

# CITY OF GOLETA

## SOUTH LA PATERA LANE IMPROVEMENT PROJECT

### 27 SOUTH LA PATERA LANE, GOLETA, CA 93117

### Invitation to Bid Set

#### Owner/Agency

CITY OF GOLETA  
Department of Neighborhood Services  
and Public Safety  
130 Cremona Drive, Suite B  
Goleta, CA 93117  
Contact: Jaime Valdez  
Ph: 805-961-7568

#### Civil Engineer

MNS Engineers, Inc.  
201 N. Calle Cesar Chavez, Suite 300  
Santa Barbara, CA 93103  
Contact: Shawn Kowalewski, PE  
Ph: (805) 456-3540

#### Landscape Architect

ANIL VERMA ASSOCIATES, INC  
444 South Flower Street, Suite #1688  
Los Angeles, CA 90071  
Contact: Jim Keenan / Warren Arata  
Ph: 213-624-6908

#### Electrical Engineer

ANIL VERMA ASSOCIATES, INC  
444 South Flower Street, Suite #1688  
Los Angeles, CA 90071  
Contact: Raymundo Cruz  
Ph: 213-624-6908

#### Geotech. Engineer

ENGEIO Incorporated  
2646 Santa Maria Way, Suite #107  
Santa Maria, CA 93455  
CONTACT: Randy Hildebrandt, PE, GE  
Ph: 805-888-1110

#### Survey Engineer

MNS, INC  
201 N. Calle Cesar Chavez, Suite #300  
Santa Barbara, CA 93103  
Contact: Shawn Kowalewski, PE  
Ph: 805-692-6921

#### Utility Coordination

**WATER**  
GOLETA WATER DISTRICT  
4699 Hollister Ave  
Goleta, CA 93117  
Contact: Dan Brooks  
Ph: 805-319-8481

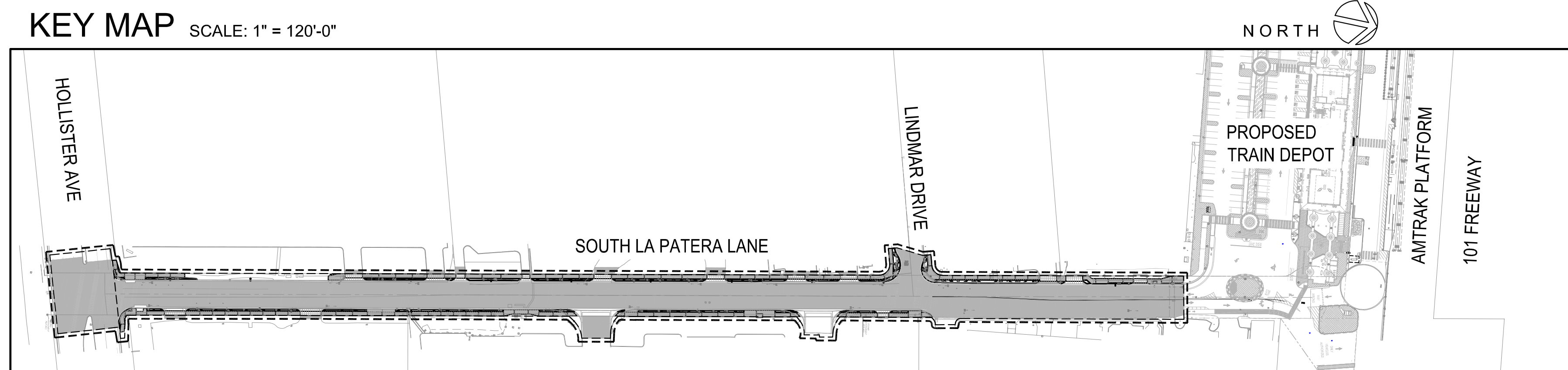
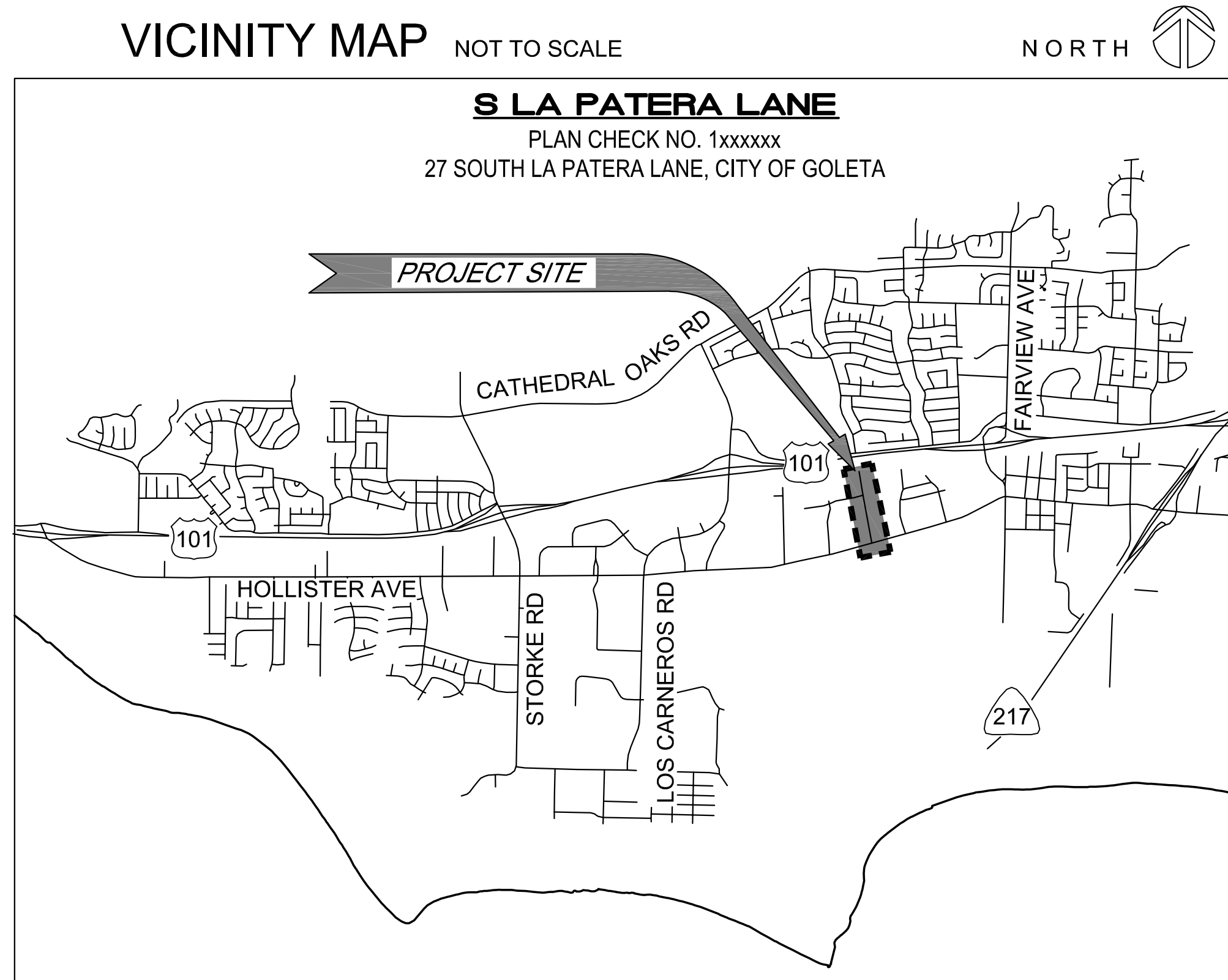
**NATURAL GAS**  
SOUTHERN GAS COMPANY  
C/O Karl Monteleone  
Technical Services - Goleta  
1171 More Ranch Road  
Goleta, CA 93111-2910  
Ph: 805-681-7945

**SEWER**  
GOLETA SANITARY DISTRICT  
1 WILLIAM MOFFETT PL  
Goleta, CA 93117  
Contact: Luis Astorga  
Ph: 805-967-4519

**TELECOMMUNICATIONS**  
FRONTIER COMMUNICATIONS  
C/O Lad Kuzela  
OSP Engineering  
22 S. Fairview Avenue  
Goleta, CA 93117  
Ph: 805-964-8303

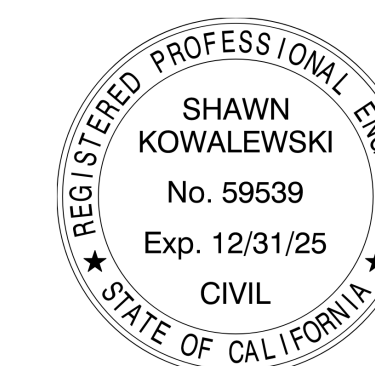
**COX COMMUNICATIONS**  
22 S. Fairview Avenue  
Goleta, CA 93117  
Contact: James Drenan  
Ph: 805-681-3844

**ELECTRIC**  
SOUTHERN CALIFORNIA EDISON  
301 David Love Place  
Goleta, CA 93117  
Contact: Shawn Lee  
Ph: 805-535-5901

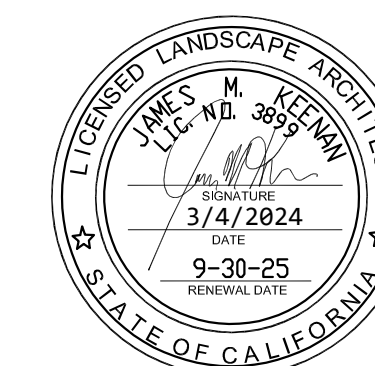


#### INDEX OF DRAWINGS

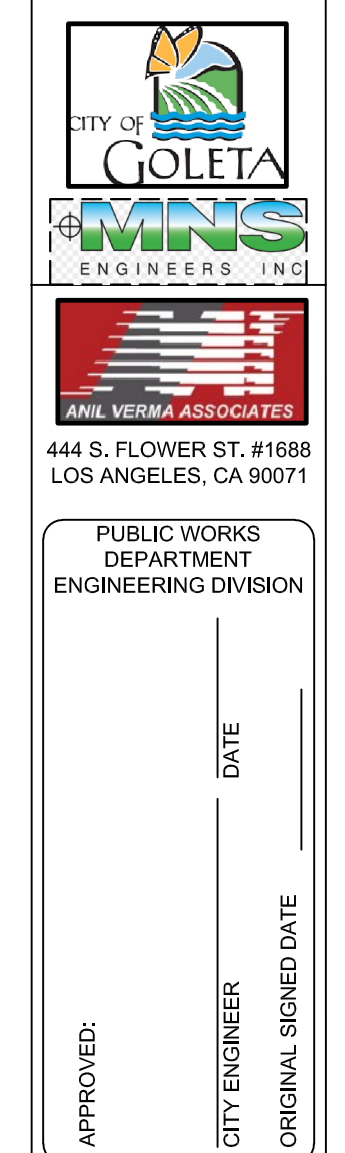
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SHAWN KOWALEWSKI  
PROJECT ENGINEER:  
R.C.E. EXP.



DATE  
03-04-24



APPROVED:	DATE
CITY ENGINEER	ORIGINAL SIGNED DATE
DESIGN:	CHECKED:
DRAWN	CHECKED
DATE	DATE
3/04/24	

NO.	INVTATION TO BID	REVISIONS

CIP-9079	PBW NO.
BID NO.	SHT. DES.
<b>G100</b>	DWG NO.
SHEET 1	OF 40

INVITATION FOR BID - 3/4/2024

SOUTH LA PATERA LANE IMPROVEMENT PROJECT (FOR GOLETA TRAIN DEPOT) Cover Sheet

**GENERAL NOTES**

- ALL WORK SHALL COMPLY WITH CODES, LAWS, & REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK & CONFORMING TO 2022 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) WHERE THEIR REQUIREMENTS ARE MORE SPECIFIC OR STRINGENT.
- CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS & ALL INSPECTIONS REQUIRED BY PUBLIC AUTHORITIES GOVERNING THE WORK
- CONTRACTOR SHALL VERIFY ALL DIM. & CONDITIONS AT THE JOB SITE PRIOR TO START OF WORK. ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES.
- CONTRACTOR SHALL SUBMIT REQUESTS for SUBSTITUTIONS, REVISIONS, or CHANGES TO ARCHITECT PRIOR TO PURCHASE, FABRICATION or INSTALLATION
- CONTRACTOR SHALL PROTECT AREA OF WORK AND ADJACENT AREAS ON SITE FROM BEING DAMAGED DURING CONSTRUCTION
- COORDINATE WORK WITH THE OAR, INCLUDING SCHEDULING TIME & LOCATIONS FOR DELIVERIES, SITE ACCESS & USE OF SERVICES. MIN. DISTURBANCE TO NEIGHBORS
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS OFF SITE
- THE INFORMATION CONTAINED IN THESE CONSTRUCTION DOCUMENTS ARE TO BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY AT SITE THE EXTENT OF WORK WHICH MAY OR MAY NOT BE INDICATED BY CLOUDS OR OTHERWISE ON THE DRAWINGS.
- MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN, IN CASE OF CONFLICT CONSULT OWNERS AUTHORIZED REPRESENTATIVE
- AT THE COMPLETION OF CONSTRUCTION, REPAIR ALL DAMAGE TO THE PAVED AND LANDSCAPED AREAS DUE TO CONSTRUCTION ACTIVITY TO THE SATISFACTION OF IOR.
- PROVIDE BARRICADES AND PROTECTION AS REQUIRED.
- UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE DRAWINGS, ALL EXISTING CONDITIONS SHALL REMAIN AS-IS
- ALL CONST. AS INDICATED BY (E) IS EXISTING, UNLESS NOTED AS (N), IS NEW.
- DIMENSIONS ARE TO CENTER OF STRUCTURAL GRID OR FACE OF FINISH, UON.
- CHANGES TO APPROVED DRAWINGS or SPEC'S SHALL BE MADE BY AN ADDENDA or CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE CITY, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- IF SHOWN IN SPECIFICATIONS BUT NOT THE DRAWINGS OR THE DRAWINGS BUT NOT THE SPECIFICATIONS, SCOPE WILL BE CONSIDERED PART OF BOTH.
- IN CASE OF CONFLICT, THE MOST STRINGENT METHOD OF CONSTRUCTION SHALL GOVERN.
- LOCATIONS OF UTILITIES INDICATED ON PLANS IS NOT GUARANTEED TO BE ACCURATE or COMPLETE, BUT IS PLOTTED for CONTRACTOR INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXACT LOCATIONS OF UTILITIES & SERVICE CONNECTIONS.
- CONSTRUCTION DOCUMENTS ARE PROVIDED TO ILLUSTRATE DESIGN & GENERAL TYPE OF CONSTRUCTION DESIRED, & IMPLIES THE FINEST QUALITY OF CONSTRUCTION MATERIALS & WORKMANSHIP. CONTRACTOR IS ASSUMING RESPONSIBILITY FOR THE WORK INDICATED, & SHALL COMPLY WITH THE SPIRIT AS WELL AS THE LETTER IN WHICH THEY WERE DRAWN.
- THE CONTRACTOR GUARANTEES THAT THE WORK PERFORMED WILL BE FREE FROM FAULTY MATERIALS & WORKMANSHIP. UPON RECEIPT OF NOTIFICATION FROM IOR, CONTRACTOR SHALL REMEDY, REPAIR or REPLACE IMMEDIATELY WITHOUT COST TO CITY ALL DEFECTS or IMPERFECTIONS APPEARING IN THE WORK. IT SHALL BE UNDERSTOOD. U.O.N. THAT ALL MATERIALS & WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY CONTRACTOR FROM THE ACCEPTANCE OF THE PROJECT BY THE CITY OF GOLETA.
- THE INTENT OF DRAWINGS & SPECIFICATIONS IS THAT THE WORK OF THE CONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING & SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY CITY BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317 (C), CBSAC, PART 1, TITLE 24, CCR)
- CITY OAR SHALL NOTIFY ARCHITECT OR ENGINEER OF RECORD (AOR/EOR), PRIOR TO CONSTRUCTION START DATE, FOR CONSTRUCTION OBSERVATION AND SUPPORT SERVICES.
- EXISTING DRAWINGS & SITE VISITATION: CONTRACTOR SHALL VISIT THE SITE, EXAMINE THE EXISTING CONDITIONS OF THE NEW CONSTRUCTION & DETERMINE TO THEIR SATISFACTION THE METHODS & PROCEDURE, REMOVAL & STORAGE OF MATERIALS, SEQUENCING OF OPERATIONS AND CONDITIONS WHICH AFFECT ITS WORK & PROBLEMS ATTENDANT HERETO. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY TO THE CONTRACTOR FOR ATTENDANT HERETO AND/OR FOR ERRORS THROUGH NEGLIGENCE IN EXAMINING SITE CONDITIONS
- COORDINATE HARDSCAPE WORK w/ ALL DISCIPLINES FOR SLEEVING, CONDUITS, ANCHOR BOLTS, ETC.
- DIMENSIONS ARE FROM OUTSIDE FACE OF PAVING, WALLS, ETC., UNLESS OTHERWISE INDICATED
- ALL JUNCTION & VALVE BOXES SHALL BE IN PLANTING AREAS AS APPROVED BY OWNER. STAKE LOCATIONS BEFORE INSTALLATION FOR APPROVAL BY OWNER

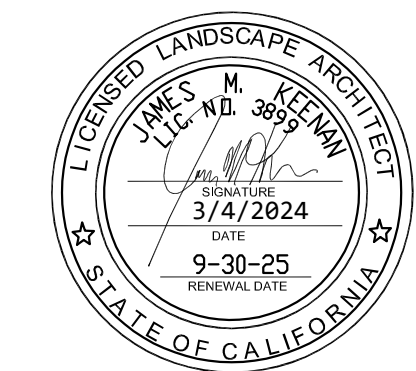
**ABBREVIATIONS**

AC ASPHALTIC CONCRETE	DN DOWN	HR HOUR	PL PROPERTY LINE	SCG SOUTHERN CALIFORNIA GAS COMPANY
ACC ACCESSIBLE	DS DOWNSPOUT	HOA HOME OWNER ASSOCIATION	PA PLANTING AREA	SL STREET LIGHT
ADJ ADJUSTABLE	DWG DRAWING	HT HEIGHT	PKWY PARKWAY	SPPWC STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK BY APWA)
AFF ABOVE FINISH FLOOR		HMA HOT MIX ASPHALT	PL PLATE	SR STATE ROUTE
ALT ALTERNATE	EC END CURVE		PLAS PLASTER	SS SANITARY SEWER
ALUM ALUMINUM	ECP ELECTRICAL CONTROL PANEL	ID INSIDE DIAMETER	PLYWD PLYWOOD	SSP STATE STANDARD PLAN
APN ASSESSOR PARCEL NUMBER	ECR END CURB RETURN	IN, (") INCH	P LAM PLASTIC LAMINATE	SW SIDEWALK
APWA AMERICAN PUBLIC WORKS ASSOC.	EMT ELECTRICAL METER	ICV IRRIGATION CONTROL VALVE	PP POWER POLE	SYC SYCAMORE
ASPH ASPHALT	EP EDGE OF PAVING	INT INTERSECTION	PVI POINT OF VERTICAL INTERSECTION	
AUTO AUTOMATIC	EQ EQUAL		PVIE POINT OF VERTICAL INTERSECTION ELEVATION	
	EL ELECTRICAL	LOL LAYOUT LINE	PVIS POINT OF VERTICAL INTERSECTION STATION	
B/BOT BOTTOM	ETC ET CETERA	Lt LEFT		T TOP
BO BLOW OFF	EL ELECTRICAL	LOC. LOCATION	R, RAD RADIUS	TCE TEMPORARY CONSTRUCTION EASEMENT
BC BEGIN CURVE	EJ EXPANSION JOINT	lb./lbs POUND	REF REFERENCE	T.C. TOP OF CURB
BCR BEGIN CURVE RETURN	EXT EXTERIOR		RD ROAD	TF TOP OF FOUNDATION
BFV BACK FLOW VALVE	(E) EXISTING	MAT MATERIAL	ReI RELOCATE	TOS TOP OF SLAB
BLDG BUILDING	EXIST EXISTING	MAX MAXIMUM	Rmv REMOVE	TSB TRAFFIC SIGNAL BOX
BVCE BEGIN VERTICAL CURVE ELEVATION	EVCE END VERTICAL CURVE ELEVATION	MECH MECHANICAL	REINF REINFORCEMENT	TSP TRAFFIC SIGNAL POLE
BVCS BEGIN VERTICAL CURVE STATION	EVCS END VERTICAL CURVE STATION	MFR MANUFACTURER	RET RETURN	TSPB TRAFFIC SIGNAL PULL BOX
		MIN. MINIMUM	Rplc REPLACE	TW TOP OF WALL
CA. CALIFORNIA		MISC MISCELLANEOUS	R RM RESTROOM	TRESH. THRESHOLD
CL CENTER LINE	FC FRONTIER COMMUNICATIONS	MTL METAL	Rt RIGHT	TYP. TYPICAL
CB CATCH BASIN	FIN FINISH	MBX MAILBOX	REQ'D REQUIRED	UNO / UNLESS (OTHERWISE)
CLF CHAIN LINK FENCE	FF FINISH FLOOR	(N) NEW	RSP REVISED STANDARD PLAN	UON NOTED OTHERWISE
CLR CLEAR	FH FIRE HYDRANT	N.I.C. NOT IN CONTRACT	R/W RIGHT OF WAY	UP UTILITY POLE
CMU CONC. MASONRY UNIT	FIN FINISH	NO, # NUMBER or POUND		Var VARIABLE
COD CURB OUTLET DRAIN	FLR FLOOR	NTS NOT TO SCALE	SF SQUARE FEET	VERT. VERTICAL
COM COMMUNICATIONS	FOM FACE OF MASONRY	OC ON CENTER	SIM SIMILAR	V I F VERIFY IN FIELD
CONC CONCRETE	FT (') FOOT, FEET	OD OUTSIDE DIAMETER	SPEC SPECIFICATION	
COST CONSTRUCTION		O.F.C.I. OWNER FURNISHED	SQ SQUARE	WD WOOD
CONT CONTINUOUS	GA GAUGE	CONTRACTOR INSTALLED	SS STAINLESS STEEL	WO WHERE OCCURS
COORD COORDINATION	GALV GALVANIZED	O.F.& I. OWNER FURNISHED & INSTALLED	SCE SOUTHERN CALIFORNIA EDISON	WP WATER PROOF
	GB GRADE BREAK		STD STANDARD	WPjt WEAKENED-PLANE JOINT
CW CROSSWALK	GM GAS METER	OG ORIGINAL GROUND	SUSP SUSPENDED	WT WEIGHT
	GS GROUND SURFACE	OPP OPPOSITE	SW SWITCH	WWF WELDED WIRE FABRIC
DBL DOUBLE	GTD GOLETA TRAIN DEPOT	OH OPPOSITE HAND	SC SAWCUT	
DEMO DEMOLITION	GEN'L GENERAL			
DIM DIMENSION	GV GAS VALVE			
DET DETAIL	GWD GOLETA WATER DISTRICT			
DIA DIAMETER				



*Shawn Kowalewski*

SHAWN KOWALEWSKI  
PROJECT ENGINEER:  
R.C.E. EXP.



03-04-24  
DATE



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

INVTATION TO BID

REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
General Notes

INVITATION FOR BID - 3/4/2024

CIP-9079  
PBW NO.

BID NO. SHT. DES.

**G101**

DWG NO.

SHEET 2 OF 40

**GENERAL NOTES**

- ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) 2022 STANDARD PLANS, OR WHEN NOT COVERED BY CALTRANS STANDARDS, INCLUDE CITY OF GOLETA STANDARD DETAILS, STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) LATEST EDITION AND SUPPLEMENTS, WITH THE MOST STRINGENT GOVERNING.
- LOCATION OF UTILITIES HAVE BEEN SHOWN TO THE BEST OF THE ENGINEER'S ABILITY AND FROM DATA AND RECORDS FURNISHED BY THE REPRESENTATIVES OF THE VARIOUS UTILITY OWNERS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE TRUE LOCATION AND IDENTIFY OF ANY/ALL UNDERGROUND UTILITIES AND VERIFY ALL CONDITIONS ON THE JOB SITE. CONTRACTOR MUST POTHOLE TO VERIFY THE LOCATION OF EACH AND COORDINATE WITH RESPECTIVE OWNERS FOR RELOCATION, IF NECESSARY. HAND DIG EXCAVATIONS UNTIL CLEAR OF OBSTRUCTIONS.
- CONTRACTOR WILL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES AND/OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS. CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE UTILITY OWNERS BEFORE STARTING WORK (TWO WORKING DAYS NOTICE REQUIRED).
- CONTRACTOR MUST COMPLY WITH ALL APPLICABLE DIVISION OF INDUSTRIAL RELATIONS (CAL/OSHA OR DOSH) SAFETY STANDARDS, IN ACCORDANCE WITH SECTION 7-10.4 OF THE SSPWC. CONTRACTOR MUST PROVIDE PROOF OF A PERMIT FROM CAL/OSHA IF REQUESTED BY THE INSPECTOR.
- CONTRACTOR MUST NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1(800) 422-4133 AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO ALLOW UTILITY OWNERS TO MARK THE LOCATION OF THEIR RESPECTIVE UNDERGROUND FACILITIES/UTILITIES, PUBLIC OR PRIVATE, SHOWN OR NOT SHOWN ON THESE PLANS.
- THE ENGINEER PREPARING THESE PLANS IS NOT RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.
- ACRONYMS AND ABBREVIATIONS ARE PER STANDARD SPECIFICATION AND PLANS AND SUPPLEMENTED BY CALTRANS STANDARD PLANS A3A, A3B, A3C, AND THIS SHEET.
- WORK IN PUBLIC STREETS MUST BE PROSECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
- CONTRACTOR MUST PROTECT ADJACENT PROPERTIES FROM ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
- CONTRACTOR MUST PROVIDE AND MAINTAIN ACCESS TO ALL PROPERTIES FOR THE DURATION OF THE PROJECT. IF ACCESS IS LIMITED DUE TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR MUST PROVIDE ACCESS WITHIN 15 MINUTES. DRIVEWAYS MAY BE CLOSED TO VEHICLE ACCESS FOR UP TO 3 DAYS.
- CONTRACTOR MUST FIELD VERIFY ALL CONTROLLING DIMENSIONS PRIOR TO ORDERING MATERIALS AND COMMENCING WORK.
- THE CONTRACTOR MUST DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND IS SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
- ALL TRENCH REPAIR, BACKFILL, AND COMPACTION MUST BE INSPECTED BY THE PUBLIC WORKS DEPARTMENT.
- CONTRACTOR MUST KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS DURING CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT.
- CONTRACTOR MUST ABATE DUST NUISANCE BY CLEANING, SWEEPING, AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE CITY ENGINEER THROUGHOUT THE CONSTRUCTION OPERATION.
- ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS, STREET FURNISHINGS, OR TO PRIVATE PROPERTY THAT IS OUTSIDE THE DEMOLITION LIMITS MUST BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE ENGINEER'S SATISFACTION.
- SAWCUTTING OF EXISTING PAVEMENT MUST BE TO A CLEAN STRAIGHT EDGE AS DIRECTED BY THE CITY INSPECTOR.
- ALL SUBSURFACE WORK MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT PERFORMED BY ENGeo, INC., AND IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

**ABBREVIATIONS**

A/C	ASDPHALT CONCRETE	INT	INTERSECTION
Adj	ADJUST	LOL	LAYOUT LINE
AP	ANGLE POINT	Lt	LEFT
APN	ASSESSOR PARCEL NUMBER	MBX	MAILBOX
APWA	AMERICAN PUBLIC WORKS ASSOCIATION	OG	ORIGINAL GROUND
ASPH	ASPHALT	PKWY	PARKWAY
B.O.	BLOW OFF	PP	POWER POLE
BC	BEGIN CURVE	PVI	POINT OF VERTICAL INTERSECTION
BCR	BEGIN CURB RETURN	PVIE	POINT OF VERTICAL INTERSECTION ELEVATION
BFV	BACK FLOW VALVE	PVIS	POINT OF VERTICAL INTERSECTION STATION
BVCE	BEGIN VERTICAL CURVE ELEVATION	RD	ROAD
BVCS	BEGIN VERTICAL CURVE STATION	Rel	RELOCATE
CB	CATCH BASIN	Rmv	REMOVE
COD	CURB OUTLET DRAIN	Rplc	REPLACE
COM	COMMUNICATIONS	Rt	RIGHT
CONST	CONSTRUCTION	RSP	REVISED STANDARD PLAN
CW	CROSSWALK	R/W	RIGHT OF WAY
DWG	DRAWING	SCE	SOUTHERN CALIFORNIA EDISON
EC	END CURVE	SC	SAWCUT
ECP	ELECTRICAL CONTROL PANEL	SCG	SOUTHERN CALIFORNIA GAS COMPANY
ECR	END CURB RETURN	SL	STREET LIGHT
EL	ELECTRIC, ELECTRICAL	SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK BY APWA)
EMT	ELECTRIC METER	SR	STATE ROUTE
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
ETC.	ET CETERA	SSP	STATE STANDARD PLAN
EVCE	END VERTICAL CURVE ELEVATION	SW	SIDEWALK
EVCS	END VERTICAL CURVE STATION	SYC	SYCAMORE
EX	EXISTING	TC	TOP OF CURB
FC	FRONTIER COMMUNICATIONS	TCE	TEMPORARY CONSTRUCTION EASEMENT
FL	FLOW LINE	TF	TOP OF FOUNDATION
GB	GRADE BREAK	TSB	TRAFFIC SIGNAL BOX
GM	GAS METER	TSP	TRAFFIC SIGNAL POLE
GS	GROUND SURFACE	TSPB	TRAFFIC SIGNAL PULL BOX
GTD	GOLETA TRAIN DEPOT	TW	TOP OF WALL
GV	GAS VALVE	UP	UTILITY POLE
GWD	GOLETA WATER DISTRICT	Var	VARIABLE
HOA	HOME OWNER ASSOCIATION	WPJt	WEAKENED-PLANE JOINT
HMA	HOT MIX ASPHALT		
ICV	IRRIGATION CONTROL VALVE		

**UTILITY INFORMATION**

<b>CITY OF GOLETA</b> GERALD COMATI 808-962-0488	<b>COX COMMUNICATIONS</b> CARL.GIVENS CARL.GIVENS@COX.COM	<b>FRONTIER COMMUNICATIONS</b> CATHY BROWN BROWN.CATHY@FTR.COM	<b>GOLETA SANITARY DISTRICT (GSD)</b> LUIS ASTORGA LASTORGA@GOLETASANITARY.ORG	<b>GOLETA WATER DISTRICT (GWD)</b> DAN BROOKS DBROOKS@GOLETAWATER.COM	<b>SOUTHERN CALIFORNIA EDISON (SCE)</b> MASPREQUESTS@SCE.COM	<b>SOUTHERN CALIFORNIA GAS (SCG)</b> JOEL CANIZALEZ NORTHWESTDISTRIBUTIONUTILITYREQUEST@SEMPRAUTILITIES.COM
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**LEGEND**

CALTRANS STANDARD PLANS A10A, A10B AND A10C AND SUPPLEMENTED WITH:

— j t — (oh) —	EXISTING OVERHEAD WIRE
— - t —	EXISTING TELEPHONE
— e —	EXISTING ELECTRICAL
— - + v —	EXISTING CABLE
— f o —	EXISTING FIBER OPTIC
— - g —	EXISTING NATURAL GAS
— - w —	EXISTING WATER
— - s —	EXISTING SEWER
— - s d —	EXISTING STORM DRAIN
— J T — (OH) —	NEW OVERHEAD WIRE
— - T —	NEW TELEPHONE
— - E —	NEW ELECTRICAL
— - T V —	NEW CABLE
— F O —	NEW FIBER OPTIC
— - G —	NEW NATURAL GAS
— - W —	NEW WATER
— - S —	NEW SEWER
— - S D —	NEW STORM DRAIN

**UTILITY ADJUSTMENTS**

OBJECT	SHEET NO.	STA/OS	Adj/Rel	BY OWNER	BY CONTRACTOR
WATER VALVE	DM-01	22+74.09 16.63' Lt	Adj	GWD	
WATER VALVE	DM-01	22+78.00 26.77' Rt	Adj	GWD	
WATER VALVE	DM-01	22+89.73 24.93' Rt	Adj	GWD	
TRAFFIC SIGNAL PULL BOX	DM-01	22+95.53 37.36' Rt	Adj		1
TRAFFIC SIGNAL PULL BOX	DM-01	23+10.46 33.78' Rt	Adj		1
WATER METER	DM-01	24+53.50 23.94' Rt	Adj	GWD	
HYDRANT	DM-01	25+01.15 28.14' Rt	Adj	GWD	
GAS VALVE	DM-01	25+95.15 16.05' Lt	Adj	SCG	
IRRIGATION VALVE	DM-01	26+59.24 28.77' Lt	Rel	PROPERTY OWNER	
WATER METER	DM-02	28+41.37 27.88' Lt	Adj	GWD	
VAULT	DM-02	28+63.68 14.58' Rt	Adj	SCE	
WATER METER	DM-02	30+41.70 28.26' Lt	Adj	GWD	
HYDRANT	DM-02	30+41.83 28.57' Rt	Rel	GWD	
WATER VALVE	DM-02	30+41.90 25.74' Rt	Adj	GWD	
MONITOR WELL	DM-02	31+43.82 9.73' Rt	Adj		1
MONITOR WELL	DM-02	31+49.53 9.85' Rt	Adj		1
HOSE BID	DM-02	31+73.48 28.76' Lt	Rel	PROPERTY OWNER	
WATER VALVE	DM-02	32+13.40 23.15' Rt	Adj	GWD	
PULL BOX	DM-02	32+33.61 27.19' Lt	Adj	COX	
VAULT	DM-02	32+37.21 23.08' Lt	Adj	COX	
BACK FLOW VALVE	DM-03	33+73.17 25.67' Lt	Rel	PROPERTY OWNER	
WATER METER	DM-03	33+73.95 22.80' Lt	Adj	GWD	
MAILBOX	DM-03	33+82.77 26.50' Lt	Rel	PROPERTY OWNER	
WATER VALVE	DM-03	34+13.17 22.87' Rt	Adj	GWD	
WATER VALVE	DM-03	34+14.59 24.27' Rt	Adj	GWD	
SEWER MAINTENANCE HOLE	DM-03	34+41.60 0.79' Rt	Adj	GSD	
WATER VALVE	DM-03	34+41.83 25.59' Rt	Adj	GWD	
HYDRANT	DM-03	34+41.89 28.17' Rt	Adj	GWD	
WATER VALVE	DM-03	34+47.78 25.44' Rt	Adj	GWD	
POLE	DM-03	34+63.38 24.46' Lt	Rel	FRT	
PULL BOX	DM-03	34+84.38 23.65' Lt	Adj	SCE	
MONITOR WELL	DM-03	35+14.94 22.32' Rt	Adj		1
MAILBOX	DM-03	35+53.81 28.66' Lt	Rel	PROPERTY OWNER	
POLE	DM-03	35+76.12 27.92' Lt	Rel	FRT	
CONDUIT	DM-03	35+76.12 24.50' Lt	Rel	COX	
WATER METER	DM-03	36+50.80 29.67' Lt	Adj	GWD	
VAULT	DM-03	37+87.97 22.93' Lt	Adj	FRT	
WATER VALVE	DM-03	38+24.93 13.30' Rt	Adj	GWD	



PUBLIC WORKS DEPARTMENT  
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APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
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DRAWN: \_\_\_\_\_ GD \_\_\_\_\_  
CHECKED: \_\_\_\_\_ SK \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_

NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
GENERAL NOTES

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**GN-01**  
DWG NO. \_\_\_\_\_  
SHEET 3 OF 40

*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24



INVITATION FOR BID - 3/4/2024





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ENGINEERING DIVISION

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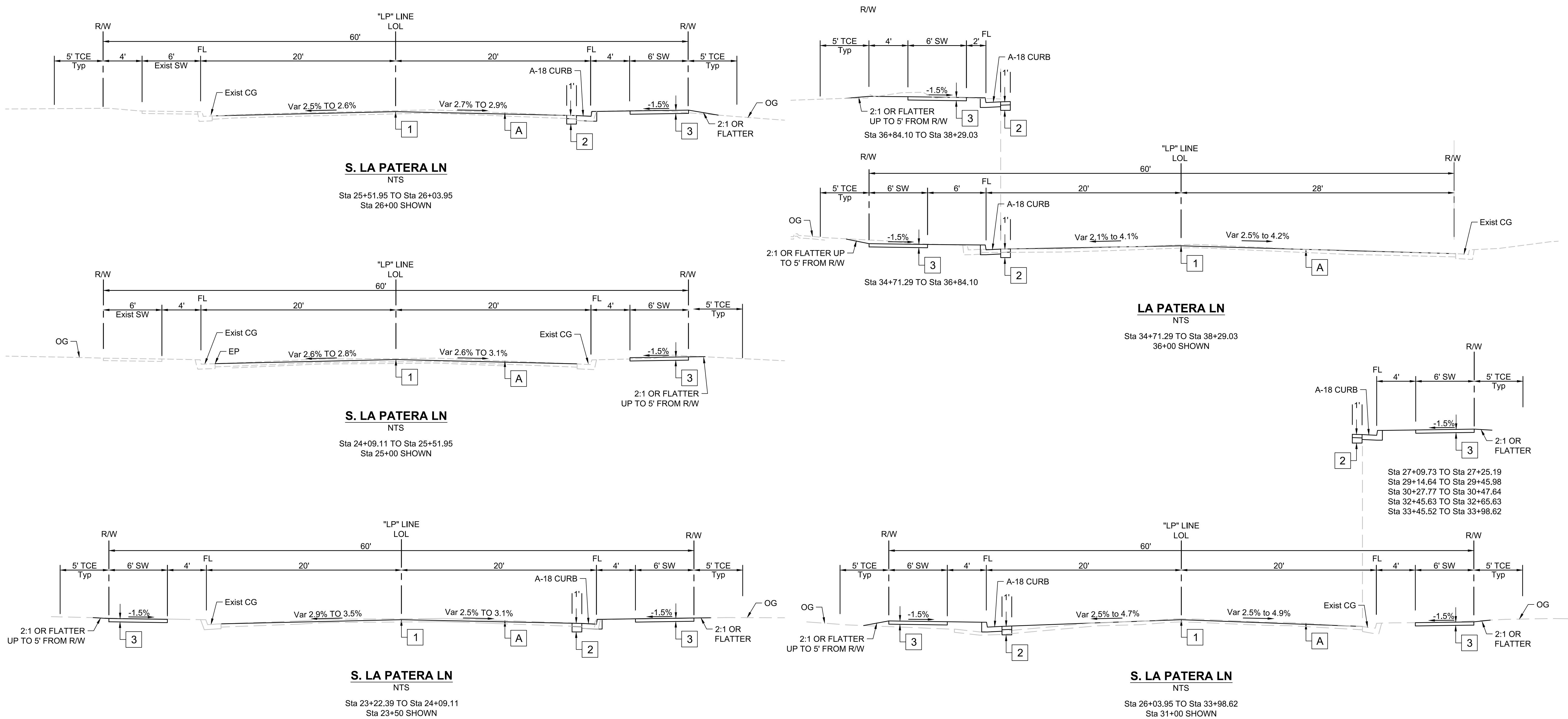
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BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
TYP-01  
DWG NO. \_\_\_\_\_  
SHEET 5 OF 40

INVITATION FOR BID - 3/4/2024

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
TYPICAL SECTIONS



**TYPICAL PAVEMENT SECTIONS**

- 1. Var COLD PLANE ASPHALT CONCRETE (UP TO 0.35')  
Var HMA LEVELING COURSE (0.10' MAX)  
0.15' HMA (TYPE A) OVERLAY
- 2. PAVEMENT SLOT PAVING AT NEW CURB  
0.35' HMA (Type A)  
1.00' CL 2 AB
- 3. CONCRETE SURFACING  
4" MINOR Conc FOR SW  
6" MINOR Conc FOR CURB RAMP  
8" MINOR Conc FOR COMMERCIAL Dwy
- 4. PRIVATE CONFORMS  
0.25' HMA (TYPE A)  
0.50' CL 2 AB

**EXISTING PAVEMENT SECTIONS**

- A. HMA (VARIES)  
AB (VARIES)

**CONCRETE SIDEWALK, CURB, RAMP AND DRIVEWAY NOTES**

1. WHERE SIDEWALKS AND CURB ABUT, IT IS REQUIRED THAT THE TWO BE POURED MONOLITHICALLY AS ONE PIECE. PROVIDE A HALF INCH RADIUS TOOL-MARK (SCORE LINE) TO INDICATE THE BACK OF CURB. WHERE CURB AND SIDEWALK ABUT, BUT ARE POURED SEPARATELY, DOWELS MUST BE PLACED. SEE CITY OF GOLETA STANDARD DETAIL 4-045 DETAILS A AND B.
2. SIDEWALK AND CURB RAMP MUST BE 4 INCHES THICK WITH 1% TRANSVERSE SLOPE UNLESS OTHERWISE NOTED ON PLANS. RESIDENTIAL DRIVEWAY MUST BE 6 INCHES THICK AND COMMERCIAL DRIVEWAY MUST BE 8 INCHES THICK.
3. THE MINIMUM FALL FOR ALL GUTTERS ON STREETS IS 0.30%.
4. SUBGRADE MATERIALS MUST BE COMPACTED TO 90% OF MAXIMUM DENSITY FOR A MINIMUM DEPTH OF 6 INCHES.
5. CURB RAMPS MUST HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3-FEET DEPTH OF THE RAMP.
6. BACK-CURBS (RETAINING CURBS) MUST BE 6 INCHES WIDE AND MUST BE INTEGRAL TO THE RAMP.
7. BACK-OF-SIDEWALK TRANSITIONS AT RETAINING CURBS MUST BE 4:1 LONGITUDINAL TO TRANSVERSE.
8. EXPANSION JOINTS MUST BE MADE WITH CALTRANS APPROVED 1/2 INCH THICK EXPANSION FILLER PAPER PLACED AT THE BEGINNING AND END OF EACH CURB

**GENERAL NOTES**

1. PAVEMENT STRUCTURAL SECTION DIMENSIONS ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. EXISTING PAVEMENT SECTIONS ARE BASED ON RECORD DRAWINGS AND PAVEMENT CORINGS.
3. LIMITS OF CURB, GUTTER, SIDEWALKS, RETAINING CURB, FENCE AND PAVEMENT TYPES SHOWN ON PLAN AND PROFILE SHEETS.
4. VARIABLE CROSS SLOPE CONTROLLED BY ROAD PROFILE AND FLOW LINE GRADES SHOWN ON PP SHEETS, OR EXISTING SURFACES AND GRADES WHERE MATCHING EXISTING.
5. ROADWAY EXCAVATION INCLUDES REMOVAL OF EXISTING PAVEMENTS, BASES AND SUBGRADE MATERIALS TO TO GRADING PLANE AND 2:1 CONFORM SLOPES.
6. ROAD CURB PER CITY OF GOLETA STANDARD DETAILS 4-030 AND 4-035.
9. WEAKENED-PLANE JOINT MUST BE TOOLED FOR A GROOVE 1-1/2 INCHES DEEP ON SIDEWALK, DRIVEWAY, AND RAMPS, AND ONE-THIRD THE THICKNESS OF CURBS. WEAKENED-PLANE JOINT MUST BE MADE NO MORE THAN 10 FEET APART, AND AT BOTH SIDES OF METER/PULL BOXES. JOINTS IN ADJACENT CURBS AND SIDEWALKS MUST BE ALIGNED. WEAKENED-PLANE JOINT MUST BE PLACED AT THE CENTER OF THE DRIVEWAY, AT GRADE BREAKS AND WHERE SIDEWALK AND CURBS MEET WITH THE DRIVEWAY RAMP.
10. SCORE LINES MUST BE TOOLED 1/4 INCH DEEP ON SIDEWALK MIDWAY BETWEEN WEAKENED-PLANE JOINT. A SCORE LINE MUST BE MADE TO CONTINUE THE LINE FOR THE BACK OF CURB THROUGH CURB RAMPS AND DRIVEWAY APRONS.
11. PAVING MUST LEAVE AN HMA LIP 1/4 INCH MAXIMUM ABOVE THE TOP OF THE CONCRETE GUTTER AS MEASURED AFTER COMPACTION. PAVING THAT IS COMPACTED LOWER THAN THE GUTTER LIP IS NOT ACCEPTABLE.
12. SECTIONS OF ADJOINING SIDEWALK MAY BE DEPRESSED TO MAKE AN ADA COMPLIANT TRANSITION TO THE DRIVEWAY. RETAINING CURBS MAY BE NECESSARY.

**GENERAL NOTES**

1. PAVEMENT STRUCTURAL SECTION DIMENSIONS ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. EXISTING PAVEMENT SECTIONS ARE BASED ON RECORD DRAWINGS AND PAVEMENT CORINGS.
3. LIMITS OF CURB, GUTTER, SIDEWALKS, RETAINING CURB, FENCE AND PAVEMENT TYPES SHOWN ON PLAN AND PROFILE SHEETS.
4. VARIABLE CROSS SLOPE CONTROLLED BY ROAD PROFILE AND FLOW LINE GRADES SHOWN ON PP SHEETS, OR EXISTING SURFACES AND GRADES WHERE MATCHING EXISTING.
5. ROADWAY EXCAVATION INCLUDES REMOVAL OF EXISTING PAVEMENTS, BASES AND SUBGRADE MATERIALS TO TO GRADING PLANE AND 2:1 CONFORM SLOPES.
6. ROAD CURB PER CITY OF GOLETA STANDARD DETAILS 4-030 AND 4-035.

SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE





PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_

NO. \_\_\_\_\_

REVISIONS

NO. \_\_\_\_\_

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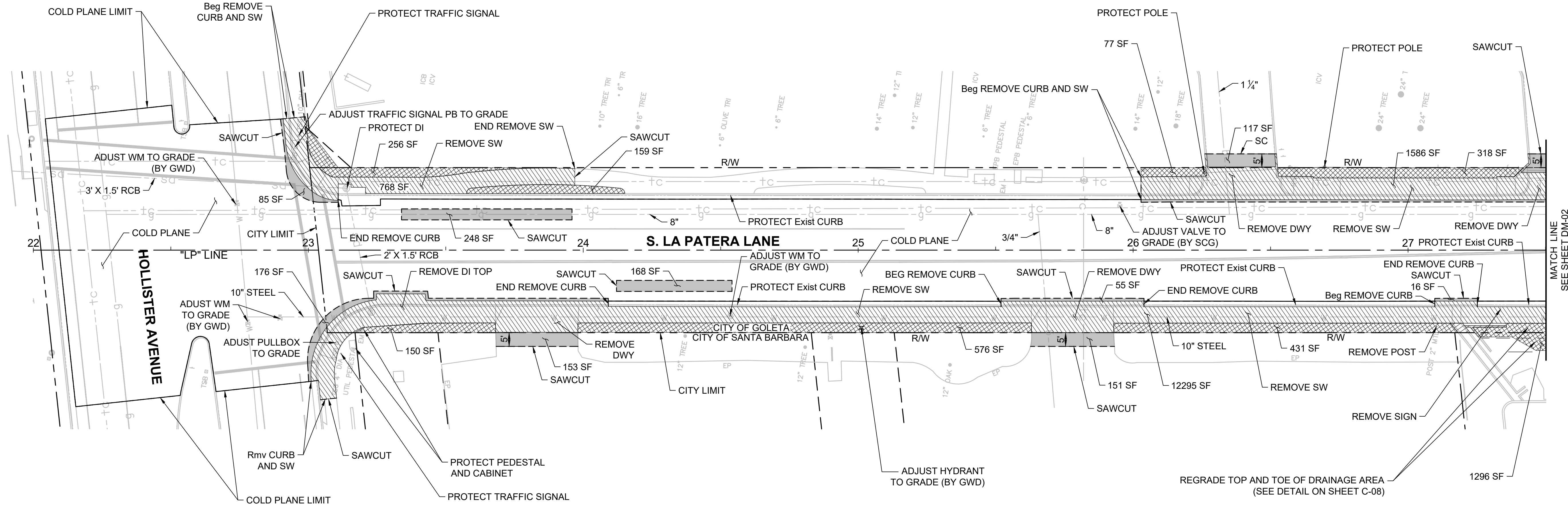
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DM-01  
DWG NO. \_\_\_\_\_




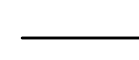
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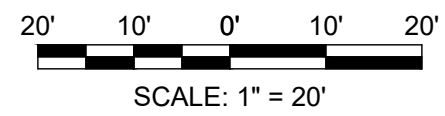
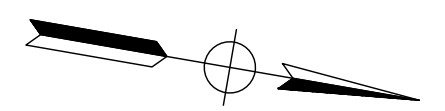
INVITATION FOR BID - 3/4/2024

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
DEMOLITION PLAN



**LEGEND**

-  REMOVE CONCRETE
-  CLEARING AND GRUBBING
-  REMOVE AC
-  SAWCUT AND COLD PLANE LIMIT



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE



MATCH LINE  
SEE SHEET DM-02





PUBLIC WORKS  
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ENGINEERING DIVISION

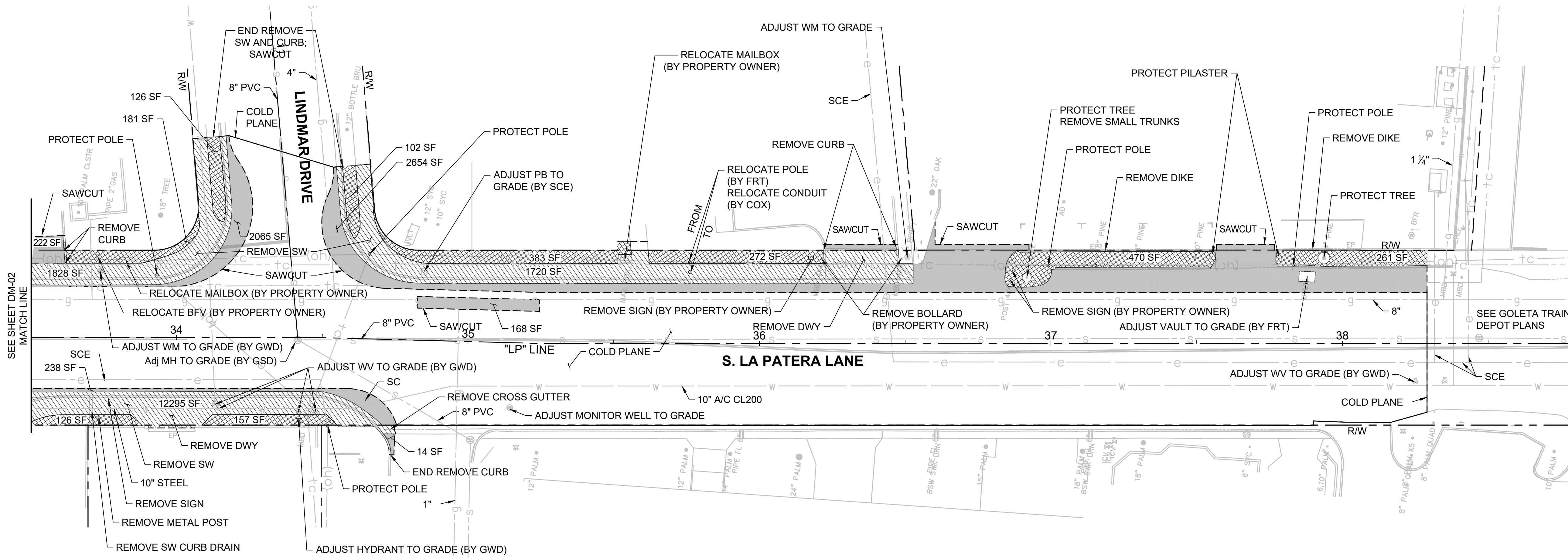
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DATE \_\_\_\_\_  
ORIGINAL SIGNED DATE \_\_\_\_\_

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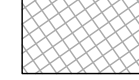

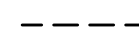
CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
DEMOLITION PLAN

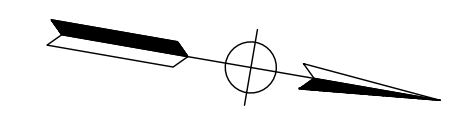
INVITATION FOR BID - 3/4/2024

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
DM-03  
DWG NO. \_\_\_\_\_  
SHEET 8 OF 40



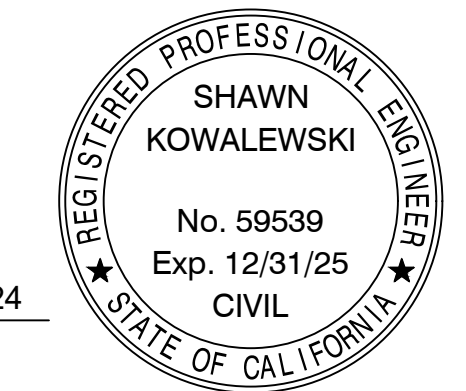
**LEGEND**

-  REMOVE CONCRETE
-  CLEARING AND GRUBBING
-  REMOVE AC
-  SAWCUT AND COLD PLANE LIMIT



*Shawn Kowalewski*  
 SHAWN KOWALEWSKI  
 PROJECT ENGINEER

02/06/24  
DATE







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DEPARTMENT  
ENGINEERING DIVISION

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CITY ENGINEER ORIGINAL SIGNED DATE

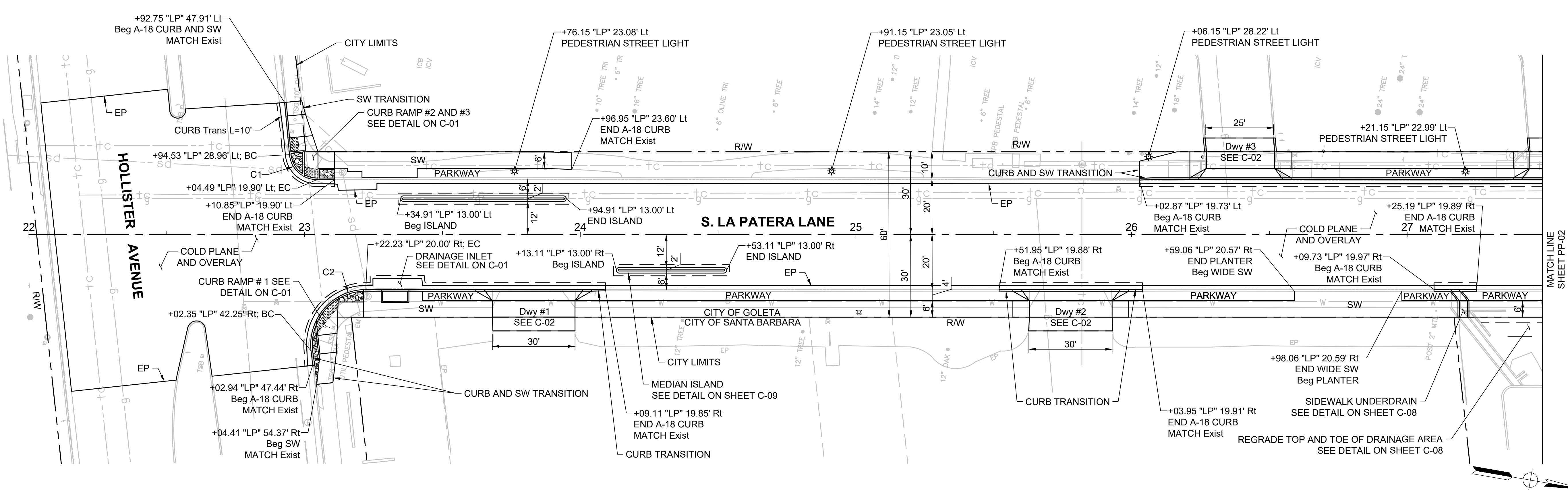
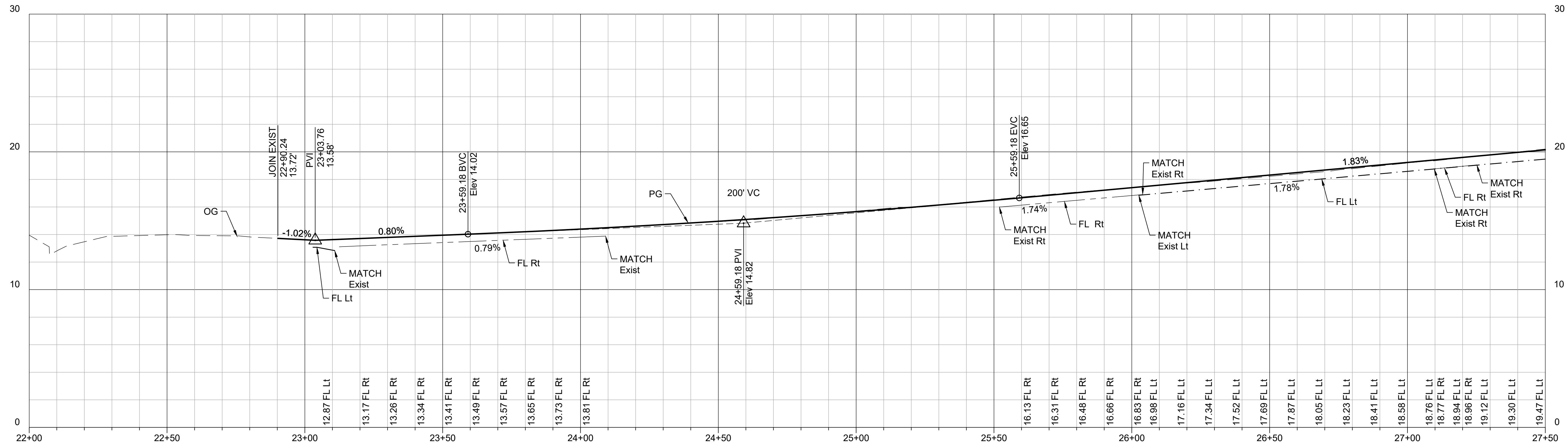
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REVISIONS

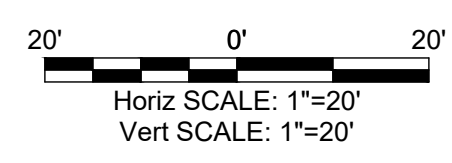
# SOUTH LA PATERA LANE IMPROVEMENT PROJECT ROADWAY PLAN AND PROFILE

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**PP-01**  
DWG NO. \_\_\_\_\_  
SHEET 9 OF 40



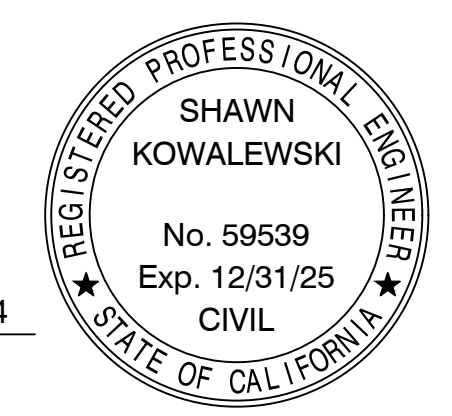
- NOTES:**
- ADDITIONAL CONSTRUCTION DETAILS PROVIDED ON SHEETS C-01 TO C-09.
  - CURB AND SIDEWALK TRANSITIONS TO EXISTING FEATURES EXTEND OVER 5', UNLESS OTHERWISE NOTED.
  - CURB ALIGNMENT AND LAYOUT REFERENCES FLOW LINE, UNLESS OTHERWISE NOTED.
  - CURB DETAILS ON C-09.
  - SEE LANDSCAPE PLANS FOR PARKWAY DETAILS.

CURVE DATA				
No.	L	R	DELTA	Tan
C1	14.77	10.00'	84°36'45"	9.10'
C2	33.68	20.00'	96°28'30"	22.40'



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
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ENGINEERING DIVISION

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CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

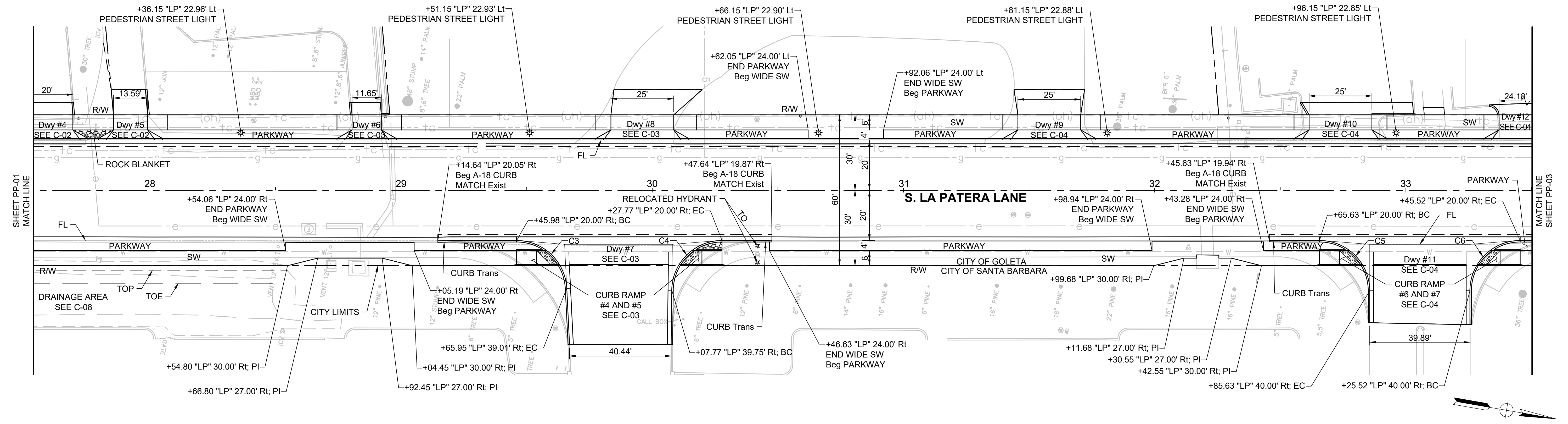
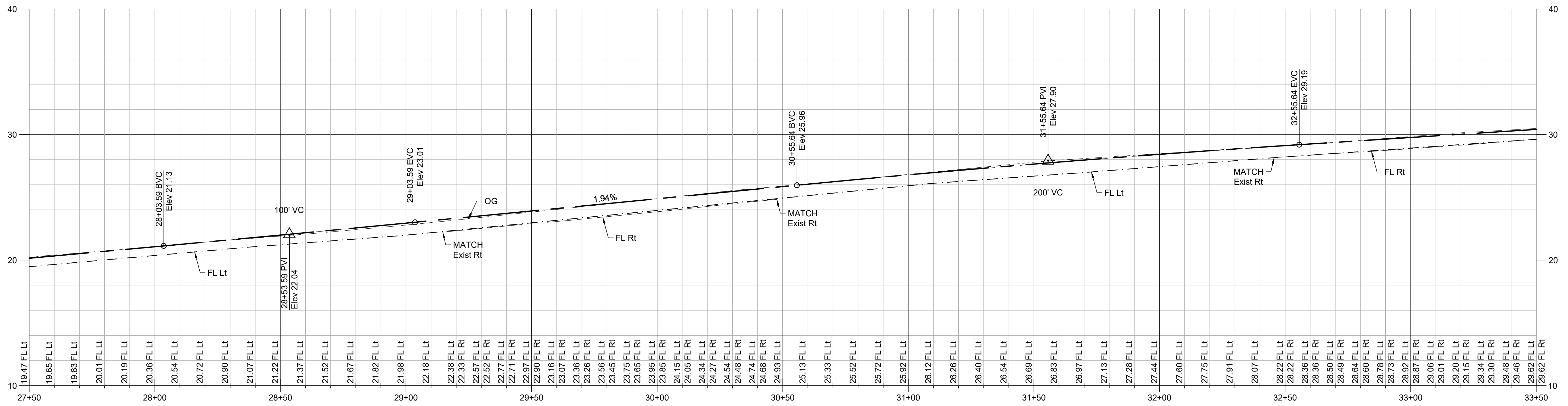
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REVISIONS

# SOUTH LA PATERA LANE IMPROVEMENT PROJECT ROADWAY PLAN AND PROFILE

# INVITATION FOR BID - 3/4/2024



### NOTES:

- ADDITIONAL CONSTRUCTION DETAILS PROVIDED ON SHEETS C-01 TO C-09.
- CURB AND SIDEWALK TRANSITIONS TO EXISTING FEATURES EXTEND OVER 5', UNLESS OTHERWISE NOTED.
- CURB ALIGNMENT AND LAYOUT REFERENCES FLOW LINE, UNLESS OTHERWISE NOTED.
- CURB DETAILS ON C-09.
- SEE LANDSCAPE PLANS FOR PARKWAY DETAILS.

### CURVE DATA

No.	L	R	DELTA	Tan
C3	30.42	20.00'	87°09'30"	19.03'
C4	31.17	20.00'	89°17'45"	19.76'
C5	31.42	20.00'	90°00'00"	20.00'
C6	31.42	20.00'	90°00'00"	20.00'



*Shawn Kowalewski*  
 SHAWN KOWALEWSKI  
 PROJECT ENGINEER

02/06/24  
 DATE



PBW NO. \_\_\_\_\_  
 BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**PP-02**  
 DWG NO. \_\_\_\_\_  
 SHEET 10 OF 40



PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

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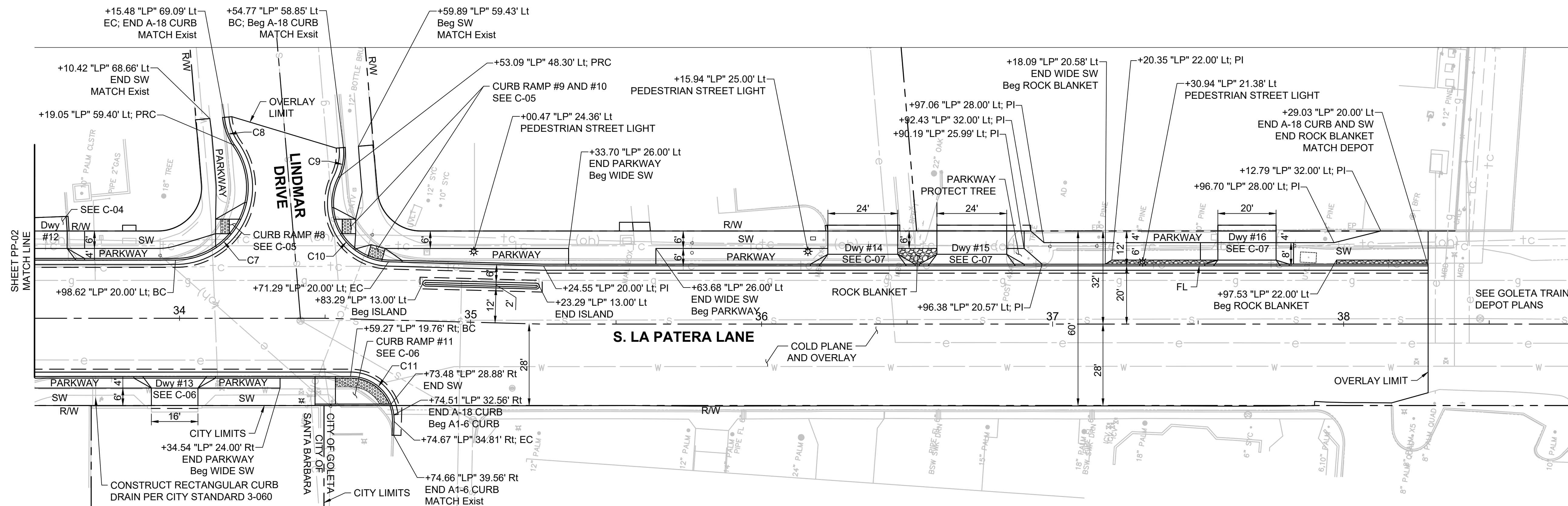
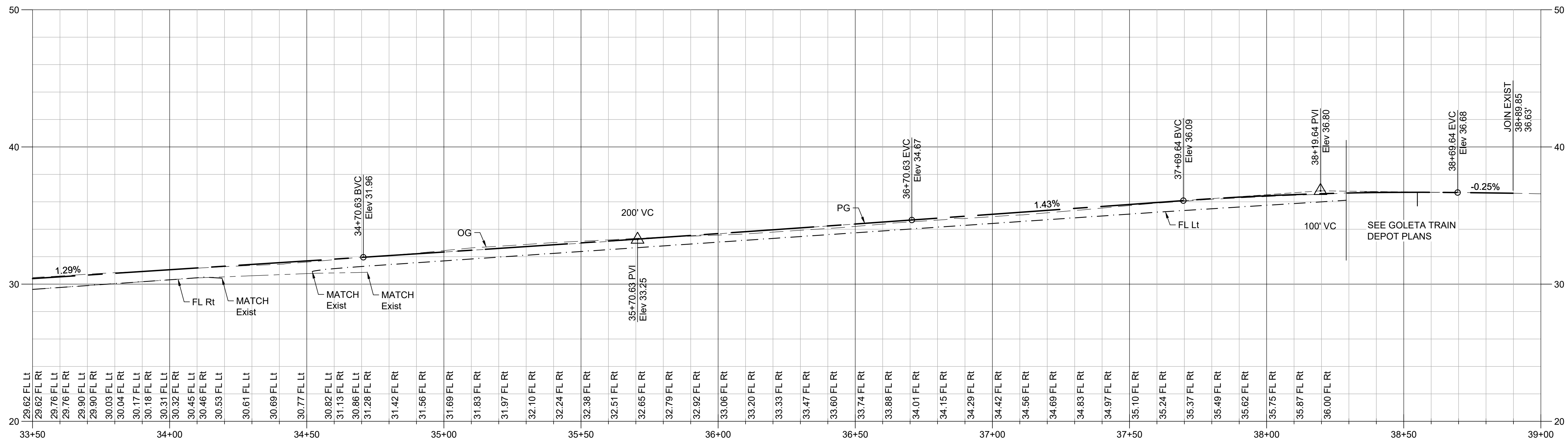
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REVISIONS

# CITY OF GOLETA SOUTH LA PATERA LANE IMPROVEMENT PROJECT ROADWAY PLAN AND PROFILE

# INVITATION FOR BID - 3/4/2024



### NOTES:

- ADDITIONAL CONSTRUCTION DETAILS PROVIDED ON SHEETS C-01 TO C-09.
- CURB AND SIDEWALK TRANSITIONS TO EXISTING FEATURES EXTEND OVER 5', UNLESS OTHERWISE NOTED.
- CURB ALIGNMENT AND LAYOUT REFERENCES FLOW LINE, UNLESS OTHERWISE NOTED.
- CURB DETAILS ON C-09.
- SEE LANDSCAPE PLANS FOR PARKWAY DETAILS.

CURVE DATA				
No.	L	R	DELTA	Tan
C7	54.61	25.00'	125°09'45"	48.19'
C8	10.44	20.00'	29°55'00"	5.34'
C9	10.82	20.00'	30°59'15"	5.54'

CURVE DATA				
No.	L	R	DELTA	Tan
C10	39.98	20.00'	114°31'30"	31.11'
C11	24.02	15.00'	91°45'00"	15.47'



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE



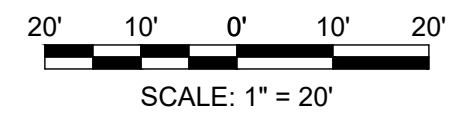
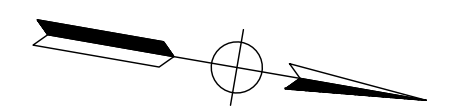
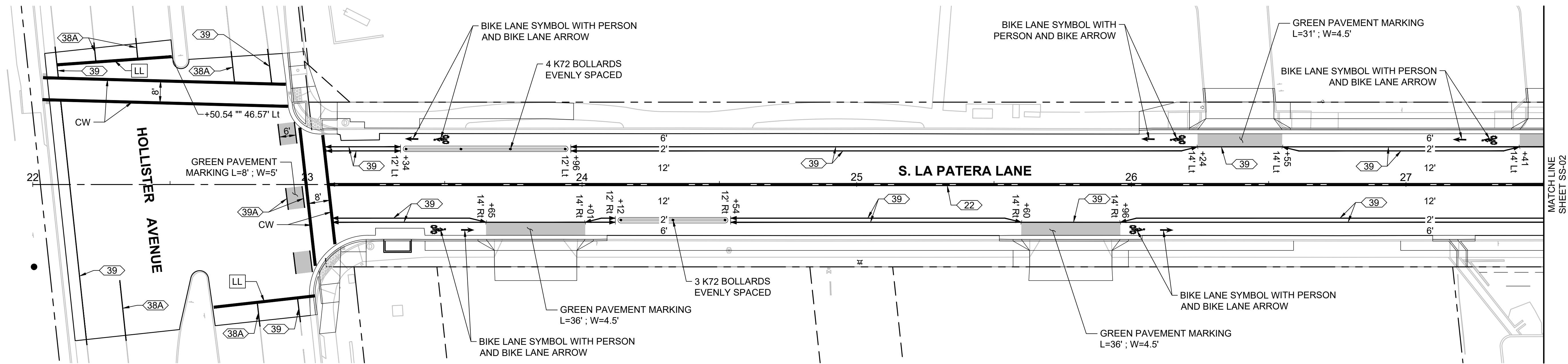
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BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**PP-03**  
DWG NO. \_\_\_\_\_  
SHEET 11 OF 40

**GENERAL NOTES**

- ROADSIDE SIGNS, PAVEMENT DELINEATION (STRIPING), MARKINGS, AND MARKERS MUST CONFORM TO THE LATEST EDITION OF CALTRANS STANDARD PLANS AND AND SPECIFICATIONS, AND THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL (CA-MUTCD).
- PAVEMENT STRIPING AND MARKING MUST BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
- REMOVE ALL EXISTING STRIPING AND PAVEMENT MARKINGS WHICH CONFLICT WITH NEW WORK SHOWN ON THE PLANS BY WET SANDBLASTING. SANDBLAST AREAS FOR PAVEMENT MARKING LEGEND AND ARROWS MUST BE RECTANGULAR.
- CONSTRUCTION MATERIALS FOR ROADSIDE SIGN AND PAVEMENT DELINEATION WORK MUST BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- LANE WIDTH SHOWN ON THE PLAN ARE DIMENSIONED FROM CURB FLOW LINE TO CENTER OF STRIPE OR TO THE STRIPE LAYOUT LINE (ETW).
- CONTRACTOR MUST "CAT TRACK" PAVEMENT STRIPING AND MARKING AND FIELD MATCH FOR REVIEW AND APPROVAL BY CITY ENGINEER PRIOR TO FINAL SIGN AND STRIPING INSTALLATION.
- THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.

**LEGEND**

- (SX-X) SIGN IDENTIFICATION NUMBER
- <XX> STRIPING DETAIL NUMBER PER CALTRANS STANDARD PLANS A20A - A20G
- LL 12" WIDE WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24G
- ↓ ROADSIDE SIGN
- CW CROSSWALK
- RM REMOVE SIGN
- RL RELOCATE SIGN
- RS RESET SIGN
- SNS STREET NAME SIGN
- STOP WHITE "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D
- K72 WHITE REFLECTIVE FLEXIBLE BOLLARD
- +XX BEGIN/END TRAFFIC STRIPE DETAIL



*Shawn Kowalewski*  
 SHAWN KOWALEWSKI  
 PROJECT ENGINEER

02/06/24  
 DATE



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NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
 SOUTH LA PATERA LANE  
 IMPROVEMENT PROJECT  
 SIGNING AND STRIPING

INVITATION FOR BID - 3/4/2024

PBW NO. \_\_\_\_\_  
 BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**SS-01**  
 DWG NO. \_\_\_\_\_  
 SHEET 12 OF 40



PUBLIC WORKS  
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ENGINEERING DIVISION

APPROVED: \_\_\_\_\_  
CITY ENGINEER  
DATE \_\_\_\_\_  
ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

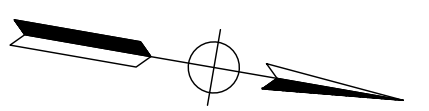
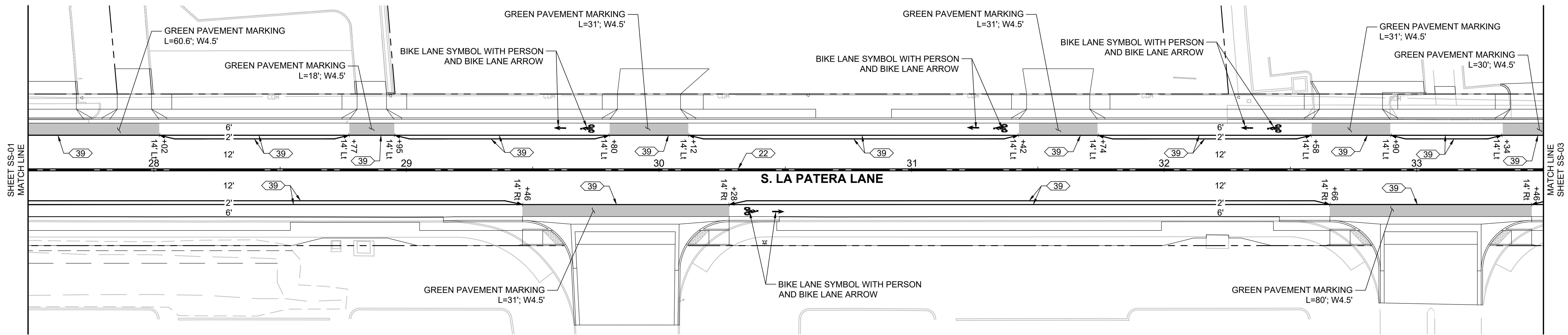
NO.	DATE	APPROVED	REVISIONS

**SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
SIGNING AND STRIPING**

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**SS-02**  
DWG NO. \_\_\_\_\_

SHEET 13 OF 40

**INVITATION FOR BID - 3/4/2024**



20' 10' 0' 10' 20'  
SCALE: 1" = 20'

*Shawn*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE





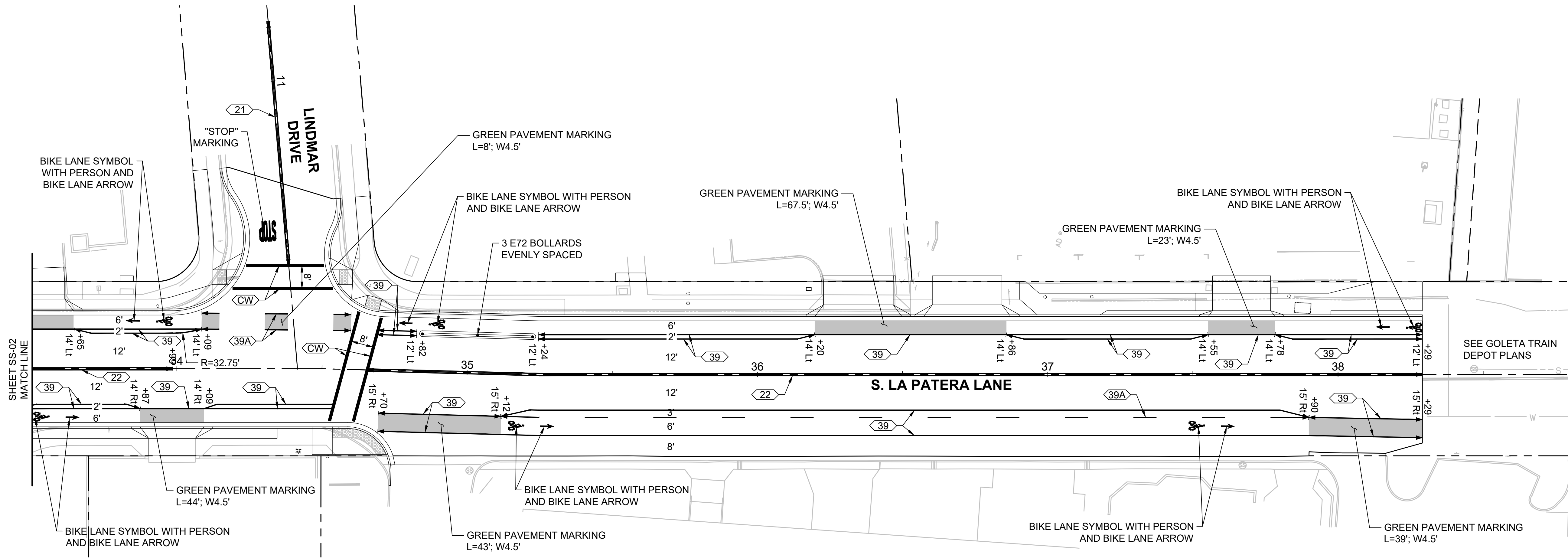
PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

DESIGN:	GD:
DRAWN:	GD:
CHECKED:	SK:
APPROVED:	DATE:
CITY ENGINEER:	ORIGINAL SIGNED DATE:

NO.	DATE	APPROVED	REVISIONS

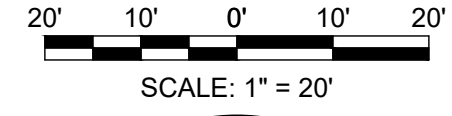
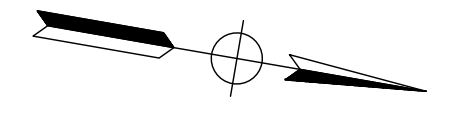
CITY OF GOLETA  
**SOUTH LA PATERA LANE  
 IMPROVEMENT PROJECT  
 SIGNING AND STRIPING**

**INVITATION FOR BID - 3/4/2024**



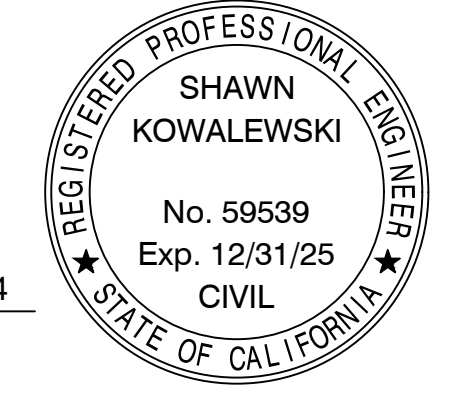
SHEET SS-02  
MATCHLINE

SEE GOLETA TRAIN DEPOT PLANS



*Shawn*  
 SHAWN KOWALEWSKI  
 PROJECT ENGINEER

02/06/24  
 DATE



PBW NO.	
BID NO.	SHT. DES.
<b>SS-03</b>	DWG NO.
SHEET 14 OF 40	



PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_

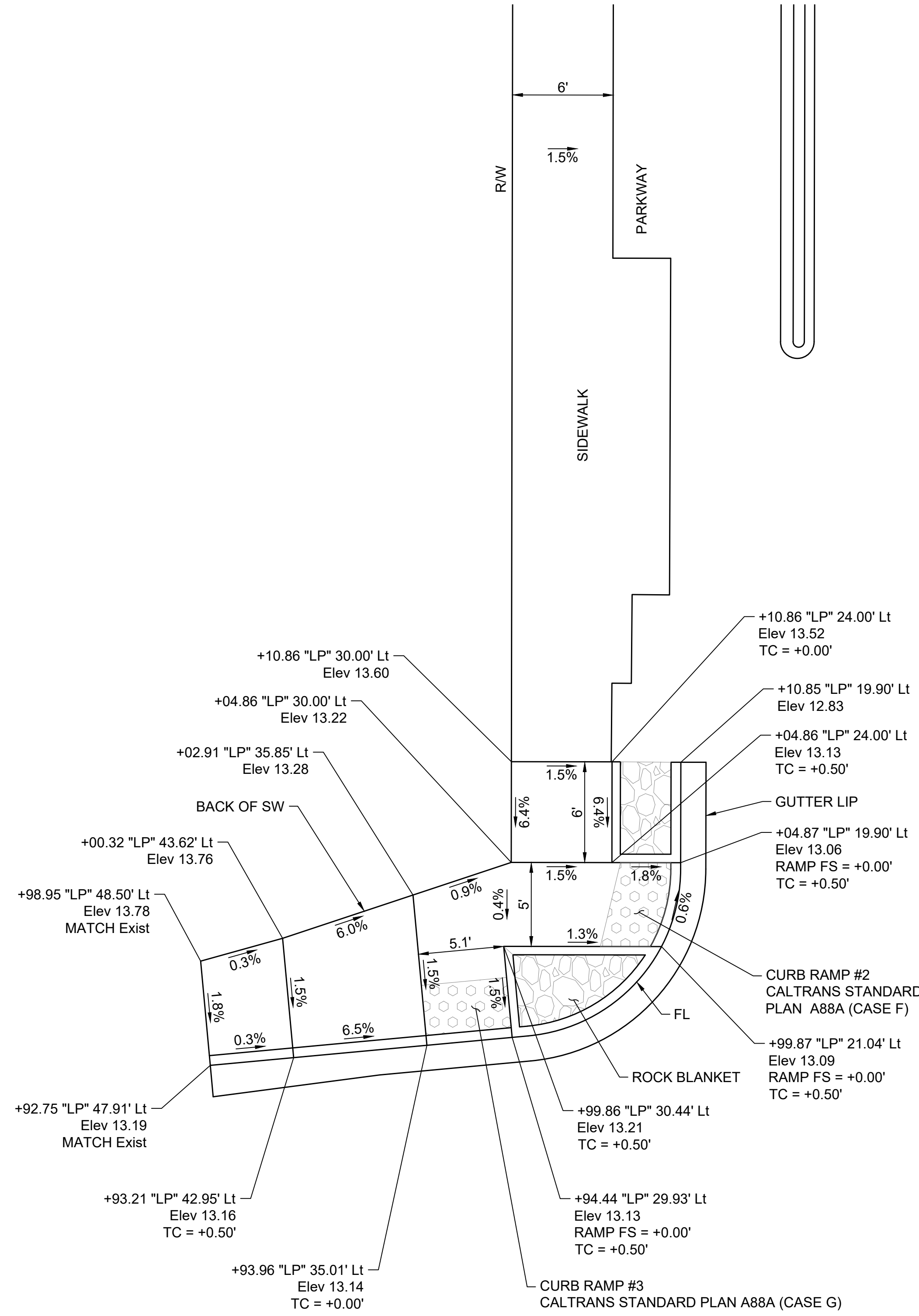
NO.	DATE	APPROVED	REVISIONS

# SOUTH LA PATERA LANE IMPROVEMENT PROJECT CONSTRUCTION DETAILS

CITY OF GOLETA

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**C-01**  
DWG NO. \_\_\_\_\_  
SHEET 15 OF 40

# INVITATION FOR BID - 3/4/2024



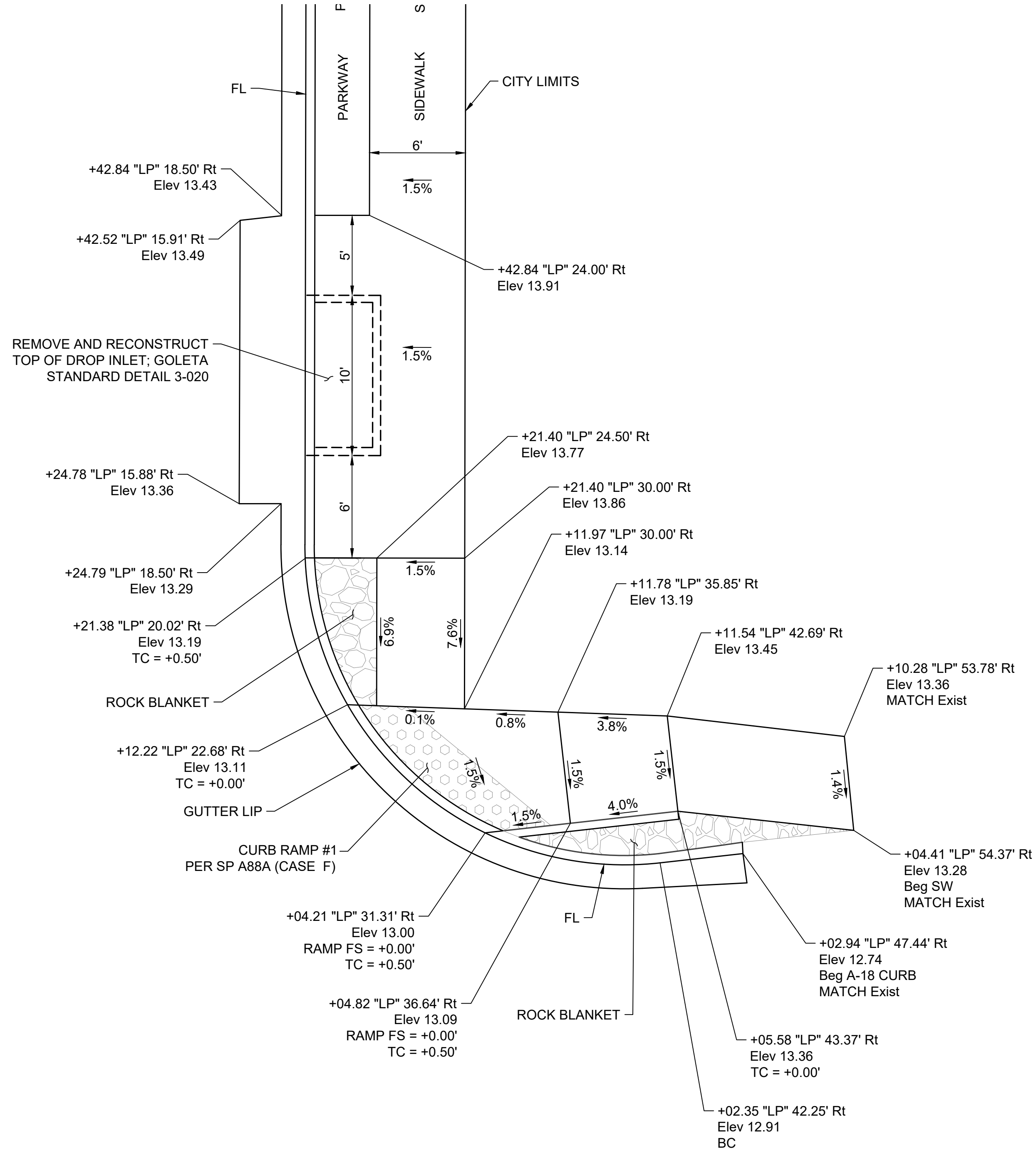
**CURB #1, #2 AND #3**  
SCALE: 1" = 5'

S. LA PATERA LANE

'LP' LINE

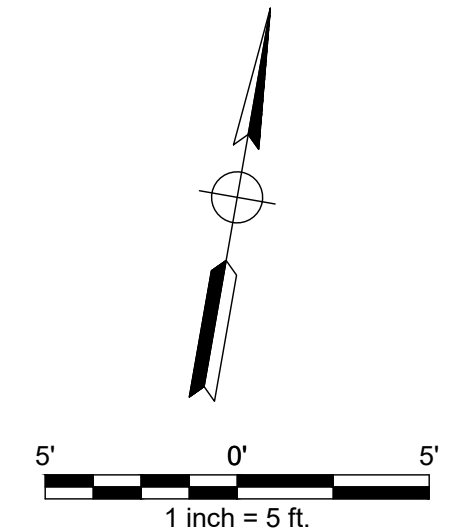
23

HOLLISTER AVENUE



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE





PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_  
DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE: \_\_\_\_\_

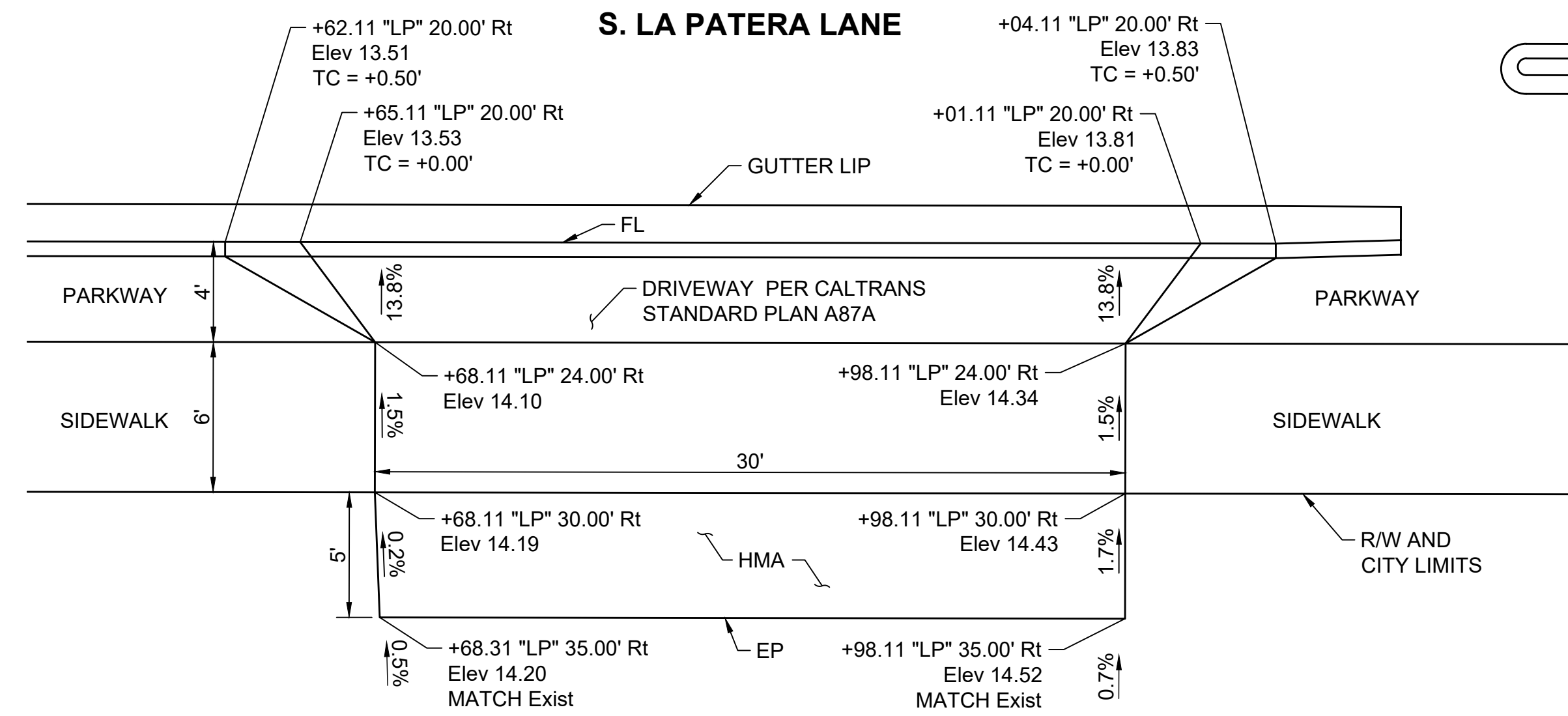
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DATE DRAWN: \_\_\_\_\_  
DATE CHECKED: \_\_\_\_\_

NO.	DATE	APPROVED	REVISIONS

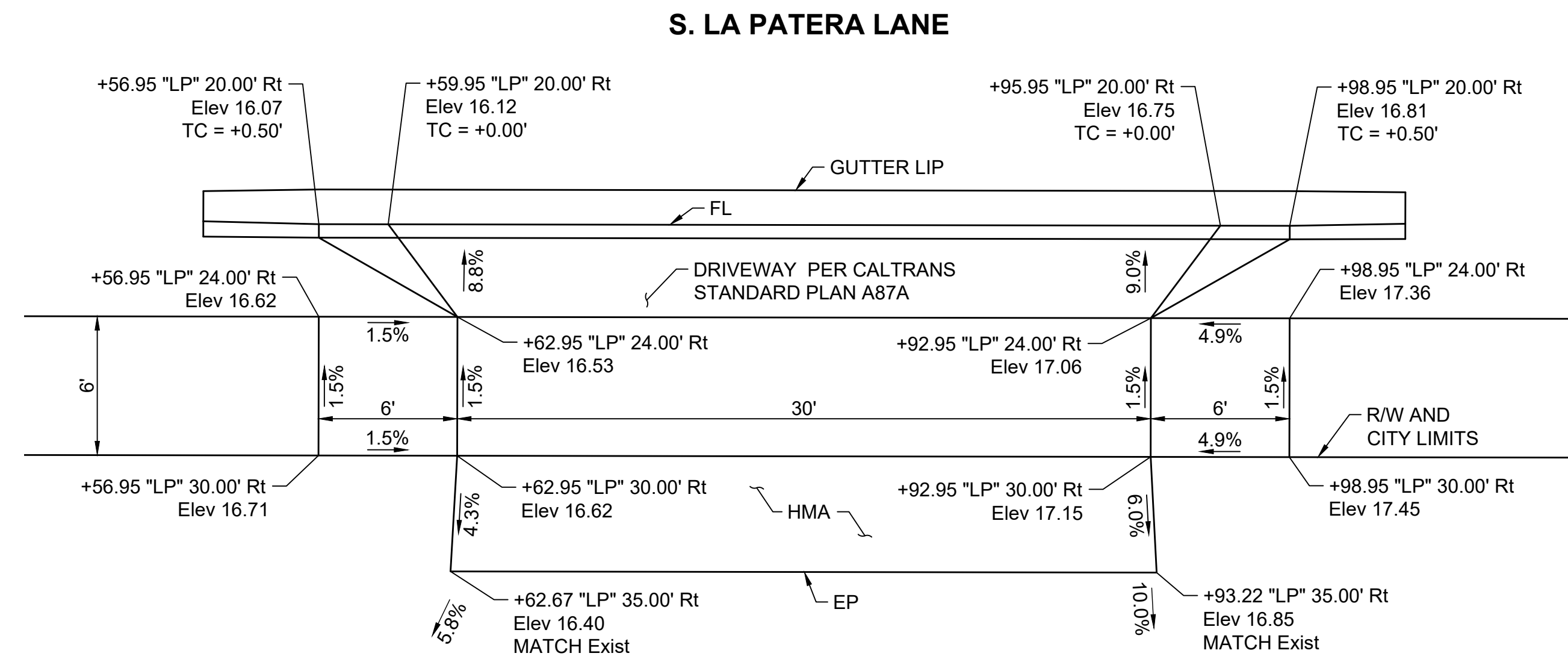
CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
CONSTRUCTION DETAILS

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
C-02  
DWG NO. \_\_\_\_\_  
SHEET 16 OF 40

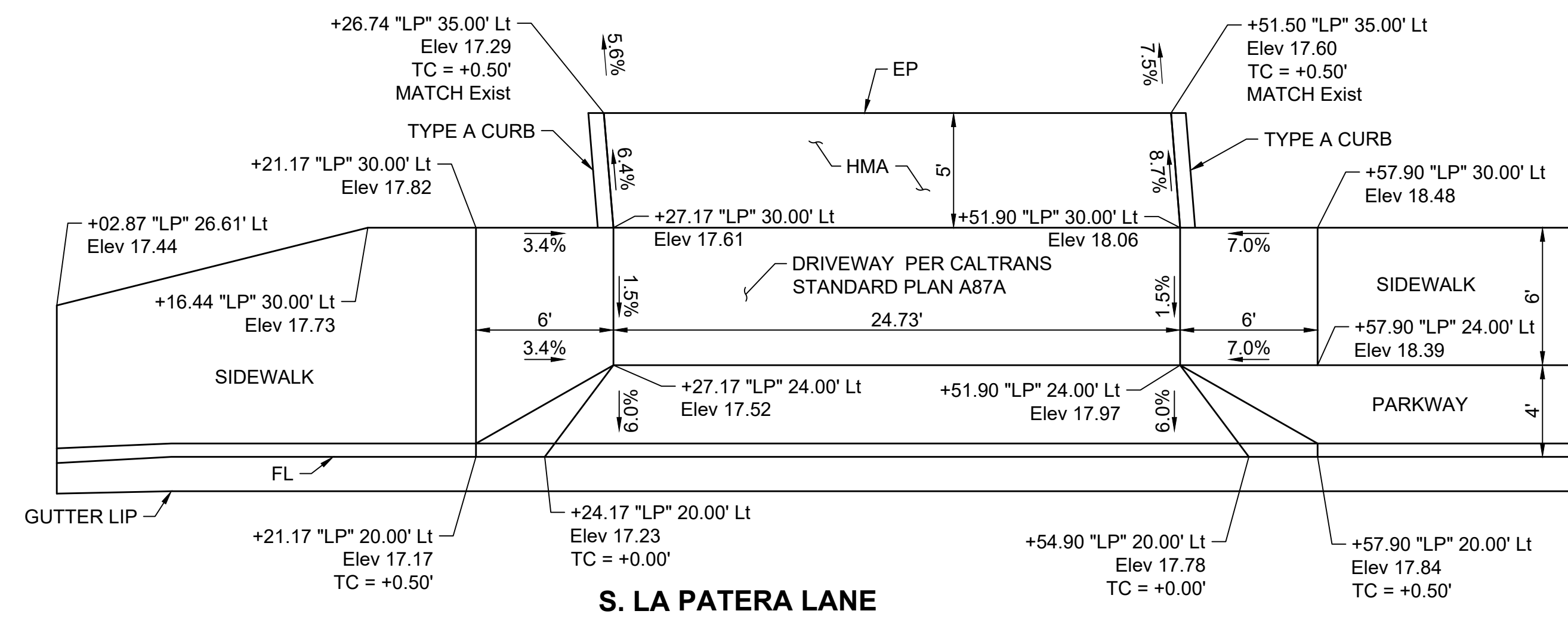
INVITATION FOR BID - 3/4/2024



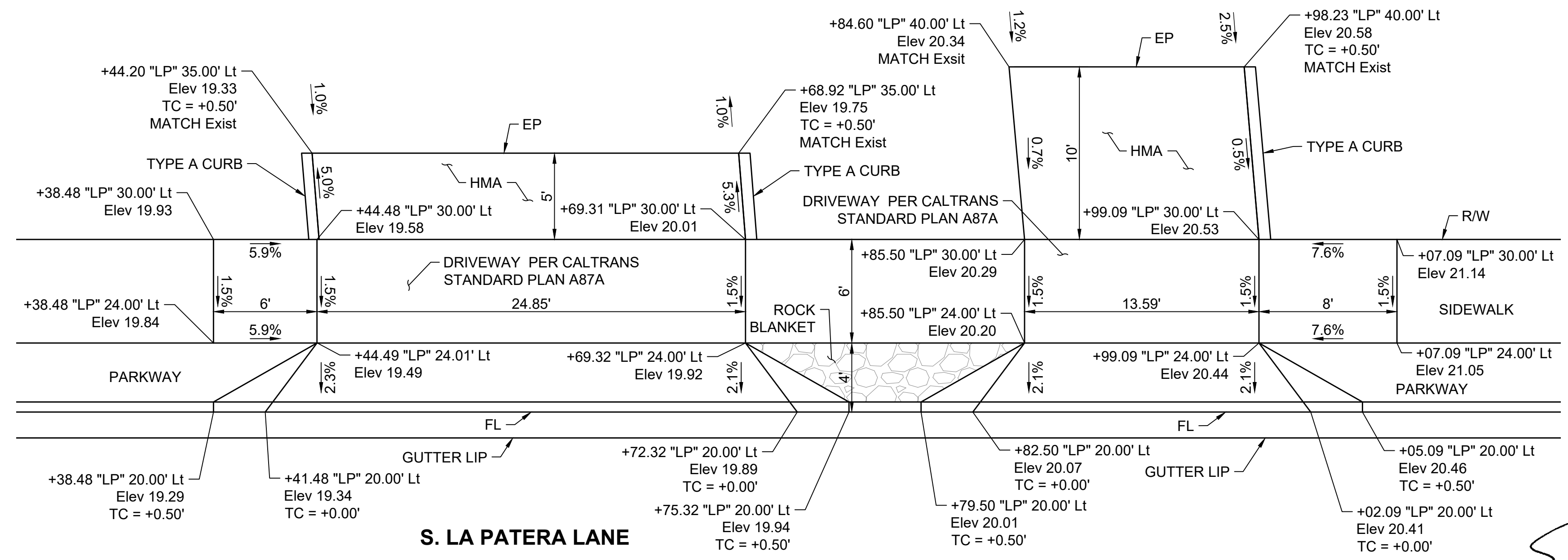
**DRIVEWAY #1**  
SCALE: 1" = 5'



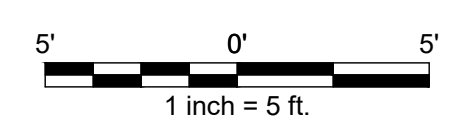
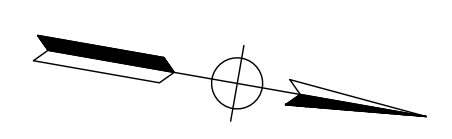
**DRIVEWAY #2**  
SCALE: 1" = 5'



**DRIVEWAY #3**  
SCALE: 1" = 5'



**DRIVEWAY #4 AND #5**  
SCALE: 1" = 5'



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

02/06/24  
DATE













PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_  
CITY ENGINEER  
ORIGINAL SIGNED DATE: \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
SK: \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_  
NO. \_\_\_\_\_

REVISIONS

NO. \_\_\_\_\_

NO. \_\_\_\_\_

NO. \_\_\_\_\_

NO. \_\_\_\_\_

NO. \_\_\_\_\_

NO. \_\_\_\_\_

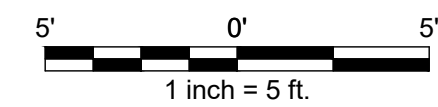
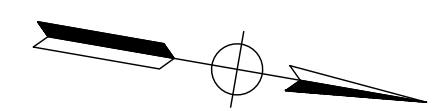
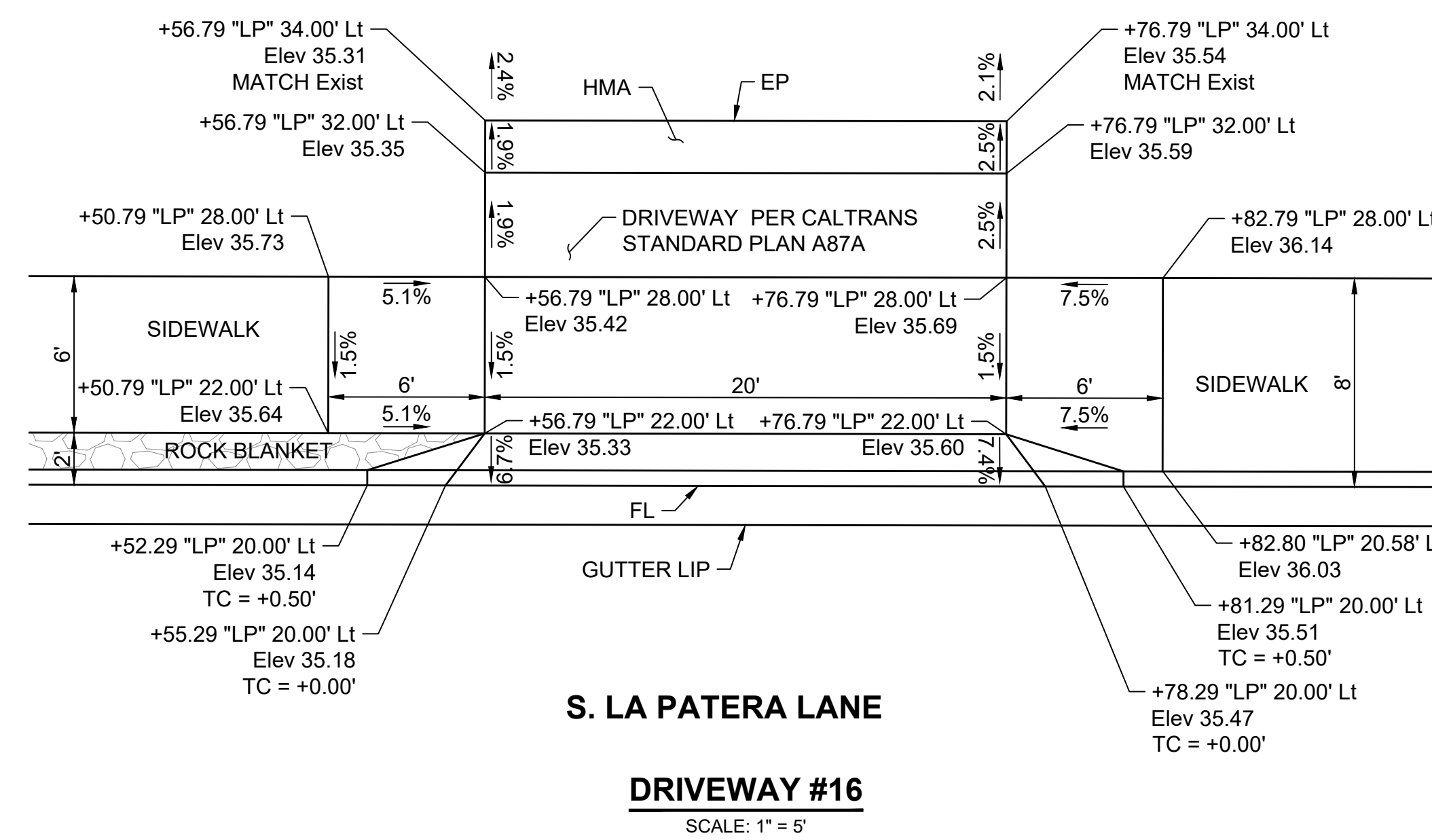
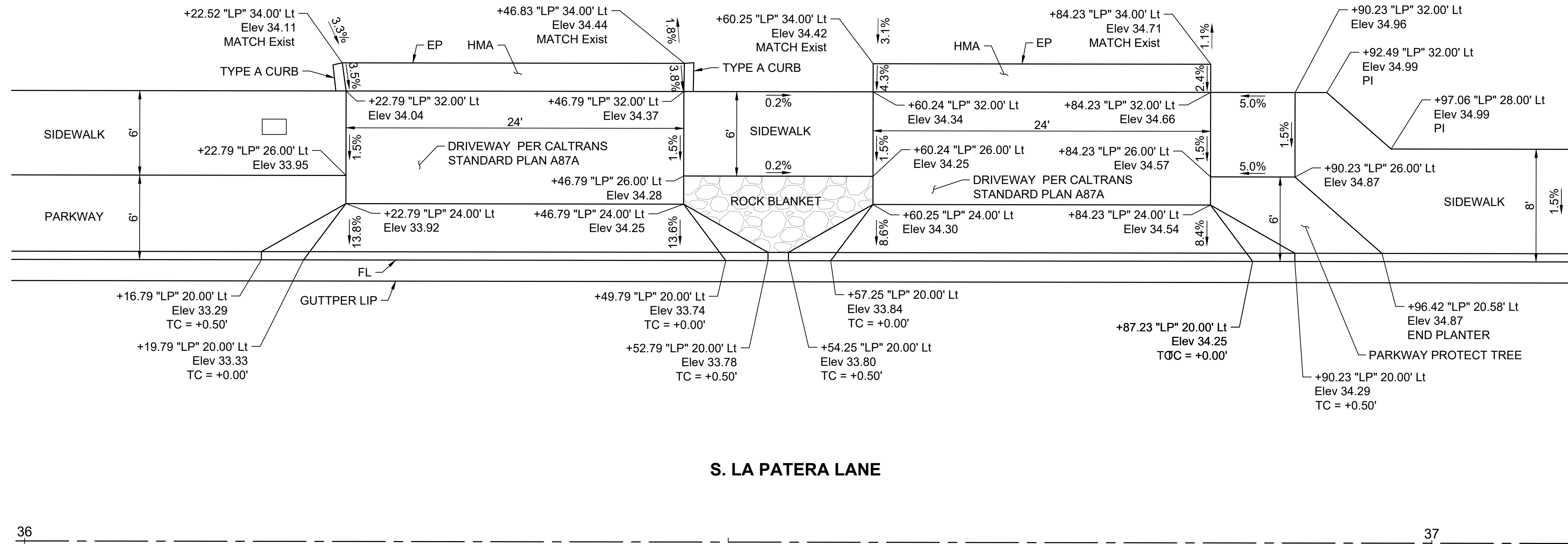
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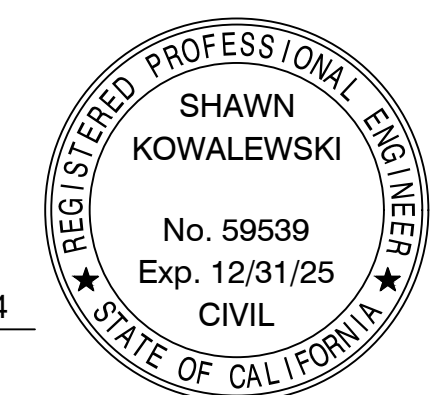
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NO. \_\_\_\_\_



*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER



02/06/24  
DATE

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
CONSTRUCTION DETAILS

INVITATION FOR BID - 3/4/2024

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
C-07  
DWG NO. \_\_\_\_\_  
SHEET 21 OF 40



PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

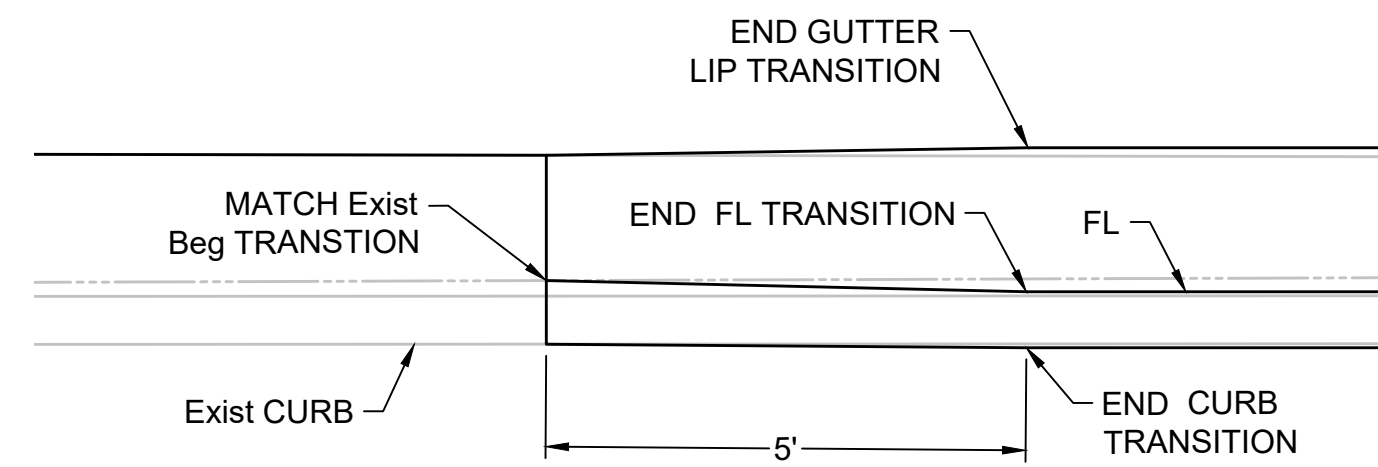
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CHECKED: \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_

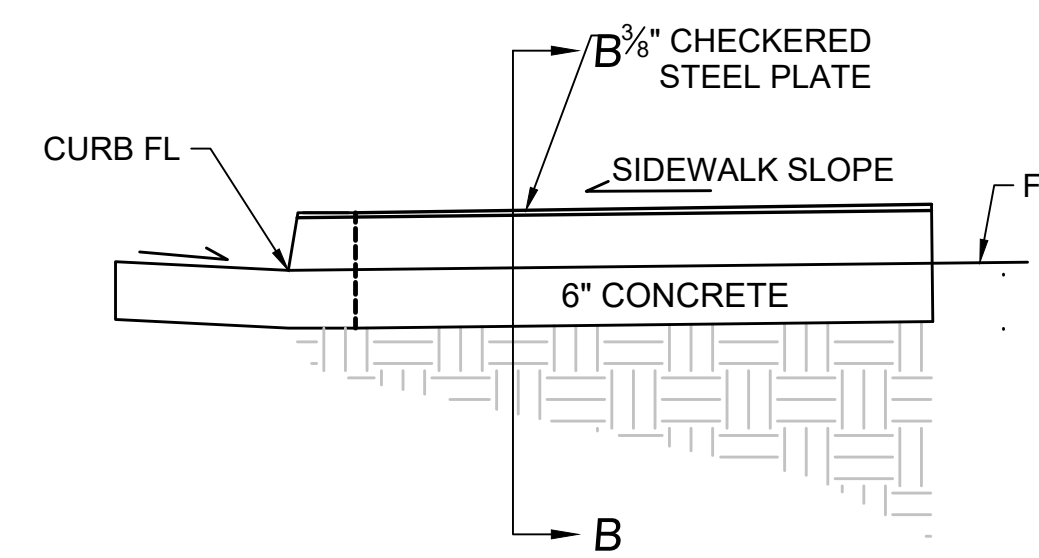
NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
CONSTRUCTION DETAILS

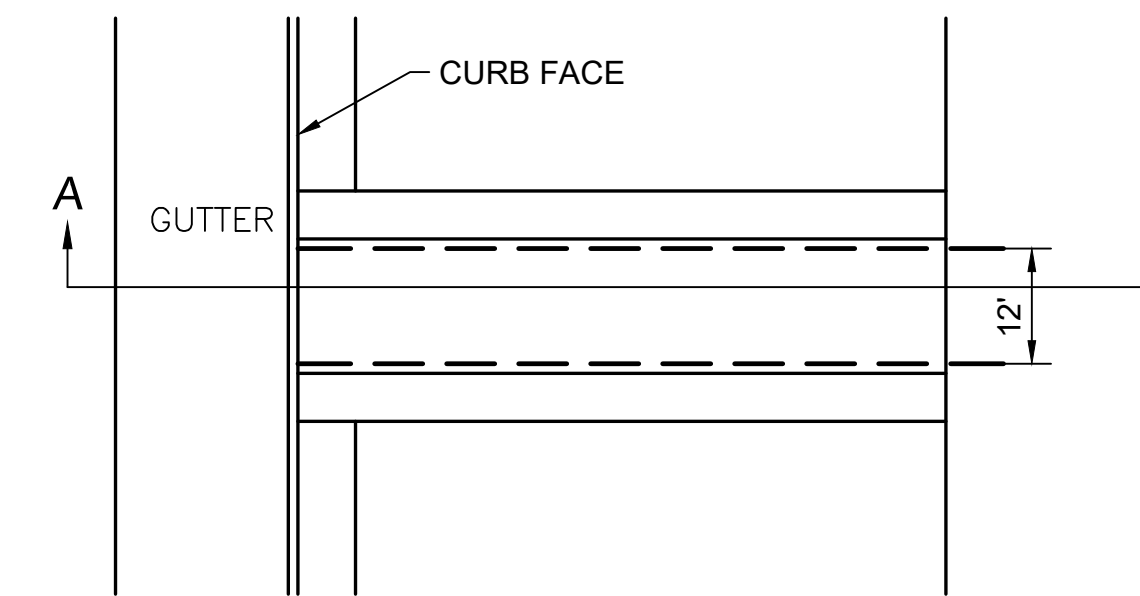
INVITATION FOR BID - 3/4/2024



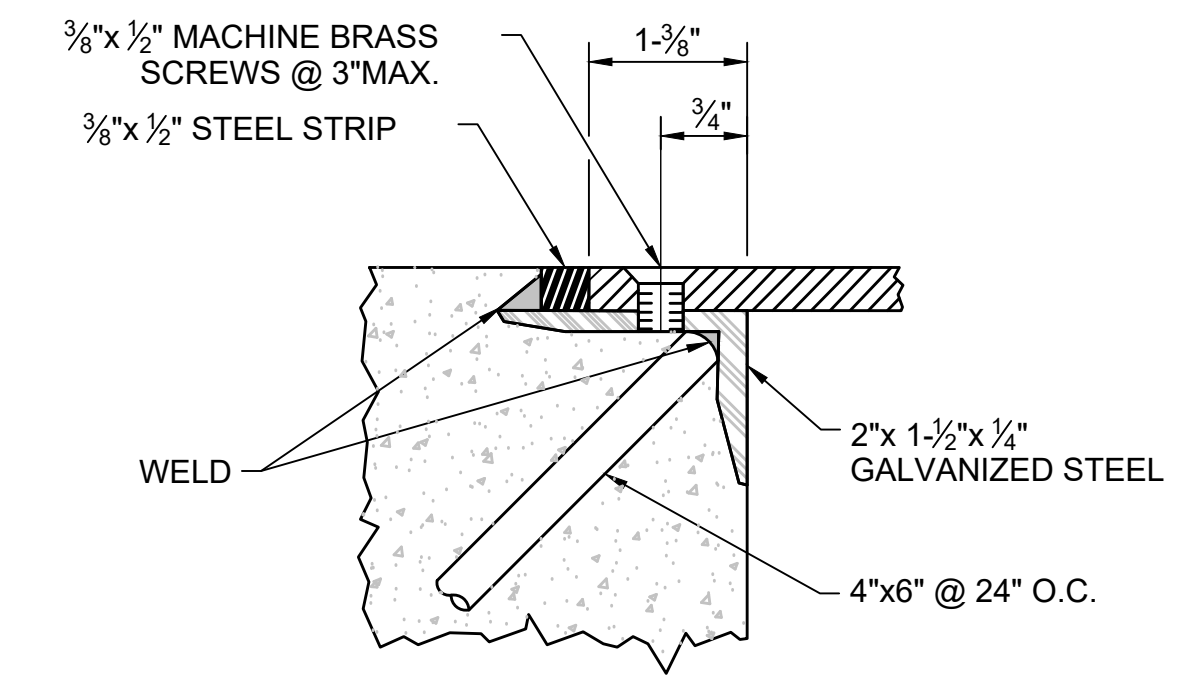
**A-18 CURB TRANSITION DETAIL  
EXIST TO NEW**  
SCALE: 1" = 2'



**SECTION A-A**  
NTS

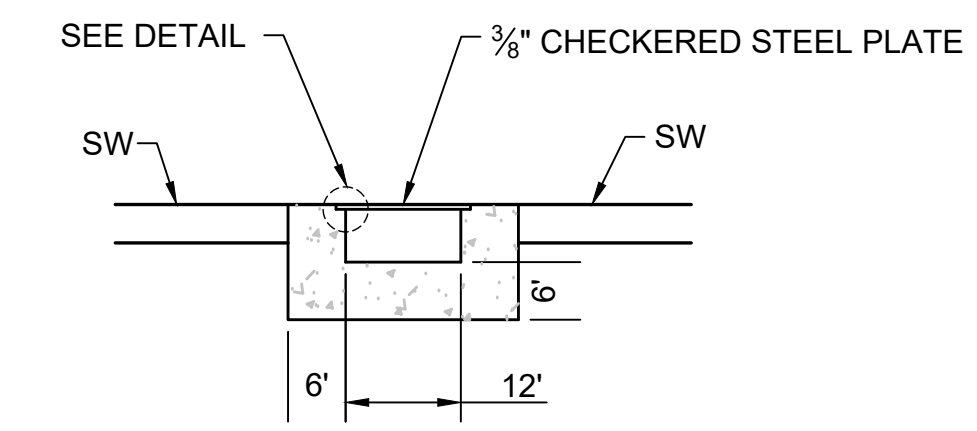


**PLAN**  
NTS



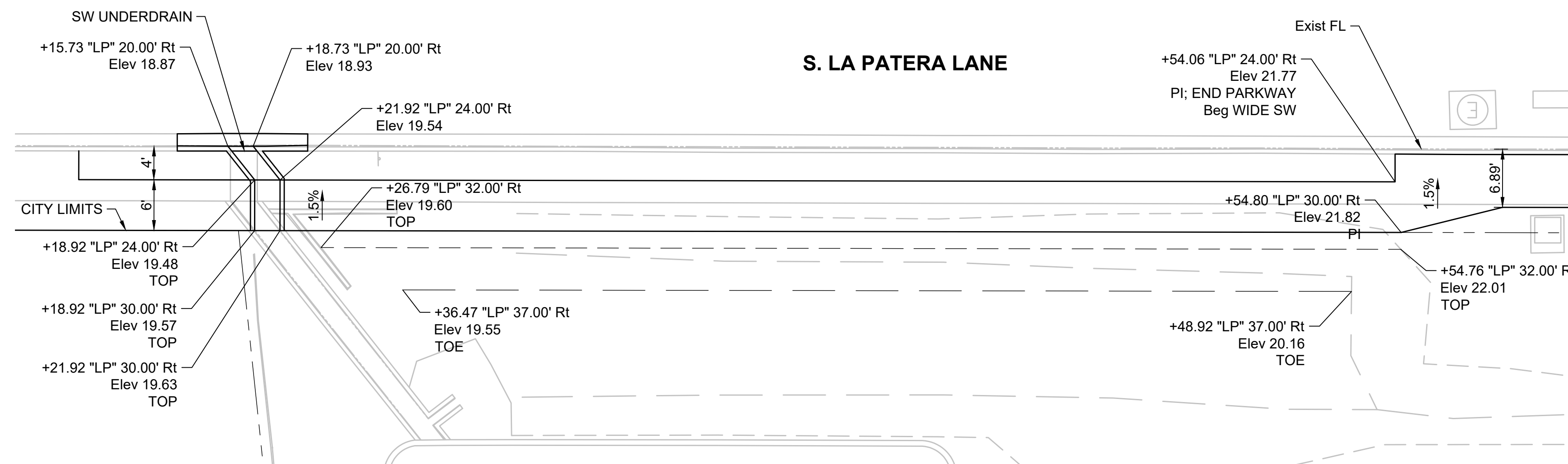
**DETAIL**  
NTS

- GENERAL NOTES:  
 1. 3/8" X 3/8" STEEL STRIP-TACK WELDED TO ANGLE AT 12"  
 2. ALL EXPOSED STEEL TO BE GALVANIZED AFTER FABRICATION

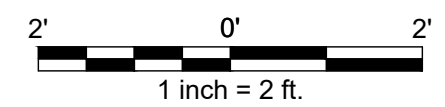


**SECTION B-B**  
NTS

**SIDEWALK UNDERDRAIN**  
NTS



**DRAINAGE AREA**  
SCALE: 1" = 10'



*Shawn Kowalewski*  
 SHAWN KOWALEWSKI  
 PROJECT ENGINEER

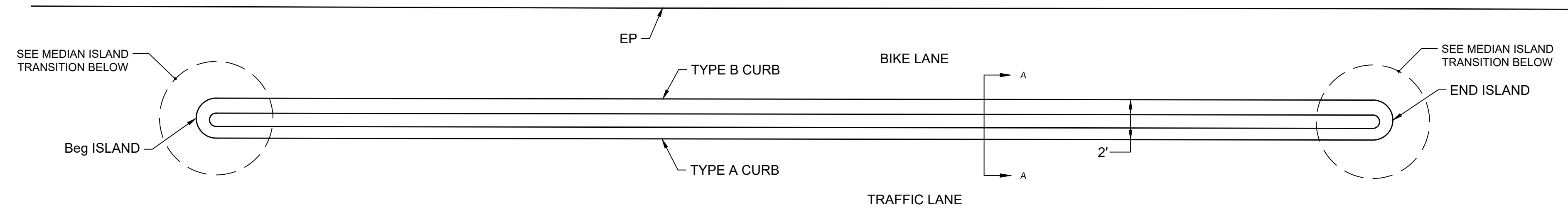
02/06/24  
DATE



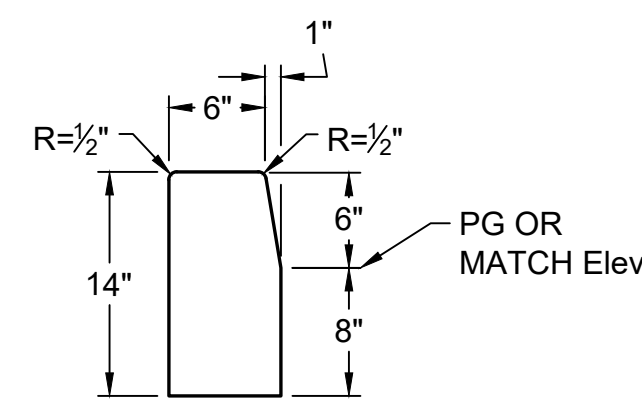
PBW NO. \_\_\_\_\_  
 BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**C-08**  
 DWG NO. \_\_\_\_\_  
 SHEET 22 OF 40

**NOTE**

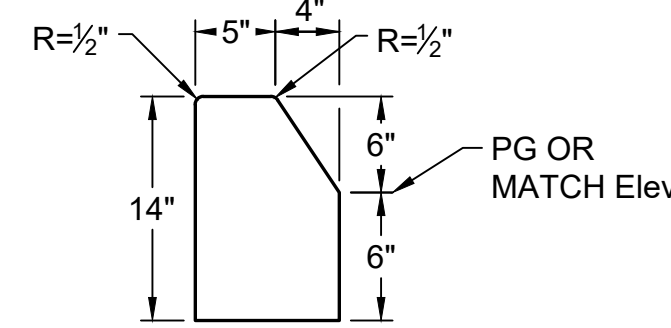
SEE GOLETA STANDARDS FOR OTHER DETAILS, INCLUDING  
DETAIL 4-030 CURB DETAILS.



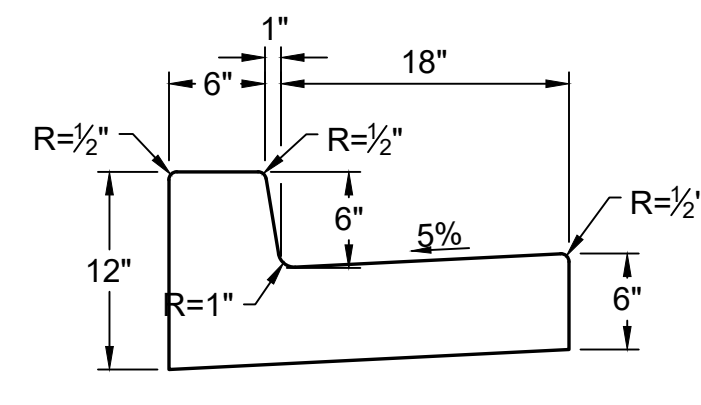
**MEDIAN ISLAND**  
SCALE: 1" = 4'



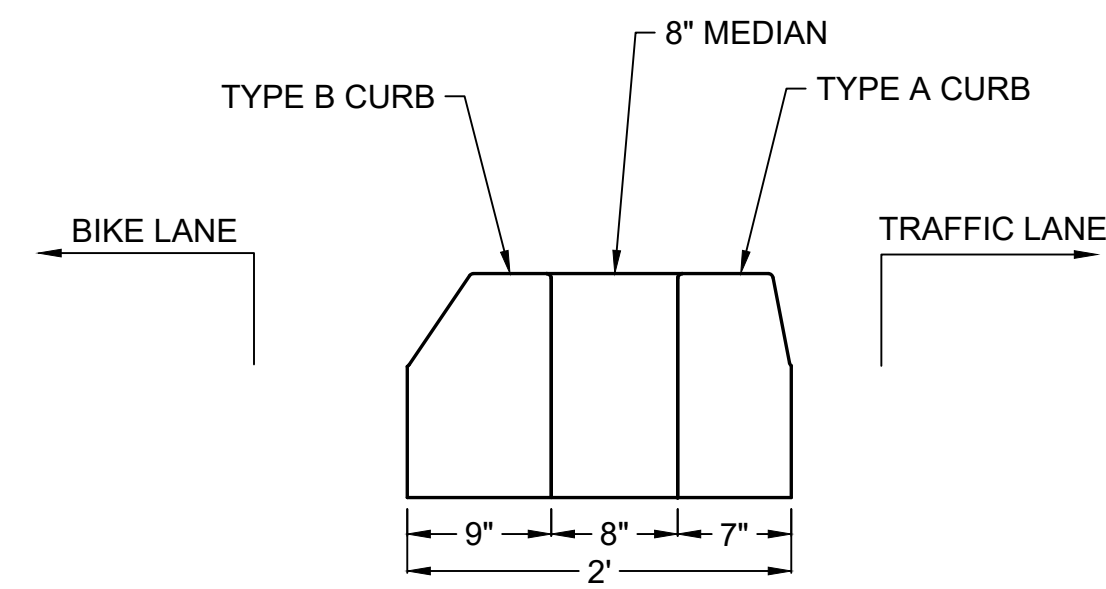
**TYPE A CURB**  
SCALE: 1" = 1'



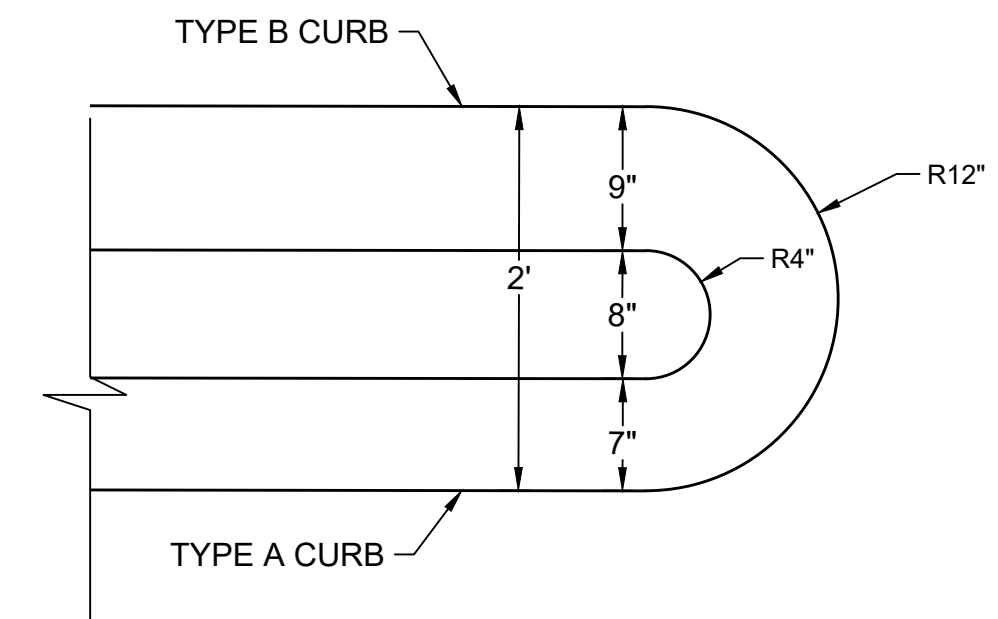
**TYPE B CURB**  
SCALE: 1" = 1'



**A-18 CURB**  
SCALE: 1" = 1'



**MEDIAN ISLAND SECTION**  
SCALE: 1" = 1'



**MEDIAN ISLAND TRANSITION**  
SCALE: 1" = 1'



PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
APPROVED: \_\_\_\_\_  
CITY ENGINEER  
DATE: \_\_\_\_\_  
ORIGINAL SIGNED DATE: \_\_\_\_\_

NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE  
IMPROVEMENT PROJECT  
CONSTRUCTION DETAILS

INVITATION FOR BID - 3/4/2024

PBW NO. \_\_\_\_\_  
BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
C-09  
DWG NO. \_\_\_\_\_  
SHEET 23 OF 40

*Shawn Kowalewski*  
SHAWN KOWALEWSKI  
PROJECT ENGINEER

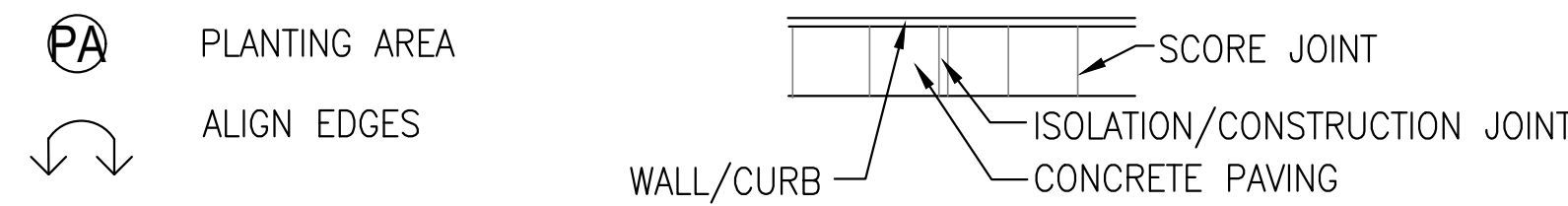
02/06/24  
DATE



## COORDINATION AND REFERENCE NOTES

SYMBOL	REFERENCE	DESCRIPTION
①	PROPERTY LINE	PER CIVIL ENGINEER'S DWGS
②	EXISTING SIDEWALK	EXISTING TO REMAIN PER CIVIL ENGINEER'S DWGS
③	EXISTING CURB	PROTECT IN PLACE
④	EXISTING TREE, TYP.	PROTECT IN PLACE. SEE L801 FOR TREE PROTECTION NOTES
⑤	CURB RAMP	PER CIVIL ENGINEER'S DWGS
⑥	LIGHT POLE	PER ELECTRICAL ENGINEER'S DWGS
⑦	UTILITY	PER CIVIL AND MECHANICAL ENGINEER'S DWGS
⑧	DRAINAGE	PER CIVIL ENGINEER'S DWGS
⑨	DRAIN GRATE	PER MECHANICAL ENGINEER'S DWGS (PROVIDE BRASS GRATE)
⑩	PROPOSED SIDEWALK	PER CIVIL ENGINEER'S DWGS
⑪	RETAINING WALL	PER CIVIL ENGINEER'S DWGS
⑫	EXISTING TREE (REMOVED)	PER CIVIL ENGINEER'S DWGS
⑬	BUFFERED BIKE LANE	PER CIVIL ENGINEER'S DWGS
⑭	ELECTRICAL METER PEDESTAL	PER ELECTRICAL ENGINEER'S DWGS

## SYMBOL LEGEND



## MANUFACTURERS AND SUPPLIERS

- PAVING**
- INTEGRAL COLOR CONCRETE – DAVIS COLORS: (800) 356-4848
  - TOP-CAST – GRACE CONSTRUCTION PRODUCTS: (888) 336-9303
  - SOUTHWEST BOULDER AND STONE: (714) 882-1010 OR APPROVED EQUIVALENT

## MATERIAL SCHEDULE REFERENCES

- P1** PAVING NOTE – REFER TO 'PAVING SCHEDULE'
- C1** CURB NOTE – REFER TO 'CURB SCHEDULE'

## MISCELLANEOUS MATERIALS SCHEDULE

SYMBOL	DETAIL	DESCRIPTION	COMMENTS	QUANTITY
<b>M1</b>	1/ L601	METAL HEADER – ALUMINUM EDGING W/ STAKES	---	
<b>M2</b>	2/ L601	BOULDER – SOUTHWEST NATURAL BOULDER. 20% AT 18"LX2'WX2'H, 30% AT 2'LX2'X2'H, 40% AT 30"LX30"WX30"H, 10% AT 30"LX42"WX30"H GRANITE BOULDER – ROUNDED FORM	BURY 1/3 OF AVERAGE THICKNESS BELOW GRADE.	

## PAVING SCHEDULE

SYMBOL	DETAIL	DESCRIPTION	PATTERN	COLOR	FINISH	JOINT	REINFORCEMENT	COMMENTS
<b>P1</b>	PER CIVIL 4/L601	CONCRETE PAVING	PER PLANS	NATURAL GRAY	MEDIUM BROOM	TOOLED W/ SHINER	PER CIVIL DWGS	SIDEWALK
<b>P1V</b>	PER CIVIL 4/L601	VEHICULAR CONCRETE PAVING	PER PLANS	NATURAL GRAY	MEDIUM BROOM	TOOLED W/ SHINER	PER CIVIL DWGS	DRIVEWAYS
<b>P2</b>	1/ L601	SOUTHWEST BOULDER 50% – BAJA CREST – 6-12"	PER PLANS	BAJA CREST	N/A	N/A	N/A	IN PLANTERS
<b>P3</b>	1/ L601	SOUTHWEST BOULDER 50% – APACHE SUNSET – 1-3"	PER PLANS	APACHE SUNSET	N/A	N/A	N/A	IN PLANTERS
<b>P4</b>	1/3 L601	GAIL MATERIALS NATRACIL STABILIZED DECOMPOSED GRANITE	PER PLANS	GOLD	STABILIZED	N/A	N/A	PLANTER EDGES
<b>P5</b>	PER CIVIL	TACTILE PAVER	PER PLANS	YELLOW	TRUNCATED DOMES	N/A	N/A	AT ADA RAMPS

## NOTES

### PAVING NOTES:

- COORDINATE INSTALLATION OF SLEEVES, VAULT COVERS, ETC. W/ OTHER TRADES PRIOR TO POURING PAVING
- VERIFY LAYOUT OF PAVING LIMITS WITH OWNER PRIOR TO BEGINNING WORK
- CONTRACTOR SHALL MOCK-UP 4'x4' SAMPLES OF ALL PAVING ON SITE AT LOCATION DETERMINED BY OWNER TO SHOW FINISH, COLOR, JOINTING, & INTERSECTION OF PATTERNS AS REQUESTED BY OWNER. ALL SAMPLES SHALL BE APPROVED BY OWNER
- MATCH PAVING WORK W/ CONTRACTOR'S OWNER APPROVED PAVING MOCK-UPS. WORK NOT MATCHING MAY BE REJECTED BY OWNER
- JOINTING & FINISHING TO MEET ADA REQ. FOR SLIP RESISTANCE & JOINT WIDTH (3/16" MAX.) – 0.6 SLIP RESISTANCE COEFFICIENT
- ALL WALKS, HEADERS, & WALLS SHALL HAVE SMOOTH, TANGENT, CONTINUOUS CURVES, UNLESS NOTED OTHERWISE
- PAVING PATTERN TO BE CONTINUOUS BELOW ALL POTTERY AND FURNITURE (TYPICAL)
- ALL PAVERS ARE TO SEALED WITH BP PRO/ VANN INC.

### UTILITY NOTES:

- BEFORE INSTALLING ALL UNDERGROUND FEATURES (i.e. FOOTINGS AND SERVICE LINES) VERIFY ALL LOCATIONS OF EXISTING UTILITIES AND COORDINATE WITH CIVIL, STRUCTURAL, ELECTRICAL, ARCH., AND MECH. DWGS OF THIS PACKAGE AND THE TRAIN DEPOT PACKAGE
- CIVIL STRUCTURES (i.e. CATCH BASINS, MANHOLES, LIFT STATIONS) ARE SHOWN FOR COORDINATION ONLY
- REFER TO CIVIL/MECH DWGS FOR GRADING/DRAINAGE STRUCTURES BEFORE INSTALLATION OF PAVING, FOOTINGS, ETC.

## SOIL TESTING

- SEE SPECIFICATIONS.
- CONDUCT ON-SITE SOIL TESTS AT LOCATIONS SHOWN ON DRAWINGS WITH THIS SYMBOL: 

CONDUCT 2 TESTS PER LOCATION:

  - SAMPLE TAKEN FROM FINISH GRADE SURFACE
  - SAMPLE TAKEN FROM AN 18" SOIL DEPTH
- FOR IMPORTED SOIL, CONDUCT 2 (TWO) TESTS PER SOURCE.



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

INVTATION TO BID

NO. \_\_\_\_\_

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
Hardscape Schedule

CIP-9079  
PBW NO.

BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_  
**L300**  
DWG NO.

SHEET 24 OF 40



PROJECT ENGINEER:  
R.C.E. EXP.

3/4/2024  
DATE

INVITATION FOR BID - 3/4/2024





444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE: \_\_\_\_\_  
DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
DESIGN: \_\_\_\_\_  
DATE: 3/04/24

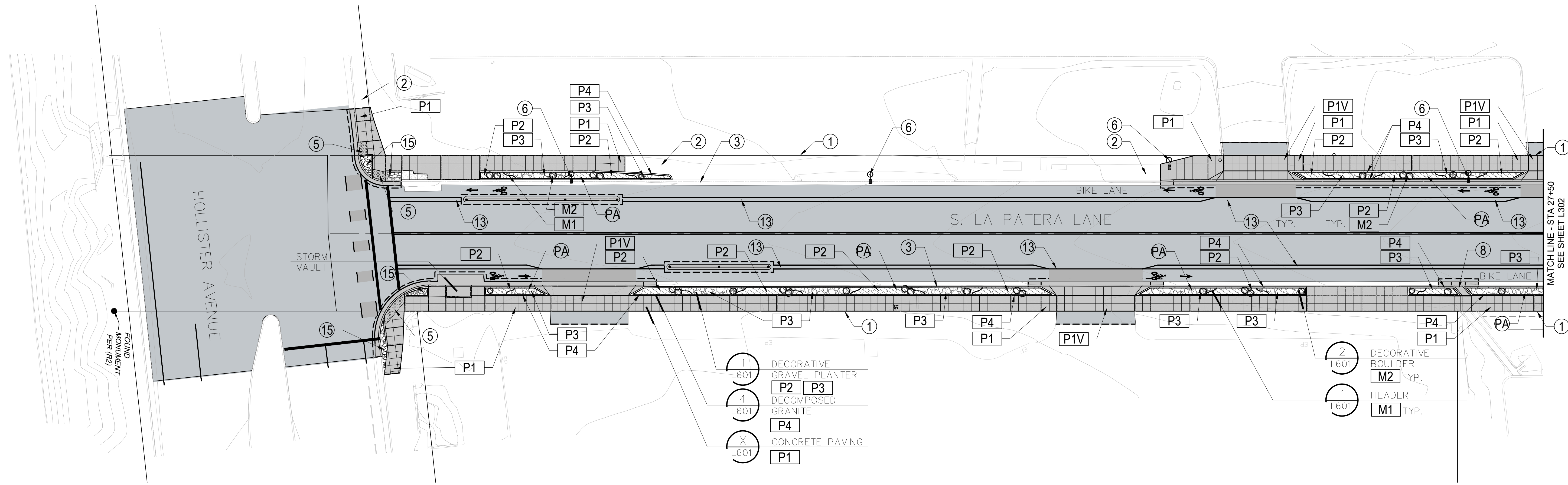
INVT. TO BID: \_\_\_\_\_  
NO. \_\_\_\_\_

REVISIONS

DATE APPROVED: 3/04/24  
INVT. TO BID: \_\_\_\_\_  
NO. \_\_\_\_\_

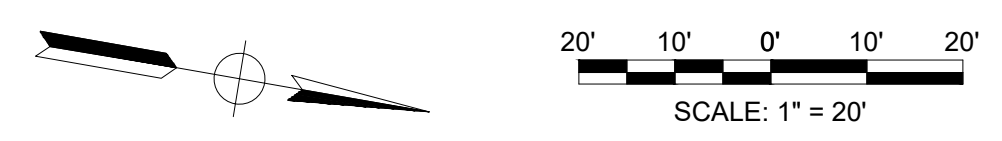
CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
HARDSCAPE PLAN - LA PATERA LANE

INVITATION FOR BID - 3/4/2024



### HARDSCAPE FINISH PLAN

SCALE: 1" = 20'-0"



### SYMBOL LEGEND

- PA PLANTING AREA
- ALIGN EDGES
- RIGHT OF WAY
- SCORE JOINT
- ISOLATION / CONST. JOINT
- CONCRETE PAVING
- CONCRETE CURB

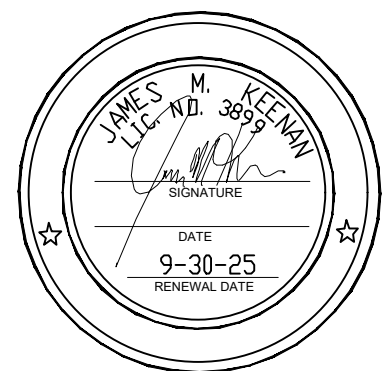
### MATERIAL SCHEDULE REFERENCE CALLOUTS

- P#** PAVING - REFER TO 'PAVING SCHEDULE'
- L#** LIGHT - REFER TO 'LIGHTING SCHEDULE'
- M#** MISCELLANEOUS MATERIAL - REFER TO 'MISCELLANEOUS MATERIALS SCHEDULE'
- SF#** SITE FURNITURE - REFER TO 'SITE FURNITURE SCHEDULE'

### NOTES

- REFER TO L300 FOR GENERAL NOTES AND CONSTRUCTION SCHEDULE
- PROVIDE 18" SLIP DOWELS AT INTERFACE BETWEEN EXISTING PAVING AND PROPOSED PAVING.
- REFER TO CIVIL DRAWINGS FOR DEMOLITION AND GRADING

PROJECT ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
R.C.E. EXP.



CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
**L301**  
DWG NO.  
SHEET 25 OF 40



444 S. FLOWER ST. #1658  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
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DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
DESIGN: \_\_\_\_\_

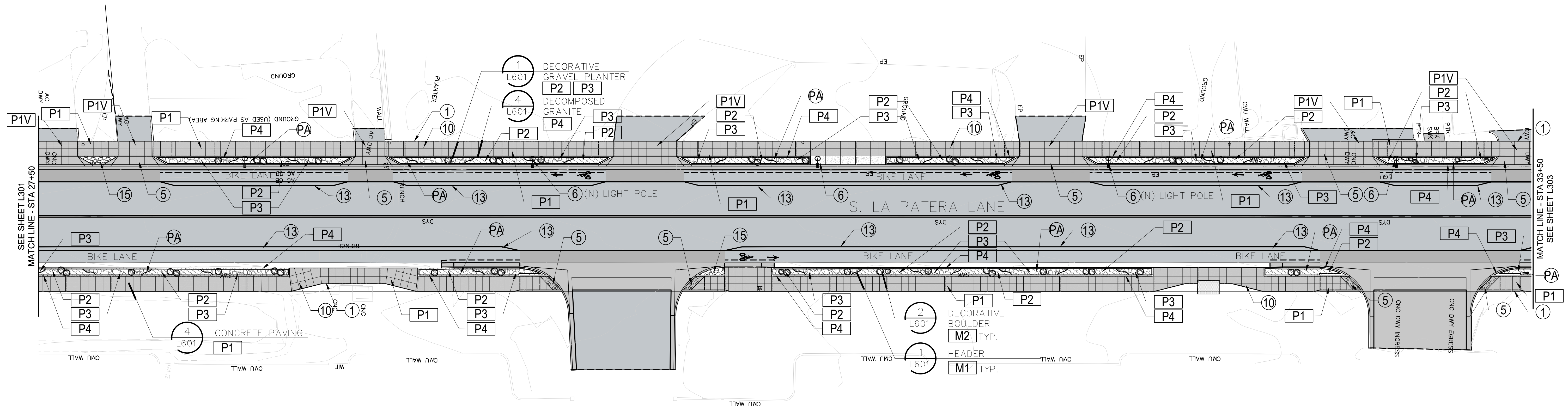
NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED
	3/04/24				

NO.	INVESTIGATION TO BID	REVISIONS

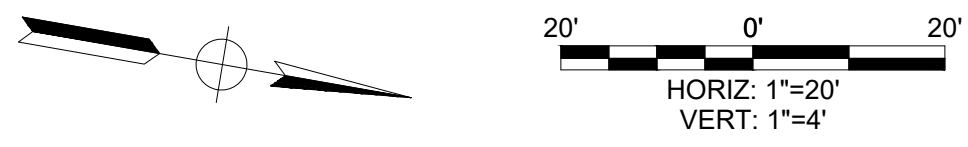
CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
HARDSCAPE PLAN - LA PATERA LANE

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
L302  
DWG NO.  
SHEET 26 OF 40

INVITATION FOR BID - 3/4/2024



**HARDSCAPE FINISH PLAN**  
SCALE: 1" = 20'-0"



**SYMBOL LEGEND**

- PA PLANTING AREA
- ALIGN EDGES
- RIGHT OF WAY
- SCORE JOINT
- ISOLATION / CONST. JOINT
- CONCRETE PAVING
- CONCRETE CURB

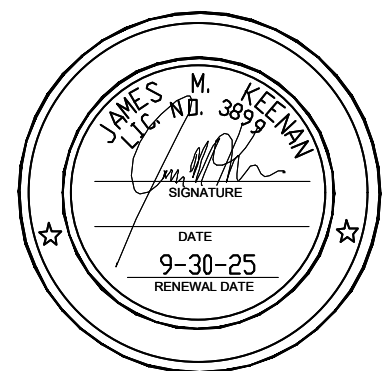
**MATERIAL SCHEDULE REFERENCE CALLOUTS**

- P#** PAVING - REFER TO 'PAVING SCHEDULE'
- L#** LIGHT - REFER TO 'LIGHTING SCHEDULE'
- M#** MISCELLANEOUS MATERIAL - REFER TO 'MISCELLANEOUS MATERIALS SCHEDULE'
- SF#** SITE FURNITURE - REFER TO 'SITE FURNITURE SCHEDULE'

**NOTES**

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- REFER TO CIVIL DRAWINGS FOR DEMOLITION AND GRADING

PROJECT ENGINEER: \_\_\_\_\_ DATE \_\_\_\_\_  
R.C.E. EXP.





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LOS ANGELES, CA 90071

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DEPARTMENT  
ENGINEERING DIVISION

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CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_  
SK WA  
DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

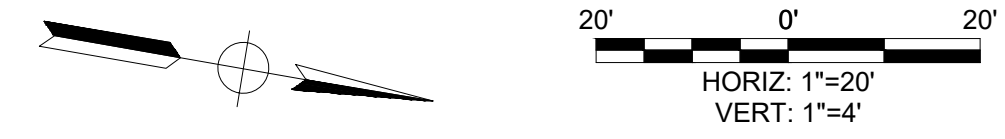
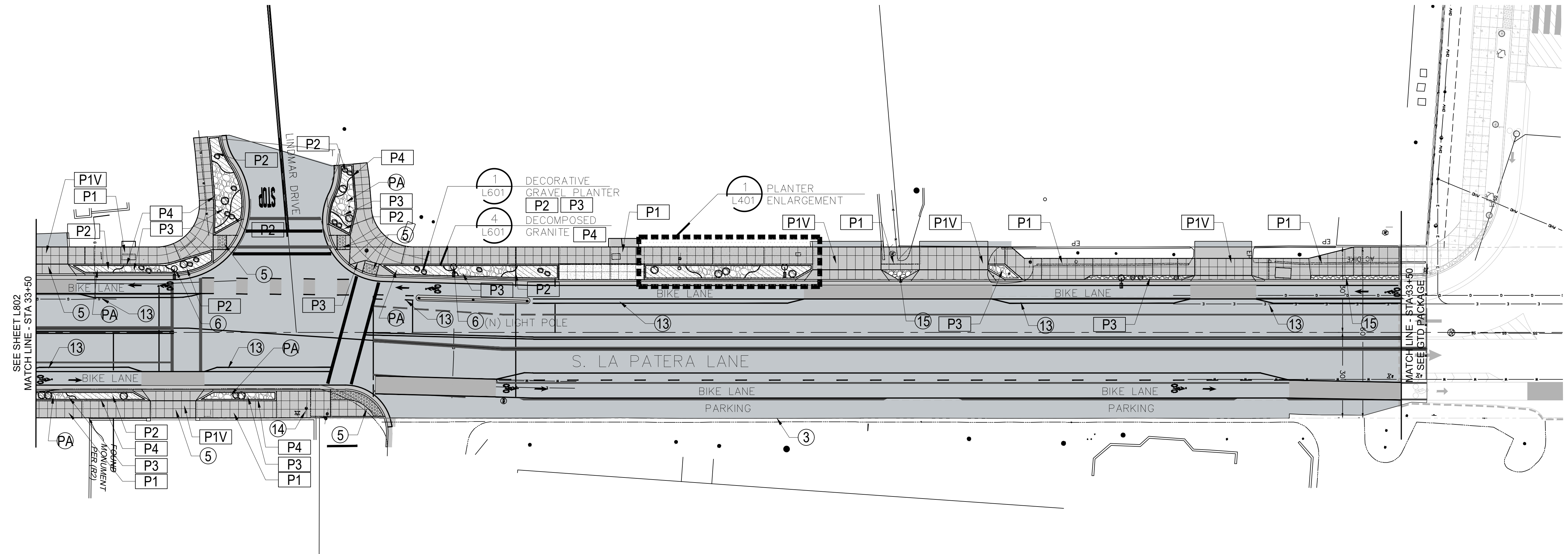
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INVESTIGATION TO BID

NO. \_\_\_\_\_  
REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
HARDSCAPE PLAN - LA PATERA LANE

INVITATION FOR BID - 3/4/2024

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
L303  
DWG NO.  
SHEET 27 OF 40



### HARDSCAPE FINISH PLAN

SCALE 1" = 20'-0"

### SYMBOL LEGEND

- PA PLANTING AREA
- ALIGN EDGES
- RIGHT OF WAY
- SCORE JOINT
- ISOLATION / CONST. JOINT
- CONCRETE PAVING
- CONCRETE CURB

### MATERIAL SCHEDULE REFERENCE CALLOUTS

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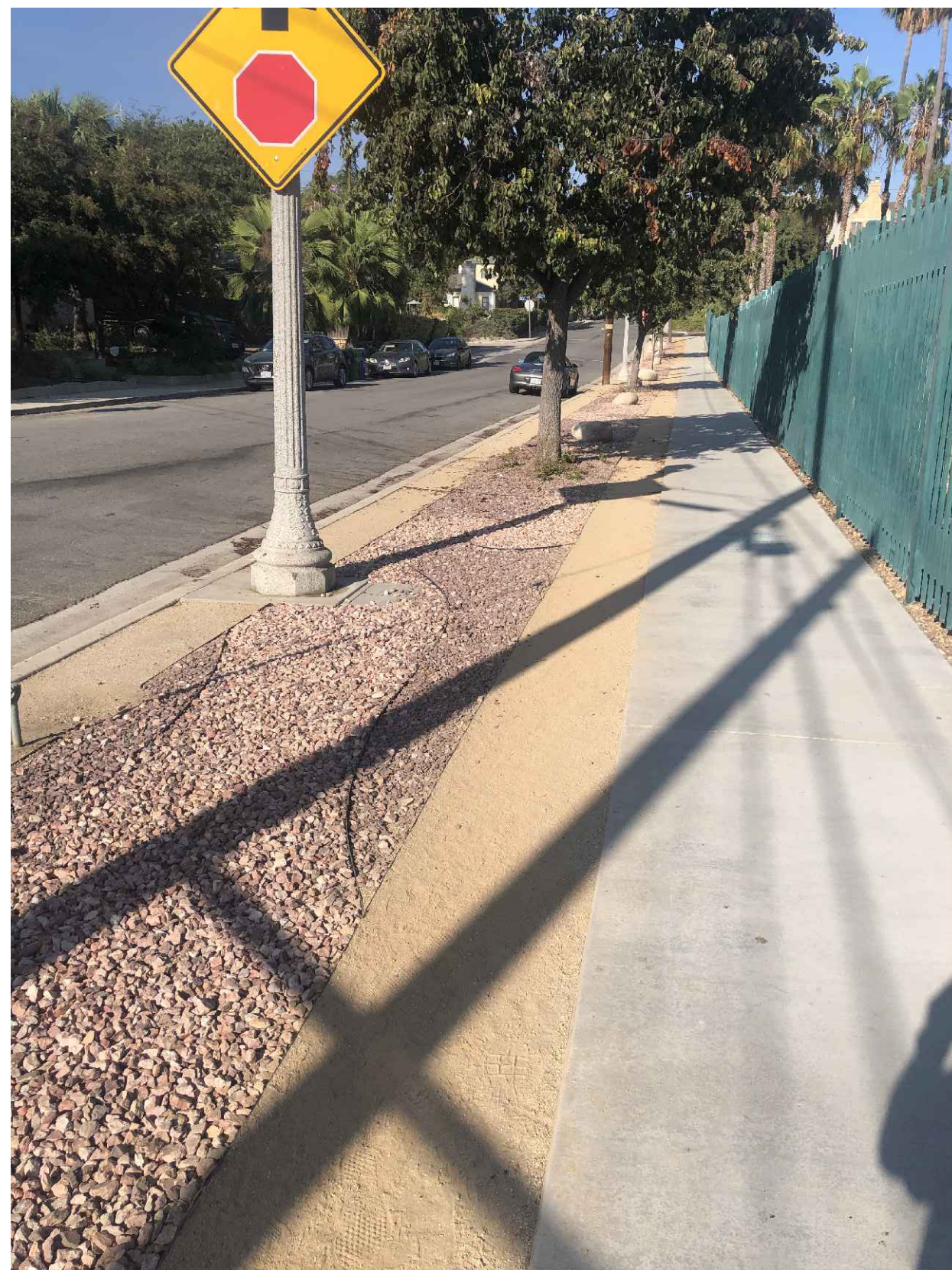
### NOTES

- A. REFER TO L300 FOR GENERAL NOTES AND CONSTRUCTION SCHEDULE
- B. PROVIDE 18" SLIP DOWELS AT INTERFACE BETWEEN EXISTING PAVING AND PROPOSED PAVING.
- C. REFER TO CIVIL DRAWINGS FOR DEMOLITION AND GRADING

PROJECT ENGINEER:  
R.C.E. EXP.

DATE  
03-04-24





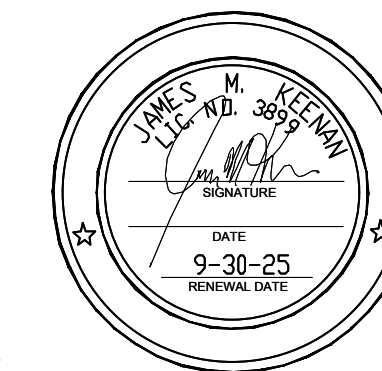
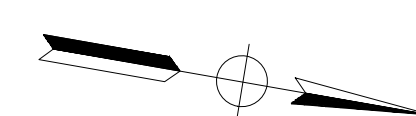
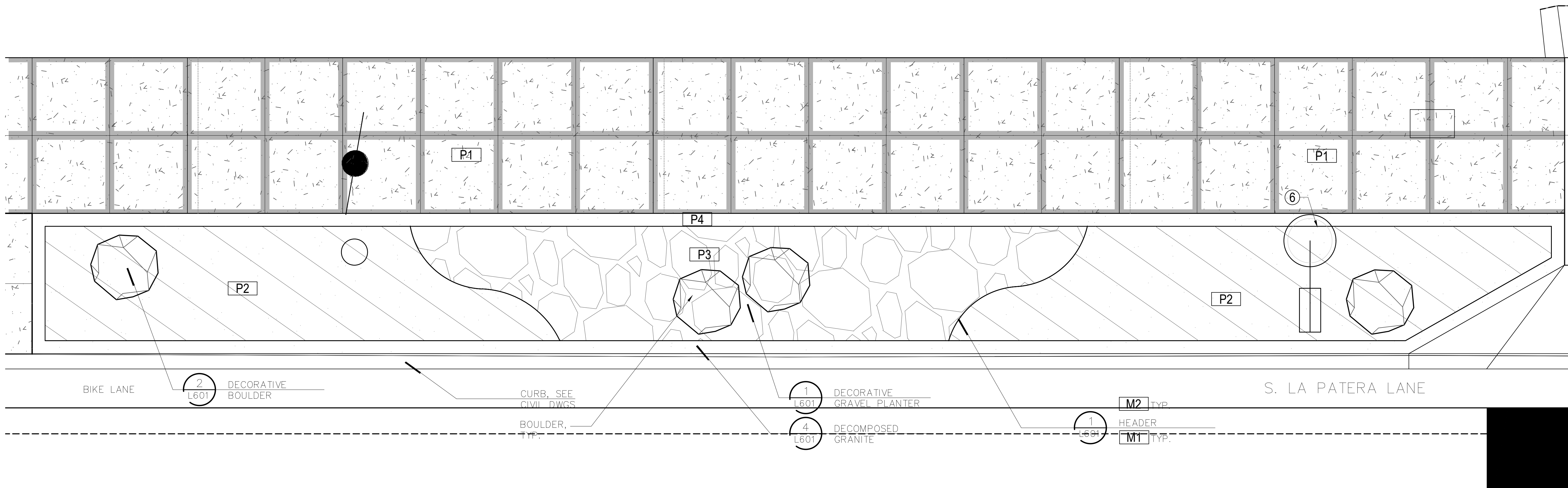
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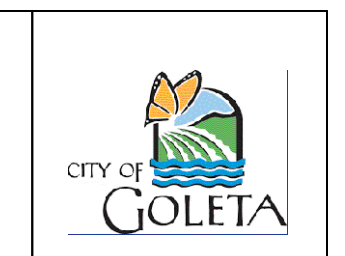
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ANIL VERMA ASSOCIATES  
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 LOS ANGELES, CA 90071

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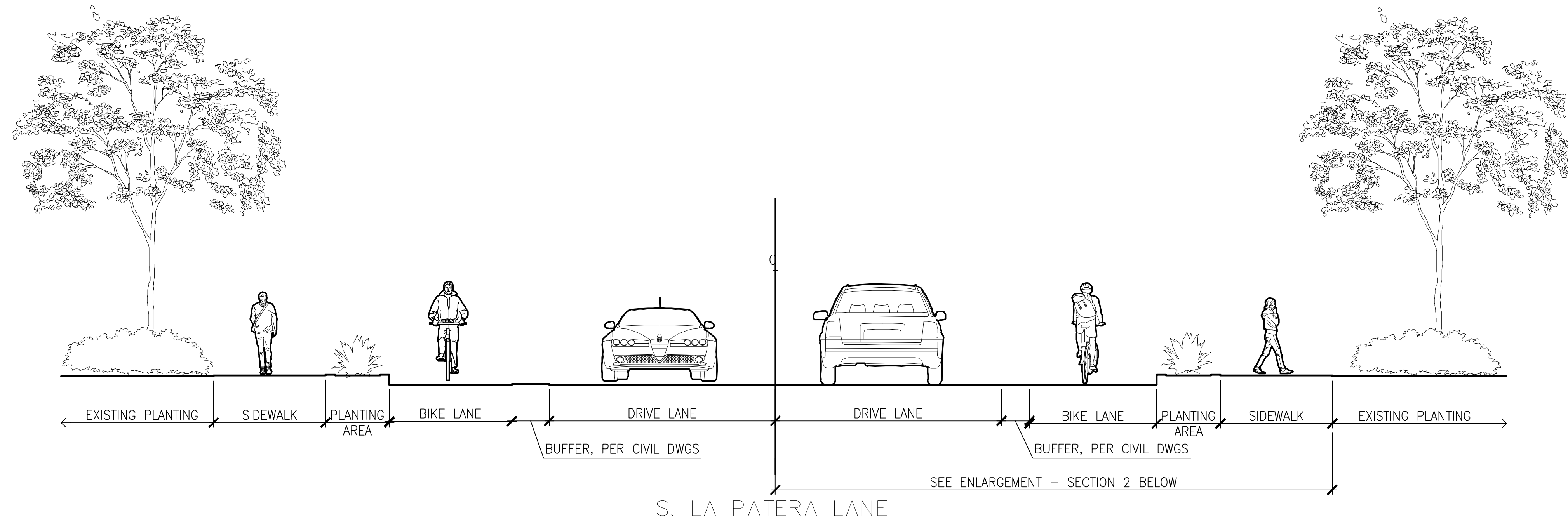
APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SK VA CITY ENGINEER ORIGINAL SIGNED DATE

NO.	INVESTIGATION TO BID	DATE	APPROVED	DESIGN	DRAWN	CHECKED
		3/04/24				

CITY OF GOLETA  
 SOUTH LA PATERA LANE IMPROVEMENT  
 PROJECT (FOR GOLETA TRAIN DEPOT)  
 HARDSCAPE ENLARGEMENT - LA PATERA LANE

CIP-9079  
 PBW NO.  
 BID NO. SHT. DES.  
 L401  
 DWG NO.  
 SHEET 28 OF 40

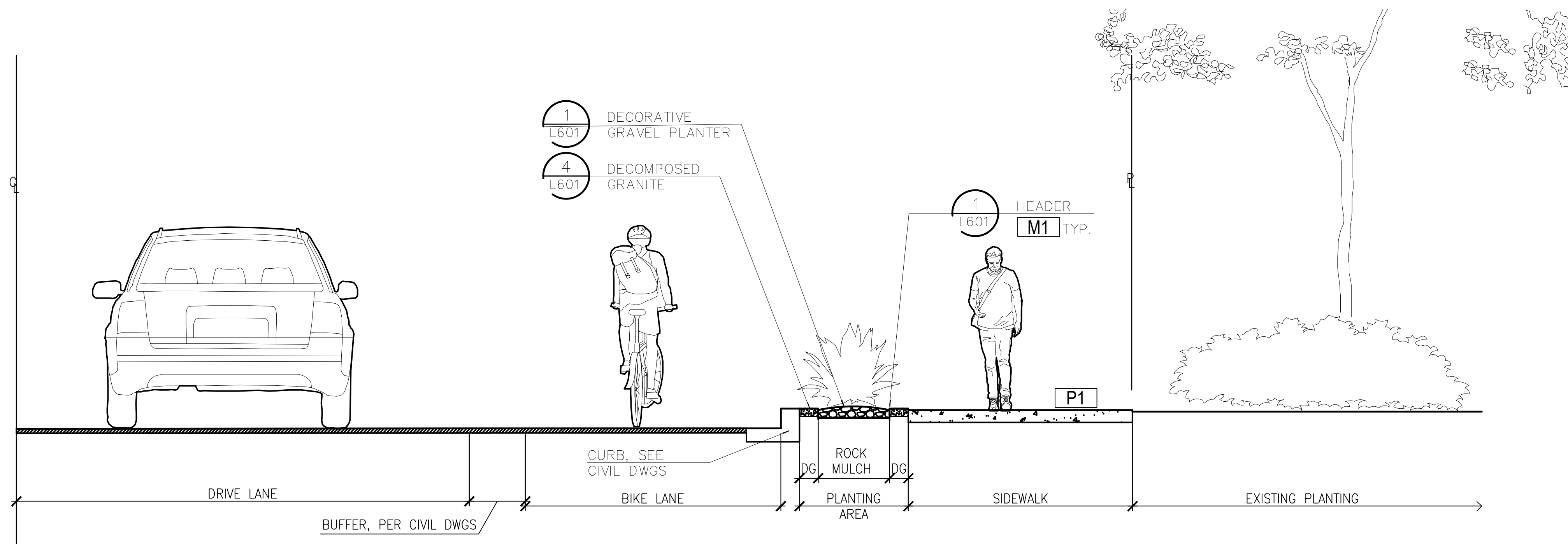
INVITATION FOR BID - 3/4/2024



**TYPICAL BOULEVARD**

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

1



**TYPICAL BOULEVARD ENLARGEMENT**

SCALE: 1/2" = 1'-0"

2



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CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

NO.	INVESTIGATION TO BID	REVISIONS

NO. \_\_\_\_\_

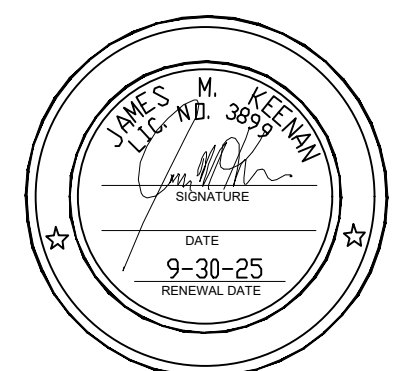
CITY OF GOLETA  
**SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)**  
Sections

CIP-9079  
PBW NO.

BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_

**L501**  
DWG NO.

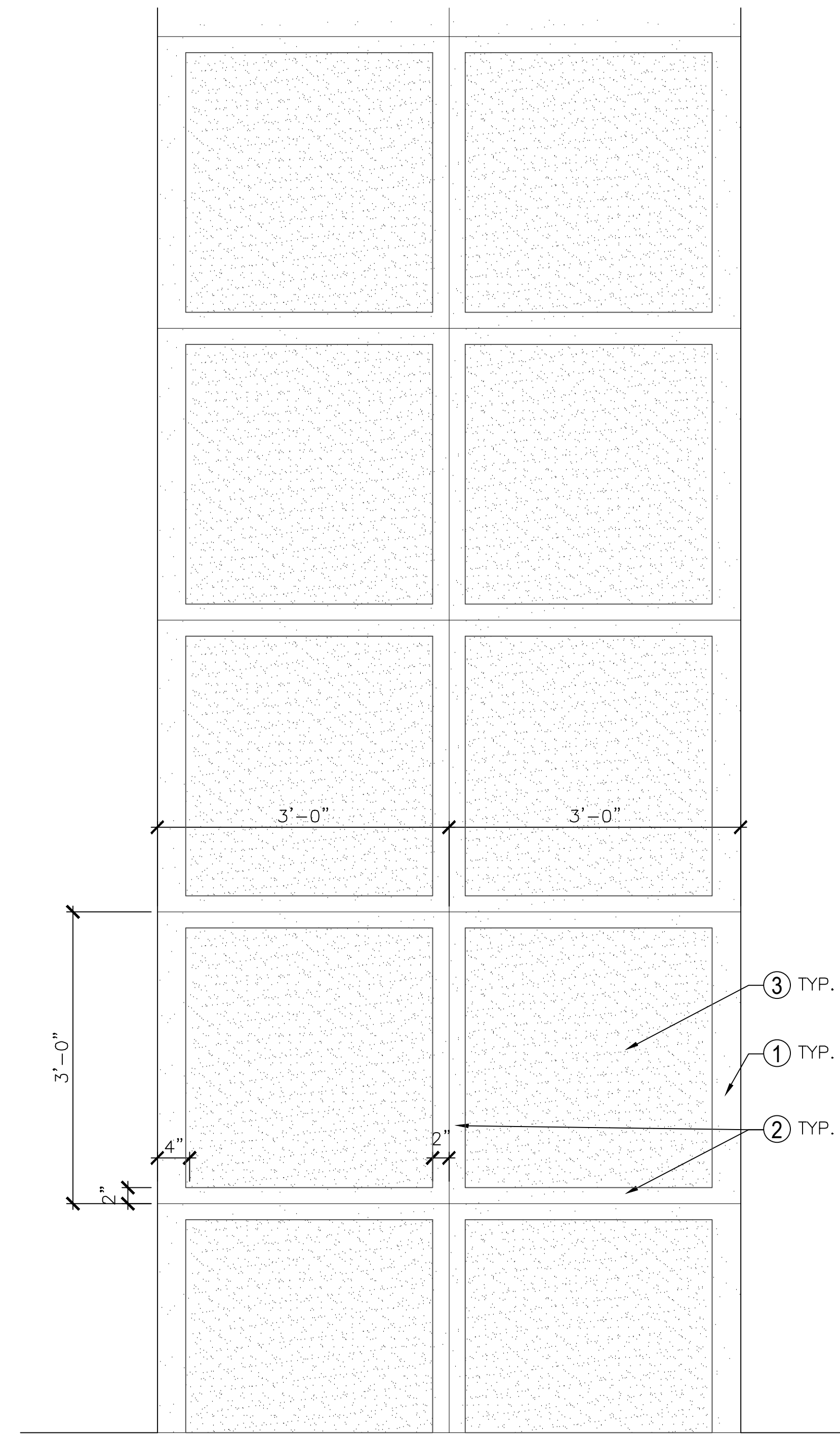
SHEET 29 OF 40



PROJECT ENGINEER: \_\_\_\_\_  
R.C.E. EXP. \_\_\_\_\_

03-04-24  
DATE

INVITATION FOR BID - 3/4/2024



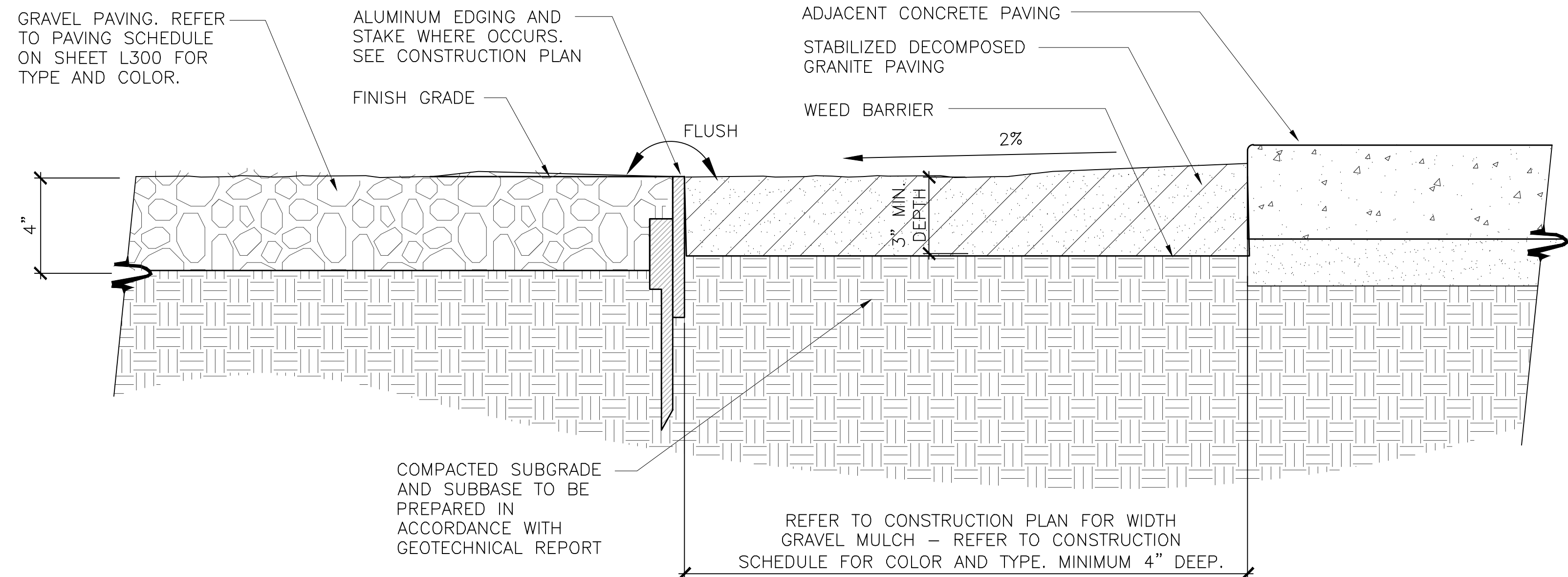
**LEGEND**

- 1. 4" SHINER
- 2. 2" SHINER
- 3. NATURAL GRAY CONCRETE, BROOM FINISH

**PAVING PATTERN, TYP. (ADD ALT)**

SCALE: 1" = 1'-0"

4



**NOTES:**

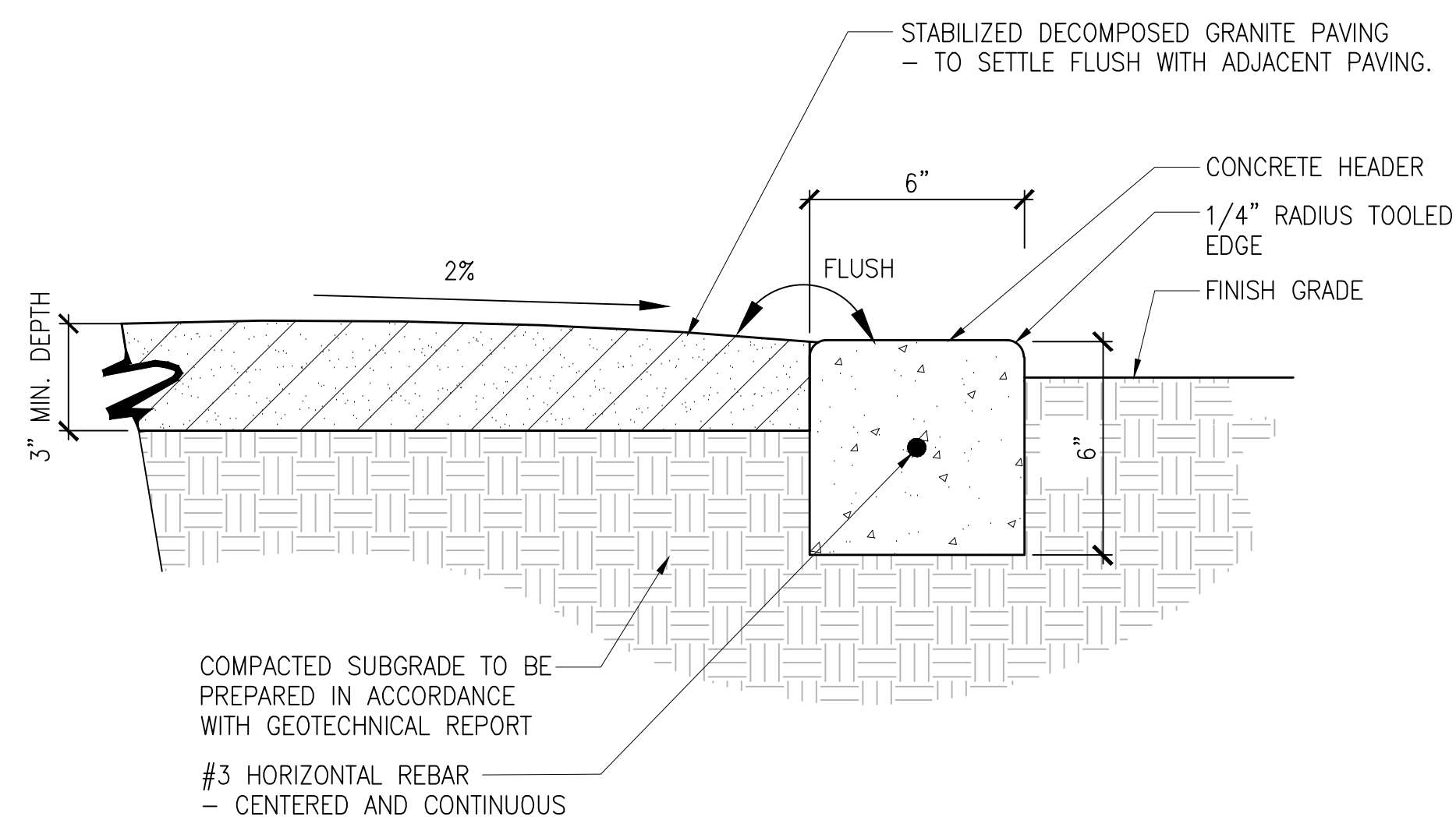
- 1. REFER TO CONSTRUCTION SCHEDULE FOR COLOR, FINISH, ETC.
- 2. INSTALL HEADER PER MANUFACTURER'S INSTRUCTIONS

**DECORATIVE GRAVEL PLANTER**

Scale: 3" = 1'-0"

DECORATIVE GRAVEL

1



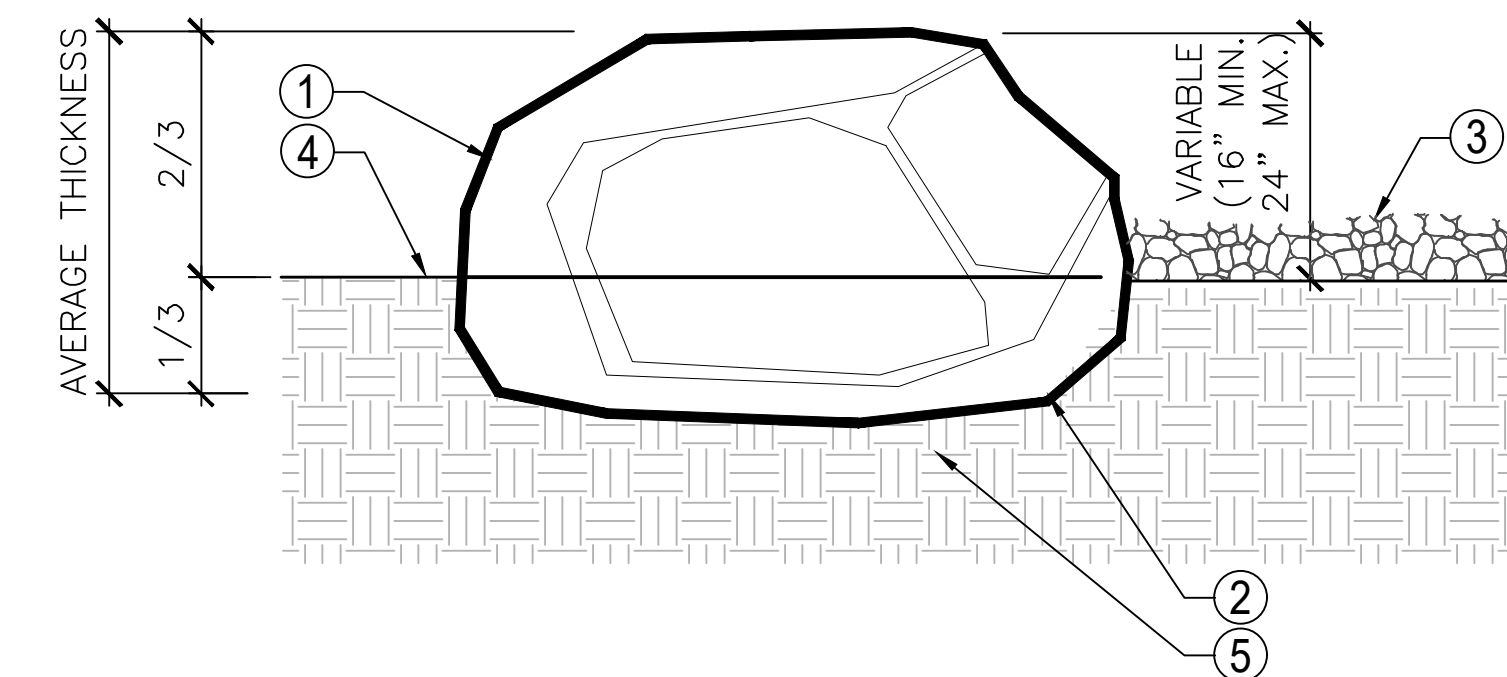
**NOTES:**

- 1. REFER TO CONSTRUCTION SCHEDULE FOR COLOR, FINISH, ETC.

**DECOMPOSED GRANITE**

SCALE: 3" = 1'-0"

3



**LEGEND**

- 1. NATURAL BOULDER. BURY 1/3 OF AVERAGE THICKNESS BELOW GRADE. FINAL PLACEMENT TO BE DIRECTED IN THE FIELD BY LANDSCAPE ARCHITECT
- 2. PLACE SCARRED AND/OR DAMAGE FACE DOWN
- 3. ADJACENT DECORATIVE GRAVEL, WHERE OCCURS
- 4. ADJACENT FINISH GRADE OF PLANTING AREA
- 5. SUBGRADE COMPACTED AT 90%

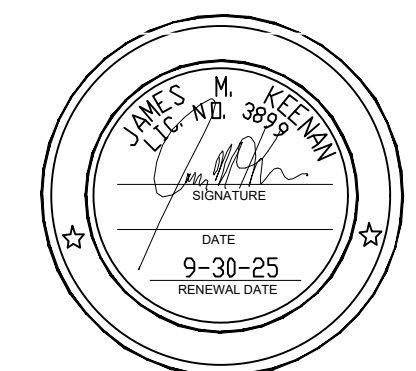
**NOTE:**

- A. COLOR, FINISH, ETC. - REFER TO L300, CONSTRUCTION SCHEDULE.
- B. ANY BOULDERS DAMAGED, SCARRED, OR MISHANDLED DURING TRANSPORTATION OR UNLOADING ARE SUBJECT TO REJECTION AND REPLACEMENT.

**DECORATIVE BOULDER**

SCALE: 1" = 1'-0"

2



PROJECT ENGINEER: \_\_\_\_\_  
R.C.E. EXP. DATE

03-04-24



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

JK SK WA

DESIGN DRAWN CHECKED

DATE APPROVED 3/04/24

INVIATION TO BID

NO.

REVISIONS

CITY OF GOLETA  
**SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)**  
Construction Details

**INVITATION FOR BID - 3/4/2024**

CIP-9079

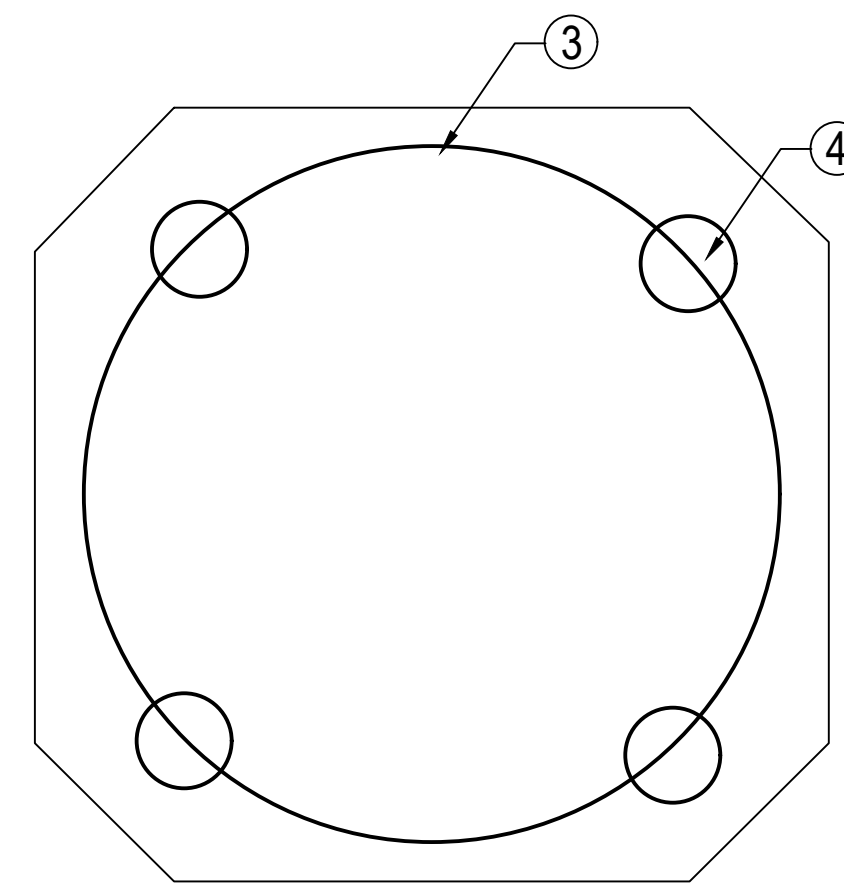
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BID NO. SHT. DES.

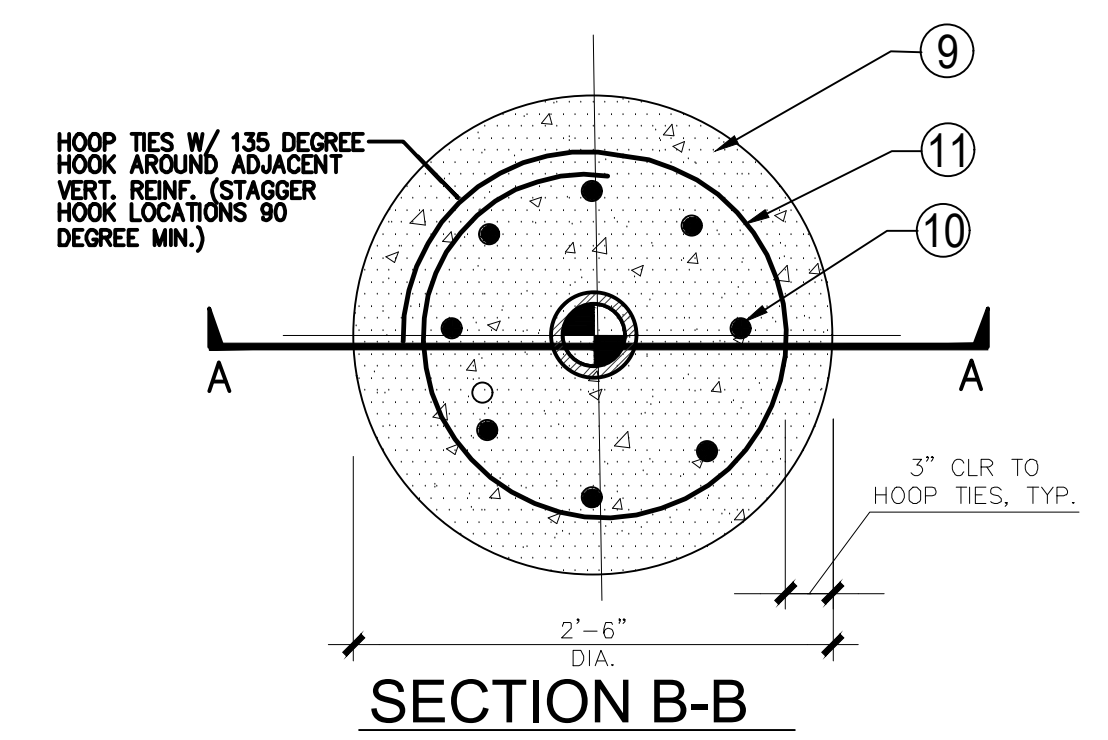
**L601**

DWG NO.

SHEET 30 OF 40

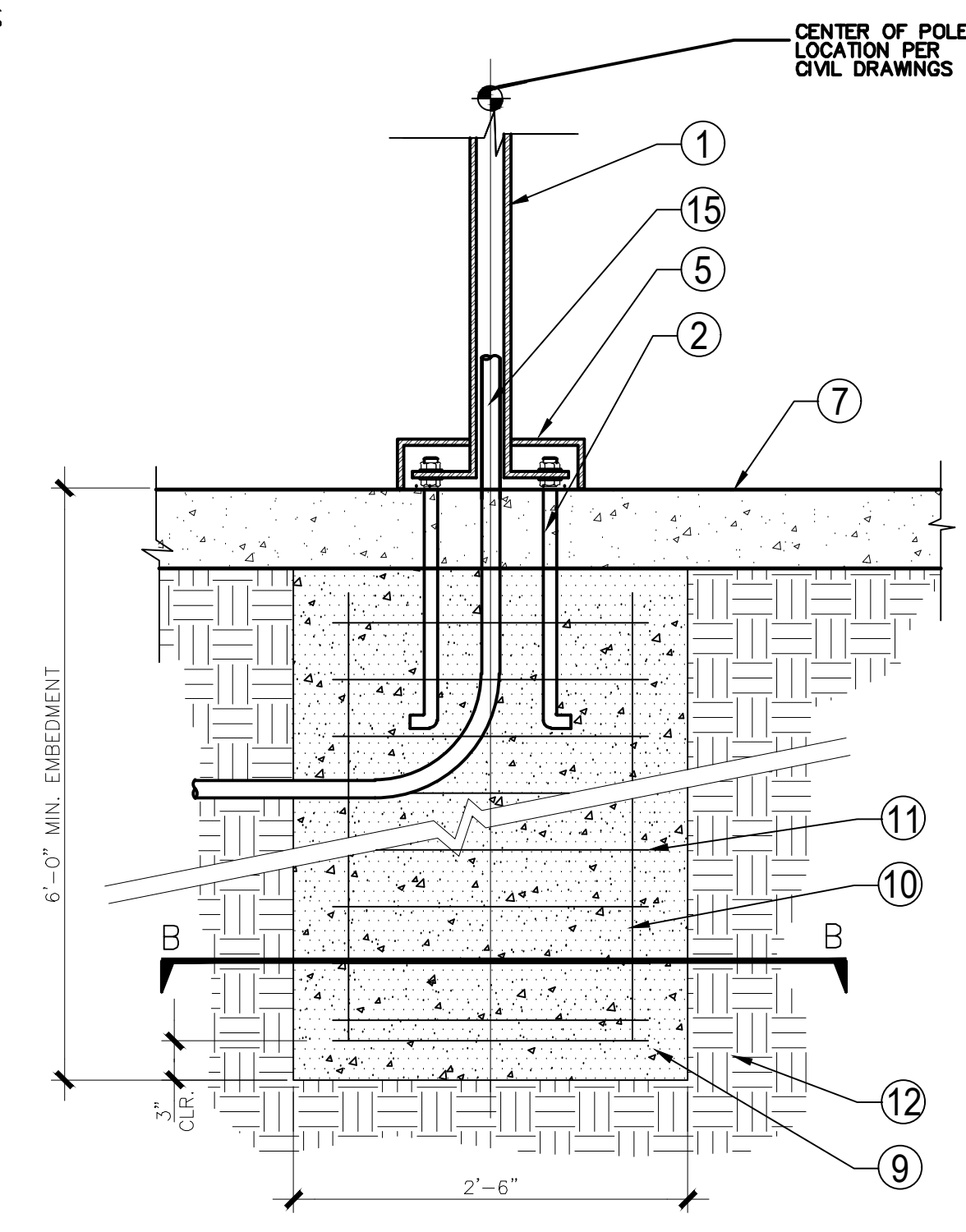


BASE PLATE DETAIL (NTS)

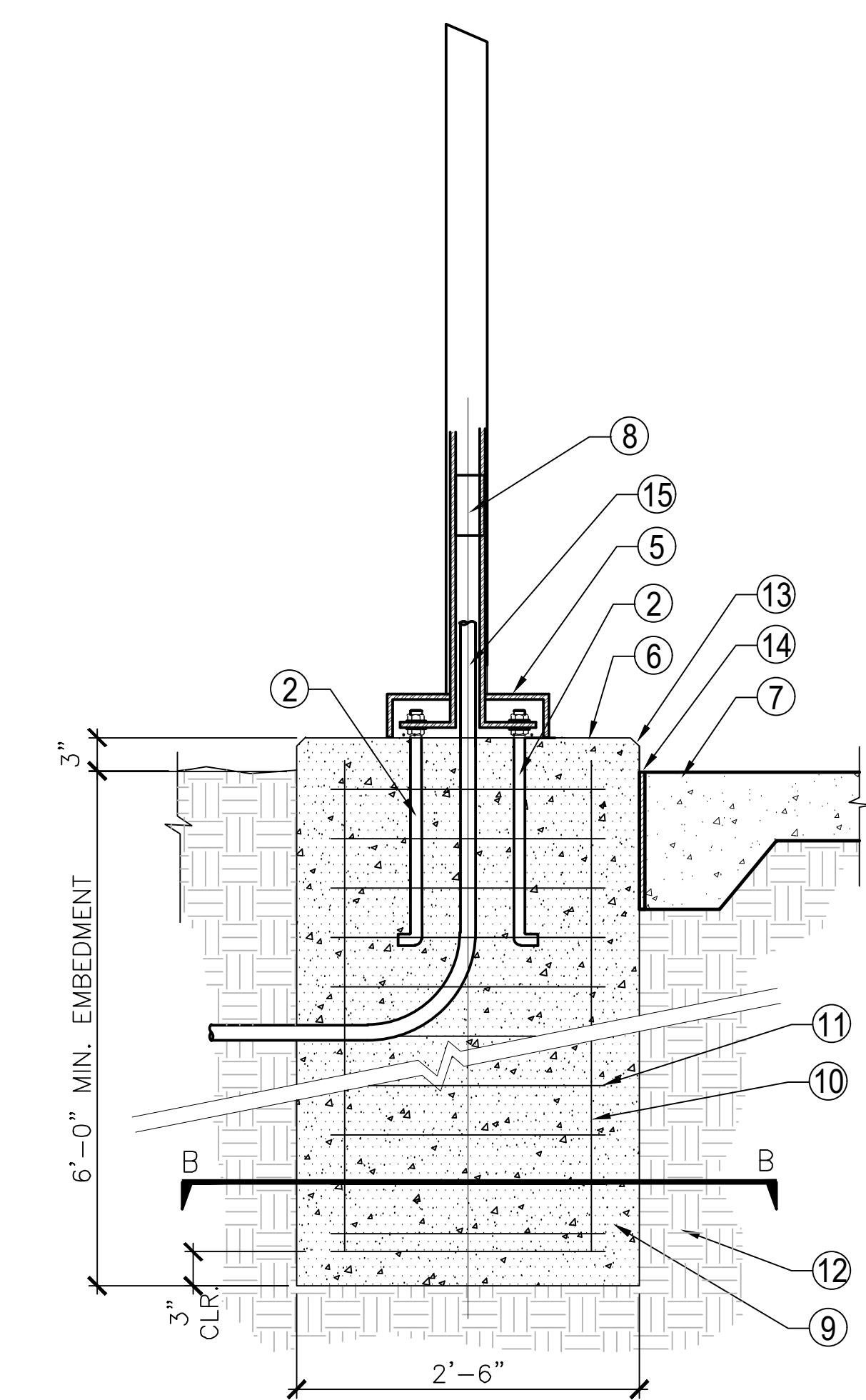
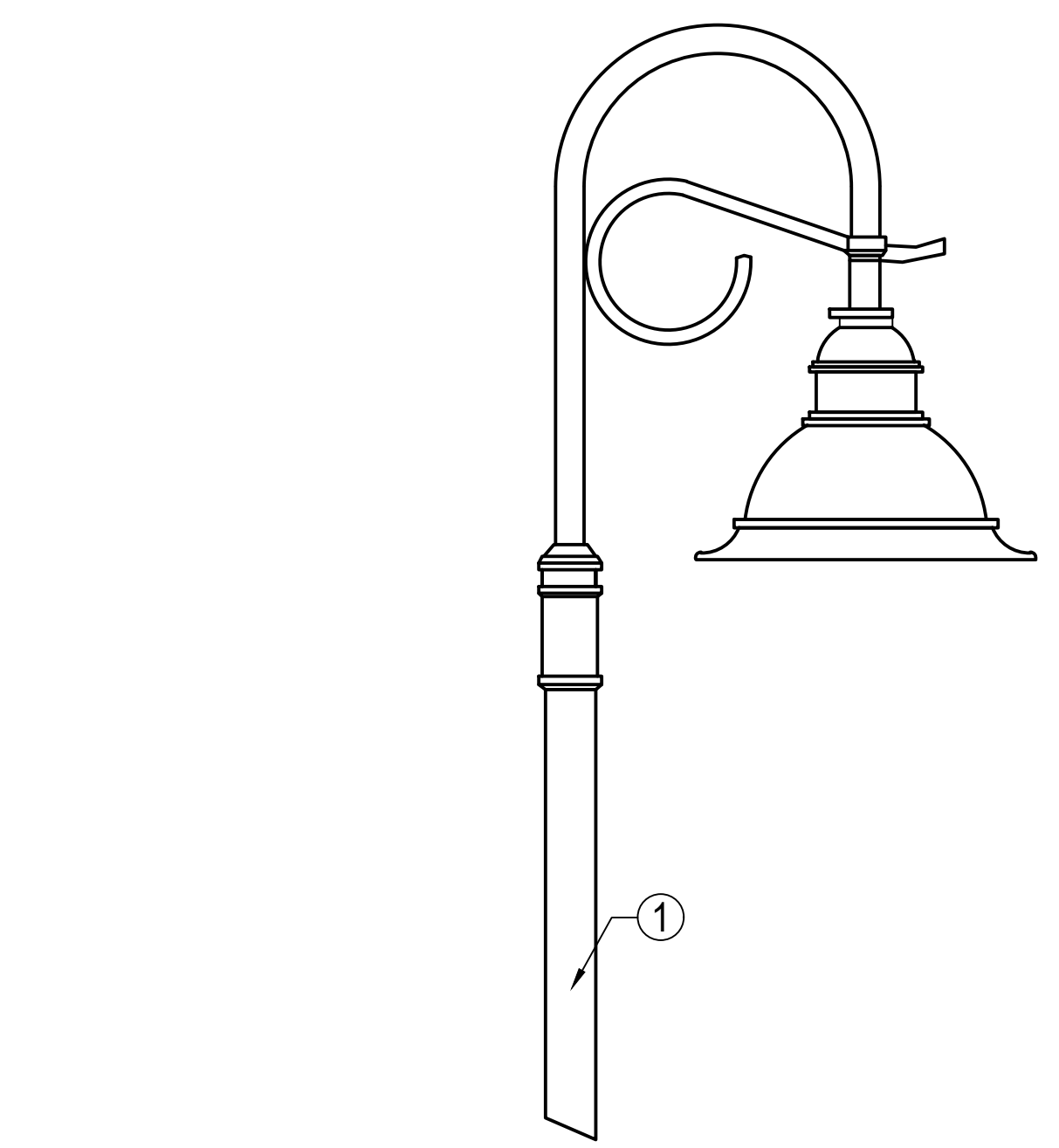


**LEGEND**

- ① 15' POLE
- ② 3/4" DIA. X 18" X 3" J ANCHOR BOLTS (ASTM F1554 GR 55 IN SLOTTED HOLES)
- ③ 10 1/2" DIA. BOLT PLATE
- ④ 1 1/2" DIA. BOLT HOLE
- ⑤ COVER PLATE
- ⑥ PROVIDE MEDIUM SAND BLAST FINISH TO TOP OF FOOTING AND CROWN TO DRAIN AWAY FROM POLE
- ⑦ ADJACENT FINISH GRADE
- ⑧ HANDHOLE
- ⑨ CONCRETE FOOTING
- ⑩ (8) #6 VERT. REBAR
- ⑪ #4 TIES AT 4-1/2" O.C. U.N.O.
- ⑫ COMPACTED SUBGRADE
- ⑬ 3/4" CHAMFER EDGE, TYP.
- ⑭ ISOLATION JOINT
- ⑮ ELECTRICAL CONDUITS, SEE ELEC DWGS



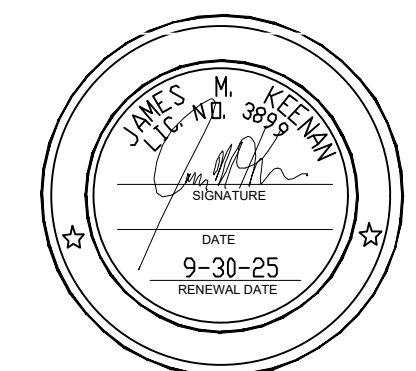
SECTION A-A IN PAVED AREA



SECTION A-A - IN GRADE

**LIGHT POLE**

SCALE: 1" = 1'-0"



PROJECT ENGINEER: \_\_\_\_\_ DATE: 03-04-24  
 R.C.E. EXP.

**CITY OF GOLETA**

**ANIL VERMA ASSOCIATES**  
 444 S. FLOWER ST. #1688  
 LOS ANGELES, CA 90071

PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
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DESIGN: \_\_\_\_\_ DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
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CITY OF GOLETA  
**SOUTH LA PATERA LANE IMPROVEMENT PROJECT (FOR GOLETA TRAIN DEPOT)**  
 Construction Details

CIP-9079  
 PBW NO.  
 BID NO. SHT. DES.  
**L602**  
 DWG NO.  
 SHEET 31 OF 40

**INVITATION FOR BID - 3/4/2024**

## TREE LEGEND - Sunset Western Garden Zone 4

SYMBOLS	BOTANIC NAME	COMMON NAME	SIZE	SPACING	QUANTITY	WATER USAGE	REMARKS
	GP Geijera parviflora	Australian Willow	36" Box	per plan	30	Low	Standard High branching
	TI Tabebuia impetiginosa	Pink Trumpet Tree	36" Box	per plan	8	Low	Standard High branching
	Existing Tree (Protect in Place)	Refer to Arborist Report -	-	-	-	-	Refer to Tree Protection Notes on L801. Refer to Arborist Report

## SHRUB LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QUANTITY	PAVING SETBACK	WATER USE
<b>SHRUBS</b>							
⊙	BG Bouteloua gracilis - Blonde Ambition	Blonde Ambition Grama Grass	1 gal.	24" o.c.	119	18"	Low
⊙	DB Dudleya brittonii	Giant Chalk Dudleya	1 gal.	18" o.c.	64	12	Low
○	GS Grindeila stricta - Venulosa	Coastal Gum Plant	1 gal.	18" o.c.	83	12"	Low

## EXISTING TREE PROTECTION NOTES

- CONTRACTOR SHALL NOT ALTER GRADES AT THE BASE OF TRUNKS OF EXISTING TREES TO BE PROTECTED IN PLACE. FINISH GRADE SHALL BE ADJUSTED TO COVER EXISTING EXPOSED ROOTS AS MUCH AS POSSIBLE WITHOUT ALTERING SURFACE DRAINAGE.
- NO CONSTRUCTION EQUIPMENT SHALL BE STORED UNDER DRIP LINES OF EXISTING OR INSTALLED TREES. EXCESSIVE COMPACTION SHALL BE AVOIDED IN THESE AREAS. FINISH GRADE AREA UNDER CANOPY OF TREE SHALL BE TAPED OFF TO PREVENT EQUIPMENT FROM RUNNING UNDER TREES. AREA UNDER CANOPY SHALL NOT BE USED FOR STORAGE OF ANY MATERIAL AT ANY TIME.
- ROOTS 2" AND DIAMETER AND SMALLER THAT ARE ENCOUNTERED WHILE TRENCHING SHALL BE CLEANLY CUT (AFTER APPROVAL BY CITY ARBORIST) WITH LOPPERS OR A FINE BLADED SAW TO AVOID BREAKING OR TEARING THE ROOT BACK CLOSER TO THE TRUNK. WHEN CUTTING, DO NOT TEAR THE OUTER BARK COVERING THE ROOT. AREAS AROUND LARGE ROOTS, (LARGER THAN 2" IN DIAMETER) ENCOUNTERED DURING TRENCHING SHALL BE HAND WORKED. LARGE ROOTS EXPOSED DURING TRENCHING SHALL BE PROTECTED BY COVERING THEM WITH MOISTENED BURLAP. THEY SHALL BE COVERED WITH MOIST BURLAP. THE DURATION THE TRENCH IS EXCAVATED. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING MOISTURE IN BURLAP THE ENTIRE TIME THE ROOT IS EXPOSED. THE CONTRACTOR SHALL TAKE DIGITAL PHOTOS OF ROOTS THAT ARE PRUNED/ SEVERED FOR OWNER'S RECORDS AND TO SUBSTANTIATE PROPER METHODS OF WORK. THESE PHOTOS SHALL BE COPIED ONTO A CD AND FORWARDED TO THE OWNER'S AUTHORIZED REPRESENTATIVE SUBSEQUENT TO COMPLETION OF WORK.
- NO TREE REMOVAL IS ALLOWED UNLESS APPROVED ON YOUR SITE PLAN. NO DAMAGE TO TREE ROOT SYSTEMS IS ALLOWED. NO HEAVY EQUIPMENT AND STOCKPILING OF MATERIALS WITHIN TREE DRIP LINES. ANY ADDITIONAL TREE REMOVAL MUST BE AUTHORIZED BY THE PLANNING DEPARTMENT PRIOR TO REMOVAL. CALL THE PLANNER NOTED ABOVE FOR MORE INFORMATION.
- ANY ADDITIONAL TREE REMOVAL MUST BE AUTHORIZED BY THE PLANNING DEPARTMENT PRIOR TO REMOVAL. CALL THE PLANNER NOTED ABOVE FOR MORE INFORMATION.
- PROVIDE TREE PROTECTION FENCING AS PER CITY OF GOLETA STANDARD DETAIL
- ALL PLANTING AREAS THAT ARE DISTURBED BY TRENCHING AND EXCAVATING SHALL BE BROUGHT BACK TO FINISH GRADE READY FOR PLANTING. GRADE SHALL BE COMPACTED AND DEVOID OF ANY ROCKS 1" DIAMETER AND LARGER WITHIN 6" OF SURFACE OR ANY DELETERIOUS MATERIAL. CONTRACTOR SHALL ENSURE THAT PROPER FLOW LINES ARE MAINTAINED/ CREATED TO ENSURE THAT WATER DOES NOT POND AT TREE BASE.
- ALL EXISTING UTILITIES AND HARDSCAPE ELEMENTS (CURBS, SIDEWALKS, ETC) ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED. CONTRACTOR TO REPAIR AND/OR REPLACE ALL HARDSCAPE ELEMENTS DAMAGED IN AREAS OUTSIDE THE LIMIT OF LANDSCAPE WORK, OR NOTED AS PROTECT IN PLACE TO THE SATISFACTION OF THE OWNER OR OWNER'S REPRESENTATIVE AT NO COST TO THE OWNER

## GENERAL PLANTING NOTES

- REFER TO PLANTING PLAN, DETAILS, AND SPECIFICATIONS FOR ADDITIONAL PLANTING INFORMATION
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES OR STRUCTURES
- DO NOT WILLFULLY PROCEED WITH PLANTING OPERATIONS AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE DESIGN PROCESS. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO THE FAILURE TO GIVE SUCH NOTIFICATION PRIOR TO BEGINNING WORK
- WHERE IT IS OBVIOUS IN THE FIELD THAT CONDITIONS DEVIATE FROM WHAT IS INDICATED ON THE PLANS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE LANDSCAPE ARCHITECT OF THESE DISCREPANCIES. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY NECESSARY REVISIONS
- VERIFY AND NOTE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK. PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE. HAND EXCAVATE AS REQUIRED
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS
- IF CONFLICTS ARISE BETWEEN THE ACTUAL SIZE OF AREAS ON THE SITE AND THE PLANS, CONTACT THE GENERAL CONTRACTOR FOR RESOLUTION. UNLESS OTHERWISE DIRECTED, THE CONTRACTOR SHALL ASSUME THE MORE EXPENSIVE OF THE TWO OPTIONS
- PLANT QUANTITIES LABELED ON ALL PLANS ARE FOR IN-HOUSE REFERENCE PURPOSES ONLY. THE PLANT SPACING SHOWN ON THE PLANTING LEGEND SHALL TAKE PRECEDENCE DURING BIDDING AND CONSTRUCTION PHASES. THE ONUS IS UPON THE CONTRACTOR TO CALCULATE FINAL PLANT QUANTITIES. ANY DISCREPANCY SHALL BE CALLED TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY
- PROVIDE TREES, SHRUBS, AND PLANTS OF QUALITY, SIZE, GENUS, SPECIES AND VARIETY SHOWN AND SCHEDULED FOR LANDSCAPE WORK AND COMPLYING WITH RECOMMENDATIONS AND REQUIREMENTS OF ANY Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". PROVIDE HEALTHY, VIGOROUS STOCK, GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE AND FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS OR DISFIGUREMENT. HEIGHT AND WIDTH SHOWN ARE MINIMUM SIZES
- ALL TREE & SHRUB MATERIAL SPECIFIED MUST MEET STANDARD INDUSTRY SPECIFICATIONS FOR THE CONTAINER SIZE INDICATED. IF CONTRACTOR CANNOT LOCATE MATERIAL OF ACCEPTABLE SIZE AT THE TIME OF INSTALLATION, SUBMIT PROOF OF NON-AVAILABILITY FROM A MINIMUM OF 5 SUPPLIERS TO THE LANDSCAPE ARCHITECT FOR REVIEW AND SPECIES SUBSTITUTION. DOWN-SIZING OR SUBSTITUTION OF PLANT MATERIAL WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT WILL NOT BE ALLOWED
- PROVIDE MATCHING FORMS AND SIZES FOR PLANT MATERIAL WITHIN EACH SPECIES AND SIZE AS DESIGNATED ON PLANS. FURNISH ALL PLANT MATERIALS FREE OF PESTS, DISEASE, AND DAMAGE
- CONTRACTOR SHALL SUBMIT FOR APPROVAL, PHOTOS OF ALL BOXED TREES AND SHRUB, GROUNDCOVER, AND VINES. SEE SPECIFICATIONS FOR FURTHER DETAIL
- A REPRESENTATIVE SAMPLE OF THE BOTANICAL NAME TAGS FURNISHED BY THE NURSERY STOCK SUPPLIER SHALL REMAIN ATTACHED TO THE PLANTS UNTIL FINAL INSPECTION
- CONTRACTOR SHALL SUBMIT A PHYSICAL SAMPLE OF THE FOLLOWING INERT MATERIALS FOR REVIEW BY LANDSCAPE ARCHITECT AND CLIENT PRIOR TO INSTALLATION - MULCH, DECORATIVE GRAVEL
- PRIOR TO PLANTING, PERFORM AGRONOMIC SOIL TESTING AND SOIL AMENDMENTS PER RECOMMENDATION BY SOIL LABORATORIES. REFER TO NOTES BELOW AND SPECIFICATIONS
- THE CONTRACTOR SHALL HAVE SOIL SAMPLES TAKEN FROM NUMBER (#) AREAS IDENTIFIED IN THE DRAWINGS. THE SAMPLES SHALL BE TESTED BY WALLACE LABORATORIES, EL SEGUNDO, FOR SOIL FERTILITY, AGRICULTURAL SUITABILITY, N-P-K, pH, EC, SOIL TEXTURE (SILT, CLAY, SAND) AND SOIL PREPARATION RECOMMENDATIONS. THE CONTRACTOR MAY BE REQUESTED TO AMEND THE SOIL TO CONFORM TO THESE RECOMMENDATIONS. ANY AMENDMENT HOWEVER, WOULD BE REQUESTED OF THE CONTRACTOR ONLY UPON WRITTEN RECEIPT OF CHANGE ORDER FROM THE OWNER. THE RESULTS AND RECOMMENDATIONS OF THE SOIL TESTING LABORATORY SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER. THE APPROVED RECOMMENDATIONS FOR AMENDMENTS AND BACKFILL SHALL BE INCORPORATED INTO THE LANDSCAPE PLANTING AREAS PRIOR TO THE START OF CONSTRUCTION AND SHALL BECOME PART OF THE APPROVED PLANS
- THE CONTRACTOR SHALL HAVE SOIL SAMPLES TAKEN OF EACH SHIPMENT OF IMPORT SOIL TO THE SITE. EVEN SAMPLES BROUGHT FROM OTHER LOCATIONS ON SITE. THE SAMPLES SHALL BE TESTED BY A QUALIFIED SOILS TESTING LABORATORY FOR SOIL FERTILITY, AGRICULTURAL SUITABILITY, AND SOIL PREPARATION RECOMMENDATIONS. EACH SOIL SAMPLE SHALL CONTAIN APPROXIMATELY ONE (1) QUART OF SOIL. THE CONTRACTOR MAY BE REQUESTED TO AMEND THE SOIL TO CONFORM TO THESE RECOMMENDATIONS
- AT LOCATIONS WHERE EXISTING PAVING/SLABS ARE REMOVED AND INSTALLATION OF NEW PLANTING AREAS IS INDICATED, CONTRACTOR SHALL REMOVE THE TOP 24 INCHES (DEPTH) OF SOIL BELOW BASE AND REPLACE TO A 24 INCH DEPTH WITH TESTED AND OAR APPROVED IMPORTED PLANTING SOIL.
- FINISH GRADE IN ALL PLANTER AREAS SHALL BE 2 INCHES BELOW FINISH SURFACE OF SURROUNDING HARDSCAPE AND/OR UTILITY BOXES, EXCEPT WHERE NOTED
- PERFORM WEED CONTROL PER PLANTING SPECIFICATIONS. PROVIDE MANUAL WATERING VIA WATERING TRUCK FOR ESTABLISHMENT PURPOSES.
- PRIOR TO PLANTING, TREAT ALL PLANTING BEDS WITH PRE-EMERGENT HERBICIDE. CONTRACTOR IS RESPONSIBLE FOR ALL WEEDING UNTIL FINAL ACCEPTANCE
- LOCATIONS OF ALL PLANT BEDS AND TREES TO BE STAKED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING
- TREE LOCATIONS SHOWN ON PLAN MAY REQUIRE ADJUSTMENT IN THE FIELD. WHENEVER FEASIBLE, TREES SHOULD BE PLANTED A MINIMUM OF TEN (10) FEET FROM ALL UNDERGROUND UTILITIES AND OUT OF DRAINAGE FLOW LINES AND THREE (3) FEET FROM SPRAY HEADS. SHOULD THIS NOT BE POSSIBLE, CONTACT THE LANDSCAPE ARCHITECT FOR A DECISION ON TREE PLACEMENT
- INSTALL ROOT BARRIER IF CENTER OF TREE TRUNK IS WITHIN 5' OF ANY CURBS OR SIDEWALKS
- SCARIFY ALL TREE PITS BEFORE PLANTING. VERIFY THAT ALL TREE PITS ADEQUATELY DRAIN BEFORE PLANTING TREES
- DELIVER TREES AND SHRUBS AFTER PREPARATIONS FOR PLANTING HAS BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, SET TREES AND SHRUBS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP, OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
- 15 GALLON SIZE TREES ARE TO BE SINGLE STAKED. 24" BOX & 36" BOX SIZE TREES TO BE DOUBLE STAKED UNLESS OTHERWISE NOTED. 48" BOX SIZED TREES AND LARGER ARE TO BE EITHER GUYED OR DOUBLE STAKED UPON DIRECTION FROM THE OWNER'S AUTHORIZED REPRESENTATIVE
- TRIANGLE SPACE SHRUBS AND GROUNDCOVER UNLESS INDICATED OTHERWISE ON PLANS. ALIGN AND EQUALLY SPACE PLANTS IN ALL DIRECTIONS
- WHENEVER A SHRUB AREA ABUTS A PARKING STALL, PROVIDE A 2' PLANT-FREE "CLEAR ZONE" FROM FACE OF CURB
- DO NOT PLANT ON TOP OF TREE ROOTBALLS UNLESS DIRECTED BY LANDSCAPE ARCHITECT
- INSTALL 3 INCH LAYER OF SHREDDED WOOD MULCH OR DECORATIVE GRAVEL IN ALL NEWLY PLANTED AREAS UPON COMPLETION OF PLANTING. MULCH TO BE "FOREST FLOOR" (1/2"-1 1/2" SIZE) BY AGUINAGA GREEN. REFER TO PLANS FOR LOCATION AND SIZE OF DECORATIVE GRAVEL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
- LANDSCAPE ARCHITECT SHALL HAVE THE OPPORTUNITY TO INSPECT AND APPROVE ALL SPECIMEN AND BOX (24" BOX AND LARGER) MATERIALS AT THE NURSERY PRIOR TO PLANTING
- LANDSCAPE ARCHITECT AND CITY OF GOLETA ARBORIST SHALL HAVE THE OPPORTUNITY TO INSPECT ALL PLANT MATERIALS AT THE JOB SITE PRIOR TO PLANTING
- UPON COMPLETION OF PLANTING, THE CONTRACTOR SHALL ARRANGE FOR A SUBSTANTIAL COMPLETION INSPECTION BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL CORRECT ANY DISCREPANCIES FOUND PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF THE PROJECT.
- LANDSCAPE IRRIGATION SYSTEM SHALL BE DESIGNED AND MAINTAINED TO PREVENT SPRAY ON STRUCTURES. (Title 31, Section 5.407.2.1)
- ALL TREES SHALL BE INSPECTED BY THE CITY ARBORIST FOR APPROVAL OR REJECTION PRIOR TO PLANTING.

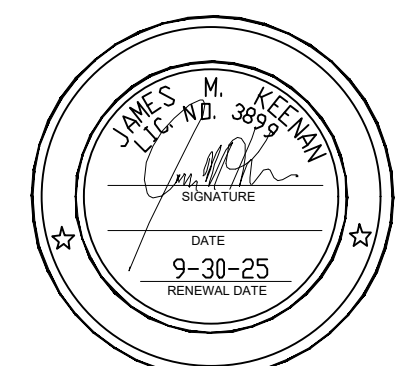
## SOIL TESTING

- SEE SPECIFICATIONS.
- CONDUCT ON-SITE SOIL TESTS AT LOCATIONS SHOWN ON DRAWINGS WITH THIS SYMBOL:
  - SOIL TEST
  - CONDUCT 2 TESTS PER LOCATION:
    - SAMPLE TAKEN FROM FINISH GRADE SURFACE
    - SAMPLE TAKEN FROM AN 18" SOIL DEPTH
- FOR IMPORTED SOIL, CONDUCT 2 (TWO) TESTS PER SOURCE.

PROJECT ENGINEER:  
R.C.E. EXP.

03-04-24

DATE



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

NO. \_\_\_\_\_  
INVESTIGATION TO BID \_\_\_\_\_  
REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
Planting Schedules

CIP-9079  
PBW NO.

BID NO. \_\_\_\_\_ SHT. DES. \_\_\_\_\_

**L800**  
DWG NO.

SHEET 32 OF 40

INVITATION FOR BID - 3/4/2024





444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_  
SK WA  
DESIGN CHECKED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
DATE APPROVED: 3/04/24

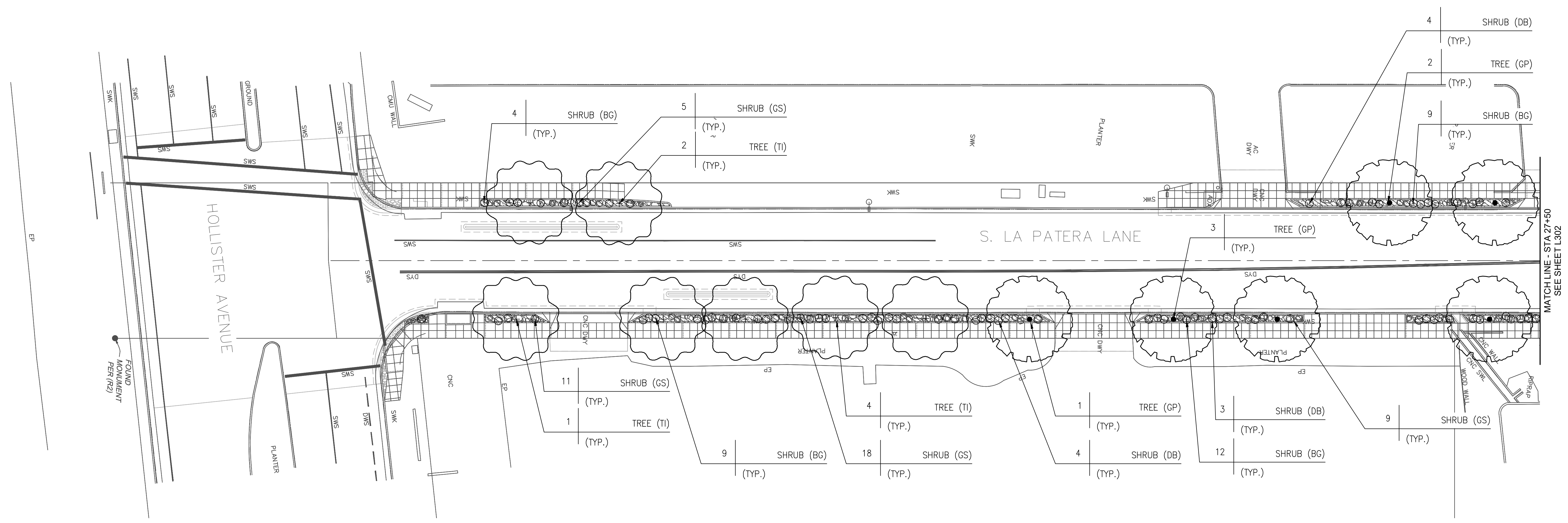
NO.	INVTATION TO BID	REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
PLANTING PLAN - LA PATERA LANE

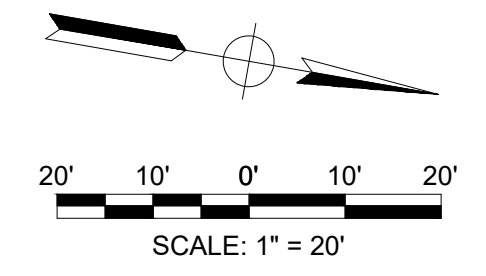
CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
L801  
DWG NO.  
SHEET 33 OF 40

PROJECT ENGINEER: \_\_\_\_\_  
R.C.E. EXP.  
DATE: 03-04-24

INVITATION FOR BID - 3/4/2024



PLANTING PLAN  
SCALE 1" = 20'-0"

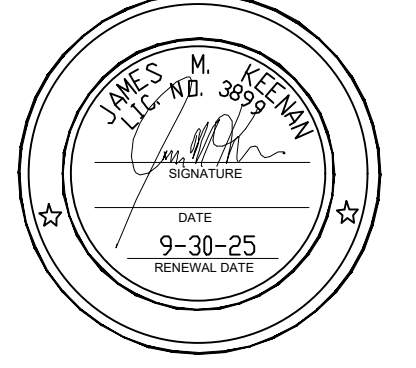


PLANT LEGEND - See Sheet L800

SYMBOLS	BOTANIC NAME
	Geijera parviflora
	Tabebuia impetiginosa
	Existing Tree (Protect in Place)
	Bouteloua gracilis - Blonde Ambition
	Dudleya brittonii
	Grindelia stricta - Venulosa

NOTES:

REFER TO SHEET L-800 FOR PLANTING LEGEND. REFER TO SHEETS L-1001 FOR TYPICAL PLANTING DETAILS & NOTES





444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_  
SK \_\_\_\_\_  
VA \_\_\_\_\_  
WA \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24  
INVESTIGATION TO BID

NO.	REVISIONS

DATE APPROVED: 3/04/24

INVESTIGATION TO BID

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INVESTIGATION TO BID

DATE APPROVED: 3/04/24

INVESTIGATION TO BID

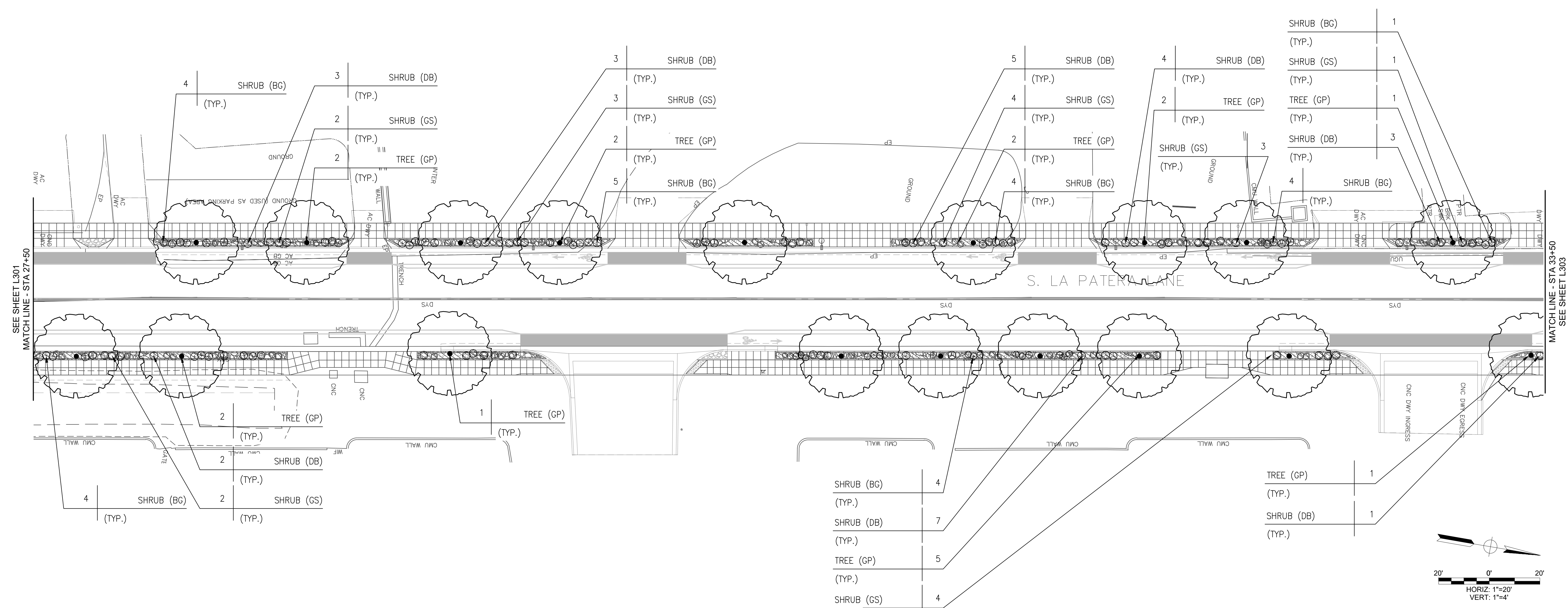
DATE APPROVED: 3/04/24

INVESTIGATION TO BID

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
PLANTING PLAN - LA PATERA LANE

INVITATION FOR BID - 3/4/2024

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
L802  
DWG NO.  
SHEET 34 OF 40

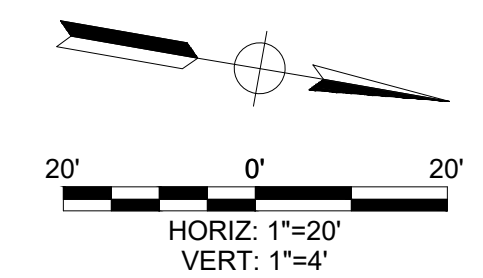


PLANTING PLAN  
SCALE 1" = 20'-0"

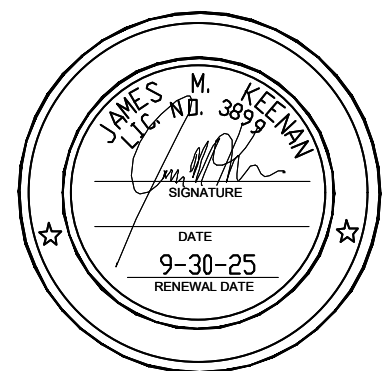
PLANT LEGEND - See Sheet L800

SYMBOLS	BOTANIC NAME
	Geijera parviflora
	Tabebuia impetiginosa
	Existing Tree (Protect in Place)
	Bouteloua gracilis - Blonde Ambition
	Dudleya brittonii
	Grindelia stricta - Venulosa

NOTES:  
REFER TO SHEET L-800 FOR PLANTING LEGEND. REFER TO SHEETS L-1001 FOR TYPICAL PLANTING DETAILS & NOTES



PROJECT ENGINEER: \_\_\_\_\_ DATE: 03-04-24  
R.C.E. EXP.





444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

NO.	INVESTIGATION TO BID	REVISIONS

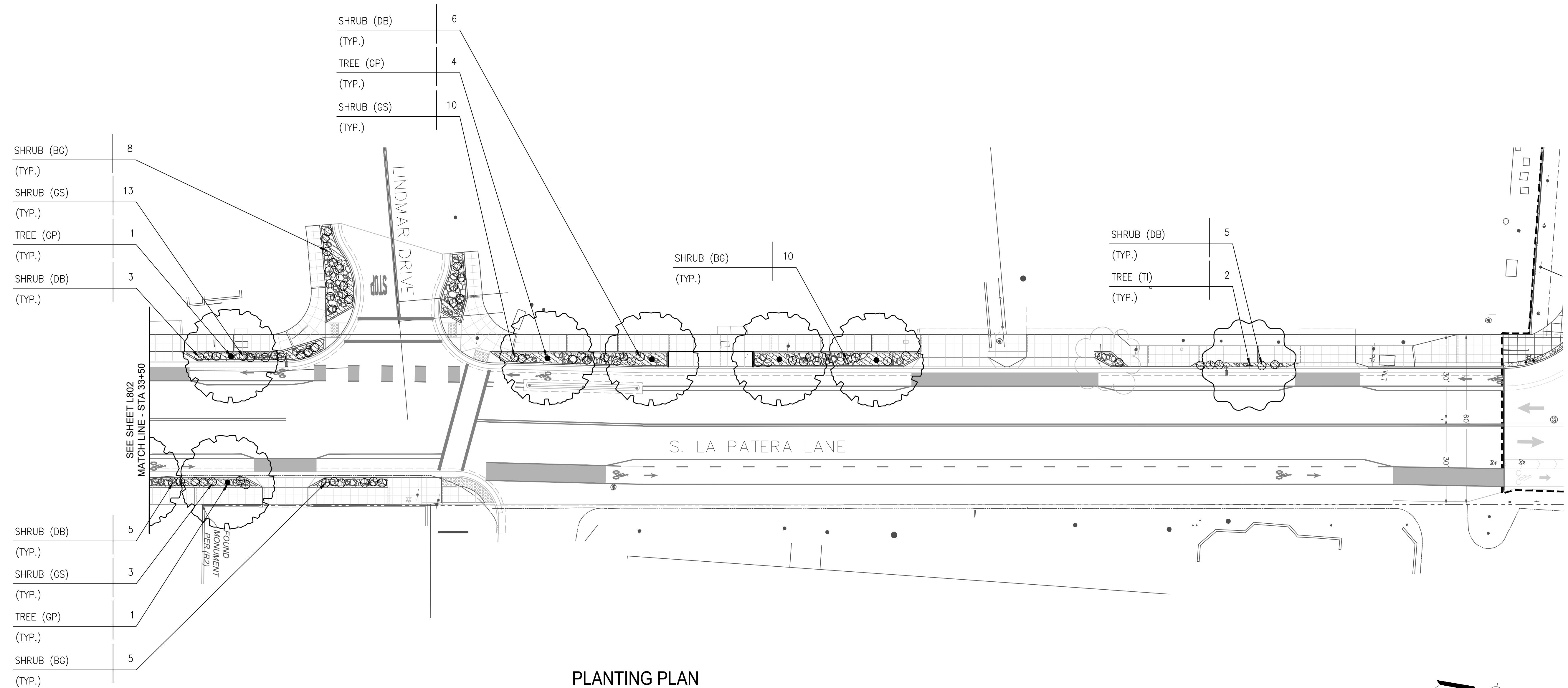
DATE APPROVED: 3/04/24

CITY OF GOLETA

**SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)**  
PLANTING PLAN - LA PATERA LANE

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
**L803**  
DWG NO.  
SHEET 35 OF 40

**INVITATION FOR BID - 3/4/2024**

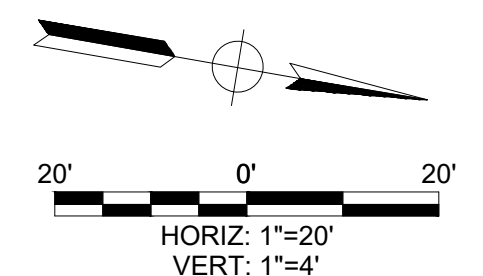


**PLANTING PLAN**  
SCALE" 1" =20'-0"

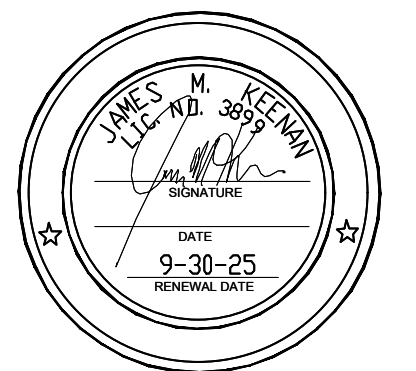
**PLANT LEGEND - See Sheet L800**

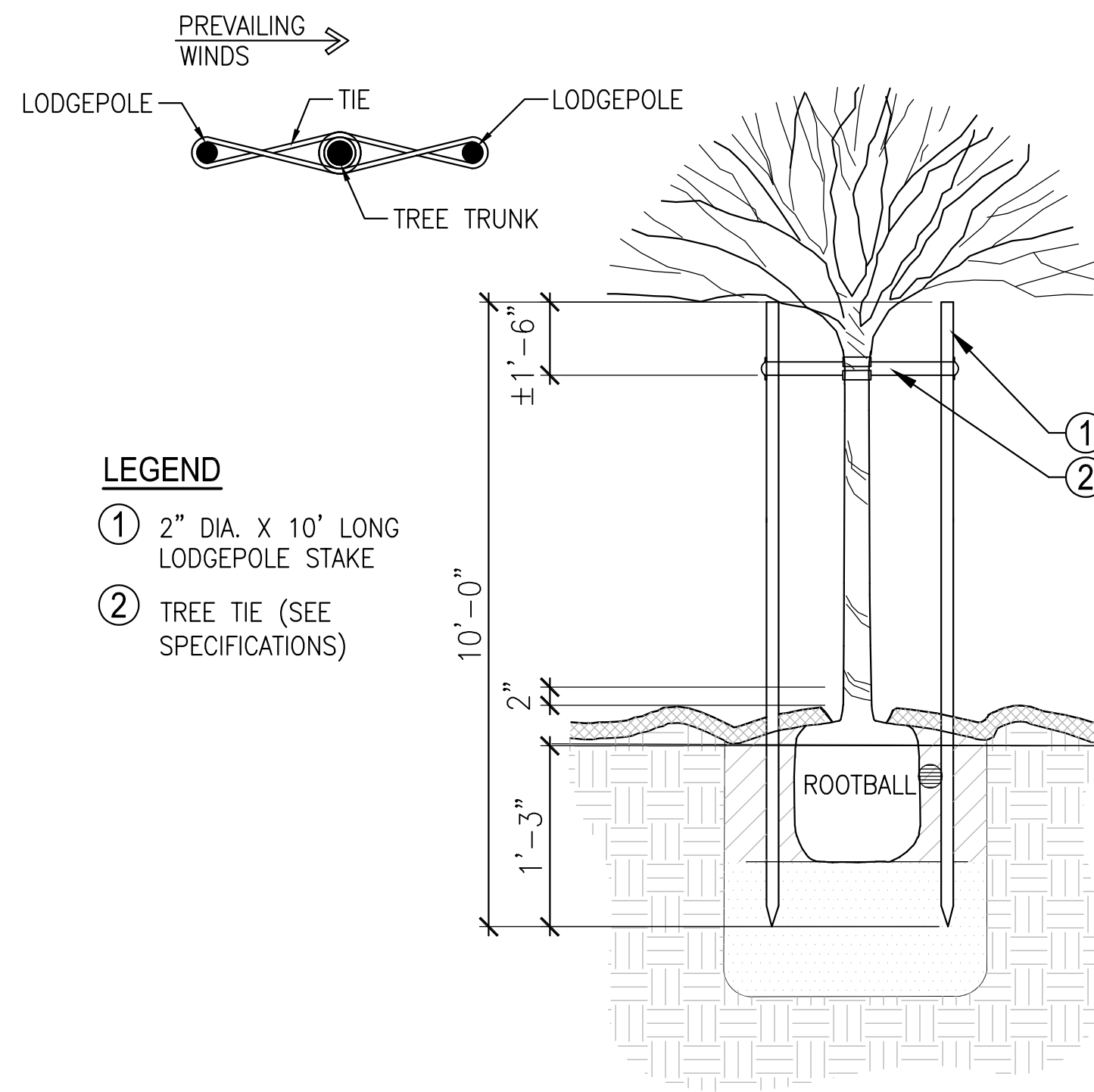
SYMBOLS	BOTANIC NAME
	Geijera parviflora
	Tabebuia impetiginosa
	Existing Tree (Protect in Place)
	Bouteloua gracilis - Blonde Ambition
	Dudleya brittonii
	Grindelia stricta - Venulosa

**NOTES:**  
REFER TO SHEET L-800 FOR PLANTING LEGEND. REFER TO SHEETS L-1001 FOR TYPICAL PLANTING DETAILS & NOTES



PROJECT ENGINEER: \_\_\_\_\_ DATE \_\_\_\_\_  
R.C.E. EXP.





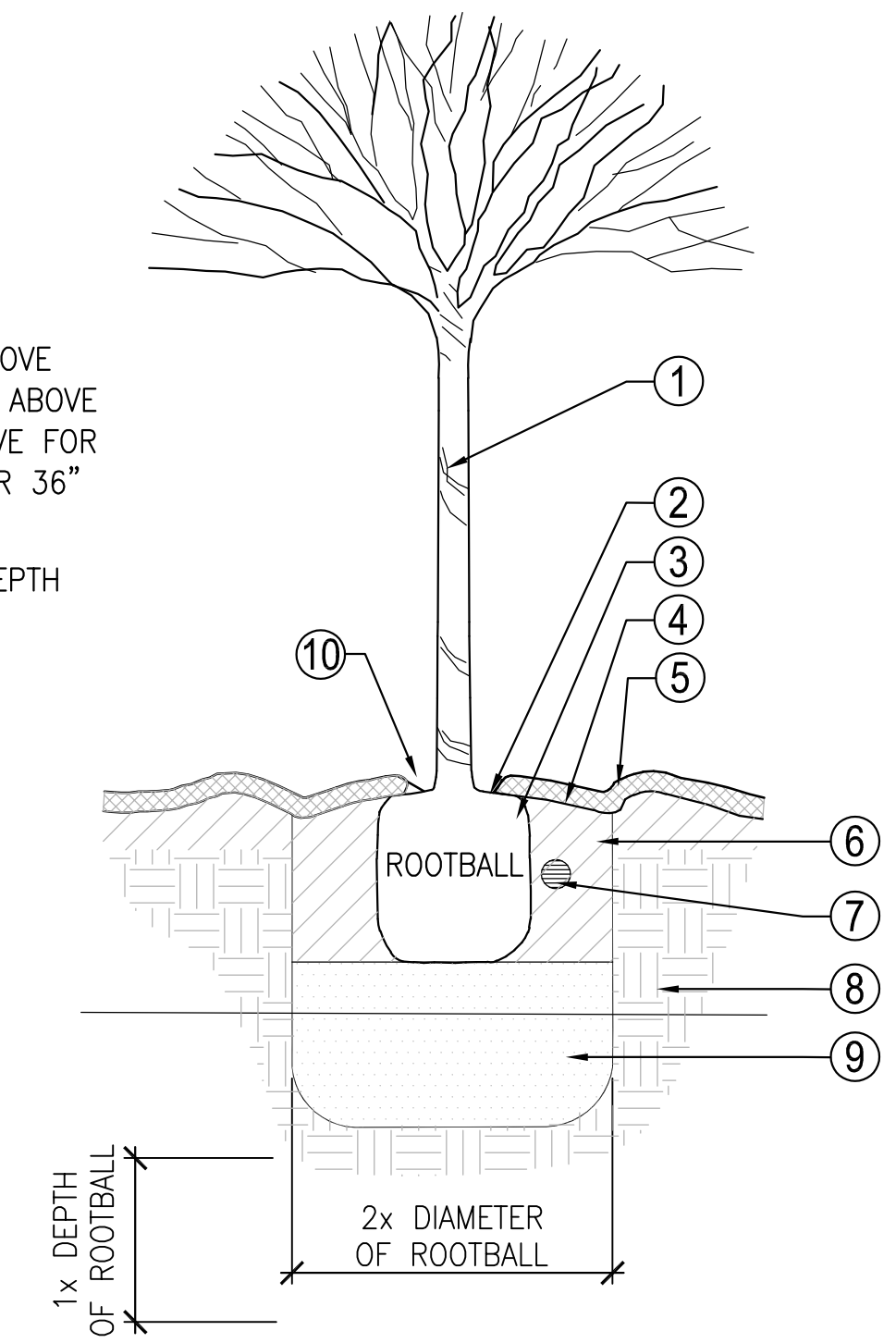
### DOUBLE TREE STAKING

Scale: NTS

3

### LEGEND

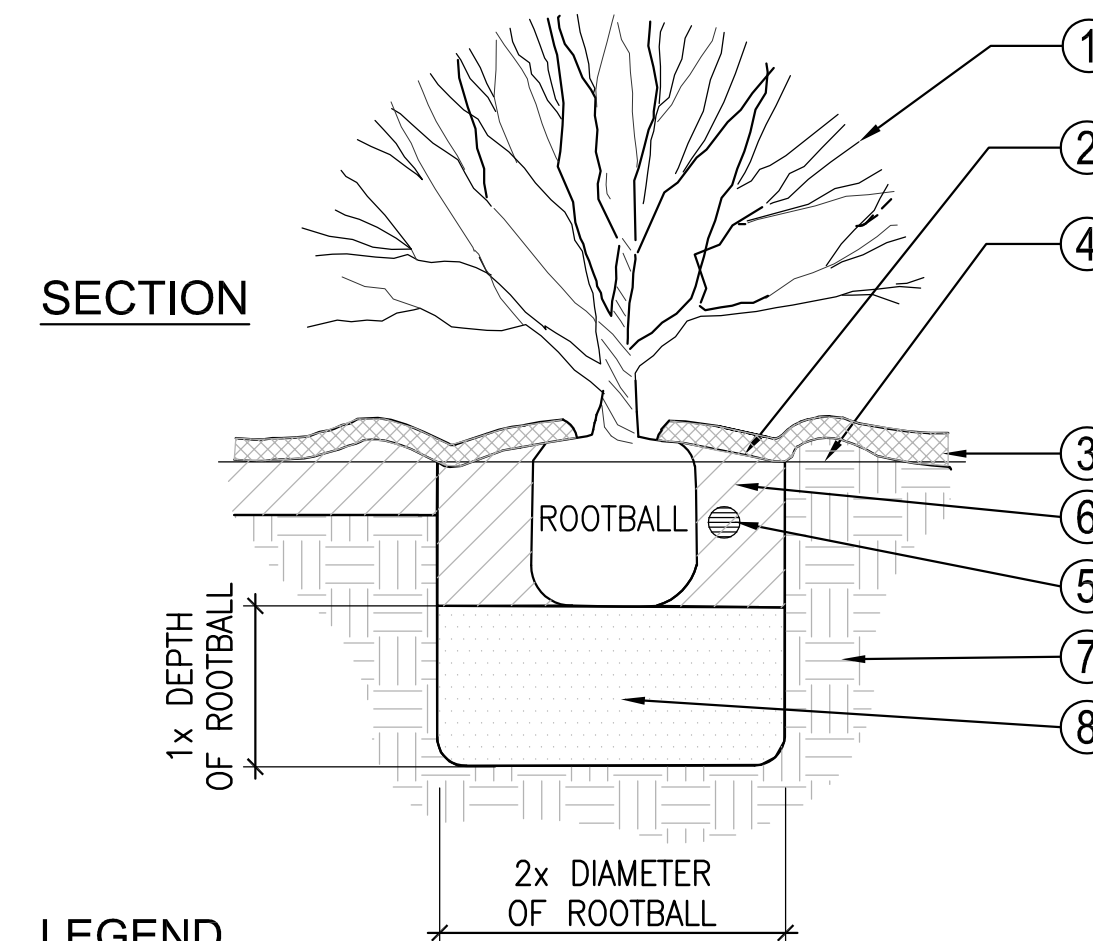
- ① TREE
- ② SET TOP OF ROOTBALL ABOVE SURROUNDING GRADE. (1" ABOVE FOR 5-15 GAL., 2" ABOVE FOR 24" BOX, 3" ABOVE FOR 36" BOX AND LARGER)
- ③ WATER BASIN: 4" MIN. DEPTH ABOVE ADJACENT GRADE
- ④ FINISH GRADE
- ⑤ 3" MULCH LAYER
- ⑥ AMENDED BACKFILL
- ⑦ PLANT TABLETS
- ⑧ UNDISTURBED SOIL
- ⑨ EXCAVATE SOIL, REPLACE AND HAND TAMP
- ⑩ KEEP MULCH 3" MIN. CLEAR FROM CROWN



### TREE PLANTING

Scale: 1" = 1'-0"

1



### LEGEND

- ① CONTAINER PLANT
- ② WATER BASIN, 2" MIN. DEPTH ABOVE ADJACENT GRADE
- ③ 3" MULCH LAYER. KEEP 2" MIN. CLEAR FROM CROWN
- ④ FINISH GRADE
- ⑤ FERTILIZER TABLETS
- ⑥ AMENDED BACKFILL SOIL
- ⑦ UNDISTURBED SOIL
- ⑧ EXCAVATE SOIL, REPLACE AND HAND TAMP.

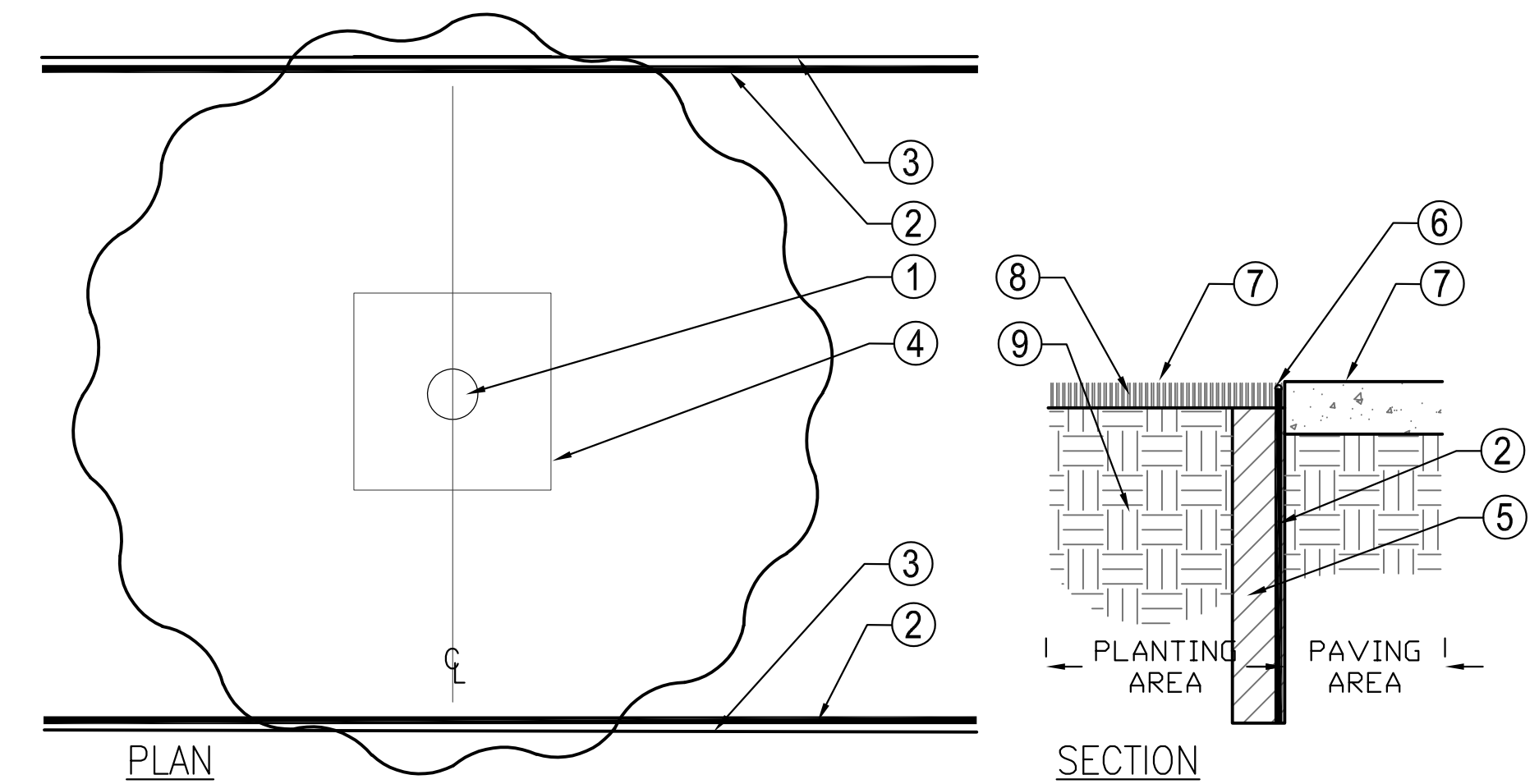
### NOTE:

SET TOP OF ROOTBALL 1" ABOVE SURROUNDING GRADE.

### SHRUB PLANTING

Scale: 1" = 1'-0"

4



### LEGEND

- ① TREE TRUNK. REFER TO PLAN/ LEGEND FOR TREE SPECIES.
  - ② 24" DEEP ROOT BARRIER, EXTENDS 6' ON EITHER SIDE OF TREE ALONG CURB OR EDGE OF PAVING
  - ③ BACK OF CURB OR EDGE OF PAVING, TYPICAL. SEE PLANS.
  - ④ TREE ROOTBALL - SIZE VARIES
  - ⑤ 4" WIDE MIN. X 24" DEEP TRENCH ALONG CURB OR PAVING. BACKFILL AGAINST BARRIER WITH EXCAVATED SOIL FROM TRENCH
  - ⑥ TOP EDGE OF ROOT CONTROL BARRIER 1" BELOW TOP OF CURB OR PAVING
  - ⑦ FINISH GRADING / FINISH SURFACE
  - ⑧ MULCH
  - ⑨ PLANTING SOIL
- NOTE:**
1. TREES WITHIN FIVE (5) FEET OF ANY HARDSCAPE, PAVEMENT, OR CURB SHALL HAVE ROOT BARRIERS ("BIOBARRIER"). ROOT BARRIERS SHALL NOT BE WRAPPED AROUND THE ROOTBALL.
  2. REFER TO ROOT BARRIER MANUFACTURER DETAILS, NOTES AND SPECS FOR ADDITIONAL INSTALLATION REQUIREMENTS

### TYPICAL ROOT BARRIER CONDITION

Scale:

2



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

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CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED
	3/04/24				

INTEGRITY TO BID

REVISIONS

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)

Planting Details

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
**L1001**  
DWG NO.  
SHEET 36 OF 40



PROJECT ENGINEER: R.C.E. EXP. DATE: 03-04-24

INVITATION FOR BID - 3/4/2024

# GENERAL NOTES

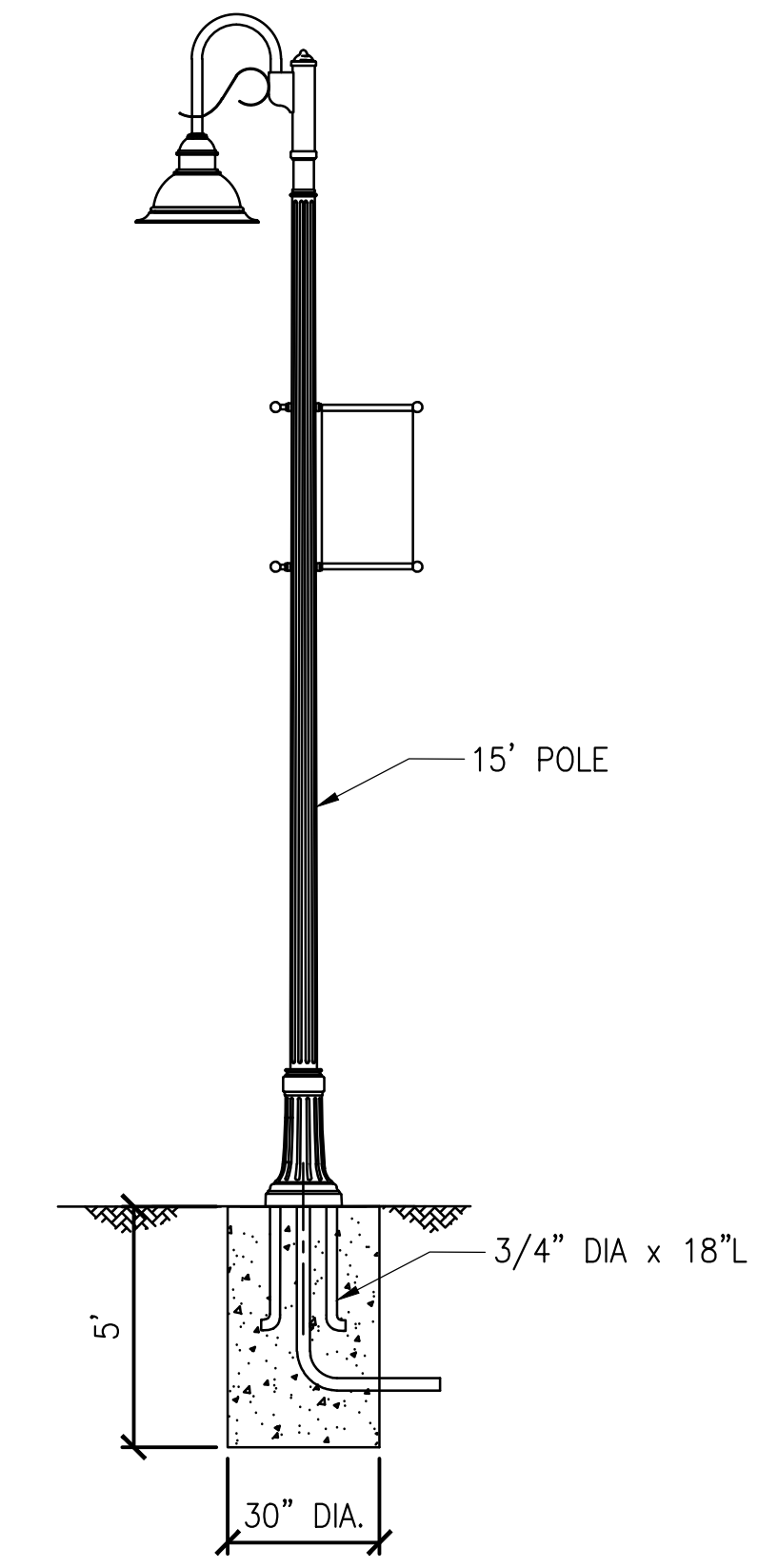
1. ALL ELECTRICAL WORK SHALL BE DONE IN CONFORMANCE WITH THE CITY OF GOLETA STANDARDS. THE 2018 CALTRANS STANDARD SPECIFICATIONS AND THE STANDARD PLANS. THE LATEST VERSION OF 2014 CA MUTCD, AND IN ACCORDANCE WITH THE PROJECT SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC TO THE ENGINEER IMMEDIATELY UPON DISCOVERY IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL REMEDIAL ACTION CAN BE TAKEN. ANY COST RESULTING FROM THE CONTRACTOR'S FAILURE TO REPORT OR FAILURE TO STOP WORK AS DIRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL OVERHEAD AND UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL "DIG ALERT" AT 811, 2 WORKING DAYS PRIOR TO ANY EXCAVATIONS.
4. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO EXCAVATIONS FOR FOUNDATIONS.
5. THE LOCATIONS OF ALL BOXES, CONDUITS AND OTHER EQUIPMENT SHOWN ON THIS PLAN ARE APPROXIMATE AND MAYBE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
6. ALL PULL BOXES SHALL BE No. 5 UNLESS OTHERWISE NOTED.

## SYMBOLS:

- \*1 POLE MOUNTED SINGLE LIGHT FIXTURE  
(1)NUMBER INDICATE CIRCUIT NUMBER
- PB UNDERGROUND PULL BOX
- UNDERGROUND CONDUIT & WIRES

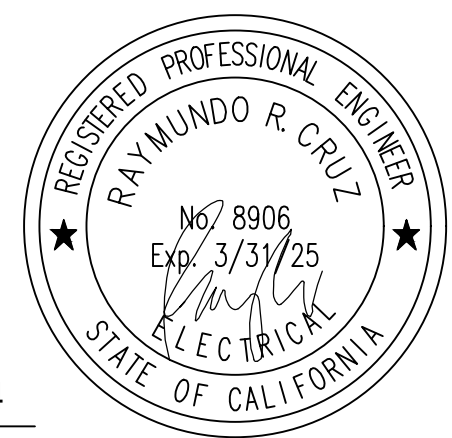
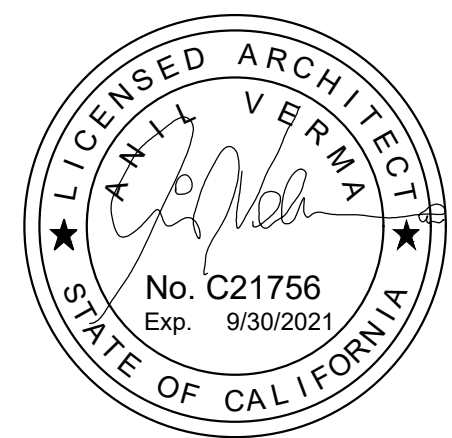
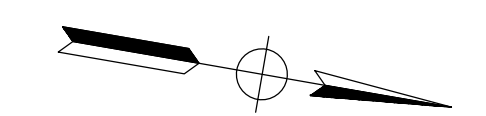
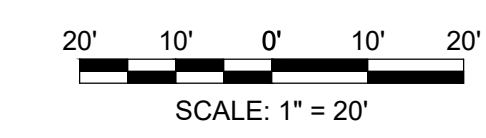
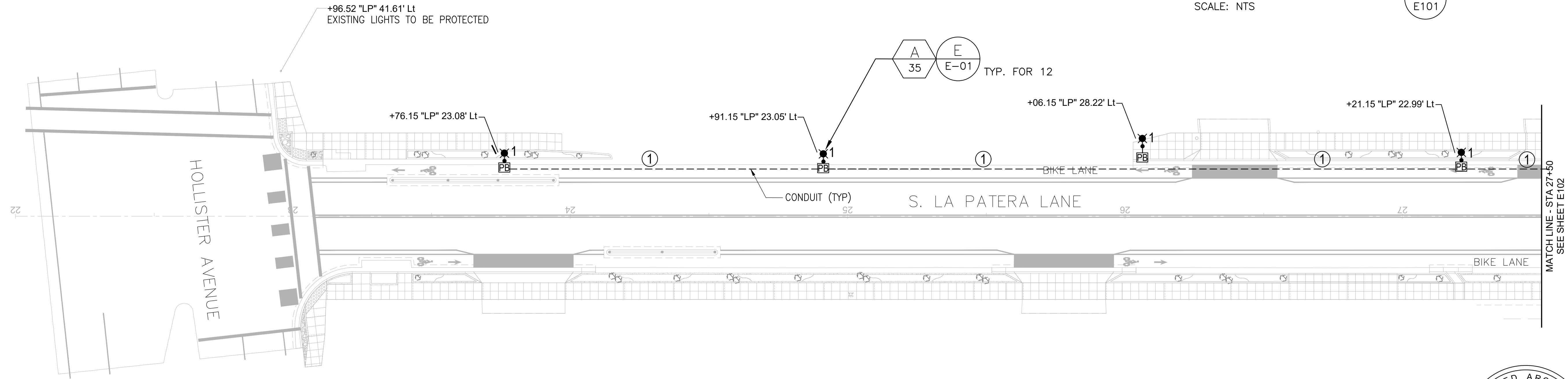
## KEY NOTE:

- ① 1" C - 2#6 + 1#12 GND



LIGHTING POLE DETAIL  
SCALE: NTS

LIGHTING FIXTURE SCHEDULE				
TYPE	DESCRIPTION	VOLT	MANUFACTURER & CATALOG #	LAMP
A 35	SINGLE POLE MOUNTED LIGHT FIXTURE, MOUNTING HEIGHT=15'-0", 3000K COLOR TEMPERATURE, HOUSE SIDE SHIELD LUMINAIRE, TEXTURED GREEN FINISH.	120V	LUMEX #DMS50W32LED3K-G3-LE2F-120-DMG-HS-GNTX. THE POLE NUMBER SHALL BE RTA90-BA, MOUNTING LM-1A-GNTX, TEXTURED GREEN FINISH OR APPROVED EQUAL	LED 35W



RAYMUNDO R. CRUZ  
PROJECT ENGINEER:  
R.C.E. EXP.

3/4/2024  
DATE



PUBLIC WORKS  
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APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DATE	APPROVED	DESIGN	DRAWN	CHECKED
3/04/24				

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
LIGHTING PLAN - LA PATERA LANE

CIP-9079  
PBW NO.

BID NO. SHT. DES.  
E101  
DWG NO.

SHEET 37 OF 40

INVITATION FOR BID - 3/4/2024



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED:	DATE
CITY ENGINEER	ORIGINAL SIGNED DATE

DESIGN:	DATE
DRAWN	3/04/24
CHECKED:	

INVT. TO BID	NO.

REVISIONS	

NO.	

NO.	

NO.	

NO.	

NO.	

NO.	

NO.	

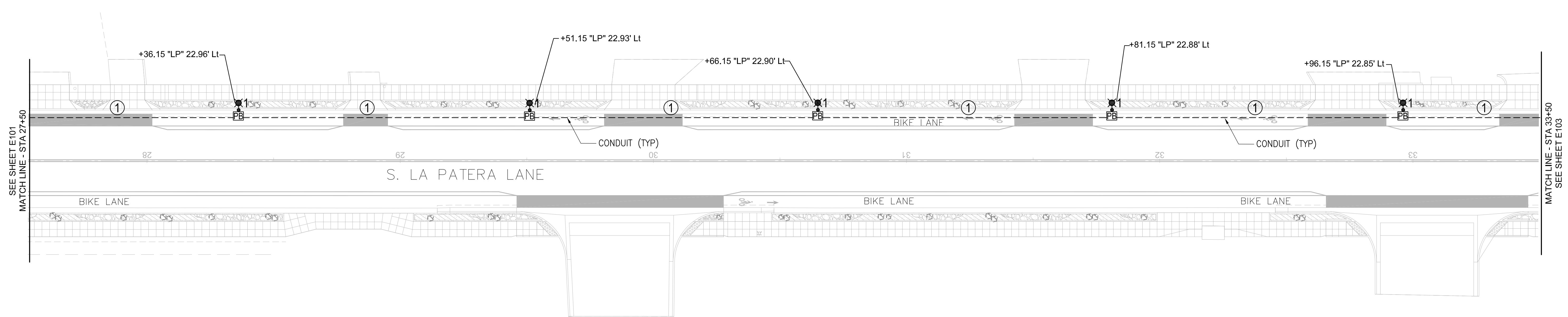
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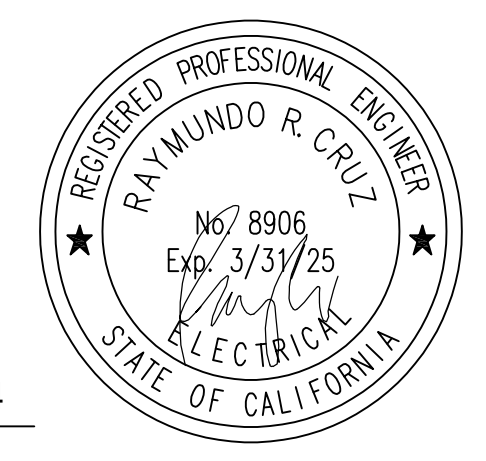
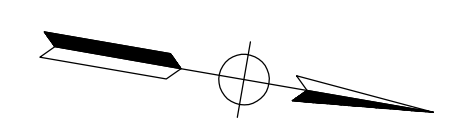
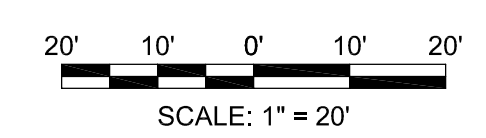
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### LIGHTING PLAN

SCALE: 1" = 20'-0"

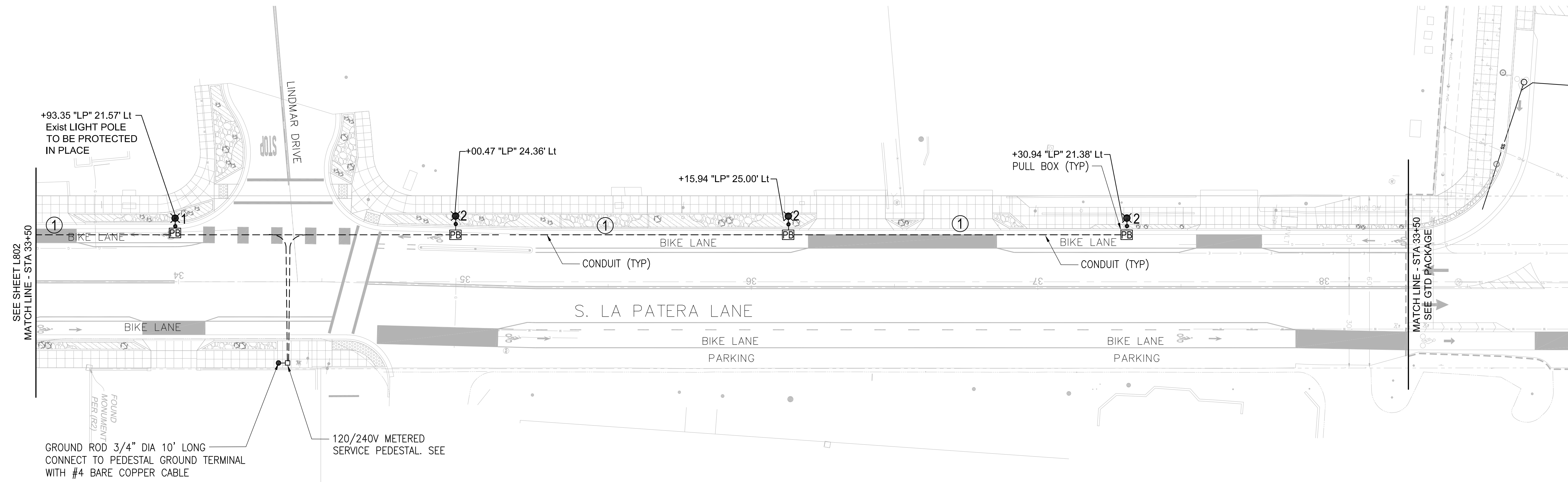


RAYMUNDO R. CRUZ  
PROJECT ENGINEER:  
R.C.E. EXP.

3/4/2024  
DATE

CITY OF GOLETA  
 SOUTH LA PATERA LANE IMPROVEMENT  
 PROJECT (FOR GOLETA TRAIN DEPOT)  
 LIGHTING PLAN - LA PATERA LANE  
 INVITATION FOR BID - 3/4/2024

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
E102  
DWG NO.  
SHEET 38 OF 40



SEE SHEET L802  
MATCH LINE - STA 33+50

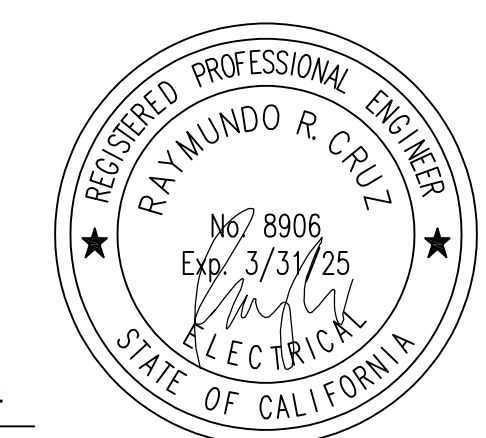
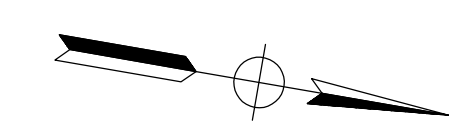
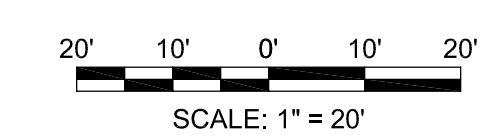
MATCH LINE - STA 33+50  
SEE GTD PACKAGE

GROUND ROD 3/4" DIA 10' LONG  
CONNECT TO PEDESTAL GROUND TERMINAL  
WITH #4 BARE COPPER CABLE

120/240V METERED  
SERVICE PEDESTAL. SEE

**LIGHTING PLAN**

SCALE: 1" = 20'-0"



RAYMUNDO R. CRUZ  
PROJECT ENGINEER:  
R.C.E. EXP.

3/4/2024  
DATE



444 S. FLOWER ST. #1658  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_  
CITY ENGINEER  
ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

NO.	INVTATION TO BID	REVISIONS

CITY OF GOLETA  
**SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
LIGHTING PLAN - LA PATERA LANE**

CIP-9079  
PBW NO.  
BID NO. SHT. DES.  
**E103**  
DWG NO.  
SHEET 39 OF 40

**INVITATION FOR BID - 3/4/2024**



444 S. FLOWER ST. #1688  
LOS ANGELES, CA 90071

PUBLIC WORKS  
DEPARTMENT  
ENGINEERING DIVISION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
CITY ENGINEER ORIGINAL SIGNED DATE \_\_\_\_\_

DESIGN: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_

DATE APPROVED: 3/04/24

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED

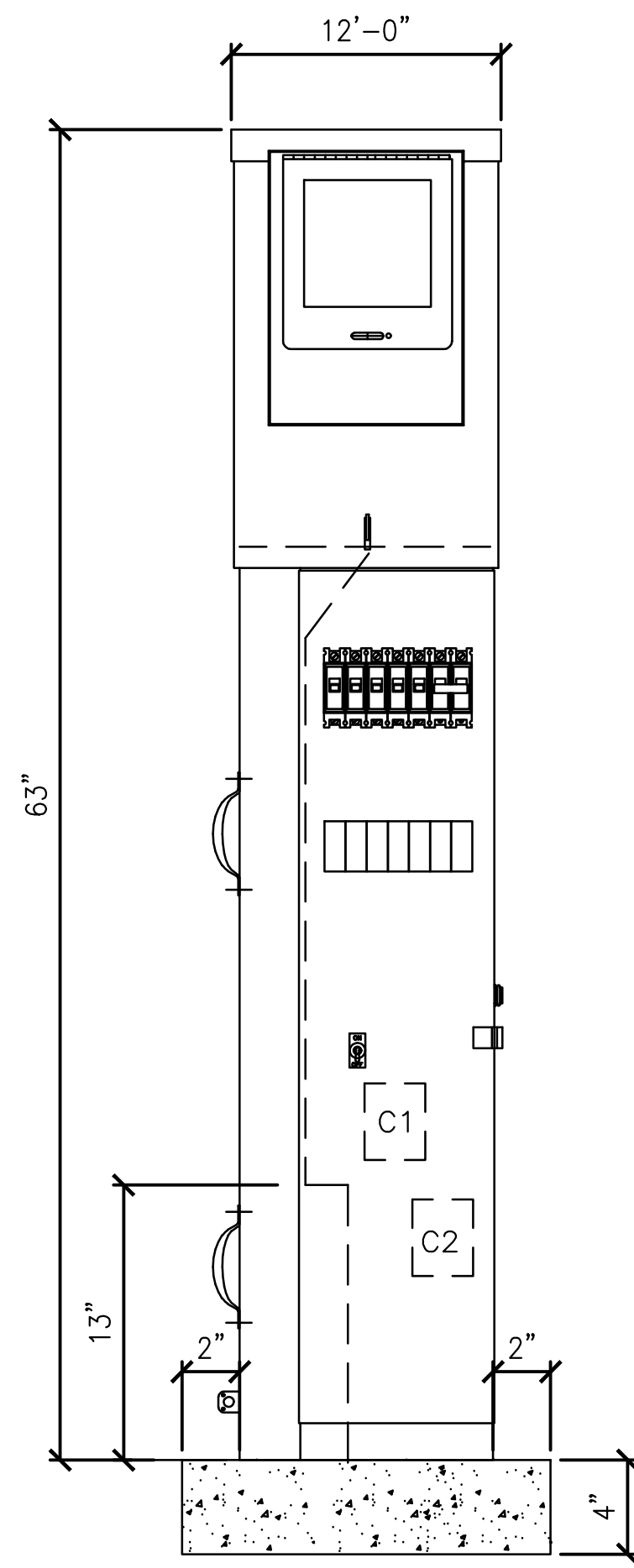
INVTATION TO BID

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED

CITY OF GOLETA  
SOUTH LA PATERA LANE IMPROVEMENT  
PROJECT (FOR GOLETA TRAIN DEPOT)  
Wiring Diagram & Details

INVTATION FOR BID - 3/4/2024

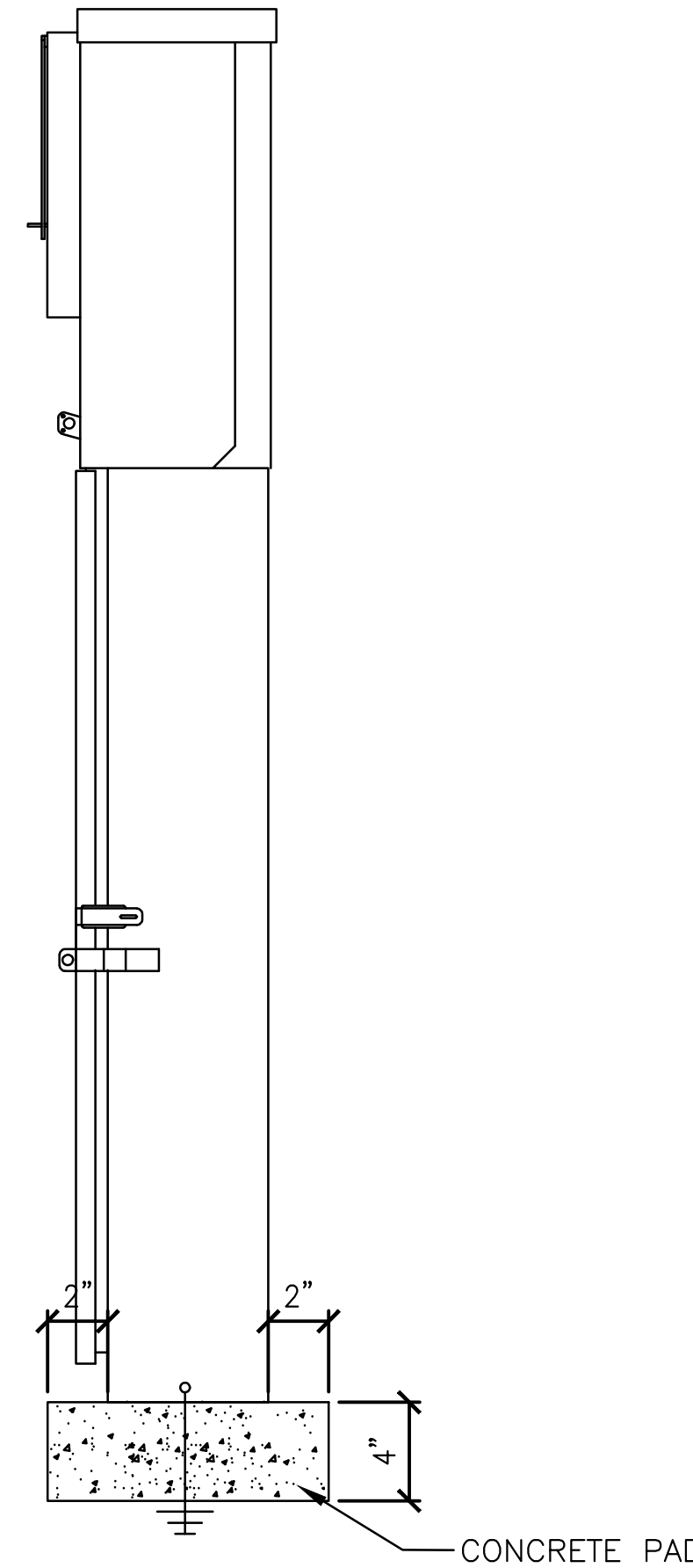
CIP-9079	PBW NO.
BID NO.	SHT. DES.
<b>E104</b>	DWG NO.
SHEET 40	OF 40



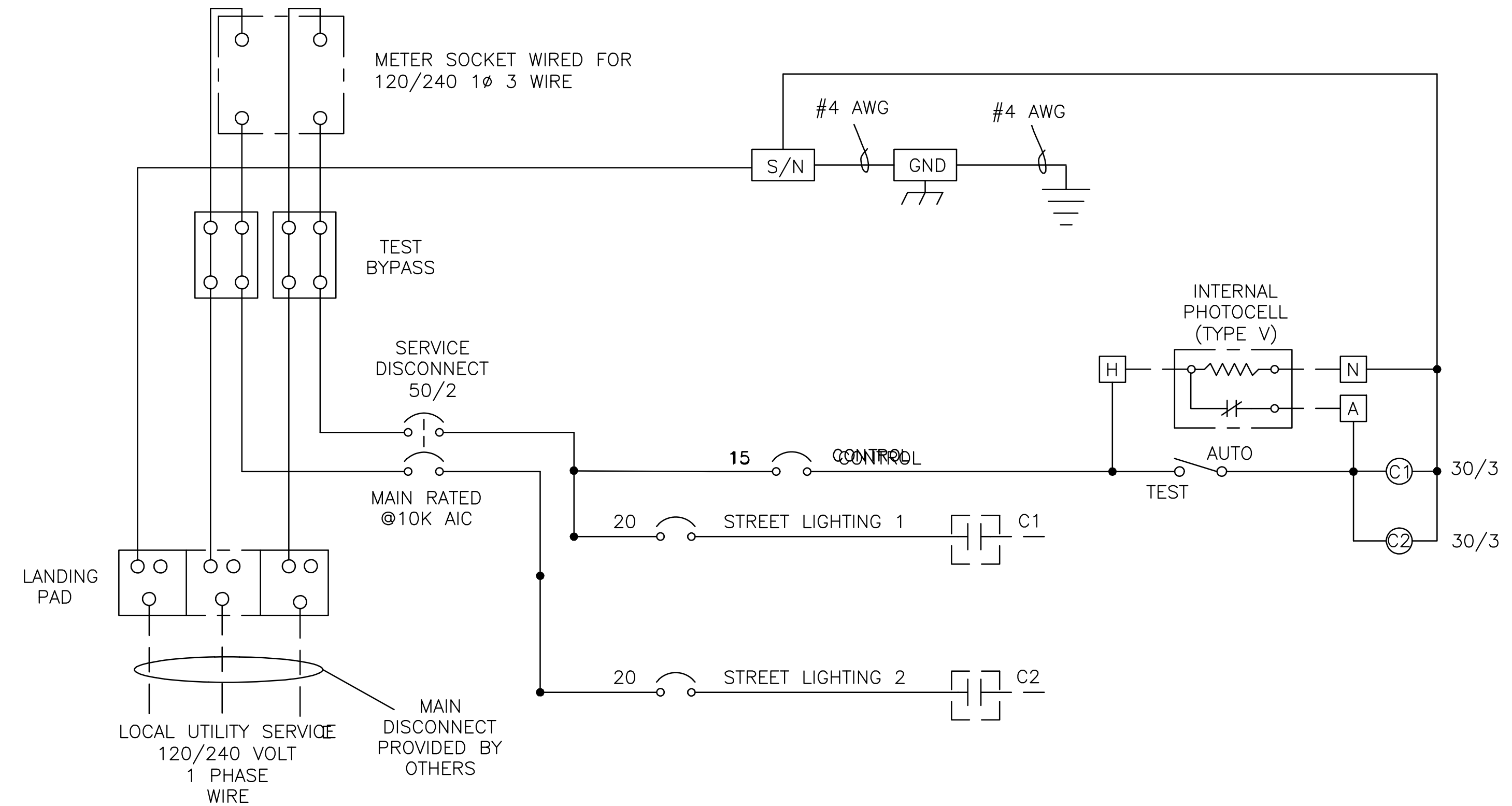
FRONT VIEW

METERED SERVICE PEDESTAL DETAIL  
SCALE: N.T.S.

1  
E104



RIGHT SIDE



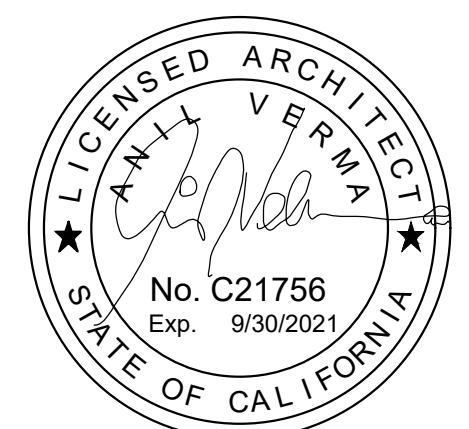
NOTE: LOAD CURRENT FOR ALL BREAKERS NOT TO EXCEED 80% OF BREAKER AMPERAGE

WIRING DIAGRAM  
SCALE: N.T.S.

2  
E104

**ENCLOSURE CONSTRUCTION NOTES:**

- EXTERIOR 1/8" ALUMINUM, AND INTERIOR 14 GA COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- CONSTRUCTION WILL BE NEMA 3R, RAIN TIGHT.
- ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
- NUTS, BOLTS & SCREWS WILL BE STAINLESS STEEL.
- NAMEPLATES WILL BE PROVIDED AS REQUIRED.
- CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
- A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA AND UL 508A STANDARDS.
- ANODIZE AFTER FABRICATION.



RAYMUNDO R. CRUZ  
PROJECT ENGINEER:  
R.C.E. EXP.

3/4/2024  
DATE