

PARK BOULEVARD GRADE CROSSING LINEAR PARK MODIFICATIONS

UNDERGROUND UTILITIES

1. PURSUANT TO SECTION 4216 OF THE CALIFORNIA GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G., UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER. UNDERGROUND SERVICE ALERT (USA)1-800-422-4133
2. NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69 KV & HIGHER)
3. CONTRACTOR SHALL EXPOSE AND VERIFY PIPE MATERIAL, LINE SIZE, LOCATION AND ELEVATION OF EXISTING UTILITIES AT ALL TIE-IN LOCATIONS AND CROSSINGS PRIOR TO CONSTRUCTING NEW FACILITIES. IN CASE OF ANY CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER BEFORE PROCEEDING.
4. STORM WATER AND SANITARY SEWER, MANHOLES, CLEANOUTS, ETC. SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGIONAL STANDARD DRAWINGS AND THE SAN DIEGO SUPPLEMENTS.
5. ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH APPLICABLE AGENCY REQUIREMENTS AND OTHER SAFETY ORDINANCES WHICH MAY APPLY. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION, IF NECESSARY.
6. THE USE OF MATERIALS CONTAINING ASBESTOS SHALL NOT BE PERMITTED.
7. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED BEFORE PLACING BASE COURSE FOR NEW PAVEMENT UNLESS OTHERWISE INSTRUCTED BY THE OWNER. (NO PAVING IN THIS PROJECT).
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATION AND INSPECTIONS WITH THE APPROPRIATE AGENCY OR UTILITY COMPANY.

CONTRACTOR'S RESPONSIBILITIES

1. NO TRAFFIC SIGNAL/SIGN REMOVALS OR MODIFICATIONS IN THIS PROJECT.
2. PRIOR TO REMOVAL OF DECORATIVE LIGHT POLES FROM THE LINEAR PARK, CONTACT PETE CRUZ, GENERAL SERVICE, AT (619) 725-6043 FOR REMOVAL OF LIGHT HEADS (ONLY) AND CHAIRS. THE CONTRACTOR SHALL REMOVE POLES AND FOOTINGS, DISCONNECT ELECTRIC POWER SUPPLY AND REMOVE ELECTRIC CONDUCTORS AND ABANDONED PULL BOXES.

MONUMENTATIONSURVEY NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LICENSED LAND SURVEYOR OR LICENSED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA SHALL LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR ANY EARTHWORK, DEMOLITION OR SURFACE IMPROVEMENTS. IF DESTROYED, A LICENSED LAND SURVEYOR SHALL REPLACE SUCH MONUMENT(S) WITH APPROPRIATE MONUMENTS. WHEN SETTING SURVEY MONUMENTS USED FOR RE-ESTABLISHMENT OF THE DISTURBED CONTROLLING SURVEY MONUMENTS AS REQUIRED BY SECTIONS 6730.2 AND 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED WITH THE COUNTY SURVEYOR. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING AND VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.

ABBREVIATIONS

ABAND	ABANDON	DI	DRAIN INLET	PROP	PROPOSED
ABAND'D	ABANDONED	DR	DRIVE	PED	PEDESTRIAN
AC	ASPHALT CONCRETE	DW	DRIVEWAY ELEVATION	PP	POWER POLE
AVE	AVENUE	EB	ELECTRIC BOX	PVMT	PAVEMENT
BC	BEGIN OF CURVE	EC	END OF CURVE	R/W	RIGHT OF WAY
BCR	BEGIN CURVE RETURN	ECR	END CURB RETURN	RR	RAILROAD
BLVD	BOULEVARD	ELEC	ELECTRIC	RT	RIGHT
BTWN	BETWEEN	EL, ELEV	ELEVATION	RSD	REGIONAL SAN DIEGO STANDARD PLANS
C&G	CURB & GUTTER	EX, EXIST	EXISTING	SDG&E	SAN DIEGO GAS & ELECTRIC
CAT	CATENARY	FL	FLOW LINE	SDMH	STORM DRAIN MANHOLE
CB	CATCH BASIN	G	GUTTER	SDCO	STORM DRAIN CLEANOUT
CHH	CABLE HANDHOLE	GV	GAS VALVE	SHT	SHEET
CL	CENTER LINE	HH	HANDHOLE	SMH	SEWER MANHOLE
CL	CHAIN LINK	ICV	IRRIGATION CONTROL	ST	STREET
CMB	CRUSHED MISCELLANEOUS BASE	LG	LIP OF GUTTER ELEVATION	STA	STATION
COMM	COMMUNICATION	LT	LIGHT / LEFT	TC	TOP OF CURB
CONC	CONCRETE	MH	MANHOLE	TS	TRAFFIC SIGNAL
COND	CONDUIT	MIN	MINIMUM	TRK	TRACK
CONT	CONTACT WIRE	NA	NOT APPLICABLE	TYP	TYPICAL
CONST	CONSTRUCT	NTS	NOT TO SCALE	VL	VAULT
CTB	CEMENT TREATED BASE	OVHD	OVER HEAD	WGV	WATER GATE VALVE
CVLT	CABLE VAULT				

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES) 0.23 (REMOVE CONC)
HYDROLOGIC UNIT/ WATERSHED SAN DIEGO BAY
HYDROLOGIC SUBAREA NAME & NO. _____
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
☐ WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
☒ SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWQ AS AMENDED BY ORDER 2010-0014-DWQ AND 2012-0006-DWQ
TRADITIONAL: RISK LEVEL 1 ☒ ☐ 2 ☐ 3
LUP: RISK TYPE 1 ☒ ☐ 2 ☐ 3
3. CONSTRUCTION SITE PRIORITY
☐ ASBS ☐ HIGH ☐ MEDIUM ☒ LOW

STREET CLASSIFICATION

STREET NAME: NA
STREET CLASSIFICATION, NA

REFERENCE DRAWINGS:

34134-4-D	30321-2-D	30321-3-D
30321-4-D	30321-11-D	30321-13-D
30321-14-D		

FIELD DATA

BENCHMARK: BRASS PLUG NORTHWEST CORNER OF 13TH AVENUE & J STREET ELEV.+42.54 FEET

FIELD NOTES:

BASIS OF BEARINGS / COORDINATES:

CALIFORNIA SYSTEM, NAD83, ZONE 6, GRID BEARING BETWEEN STATION SDGPS MONUMENTS 1137 AND 1139 AS SHOWN ON RECORD OF SURVEY NO. 14492.

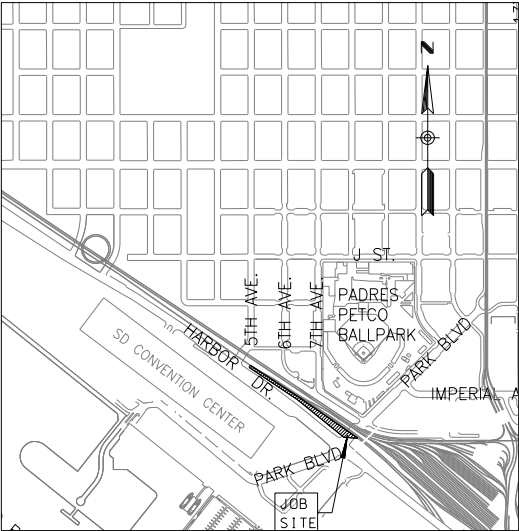
DATUM: MEAN SEA LEVEL

CONSTRUCTION LEGEND

- X—X— NEW FENCE AND MOW STRIP
—X—X— NEW TEMPORARY FENCE

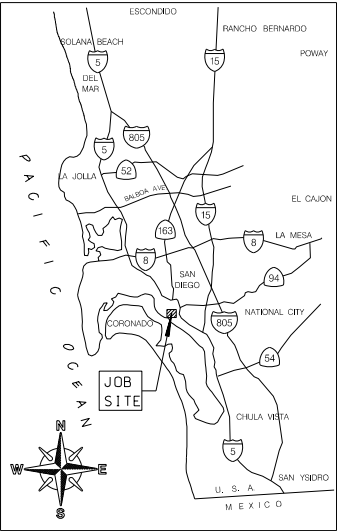
ABBREVIATION OF AGENCIES

BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY
CPUC	CALIFORNIA PUBLIC UTILITIES COMMISSION
CSD	CIVIC SAN DIEGO (FORMALLY CCDC)
MTS	METROPOLITAN TRANSIT SYSTEM
NCTP	NORTH COUNTY TRANSIT DISTRICT (COASTER)
SD/AE	SAN DIEGO ARIZONA EASTERN RAILROAD
SDIV	SAN DIEGO AND IMPERIAL VALLEY RAILROAD
SDTI	SAN DIEGO TROLLEY INC.



LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

EXISTING FACILITIES LEGEND

SPOT ELEVATION	× 7.7	RIGHT OF WAY	_____
EXIST SIGN	○ Sign	SEWER	_____S_____
EXIST LIGHT	☀	STORM DRAIN	=====
EXIST POWER POLE	•	TELEPHONE	_____T_____
EXIST CONTOUR	—10—	WATER	_____W_____
CONTROL POINT	△ 8.17	FENCE	—X—X—
MH	○	EXIST TRAFFIC SIGNAL	○ TS
CABLE TELEVISION	—CTV—	TRAFFIC CABINET	☒
ELECTRIC	—E—	PULLBOX	□
FUEL	—F—	SURVEY MONUMENT	●
GAS	—G—	ROCK RUBBLE	▨

WORK TO BE DONE

1. THE WORK INCLUDES REMOVAL OF FENCING, MOW STRIP, CONCRETE WALKWAY AND SOD. NEW CONSTRUCTION INCLUDES NEW FENCING, MOW STRIP, TEMPORARY FENCING, AND MODIFICATION TO EXISTING IRRIGATION SYSTEM AND PLANTING NEW SOD.
2. THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

LEGEND

IMPROVEMENTS

STANDARD DRAWINGS

SYMBOL

6 FT CL FENCE	SDM-112	=====
MOWING STRIP (TYPE B)	SDL-103	=====

STANDARD SPECIFICATIONS

1. STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION (GREENBOOK).
2. CITY OF SAN DIEGO SUPPLEMENTS "WHITE BOOK" (TO BE USED IN CONJUNCTION WITH GREENBOOK), 2018 EDITION.

SHEET INDEX

SHEET NO.	DISCIPLINE CODE	TITLE
1	G-1	COVER SHEET
2	G-2	GENERAL NOTES
3	D-1	DEMOLITION PLAN
4	C-1	FENCING PLAN
5-8	L-1 TO L-5	IRRIGATION DEMOLITION PLANS
9-14	L-6 TO L-10	IRRIGATION PLANS
15-19	L-11 TO L-15	PLANTING PLANS
20	L-16	PLANTING DETAILS

DISCIPLINE CODE

- G GENERAL
D DEMOLITION
C CIVIL
L LANDSCAPE

* I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

George M. Paulsen
(ENGINEER'S NAME)

01/29/2019
DATE

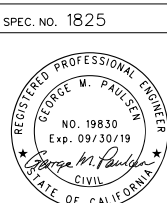
G-1

AS-BUILT INFORMATION

MATERIALS	MANUFACTURER
-	-
-	-
-	-
-	-

JACOBS

SPEC. NO. 1825



COMPANY NAME JACOBS ENGINEERING GROUP
COMPANY ADDRESS 2600 MICHELSON DRIVE, SUITE 500, IRVINE, CALIFORNIA 92612
COMPANY PHONE 949-224-7671
COMPANY FAX 949-224-7501
COMPANY EMAIL GEORGE.PAULSEN@JACOBS.COM

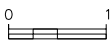
PLANS FOR THE CONSTRUCTION OF
**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS**
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 1 OF 20 SHEETS				WBS <u>S-15045</u>	
APPROVED: _____ FOR CITY ENGINEER DATE _____				SUBMITTED BY: ROBERT SUTHERLIN PROJECT MANAGER	
PRINT DCE NAME _____ RCE# _____				CHECKED BY: JACOBS PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	SEE SHEETS
ORIGINAL	xx/xx				CCS27 COORDINATE
					SEE SHEETS
					CCS83 COORDINATE
CONTRACTOR _____				DATE STARTED _____	
INSPECTOR _____				DATE COMPLETED _____	
				36239-1-D	

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of

SAN DIEGO

Public Works

GENERAL NOTES:

1.
- CONTRACTOR TO COORDINATE WITH OWNER'S REPRESENTATIVE AS TO THE EXACT LOCATION OF ALL SAWCUT LINES FOR JOINING EXISTING IMPROVEMENTS. EXACT LOCATION SHALL BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.
2.
- THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AND PUBLIC AGENCIES AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
3.
- BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS.
4.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
5.
- FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE THREE-EIGHTHS INCH ABOVE THE LIP OF THE GUTTER INCLUDING OPEN GRADE. (NO PAVING IN THIS PROJECT).
6.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING:

A. UNIFORM PLUMBING CODE; CALIFORNIA BUILDING CODE 2016

B. THE PROJECT PLANS, NOTES AND SPECIFICATIONS HEREON;

C. THE REQUIREMENTS OF ALL PERMITS OBTAINED FOR THIS PROJECT.

NOTE:

WHERE CONFLICTS EXIST BETWEEN ANY OF THE ABOVE LISTED SPECIFICATIONS OR REQUIREMENTS, THE MOST STRINGENT LISTED SPECIFICATION OR REQUIREMENT SHALL PREVAIL. UNLESS SPECIFICALLY APPROVED OTHERWISE.
7.
- CONTRACTOR SHALL SUPPLY ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY TO PERFORM THE WORK SHOWN ON THE PROJECT PLANS AND SPECIFICATIONS IN ACCORDANCE WITH THE OWNER'S REQUIREMENTS.
8.
- IT SHALL BE THE RESPONSIBILITY OF THE VARIOUS CONTRACTORS TO COORDINATE THEIR WORK SO AS TO ELIMINATE CONFLICTS AND WORK TOWARD THE SUCCESSFUL COMPLETION OF THE ENTIRE PROJECT WITHIN THE SPECIFIED SCHEDULE.
9.
- ALL WORKMANSHIP AND MATERIALS FURNISHED BY CONTRACTOR SHALL BE OF THE KIND AND QUALITY DESCRIBED IN THESE PLANS, AND SHALL BE FIRST CLASS THROUGHOUT. NEITHER FINAL ACCEPTANCE NOR FINAL PAYMENT BY THE OWNER SHALL RELIEVE CONTRACTOR OF RESPONSIBILITY FOR FAULTY MATERIALS OR WORKMANSHIP.
10.
- IN THE EVENT OF ANY CONFLICT OF INFORMATION SHOWN OR AMBIGUITIES IN THE PLANS AND SPECIFICATIONS, OR ANY CONFLICT BETWEEN THE PLANS AND THE INTENT OF A CONSISTENT AND FUNCTIONAL FACILITY, THE CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING, UPON WHICH TIME THE OWNER SHALL RESOLVE THE CONFLICT OR AMBIGUITY BY THE ISSUANCE OF A WRITTEN CHANGE ORDER OR BY REVISING THE PLANS OR SPECIFICATIONS OR BOTH. THE CONTRACTOR SHALL BEAR THE FULL COST AND RESPONSIBILITY FOR WORK AFFECTED BY SUCH UNRESOLVED CONFLICTS OR AMBIGUITIES, AND WORK PERFORMED BY THE CONTRACTOR PRIOR TO THE PROPER RESOLUTION.
11.
- CONTRACTOR SHALL PROVIDE DUST CONTROL AT ALL TIMES AND AS REQUIRED BY THE LOCAL CODES AND REGULATIONS.
12.
- EXISTING UNDERGROUND LINES, APPURTENANCES AND FACILITIES WHICH ARE KNOWN TO THE ENGINEER ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING FACILITIES WHICH ARE TO REMAIN IN PLACE, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO. NO WARRANTY IS GIVEN AS TO THE COMPLETENESS AND ACCURACY OF INFORMATION REGARDING SUCH FACILITIES.
13.
- NO UNAUTHORIZED CHANGES SHALL BE MADE IN THE FIELD BY THE CONTRACTOR PRIOR TO APPROVAL BY THE OWNER AND THE GOVERNING AGENCY AS MAY BE REQUIRED.
14.
- CONTRACTOR SHALL PROVIDE ALL FENCES, LIGHTS, SIGNS, BARRICADES, SECURITY OFFICERS, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AND SECURITY OF THE PROJECT SITE.
15.
- NO SUBSTITUTIONS FOR SPECIFIED MATERIALS, PROCEDURES OR DETAILS WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF THE OWNER.
16.
- TROLLEY TRACTION POWER SYSTEM TO REMAIN IN SERVICE AT ALL TIMES AND SCHEDULED TROLLEY SERVICE SHALL NOT BE INTERRUPTED DURING CONSTRUCTION.
17.
- THE CONTRACTOR SHALL BE REQUIRED TO HAVE A BNSF SUPPLIED FLAGPERSON ON SITE FOR ANY WORK WITHIN THE BNSF R/W INVOLVING PERSONNEL OR EQUIPMENT WITHIN 10 FEET OF THE CENTER LINE OF ANY ACTIVE TRACK.
18.
- DO NOT GO ONTO MTS RIGHT-OF-WAY AND DO NOT ENCROACH WITHIN 10-FT OF BNSF TRACK CENTER LINE.
19.
- CONTRACTOR SHALL OBTAIN BNSF RR FLAGGER WHEN WORK CREWS OR EQUIPMENT ARE ON RR SIDE OF EXISTING FENCE OR WITHIN 25-FEET OF THE BNSF TRACK CENTERLINE IF THERE IS NO FENCE WITHIN THIS LIMIT.

GRADING AND PAVING NOTES (NO PAVEMENT WORK IN THIS PROJECT):

1.
- IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER SHALL BE NOTIFIED IMMEDIATELY FOR DIRECTION.
2.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND RELATED OFFSITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3.
- CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR THE STABILITY OF ANY EXCAVATION AND SIDE SLOPES. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND OR CAVING OF THE EXCAVATION SIDE SLOPES.
4.
- AN EARTHWORK BALANCE IS NOT THE INTENT OF THIS PROJECT. REMOVAL AND DISPOSAL OF EXCESS SOIL IS THE RESPONSIBILITY OF THE CONTRACTOR.
5.
- COMPACTION TESTING SHALL BE PERFORMED BY CITY TEST LAB IN PUBLIC RIGHT OF WAY. 24-HOUR NOTIFICATION IS REQUIRED WHEN SCHEDULING WORK FOR THE FOLLOWING (NEXT) DAY AND CALLS TO THE LAB MUST BE MADE BEFORE NOON (12:00 PM) OF THE PRECEDING DAY PHONE NUMBER (858) 627-3279.
6.
- GRADE BREAKS FOR CURBS AND/OR PAVING SHALL BE ROUNDED OFF DURING FORMING OR PAVING OPERATIONS SO AS TO PROVIDE A SMOOTH APPEARANCE.
7.
- DO NOT ROUND OFF WHERE IT WILL ADVERSELY AFFECT DRAINAGE.
8.
- CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS AND SEWER CLEANOUTS, ETC. TO NEW FINISH GRADES AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
9.
- MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE PLANS, SPECIFICATIONS AND DETAILS SHOWN HEREON.
10.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
11.
- ALL POTABLE WATER FOR CONSTRUCTION PURPOSES SHALL BE METERED AND PAID FOR. COORDINATE WITH CITY WATER DEPARTMENT TO OBTAIN A METER.
12.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
13.
- ALL STRIPING AND LEGENDS SHALL BE PAINTED IN ACCORDANCE WITH THESE PLANS AND THE APPROPRIATE LOCAL CODES, USING APPROPRIATE MATERIALS AND METHODS IN ACCORDANCE WITH THE APPROPRIATE LOCAL SPECIFICATIONS.
14.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINTS OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
15.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE SOILS ENGINEER AND OWNER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
16.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POTHOLING PRIOR TO CONSTRUCTION.
17.
- ALL ORGANIC MATERIAL AND LOOSE OR DISTURBED NATIVE SOILS AND ANY UNDOCUMENTED FILL SOILS SHALL BE REMOVED FROM THE PROPOSED FLATWORK AND PAVED AREAS.
18.
- UNLESS OTHERWISE NOTED, ALL EARTHWORK AND STRUCTURAL FILL SHALL CONFORM TO THE EARTHWORK SPECIFICATIONS AND SHALL BE APPROVED BY THE SOILS ENGINEER.
19.
- ASPHALTIC CONCRETE AND BASE MATERIALS SHALL BE TESTED PRIOR TO DELIVERY TO THE SITE AND DURING PLACEMENT TO DETERMINE CONFORMANCE WITH THE PROJECT SPECIFICATIONS.
20.
- THE CURB RAMP SHALL NOT AFFECT THE DRAINAGE PATTERN ON THE STREET.
21.
- CONTRACTOR TO REPLACE DAMAGED OR MISSING SIDEWALK PANELS, WITHIN THE IMMEDIATE CURB RAMP AREA.
22.
- CONTRACTOR TO PATCH AND REPAIR DAMAGED AND LIFTED SIDEWALK PANELS ALONG THE SIDEWALK AREA LEADING TO THE NEW AND EXISTING CURB RAMPS.
23.
- WHERE NEW CONCRETE FACILITIES ARE CONSTRUCTED, PERFORM MINOR GRADING ON ADJACENT AREAS TO MATCH NEW FACILITIES.

TRAFFIC SIGNAL NOTES (NO TRAFFIC SIGNAL WORK IN THIS PROJECT):

JACOBS

2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
(949) 224-7671

SPECIFICATION NO. 1825

G-2

REGISTERED PROFESSIONAL ENGINEER

GEORGE W. PAULSEN

NO. 19830

Exp. 09/30/19

George W. Paulsen

CIVIL

STATE OF CALIFORNIA

CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

PLAN FOR THE IMPROVEMENT OF:

PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS

GENERAL NOTES

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 2 OF 20 SHEETS

I.O. NO.

FOR CITY ENGINEER

DATE

SECTION HEAD

DESCRIPTION

BY

APPROVED

DATE

FILMED

ROBERT SUTHERLIN

FILE NAME

DATE

RP

PROJECT MANAGER

AS-BUILT

JACOBS

CONTRACTOR

DATE STARTED

DESIGN ENGINEER

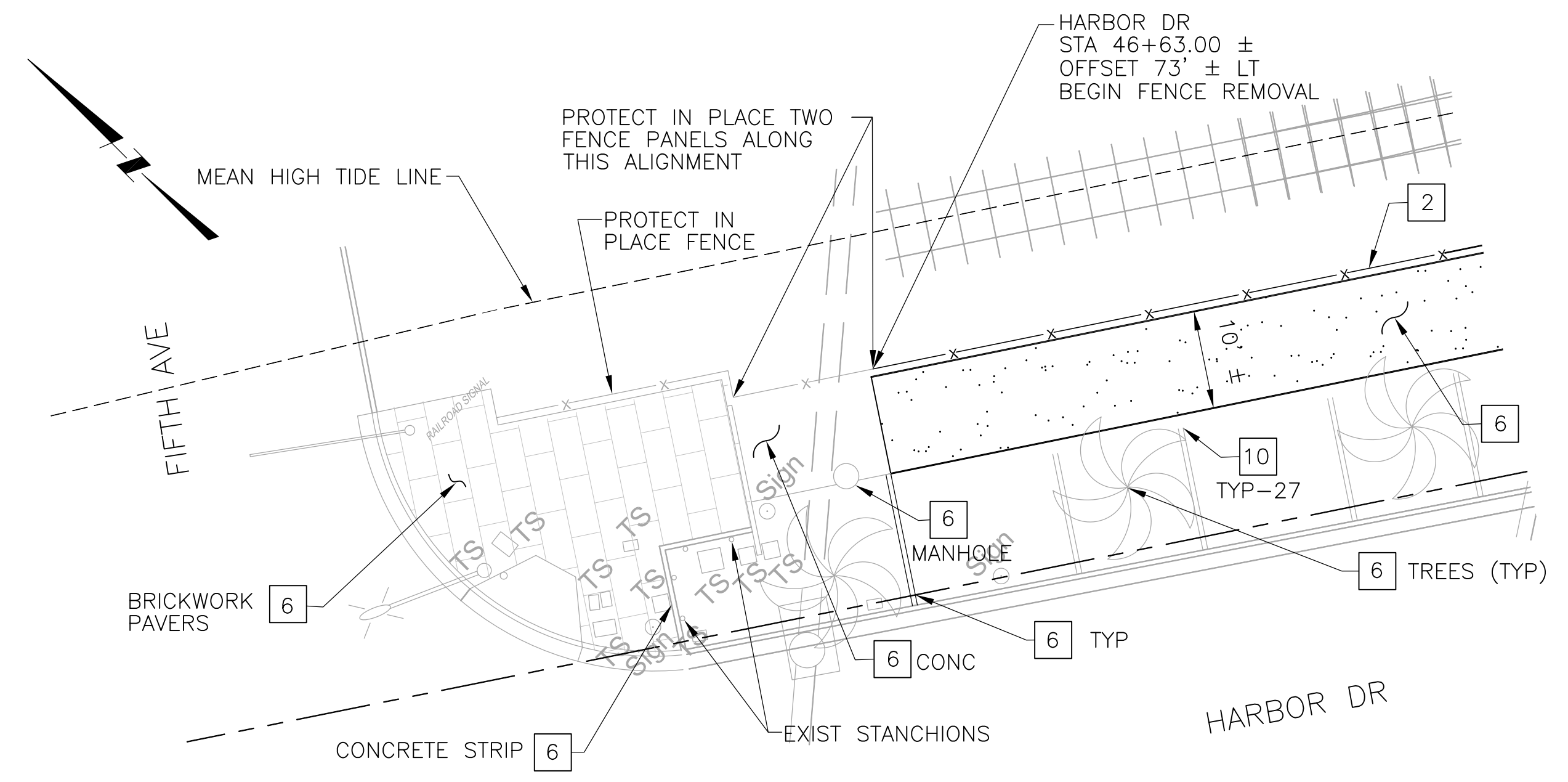
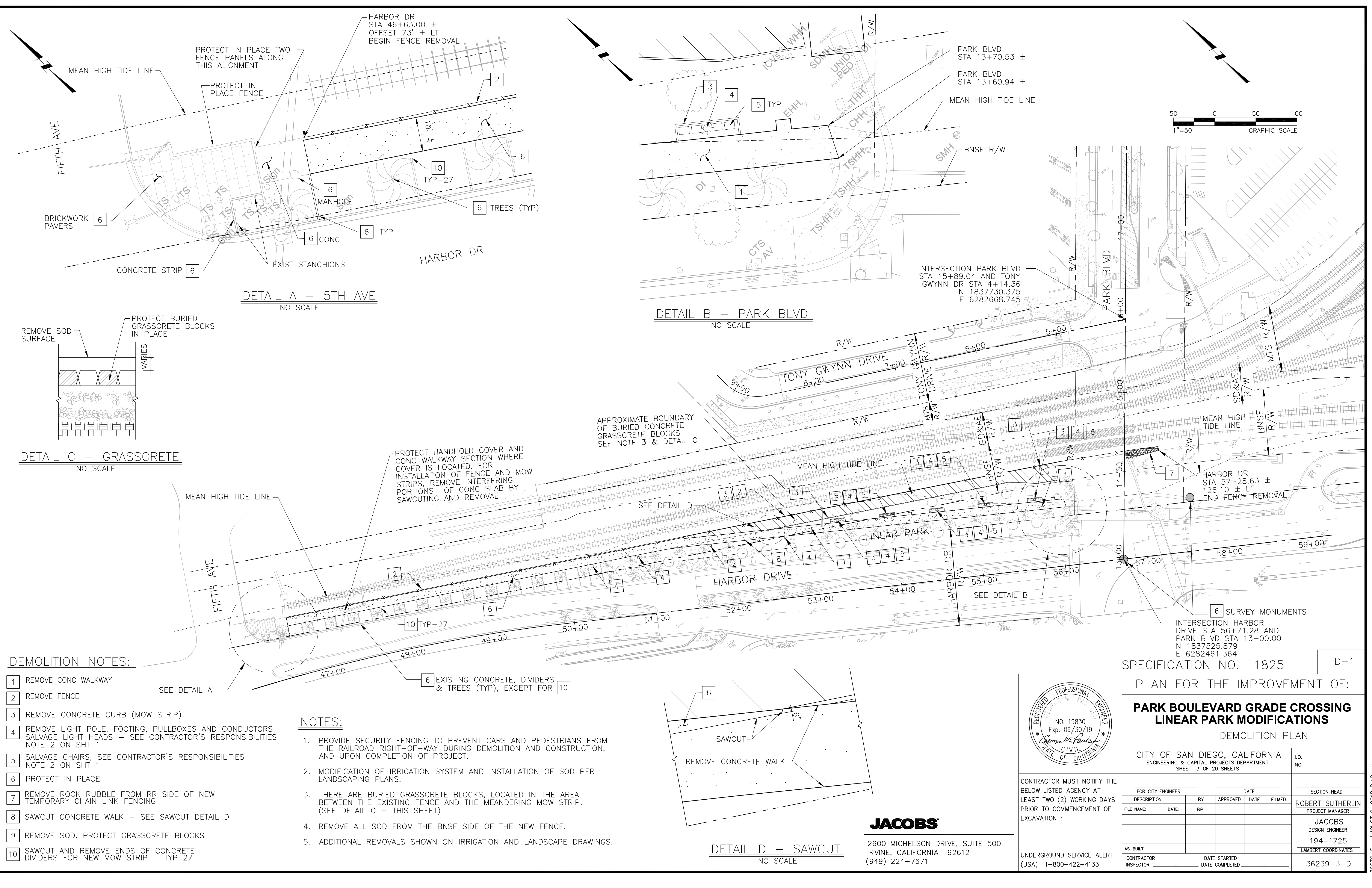
INSPECTOR

DATE COMPLETED

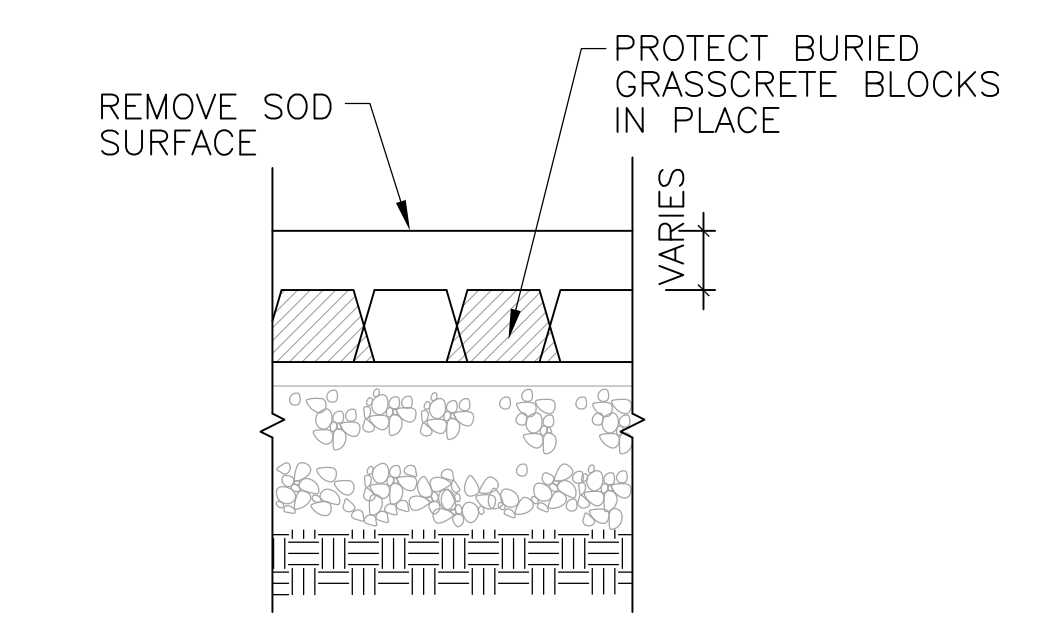
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LAMBERT COORDINATES

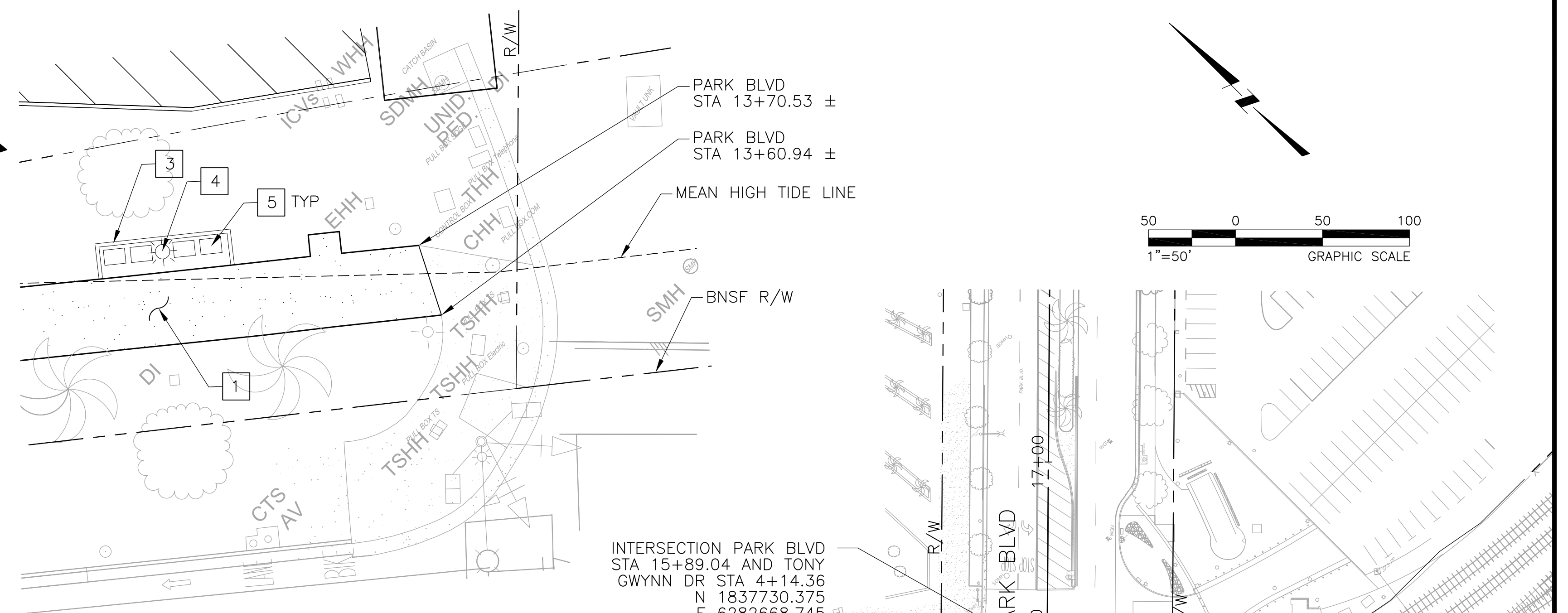
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DETAIL A - 5TH AVE
NO SCALE



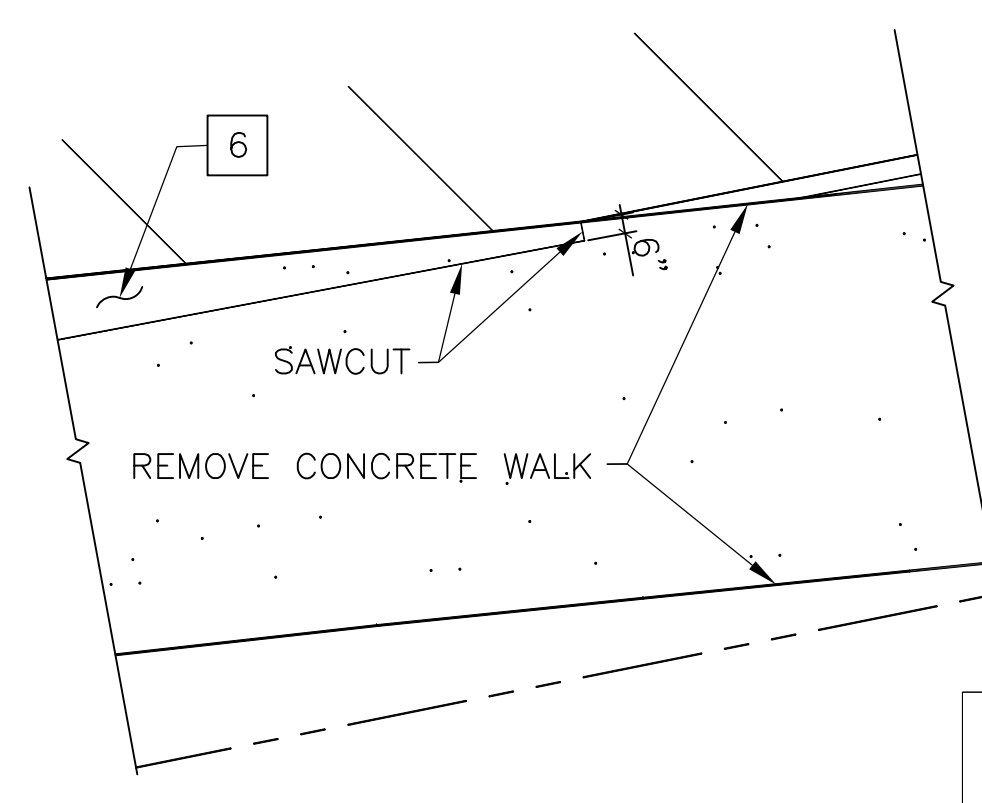
DETAIL C - GRASSCRETE
NO SCALE



DETAIL B - PARK BLVD
NO SCALE

APPROXIMATE BOUNDARY OF BURIED CONCRETE GRASSCRETE BLOCKS SEE NOTE 3 & DETAIL C

PROTECT HANDHOLD COVER AND CONC WALKWAY SECTION WHERE COVER IS LOCATED. FOR INSTALLATION OF FENCE AND MOW STRIPS, REMOVE INTERFERING PORTIONS OF CONC SLAB BY SAWCUTTING AND REMOVAL



DETAIL D - SAWCUT
NO SCALE

DEMOLITION NOTES:

- 1 REMOVE CONC WALKWAY
- 2 REMOVE FENCE
- 3 REMOVE CONCRETE CURB (MOW STRIP)
- 4 REMOVE LIGHT POLE, FOOTING, PULLBOXES AND CONDUCTORS. SALVAGE LIGHT HEADS - SEE CONTRACTOR'S RESPONSIBILITIES NOTE 2 ON SHT 1
- 5 SALVAGE CHAIRS, SEE CONTRACTOR'S RESPONSIBILITIES NOTE 2 ON SHT 1
- 6 PROTECT IN PLACE
- 7 REMOVE ROCK RUBBLE FROM RR SIDE OF NEW TEMPORARY CHAIN LINK FENCING
- 8 SAWCUT CONCRETE WALK - SEE SAWCUT DETAIL D
- 9 REMOVE SOD. PROTECT GRASSCRETE BLOCKS
- 10 SAWCUT AND REMOVE ENDS OF CONCRETE DIVIDERS FOR NEW MOW STRIP - TYP 27

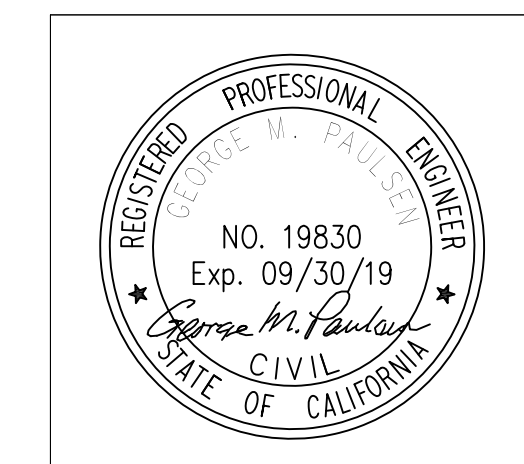
NOTES:

- 1. PROVIDE SECURITY FENCING TO PREVENT CARS AND PEDESTRIANS FROM THE RAILROAD RIGHT-OF-WAY DURING DEMOLITION AND CONSTRUCTION, AND UPON COMPLETION OF PROJECT.
- 2. MODIFICATION OF IRRIGATION SYSTEM AND INSTALLATION OF SOD PER LANDSCAPING PLANS.
- 3. THERE ARE BURIED GRASSCRETE BLOCKS, LOCATED IN THE AREA BETWEEN THE EXISTING FENCE AND THE MEANDERING MOW STRIP. (SEE DETAIL C - THIS SHEET)
- 4. REMOVE ALL SOD FROM THE BNSF SIDE OF THE NEW FENCE.
- 5. ADDITIONAL REMOVALS SHOWN ON IRRIGATION AND LANDSCAPE DRAWINGS.

SPECIFICATION NO. 1825 D-1

PLAN FOR THE IMPROVEMENT OF:
**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS**
DEMOLITION PLAN

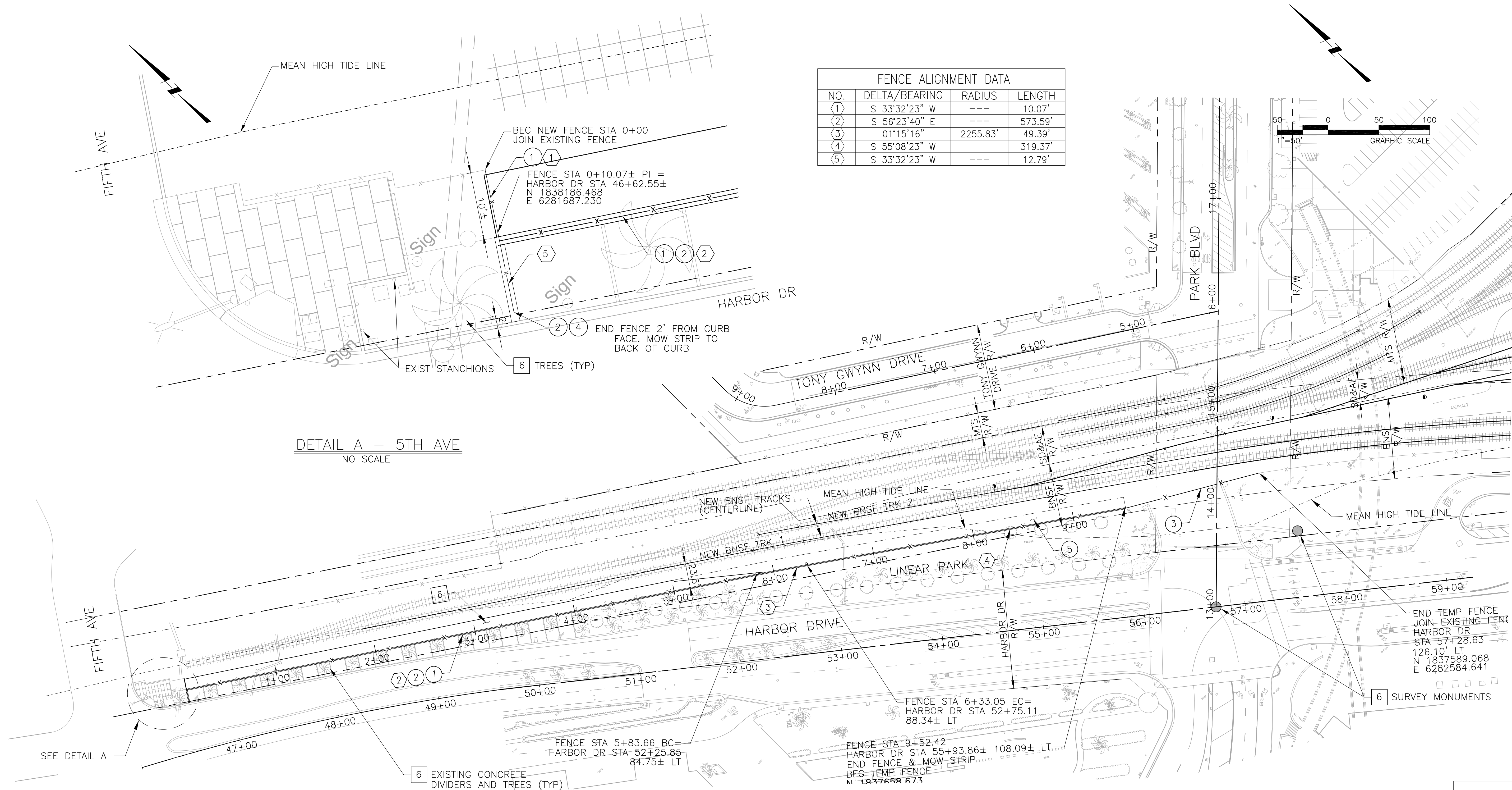
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 3 OF 20 SHEETS				I.O. NO.
FOR CITY ENGINEER		DATE		SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILED
FILE NAME:	DATE:	RP		
AS-BUILT				CONTRACTOR
INSPECTOR				DATE STARTED
				DATE COMPLETED
				36239-3-D



CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

JACOBS
2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
(949) 224-7671

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133



FENCE ALIGNMENT DATA			
NO.	DELTA/BEARING	RADIUS	LENGTH
1	S 33°32'23" W	---	10.07'
2	S 56°23'40" E	---	573.59'
3	01°15'16"	2255.83'	49.39'
4	S 55°08'23" W	---	319.37'
5	S 33°32'23" W	---	12.79'



DETAIL A - 5TH AVE
NO SCALE

CONSTRUCTION NOTES:

- 1. CONSTRUCT NEW 6-FT CL FENCE
- 2. CONSTRUCT CONCRETE MOW STRIP PER SDL-103, TYPE B
- 3. CONSTRUCT TEMPORARY 6-FT CL FENCE (136-FT±)
- 4. CONSTRUCT NEW 4-FT CL FENCE
- 5. BACKFILL AREA OF SOD REMOVAL WITH GRAVEL 3/4" MAX
- 6. PROTECT IN PLACE

NOTES:

- 1. NEW FENCE WILL BE 23-FT ± FROM NEW BNSF TRK 1 FROM 5TH AVE TO HARBOR DRIVE STA 55+93.86±. CONSTRUCT NEW MOW STRIP AND FENCE AT EDGE OF EXISTING WALKWAY STA 00+10.07 TO APPROX STA 6+18. CONTINUE SAME OFFSET FROM PROPOSED NEW BNSF TRACK BEYOND AREA OF LANDSCAPE DIVIDERS.
- 2. ESTABLISH VERTICAL ALIGNMENT OF NEW FENCE AND MOW STRIP TO MATCH THE ELEVATION OF THE EXISTING LANDSCAPE DIVIDERS. BEYOND THE AREA OF THE EXISTING DIVIDERS, ESTABLISH VERTICAL ALIGNMENT TO BE APPROXIMATELY 1-INCH ABOVE THE EXISTING HIGH POINTS ON HARBOR DRIVE SIDE OF NEW FENCE. PERFORM MINOR GRADING TO FILL IN LOW AREAS TO APPROXIMATELY 2-FEET FROM NEW MOW STRIP.
- 3. TRACK MODIFICATIONS NOT INCLUDED IN THIS CONTRACT.

JACOBS

2600 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612
(949) 224-7671



CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

SPECIFICATION NO. 1825

C-1

PLAN FOR THE IMPROVEMENT OF:

PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS

FENCING PLAN

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 4 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER

DATE

DESCRIPTION

BY

APPROVED

DATE

FILED

FILE NAME:

DATE:

RP

SECTION HEAD

ROBERT SUTHERLIN
PROJECT MANAGER

JACOBS
DESIGN ENGINEER

194-1725

LAMBERT COORDINATES

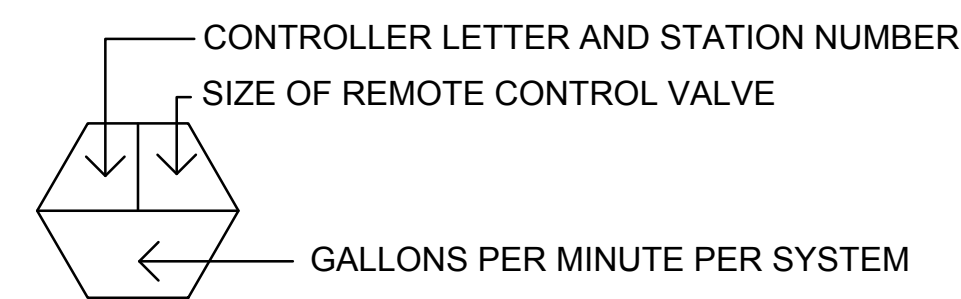
36239-4-D

IRRIGATION LEGEND													
SYMBOL	DESCRIPTION	PSI	RADIUS	GALLONS PER MINUTE						MANUFACTURER	MODEL	DETAIL	DRAWING NO.
				360°	270°	210°	180°	120°	90°				
	6" POP-UP MULTI STREAM ROTATING NOZZLE	30	27'	3.20	—	—	1.63	—	.81	HUNTER	PROS-06-PRS30-CV-MP30 00	SDI-103	SDRSD
	6" POP-UP MULTI STREAM ROTATING NOZZLE	30	17'	—	—	—	.69	—	.43	HUNTER	PROS-06-PRS30-CV-MP20 00	SDI-103	SDRSD
SYMBOL	DESCRIPTION									MANUFACTURER	MODEL	DETAIL	REF / SHT
	AUTOMATIC CONTROLLER - PEDESTAL MOUNT - SIZE AS INDICATED ON PLAN WIRELESS RAIN SENSOR STAINLESS STEEL ENCLOSURE									HUNTER HUNTER STRONG BOX	ICC WR CLIK SB-18SS (PED)	SDI-117	SDRSD
	EXISTING REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER - SIZE AS INDICATED ON PLAN REPLACE EXISTING BACKFLOW PREVENTER ENCLOSURE WITH STAINLESS STEEL SOFT TOUCH									WILKINS STRONG BOX	#975XLS SBBC-30SS	SDW-155	SDRSD
	PRESSURE REDUCING VALVE & WYE STRAINER. SIZE AS INDICATED ON PLAN. FACTORY SET AT 75 PSI. WYE STAINER WITH 60 MESH SCREEN									WILKINS WILKINS	#500 YSBR #YB w/ 60 MESH SCREEN	B	L-10
	GLOBE VALVE W / ALTERNATE PIPE SLEEVE AND TEE INSTALLATION - SIZE AS INDICATED ON PLAN RED BRONZE CROSS HANDLE LOCKING CAP									NIBCO NIBCO WEATHERMATIC	#T-211-B CROSS HANDLE #906-L	SDI-106; SDI-125	SDRSD
	QUICK COUPLING VALVE - 1" WITH LOCKING CAP									RAINBIRD	#44LRC	SDI-105; SDI-126	SDRSD
	MAIN PRESSURE LINE (CLASS 315 PVC FOR 2" & LARGER) (SCHEDULE 40 PVC FOR PIPE 1-1/2" & SMALLER)									PW EAGLE OR APPROVED EQUAL		SDI-110	SDRSD
	LATERAL NON-PRESSURE LINE SCHEDULE 40 PVC - 3/4" MINIMUM SIZE									PW EAGLE OR APPROVED EQUAL		SDI-110	SDRSD
	PIPE SLEEVES SCHEDULE 40 PVC (2 SIZES LARGER THAN MAIN OR LATERAL LINE)									PW EAGLE OR APPROVED EQUAL		SDI-110	SDRSD
	PULL BOX									BROOKS , CARSON OR APPROVED EQUAL.		SDI-115	SDRSD
	DIRECT BURIAL CONTROL WIRE (SOLID COPPER - COLOR CODED)											SDI-119; SDI-106	SDRSD
	WIRE CONNECTION WITH SOLDER WIRE CONNECTIONS									DRI-SPLICE	100 / 300	A	L-10

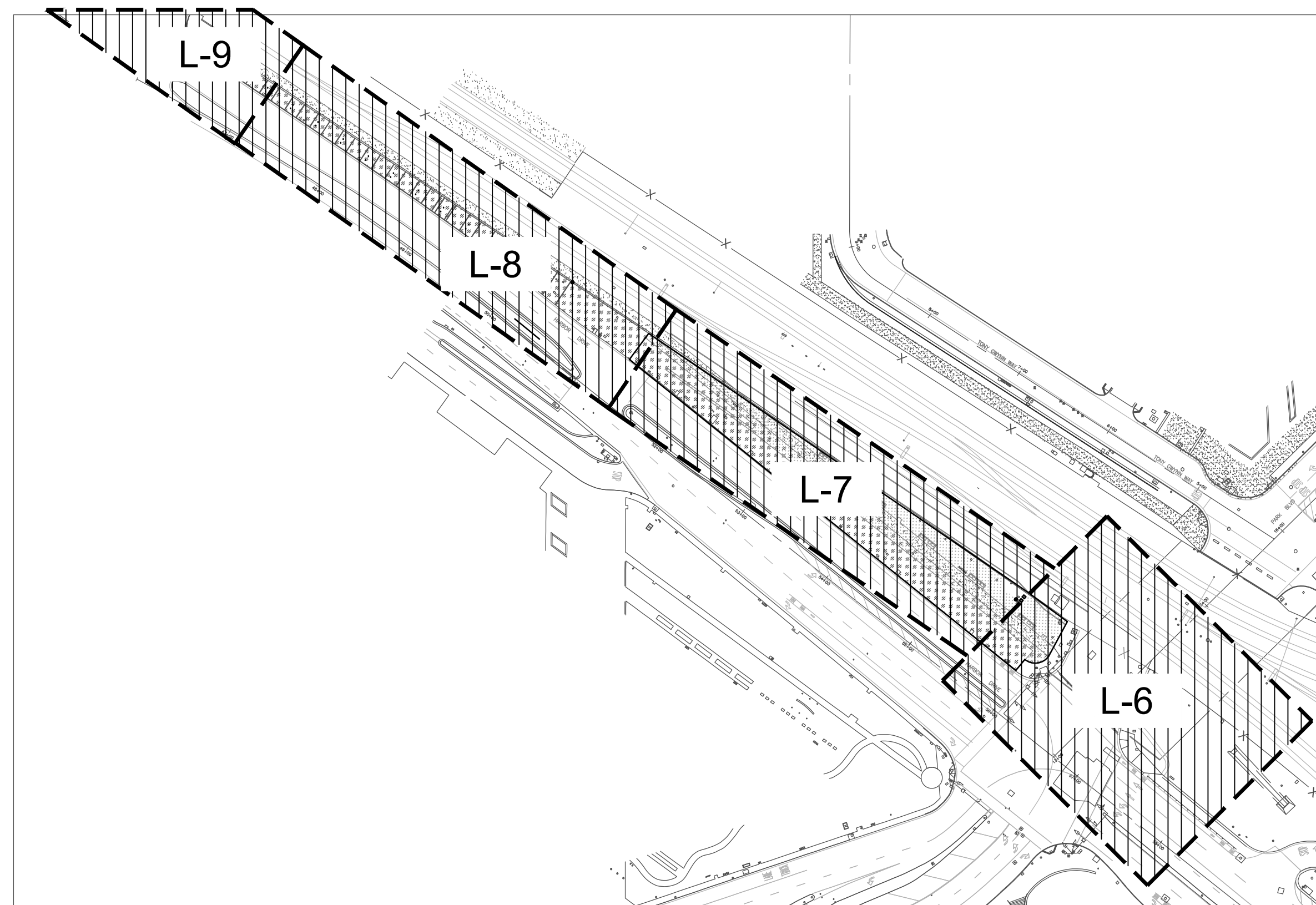
IRRIGATION DEMOLITION LEGEND					
	EXISTING ROTOR HEAD TO BE PROTECTED IN PLACE	HUNTER	I-20	-	-
	EXISTING ROTOR HEAD TO BE REMOVED AND SALVAGED	HUNTER	I-20	-	-
	EXISTING REMOTE CONTROL VALVE TO BE PROTECTED IN PLACE	-	-	-	-
	EXISTING REMOTE CONTROL VALVE TO BE REMOVED AND SALVAGED	-	-	-	-
	EXISTING QUICK COUPLER TO BE REMOVED AND SALVAGED				
	EXISTING REMOTE CONTROL VALVE BOX TO BE REMOVED				
	EXISTING SHUTOFF VALVE TO BE REMOVED AND SALVAGED				
	EXISTING IRRIGATION CONTROLLER - SEE SHEET L-2 CALL-OUT				
	EXISTING LATERAL TO BE PROTECTED IN PLACE				
	EXISTING LATERAL TO BE ABANDONED / REMOVED				
	EXISTING IRRIGATION MAINLINE AND CONTROL WIRE TO BE PROTECTED IN PLACE				
	EXISTING IRRIGATION MAINLINE AND CONTROL WIRE TO BE ABANDONED				

GPW ADJUSTED FOR 12 INCH ROTOR
POP-UPS (+.75 GPW)

CONVENTIONAL RCV



MINIMUM DEPTH OF COVER OVER PIPE AND WIRE ARE:
PIPE UNDER TRAFFIC LOADS: 36" MINIMUM DEPTH
MAIN PRESSURE LINES: 18" MINIMUM DEPTH
LATERAL NON-PRESSURE LINES: 12" MINIMUM DEPTH
CONTROL WIRING: 18" MINIMUM DEPTH
POLYETHYLENE LATERAL PIPE: 4" MINIMUM DEPTH
CONTROL WIRING PIPE UNDER TRAFFIC LOADS: 30" MINIMUM



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825 L-1

PLAN FOR THE IMPROVEMENT OF:

PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION LEGEND AND NOTES

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 5 OF 20 SHEETS

FOR CITY ENGINEER		DATE		SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP			JACOBS DESIGN ENGINEER
					194-1725
					LAMBERT COORDINATES
AS-BUILT					36239- 5 -D
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			

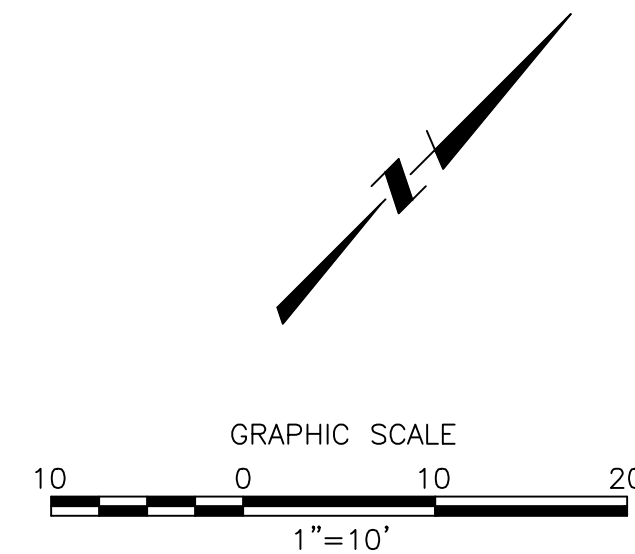
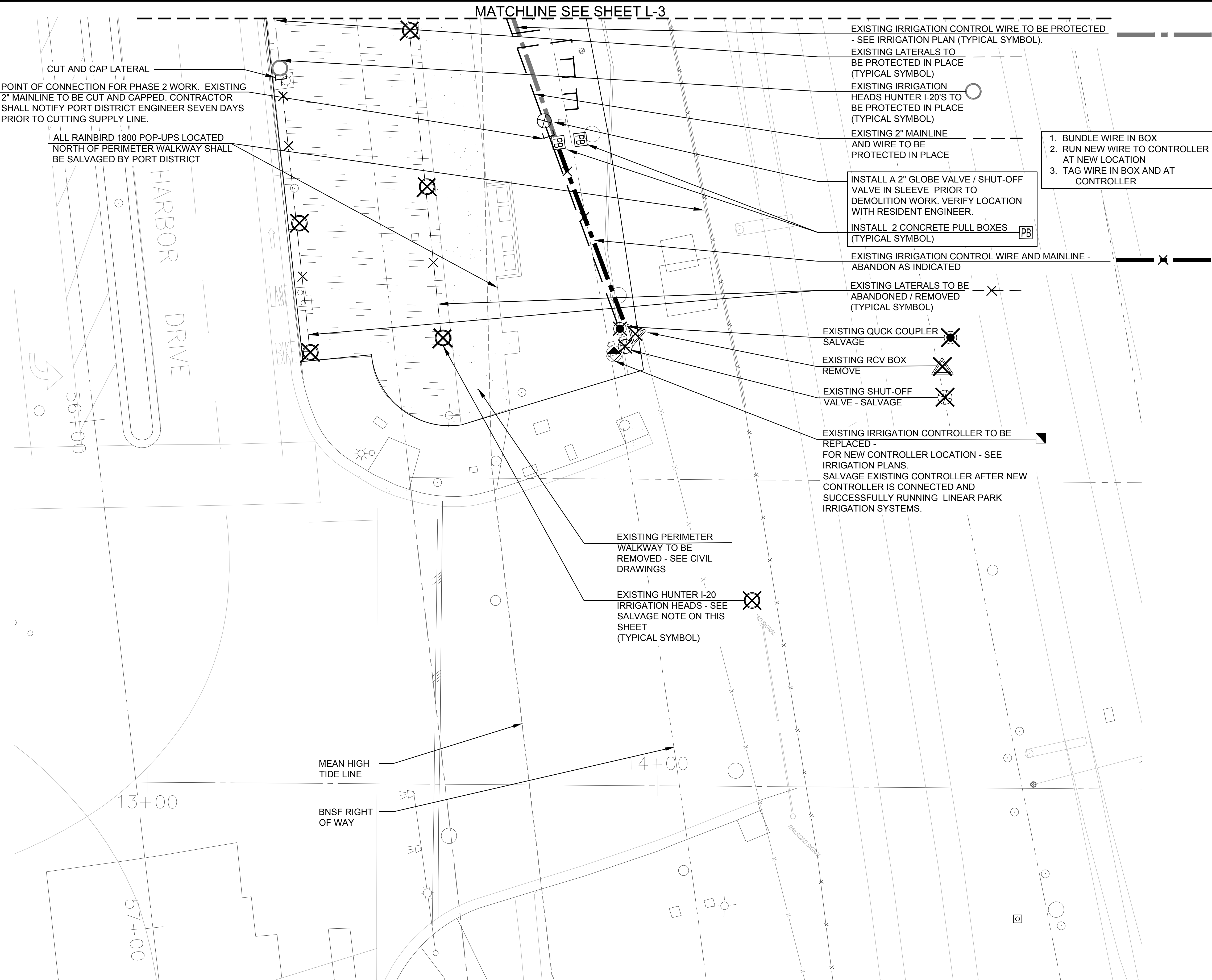


LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

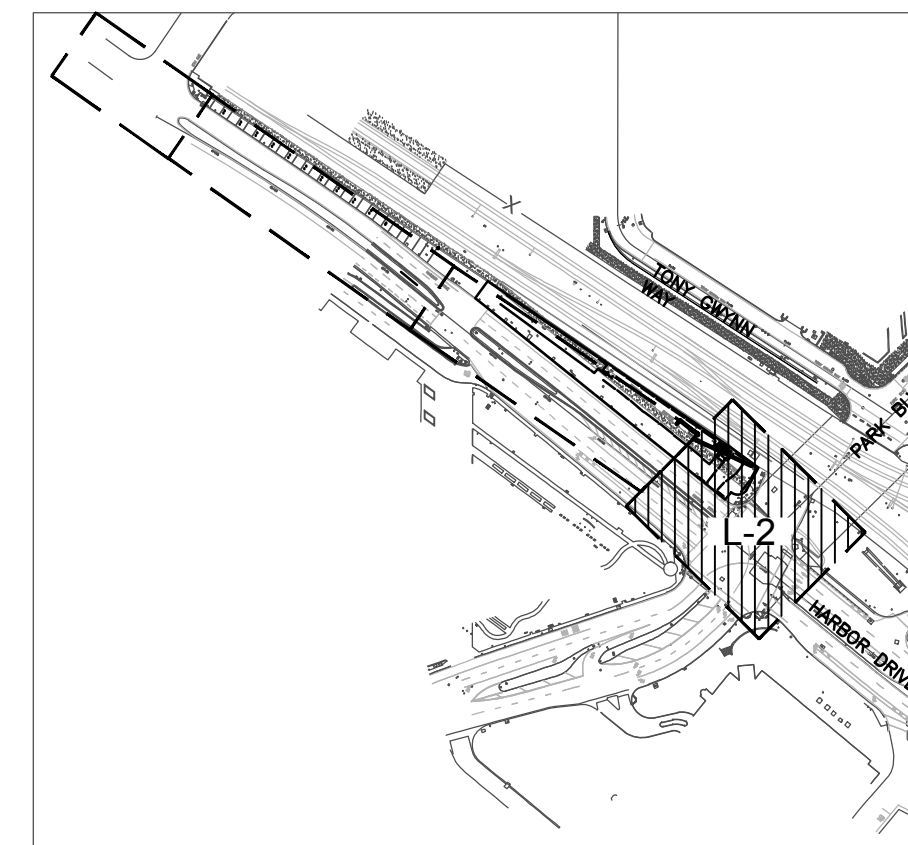
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619) 232-4747 FAX(619) 232-4510



NOTE:
REMOVE ALL SOD AND CONCRETE FROM THE BNSF SIDE OF THE NEW FENCE, EXCEPT AS NOTED.

SALVAGE NOTE:
IRRIGATION HEADS TO BE REMOVED / SALVAGED AS SHOWN. BY PORT DISTRICT. ALL RAINBIRD 1800 POP-UPS LOCATED NORTH OF PERIMETER WALKWAY SHALL BE REMOVED / SALVAGED (NOT SHOWN).



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-2

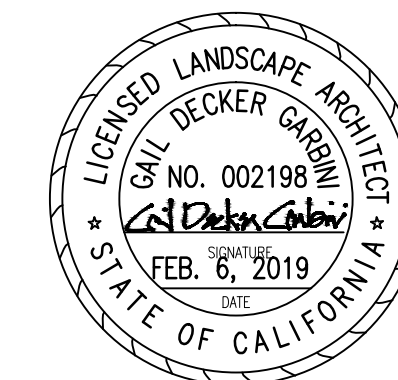
PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION DEMOLITION PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 6 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER		DATE		SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP			JACOBS DESIGN ENGINEER
					194-1725
					LAMBERT COORDINATES
AS-BUILT					36239-6 -D
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			

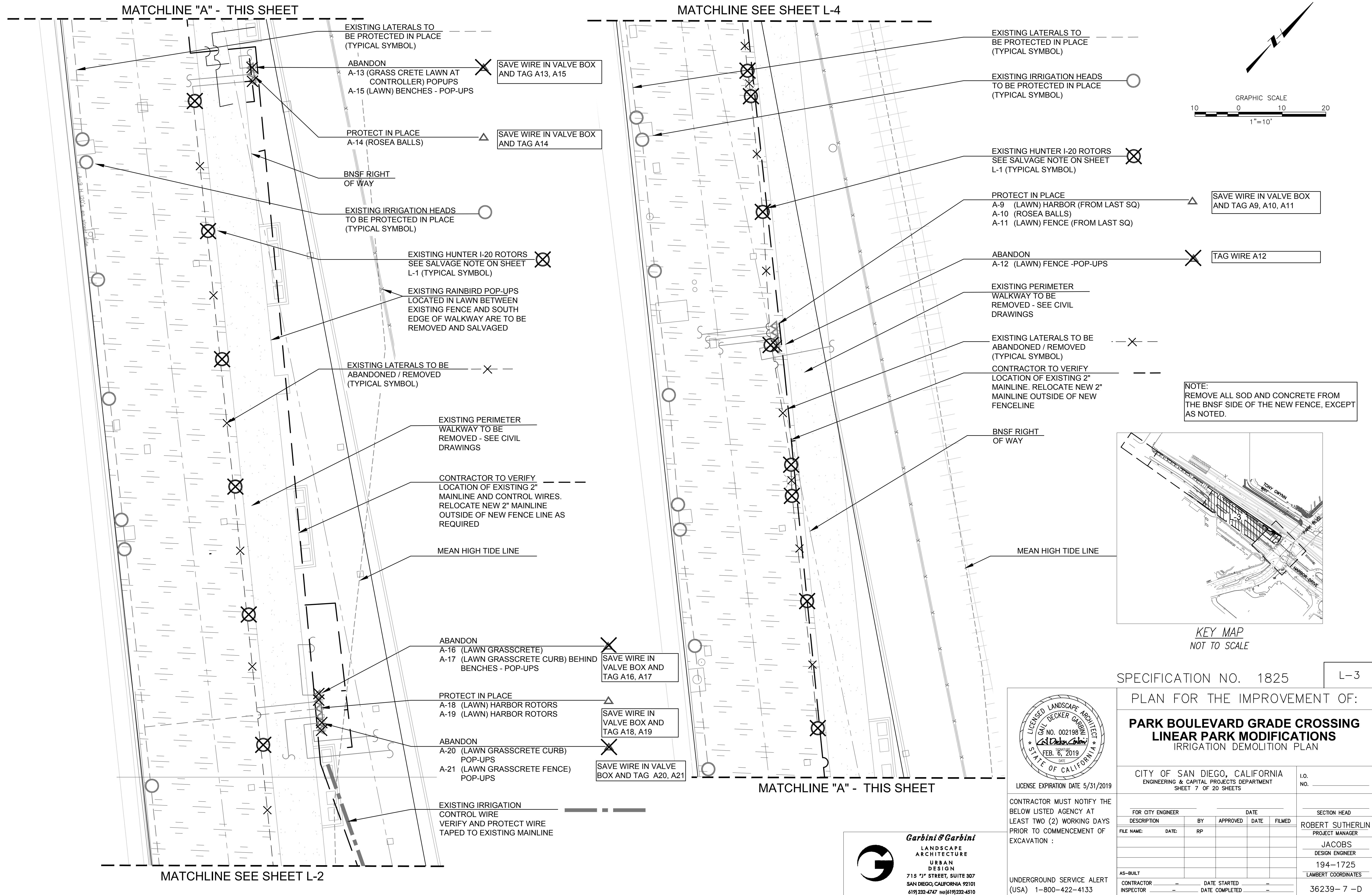


LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

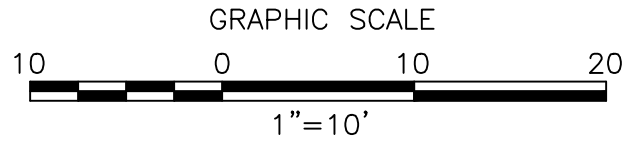
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133





MATCHLINE "A" - THIS SHEET

MATCHLINE SEE SHEET L-5



NOTE:
REMOVE ALL SOD AND CONCRETE FROM
THE BNSF SIDE OF THE NEW FENCE, EXCEPT
AS NOTED.

PROTECT IN PLACE
A-5 (IVY SQ #3) FENCE
A-6 (LAWN SQ #3) HARBOR
A-7 (LAWN SQ #4) FENCE
A-8 (IVY SQ #4) HARBOR

REWIRE FROM
NEW PULLBOX TO
NEW LOCATION OF
CONTROLLER

INSTALL 2" GLOBE VALVE
/ SHUT-OFF VALVE IN
SLEEVE PRIOR TO
DEMOLITION WORK

MEAN HIGH TIDE LINE

EXISTING IRRIGATION
HEADS TO BE
PROTECTED IN PLACE
(TYPICAL SYMBOL)

EXISTING HUNTER I-20
ROTORS SEE SALVAGE
NOTE ON SHEET L-1
(TYPICAL SYMBOL)

EXISTING LATERALS TO BE
REMOVED
(TYPICAL SYMBOL)

BNSF RIGHT
OF WAY

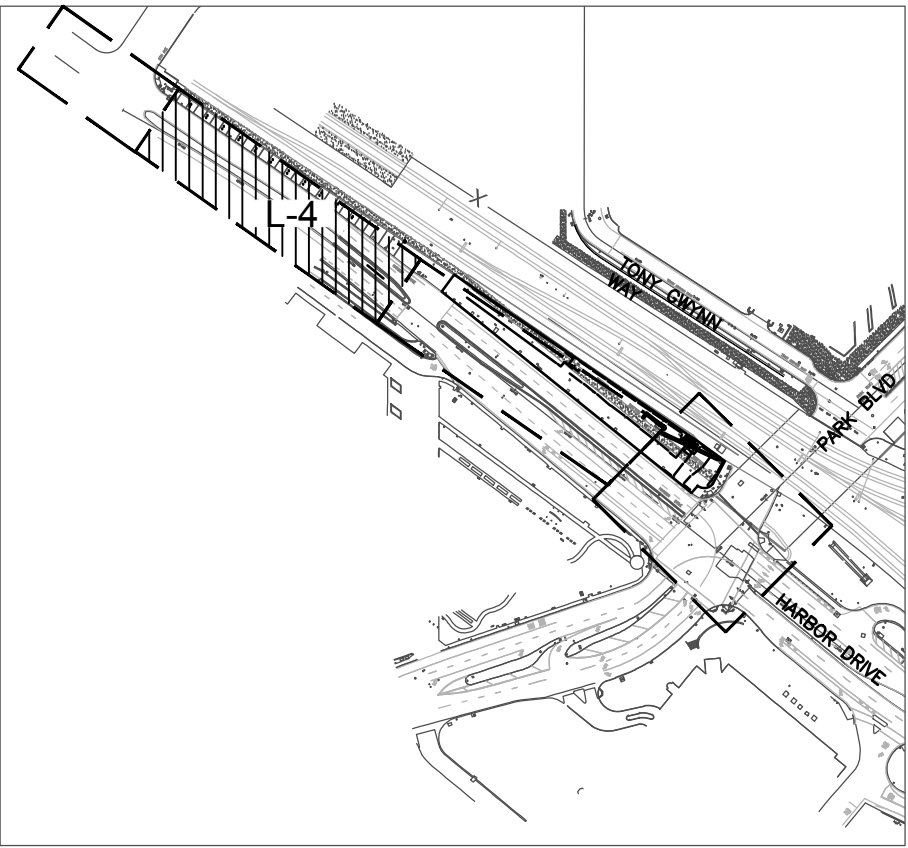
EXISTING LATERALS TO
BE PROTECTED IN PLACE
(TYPICAL SYMBOL)

EXISTING 2" MAINLINE TO
BE PROTECTED IN PLACE
(TYPICAL SYMBOL)

MEAN HIGH TIDE LINE

EXISTING 2" MAINLINE TO
BE PROTECTED IN PLACE

BNSF RIGHT
OF WAY



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-4

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION DEMOLITION PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 8 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER
DESCRIPTION BY APPROVED DATE FILMED

SECTION HEAD
ROBERT SUTHERLIN
PROJECT MANAGER

FILE NAME: DATE: RP

JACOBS
DESIGN ENGINEER
194-1725
LAMBERT COORDINATES

AS-BUILT
CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

36239-8-D



LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

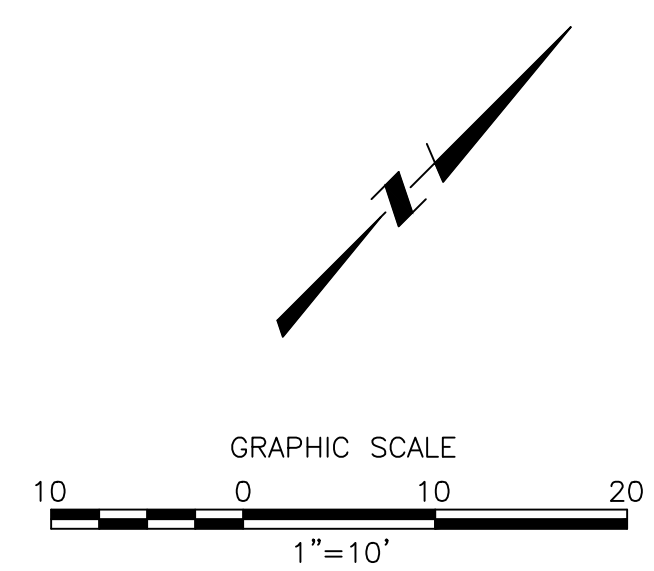
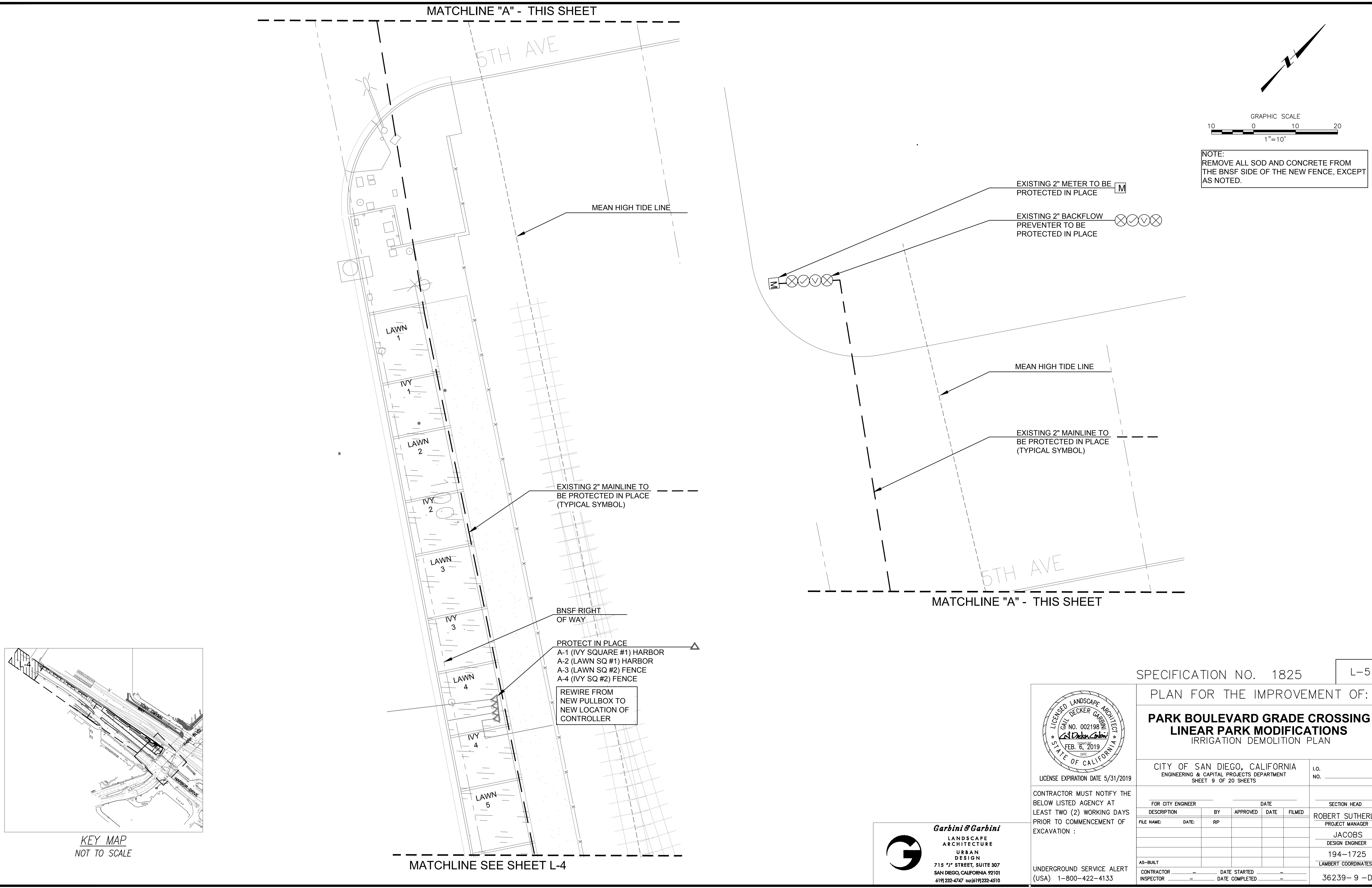
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619/232-4747 FAX 619/232-4510

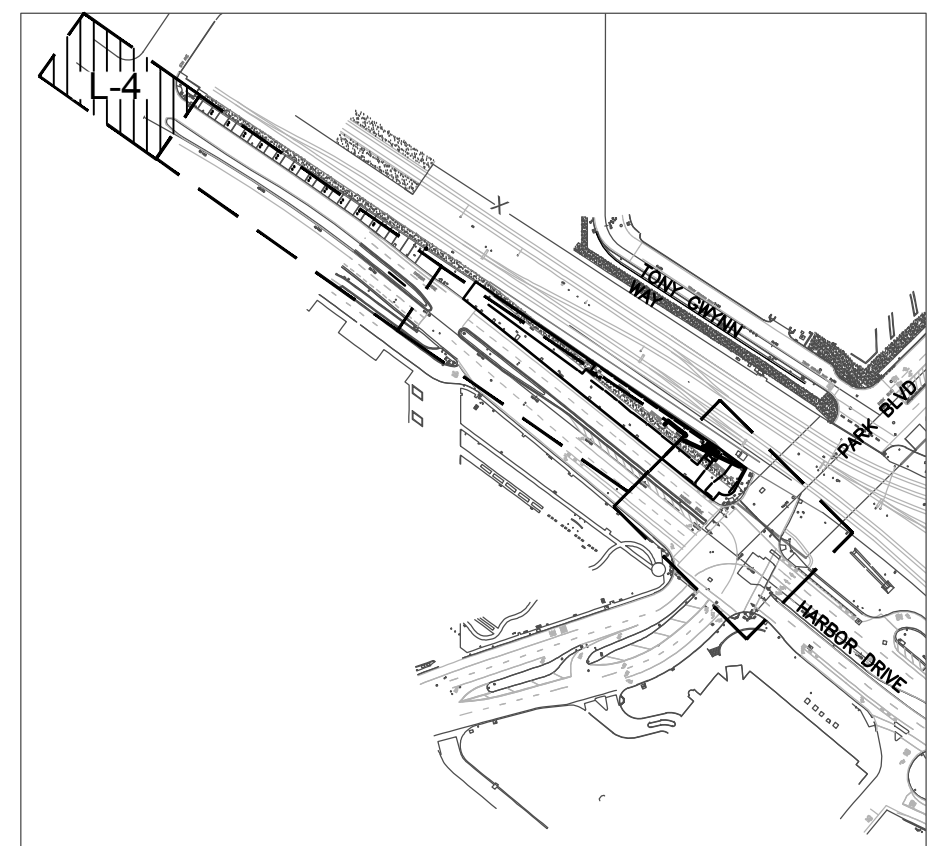


MATCHLINE SEE SHEET L-3

MATCHLINE "A" - THIS SHEET



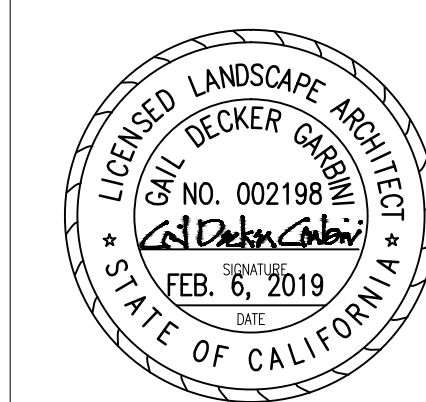
NOTE:
REMOVE ALL SOD AND CONCRETE FROM
THE BNSF SIDE OF THE NEW FENCE, EXCEPT
AS NOTED.



KEY MAP
NOT TO SCALE



Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619) 232-4747 fax(619) 232-4510



LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

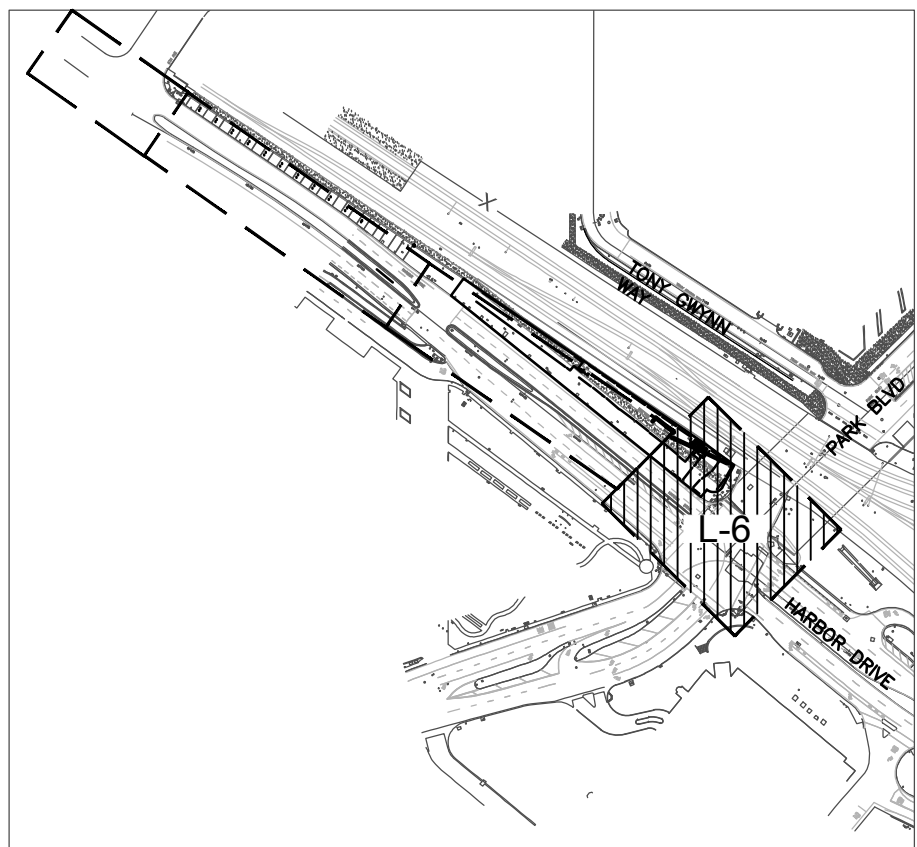
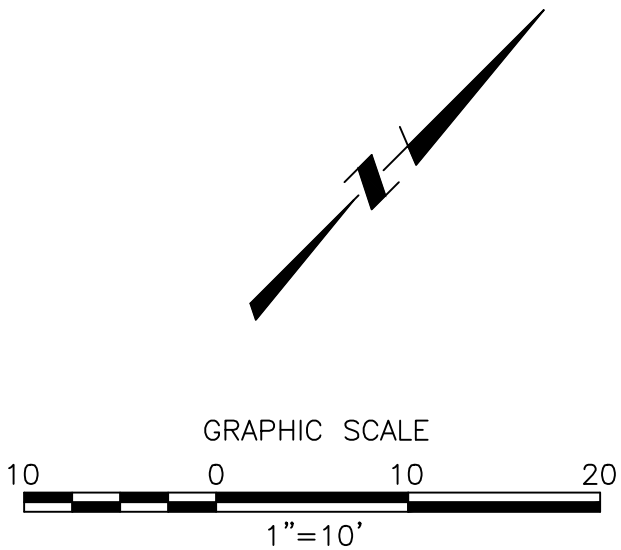
SPECIFICATION NO. 1825 L-5

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION DEMOLITION PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 9 OF 20 SHEETS

FOR CITY ENGINEER					DATE	SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED		ROBERT SUTHERLIN	
FILE NAME:	DATE:	RP				PROJECT MANAGER	
						JACOBS	
						DESIGN ENGINEER	
						194-1725	
						LAMBERT COORDINATES	
AS-BUILT						36239- 9 -D	
CONTRACTOR			DATE STARTED				
INSPECTOR			DATE COMPLETED				



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-6

PLAN FOR THE IMPROVEMENT OF:

PARK BOULEVARD GRADE CROSSING LINEAR PARK MODIFICATIONS IRRIGATION PLAN

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 10 OF 20 SHEETS

I.O.
NO

FOR CITY ENGINEER		DATE			SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN PROJECT MANAGER JACOBS DESIGN ENGINEER 194-1725 LAMBERT COORDINATES 36239-10-D	
FILE NAME:	DATE:	RP				
AS-BUILT						
CONTRACTOR	—	DATE STARTED	—			
INSPECTOR	—	DATE COMPLETED	—			

LOCATION OF IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY FOR CLARITY. LOCATE EQUIPMENT WITHIN PLANTING AREAS WHEREVER POSSIBLE.

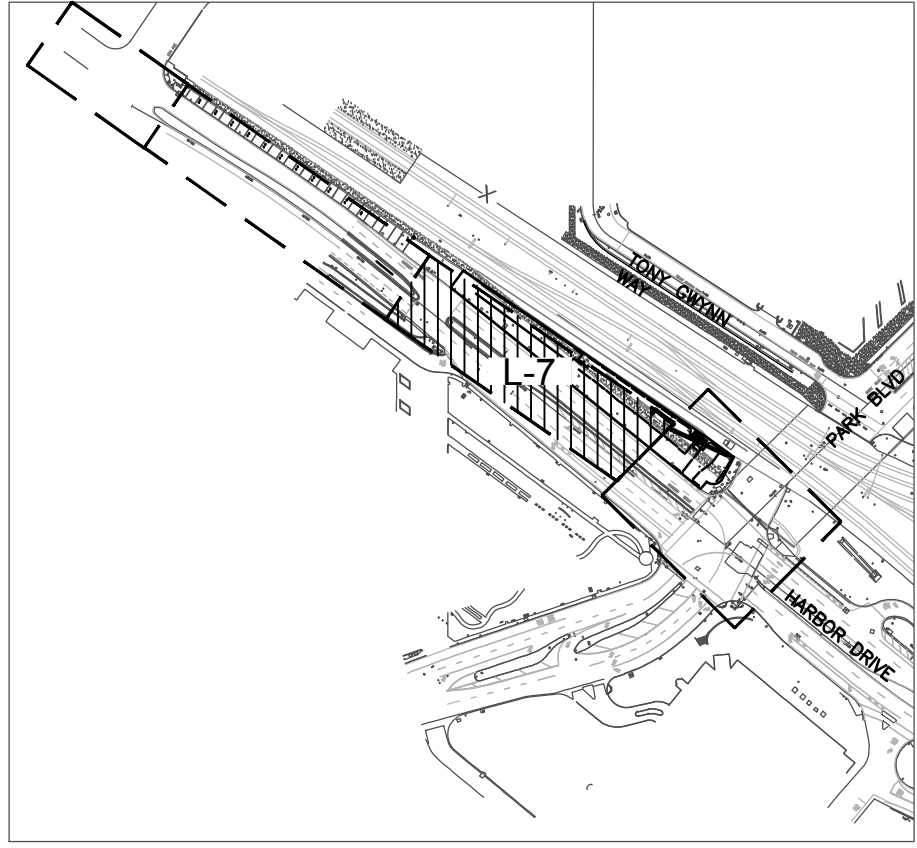
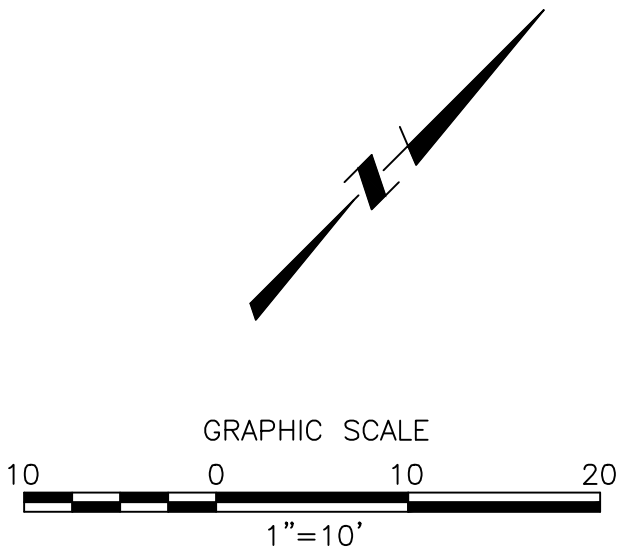
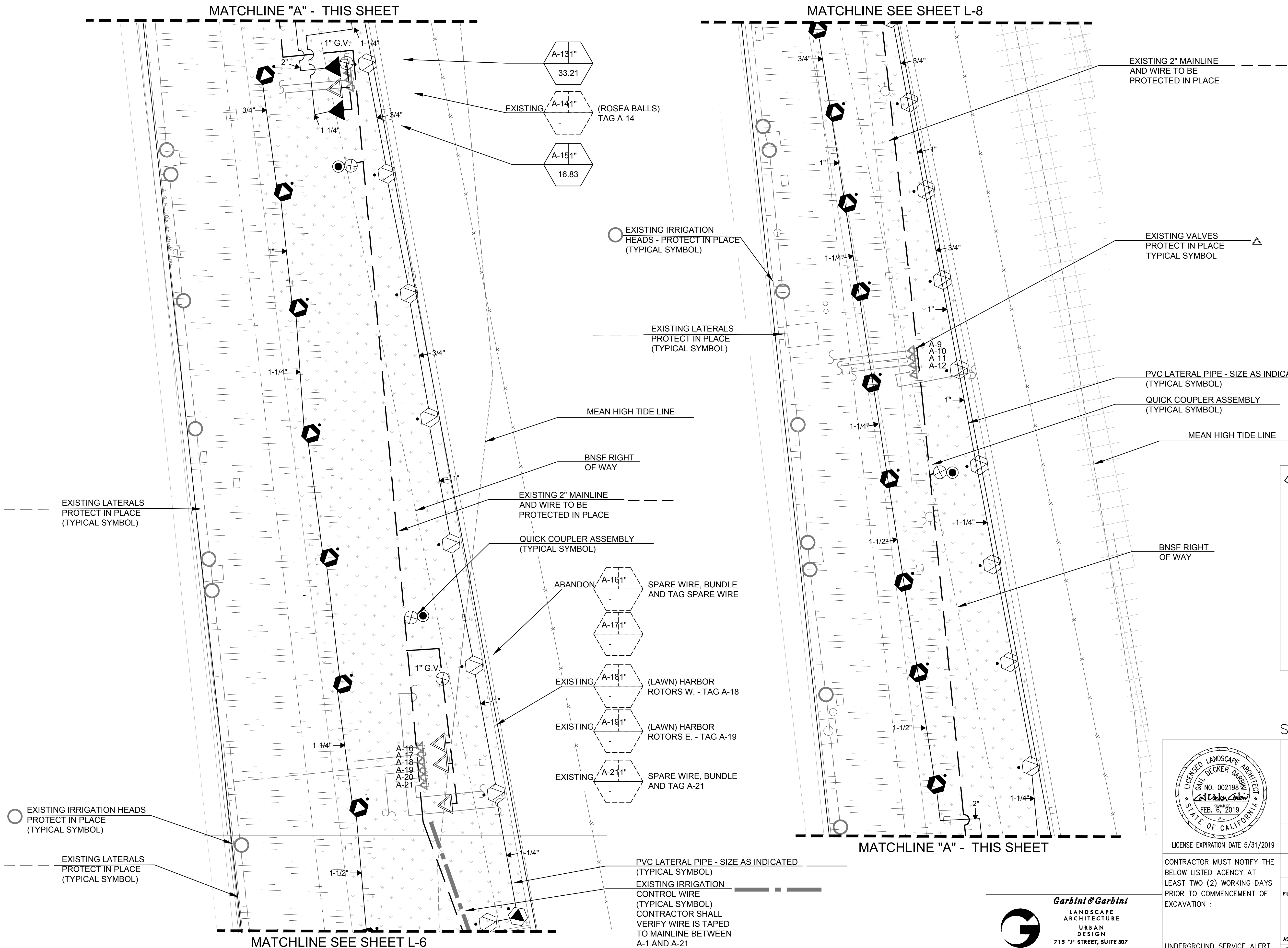


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LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619/232-4747 FAX 619/232-4510

LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825 L-7

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 11 OF 20 SHEETS

FOR CITY ENGINEER		DATE			SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN	
FILE NAME:	DATE:	RP			PROJECT MANAGER	
					JACOBS	
					DESIGN ENGINEER	
					194-1725	
AS-BUILT					LAMBERT COORDINATES	
CONTRACTOR		DATE STARTED		36239-11-D		
INSPECTOR		DATE COMPLETED				



LICENSE EXPIRATION DATE: 5/31/2019

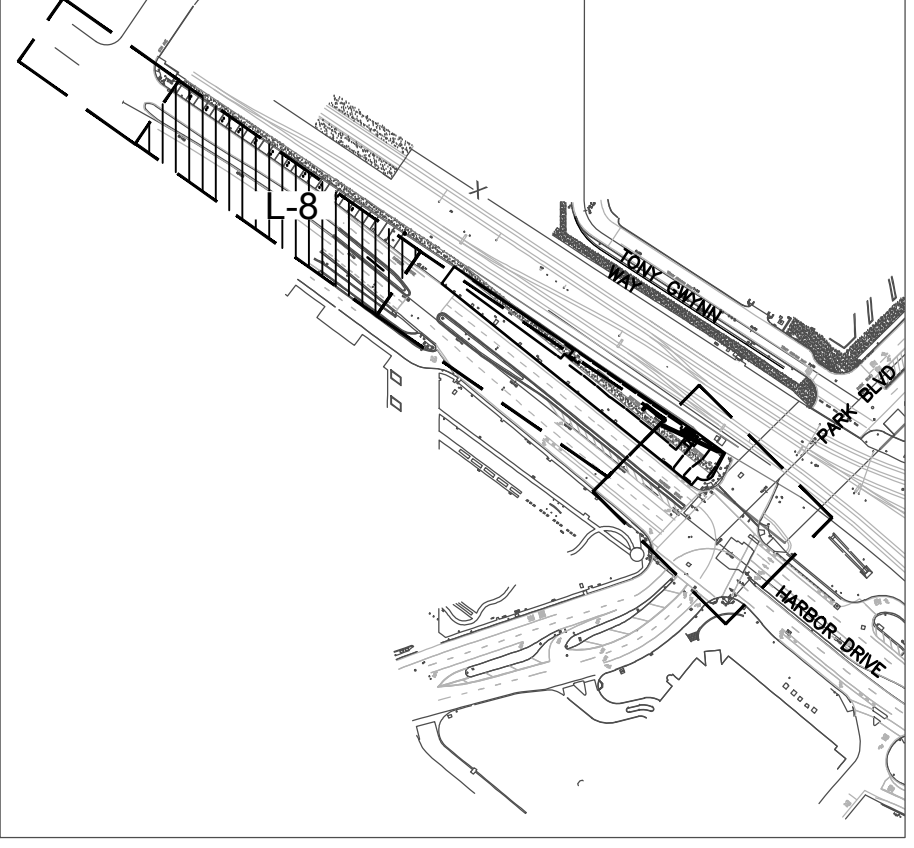
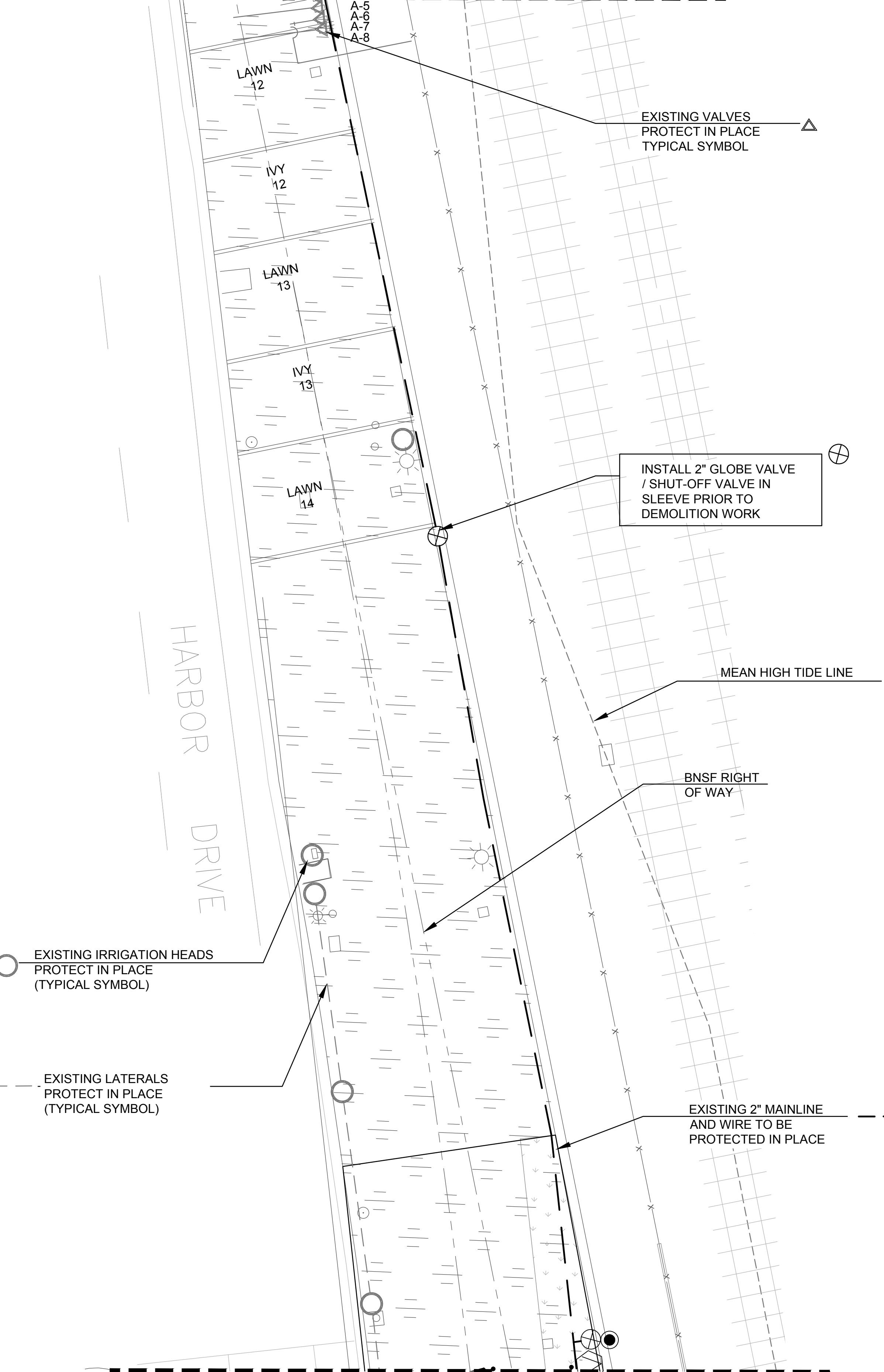
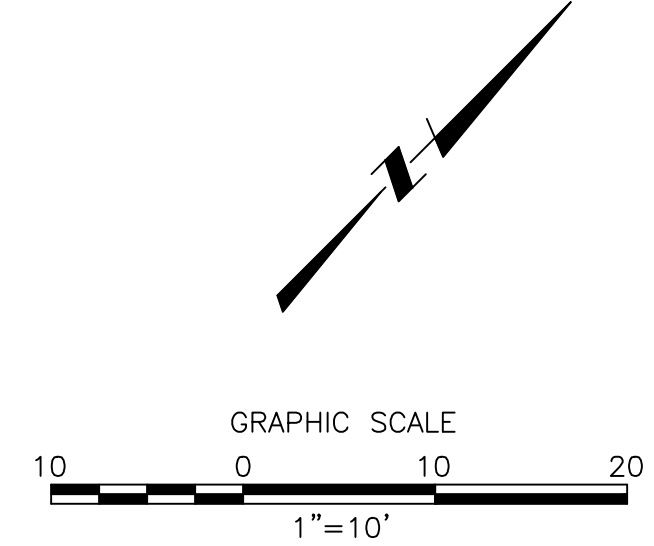
CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

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LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619) 232-4747 FAX (619) 232-4510

MATCHLINE "A" - THIS SHEET

MATCHLINE SEE SHEET L-9



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-8

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
IRRIGATION PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 12 OF 20 SHEETS

I.O.
NO.



LICENSE EXPIRATION DATE: 5/31/2019

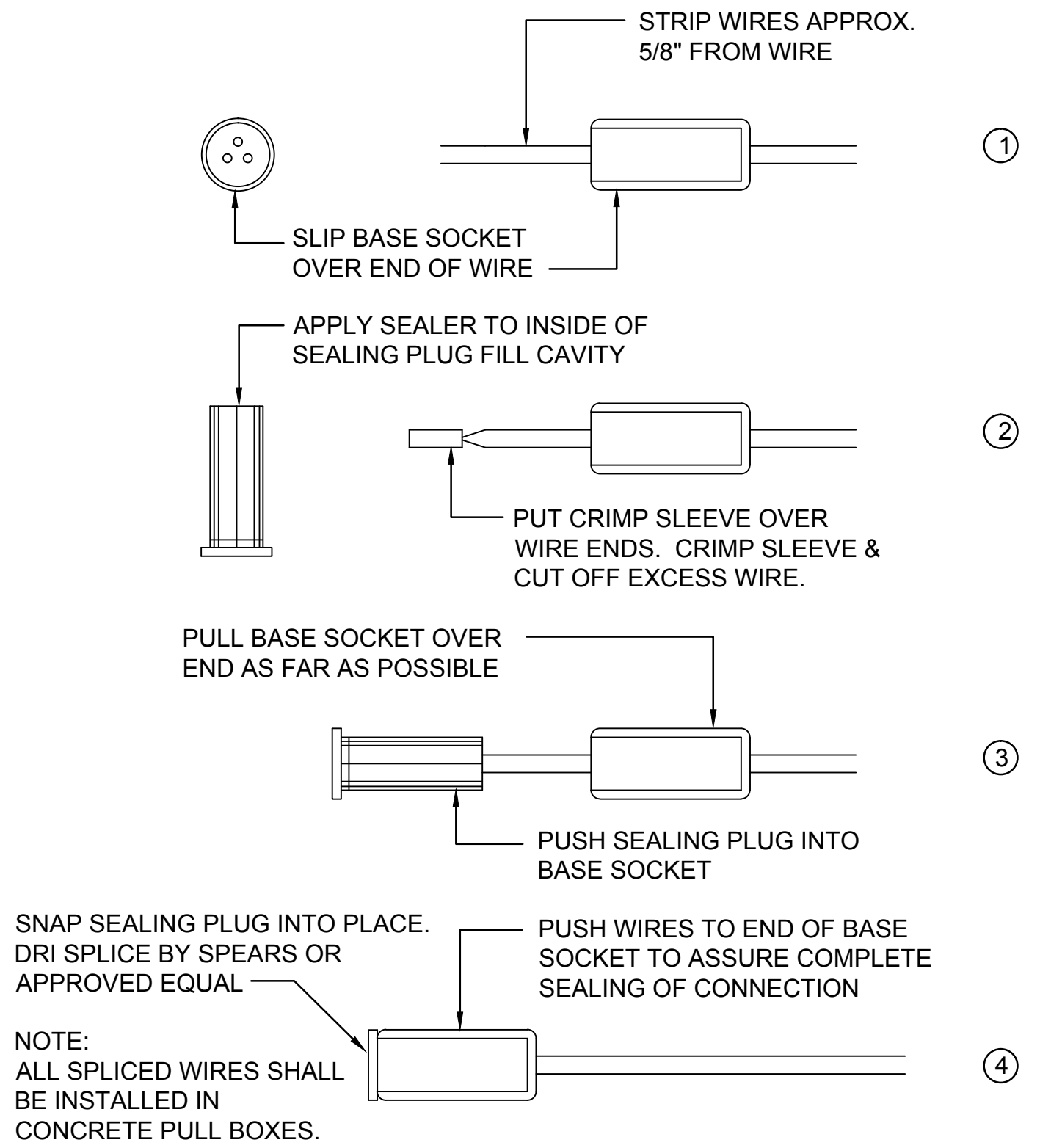
CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

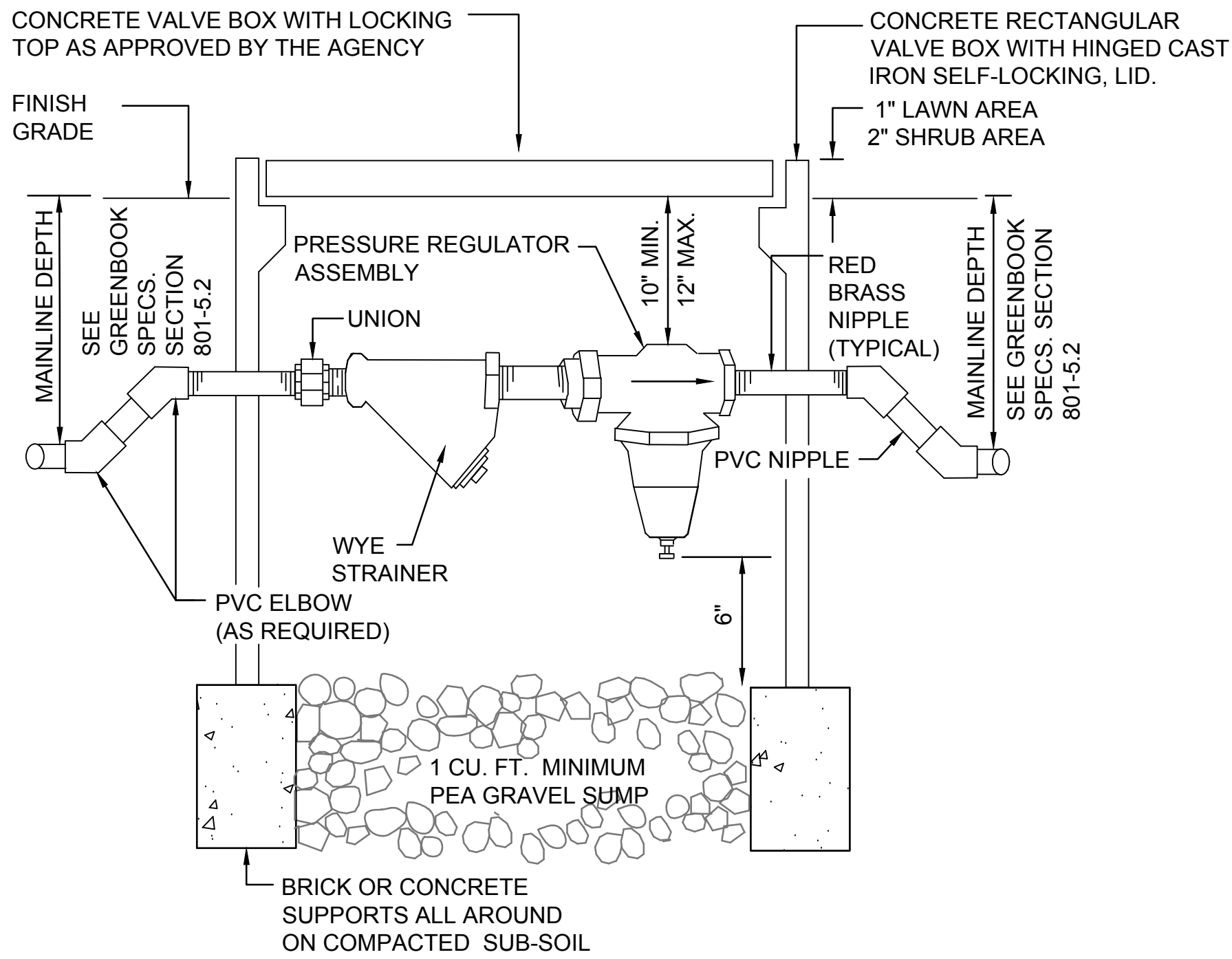
Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619/232-4747 FAX 619/232-4510

FOR CITY ENGINEER		DATE				SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED		ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP				JACOBS DESIGN ENGINEER
						194-1725
						LAMBERT COORDINATES
AS-BUILT						36239-12-D
CONTRACTOR			DATE STARTED			
INSPECTOR			DATE COMPLETED			

36239-D



A WIRE CONNECTOR IN PULL BOX
NO SCALE



B PRESSURE REDUCING VALVE WITH WYE STRAINER DETAIL
NO SCALE

SPECIFICATION NO. 1825

L-10

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS**
IRRIGATION DETAILS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 14 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER					DATE	SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED		ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP				JACOBS DESIGN ENGINEER
						194-1725
						LAMBERT COORDINATES
AS-BUILT						36239-14-D
CONTRACTOR			DATE STARTED			
INSPECTOR			DATE COMPLETED			



LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133



Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619) 232-4747 FAX(619) 232-4510

PLANT MATERIAL LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	REMARKS	DETAIL	SHEET
LAWN							
	HYBRID BERMUDA	GN-1 HYBRID BERMUDA	SOD	12,655 SQ.FT.	DISTRIBUTER: PACIFIC SOD. ANY ADDITIONAL EXISTING TURF DAMAGED BY CONSTRUCTION, INCLUDING TRENCHING FOR PIPE, SHALL BE RESODDED	-	-
	TOP-SOIL	CLASS A - 20" LAYER FOR BID PURPOSES ONLY	-	176 CY. (4,751 SQ.FT.)	SEE PLANTING NOTES THIS PAGE, AND SPECIAL PROVISIONS. VERIFY WITH RESIDENT ENGINEER DEPTH AND COMPACTION OF REQUIRED TOPSOIL AFTER DEMOLITION IS COMPLETE.	-	-

CONSTRUCTION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER / MODEL	COLOR / FINISHES / REMARKS	DETAIL	SHEET
	6' CHAIN LINK FENCE	-	SEE CIVIL DRAWINGS	SEE CIVIL DRAWINGS FOR DETAIL	

MATERIAL LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	QUANTITY	COLOR / SIZE / REMARKS	DETAIL	SHEET
	STABILIZED DECOMPOSED GRANITE	KRC ROCK	248 SQ.FT. / 2.3 CY.	"MOJAVE BASIN" / 3/8" MINUS / 3" DEPTH / STABILIZED / PRE MIXED AT PLANT / INSTALL LANDSCAPE FABRIC UNDER ALL STABILIZED DECOMPOSED GRANITE	B	L-16

PLANTING NOTES

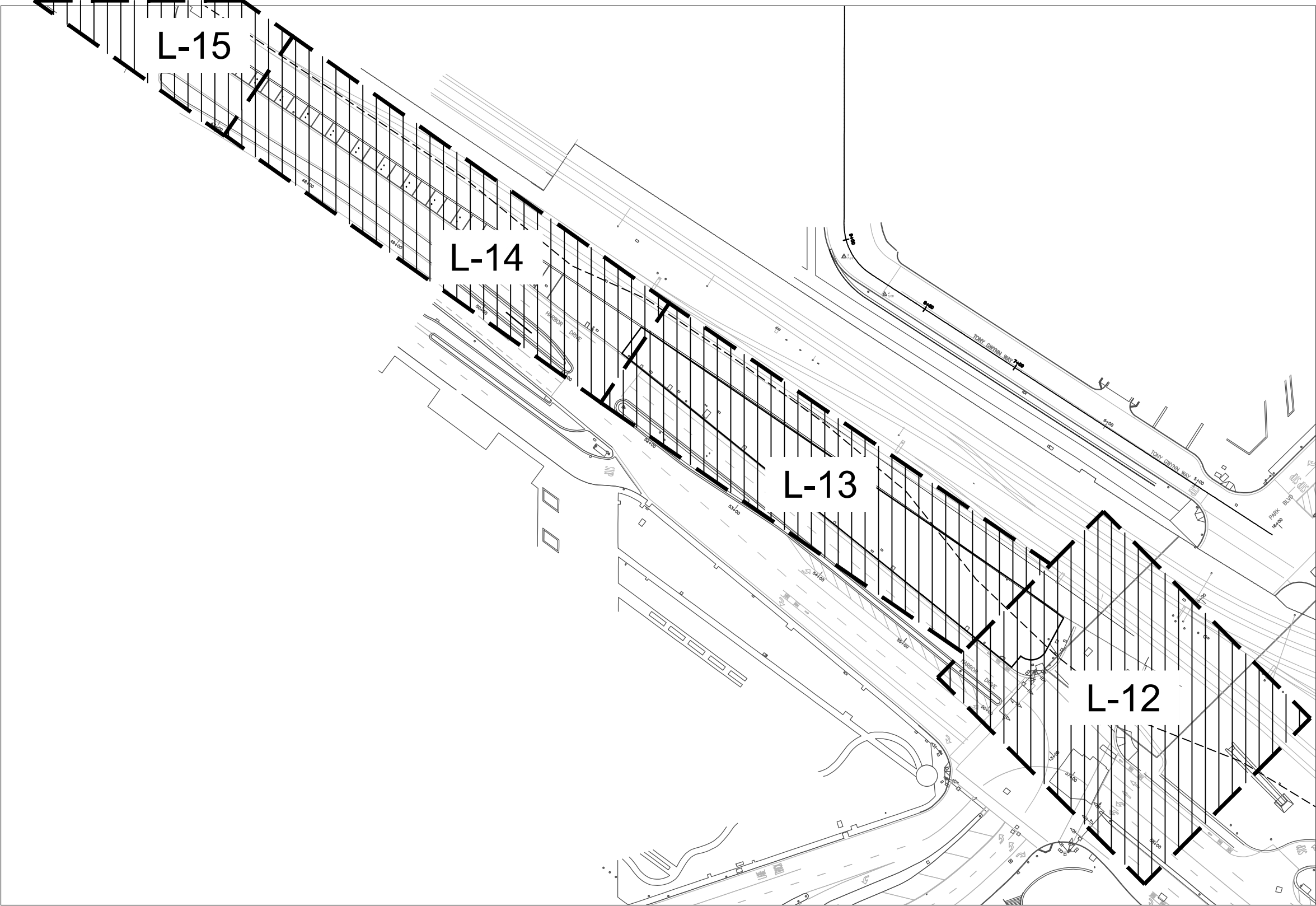
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES.
2. THE LANDSCAPE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND STRUCTURES. LANDSCAPE AREAS SHALL BE FINISH GRADED AT A MINIMUM OF 1%.
3. LANDSCAPE AREAS SHALL BE FINISH GRADED TO REMOVE ROCKS ONE INCH AND LARGER AND EXCESS SOIL. CONTRACTOR SHALL STOCKPILE EXCESS SOIL AND HAUL AWAY AT END OF PROJECT.
4. CONTRACTOR SHALL REMOVE ALL CONCRETE, GRAVEL, ROCK, AND ROADBED TYPE MATERIALS WHEN CONCRETE, WALKWAY AND GRAVEL IS REMOVED. IN AREAS WHERE TURF IS TO BE INSTALLED, BRING LEVELS OF SUBGRADE UP TO GRADE WITH CLASS A TOP SOIL. FINISH GRADE SHALL MATCH ADJACENT TURF. CONTRACTOR SHALL LEVEL ALL DEPRESSIONS TO ENSURE THERE ARE NO LOW POINTS.
5. FINISH SOIL SHALL BE 3 INCHES BELOW TOP OF PAVING IN SHRUB AND GROUNDCOVER AREAS AND 1 INCH BELOW TOP OF PAVING IN LAWN AREAS.
6. THE RECOMMENDATIONS OF THE SOILS REPORT FOR AMENDING SOIL SHALL SUPERSEDE THE RECOMMENDATIONS LISTED IN THE SPECIFICATIONS. CONTRACTOR SHALL SUBMIT AN AGRICULTURAL SUITABILITY AND FERTILITY ANALYSIS OF REPRESENTATIVE SOIL SAMPLES TO THE LANDSCAPE ARCHITECT AND/OR OWNER OR OWNER'S REPRESENTATIVE PRIOR TO ANY PLANTING WORK.
7. ALL PLANT MATERIAL SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO PLANTING. ALL PLANT MATERIAL NOT APPROVED SHALL BE REMOVED FROM THE SITE.
8. SEE PLAN FOR DECOMPOSED GRANITE AREAS. DO NOT PLACE MULCH ON SLOPES GREATER THAN THREE TO ONE (3:1).
9. THE MAINTENANCE PERIOD WILL BEGIN ONLY UPON ACCEPTANCE IN WRITING BY THE RESIDENT ENGINEER.
10. QUANTITIES SHOWN ON PLANTING PLAN ARE FOR THE CONVENIENCE OF THE CONTRACTOR. PLANT SYMBOLS INDICATED SUPERSEDE QUANTITIES SHOWN.

GENERAL NOTES

1. ALL LANDSCAPE AND IRRIGATION SHALL CONFORM TO THE CITY OF SAN DIEGO LANDSCAPE TECHNICAL MANUAL AND ALL OTHER APPLICABLE CITY AND REGIONAL STANDARDS FOR LANDSCAPE INSTALLATION.
2. EXCEPT AS OTHERWISE INDICATED, THE CONTRACTOR SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWG).
3. THE CONTRACTOR SHALL REFER TO ENGINEER'S DRAWING FOR SPOT ELEVATIONS AND DRAINAGE OF FLATWORK.
4. ALL DIMENSIONS ARE TO THE FACE OF CURB AND FACE OF WALL UNLESS INDICATED OTHERWISE.
5. INSTALL FILTER FABRIC UNDER ALL ROCK AND GRAVEL.

EXISTING PLANT MATERIAL

1. ALL EXISTING TREES ARE TO BE PROTECTED IN PLACE.
2. LANDSCAPE CONTRACTOR SHALL PROVIDE A CONSTRUCTION FENCE AROUND THE DRIP LINES OF EXISTING TREES THAT ARE TO BE PROTECTED IN PLACE IN ORDER TO PREVENT ANY ROOT COMPACTION,TRUNK SCARING, OR THE POURING OF TOXIC SUBSTANCES WITHIN THE ROOT ZONE.
3. CONTRACTOR SHALL TAKE A PHOTO INVENTORY OF EXISTING TREES WITHIN THE PROJECT FOOTPRINT. ANY TREES DAMAGED OR DESTROYED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. REPLACEMENT PALM(S) SHALL BE THE SAME SPECIES IN THE SAME TRUNK HEIGHT(S) AS THE PALM(S) TO BE REPLACED.



KEY MAP
NOT TO SCALE


MANUFACTURER PHONE NUMBERS:

KRC ROCK: (800) 572-7625

DECLARATION OF RESPONSIBLE CHARGE

DECLARATION OF RESPONSIBLE CHARGE I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO, AND THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITY FOR PROJECT DESIGN.

SIGNATURE  DATE 02-05-2019

REGISTERED LANDSCAPE ARCHITECT #2198, EXPIRATION 05-31-2019

GARBINI & GARBINI LANDSCAPE ARCHITECTURE, INC.
715 J STREET, SUITE 307, SAN DIEGO, CA. 92101



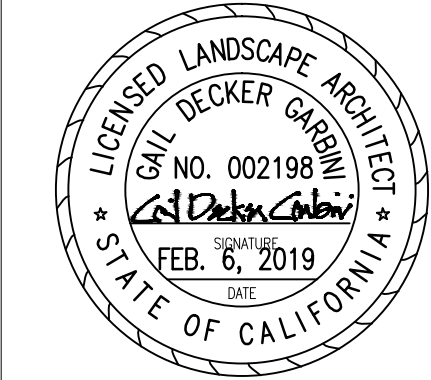
Garbini & Garbini
LANDSCAPE
ARCHITECTURE
URBAN
DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619) 232-4747 fax(619) 232-4510

SPECIFICATION NO. 1825

L-11

PLAN FOR THE IMPROVEMENT OF:

PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
PLANTING LEGEND AND NOTES



LICENSE EXPIRATION DATE: 5/31/2019

CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

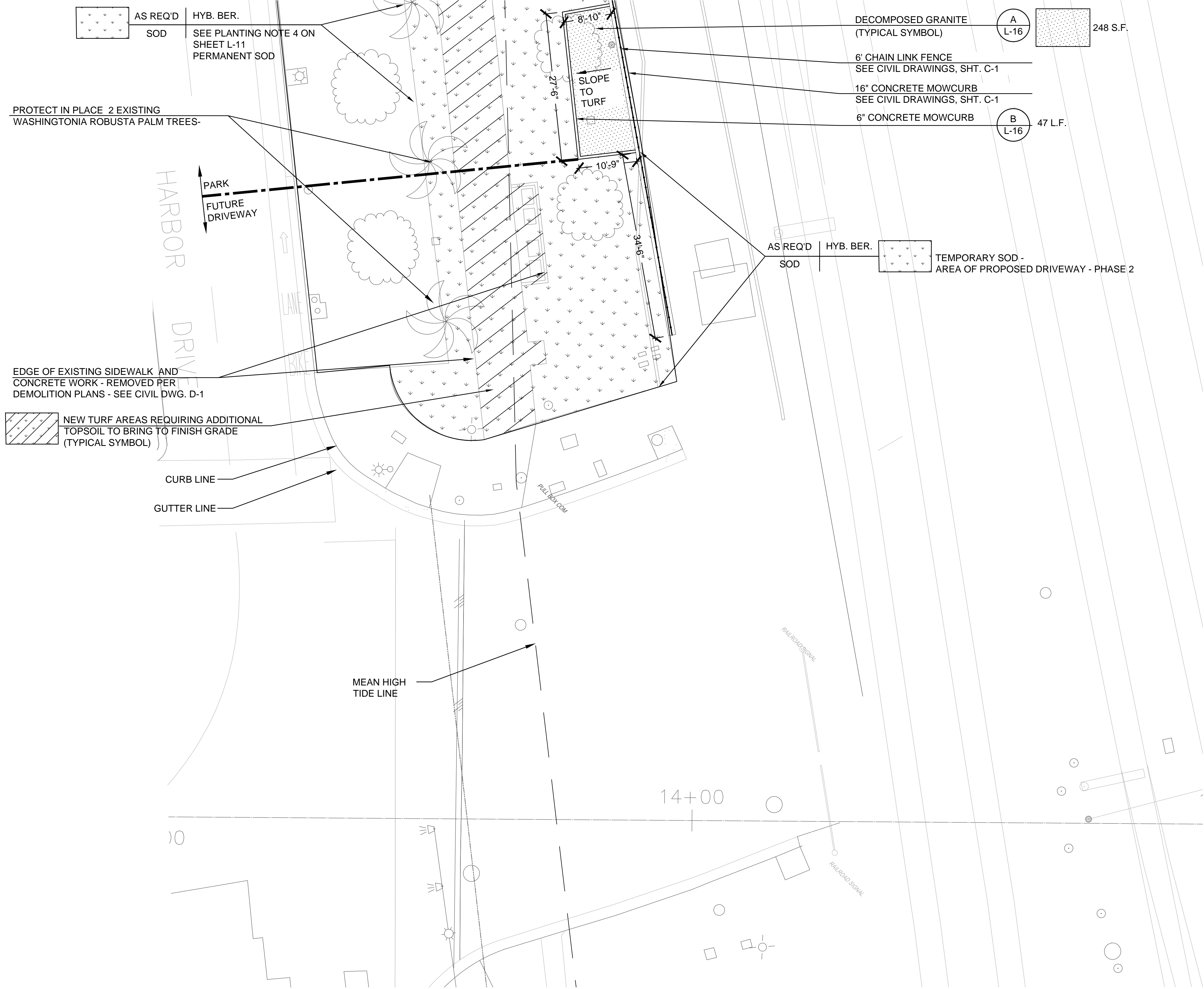
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 15 OF 20 SHEETS

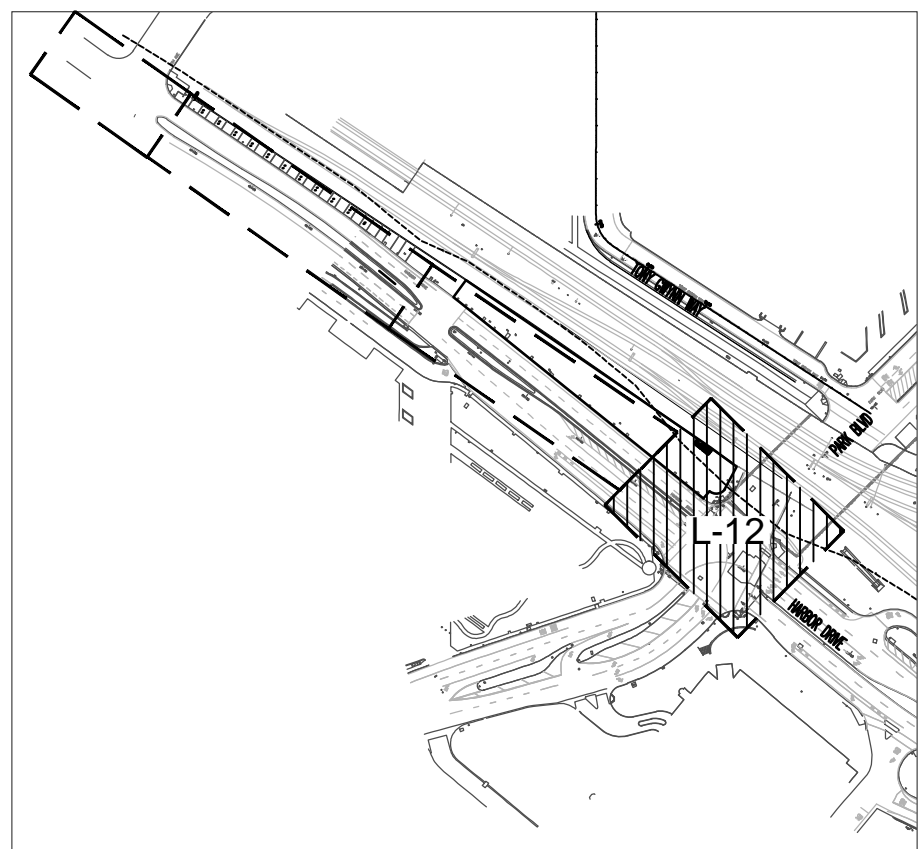
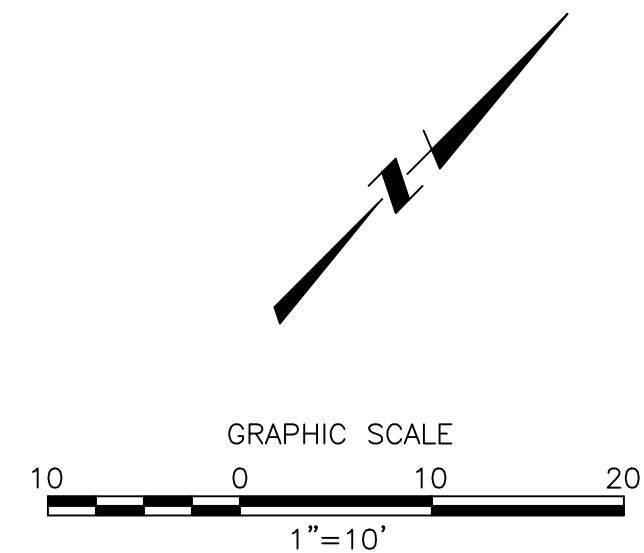
I.O.
NO. _____

FOR CITY ENGINEER		DATE				SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED		ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP				JACOBS DESIGN ENGINEER
						194-1725
AS-BUILT						LAMBERT COORDINATES
CONTRACTOR	-	DATE STARTED	-			36239-15-D
INSPECTOR	-	DATE COMPLETED	-			

MATCHLINE SEE SHEET L-13



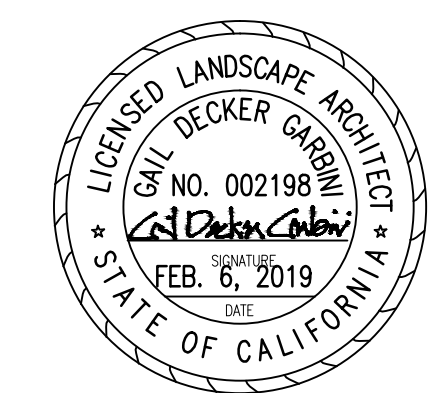
NOTE:
REMOVE ALL SOD AND CONCRETE FROM THE BNSF SIDE OF THE NEW FENCE, EXCEPT AS NOTED.



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825 L-12

PLAN FOR THE IMPROVEMENT OF:
**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS**
PLANTING PLAN



LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION :

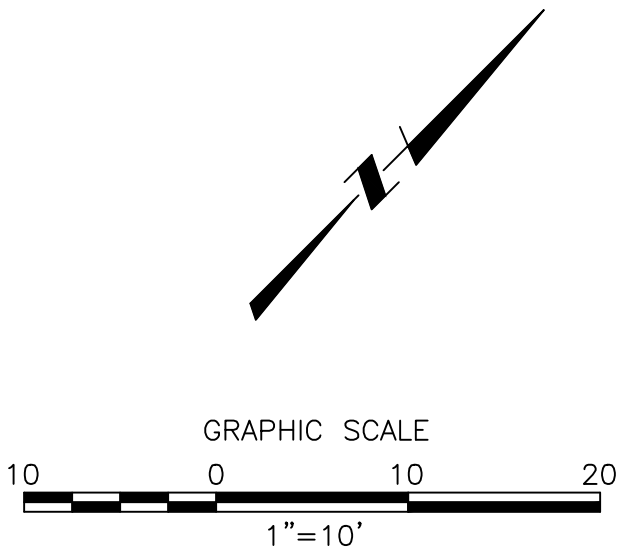
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

Garbini & Garbini
LANDSCAPE ARCHITECTURE
URBAN DESIGN
715 J STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619/232-4747 fax 619/232-4510

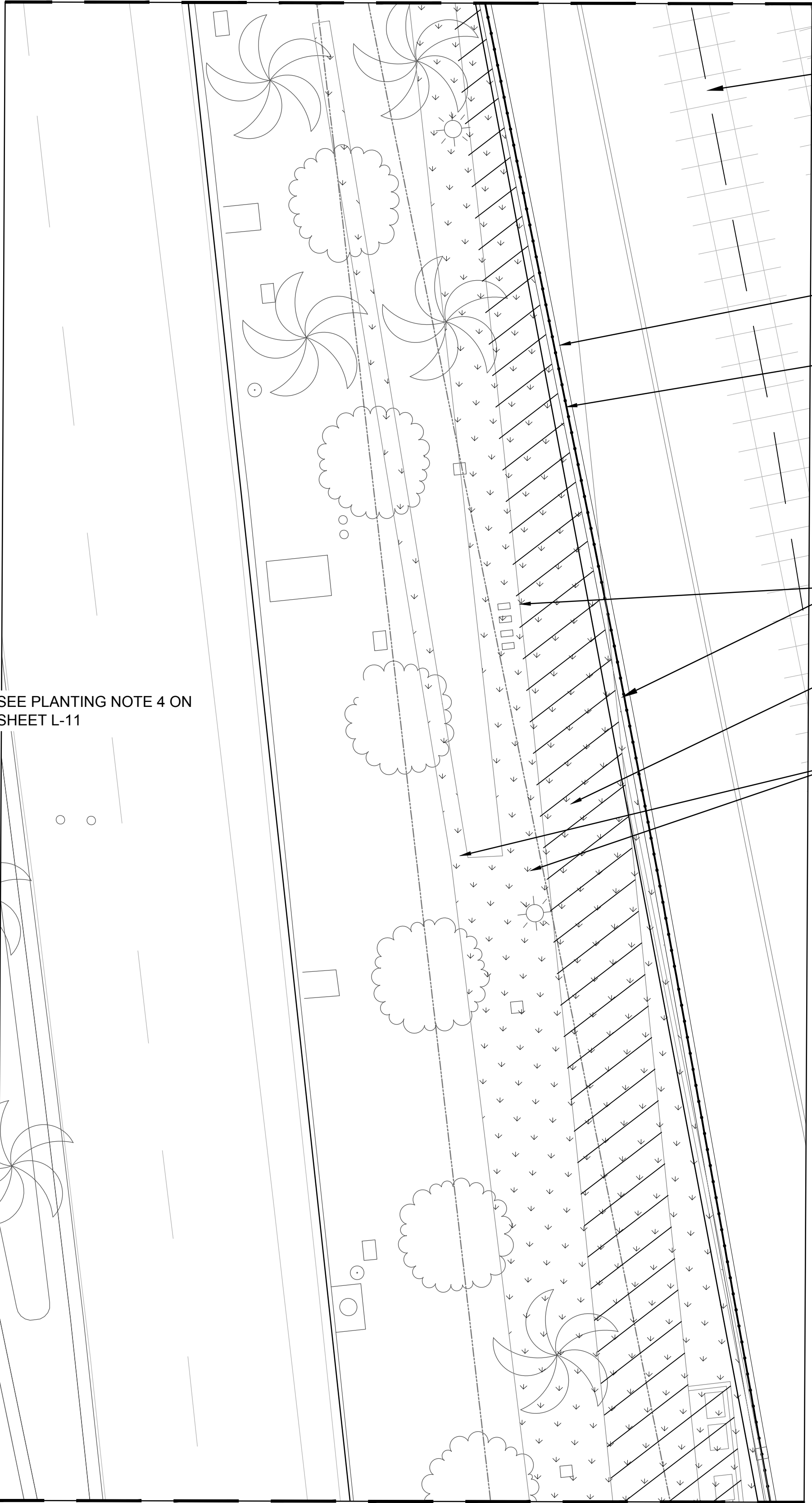
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 16 OF 20 SHEETS					I.O. NO.
FOR CITY ENGINEER					SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP			JACOBS DESIGN ENGINEER
AS-BUILT					194-1725 LAMBERT COORDINATES
CONTRACTOR	DATE STARTED				36239-16-D
INSPECTOR	DATE COMPLETED				

MATCHLINE "A" - THIS SHEET

MATCHLINE SEE SHEET L-14



NOTE:
REMOVE ALL SOD AND CONCRETE FROM
THE BNSF SIDE OF THE NEW FENCE, EXCEPT
AS NOTED.



MEAN HIGH
TIDE LINE

16" CONCRETE MOWCURB
SEE CIVIL DRAWINGS, SHT. C-1

6' CHAIN LINK FENCE
SEE CIVIL DRAWINGS, SHT. C-1

MEAN HIGH
TIDE LINE

16" CONCRETE MOWCURB
SEE CIVIL DRAWINGS, SHT. C-1

6' CHAIN LINK FENCE
SEE CIVIL DRAWINGS, SHT. C-1

AS REQ'D HYB. BER.
SOD

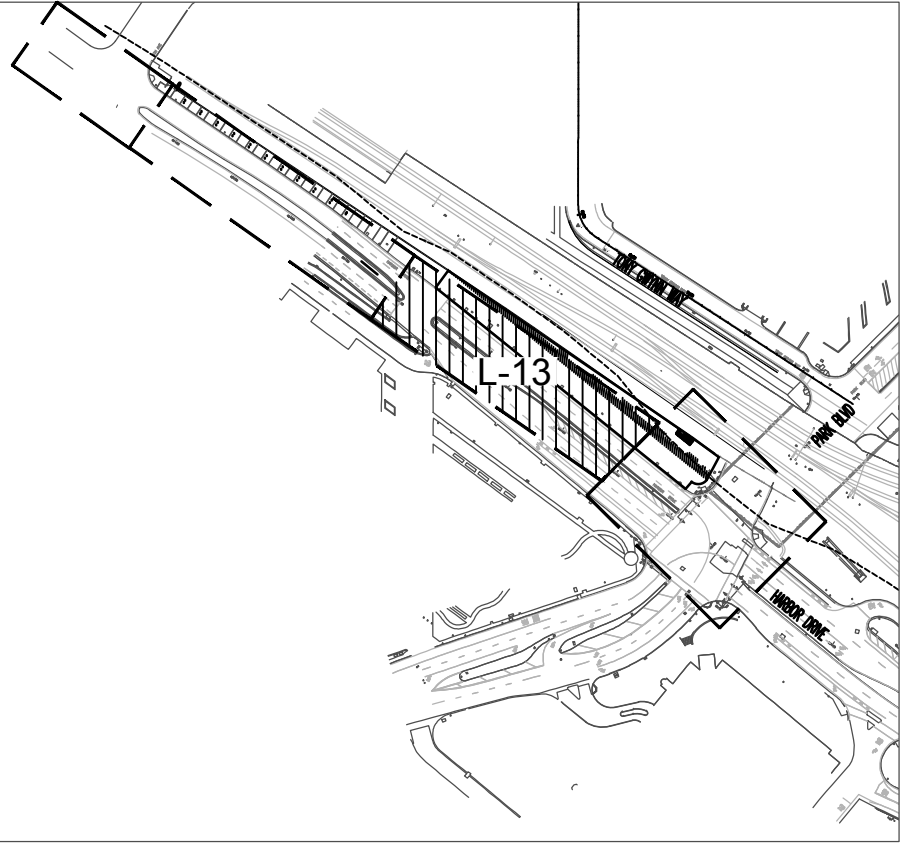
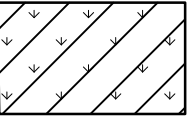
SEE PLANTING NOTE 4 ON
SHEET L-11

EDGE OF EXISTING SIDEWALK. CONCRETE
TO BE REMOVED PER DEMOLITION PLANS -
SEE CIVIL DWG. D-1

NEW TURF AREAS REQUIRING ADDITIONAL
TOPSOIL TO BRING UP TO FINISH GRADE
(TYPICAL SYMBOL)

AS REQ'D HYB. BER.
SOD

SEE PLANTING NOTE 4 ON SHEET L-11



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-13

PLAN FOR THE IMPROVEMENT OF:
**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS**
PLANTING PLAN

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 17 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER		DATE		SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED	ROBERT SUTHERLIN
FILE NAME:	DATE:	RP			PROJECT MANAGER
					JACOBS
					DESIGN ENGINEER
					194-1725
					LAMBERT COORDINATES
AS-BUILT					36239-17-D
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			



LICENSE EXPIRATION DATE: 5/31/2019

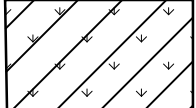
CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

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DESIGN
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SAN DIEGO, CALIFORNIA 92101
619/232-4747 FAX 619/232-4510

EDGE OF EXISTING SIDEWALK & SEATING AREAS -
REMOVED PER DEMOLITION PLANS - CIVIL DWG. D-1

NEW TURF AREAS REQUIRING ADDITIONAL
TOPSOIL TO BRING UP TO FINISH GRADE
(TYPICAL SYMBOL)

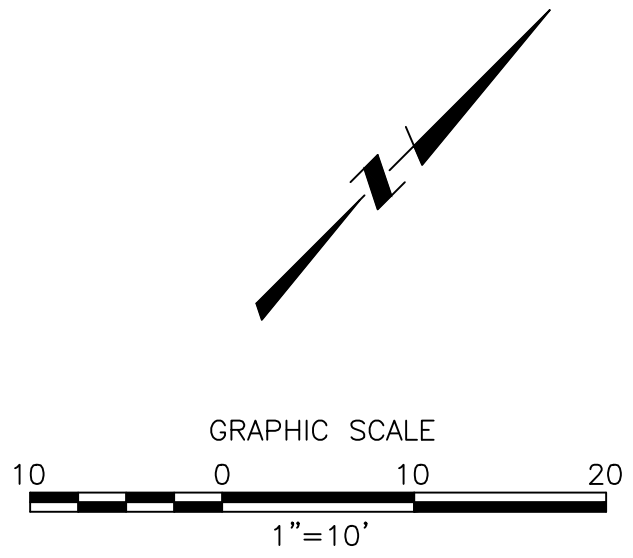


MATCHLINE SEE SHEET L-12

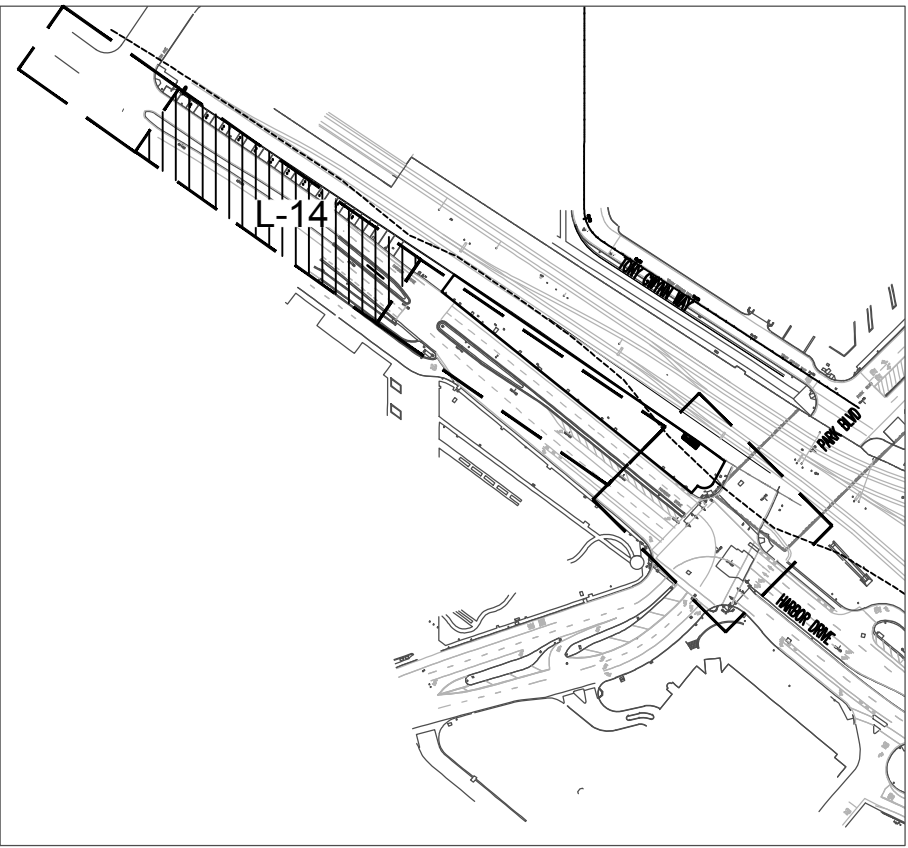
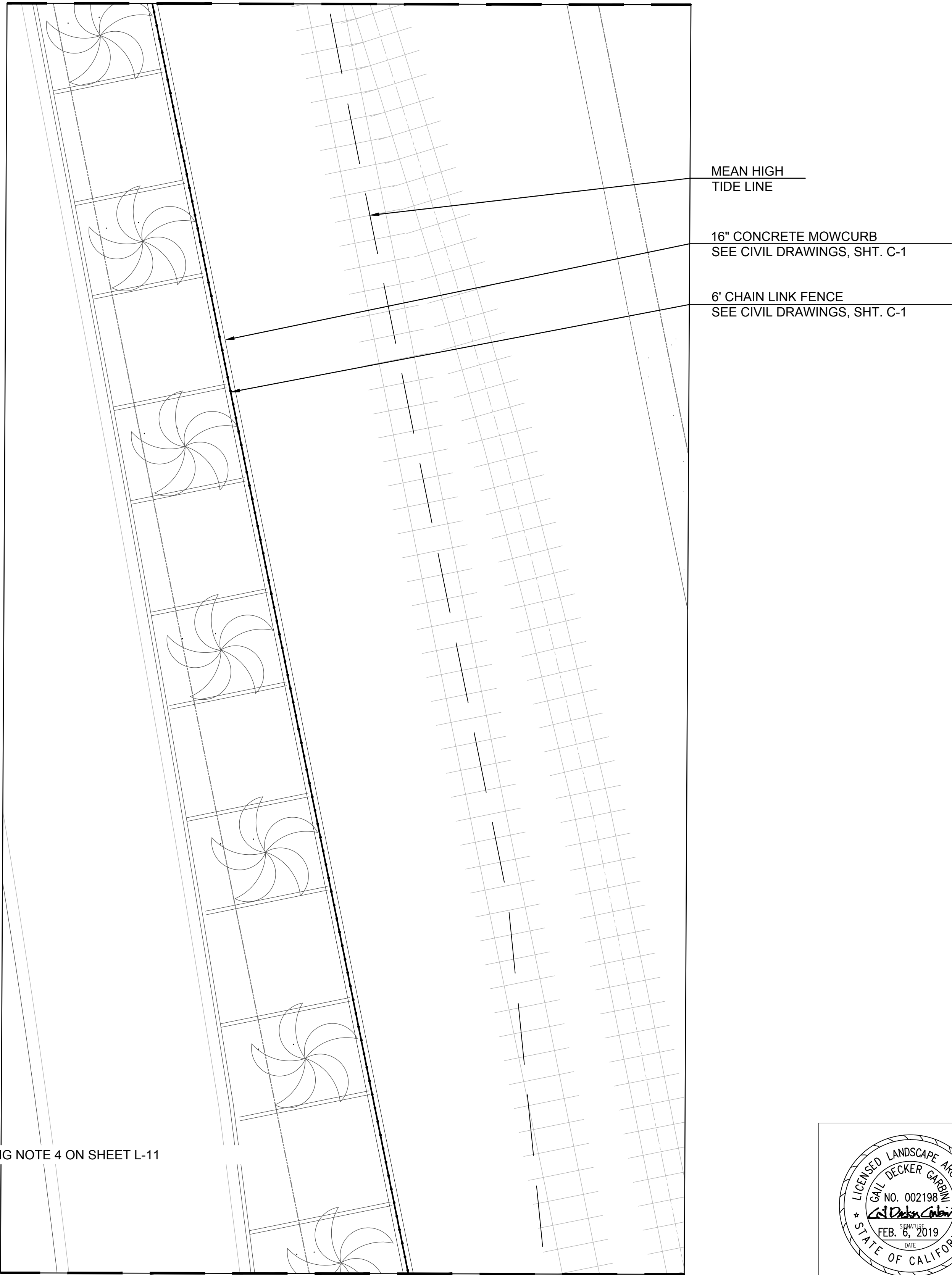
MATCHLINE "A" - THIS SHEET

MATCHLINE "A" - THIS SHEET

MATCHLINE SEE SHEET L-15



NOTE:
REMOVE ALL SOD AND CONCRETE FROM
THE BNSF SIDE OF THE NEW FENCE, EXCEPT
AS NOTED.



KEY MAP
NOT TO SCALE

SPECIFICATION NO. 1825

L-14

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
PLANTING PLAN**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 18 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER
DESCRIPTION
DATE
FILE NAME
DATE
RP

DATE
APPROVED
DATE
FILMED
SECTION HEAD
ROBERT SUTHERLIN
PROJECT MANAGER

AS-BUILT
CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

JACOBS
DESIGN ENGINEER
194-1725
LAMBERT COORDINATES
36239-18-D



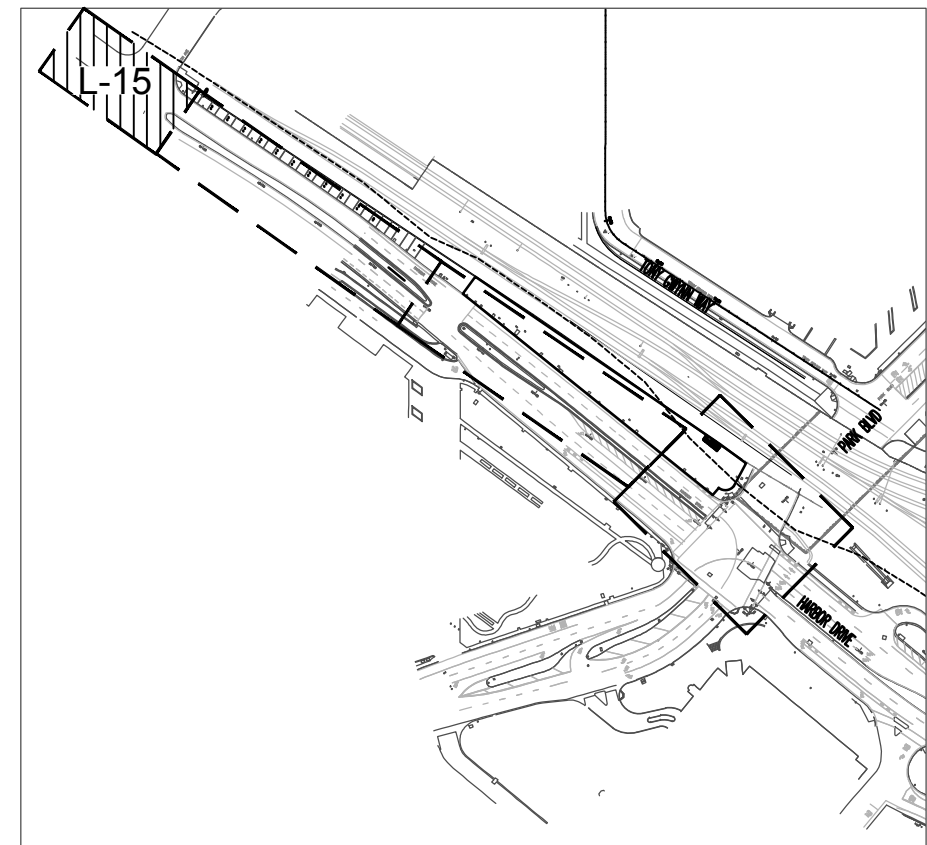
LICENSE EXPIRATION DATE: 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

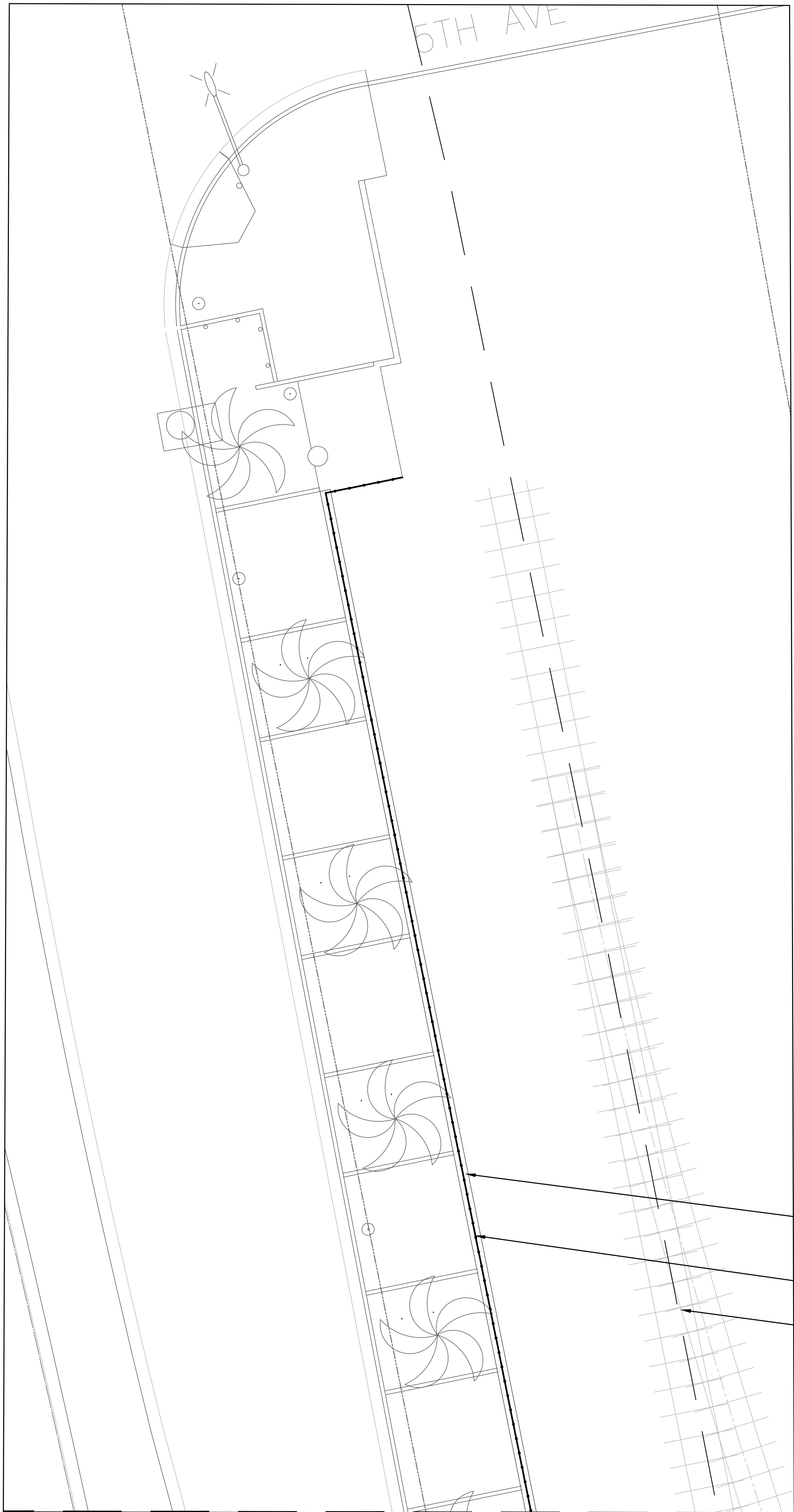
UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133



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DESIGN
715 "J" STREET, SUITE 307
SAN DIEGO, CALIFORNIA 92101
619/232-4747 FAX 619/232-4510



KEY MAP
NOT TO SCALE



MATCHLINE SEE SHEET L-14

16" CONCRETE MOWCURB
SEE CIVIL DRAWINGS, SHT. C-1

6' CHAIN LINK FENCE
SEE CIVIL DRAWINGS, SHT. C-1

MEAN HIGH
TIDE LINE



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LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
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LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
EXCAVATION :

UNDERGROUND SERVICE ALERT
(USA) 1-800-422-4133

SPECIFICATION NO. 1825

L-15

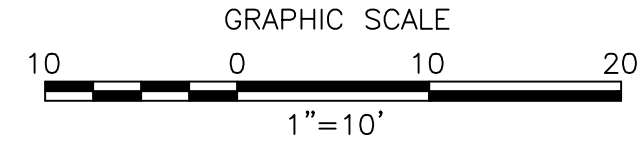
PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
PLANTING PLAN**

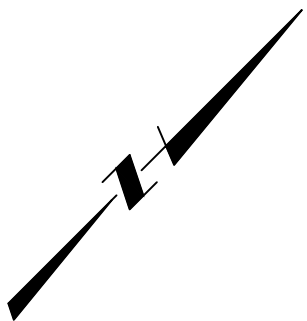
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 19 OF 20 SHEETS

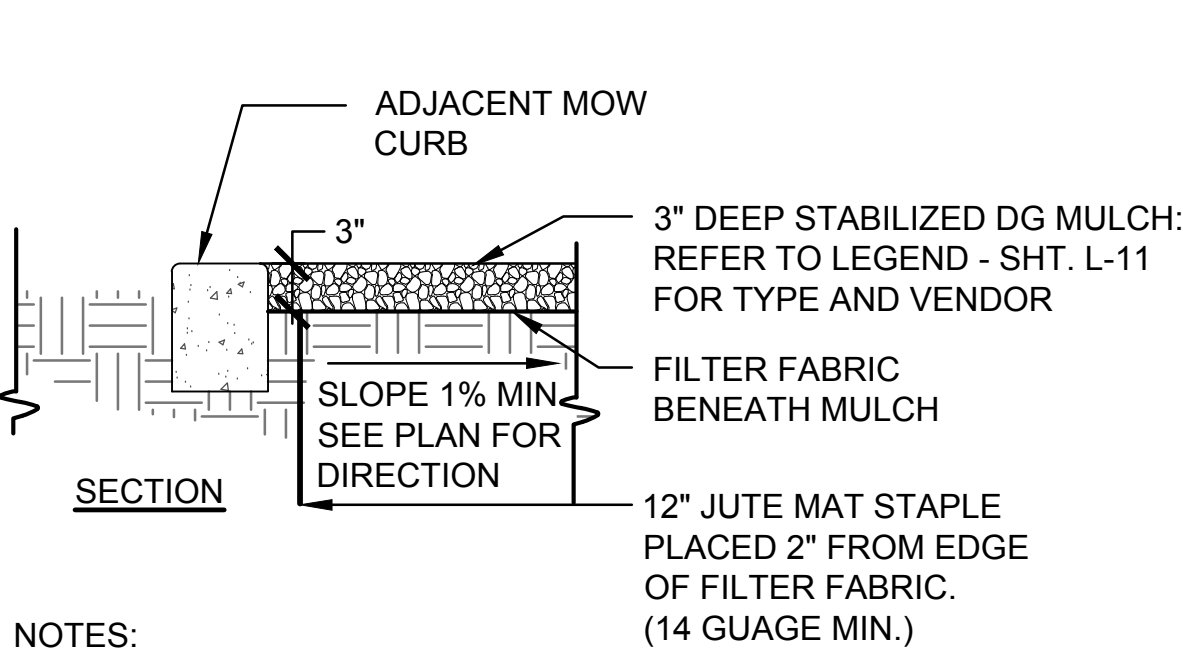
I.O.
NO.

FOR CITY ENGINEER					DATE		SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED			ROBERT SUTHERLIN	
FILE NAME:	DATE:	RP					PROJECT MANAGER	
							JACOBS	
							DESIGN ENGINEER	
							194-1725	
							LAMBERT COORDINATES	
AS-BUILT							36239-19-D	
CONTRACTOR			DATE STARTED					
INSPECTOR			DATE COMPLETED					



NOTE:
REMOVE ALL SOD AND CONCRETE FROM
THE BNSF SIDE OF THE NEW FENCE, EXCEPT
AS NOTED.

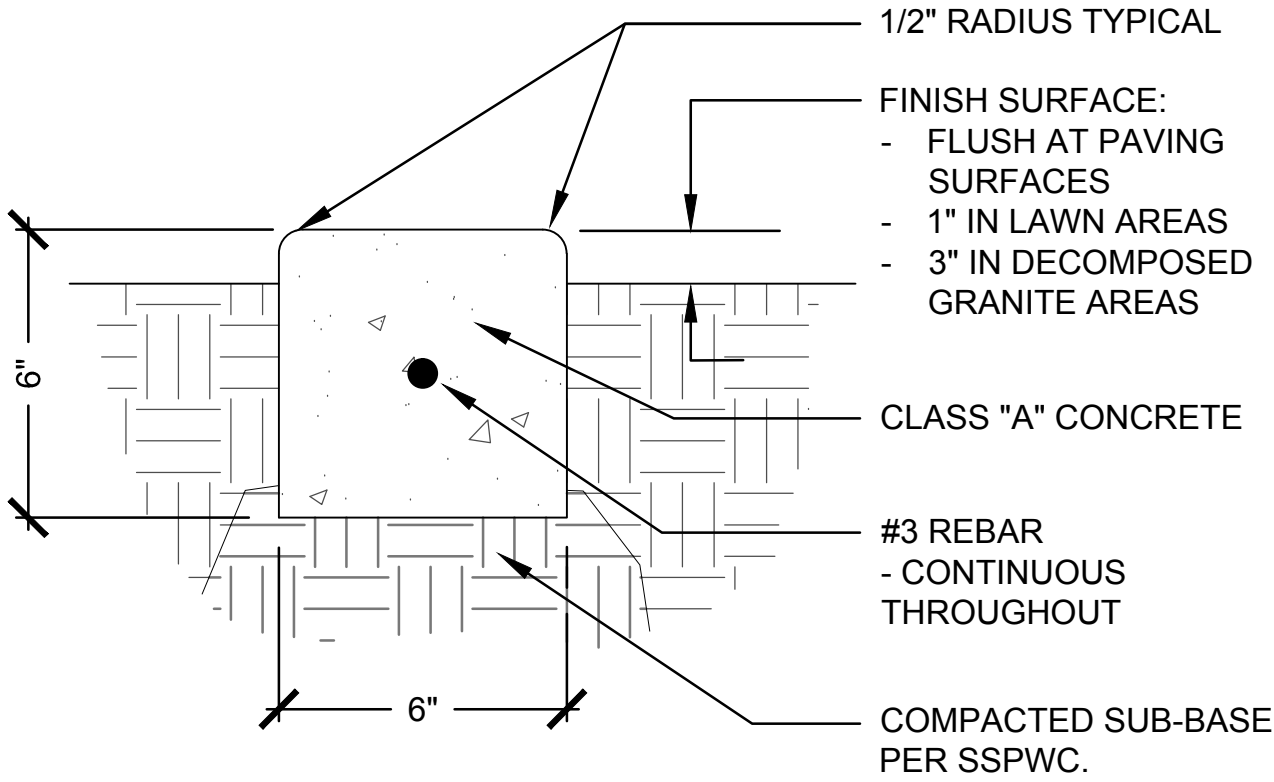




- NOTES:
1. PLACE FILTER FABRIC UNDER ALL ROCK MULCH AREAS. SECURE EDGES WITH JUTE MAT STAPLES AT CORNERS AND A MINIMUM OF 3' ALONG EDGES. ALLOW 2-INCH CLEARANCE FROM EDGE OF FILTER FABRIC TO PREVENT TEARING AND COVER EDGE OF FABRIC WITH GRAVEL OR COBBLE MULCH.
 2. FINISH GRADE OF SOIL SHALL BE 3" BELOW TOP OF ADJACENT CONCRETE IMPROVEMENTS.
 3. MULCH SHALL BE FLUSH WITH ADJACENT PAVING SURFACE.

A STABILIZED DECOMPOSED GRANITE MULCH WITH FILTER FABRIC DETAIL

SCALE: 1" = 1'- 0"



- NOTES:
1. REBAR SHALL BE CONTINUOUS WITH 12" OVERLAP AT ALL SPLICES.
 2. HEADER SHALL BE NATURAL GREY CONCRETE UNLESS OTHERWISE NOTED W/ LIGHT BROOM FINISH.
 3. HEADER SHALL HAVE WEAKEND PLANE JOINTS @ 10'-0" MAX. AND EXPANSION JOINTS @ 20'-0" MAX.

B 6" CONCRETE HEADER

SCALE: 3" = 1'- 0"

SPECIFICATION NO. 1825

L-16

PLAN FOR THE IMPROVEMENT OF:

**PARK BOULEVARD GRADE CROSSING
LINEAR PARK MODIFICATIONS
PLANTING DETAILS**

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 20 OF 20 SHEETS

I.O.
NO.

FOR CITY ENGINEER					DATE	SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED		ROBERT SUTHERLIN PROJECT MANAGER
FILE NAME:	DATE:	RP				JACOBS DESIGN ENGINEER
						194-1725
						LAMBERT COORDINATES
AS-BUILT						36239-20-D
CONTRACTOR	-	DATE STARTED	-			
INSPECTOR	-	DATE COMPLETED	-			



LICENSE EXPIRATION DATE 5/31/2019

CONTRACTOR MUST NOTIFY THE
BELOW LISTED AGENCY AT
LEAST TWO (2) WORKING DAYS
PRIOR TO COMMENCEMENT OF
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