEET		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11-20-23		
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23 DATE	PLAN NUMBER L-01 R23--00028



NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE 5. SHEETS T-01 AND ND-01.
- SEE SHEETS CD-01 TO CD-12 FOR CURB RAMP, DRIVEWAYS, TRAFFIC CIRCLE, AND MEDIAN CIVIL DETAILS.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, TREES, FENCES, WALLS, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.

ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.

ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT THEIR EXPENSE.

CONSTRUCTION NOTES:

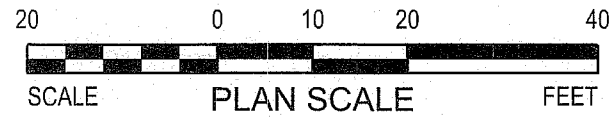
- CONSTRUCT CURB RAMP PER 2022 CALTRANS STD. PLANS A88A AND A88B. CASE PER PLANS WITH YELLOW RAISED TRUNCATED DOMES AS SHOWN ON CALTRANS STD. PLAN A88A.
- CONSTRUCT 4" PCC SIDEWALK OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-07
- CONSTRUCT CURB PER SAN DIEGO REGIONAL STD. DRAWING G-06, TYPE B-1. SEE CIVIL DETAILS FOR CURB HEIGHT.
- REMOVE EXISTING AC AND CMB, DEPTH PER TYPICAL SECTIONS (9" MIN.). SAWCUT AND CONSTRUCT 3" AC PAVEMENT OVER 6" CLASS 2 AGGREGATE BASE PER CITY OF OCEANSIDE STD. DRAWINGS M-3A AND M-3C.
- CONSTRUCT CROSS GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-12.
- CONSTRUCT CURB AND GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-02.
- INSTALL 4" MULCH PARKWAY OVER EXISTING SUB BASE. DEPTH TO MATCH EXISTING.

DISPOSITION NOTES:

- PROTECT IN PLACE (ITEM AS INDICATED)
- REMOVE AND DISPOSE (ITEM AS INDICATED)
- ADJUST TO GRADE (ITEM AS INDICATED)

LEGEND

- LANDSCAPING (TYPE SPECIFIED IN PLANS)
- DETECTABLE WARNING SURFACE
- PAVEMENT REPAIR TRENCH
- SAWCUT LINE
- CENTERLINE
- RIGHT OF WAY
- FLOWLINE



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NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

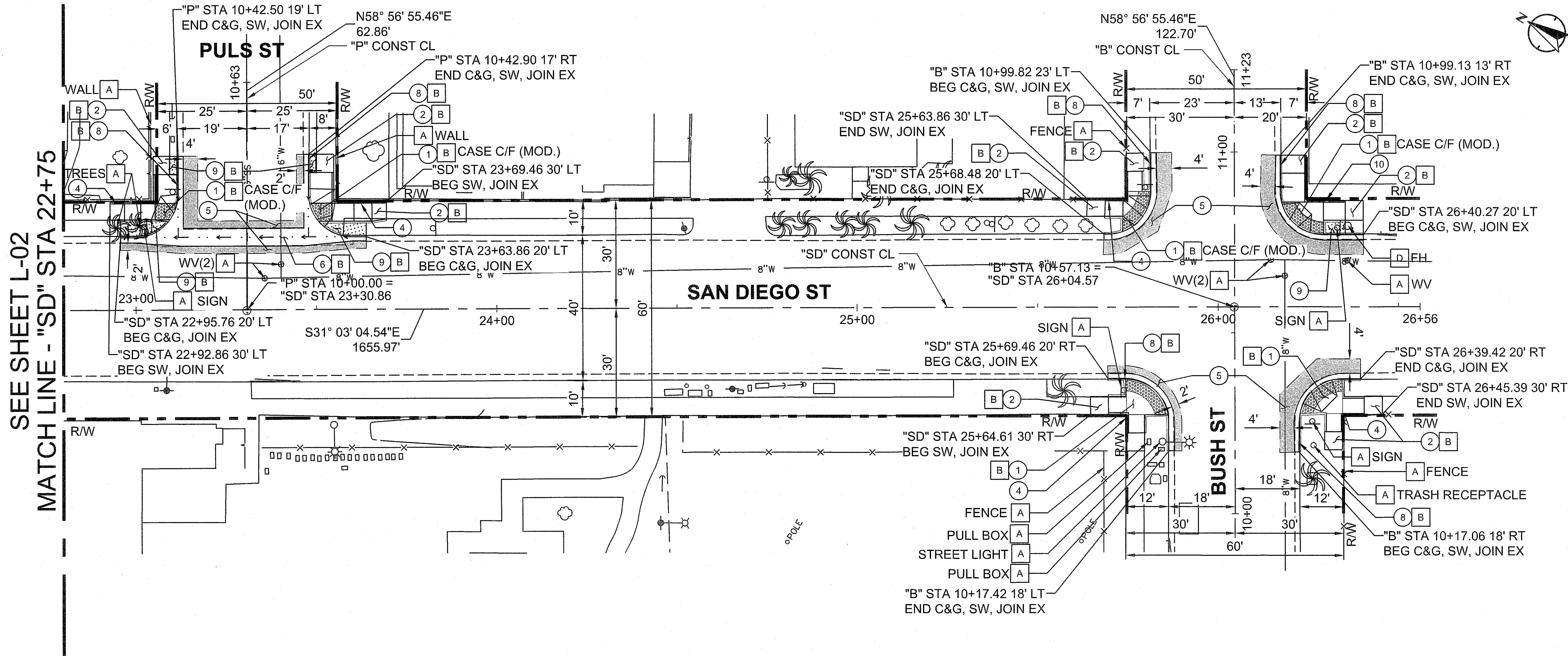
Record From: Elev. 120.99 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 4	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN LAYOUT SHEET		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11-21-23		
Prepared under the direction of: Sign: M.L.G. NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23 DATE	PLAN NUMBER L-02 R23-00028

DWG Name: N:\Shored\PROJECTS\2023\00-2023-067-Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_C-LAY.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 14:48:25



LEGEND

LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	---
DETECTABLE WARNING SURFACE		CENTERLINE	---
PAVEMENT REPAIR TRENCH		RIGHT OF WAY	---
		FLOWLINE	---
		HANDRAIL	---

NOTES:

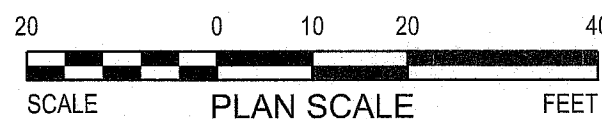
- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
- SEE SHEETS CD-01 TO CD-12 FOR CURB RAMP, DRIVEWAYS, TRAFFIC CIRCLE, AND MEDIAN CIVIL DETAILS.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, TREES, FENCES, WALLS, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
- ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT THEIR EXPENSE.

CONSTRUCTION NOTES:

- CONSTRUCT CURB RAMP PER 2022 CALTRANS STD. PLANS A88A AND A88B. CASE PER PLANS WITH YELLOW RAISED TRUNCATED DOMES AS SHOWN ON CALTRANS STD. PLAN A88A.
- CONSTRUCT 4" PCC SIDEWALK OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-07
- CONSTRUCT CURB PER SAN DIEGO REGIONAL STD. DRAWING G-06, TYPE B-1. SEE CIVIL DETAILS FOR CURB HEIGHT.
- REMOVE EXISTING AC AND CMB, DEPTH PER TYPICAL SECTIONS (9" MIN.). SAWCUT AND CONSTRUCT 3" AC PAVEMENT OVER 6" CLASS 2 AGGREGATE BASE PER CITY OF OCEANSIDE STD. DRAWINGS M-3A AND M-3C.
- CONSTRUCT CROSS GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-12.
- CONSTRUCT CURB AND GUTTER OVER 6" CLASS 2 AGGREGATE BASE PER SAN DIEGO REGIONAL STD. DRAWING G-02.
- INSTALL 4" MULCH PARKWAY OVER EXISTING SUB BASE. DEPTH TO MATCH EXISTING.
- INSTALL HANDRAIL PER SPPWC STD. PLAN 606-5.

DISPOSITION NOTES:

- A PROTECT IN PLACE (ITEM AS INDICATED)
- B REMOVE AND DISPOSE (ITEM AS INDICATED)
- D ADJUST TO GRADE (ITEM AS INDICATED)



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NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

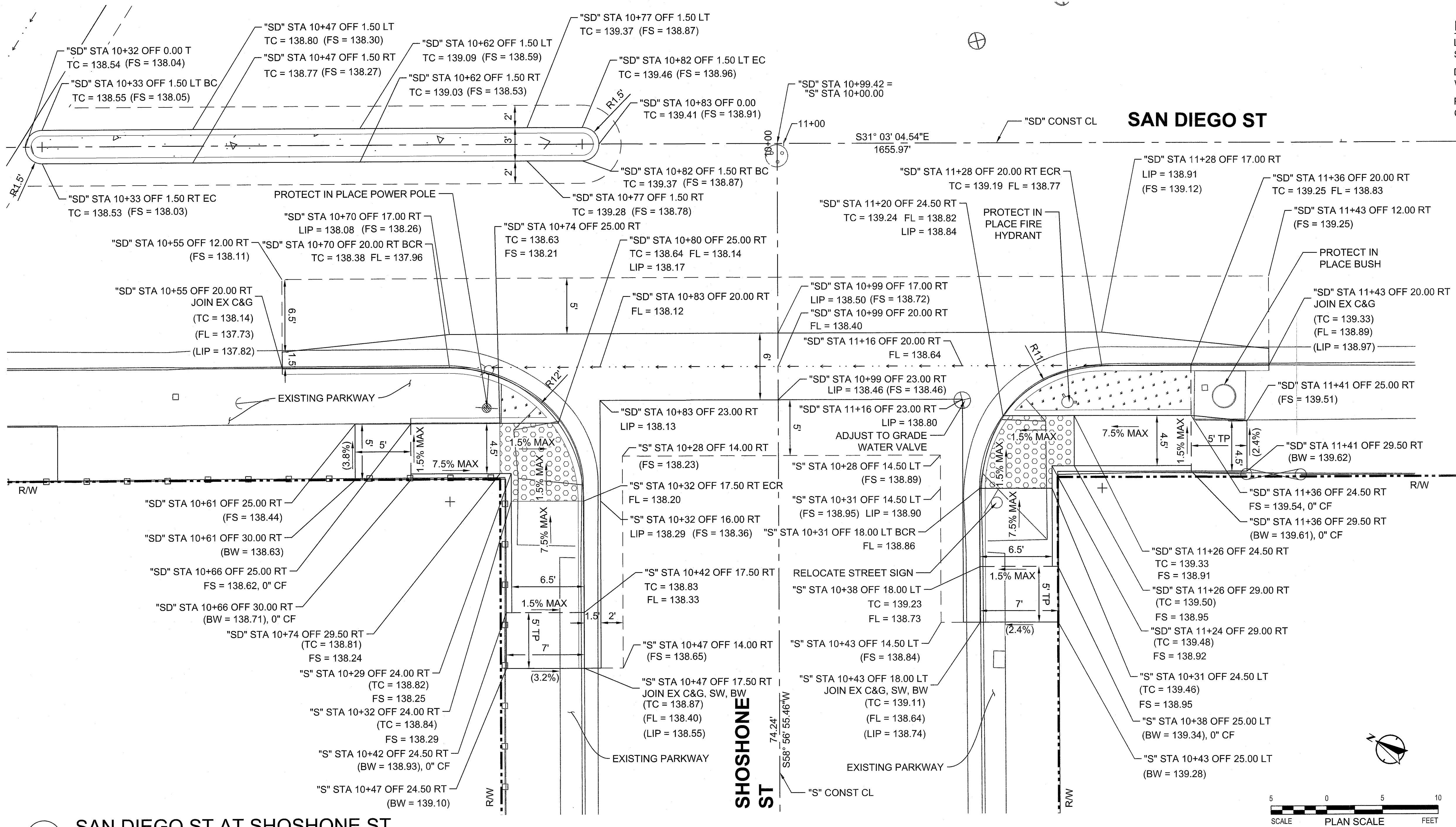
Record From: 11/17/23

Date: OCEANSIDE

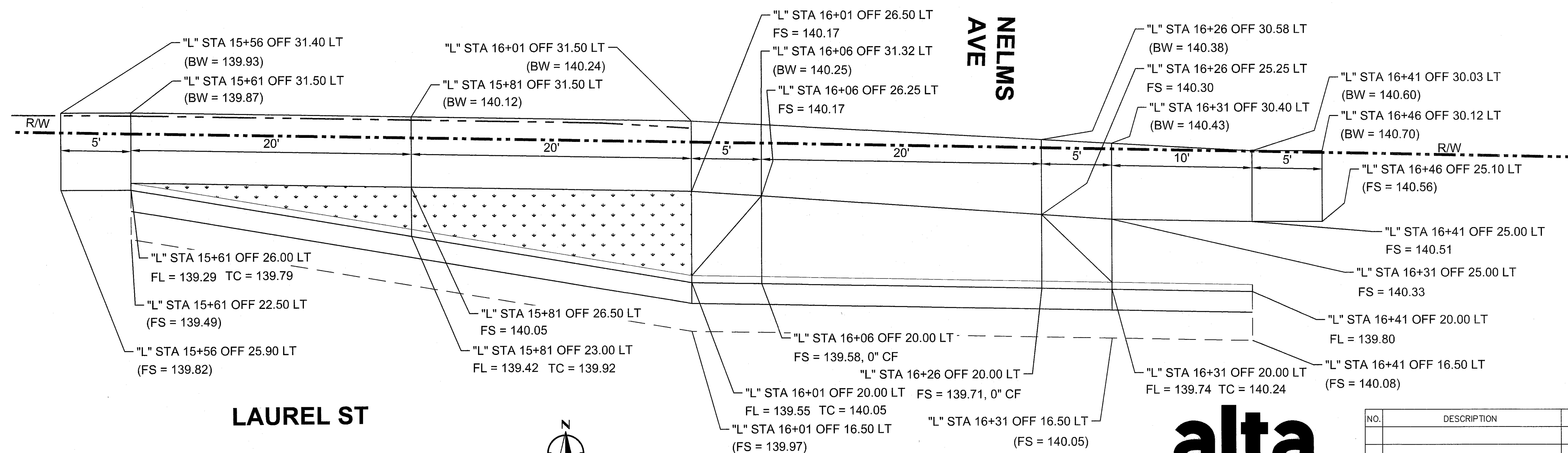
WDID NO. N/A FILE NO. CIP22-00003

SHEET 5	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN LAYOUT SHEET		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11/21/23		
Prepared under the direction of: SIGN: M.L.G. NAME: MARKOS LEGESSE	Reviewed By: 11/17/23 DATE	PLAN NUMBER L-03 R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD104.dwg Plotted by: Enmakatz on Nov 17, 2023 - 12:47:11



3a SAN DIEGO ST AT SHOSHONE ST
SCALE: 1" = 5'



3b LAUREL ST AT NELMS AVE
SCALE: 1" = 5'



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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: 11/17/23
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

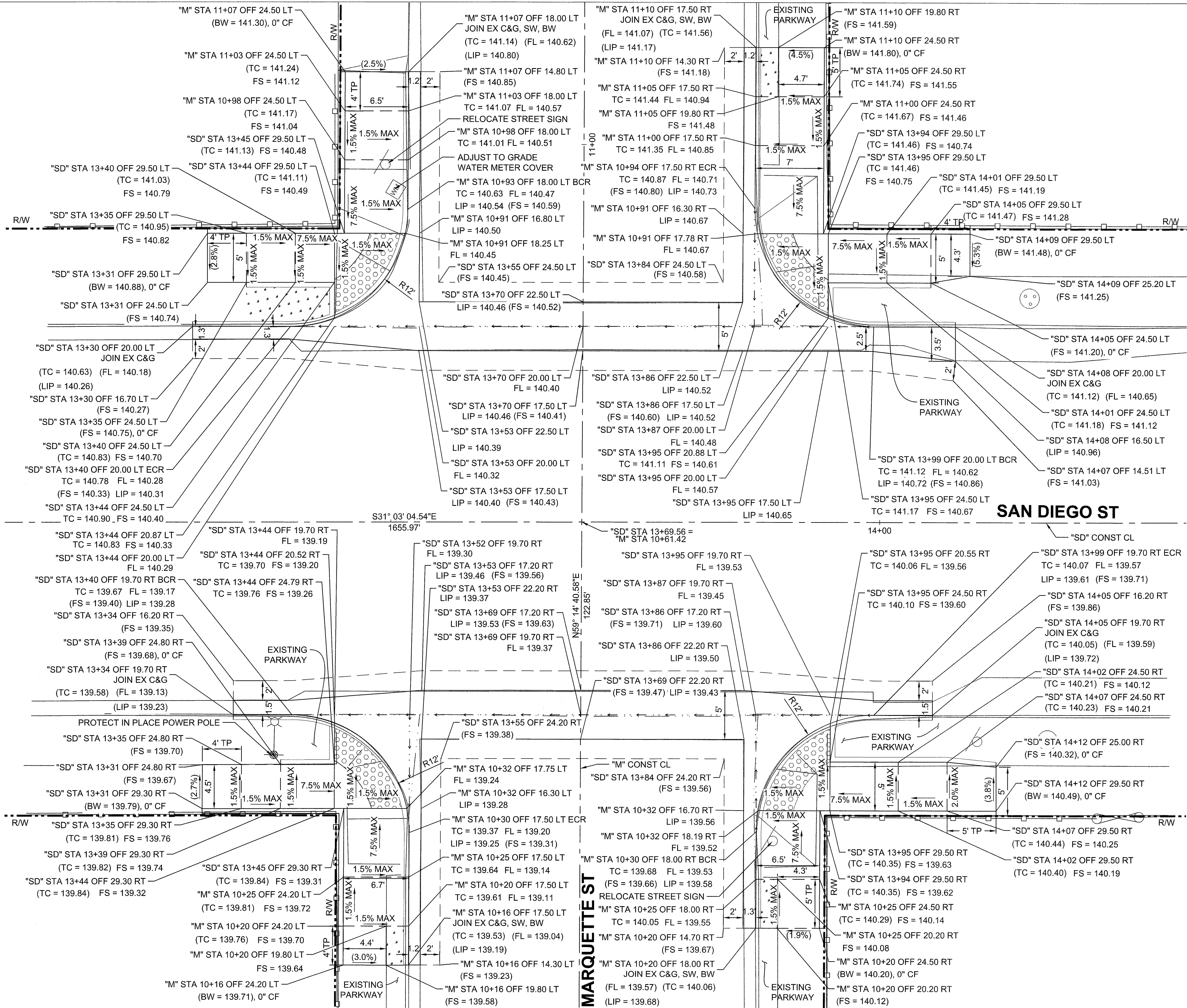
SHEET 7	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
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Notes and Details
LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN
CIVIL DETAILS

ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907	DATE: 11/20/23
--	----------------

Prepared under the direction of: SIGN: [Signature] NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23 DATE	PLAN NUMBER CD-02 R23-00028
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DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD105.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 12:47:37



LEGEND

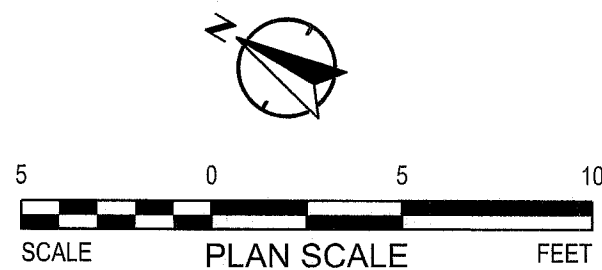
LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
		RIGHT OF WAY	
		FLOWLINE	

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
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- ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT HIS EXPENSE.

4 SAN DIEGO ST AT MARQUETTE ST

SCALE: 1" = 5'



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NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

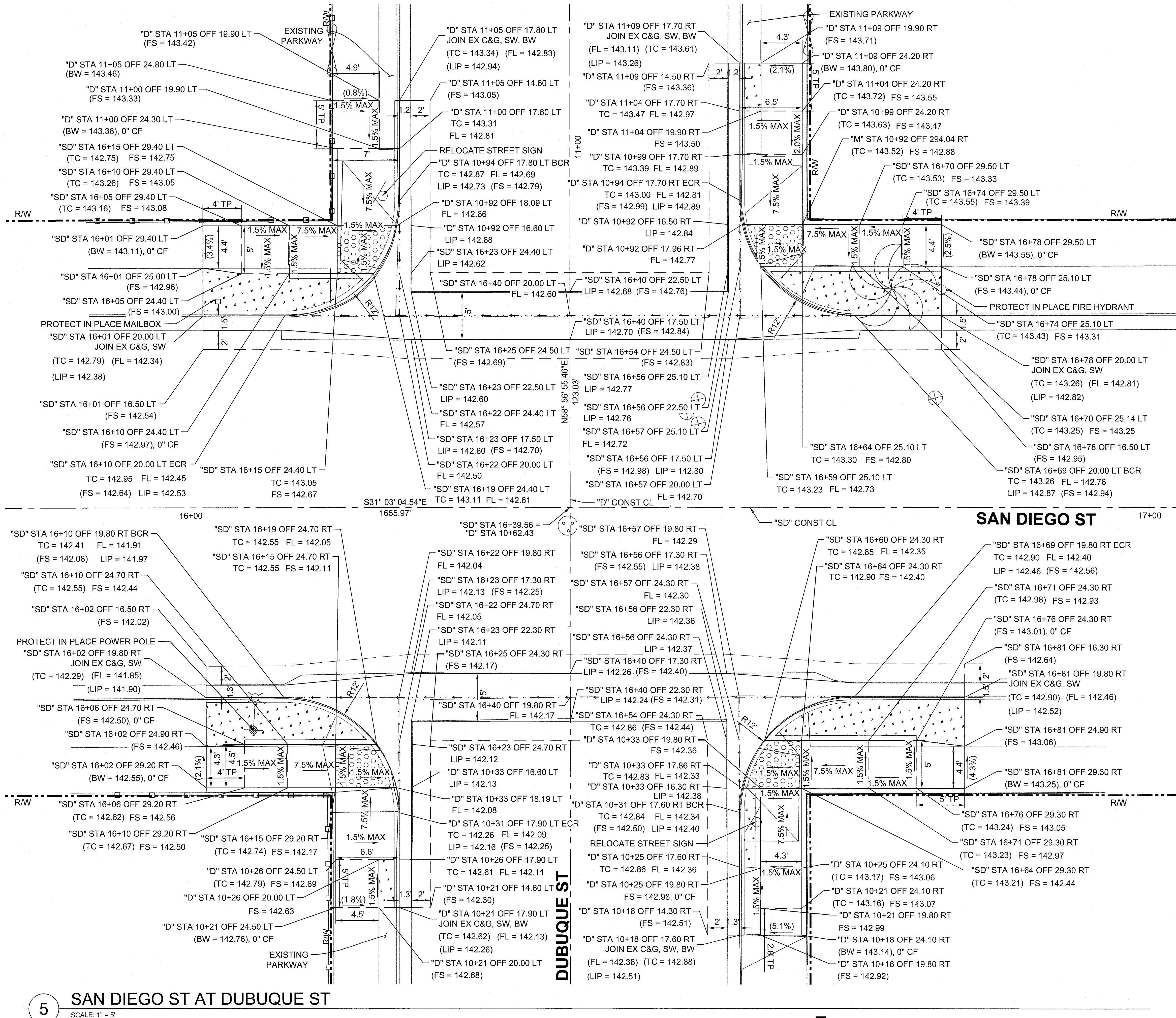
Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 8	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		11-21-23 Date:
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE	Record From: 11/17/23 DATE	PLAN NUMBER CD-03 R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD106.dwg Plotted by: EmmoKatz on Nov 17, 2023 - 12:47:55



LEGEND

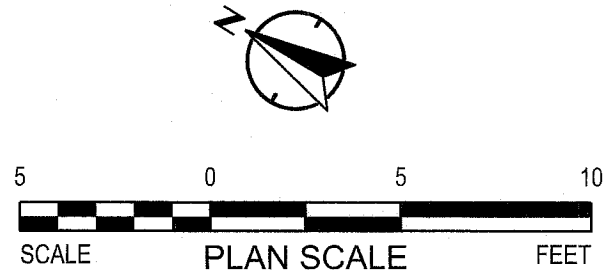
LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
		RIGHT OF WAY	
		FLOWLINE	

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
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- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
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- ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT HIS EXPENSE.

5 SAN DIEGO ST AT DUBUQUE ST

SCALE: 1" = 5'



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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

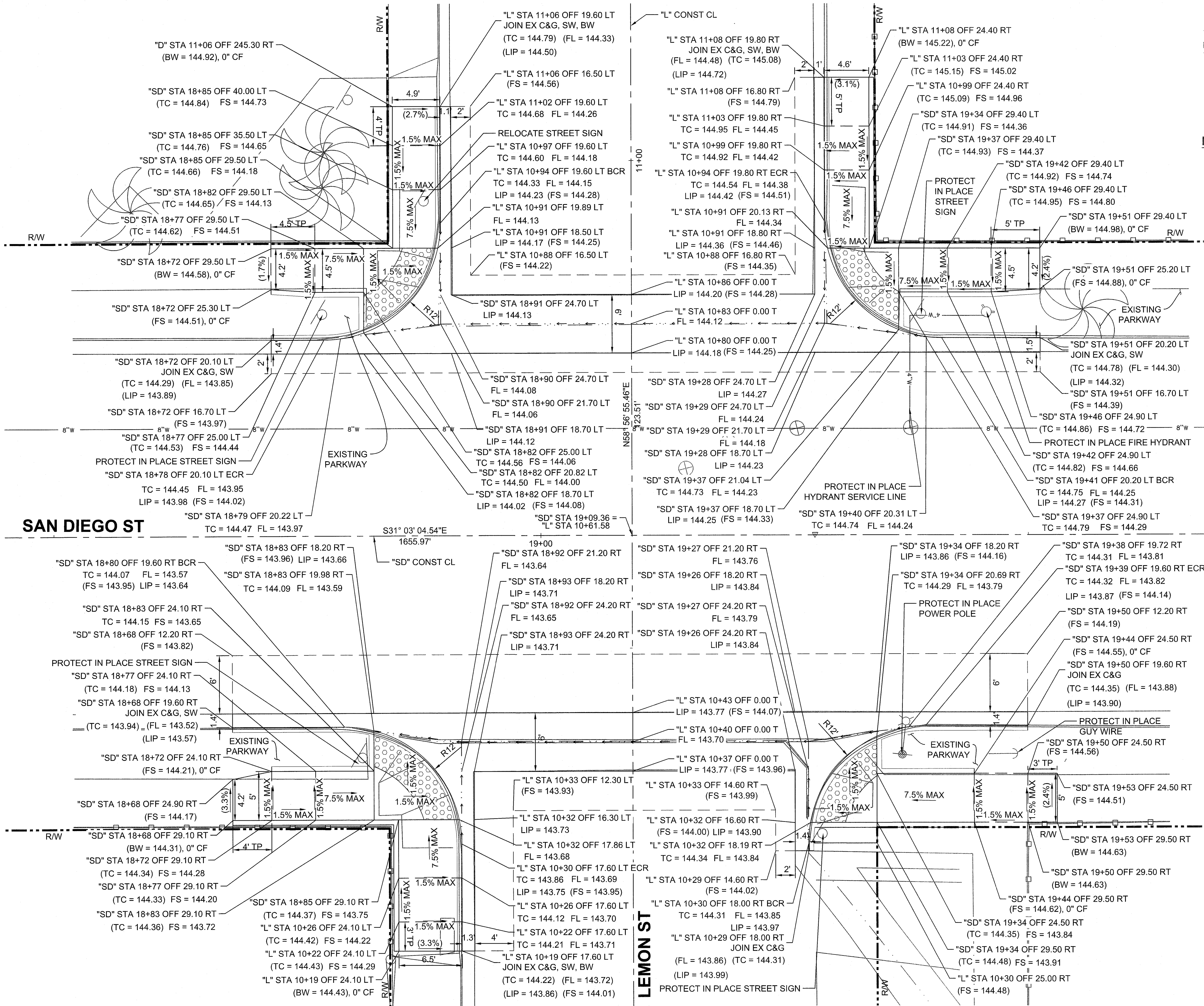
Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 9	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		11-21-23 Date:
Prepared under the direction of: Record From: SIGN: NAME: MARKOS LEGESSE	11/17/23 DATE	Reviewed By: CD-04 R23-00028

DWG Name: N:\Shored\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD107.dwg Plotted by: Emmakatz on Nov 17, 2023 - 14:44:53



LEGEND

DETECTABLE		SAWCUT LINE	---
WARNING SURFACE		CENTERLINE	---
		RIGHT OF WAY	---
		FLOWLINE	---

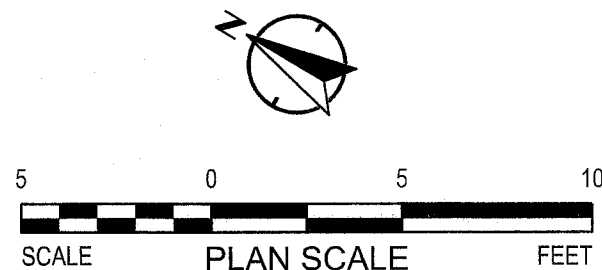
NOTES:

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- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
- ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.
- ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT HIS EXPENSE.

6

SAN DIEGO ST AT LEMON ST

SCALE: 1" = 5'



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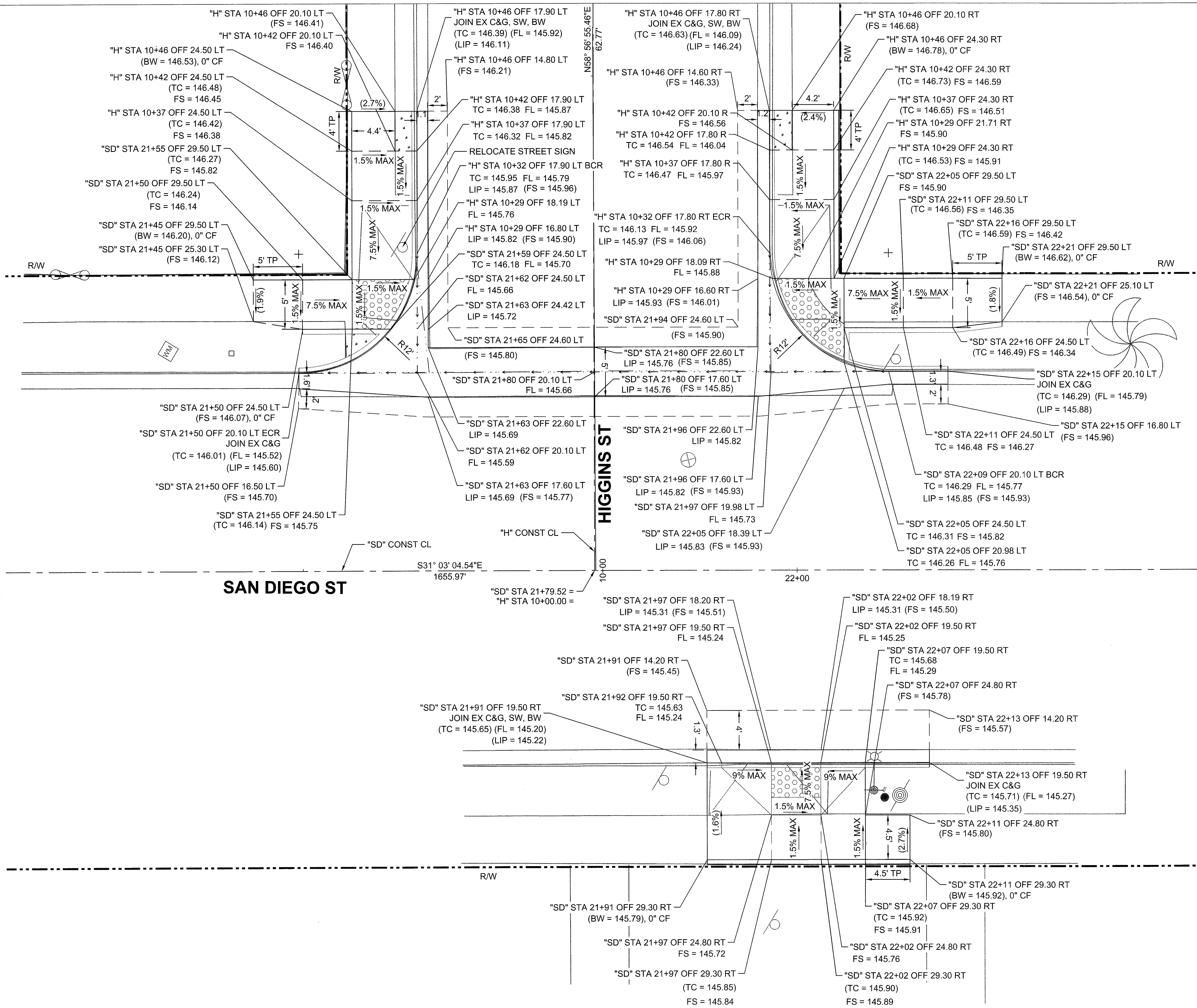
NO.	DESCRIPTION	APPVD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev.: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 10	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS, P.E. 60907 Date: 11-21-23		
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23 DATE	PLAN NUMBER CD-05 R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD108.dwg Plotted by: Emmakatz on Nov 17, 2023 - 12:48:42



LEGEND

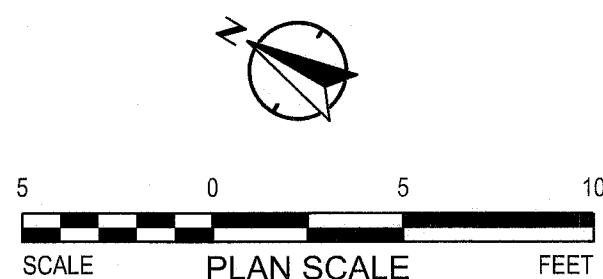
LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
		RIGHT OF WAY	
		FLOWLINE	

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
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7 SAN DIEGO ST AT HIGGINS ST

SCALE: 1" = 5'



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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

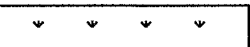
SHEET 11	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY <i>(Signature)</i> 11.11.23 CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date:		
Prepared under the direction of: SIGN: <i>(Signature)</i> NAME: MARKOS LEGESSE	Reviewed By: 11/17/23 11/20/23	PLAN NUMBER CD-06 R23-00028

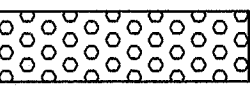
DWG Name: N:\Shored\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CA\01_Plans\2023-067_CD109.dwg Plotted by: Enmakatz on Nov 17, 2023 - 12:49:07


LEGEND


LANDSCAPING (TYPE SPECIFIED IN PLANS)

DETECTABLE WARNING SURFACE









SAWCUT LINE

CENTERLINE

RIGHT OF WAY

FLOWLINE

- NOTES:
1.

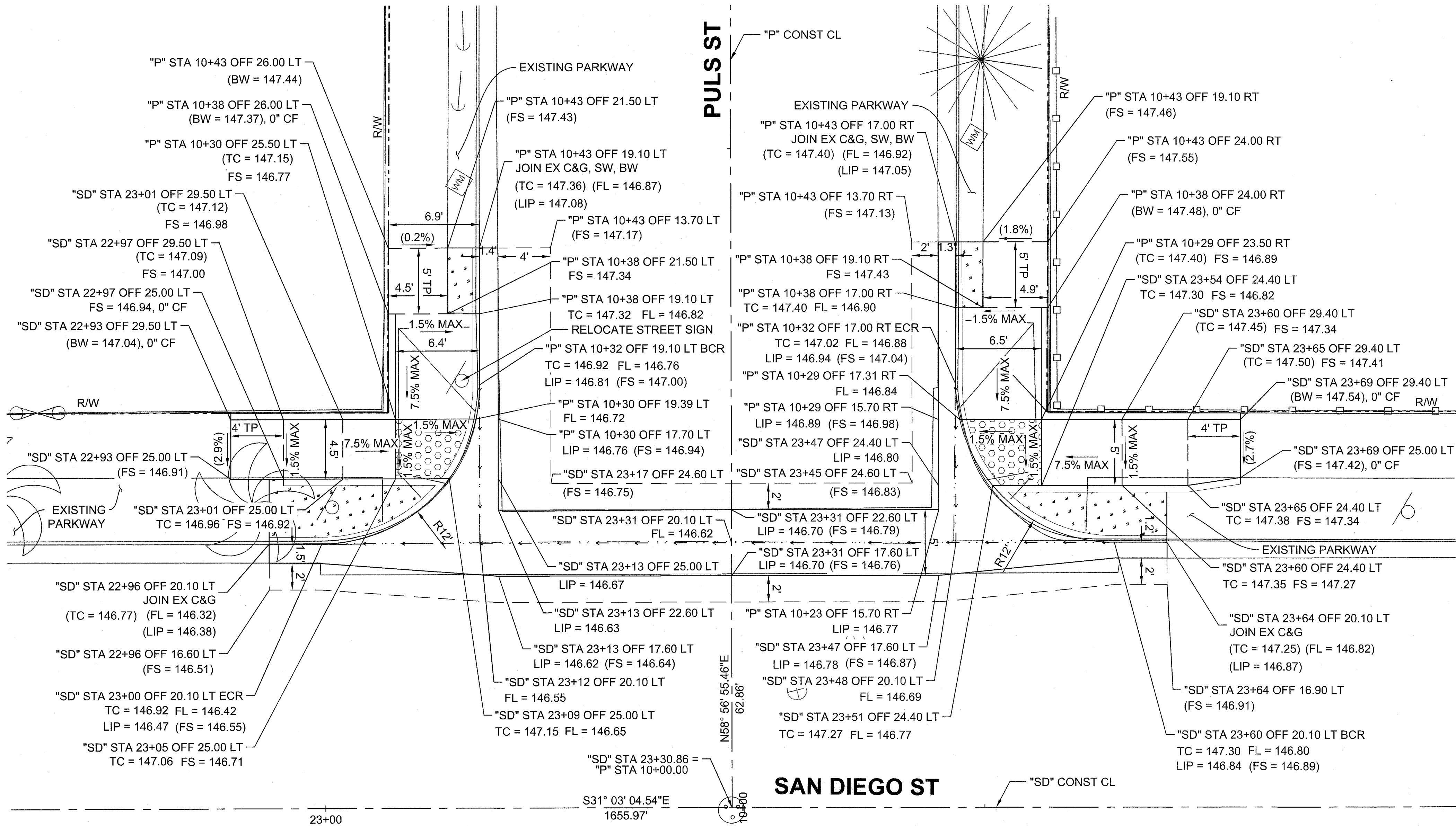
FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
2.

LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
3.

PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
4.

ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.
5.

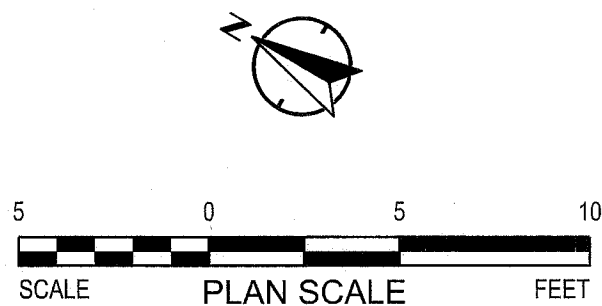
ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT HIS EXPENSE.



8

SAN DIEGO ST AT E PULS ST

SCALE: 1" = 5'



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NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

Record From: 11/17/23

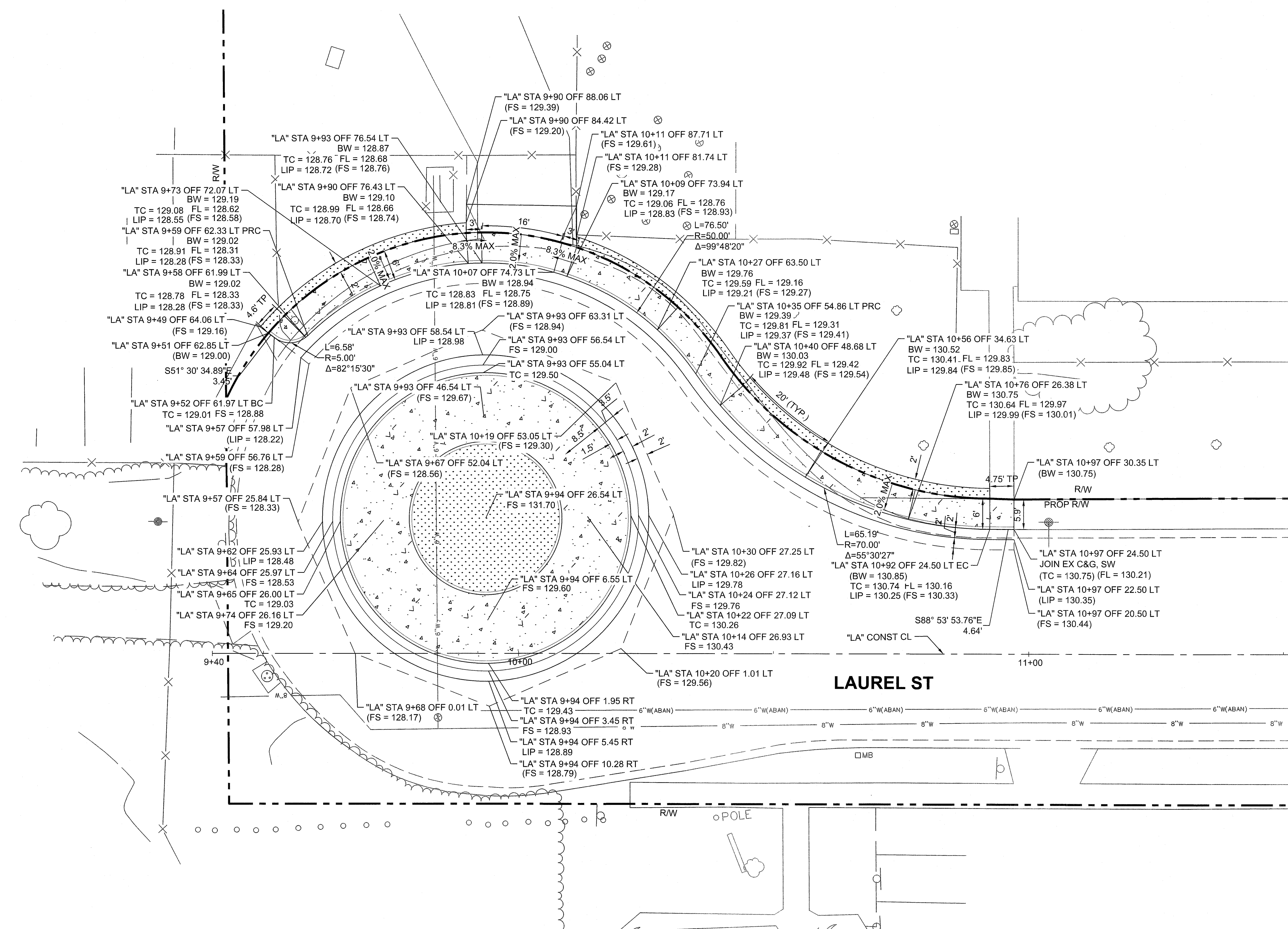
Elev: 120.99 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 12	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details		
LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN		
CIVIL DETAILS		
ACCEPTED BY		
11-21-23		
CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		
Date:		
Prepared under the direction of:	Reviewed By:	PLAN NUMBER
11/17/23	11/20/23	CD-07
NAME: MARKOS LEGESSE	DATE:	R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067_Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD101.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 12:49:50



LEGEND	
LANDSCAPING (TYPE SPECIFIED IN PLANS)	SAWCUT LINE
PORTLAND CEMENT CONCRETE	CENTERLINE
	RIGHT OF WAY
	FLOWLINE

- NOTES:
- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
 - LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
 - PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
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 - ALL CONCRETE CURB AND GUTTER, AND PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO INSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT HIS EXPENSE.

10 LAUREL ELEMENTARY SCHOOL TRAFFIC CIRCLE

SCALE: 1" = 8'

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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 14	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details		
LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN		
CIVIL DETAILS		
ACCEPTED BY		
CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		
Date: 11-21-23		
Prepared under the direction of:	Reviewed By:	PLAN NUMBER
Sign: M.L.L.	11/17/23	CD-09
NAME: MARKOS LEGESSE	DATE	R23-00028

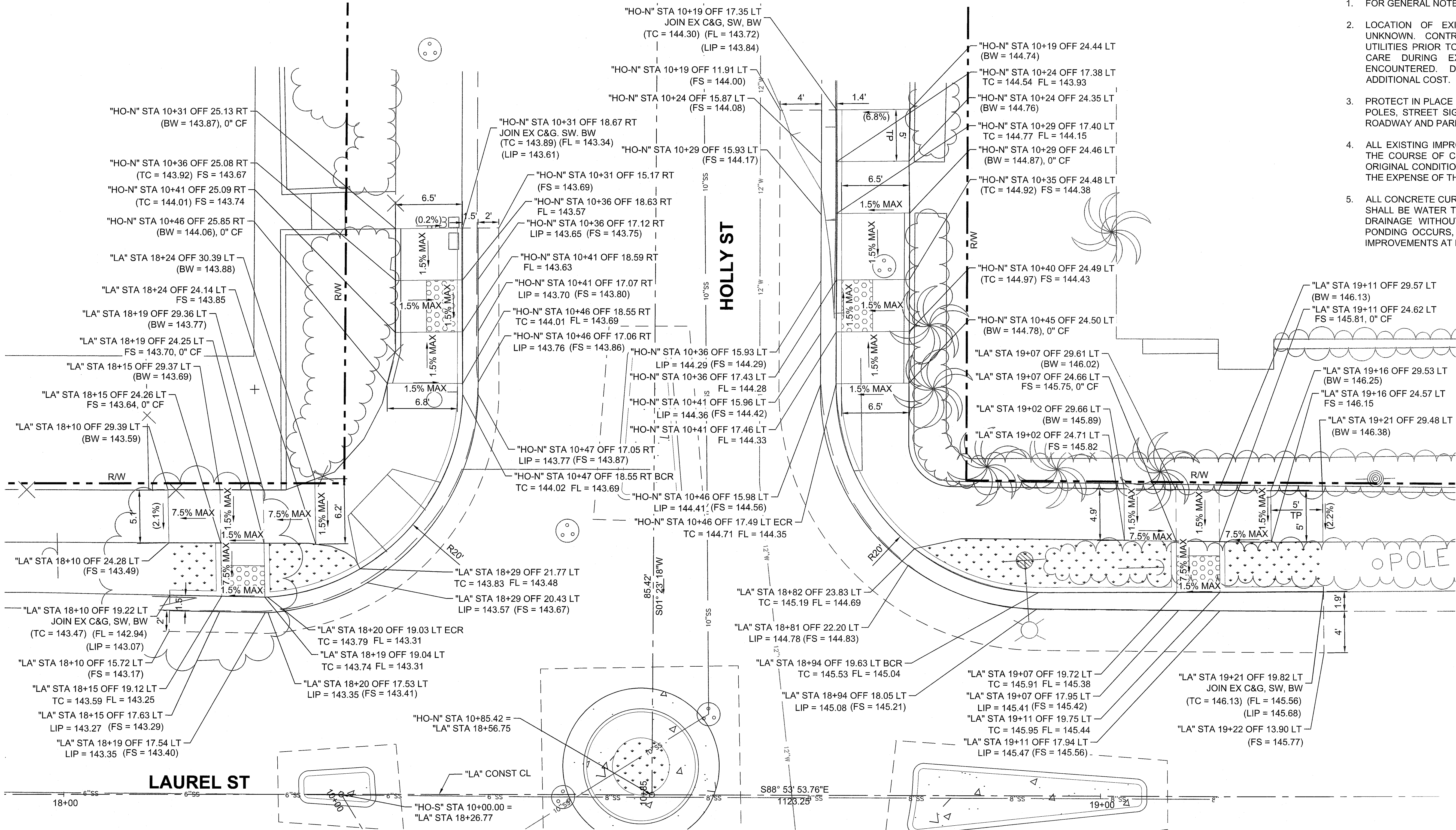
DWG Name: N:\Shared\PROJECTS\2023\00-2023-067-Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD102.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 12:50:19

LEGEND

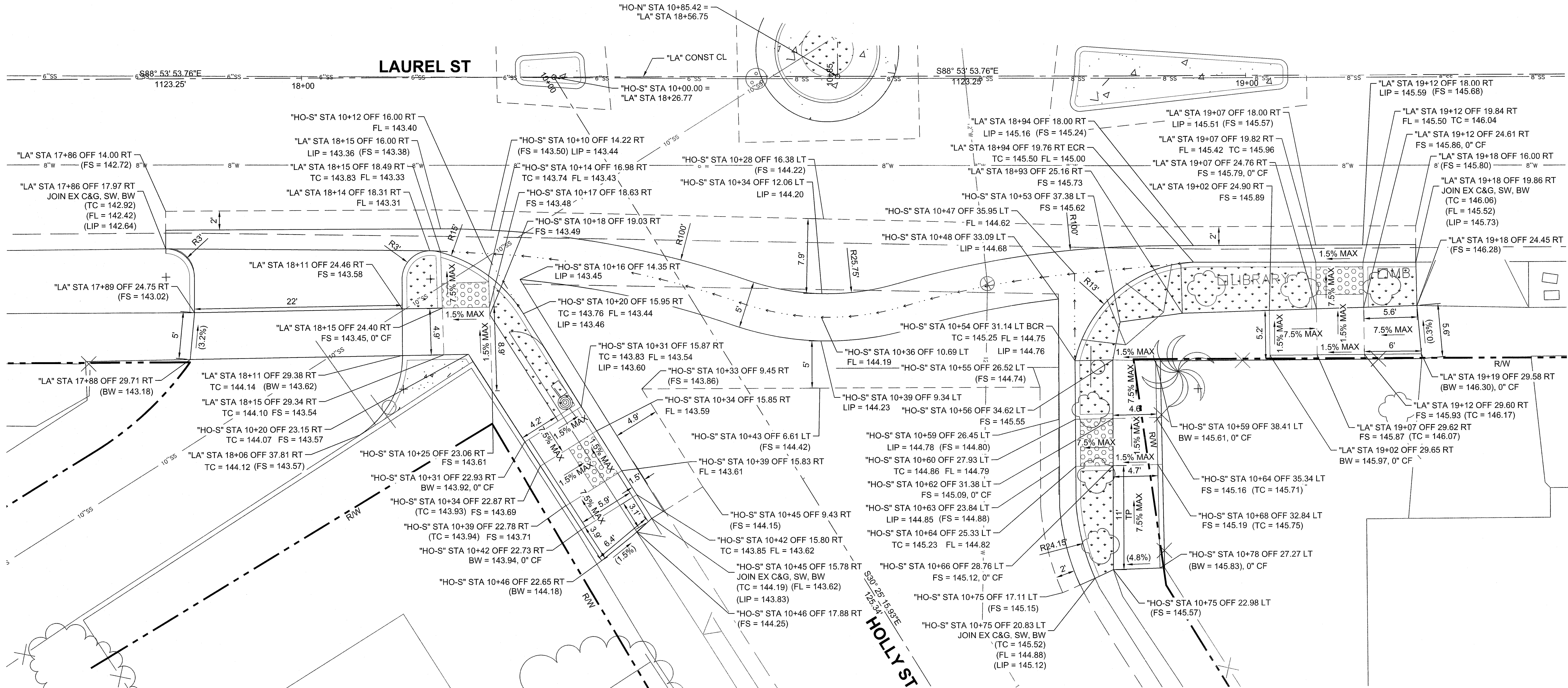
LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
		RIGHT OF WAY	
		FLOWLINE	

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
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- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, SIDEWALK, STREET LIGHT POLES, STREET SIGNS DRIVEWAYS, TREES, AND EXISTING IMPROVEMENTS IN ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
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DWG Name: N:\Shored\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD102.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 12:50:31



12 LAUREL ST AT HOLLY ST - SE & SW CORNERS

SCALE: 1" = 5'

LEGEND

LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
		RIGHT OF WAY	
		FLOWLINE	

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
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NO.	DESCRIPTION	APP'D	DATE

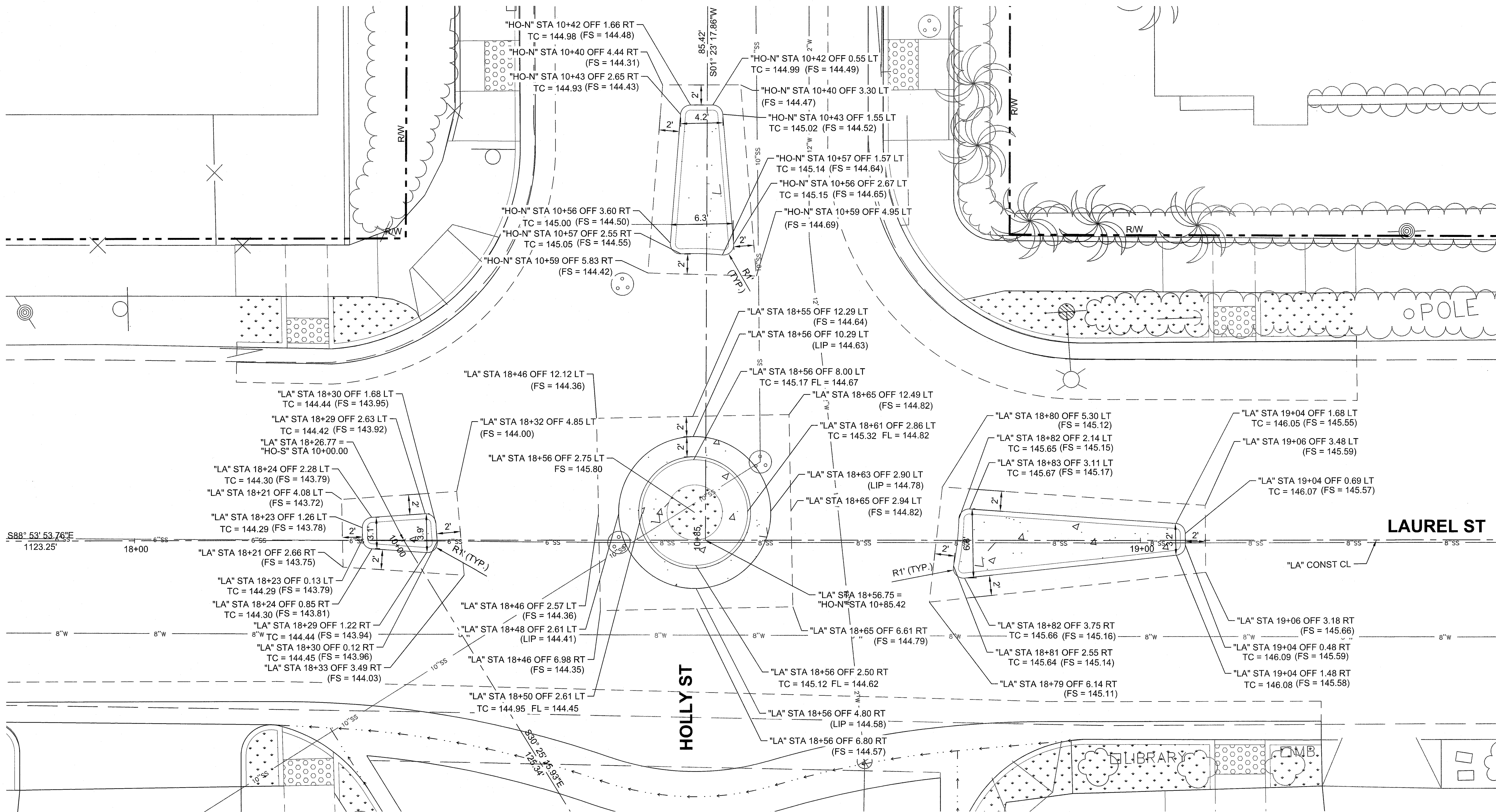


Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 16	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER, BRIAN K. THOMAS P.E. 60907		11.21.23 Date:
Prepared under the direction of: SGN: 11/17/23 NAME: MARKOS LEGESSE	Reviewed By: DATE: 11/20/23	PLAN NUMBER CD-11 R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD11.dwg Plotted by: Emmakatz on Nov 17, 2023 - 12:50:56



13 LAUREL ST AT HOLLY ST TRAFFIC CIRCLE AND MEDIANS
SCALE: 1" = 5'

LEGEND

LANDSCAPING (TYPE SPECIFIED IN PLANS)		SAWCUT LINE	
DETECTABLE WARNING SURFACE		CENTERLINE	
PORTLAND CEMENT CONCRETE		RIGHT OF WAY	
		FLOWLINE	

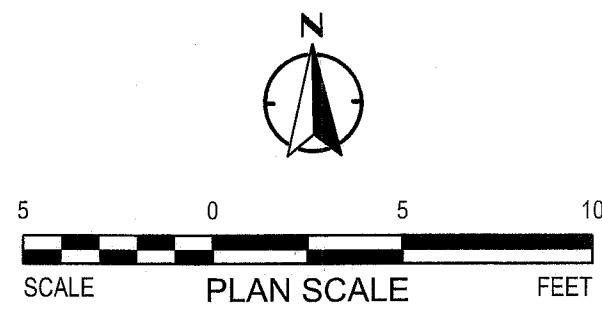
NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE SHEETS T-01 AND ND-01.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AND DEPTH ARE UNKNOWN. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO THE START OF EXCAVATION. CONTRACTOR SHALL TAKE CARE DURING EXCAVATION AND PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
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NO.	DESCRIPTION	APP'VD	DATE

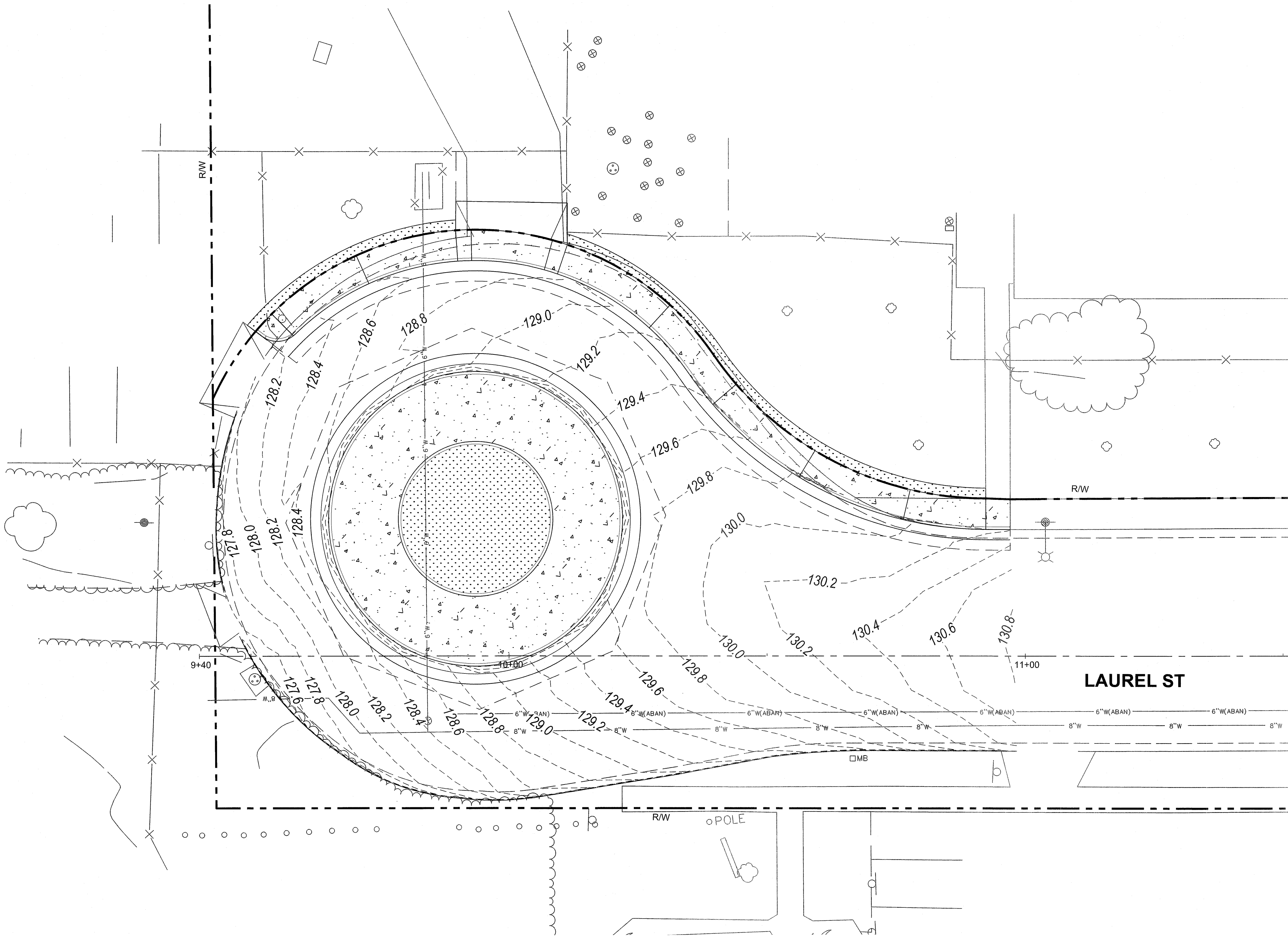


Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 17	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11/21/23		
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23 DATE	PLAN NUMBER CD-12 R23-00028

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary_SRTS\CAD\01_Plans\2023-067_CD112.dwg Plotted by: Emmekatz on Nov 17, 2023 - 12:51:18



LEGEND

LANDSCAPING (TYPE SPECIFIED IN PLANS)

PORTLAND CEMENT CONCRETE

SAWCUT LINE

CENTERLINE

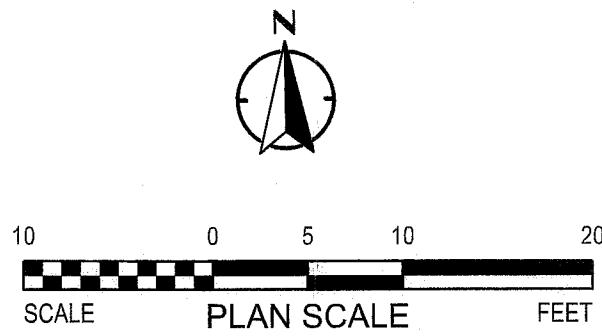
RIGHT OF WAY

FLOWLINE

14

LAUREL ELEMENTARY SCHOOL TRAFFIC CIRCLE CONTOURS

SCALE: 1" = 10'



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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL

Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET

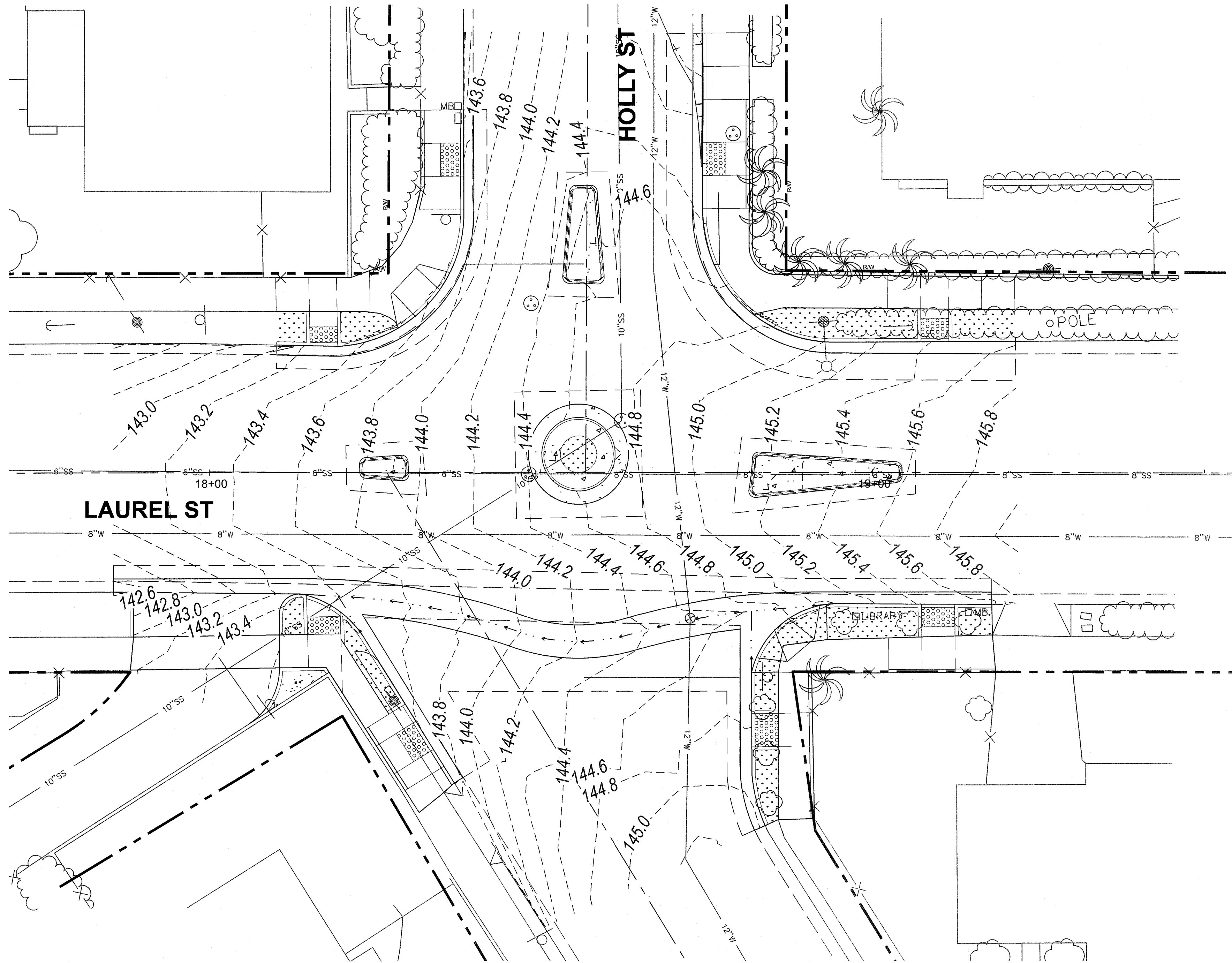
Record From: Elev. 120.99 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013

Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 18	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		Date: 11.21.23
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE		Reviewed By: LC 11/20/23 PLAN NUMBER CD-13 R23-00028

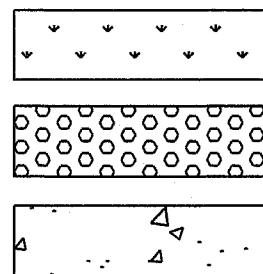
DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_CD113.dwg Plotted by: Emmokatz on Nov 17, 2023 - 12:51:44



15 LAUREL ST AT HOLLY ST TRAFFIC CIRCLE AND MEDIANS CONTOURS
SCALE: 1" = 10'

LEGEND

LANDSCAPING (TYPE SPECIFIED IN PLANS)
DETECTABLE WARNING SURFACE
PORTLAND CEMENT CONCRETE

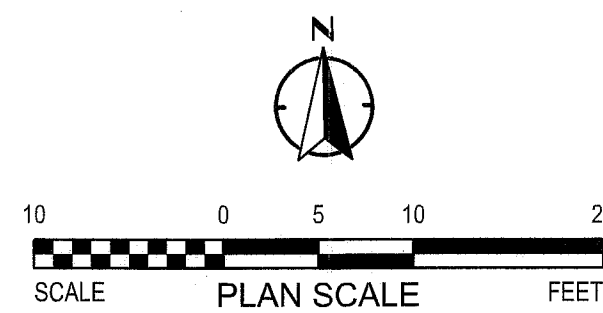


SAWCUT LINE

CENTERLINE

RIGHT OF WAY

FLOWLINE



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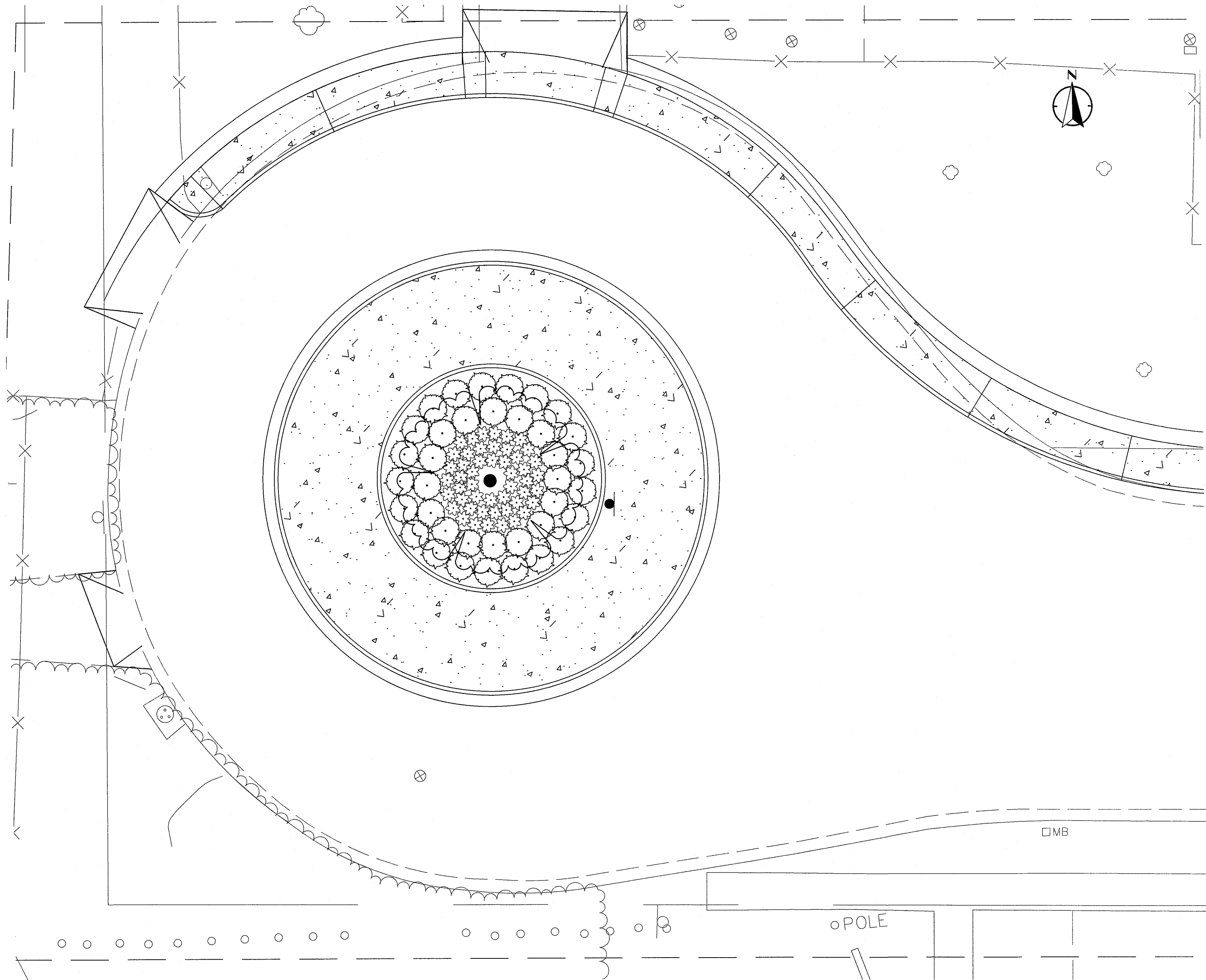
NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

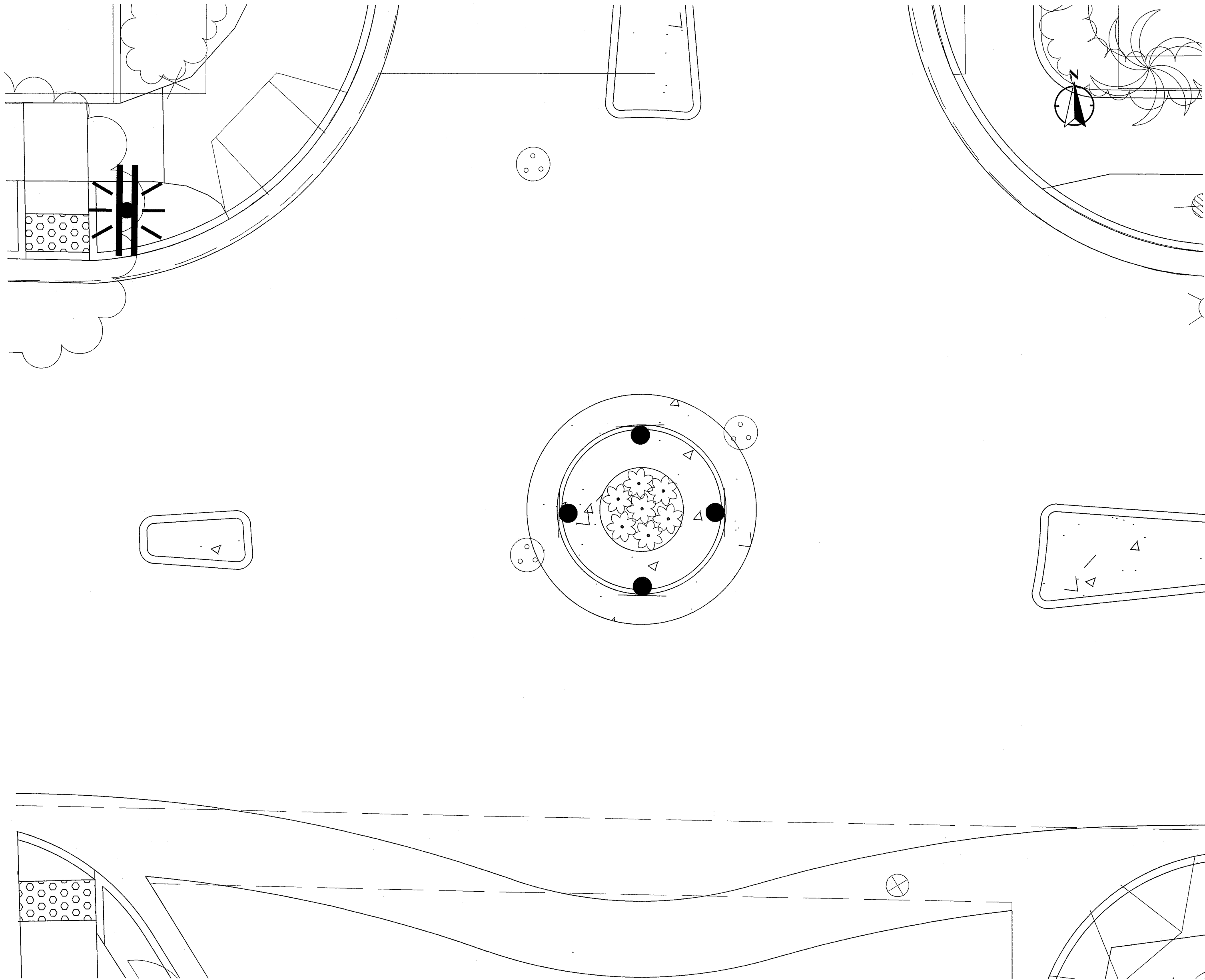
WDID NO. N/A FILE NO. CIP22-00003

SHEET 19	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN CIVIL DETAILS		
ACCEPTED BY <i>[Signature]</i> CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		Date: 11/21/23
Prepared under the direction of: SIGN: <i>[Signature]</i> NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23	PLAN NUMBER CD-14 R23-00028

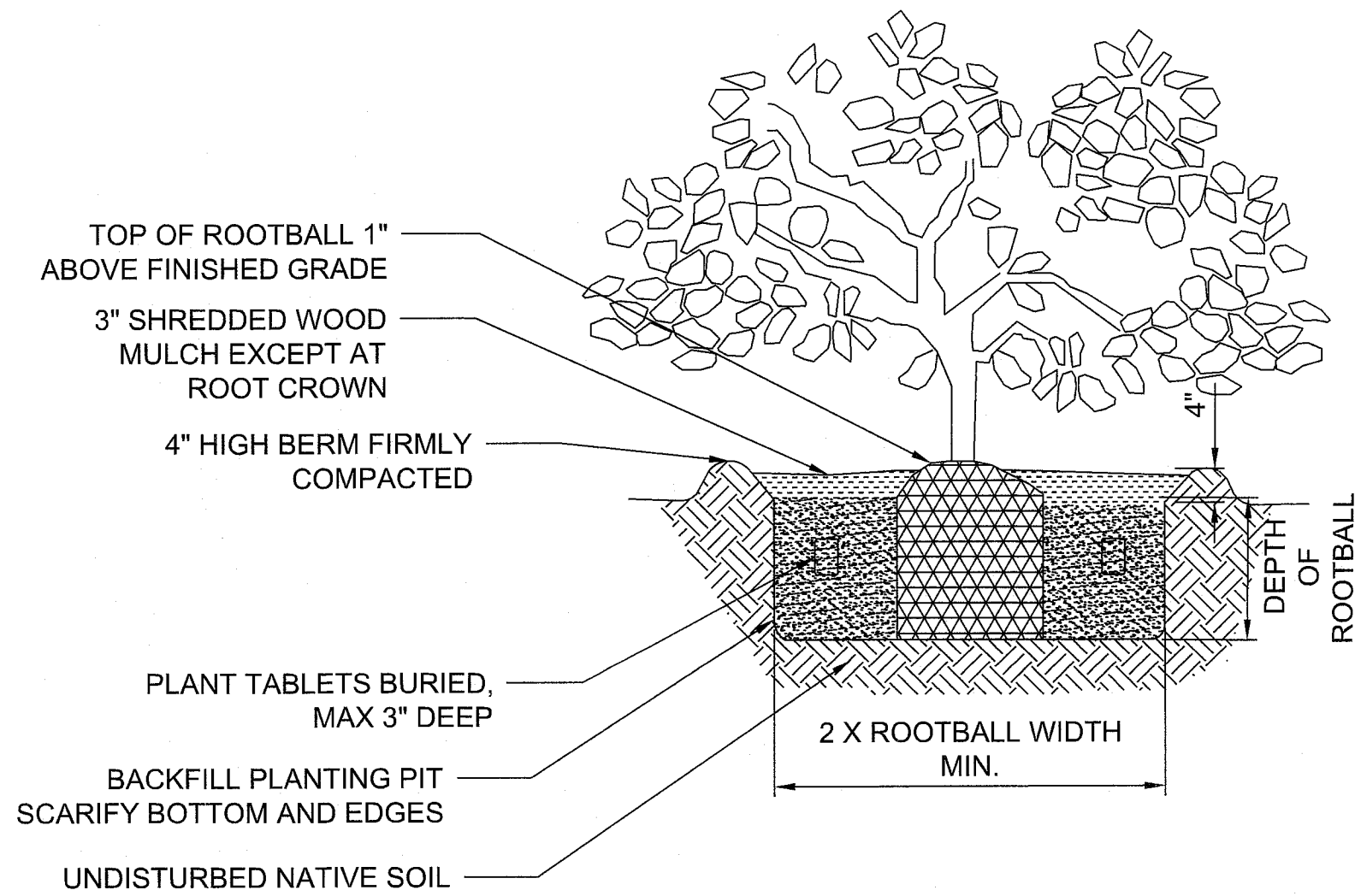
DWG Name: N:\Shored\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_C-DET.dwg Plotted by: Emmakatz on Nov 17, 2023 - 13:28:02



1 LAUREL STREET AT CUL DE SAC TRAFFIC CIRCLE
SCALE: 1" = 10'



2 LAUREL STREET AT HOLLY STREET TRAFFIC CIRCLE
SCALE: 1" = 5'



3 TRAFFIC CIRCLE LANDSCAPING
NOT TO SCALE

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	H X W	NOTES	QTY
TREES							
	BA	Brahea armata	Mexican Blue Palm	36" Box	12' X 25'	Low	1
SHRUBS							
	AM	Aloe maculata	Soap Aloe	1 gal.	1' X 2'	Very Low	56
	EE	Epilobium canum latifolium 'Everett's Choice'	Everett's California Fuchsia	5 gal.	6" X 4'-0"	Low	37

NOTE: ALL EXPOSED SOIL WILL RECEIVE
A 3" LAYER OF MEDIUM BARK MULCH

WDID NO. N/A FILE NO. CIP22-00003

SHEET 20	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN LANDSCAPE DETAILS		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		Date: 11-20-23
Prepared under the direction of: SIGN: NAME: MARKOS LEGESSE	Record From: Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013 Datum: OCEANSIDE	Reviewed By: LC 11/20/23 DATE
PLAN NUMBER LD-01 R23-00028		

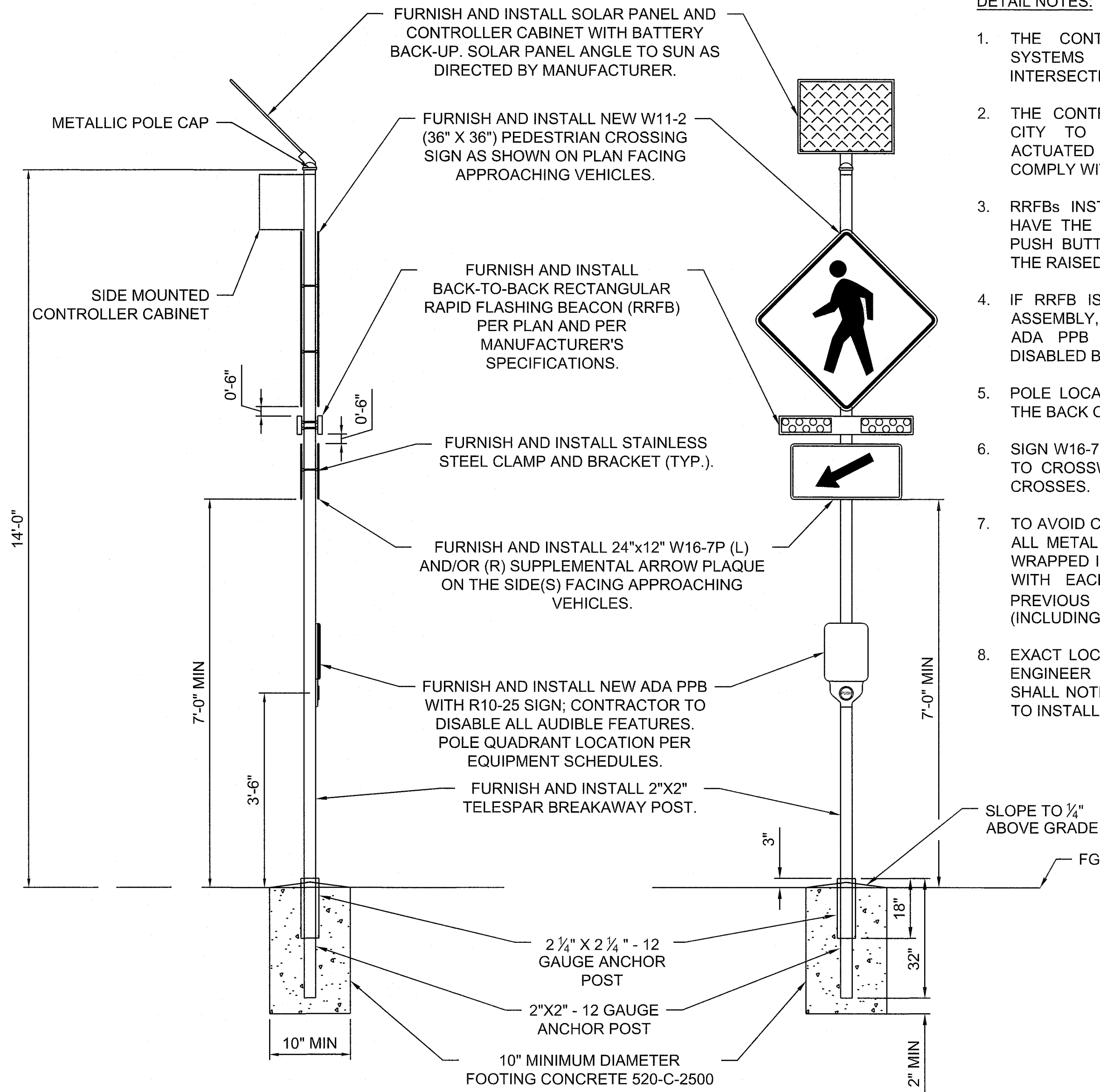
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NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH
MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067-Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067-T-SIG.dwg Plotted by: Enmakatz on Nov 17, 2023 - 12:52:40



DETAIL NOTES:

1. THE CONTRACTOR SHALL ACTUATE ALL RRFB SYSTEMS AT ALL CROSSWALKS AT THE INTERSECTION WHERE INSTALLED.
2. THE CONTRACTOR SHALL COORDINATE WITH THE CITY TO DETERMINE THE LENGTH OF EACH ACTUATED FLASHING PHASE. THE DURATION SHALL COMPLY WITH THE CAMUTCD AND CITY STANDARDS.
3. RRFBs INSTALLED WITHIN RAISED MEDIANS SHALL HAVE THE MOUNTING HEIGHT OF THE PEDESTRIAN PUSH BUTTONS LOWERED BY A HEIGHT EQUAL TO THE RAISED MEDIAN CURB HEIGHT.
4. IF RRFB IS CONNECTED TO PPB POST WITH APS ASSEMBLY, PROVIDE RRFB WITHOUT APS ASSEMBLY. ADA PPB SHALL HAVE ALL AUDIBLE FEATURES DISABLED BY CONTRACTOR.
5. POLE LOCATION SHALL BE MINIMUM OF 2.5' BEHIND THE BACK OF CURB.
6. SIGN W16-7P TO BE ORIENTED FOR ARROW TO POINT TO CROSSWALK THAT APPROACHING TRAVEL LANE CROSSES.
7. TO AVOID CONCRETE INTRUSION IN THE POST HOLES, ALL METAL IN CONTACT WITH CONCRETE SHALL BE WRAPPED IN 10 MIL POLYETHYLENE WRAPPING TAPE WITH EACH WRAP OF TAPE TO OVERLAP THE PREVIOUS WRAP BY $\frac{1}{3}$ THE WIDTH OF THE TAPE (INCLUDING THE BOTTOM).
8. EXACT LOCATION OF RRFB SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. CONTRACTOR SHALL NOTIFY ENGINEER AT LEAST 48 HOURS PRIOR TO INSTALLATION.

1 RRFB DETAIL
NOT TO SCALE

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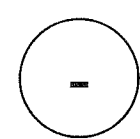
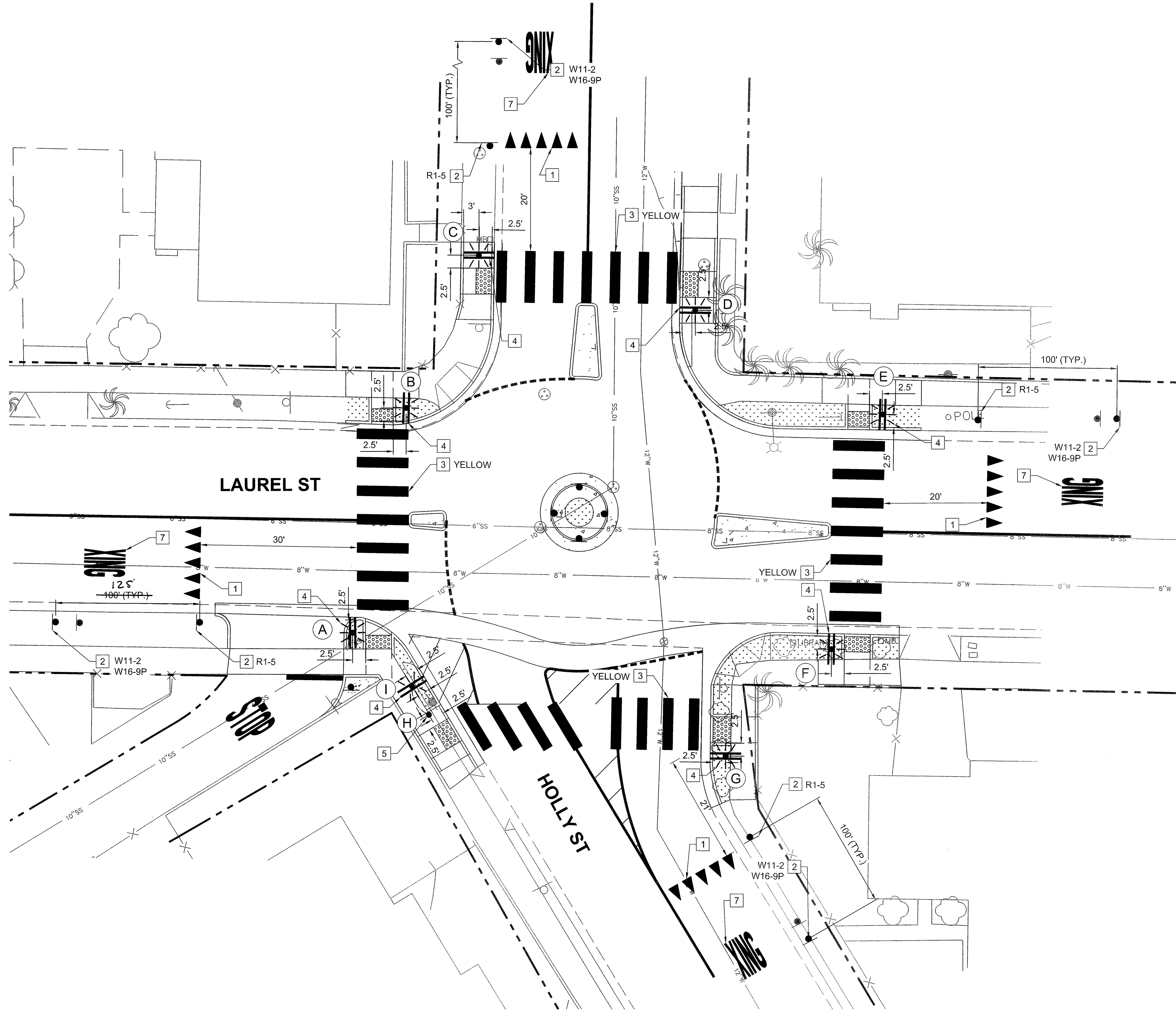
NO.	DESCRIPTION	APPVD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

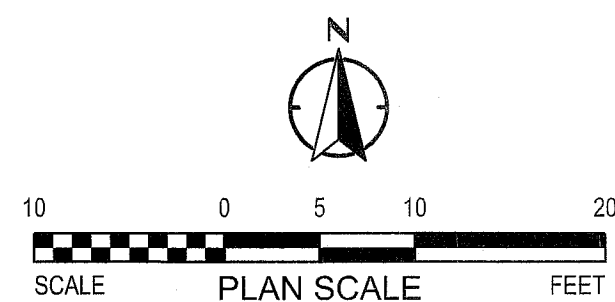
SHEET 21	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNAL DETAILS		
ACCEPTED BY <i>[Signature]</i> CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11-2-23		
Prepared under the direction of: <i>[Signature]</i> NAME: MARKOS LEGESSE	Reviewed By: <i>[Signature]</i> DATE: 11/17/23	PLAN NUMBER TS-01 R23-00028

DWG Name: N:\Shored\PROJECTS\2023\00-2023-067-Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_T-SIG.dwg Plotted by: Emmakatz on Nov 17, 2023 - 12:52:48



RRFB INSTALLATION PLAN - HOLLY ST TRAFFIC CIRCLE

SCALE: 1" = 10'

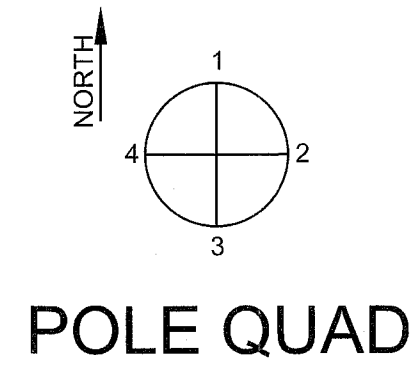


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POLE AND EQUIPMENT SCHEDULE

POLE	POLE			APS	DESCRIPTION
	TYPE	HEIGHT	FOUNDATION DETAIL	QUADRANT	
(A)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	3	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(B)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	4	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(C)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	4	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(D)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	1	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(E)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	1	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(F)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	2	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(G)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	2	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(H)	PPB POST	4'-7" 4'-0"	1'-6" DEPTH 1'-6" Ø	3	PPB POST WITH APS CONNECTED TO POLE D WITH 1" CONDUIT
(I)	2"X2" TELES PAR	14'-0"	2'-7" DEPTH 10" Ø	2	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01



LEGEND

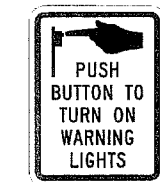


DOUBLE-SIDED RRFB

CONDUIT



R1-5
(36" x 36")
POLE MOUNTED



R10-25
(9" x 12")
POLE MOUNTED



W11-2
(36" x 36")
POLE MOUNTED



W16-7P
(24" x 12")
POLE MOUNTED



W16-9P
(24" x 12")
POLE MOUNTED

CONSTRUCTION NOTES:

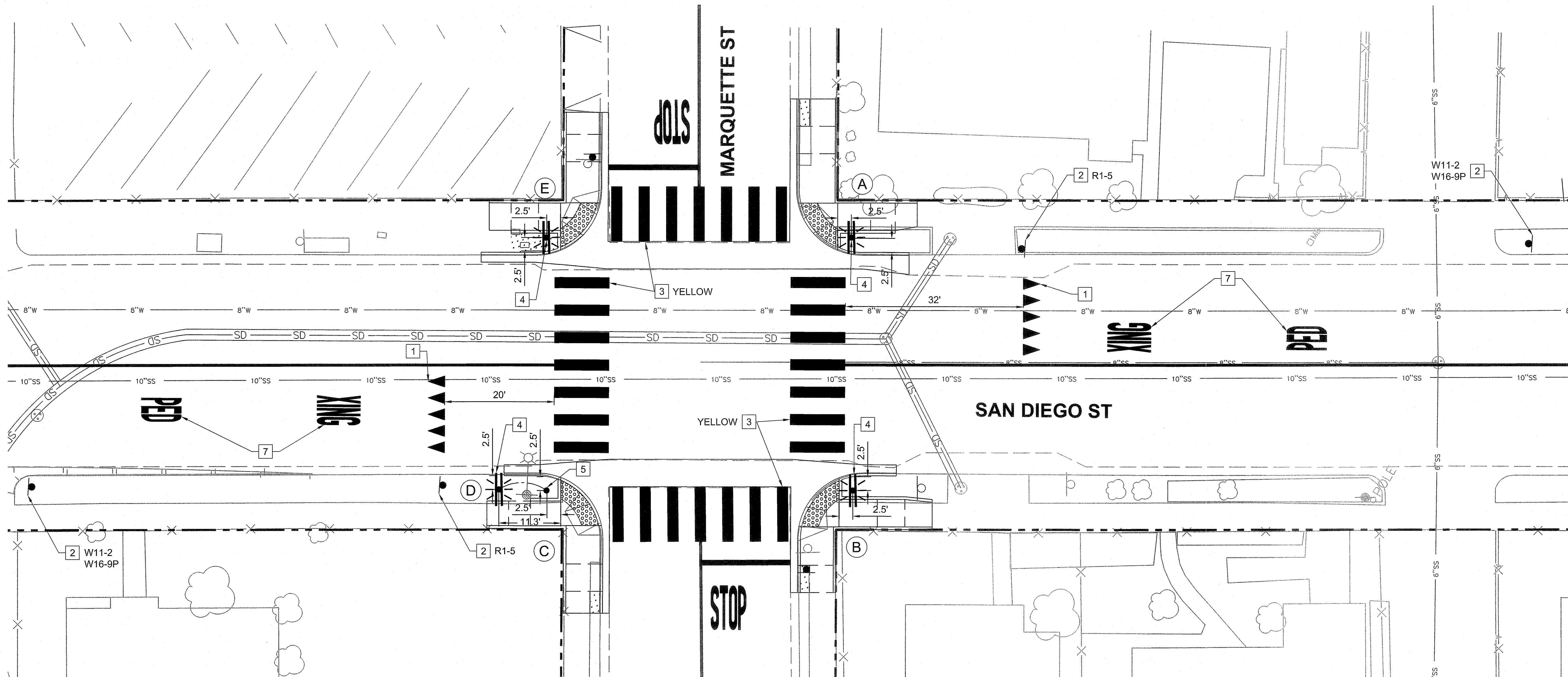
- INSTALL YIELD LINE PER CALTRANS STD. PLAN A24E.
- FURNISH AND INSTALL NEW SIGN AND POST.
- INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLAN.
- FURNISH AND INSTALL WIRELESS SOLAR, LED RECTANGULAR RAPID FLASHING BEACON (RRFB) CROSSWALK SYSTEM ON NEW CONTRACTOR FURNISHED AND INSTALLED TELES PAR POST PER DETAIL 1, SHEET TS-01. CONTRACTOR MUST GET ENGINEER APPROVAL OF LOCATION BEFORE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT NOT LIMITED TO: SOLAR PANEL, BATTERY, AND CONTROLLER WITH RADIO COMMUNICATION CAPABILITY. FURNISH AND INSTALL RRFB [DOUBLE-SIDED]. FURNISH AND INSTALL NEW ADA PPB, WITH R10-25 SIGNAGE. PUSH BUTTON SHALL BE LOCATED ON POLE QUADRANT PER POLE SCHEDULE, THIS SHEET. FURNISH AND INSTALL W11-2 "PEDESTRIAN XING" SIGN AND W16-7P "ARROW" SIGN [DOUBLE-SIDED]. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS IN THE FIELD WITH THE CITY INSPECTOR PRESENT. ADA PPB SHALL HAVE ALL AUDIBLE FEATURES DISABLED BY CONTRACTOR.
- FURNISH AND INSTALL ADA PPB ON PPBP WITH R10-25 SIGN PER CALTRANS STD. PLAN ES-7A, DETAIL B. CONTRACTOR TO DISABLE ALL AUDIBLE FEATURES. INSTALL 1" CONDUIT AND CONDUCTORS FROM RRFB TO PPBP. CONTRACTOR TO DETERMINE CONDUIT LOCATION.
- INSTALL PAVEMENT MARKING AS SHOWN ON PLANS PER 2015 CALTRANS STD. PLAN A24D.

WDID NO. N/A FILE NO. CIP22-00003

SHEET 22	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNAL PLANS		
ACCEPTED BY <i>Brian K. Thomas</i> CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11/22/23		
Prepared under the direction of: SIGN: <i>M. Legesse</i> NAME: MARKOS LEGESSE	Reviewed By: 11/17/23 DATE	PLAN NUMBER TS-02 R23-00028

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL.
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

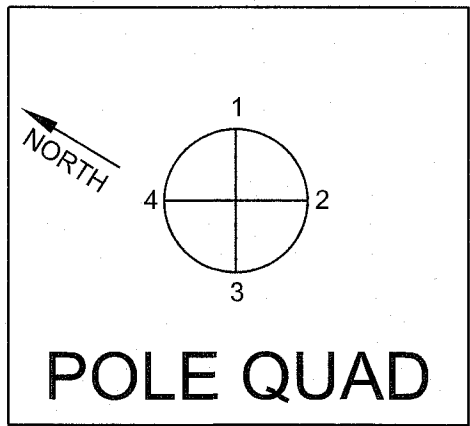
DWG Name: N:\Shared\PROJECTS\2023\00-2023-067 Oceanside, CA Laurel Elementary SRTS\CAD\01_Plan\2023-067_J-SIG.dwg Plotted by: EmmaKatz on Nov 17, 2023 - 12:52:58



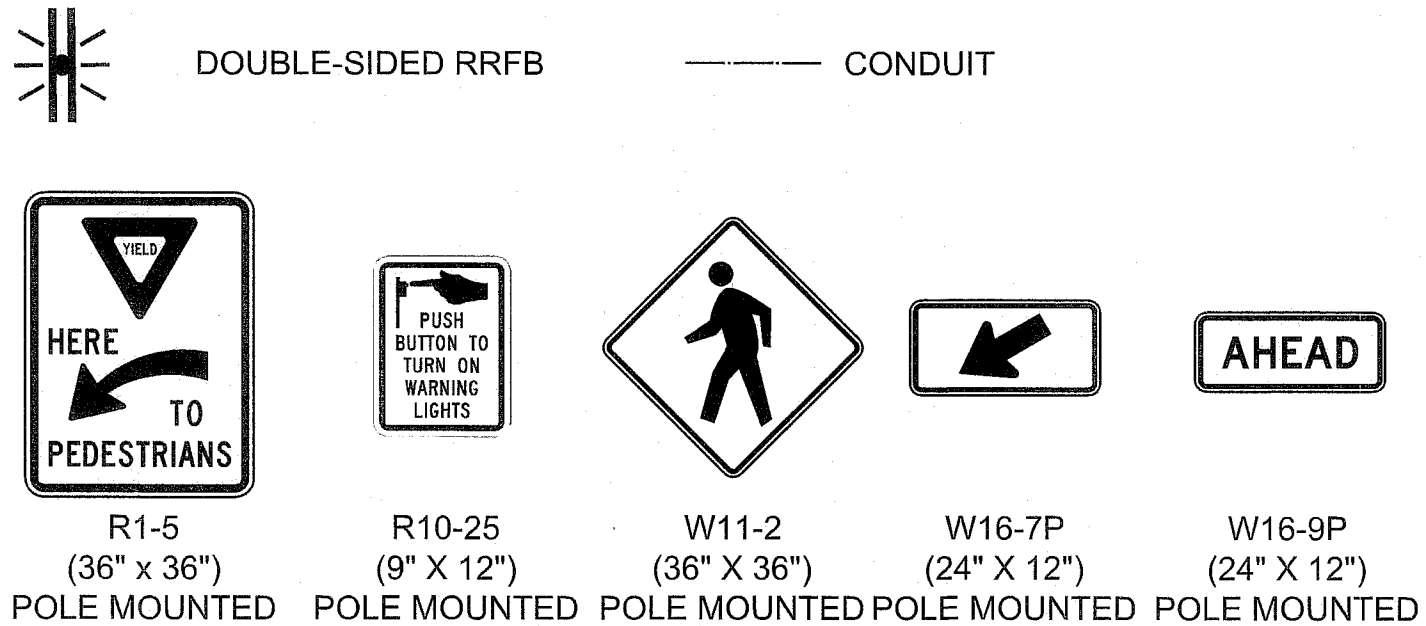
RRFB INSTALLATION PLAN - SAN DIEGO ST AND MARQUETTE ST INTERSECTION
SCALE: 1" = 10'

POLE AND EQUIPMENT SCHEDULE

POLE	POLE			APS	DESCRIPTION
	TYPE	HEIGHT	FOUNDATION DETAIL		
(A)	2"x2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	1	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(B)	2"x2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	2	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(C)	PPB POST	14'-0"	1'-6" DEPTH 1'-6" Ø	3	PPB POST WITH APS CONNECTED TO POLE D WITH 1" CONDUIT
(D)	2"x2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	3	DOUBLE-SIDED RRFB. SEE DETAIL 1, SHEET TS-01
(E)	2"x2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	4	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01



LEGEND

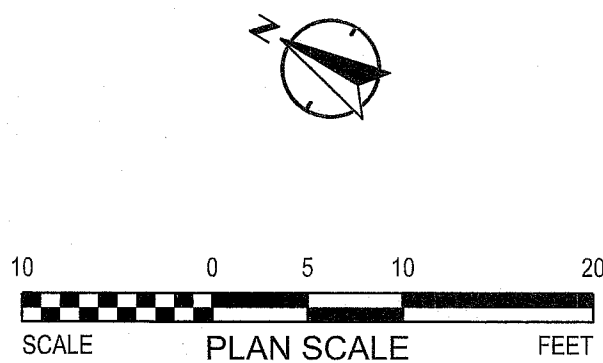


CONSTRUCTION NOTES:

- 1 INSTALL YIELD LINE PER CALTRANS STD. PLAN A24E.
- 2 FURNISH AND INSTALL NEW SIGN AND POST.
- 3 INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLAN.
- 4 FURNISH AND INSTALL WIRELESS SOLAR, LED RECTANGULAR RAPID FLASHING BEACON (RRFB) CROSSWALK SYSTEM ON NEW CONTRACTOR FURNISHED AND INSTALLED TELESPAR POST PER DETAIL 1, SHEET TS-01. CONTRACTOR MUST GET ENGINEER APPROVAL OF LOCATION BEFORE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT NOT LIMITED TO: SOLAR PANEL, BATTERY, AND CONTROLLER WITH RADIO COMMUNICATION CAPABILITY. FURNISH AND INSTALL RRFB [DOUBLE-SIDED]. FURNISH AND INSTALL NEW ADA PPB, WITH R10-25 SIGNAGE. PUSH BUTTON SHALL BE LOCATED ON POLE QUADRANT PER POLE SCHEDULE, THIS SHEET. FURNISH AND INSTALL W11-2 "PEDESTRIAN XING" SIGN AND W16-7P "ARROW" SIGN [DOUBLE-SIDED]. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS IN THE FIELD WITH THE CITY INSPECTOR PRESENT. ADA PPB SHALL HAVE ALL AUDIBLE FEATURES DISABLED BY CONTRACTOR.
- 5 FURNISH AND INSTALL ADA PPB ON PPBP WITH R10-25 SIGN PER CALTRANS STD. PLAN ES-7A, DETAIL B. CONTRACTOR TO DISABLE ALL AUDIBLE FEATURES. INSTALL 1" CONDUIT AND CONDUCTORS FROM RRFB TO PPBP. CONTRACTOR TO DETERMINE CONDUIT LOCATION.
- 7 INSTALL PAVEMENT MARKING AS SHOWN ON PLANS PER 2015 CALTRANS STD. PLAN A24D.

WDID NO. N/A FILE NO. CIP22-00003

SHEET 23	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNAL PLANS		
ACCEPTED BY <i>slw</i> CITY ENGINEER BRIAN K. THOMAS P.E. 60907		Date: 11.21.23
Prepared under the direction of: SIGN: <i>MLJ</i> 11/17/23 NAME: MARKOS LEGESSE		Reviewed By: <i>LC</i> 11/20/23 PLAN NUMBER TS-03 R23-00028



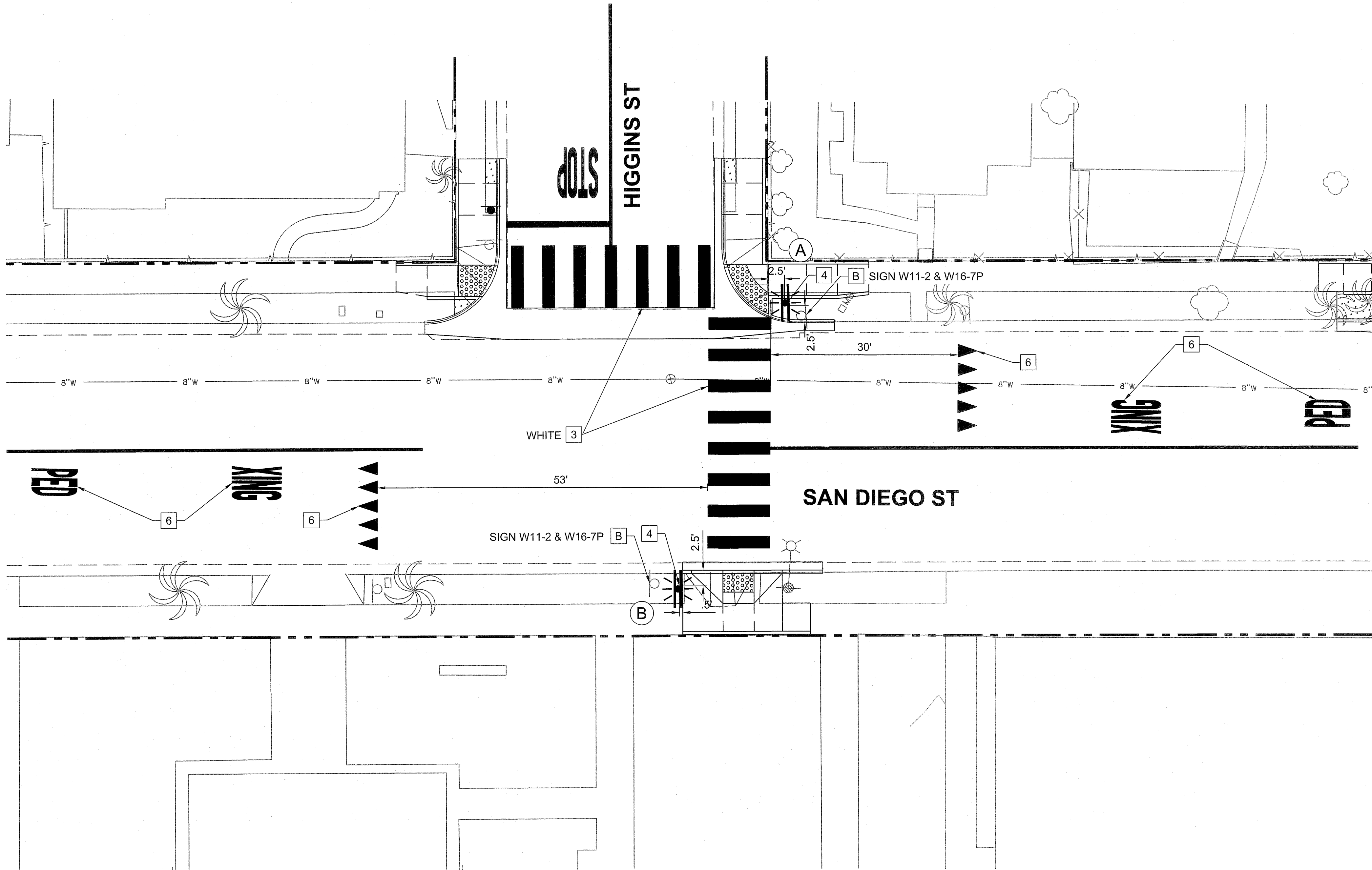
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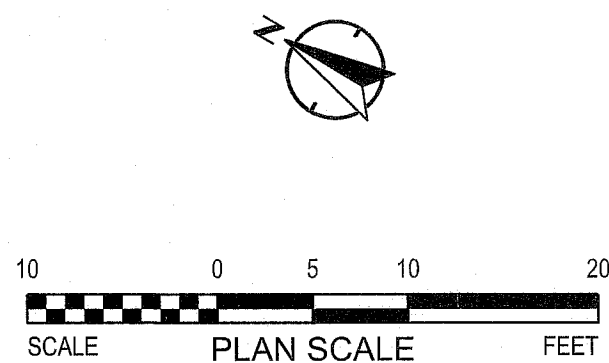
NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

DWG Name: N:\Shared\PROJECTS\2023\00-2023-067_T-SIG.dwg Plotted by: Emmakatz on Nov 17, 2023 12:53:03



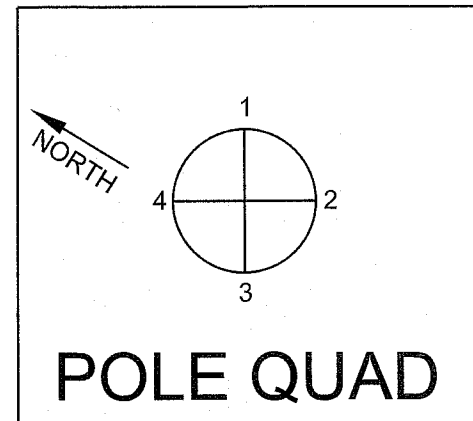
RRFB INSTALLATION PLAN - SAN DIEGO ST AND HIGGINS ST INTERSECTION
SCALE: 1" = 10'



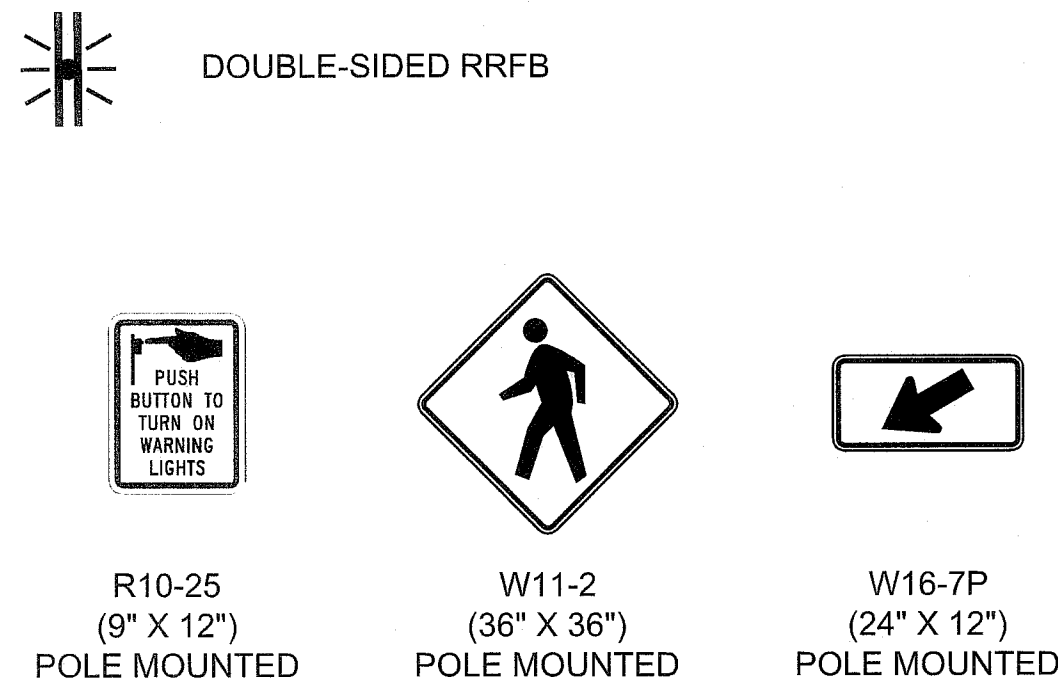
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POLE AND EQUIPMENT SCHEDULE					
POLE	POLE			APS	DESCRIPTION
	TYPE	HEIGHT	FOUNDATION DETAIL	QUADRANT	
(A)	2"X2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	1	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01
(B)	2"X2" TELESPAR	14'-0"	2'-7" DEPTH 10" Ø	3	DOUBLE-SIDED RRFB WITH ADA PPB. SEE DETAIL 1, SHEET TS-01



LEGEND



CONSTRUCTION NOTES:

- FURNISH AND INSTALL NEW SIGN AND POST.
- INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLAN.
- FURNISH AND INSTALL WIRELESS SOLAR, LED RECTANGULAR RAPID FLASHING BEACON (RRFB) CROSSWALK SYSTEM ON NEW CONTRACTOR FURNISHED AND INSTALLED TELESPAR POST PER DETAIL 1, SHEET TS-01. CONTRACTOR MUST GET ENGINEER APPROVAL OF LOCATION BEFORE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT NOT LIMITED TO: SOLAR PANEL, BATTERY, AND CONTROLLER WITH RADIO COMMUNICATION CAPABILITY. FURNISH AND INSTALL RRFB [DOUBLE-SIDED]. FURNISH AND INSTALL NEW ADA PPB, WITH R10-25 SIGNAGE. PUSH BUTTON SHALL BE LOCATED ON POLE QUADRANT PER POLE SCHEDULE, THIS SHEET. FURNISH AND INSTALL W11-2 "PEDESTRIAN XING" SIGN AND W16-7P "ARROW" SIGN [DOUBLE-SIDED]. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS IN THE FIELD WITH THE CITY INSPECTOR PRESENT. ADA PPB SHALL HAVE ALL AUDIBLE FEATURES DISABLED BY CONTRACTOR.
- REPLACE PAVEMENT MARKING IN KIND.

CONSTRUCTION NOTES:

- REMOVE AND DISPOSE (ITEM AS INDICATED)

WDID NO. N/A FILE NO. CIP22-00003

SHEET 24	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNAL PLANS		
ACCEPTED BY <i>plu</i> CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11-21-23		
Prepared under the direction of: SIGN: <i>MLG</i> NAME: MARKOS LEGESSE	Reviewed By: 11/17/23 DATE	PLAN NUMBER TS-04 R23-00028

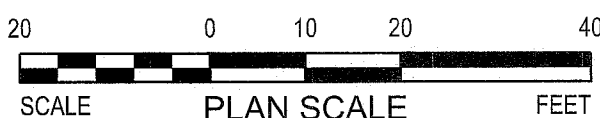
NO.	DESCRIPTION	APP'D	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL.
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: _____
Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

DWG Name: N:\Shored\PROJECTS\2023\00-2023-067 OceanSide, CA Laurel Elementary SRTS\CA\01_Plans\2023-067_T-SPM.dwg Plotted by: Emmakatz on Nov 17, 2023 - 15:15:24

NOTES:

- ALL SIGNING AND STRIPING SHALL CONFORM AND BE INSTALLED PER CALTRANS 2015 STANDARD PLANS, SPECIFICATIONS AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- SEE SHEETS L-01 TO L-03 FOR SIGN REMOVALS.
- ALL LIMIT LINES, CROSSWALKS, LEGENDS, AND YIELD LINES SHALL BE THERMOPLASTIC PER CALTRANS STANDARD SPECIFICATIONS. ALL LANE LINES, NO PASSING ZONE AND DIAGONAL STRIPING SHALL BE PAINT PER CALTRANS STANDARD PLAN SPECIFICATIONS.
- ANY EXISTING STRIPING OR PAVEMENT MARKINGS WHICH CONFLICT WITH THIS APPROVED SIGNING AND STRIPING PLAN SHALL BE REMOVED. NO BLOCKOUT STRIPING WILL BE ALLOWED UNLESS APPROVED BY THE CITY ENGINEER.
- ALL EXISTING SIGNS NOT INDICATED AS REMOVED OR RELOCATED ON THIS PLAN BUT REQUIRED TO REMOVE FOR CIVIL WORK SHALL BE RELOCATED TO NEAREST APPROPRIATE AREA AVAILABLE PER NEW CIVIL WORK. IF SIGN IS TO BE RELOCATED, NEW LOCATION MUST BE APPROVED BY CITY ENGINEER BEFORE INSTALLATION.
- THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.



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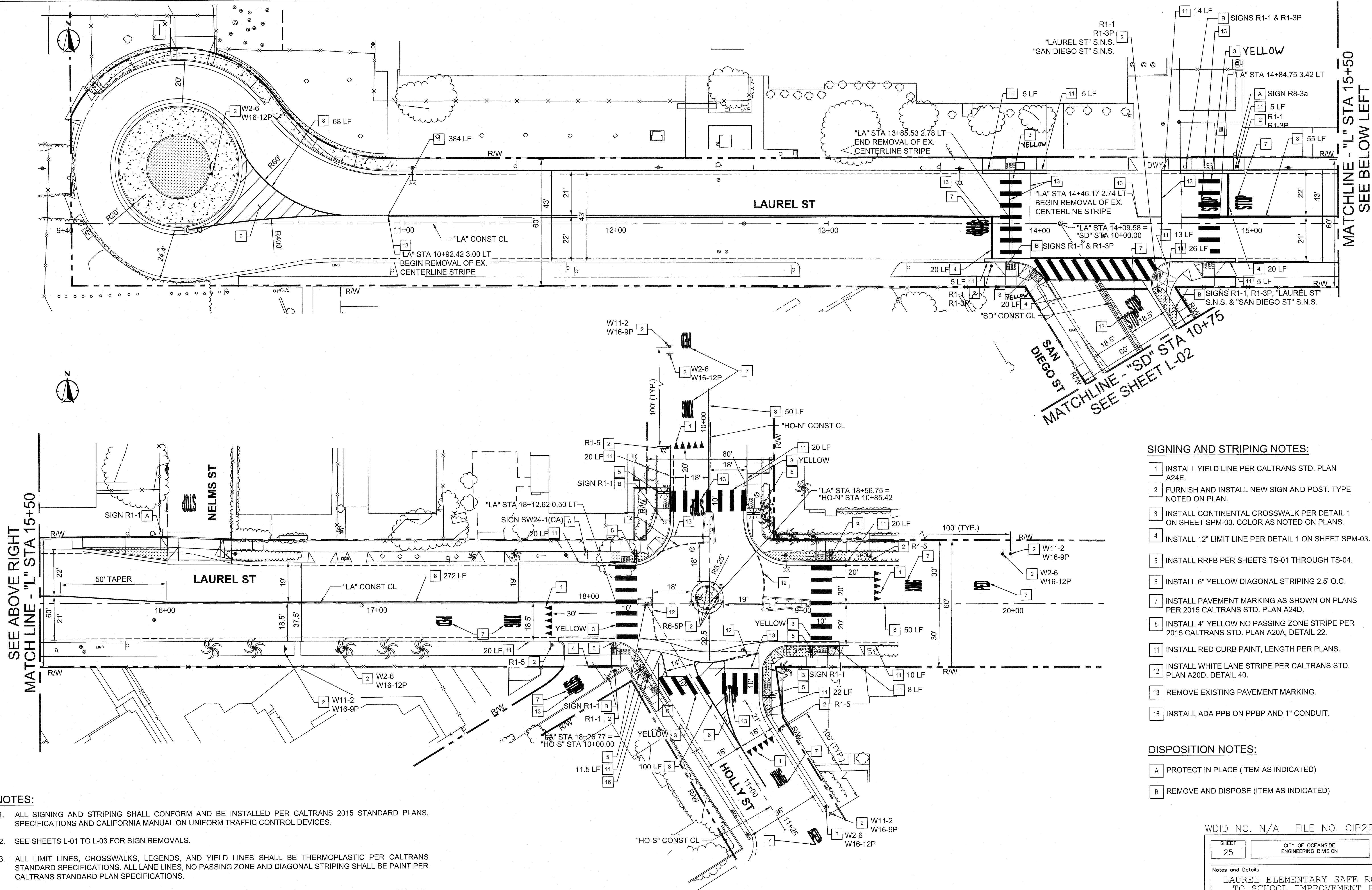
NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL.
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From: Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 25	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNING AND STRIPING		
ACCEPTED BY <i>Brian K. Thomas</i> CITY ENGINEER: BRIAN K. THOMAS P.E. 60907 Date: 11.21.23		
Prepared under the direction of: <i>Markos Legesse</i> SGN: NAME: MARKOS LEGESSE	Reviewed By: <i>LC 11/20/23</i> DATE	PLAN NUMBER SPM-01 R23-00028

SEE ABOVE RIGHT
MATCHLINE - "L" STA 15+50



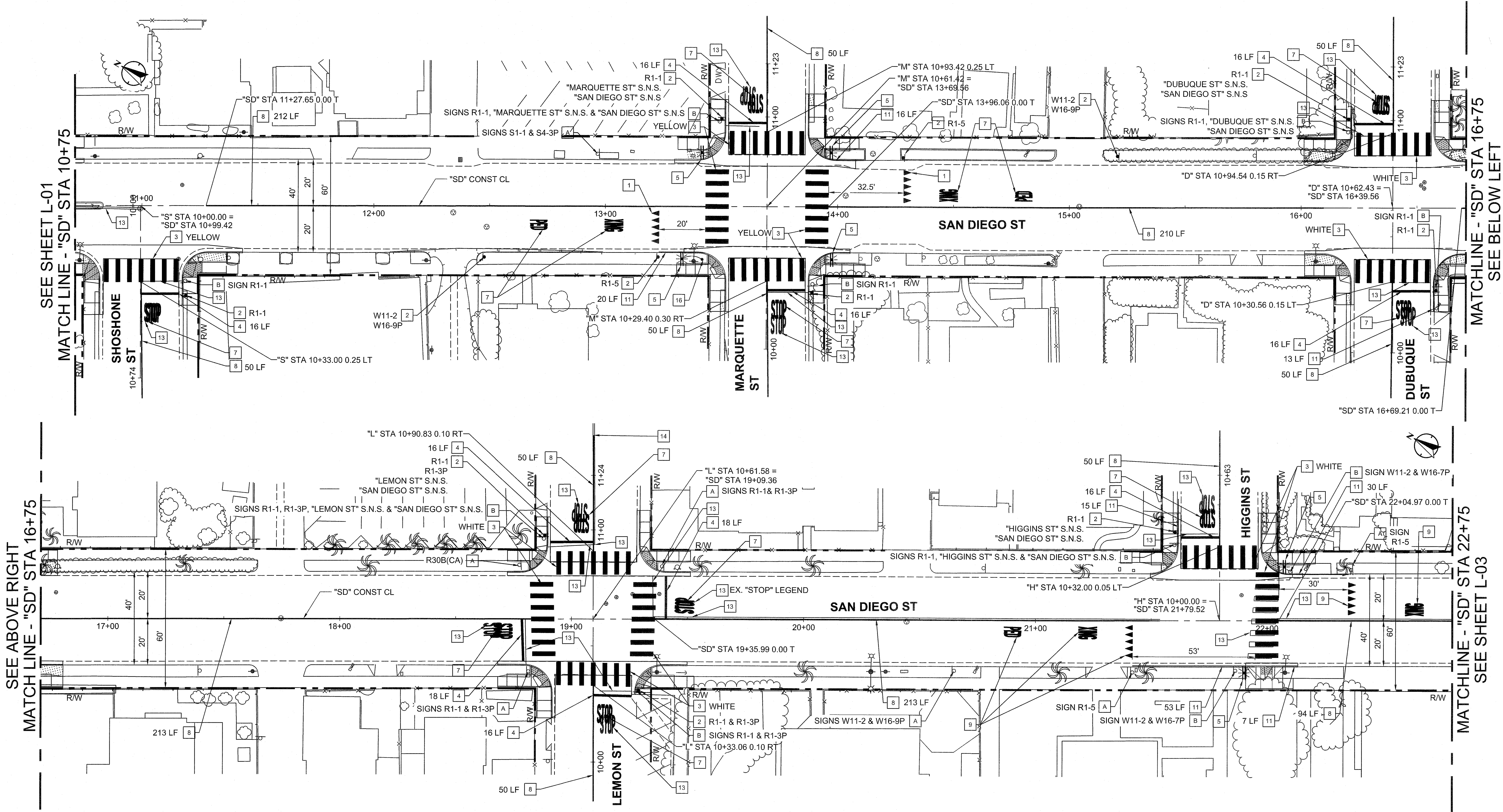
SIGNING AND STRIPING NOTES:

- INSTALL YIELD LINE PER CALTRANS STD. PLAN A24E.
- FURNISH AND INSTALL NEW SIGN AND POST. TYPE NOTED ON PLAN.
- INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLANS.
- INSTALL 12" LIMIT LINE PER DETAIL 1 ON SHEET SPM-03.
- INSTALL RRFB PER SHEETS TS-01 THROUGH TS-04.
- INSTALL 6" YELLOW DIAGONAL STRIPING 2.5' O.C.
- INSTALL PAVEMENT MARKING AS SHOWN ON PLANS PER 2015 CALTRANS STD. PLAN A24D.
- INSTALL 4" YELLOW NO PASSING ZONE STRIPE PER 2015 CALTRANS STD. PLAN A20A, DETAIL 22.
- INSTALL RED CURB PAINT, LENGTH PER PLANS.
- INSTALL WHITE LANE STRIPE PER CALTRANS STD. PLAN A20D, DETAIL 40.
- REMOVE EXISTING PAVEMENT MARKING.
- INSTALL ADA PPB ON PPBP AND 1" CONDUIT.

DISPOSITION NOTES:

- A PROTECT IN PLACE (ITEM AS INDICATED)
B REMOVE AND DISPOSE (ITEM AS INDICATED)

MATCHLINE - "L" STA 15+50
SEE BELOW LEFT



NOTES:

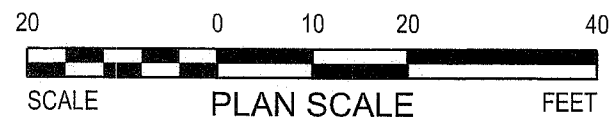
- ALL SIGNING AND STRIPING SHALL CONFORM AND BE INSTALLED PER CALTRANS 2015 STANDARD PLANS, SPECIFICATIONS AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- SEE SHEETS L-01 TO L-03 FOR SIGN REMOVALS.
- ALL LIMIT LINES, CROSSWALKS, LEGENDS, AND YIELD LINES SHALL BE THERMOPLASTIC PER CALTRANS STANDARD SPECIFICATIONS. ALL LANE LINES, NO PASSING ZONE AND DIAGONAL STRIPING SHALL BE PAINT PER CALTRANS STANDARD PLAN SPECIFICATIONS.
- ANY EXISTING STRIPING OR PAVEMENT MARKINGS WHICH CONFLICT WITH THIS APPROVED SIGNING AND STRIPING PLAN SHALL BE REMOVED. NO BLOCKOUT STRIPING WILL BE ALLOWED UNLESS APPROVED BY THE CITY ENGINEER.
- ALL EXISTING SIGNS NOT INDICATED AS REMOVED OR RELOCATED ON THIS PLAN BUT REQUIRED TO REMOVE FOR CIVIL WORK SHALL BE RELOCATED TO NEAREST APPROPRIATE AREA AVAILABLE PER NEW CIVIL WORK. IF SIGN IS TO BE RELOCATED, NEW LOCATION MUST BE APPROVED BY CITY ENGINEER BEFORE INSTALLATION.
- THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.

SIGNING AND STRIPING NOTES

- | | | | |
|----|---|----|--|
| 1 | INSTALL YIELD LINE PER CALTRANS STD. PLAN A24E. | 13 | REMOVE EXISTING PAVEMENT MARKING. |
| 2 | FURNISH AND INSTALL NEW SIGN AND POST. TYPE NOTED ON PLAN. | 14 | JOIN PROPOSED STRIPING WITH EXISTING STRIPING. |
| 3 | INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLANS. | 16 | INSTALL ADA PPB ON PPBP AND 1" CONDUIT. |
| 4 | INSTALL 12" LIMIT LINE PER DETAIL 1 ON SHEET SPM-03. | | |
| 5 | INSTALL RRFB PER SHEETS TS-01 THROUGH TS-04. | | |
| 7 | INSTALL PAVEMENT MARKING AS SHOWN ON PLANS PER 2015 CALTRANS STD. PLAN A24D. | | |
| 8 | INSTALL 4" YELLOW NO PASSING ZONE STRIPE PER 2015 CALTRANS STD. PLAN A20A, DETAIL 22. | | |
| 9 | REPLACE PAVEMENT MARKING IN KIND. | | |
| 11 | INSTALL RED CURB PAINT, LENGTH PER PLANS. | | |

DISPOSITION NOTES

- | | |
|---|--|
| A | PROTECT IN PLACE (ITEM AS INDICATED) |
| B | REMOVE AND DISPOSE (ITEM AS INDICATED) |



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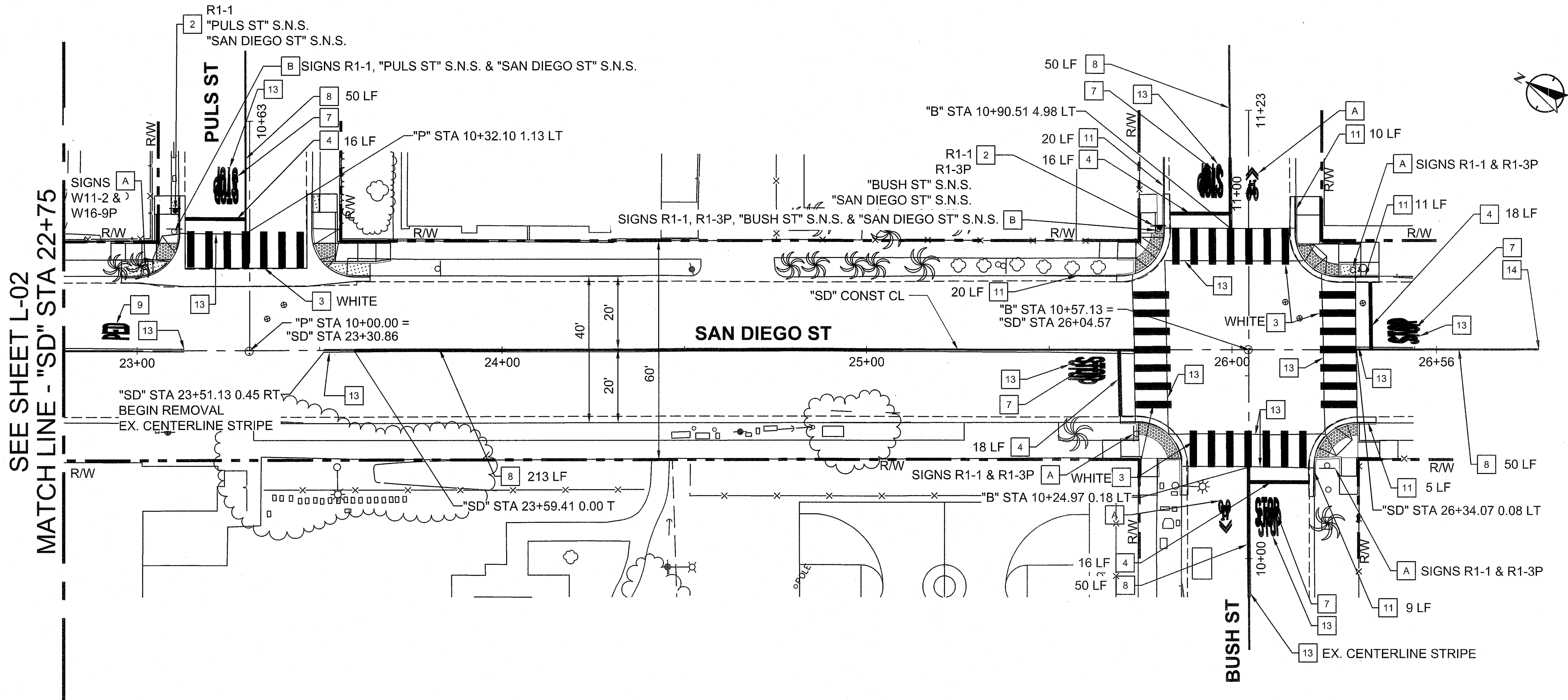
NO.	DESCRIPTION	APP'VD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL.
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
Record From:
Elev. 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 26	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNING AND STRIPING		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		11-2-23 Date:
Prepared under the direction of: Record From: SIN: NAME: MARKOS LEGESSE		Reviewed By: 11/17/23 DATE PLAN NUMBER SPM-02 R23-00028

DWG Name: N:\Shored\PROJECTS\2023\00-2023-067-Oceanside, CA Laurel Elementary SRTS\CAD\01_Plans\2023-067_1-SPM.dwg Plotted by: Ernmokatz on Nov 17, 2023 - 15:15:49



SIGNING AND STRIPING NOTES:

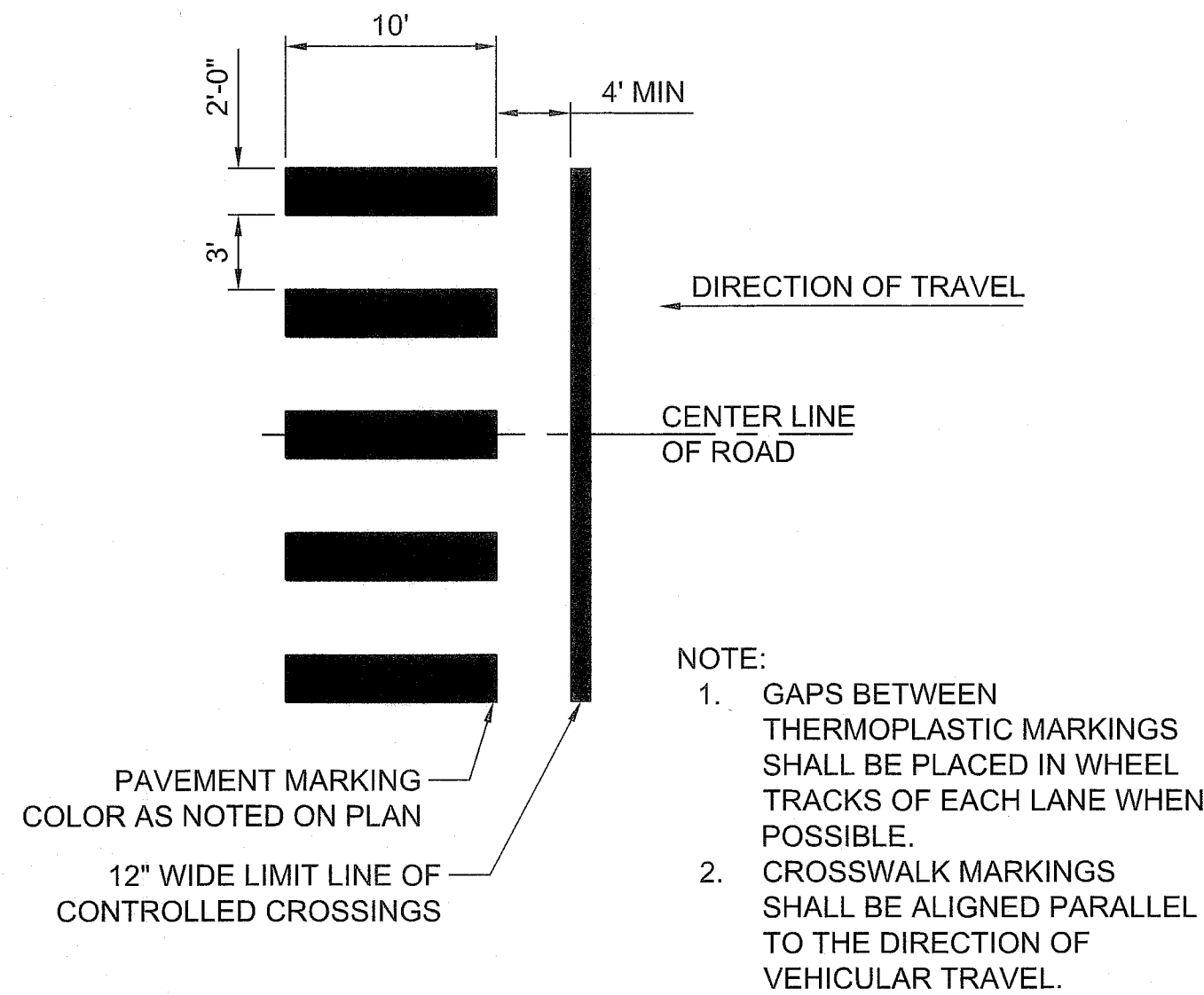
- 2 FURNISH AND INSTALL NEW SIGN AND POST. TYPE NOTED ON PLAN.
- 3 INSTALL CONTINENTAL CROSSWALK PER DETAIL 1 ON SHEET SPM-03. COLOR AS NOTED ON PLANS.
- 4 INSTALL 12" LIMIT LINE PER DETAIL 1 ON SHEET SPM-03.
- 7 INSTALL PAVEMENT MARKING AS SHOWN ON PLANS PER 2015 CALTRANS STD. PLAN A24D.
- 8 INSTALL 4" YELLOW NO PASSING ZONE STRIPE PER 2015 CALTRANS STD. PLAN A20A, DETAIL 22.
- 9 REPLACE PAVEMENT MARKING IN KIND.
- 11 INSTALL RED CURB PAINT, LENGTH PER PLANS.
- 13 REMOVE EXISTING PAVEMENT MARKING.
- 14 JOIN PROPOSED STRIPING WITH EXISTING STRIPING.

DISPOSITION NOTES:

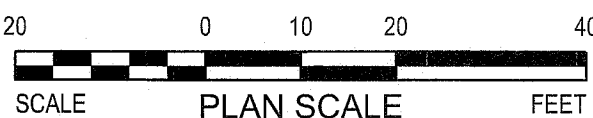
- A PROTECT IN PLACE (ITEM AS INDICATED)
- B REMOVE AND DISPOSE (ITEM AS INDICATED)

NOTES:

- 1. ALL SIGNING AND STRIPING SHALL CONFORM AND BE INSTALLED PER CALTRANS 2015 STANDARD PLANS, SPECIFICATIONS AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 2. SEE SHEETS L-01 TO L-03 FOR SIGN REMOVALS.
- 3. ALL LIMIT LINES, CROSSWALKS, LEGENDS, AND YIELD LINES SHALL BE THERMOPLASTIC PER CALTRANS STANDARD SPECIFICATIONS. ALL LANE LINES, NO PASSING ZONE AND DIAGONAL STRIPING SHALL BE PAINT PER CALTRANS STANDARD PLAN SPECIFICATIONS.
- 4. ANY EXISTING STRIPING OR PAVEMENT MARKINGS WHICH CONFLICT WITH THIS APPROVED SIGNING AND STRIPING PLAN SHALL BE REMOVED. NO BLOCKOUT STRIPING WILL BE ALLOWED UNLESS APPROVED BY THE CITY ENGINEER.
- 5. ALL EXISTING SIGNS NOT INDICATED AS REMOVED OR RELOCATED ON THIS PLAN BUT REQUIRED TO REMOVE FOR CIVIL WORK SHALL BE RELOCATED TO NEAREST APPROPRIATE AREA AVAILABLE PER NEW CIVIL WORK. IF SIGN IS TO BE RELOCATED, NEW LOCATION MUST BE APPROVED BY CITY ENGINEER BEFORE INSTALLATION.
- 6. THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.



1 CONTINENTAL CROSSWALK AND LIMIT LINE PAVEMENT MARKINGS
NTS



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NO.	DESCRIPTION	APPVD	DATE

Description: ELEVATIONS ARE BASED ON CITY OF OCEANSIDE BENCH MARK "1004", DESCRIBED AS "3.5" BRASS DISK IN MONUMENT WELL.
Location: INTERSECTION OF SEAGAZE DRIVE AND HORNE STREET
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Elev: 120.59 U.S. SURVEY FEET (NAVD 88) ADJUSTED OCTOBER 2013
Datum: OCEANSIDE

WDID NO. N/A FILE NO. CIP22-00003

SHEET 27	CITY OF OCEANSIDE ENGINEERING DIVISION	27 SHEETS
Notes and Details LAUREL ELEMENTARY SAFE ROUTES TO SCHOOL IMPROVEMENT PLAN SIGNING AND STRIPING		
ACCEPTED BY CITY ENGINEER: BRIAN K. THOMAS P.E. 60907		11.21.23 Date:
Prepared under the direction of: SGN: M.L.L. 11/17/23 NAME: MARKOS LEGESSE	Reviewed By: LC 11/20/23	PLAN NUMBER SPM-03 R23-00028