

STANDARD REQUIREMENTS

- ALL WORK, UNLESS OTHERWISE SPECIFIED, SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION AND SUPPLEMENTS OF THE "STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION", SAN DIEGO REGIONAL STANDARD DRAWINGS AND CITY OF SOLANA BEACH ENGINEERING CONSTRUCTION STANDARDS.
- WORK ZONE TRAFFIC CONTROLS THROUGHOUT PERMIT CONSTRUCTION SHALL CONFORM TO THE LATEST CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES".
- BEFORE WORK ON ANY SEWER LINE BEGINS, A PERMIT MUST BE ISSUED BY THE SOLANA BEACH ENGINEERING DEPARTMENT. FOR INFORMATION ON SEWER PERMITS, PLEASE CALL (858) 720-2470.
- PARKING RESTRICTIONS, AS APPROVED BY CITY ENGINEER, SHALL REQUIRE A MINIMUM OF 48 HOURS NOTICE, EXCLUDING HOLIDAYS AND WEEKENDS.
- TRAFFIC LANE RESTRICTIONS AND DETOURS MAY OCCUR ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M., AND ARE SUBJECT TO REVIEW OF THE CITY ENGINEER. EXCAVATIONS SHALL BE BACKFILLED OR OTHER ADEQUATE MEANS PROVIDED TO MAINTAIN EXISTING TRAFFIC LANES OTHER THAN DURING THESE HOURS.
- ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON ALL MAJOR AND SECONDARY HIGHWAYS.
- A MINIMUM 4' WIDE PEDESTRIAN WALKWAY, CLEAR OF ANY OBSTRUCTION SHALL BE MAINTAINED WHEREVER SIDEWALKS EXISTS AND MUST BE MAINTAINED WITH SAFETY FENCING OR BARRIER SEPARATION FROM ADJACENT EXCAVATION WHEN LEFT UNMANNED.
- ANY DAMAGE TO TRAFFIC CONTROL EQUIPMENT, TRAFFIC STRIPING OR RAISED PAVEMENT MARKERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE INSPECTOR. THE REPLACEMENT OF DAMAGED TRAFFIC EQUIPMENT, STRIPING OR RAISED PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND BE DONE AS SOON AS PRACTICAL AFTER COMPLETION OF WORK.
- A.C. PAVEMENT SHALL BE COLD MILLED BEYOND THE EDGE OF THE TRENCH PER SDRSD G-24A & B. CONCRETE SECTIONS TO BE REPLACED SCORELINE TO SCORELINE.
- PERMANENT PAVEMENT REPAIRS SHALL BE MADE WITHIN 25 DAYS AFTER EXCAVATION WORK IS COMPLETED. INSPECTOR'S APPROVAL IS REQUIRED BEFORE PERMANENT REPAIRS ARE MADE.
- WHEN PERMITTEE TUNNELS UNDER EXISTING CURBS, GUTTERS AND SIDEWALKS, THE EXCAVATED TRENCH SHALL BE BACKFILLED WITH CEMENT GROUT AS PRESCRIBED IN THE STANDARD SPECIFICATIONS.
- WHEN COMPACTION TESTS ARE REQUIRED, ALL COSTS ARE TO BE BORNE BY THE PERMITTEE.
- A ONE-SACK CEMENT AND SLURRY MIXTURE MAY BE REQUIRED FOR COMPACTION WHERE EXCAVATION INTERFERES WITH TRAFFIC FLOW OR WHERE WORK IS WITHIN THE ROADWAY PORTION OF AN INSPECTION.
- TREE TRUNKS SHALL BE CUT TO WITHIN 4" OF CURB HEIGHT AND SAID TRUNK AND ALL ROOTS SHALL BE GROUND TO A DEPTH OF 18" BELOW GRADE BY A MECHANICAL STUMP GRINDER TO THE SATISFACTION OF THE PUBLIC WORKS SUPERINTENDENT. ALL WOOD CHIPS SHALL BE REMOVED AND THE HOLE FILLED AND COMPACTED WITH TOPSOIL.

GENERAL NOTES

- A PERMIT SHALL BE OBTAINED FROM THE CITY OF SOLANA BEACH ENGINEERING DEPARTMENT FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE STRUCTURAL SECTION SHALL BE APPROVED BY THE CITY OF SOLANA BEACH AND AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- ALL UNDERGROUND UTILITIES WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS GUTTER AND PAVING.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER, WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- LOCATIONS AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- THE CONTRACTOR SHALL NOTIFY DIG ALERT AT 811 PRIOR TO STARTING WORK AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
- NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
- PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. CITY ENGINEER'S SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS (IF APPLICABLE).
- THE CONTRACTOR SHALL REQUEST FROM THE CITY ENGINEER'S OFFICE A PRE-CONSTRUCTION MEETING AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE FOR SUCH A MEETING.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES AND ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
- POWER SOURCES AND RUNS SERVING STREETLIGHTS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT OF WAY OR WITHIN EASEMENT DEDICATED TO THE CITY OF SOLANA BEACH.

LOMAS SANTA FE CORRIDOR IMPROVEMENTS

TRANSFER OF RESPONSIBILITY

IF RESPONSIBLE PROFESSIONALS (CIVIL ENGINEER, SOIL ENGINEER, ENGINEERING GEOLOGIST, THE TESTING AGENCY, THE CONTRACTOR OR OTHER PROFESSIONAL) OF RECORD ARE CHANGED DURING THE COURSE OF THE WORK, THE WORK SHALL BE STOPPED UNTIL:

- THE OWNER SUBMITS A LETTER OF NOTIFICATION VERIFYING THE CHANGE OF THE RESPONSIBLE PROFESSIONAL; AND
- THE NEW RESPONSIBLE PROFESSIONAL SUBMITS IN WRITING THAT HE/SHE HAS REVIEWED ALL PRIOR REPORTS AND/OR PLANS (SPECIFIED BY DATE AND TITLE) AND WORK PERFORMED BY THE PRIOR RESPONSIBLE PROFESSIONAL AND THAT HE/SHE ASSUMES ALL RESPONSIBILITY WITHIN HIS PURVIEW AS OF THE SPECIFIED DATE. ALL EXCEPTIONS MUST BE JUSTIFIED TO THE SATISFACTION OF THE CITY ENGINEER, WHERE CLEARLY INDICATED THAT THE FIRM, NOT AN INDIVIDUAL PROFESSIONAL IS THE CONTRACTING PARTY. THE DESIGNATED PROFESSIONAL MAY BE REASSIGNED AND ANOTHER PROFESSIONAL OF COMPARABLE ACCREDITATION WITHIN THE FIRM MAY ASSUME RESPONSIBILITY.
- THE NEW RESPONSIBLE PROFESSIONAL PROCESSING A REVISION TO THE APPROVED PLANS SHALL INCLUDE BUBBLING OUT THE REVISION AND SIGNING THE PLANS AT THE REQUIRED LOCATIONS. THE "DECLARATION OF (PROFESSIONAL TITLE) OF WORK" ON THE PLANS SHALL ALSO BE INCLUDED AND SIGNED IN THE EVENT OF A CHANGE OF PROFESSIONAL.

AS-BUILT

UPON COMPLETION, AND PRIOR TO RELEASING THE SECURITIES, THE ENGINEER OF WORK SHALL "AS-BUILT" THE ORIGINAL MYLAR PLANS INITIALLY. TWO COPIES OF RED-LINED PLANS SHOWING ALL AS-BUILT INFORMATION, INCLUDING ALL NEW UNDERGROUND FACILITIES (MAIN LINES, SERVICES AND LATERALS), IS TO BE SUBMITTED TO THE ENGINEERING DEPARTMENT. WHEN THE RED-LINES ARE APPROVED, THE ORIGINAL MYLAR PLANS WILL BE CHECKED OUT TO THE ENGINEER. THE ENGINEER SHALL MAKE THE CHANGES, SIGN EACH SHEET UNDER "AS-BUILT", AND RETURN ORIGINAL MYLARS TO THE CITY.

ENGINEER OF WORK AS-BUILT CERTIFICATE

THE INFORMATION SHOWN IS BASED ON AN ACTUAL FIELD SURVEY OF THE IMPROVEMENTS BETWEEN THE DATES OF _____ AND _____ TO THE BEST OF MY KNOWLEDGE AND EXPERIENCE THE SURVEY AND THESE PLANS PROVIDE AN ACCURATE AND CORRECT REPRESENTATION OF THE AS-BUILT CONDITIONS.

SIGNED _____ DATE _____

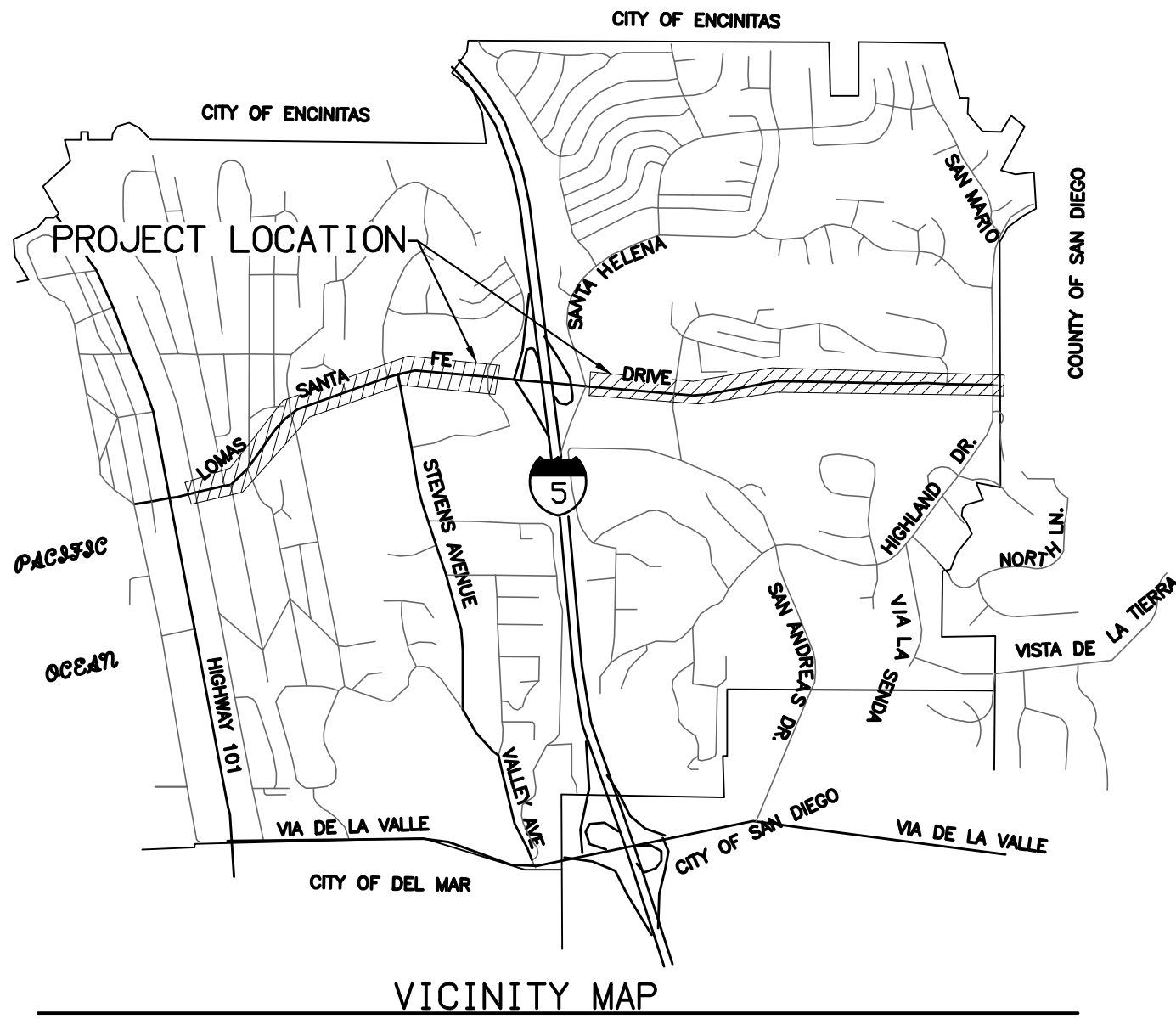
R.C.E. NO. _____ EXP. _____

CONTRACTOR'S NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICE, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITION DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD CITY OF SOLANA BEACH HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF CITY OF SOLANA BEACH PROFESSIONAL.

LIST OF ABBREVIATIONS

AB	AGGREGATE BASE	MH	MANHOLE
AC	ABANDON (TRAFFIC SHEETS ONLY)	MIN	MINIMUM
AC	ASPHALT CONCRETE	MJ	MECHANICAL JOINT
ACP	ASBESTOS CEMENT PIPE	NO	NUMBER
ADV	ADVANCE	NTS	NOT TO SCALE
APS	ACCESSIBLE PEDESTRIAN SIGNAL	PB	PULL BOX
BC	BEGIN CURVE	PCC	POINT OF COMPOUND CURVE
BCR	BEGIN CURB RETURN	POC	POINT OF CONNECTION
BK	BIKE	PRC	POINT OF REVERSE CURVE
BLVD	BOULEVARD	PROP	PROPOSED
BP	BOTTOM OF PIPE	PT	POINT
C	CONDUIT	PVC	POLYVINYL CHLORIDE PIPE
CAB	CRUSHED AGGREGATE BASE	RCP	REINFORCED CONCRETE PIPE
CAV	SEWAGE COMBINATION AIR VALVE	RMC	RIGID METALLIC CONDUIT
C&G	CURB & GUTTER	RRFB	RECTANGULAR RAPID FLASHING
CL	CENTERLINE	BEACON	BEACON
CMP	CORRUGATED METAL PIPE	RT	RIGHT
CR	CROWN	RW	RECYCLED WATER
DI	DUCTILE IRON	R/W	RIGHT-OF-WAY
DIP	DUCTILE IRON PIPE	SC	SPICE NEW TO EXISTING CONDUCTORS
DL	DETECTOR LOOP CABLE	SD	STORM DRAIN
DWG	DRAWING	SDMN	STORM DRAIN MANHOLE
EA	EACH	SDRSD	SAN DIEGO REGIONAL STANDARD DRAWINGS
EC	END CURVE		
ECR	END CURB RETURN	SF	SQUARE FEET
EVault	ELECTRIC VAULT	SFM	SEWER FORCEMAIN
EVP	EMERGENCY VEHICLE PREEMPTION	SM	SURVEY MONUMENT
EX	EXISTING	SMH	SEWER MANHOLE
F	FUEL	SNS	STREET NAMESIGN
FL	FLOW LINE	STA	STATION
FLG	FLANGE	STD	STANDARD
FO	FIBER OPTIC	SWK	SIDEWALK
FS	FINISH SURFACE	TC	TOP OF CURB
G	GAS	TP	TOP OF PIPE
GV	GAS VALVE	TELE	TELECOM
GB	GRADE BREAK	TRANS	TRANSFORMER
HOPE	HIGH DENSITY POLYETHYLENE	TS	TRAFFIC SIGNAL
HORIZ	HORIZONTAL	TYP	TYPICAL
HP	HIGH POINT / HIGH PRESSURED	VERT	VERTICAL
IRR	IRRIGATION	VWD	VALLECITOS WATER DISTRICT
IRV	IRRIGATION VALVE	W	WATER
IE	INVERT ELEVATION	WM	WATER METER
LF	LINEAR FEET	WV	WATER VALVE
LK	LEFT		



SITE ADDRESS

WEST OF HWY 1-5: FROM CEDROS AVE TO SOLANA HILLS DR.
EAST OF HWY 1-5: FROM SANTA HELENA TO HIGHLAND DR.

SOURCE OF TOPOGRAPHY

TOPOGRAPHY PROVIDED BY AEROTECH MAPPING, INC. DATE FLOWN: MAY, 2019

BASIS OF BEARING

THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 6, (EPOCH 1991.35). SAID COORDINATES AND BEARINGS ARE BASED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING CONTROL POINTS PER RECORD OF SURVEY 18971 (CITY OF SOLANA BEACH SURVEY CONTROL)

STATION	NORTHING (ft.) GRID	EASTING (ft.) GRID
2001	1941484.322	6248585.851
2010	1945083.493	6253573.589

THE BASIS OF BEARINGS IS THE CALCULATED BEARING BETWEEN SAID CONTROL STATIONS 2001 & 2010. I.E. N54°11'08"E
COORDINATES SHOWN HEREON ARE GROUND AND IN TERMS OF THE U.S. SURVEY FOOT.
CONTROL STATION #130: GRID DISTANCE = GROUND DISTANCE X COMBINED SCALE FACTOR (0.99996480)

STATION	NORTHING (ft.) GRID	EASTING (ft.) GRID
130	1643648.598	6256070.045

BENCHMARK

THE BASIS OF ELEVATIONS FOR THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) PER RECORD OF SURVEY 18971 (CITY OF SOLANA BEACH SURVEY CONTROL). BENCHMARK DESIGNATION: #2010 ENC-48:2.5" CITY OF ENCINITAS BRASS DISC IN NORTHWEST CORNER OF CONCRETE DROP INLET IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF SANTA HELENA AND SANTA ROSITA STREETS. ELEVATION: 170.241 (NAVD88)

BOUNDARY NOTES

THE BOUNDARY AND ALL DIMENSIONS SHOWN HEREON ARE BASED ON AN UNRECORDED RECORD OF SURVEY AS PREPARED BY MICHAEL BAKER, INC. PER FIELD SURVEY PERFORMED ON APRIL 5TH - APRIL 19TH, 2019.

ENGINEER'S NOTE

UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

ENGINEER OF WORK CERTIFICATE

I, _____, HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS AND CITY OF SOLANA BEACH RESOLUTION NO. _____.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SOLANA BEACH AND ANY OTHER PUBLIC AGENCY IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME OF RESPONSIBILITIES FOR PROJECT DESIGN.

SIGNED _____ DATE _____

R.C.E. NO. _____ EXP. _____

FIRM _____

ADDRESS _____

TELEPHONE: _____

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE LATEST EDITIONS OF:

STANDARD SPECIFICATIONS

- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION INCLUDING THE REGIONAL SUPPLEMENTAL AMENDMENTS.
- CALIFORNIA DEPARTMENT OF TRANSPORTATION "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES"
- STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS

STANDARD DRAWINGS

- SAN DIEGO REGIONAL STANDARD DRAWINGS
- STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD PLANS

LEGEND

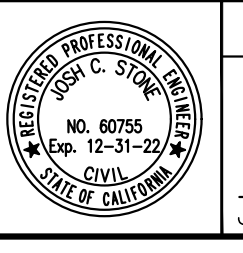
IMPROVEMENTS	STD. DWGS.	SYMBOL
6" CURB & GUTTER	SDRSD G-2	
6" MEDIAN CURB	SDRSD G-6	
EXISTING MEDIAN CURB		
CONCRETE SIDEWALK	SDRSD G-7	
2" GRIND AND OVERLAY		
12" AC PATCH		
PROPOSED RETAINING WALL		
WATER QUALITY BASIN		
LANDSCAPE AREA		
CURB RAMP W/ TRUNCATED DOMES	SDRSD G-27,28-32	
EXISTING DRIVEWAY		
PROPOSED DRIVEWAY	SDRSD G-14	
STORM DRAIN CLEANOUT - TYPE A	SDRSD D-9	
STORM DRAIN INLET - TYPE B	SDRSD D-2	
RELOCATED FIRE HYDRANT	WAS WF-01	
PROPOSED CONTOUR		
EXISTING CONTOUR		
LIMITS OF WORK/DAYLIGHT LINE		
EXISTING PROPERTY LINE		
STREET CENTERLINE		
EXISTING RIGHT OF WAY LINE		
EXISTING CONCRETE		
EXISTING EDGE OF PAVEMENT		
EXISTING WALL		
EXISTING FENCE		
EXISTING VALVE		
EXISTING FIRE HYDRANT		
EXISTING WATER METER		
EXISTING MANHOLE		
EXISTING SIGN		
EXISTING TREE TO REMAIN		
EXISTING TREE TO BE REMOVED		
EXISTING LIGHT		
PROPOSED STREET LIGHT POLE		
EXISTING M-10 SURVEY MONUMENT		

SHEET INDEX

SHEET	PLAN CODE	DESCRIPTION
1	T-1	TITLE SHEET
2	GN-1	GENERAL NOTES
3	KM-1	KEY MAP
4-5	TYP-1 TO TYP-2	TYPICAL CROSS SECTIONS
6-26	IMP-1 TO IMP-21	IMPROVEMENT PLANS & PROFILES
27-37	CD-1 TO CD-11	CONSTRUCTION DETAILS
38-41	RWALL-1 TO RWALL-4	RETAINING WALL PLANS & PROFILES
42-45	SD-1 TO SD-4	DRAINAGE PLANS & PROFILES, AND DETAILS
46-50	PD-1 TO PD-5	PAVEMENT DELINEATION PLANS
51-56	TS-1 TO TS-6	TRAFFIC SIGNAL PLANS
57-73	LDSC-1 TO LDSC-17	LANDSCAPE AND IRRIGATION PLANS

PLAN CODE T-1 By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas Suite 260
Carlsbad, CA 92008
Phone: (760) 476-9193
MBAKERINTL.COM



ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE
JOSH C. STONE RCE 60755			

RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION
By: _____ Date: _____	By: _____ Date: _____
By: _____ Date: _____	By: Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22

BENCH MARK	DESCRIPTION	ELEV.	DATUM: M.S.L.

CITY OF SOLANA BEACH ENGINEERING DEPARTMENT
DRAWING NO. **CG-3185**
IMPROVEMENT PLANS FOR: **LOMAS SANTA FE CORRIDOR**
TITLE SHEET
Sheet 1 of 73

100% PLANS - DECEMBER 10, 2021. NOT FOR CONSTRUCTION

SPECIAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES, AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

- NEITHER THE OWNER NOT THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. SAFETY FENCES SHALL BE PROVIDED BY THE CONTRACTOR WHERE REQUIRED BY THE CITY ENGINEER.
- PRIOR TO ANY CONSTRUCTION OR EXCAVATING FOR THIS CONTRACT, THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS SHALL BE CONFIRMED BY FIELD MEASUREMENT. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES LOCATIONS OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF WORK TO BE PERFORMED, EXPLORATORY EXCAVATIONS SHALL BE DONE IN ADVANCE IN ORDER TO PROVIDE SUFFICIENT TIME PRIOR TO CONSTRUCTION FOR ANY NECESSARY PERMIT REVISIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF WORK OF ANY DISCREPANCY.
- THE CONTRACTOR SHALL POTHOLE, VIDEO, UTILITY LOCATE OR UNCOVER ALL UTILITIES THAT MAYBE GRADED OVER, CONNECTED TO, JOINED, CROSSED, OR PARALLELED TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO ANY CONSTRUCTION, ANY CONFLICT OR DISCREPANCY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION, OTHERWISE THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ADDITIONAL CONSTRUCTION OR RELOCATION COSTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, RELOCATING, MAINTAINING, AND OR REMOVAL OF EXITING UTILITIES WHEN IN CONFLICT WITH PROPOSED IMPROVEMENTS.
- CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINE NOT OF RECORD OR SHOWN ON THESE PLANS. CONTRACTOR SHALL MARK ALL DISCOVERED UTILITIES ON A SET OF PLANS IN RED AND MODIFY IN RED-LINE PLANS ANY CHANGES TO EXISTING UTILITIES SHOWN ON THESE PLANS.
- WHERE TRENCHES ARE ADJACENT TO FUTURE BUILDING SITES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOIL ENGINEER WHICH TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS *AS DEFINED IN AND LIMITED IN SECTION 6735.5 OF THE BUSINESS AND PROFESSIONAL CODE OF CALIFORNIA.
- CONTRACTOR SHALL ADJUST EXISTING AND PROPOSED WATER VALVE COVERS, CLEANOUT COVERS, AND SEWER MANHOLE COVERS, ETC. TO GRADE WHERE NECESSARY.
- ANY RETAINING WALLS SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY. A SEPARATE BUILDING PERMIT AND INSPECTION WILL BE REQUIRED FROM THE BUILDING INSPECTION DEPARTMENT FOR THEIR CONSTRUCTION. TOP OF WALLS; TOP OF FOOTINGS AND WALL HEIGHTS SHOWN ON THESE PLANS ARE GENERAL IN NATURE AND SHOULD NOT BE USED IN CONSTRUCTION.
- THE BOTTOM OF ALL EXCAVATIONS SHALL BE OBSERVED BY A GEOTECHNICAL ENGINEER.
- CONTRACTOR TO REMOVE/REPLACE/RELOCATE ANY LANDSCAPING OR HARDSCAPING WHICH CONFLICTS IN ANY WAY WITH THE INSTALLATION OR PROPER FUNCTIONING OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL REPLACE ALL DESTROYED OR DAMAGED SURFACE IMPROVEMENTS EQUAL TO OR SUPERIOR.
- PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL COORDINATE PLANS WITH ALL OTHER DISCIPLINES AND NOTIFY ENGINEER OF WORK OF ANY DISCREPANCIES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR DEVELOPER TO ACQUIRE AND ENFORCE ALL NECESSARY TRAFFIC CONTROL PERMITS NEEDED TO SAFELY CONDUCT WORK IN THE PUBLIC RIGHT OF WAY. CONTRACTOR OR DEVELOPER/OWNER MUST COORDINATE ALL TRAFFIC CONTROL WITH THE AGENCY OF JURISDICTION.
- CONTRACTOR SHALL EMPLOY INDIVIDUALS WHO ARE FAMILIAR WITH ALL CODES RELATED TO THE VARIOUS AREAS OF WORK AND CONSTRUCT THE INTENT OF THESE PLANS TO MEET ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
- DURING ACTIVE CONSTRUCTION AREAS SHALL BE WATERED TO REDUCE FUGITIVE DUST.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGE, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- CONTRACTOR SHALL CONSTRUCT AREA DRAINS ABOVE FINISHED GRADE ELEVATION AND ARE TO BE ADJUSTED TO MATCH FINISHED GRADES (AS SHOWN ON THESE PLANS) AND PROVIDE POSITIVE DRAINAGE, SHALL ANY DISCREPANCY ARISE, THE CONTRACTOR IS TO NOTIFY THE ENGINEER OF WORK IMMEDIATELY.
- CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS AND UNDERCUTS FOR SOIL AMENDMENTS, SODS ETC. TO ENSURE THAT THE FINISHED GRADES ARE ESTABLISHED AS INDICATED ON THESE PLANS. THE GRADES REFLECTED HEREON SHALL BE DELIVERED AS THE FINAL CONDITION, POST LANDSCAPING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES, PADS, CURBS, INLETS AND SIDEWALKS ARE BUILT IN ACCORDANCE WITH THESE PLANS AND APPLICABLE CODES AND LAWS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CONTACTING THE ENGINEER. IF STAKING IS PROVIDED, CONTRACTOR SHALL REVIEW STAKES PRIOR TO CONSTRUCTION ITEM, COMPARE STAKES AND CUT SHEETS TO THE PLANS AND NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
- ALL CONCRETE REMOVALS SHALL BE TO THE NEAREST WEAKENED PLANE JOINT, UNLESS OTHERWISE DELINEATED ON PLAN.
- CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD OF MONUMENTS OF ANY SURVEY MONUMENTS DAMAGED DURING CONSTRUCTION MONUMENTS SHALL BE REPLACE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR TO PROTECT ALL EXISTING SIGNS IN PLACE AND REPLACE ANY SIGNS DAMAGED DURING CONSTRUCTION.
- PROVIDE 36 INCHES MINIMUM COVER (FINISH GRADE TO TOP OF PIPE) OVER FIRE SERVICE. UNLESS OTHERWISE NOTED ON PLANS.

SPECIAL NOTES (CONT.)

- CONTRACTOR SHALL POTHOLE ALL WET UTILITY CROSSINGS PRIOR TO CONSTRUCTION TO ENSURE EXISTING IMPROVEMENTS ALIGNMENT AND GRADE CONFORMANCE TO PLANS. IF DISCREPANCIES ARE NOTICED, NOTIFY ENGINEER OF WORK PRIOR TO INSTALLATION SO ENGINEER CAN MAKE ADJUSTMENTS TO ALIGNMENT AND/OR GRADE OF PROPOSED IMPROVEMENTS.
- CONTRACTOR TO RESTRIPE ALL DESTROYED, DAMAGED AND/OR REMOVED PAVEMENT MARKINGS DURING CONSTRUCTION IN KIND, ANY DAMAGED THERMAL STRIPES/LEGENDS SHALL BE REMOVED BY GRINDING AND REPLACED IN WHOLE IN KIND.
- THE CONTRACTOR SHALL CHECK DRAINAGE PATTERNS BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT, GUTTERS OR CURBS DURING FORMWORK OF PROPOSED IMPROVEMENT. 1% MINIMUM GRADES SHALL BE MAINTAINED IN PROPOSED PAVEMENT SURFACES DRAINING TOWARDS ACCEPTING AREA. FORMS SHALL BE CHECKED AND ADJUSTED PRIOR TO POURING CONCRETE. ENGINEER OF RECORD SHALL BE NOTIFIED TO INSPECT ALL FORMS PRIOR TO POURING CONCRETE. CONTRACTOR SHALL ADJUST FORMS PER ENGINEERING OF RECORD'S DIRECTION.
- CONTOURS SHALL BE USED AS GRADE BREAKS.

STRIPING AND SIGNING GENERAL NOTES

- THE CONTRACTOR SHALL STRIPE AND REPLACE ALL EXISTING STRIPING AND PAVEMENT MARKERS AS SHOWN ON THE PLANS.
- NEW STRIPING SHALL BE APPLIED IN 2 COATS. EXISTING STRIPING TO REMAIN MAY BE PAINTED OVER WITH ONE COAT.
- THE CONTRACTOR SHALL REMOVE BY MECHANICAL MEANS ALL CONFLICTING STRIPING, MARKERS AND PAVEMENT LEGENDS WITHIN THE AREA OF THE NEW STRIPING.
- ALL DEBRIS TO BE REMOVED AT THE END OF EACH WORK DAY.
- STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO SECTIONS 84 AND 85 OF THE CALTRANS STANDARD SPECIFICATIONS. ALIGNMENT AND LAYOUT IS SUBJECT O CITY OF SOLANA BEACH ENGINEERING DEPARTMENT APPROVAL.
- PAINT FOR TRAFFIC STRIPS SHALL BE RAPID DRY WATERBORNE, WHITE AND YELLOW 8010-42L-30 OR 8010-61G-10. GLASS BEADS SHALL CONFORM TO STANDARD SPECIFICATIONS NUMBER 8010-51J-22 (TYPE 1 - MOISTURE PROOF).
- THINNING OF PAINT WILL NOT BE ALLOWED.
- THERMOPLASTIC SHALL BE USED FOR PAVEMENT LEGENDS AND CROSSWALKS.
- INSTALL REFLECTIVE PAVEMENT MARKERS WHERE MISSING IN EXISTING PAVING.
- ARROWS PER CALTRANS TYPE 1 (10'), TYPE I & TYPE VII.
- SIGNING SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CALIFORNIA MUTCD, 2012 EDITION), CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THESE PLANS.
- THE CONTRACTOR SHALL RESTORE OR REPLACE ALL EXISTING IMPROVEMENTS DISTURBED DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO STREET STRIPING, RAISED PAVEMENT MARKERS, LANDSCAPING, AND SIGNS.
- SIGN STRUCTURES AND ROADSIDE SIGNS SHALL BE AS SPECIFIED IN SECTION 56 OF THE STATE STANDARD SPECIFICATIONS EXCEPT AS HEREIN MODIFIED.
- STREET NAME SIGNS SHALL BE PER CA MUTCD SPECIFICATIONS.
- ALL SIGNS SHALL BE REFLECTIVE PER CA MUTCD SPECIFICATIONS.
- ALL REGULATORY AND WARNING SIGNS SHALL BE CONSTRUCTED TO THE STANDARD SIZE AND SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
- SIGNS SHALL BE INSTALLED AS PER THESE SPECIFICATIONS AND FACING TRAFFIC IN THE LANE ADJACENT TO WHICH THE SIGN IS INSTALLED. ALL OTHER SIGNS SHALL BE INSTALLED AT AN ANGLE TOWARD THE TRAVELED WAY PER THE SIGN MANUFACTURER'S REFLECTIVE REQUIREMENTS.
- SIGNS IN THE MEDIUM AREA SHALL BE PLACED MIDWAY BETWEEN CURBS. THESE SIGNS SHALL BE MOUNTED NO CLOSER THAN 12 INCHES FROM THE EDGE OF PAVEMENT, AND NO FURTHER THAN 6 FEET FROM, THE EDGE OF THE TRAVELED WAY WHICH THE SIGN FACES.
- THE MINIMUM MOUNTING HEIGHT FOR ALL SIGNS LOCATED WITHIN A PEDESTRIAN PATH OF TRAVEL SHALL BE SEVEN FEET MEASURED FROM THE BOTTOM OF THE SIGN TO THE NEAR EDGE OF THE PAVEMENT.
- THE MOUNTING HEIGHT OF ROUNDABOUT DIRECTIONAL ARROWS INSTALLED IN THE CENTER ISLAND SHALL BE 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY.
- SIGNS SHALL BE INSTALLED ON STREET LIGHT POLES WHERE APPLICABLE AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL NOTES

TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR FOR HIS WORK. TRAFFIC CONTROL SHALL CONFORM TO THE CALTRANS TRAFFIC MANUAL, TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE, AND THE REGIONAL STANDARD DRAWINGS. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND RECEIVE CITY APPROVAL FOR TRAFFIC CONTROL THAT DIFFERS FROM THOSE PLANS INCLUDED IN THE REGIONAL STANDARD DRAWINGS.

EXISTING UTILITY NOTE

THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS IS BASED ON AVAILABLE AS-BUILT RECORD INFORMATION WHICH MAY OR MAY NOT BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT 1-800-227-2600.

STORM DRAIN MARKERS

- ALL NEW OR REPLACED STORM DRAIN INLETS SHALL HAVE A TILE PERMANENTLY AFFIXED ON THE CURB FACE OF EACH SIDE OF THE INLET OPENING WITH THE FOLLOWING MESSAGE ON IT: "NO DUMPING, THIS DRAINS TO OCEAN," INCLUDING A FISH STENCIL.
- THE SIZE, COLOR AND DESIGN SHALL BE SUBJECT TO APPROVAL BY THE CITY ENGINEER. THE TILE MARKER SHALL CONSIST OF A HEAT-FIRED, VITREOUS, CERAMIC BASE AND A HEAT-FIRED, OPAQUE, GLAZED SURFACE. THE BOTTOMS OF THE TILE MARKER SHALL BE FREE FROM GLOSS OR GLAZE AND SHALL HAVE A NUMBER OF INTEGRALLY FORMED PROTRUSIONS PROJECTING FROM THE SURFACE IN A UNIFORM PATTERN.
- THE TILE MARKER SHALL BE APPLIED WITH AN EPOXY ADHESIVE TO MEET SERVICE REQUIREMENTS FOR HIGHWAY CONSTRUCTION. THE PORTION OF CURB FACE SURFACE TO WHICH THE TILE MARKER IS TO BE BONDED BY THE ADHESIVE SHALL BE FREE OF DIRT, CURING COMPOUND, GREASE, OIL, MOISTURE, LOOSE OR UNSOUND LAYERS, PAINT AND OTHER MATERIAL WHICH WOULD ADVERSELY AFFECT THE BOND OF THE ADHESIVE.

PAVING NOTES

- FINAL STREET STRUCTURAL SECTION SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF BASE MATERIAL. THE DESIGN SHALL BE BASED ON THE "R" VALUE METHOD AND SHALL INCLUDE ALL SUPPORTING CALCULATIONS AND TEST RESULTS. THE TRAFFIC INDEX (T.I.) AND MINIMUM STRUCTURAL SECTIONS SHALL BE USED IN ACCORDANCE WITH THE CITY OF SOLANA BEACH ENGINEERING CONSTRUCTION STANDARDS STREET STRUCTURAL SECTION DESIGN TABLE.
- A COMPACTION REPORT FROM A REGISTERED CIVIL ENGINEER CERTIFYING ALL ROADWAY AND UTILITY TRENCHING HAS BEEN COMPACTED TO THE MINIMUM REQUIREMENTS SPECIFIED IN THE STANDARDS SPECIFICATION FOR PUBLIC WORK CONSTRUCTION AND THE RECOMMENDATIONS OF THE SOIL ENGINEERING CONTAINED IN THE PROJECT'S SOILS REPORT.

UTILITY COORDINATION



THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE FOLLOWING OWNERS OF SAID UTILITIES OR STRUCTURES PRIOR TO ANY EXCAVATION, FOR VERIFICATION AND LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK:

A. SEWERS - CSD/ESD	(760) 633-2770
B. GAS & ELECTRIC - SDGE	(760) 438-6200
C. WATER - SAN DIEGUITO WATER DISTRICT	1-800-227-2600
D. TELEPHONE - SBC BELL	(760) 489-3411
E. CABLE TV - COX COMMUNICATIONS	(760)806-9809 X-2233
F. AT&T TELEPHONE COMPANY	(858)-886-2863

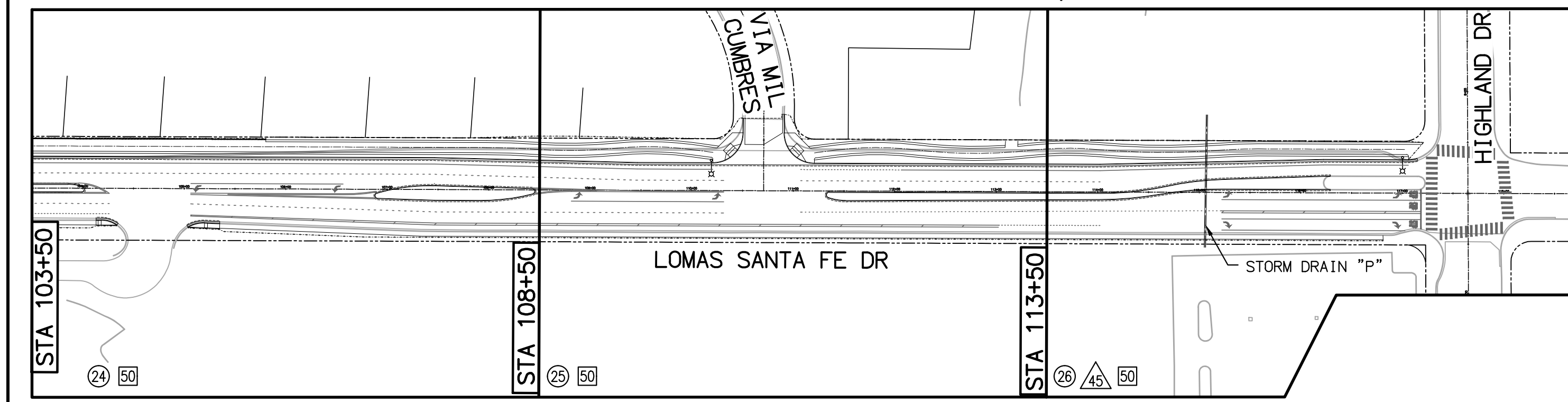
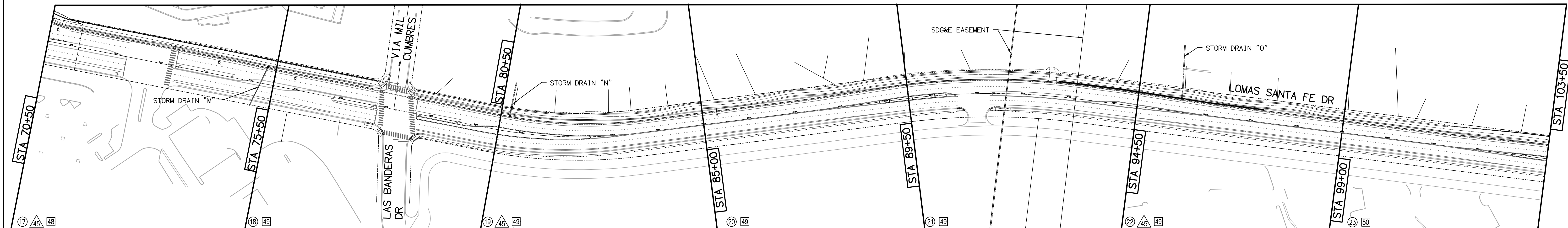
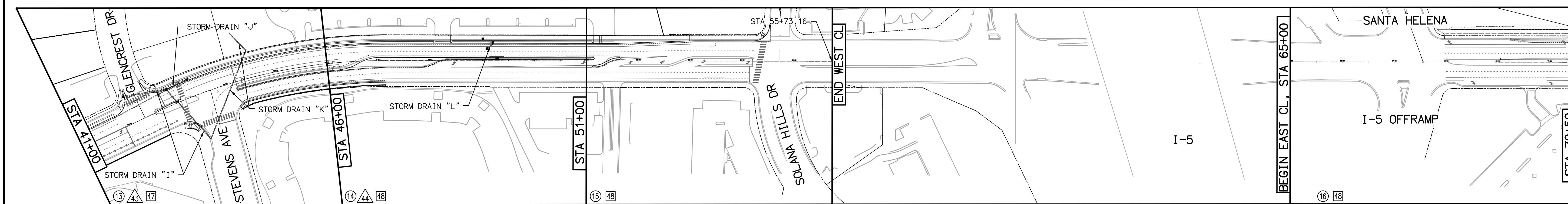
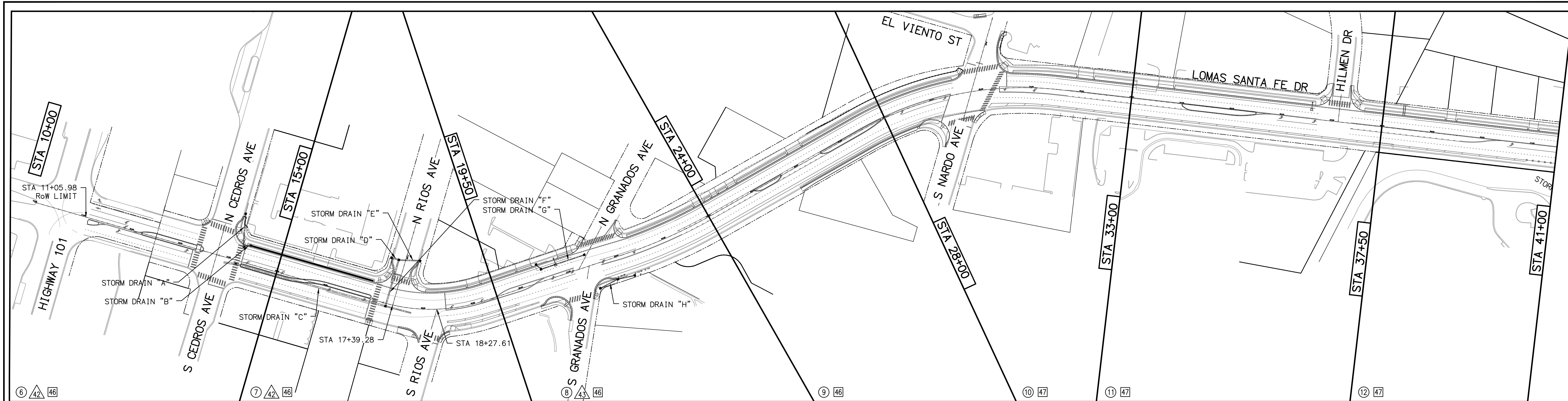
TRAFFIC SIGNAL GENERAL NOTES

- DETECTOR, POLE, AND PULL BOX LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CONTRACTORS SHALL OBTAIN APPROVAL FOR LOCATIONS PRIOR TO FINAL PLACEMENT.
- THE SHOWN LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL SUBSTRUCTURES, WHETHER SHOWN HERE IN OR NOT AND PROTECTING THEM FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT OF SAID SUBSTRUCTURES SHALL BE BORNE BY THE CONTRACTOR. HAND DIG FOUNDATIONS UNTIL CLEAR OF SUBSTRUCTURES. IF REQUIRED TO PROTECT UTILITIES, PHONE "UNDERGROUND SERVICE ALERT" AT (800) 422-4133.
- ALL NEW LOOP DETECTORS SHALL BE TYPE E LOOPS AND CENTERED IN LANE UNLESS SHOWN OTHERWISE. INSTALL TYPE F LOOP DETECTORS ON ALL FRONT LOOPS AS SHOWN ON THIS PLAN. SEE SAWCUT AND WINDING DETAIL THIS SHEET.
- ALL TRAFFIC SIGNAL, HIGHWAY LIGHTING, SIGNING AND STRIPING SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS AND SPECIFICATIONS, 2018 EDITION.
- ALL ABBREVIATIONS AND SYMBOLS USED ARE SHOWN ON CALTRANS STANDARD PLAN AS DEFINED ON PLAN.
- ALL LOCATIONS OF DETECTOR LOOP, SIGNAL POLE AND CABINET REQUIRE ENGINEER'S APPROVAL PRIOR TO SAW CUTTING OR EXCAVATION.
- CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS AND CABLES REQUIRED FOR THE INTENDED OPERATION.
- UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT REQUIRED FOR THE INTENDED OPERATION.
- IT IS REQUIRED TO MAINTAIN SIGNAL OPERATION INCLUDING SIGNAL INTERCONNECT DURING MODIFICATION OF EXISTING TRAFFIC SIGNAL SYSTEM.
- ALL CONSTRUCTION OPERATIONS SHALL BE LIMITED TO THE PERIOD BETWEEN 9:00AM AND 3:00PM, MONDAY THROUGH FRIDAY, UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER.
- CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGH THE CONSTRUCTION AREA AND PROVIDE ALL NECESSARY CONSTRUCTION WARNING SIGNS AND MARKINGS REQUIRED. CONTRACTOR IS TO SUBMIT A TRAFFIC CONTROL PLAN BEFORE ANY WORK IS STARTED.

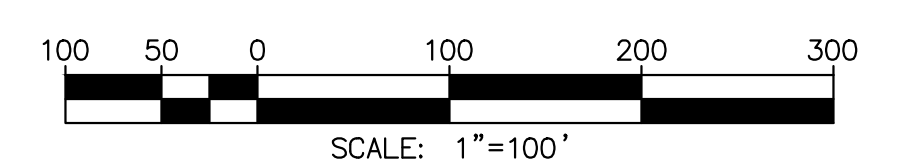
AS-BUILT
PLAN CODE By: _____ Date: _____
 GN-1 R.C.E.: _____ Exp: _____

 5050 Avenida Encinas Suite 260 Carlsbad, CA 92008 Phone: (760) 476-9193 MBAKERINTL.COM		ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SOLANA BEACH IMPROVEMENT PLANS FOR: LOMAS SANTA FE CORRIDOR	ENGINEERING DEPARTMENT	DRAWING NO.
		JOSH C. STONE RCE 60755					By: _____ Date: _____	By: _____ Date: _____ Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22		ELEV.: _____ DATUM: M.S.L.	GENERAL NOTES

100% PLANS - DECEMBER 10, 2021. NOT FOR CONSTRUCTION



KEY MAP LEGEND
 (X) IMPROVEMENT PLAN SHEET NUMBER
 (A) STORM DRAIN PLAN SHEET NUMBER
 (S) SIGNING AND STRIPING PLAN SHEET NUMBER



PLAN CODE
 AS-BUILT
 By: _____ Date: _____
 R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
 5050 Avenida Encinas Suite 260
 Carlsbad, CA 92008
 Phone: (760) 476-9193
 M.BAKERINTL.COM



ENGINEER OF WORK
 JOSH C. STONE RCE 60755 DATE _____

CITY APPROVED CHANGES
 APP'D DATE _____

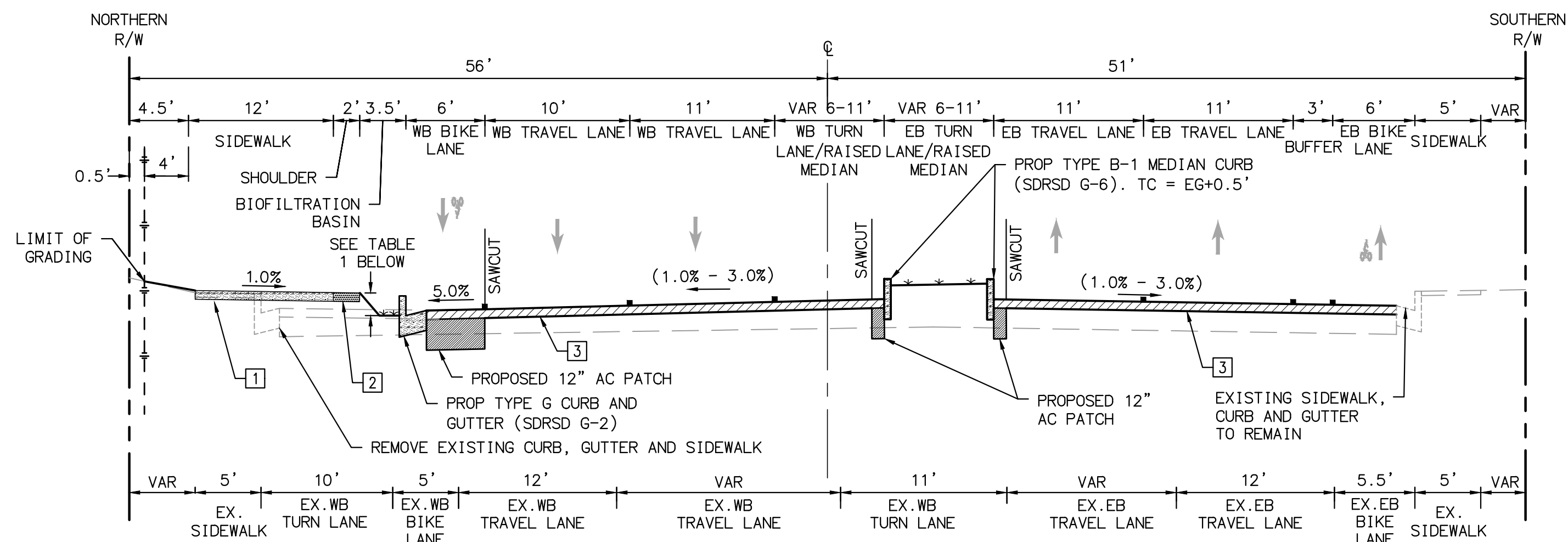
RECOMMENDED FOR APPROVAL
 By: _____ Date: _____
 By: _____ Date: _____

APPROVED FOR CONSTRUCTION
 By: Mohammad Sammak, City Engineer
 R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
 DESCRIPTION: _____
 LOCATION: _____
 ELEV.: _____ DATUM: M.S.L.

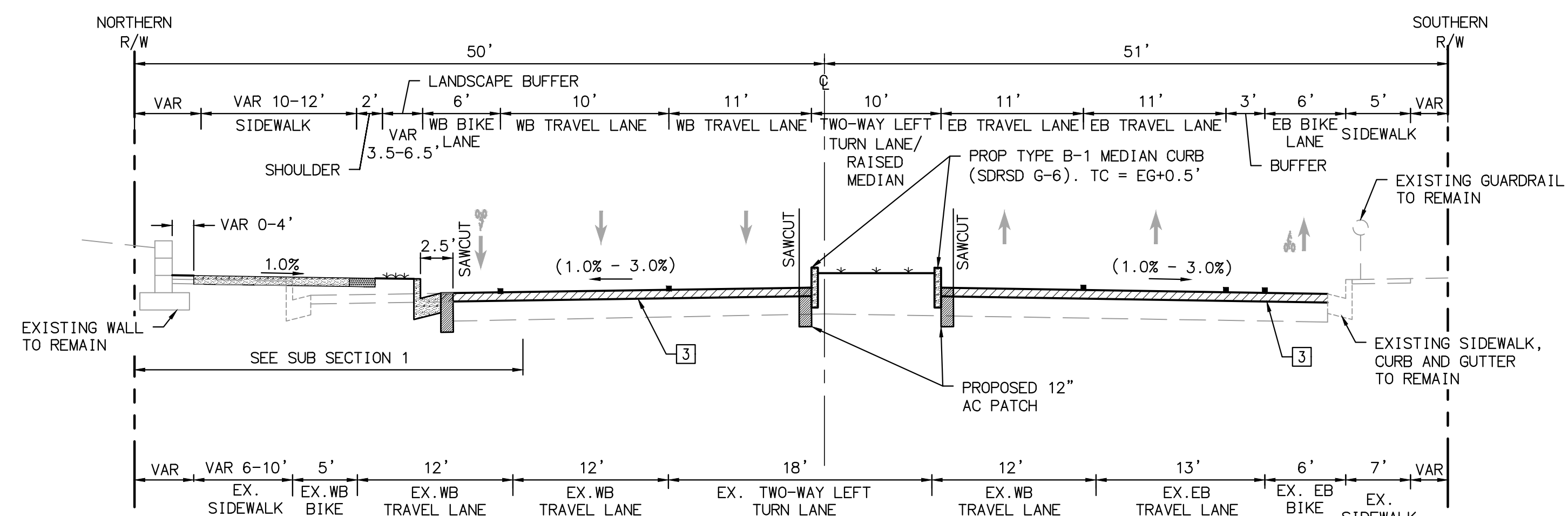
CITY OF SOLANA BEACH
 IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
 KEY MAP
CG-3185
 Drawing No. Sheet 3 of 73

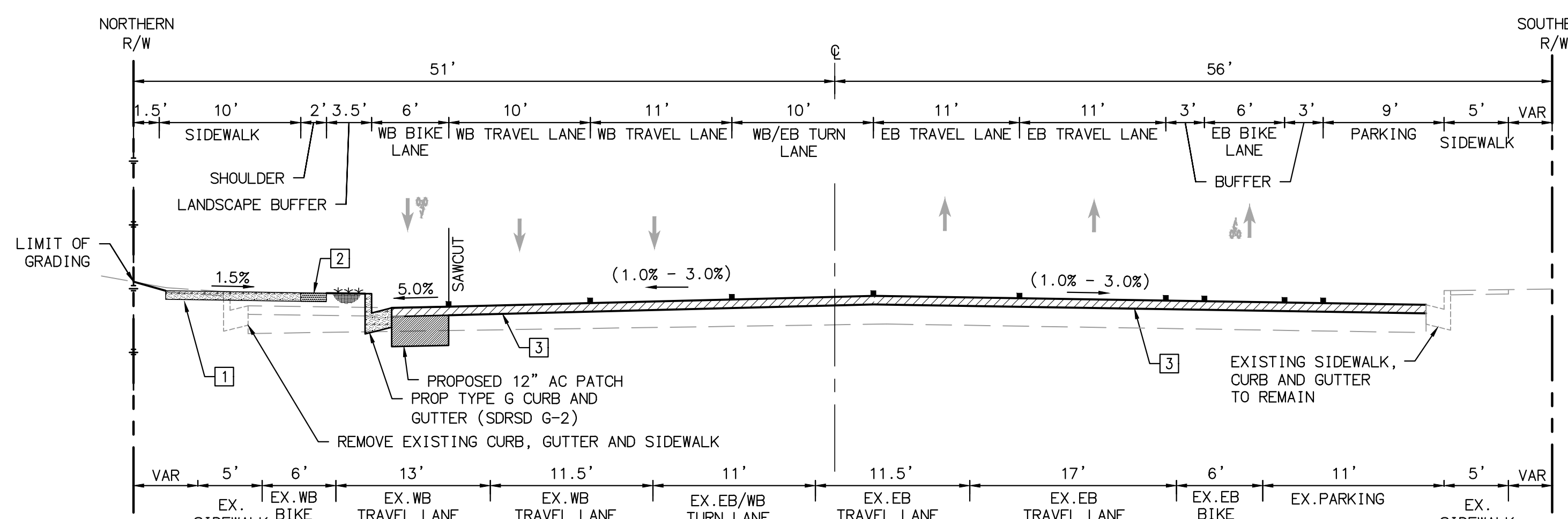


STATION	VERTICAL DISTANCE FROM FL TO EDGE OF DG SHOULDER
15+00.00 - START TRANSITION	0.55'
15+50.00 - END TRANSITION	0.22'
16+25.00 - START TRANSITION	0.22'
16+75.00 - END TRANSITION	0.55'

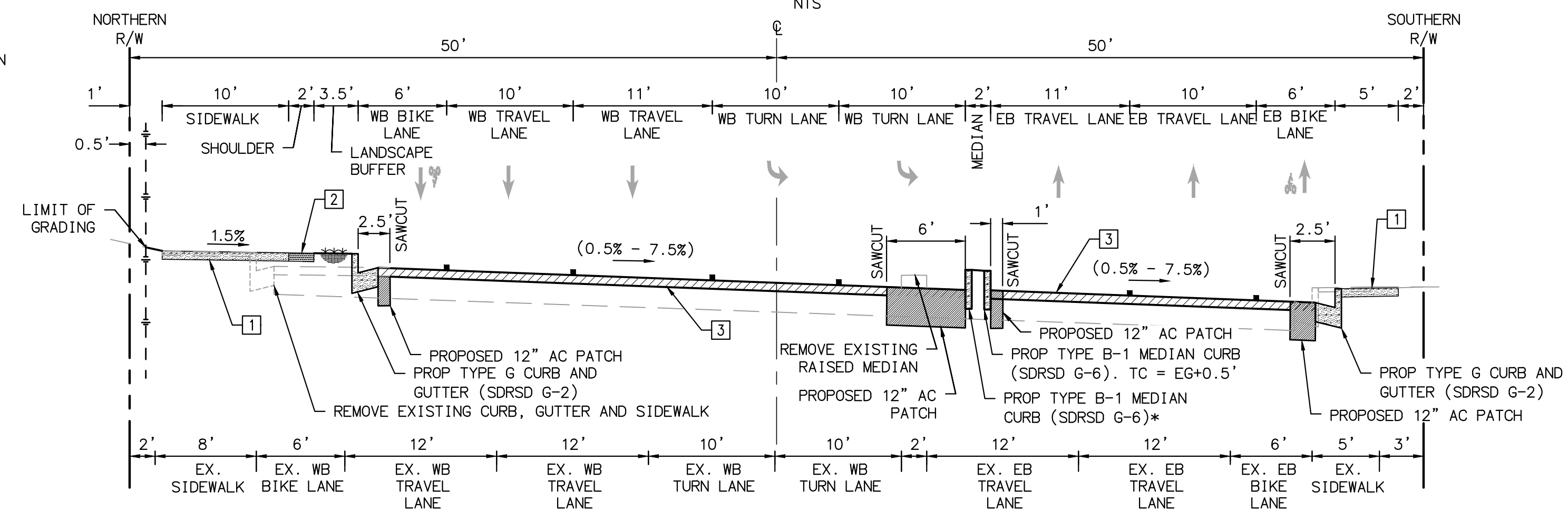
**LOMAS SANTA FE
(CEDROS TO RIOS)
STA 13+75.91 TO 17+39.28**
NTS



**LOMAS SANTA FE
(NARDO TO STEVENS)
STA 29+80.42 TO 44+36.40**
NTS

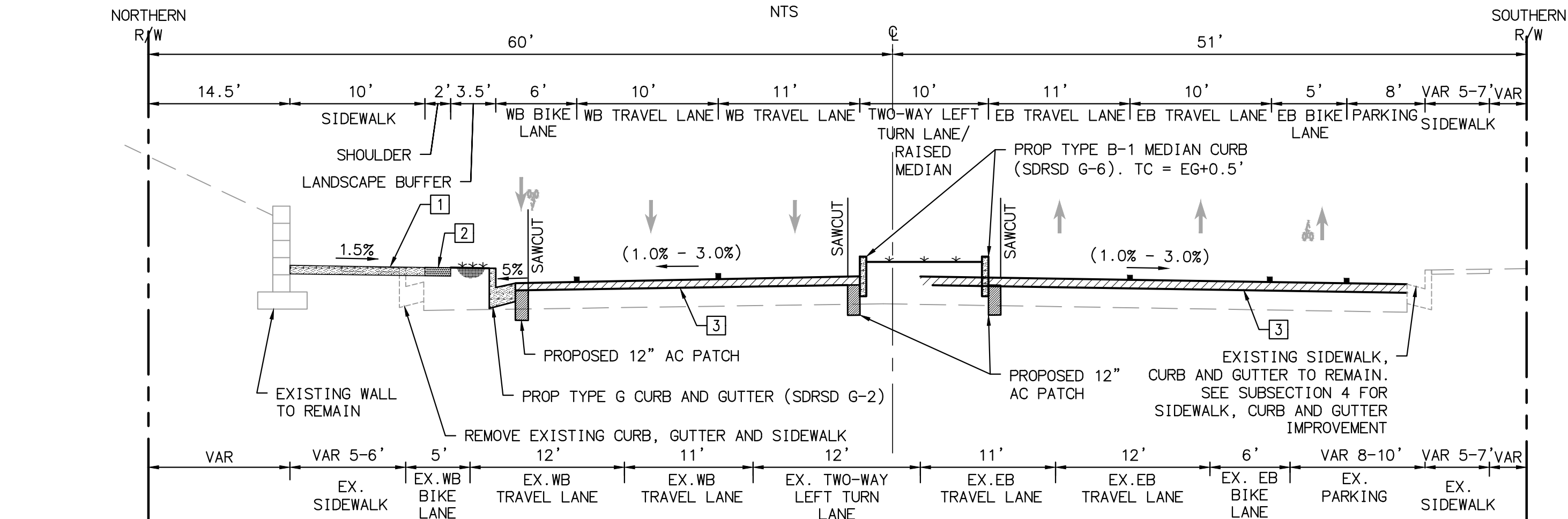


**LOMAS SANTA FE
(RIOS TO GRANADOS)
STA 17+39.28 TO 21+42.84**
NTS

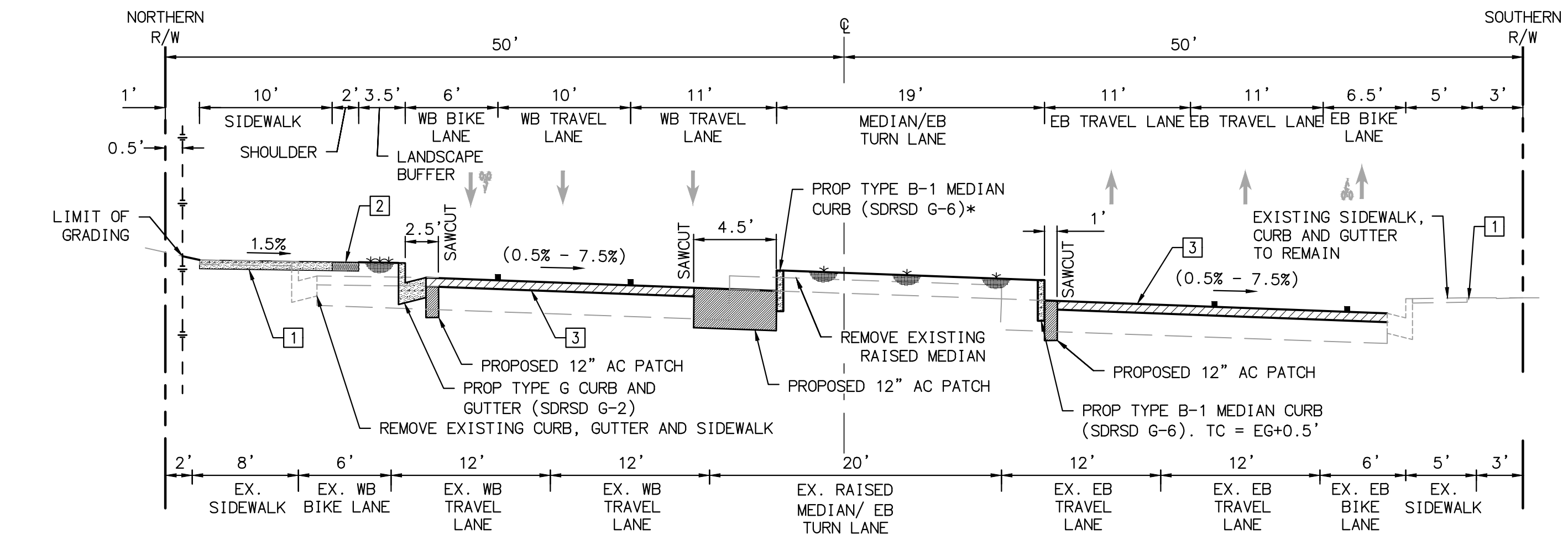


**LOMAS SANTA FE
(STEVENS TO SOLANA HILLS)
STA 44+36.40 TO 46+25.00**
NTS

*STA 44+20.63 TO 51+13.73, SEE PROFILE ON SHEETS IMP-8 TO IMP-10 FOR NORTH MEDIAN TC ELEVATIONS



**LOMAS SANTA FE
(GRANADOS TO NARDO)
STA 21+42.84 TO 29+80.42**
NTS



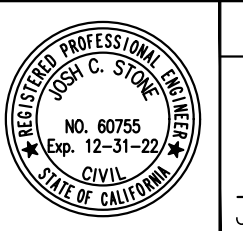
**LOMAS SANTA FE
(STEVENS TO SOLANA HILLS)
STA 46+25.00 TO 54+72.93**
NTS

*STA 44+20.63 TO 51+13.73, SEE PROFILE ON SHEETS IMP-8 TO IMP-10 FOR NORTH MEDIAN TC ELEVATIONS

STRUCTURAL SECTIONS	
1	4" PORTLAND CEMENT CONCRETE 12" NATIVE SUBGRADE REMOVE AND RECOMPACT TO 95%
2	4" STABILIZED DECOMPOSED GRANITE
3	2" GRIND AND OVERLAY

AS-BUILT
PLAN CODE TYP-1
By: _____ Date: _____
R.C.E.: _____ Exp: _____

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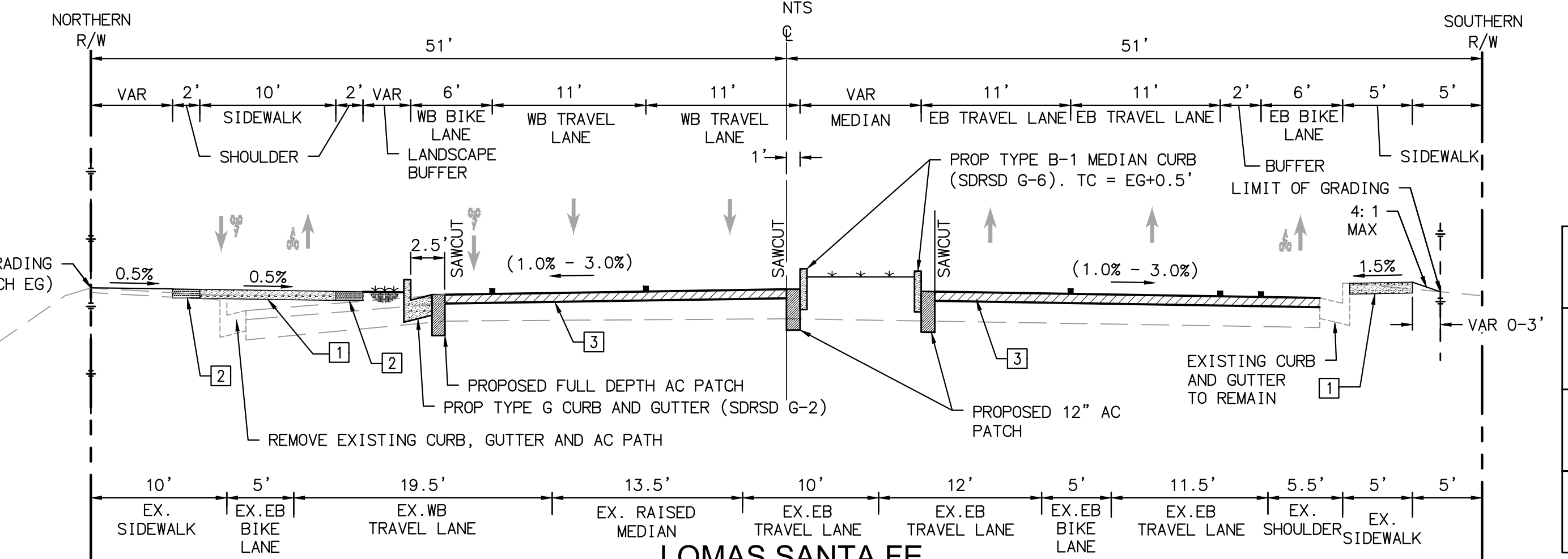
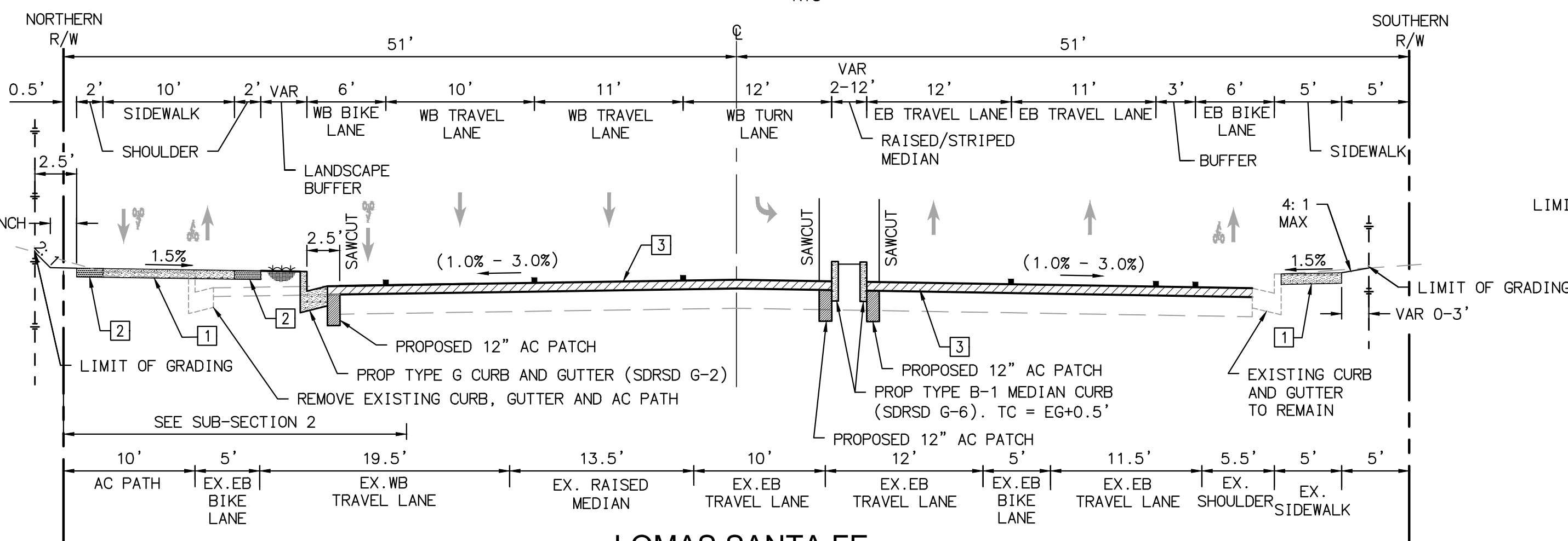
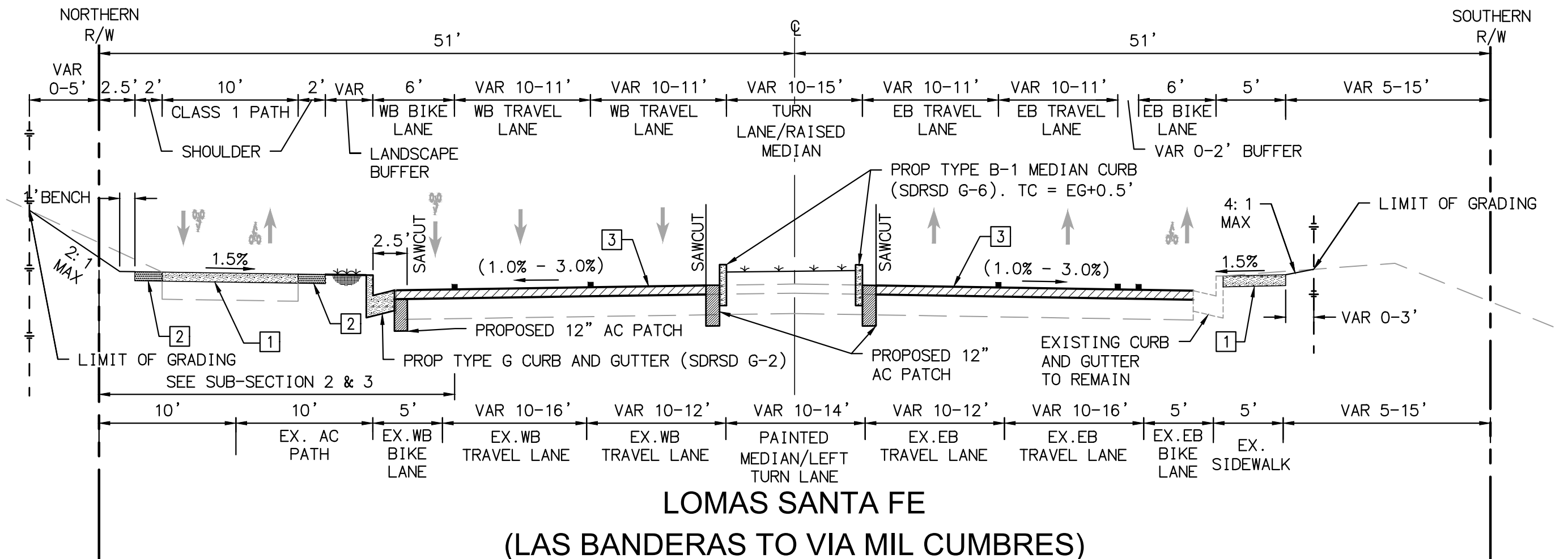
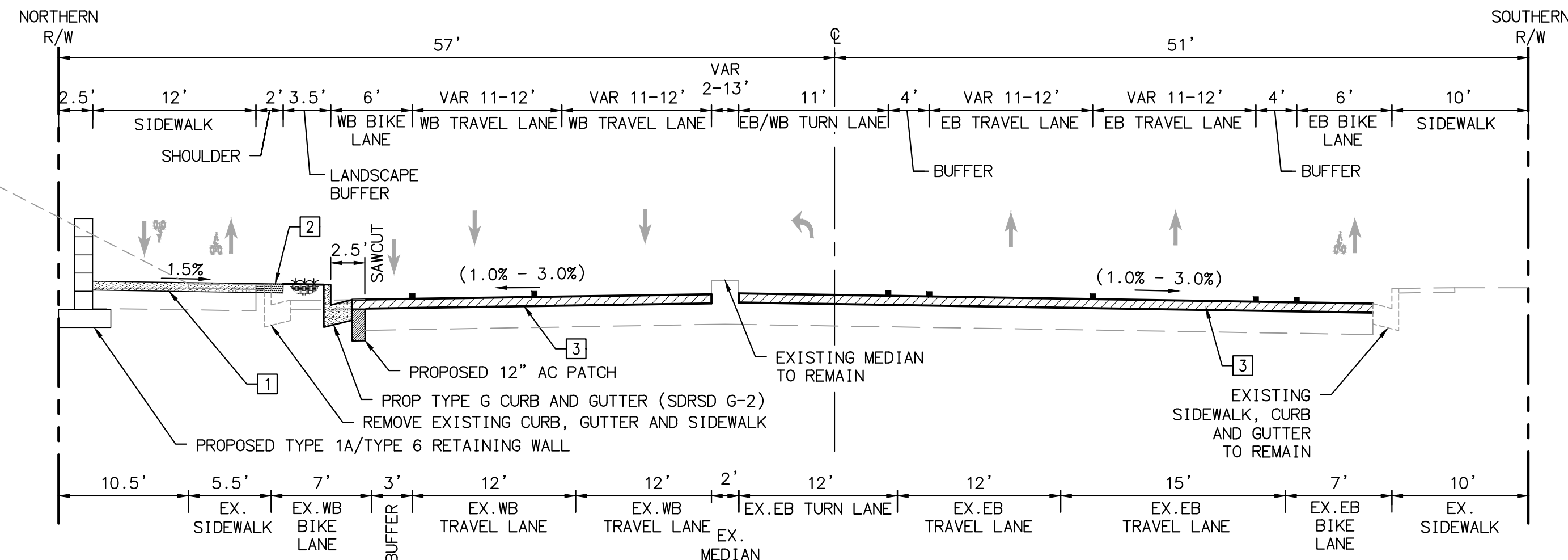
ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE
JOSH C. STONE RCE 60755			

RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION
By: _____ Date: _____	By: _____ Date: _____
By: _____ Date: _____	Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22

BENCH MARK	DESCRIPTION:
	LOCATION: _____
	ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
TYPICAL CROSS SECTIONS
CG-3185
Sheet 4 of 73



STRUCTURAL SECTIONS	
1	4" PORTLAND CEMENT CONCRETE 12" NATIVE SUBGRADE REMOVE AND RECOMPACT TO 95%
2	4" STABILIZED DECOMPOSED GRANITE
3	2" GRIND AND OVERLAY

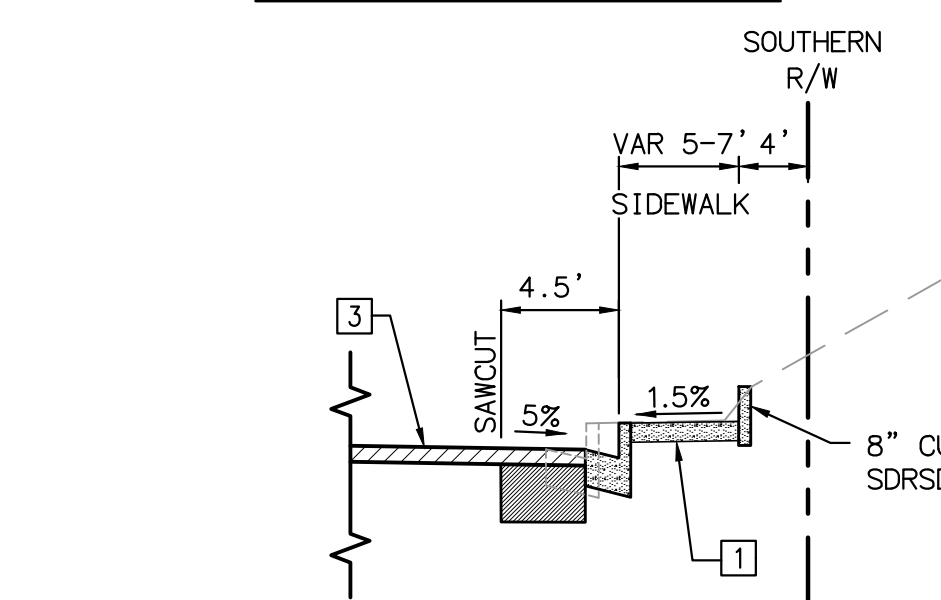
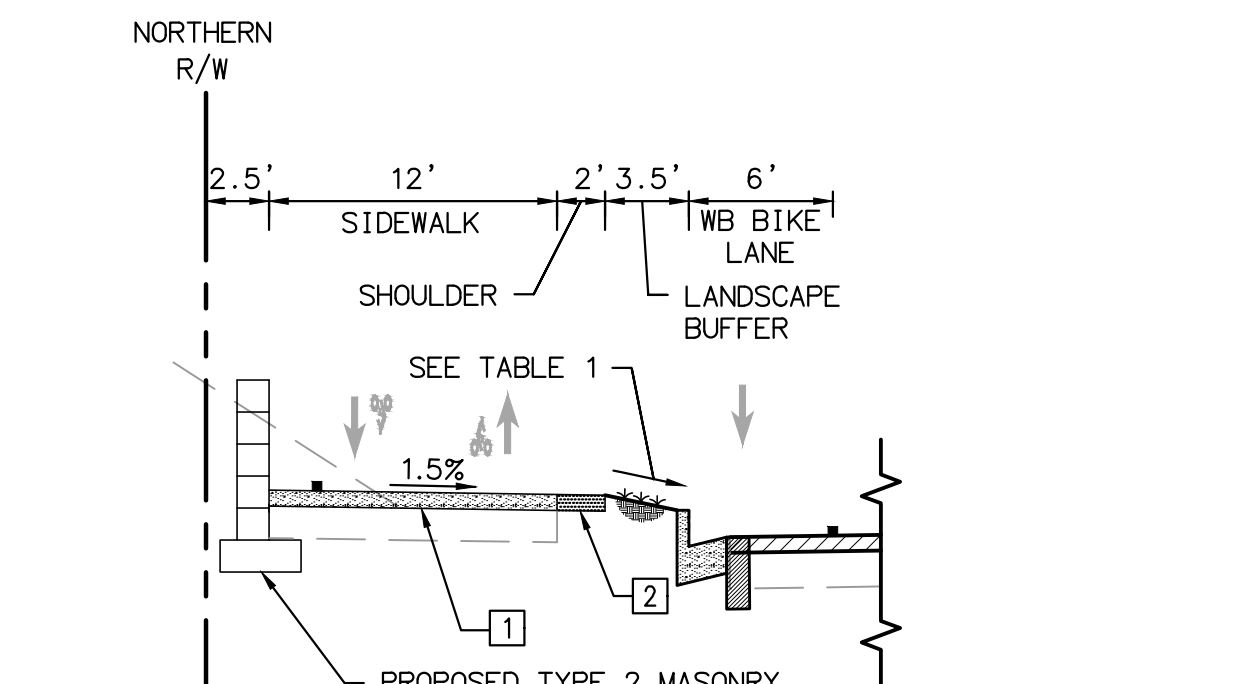
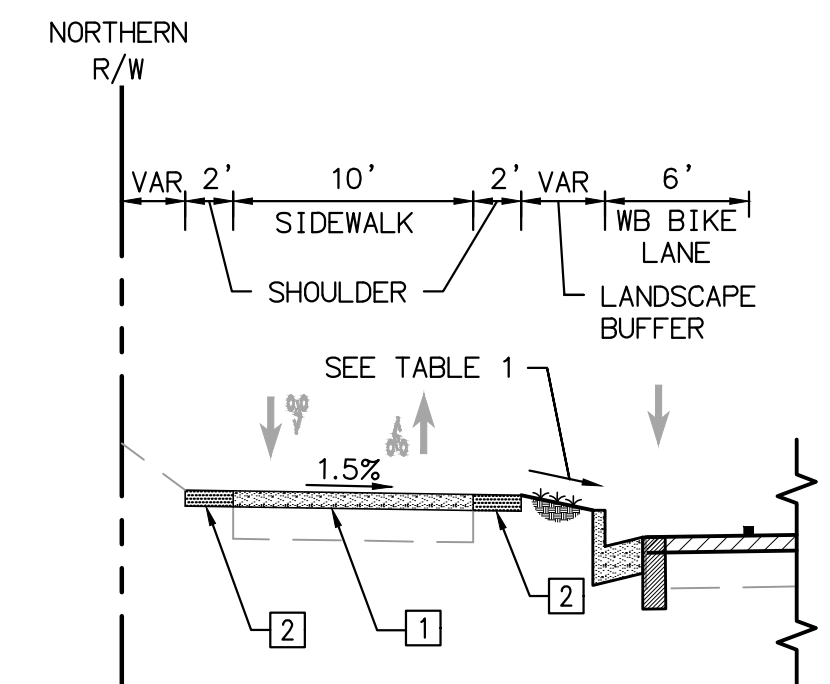
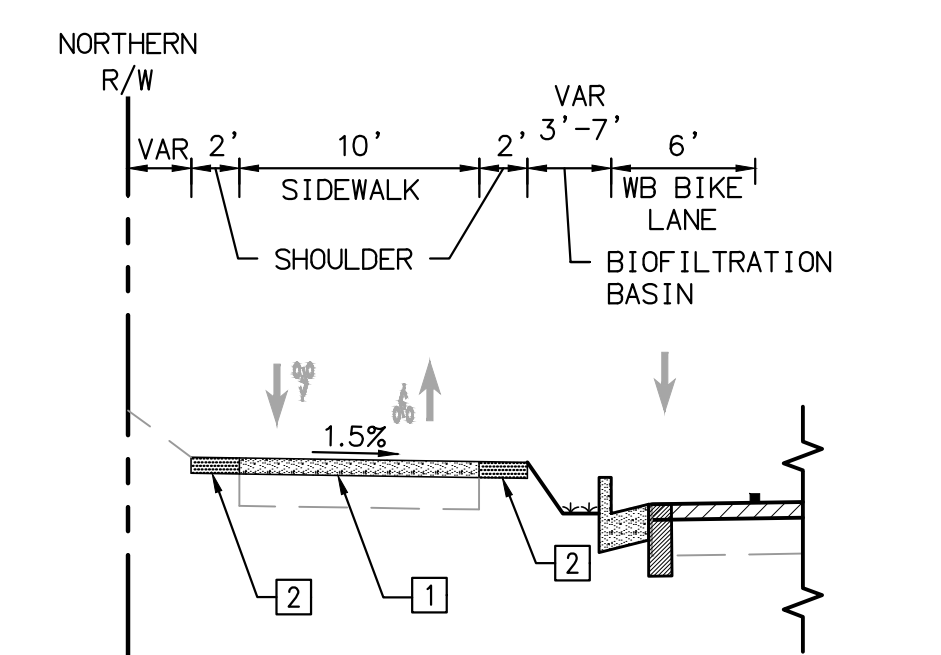
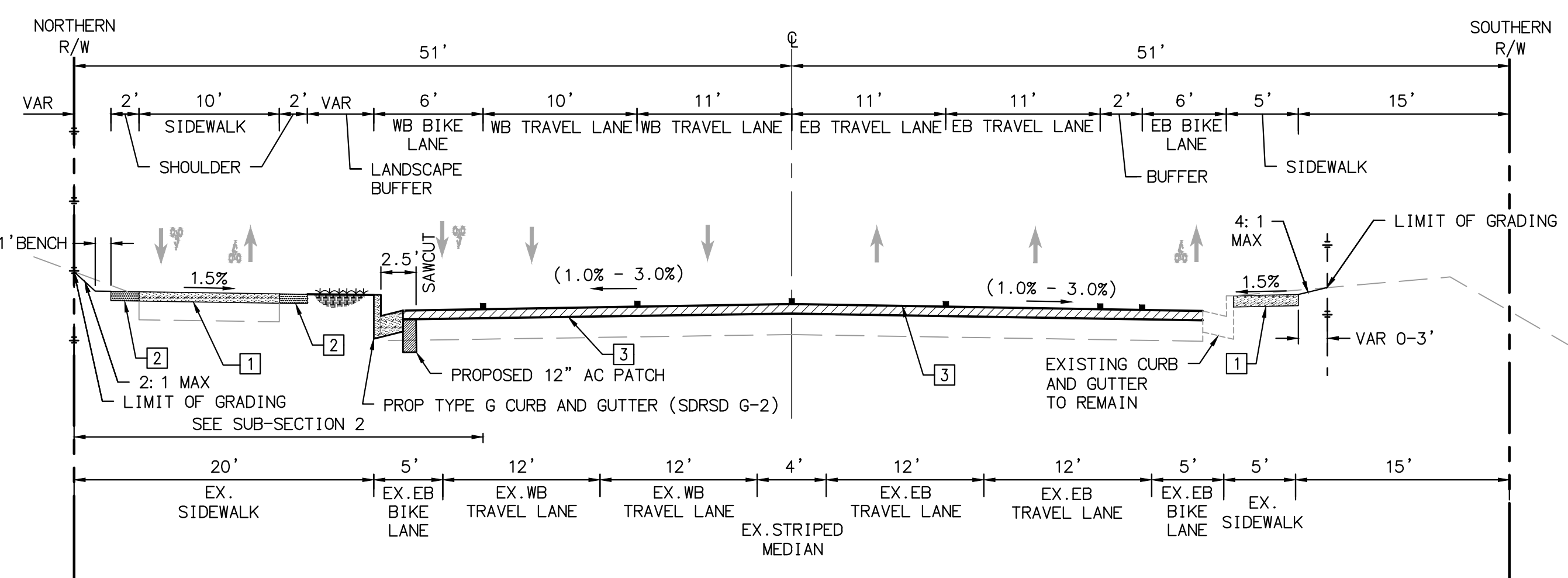


TABLE 1: LANDSCAPE SLOPE TABLE*	
STATION	SLOPE
84+00.00 TO 85+00.00	1.5-10.0% TRANSITION
85+00.00 TO 86+00.00	10.0-1.5% TRANSITION
97+50.00 TO 98+00.00	1.5-6.5% TRANSITION
98+00.00 TO 98+50.00	6.5-1.5% TRANSITION
101+00.00 TO 102+00.00	1.5-8.0% TRANSITION
102+00.00 TO 106+00.00	8.0%
106+00.00 TO 106+50.00	8.0-1.5% TRANSITION

1. LIP OF GUTTER ELEVATION = SAWCUT ELEVATION - 3 FEET X 5%.
2. TOP OF CURB ELEVATION = LIP OF GUTTER + 0.375 FEET

PLAN CODE AS-BUILT
By: _____ Date: _____
R.C.E.: _____ Exp: _____



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE

CITY APPROVED CHANGES

APP'D DATE

RECOMMENDED FOR APPROVAL

APPROVED FOR CONSTRUCTION
By: _____ Date: _____
Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK

DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
TYPICAL CROSS SECTIONS
CG-3185

DRAWING NO.
CG-3185
Sheet 5 of 73



- ### DEMOLITION NOTES
- 1 PROTECT IN PLACE
 - 2 ADJUST TO FINISH GRADE
 - 3 SAWCUT EXISTING PAVEMENT
 - 4 REMOVE EXISTING CURB AND GUTTER
 - 5 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
 - 9 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
 - 11 REMOVE EXISTING CURB INLET. SEE DRAINAGE PLANS FOR NEW LOCATION.
 - 12 REMOVE EXISTING SIDEWALK
 - 21 GRIND EXISTING AC PAVEMENT 2"
- ### CONSTRUCTION NOTES
- 1 MATCH EXISTING IMPROVEMENTS.
 - 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
 - 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - 5 OVERLAY AC PAVEMENT 2"
 - 8 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - 9 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 16 CONSTRUCT BIOFILTRATION BASIN PER DETAIL 1 AND 3 ON SHEET CD-11.
 - 17 LANDSCAPE AREA PER LANDSCAPING PLANS.
 - 19 CONSTRUCT TYPE A ISLAND PASSAGEWAY PER CALTRANS STD PLAN A88B.
 - 20 CONSTRUCT TYPE B-3 PIN-DOWN MEDIAN CURB PER SDRSD G-6. MEDIAN TOP OF CURB TO BE CONSTRUCTED 6" ABOVE PAVEMENT.
 - 23 CONSTRUCT MODIFIED 6" CURB AND GUTTER WITH CUTOFF WALL ADJACENT TO BIOFILTRATION BASIN PER DETAIL 2 ON SHEET CD-10
 - 28 CURB CUT PER DETAIL 2 ON SHEET CD-11
 - 29 INSTALL CLEANOUT PER DETAIL 1 AND 3 ON SHEET CD-11.

CURB DATA TABLE

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	36°52'19"	20.00'	12.87'	6" CURB & GUTTER
2	36°49'45"	20.00'	12.86'	6" CURB & GUTTER
3	90°00'00"	30.00'	47.12'	6" CURB & GUTTER
4	N79°07'00"E	---	71.09'	6" CURB & GUTTER
5	94°40'14"	4.00'	6.61'	MEDIAN CURB
6	N10°53'08"W	---	1.84'	MEDIAN CURB
7	90°00'00"	4.00'	6.28'	MEDIAN CURB
8	N79°06'52"E	---	15.62'	MEDIAN CURB
9	156°57'19"	3.00'	8.22'	MEDIAN CURB
10	N18°22'27"	53.13'	17.04'	MEDIAN CURB
11	N79°07'00"E	---	82.33'	MEDIAN CURB
12	N10°53'00"W	---	10.00'	MEDIAN CURB
13	N79°07'00"E	---	108.79'	MEDIAN CURB
14	162°48'20"	3.00'	8.52'	MEDIAN CURB
15	17°11'40"	92.50'	27.76'	MEDIAN CURB
16	N10°53'00"W	---	10.00'	MEDIAN CURB
17	180°00'00"	5.00'	15.71'	MEDIAN CURB
18	N79°07'00"E	---	1.00'	MEDIAN CURB
19	N79°07'00"E	---	1.00'	MEDIAN CURB
20	N79°07'00"E	---	69.69'	MEDIAN CURB
21	180°00'00"	3.00'	9.42'	MEDIAN CURB
22	N79°07'00"E	---	69.69'	MEDIAN CURB

CENTERLINE DATA TABLE

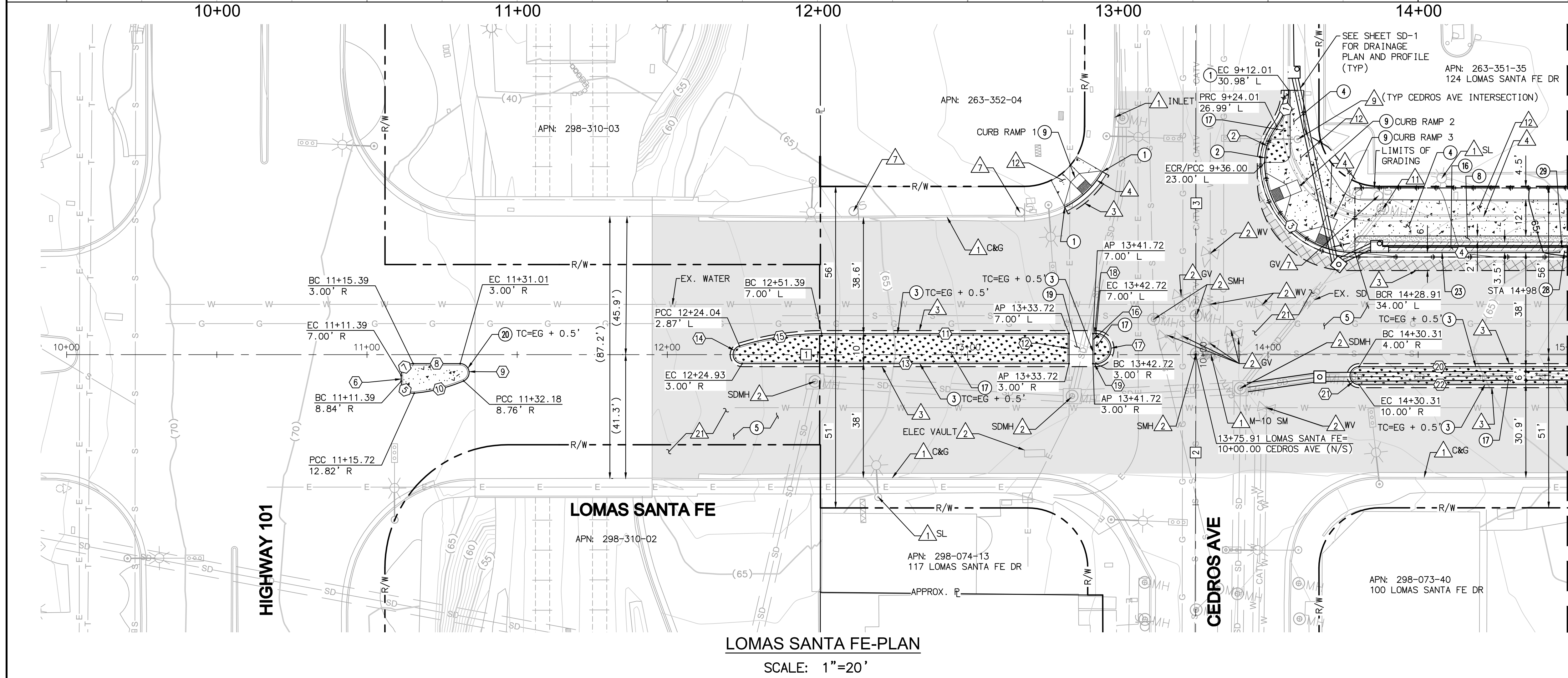
NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N79°07'00"E	---	500.00'	LOMAS SANTA FE DR
2	N10°53'00"W	---	92.46'	CEDROS AVE (S)
3	N10°53'00"W	---	110.06'	CEDROS AVE (N)

PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER

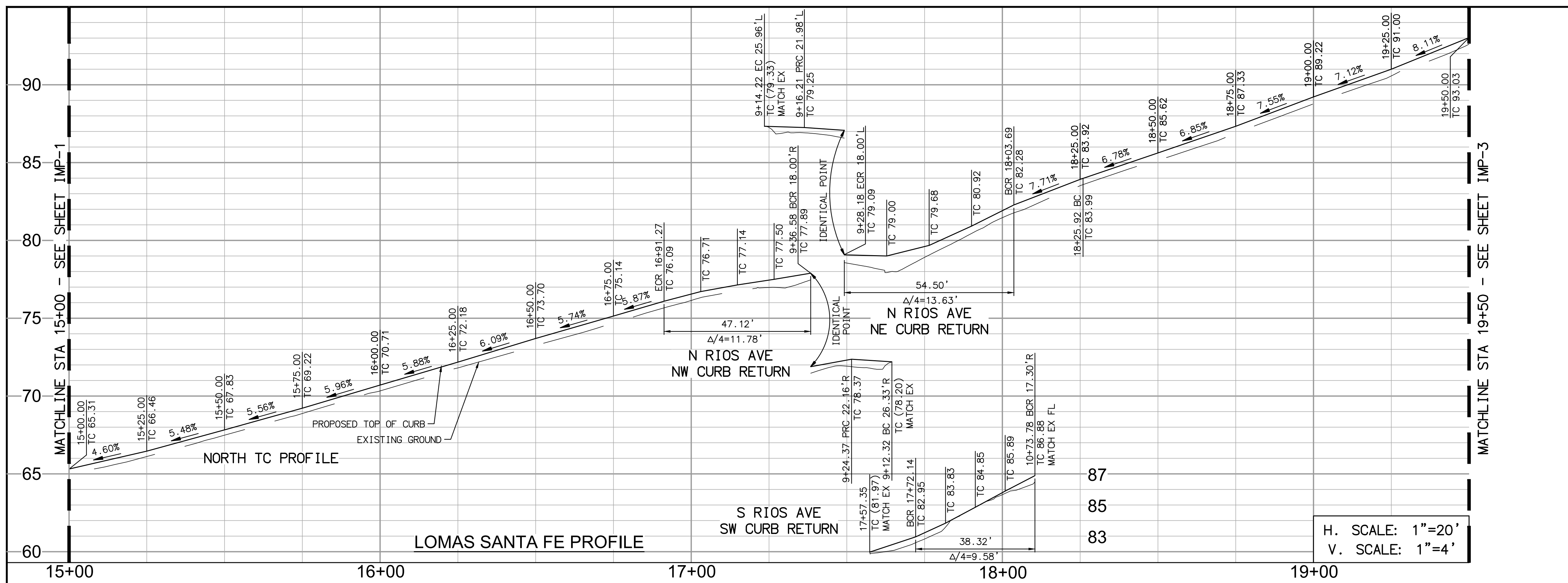


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 PLAN CODE IMP-1
 By: _____ Date: _____
 R.C.E.: _____ Exp: _____



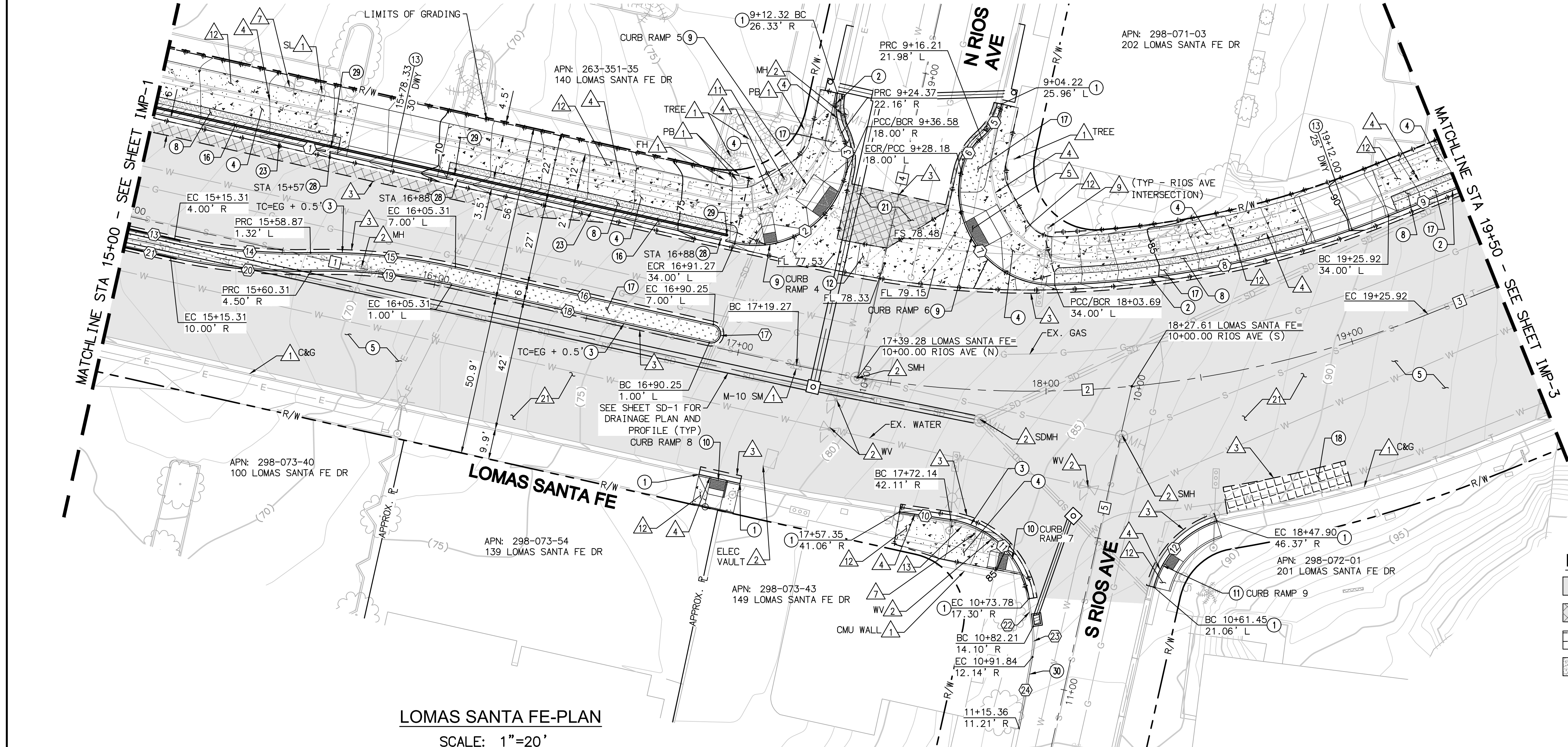
Michael Baker INTERNATIONAL 5050 Avenida Encinas Suite 260 Carlsbad, CA 92008 Phone: (760) 476-9193 M.BAKERINTL.COM		ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SOLANA BEACH	ENGINEERING DEPARTMENT	DRAWING NO.
		JOSH C. STONE RCE 60755				By: _____ Date: _____	By: Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22			IMPROVEMENT PLANS FOR: LOMAS SANTA FE CORRIDOR	IMPROVEMENT PLAN & PROFILE
										Sheet 6 of 73	

100% PLANS - DECEMBER 10, 2021. NOT FOR CONSTRUCTION



- ### DEMOLITION NOTES
- 1 PROTECT IN PLACE
 - 2 ADJUST TO FINISH GRADE
 - 3 SAWCUT EXISTING PAVEMENT
 - 4 REMOVE EXISTING CURB AND GUTTER
 - 5 REMOVE EXISTING CROSS GUTTER
 - 6 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
 - 7 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
 - 8 REMOVE EXISTING CURB INLET. SEE DRAINAGE PLANS FOR NEW LOCATION.
 - 9 REMOVE EXISTING SIDEWALK
 - 10 REMOVE EXISTING AC BERM
 - 11 GRIND EXISTING AC PAVEMENT 2"

- ### CONSTRUCTION NOTES
- 1 MATCH EXISTING IMPROVEMENTS.
 - 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
 - 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - 5 OVERLAY AC PAVEMENT 2"
 - 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - 7 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 8 CONSTRUCT TYPE B DIRECTIONAL CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 9 CONSTRUCT TYPE C CURB RAMP PER SDRSD G-29. SEE DETAILS ON SHEET CN-1 TO CN-6.
 - 10 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
 - 11 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
 - 12 CONSTRUCT BIOFILTRATION BASIN PER DETAIL 1 AND 3 ON SHEET CD-11.
 - 13 LANDSCAPE AREA PER LANDSCAPING PLANS.
 - 14 CONSTRUCT 40' X 10' CASE 111 PCC BUS PAD, 9" PCC OVER 6" CTB, PER DETAIL 4 ON SHEET C-11
 - 15 CONSTRUCT 12" AC PATCH
 - 16 CONSTRUCT MODIFIED 6" CURB AND GUTTER WITH CUTOFF WALL ADJACENT TO BIOFILTRATION BASIN PER DETAIL 2 ON SHEET CD-10
 - 17 CURB CUT PER DETAIL 2 ON SHEET CD-11
 - 18 INSTALL CLEANOUT PER DETAIL 1 AND 3 ON SHEET CD-11.
 - 19 CONSTRUCT 6" AC BERM



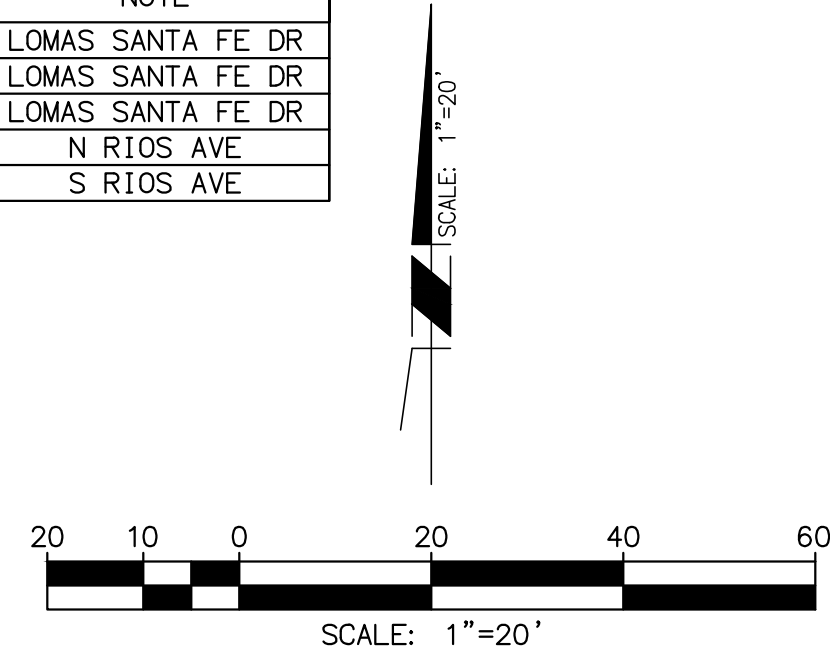
CURB DATA TABLE

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N79°07'00"E	---	191.27'	6" CURB & GUTTER
2	90°00'00"	30.00'	47.12'	6" CURB & GUTTER
3	37°38'56"	20.00'	13.14'	6" CURB & GUTTER
4	37°09'16"	20.00'	12.97'	6" CURB & GUTTER
5	36°48'15"	20.00'	12.85'	6" CURB & GUTTER
6	36°46'25"	20.00'	12.84'	6" CURB & GUTTER
7	104°05'20"	30.00'	54.50'	6" CURB & GUTTER
8	20°23'53"	309.32'	110.12'	6" CURB & GUTTER
9	N44°37'47"E	---	24.08'	6" CURB & GUTTER
10	N75°08'48"E	---	16.62'	6" CURB & GUTTER
11	73°10'55"	30.00'	38.32'	6" CURB & GUTTER
12	53°47'54"	30.00'	28.17'	6" CURB & GUTTER
13	N79°07'00"E	---	17.08'	MEDIAN CURB
14	13°42'13"	190.00'	45.44'	MEDIAN CURB
15	13°42'13"	190.00'	45.44'	MEDIAN CURB
16	N79°07'00"E	---	81.30'	MEDIAN CURB
17	180°00'00"	3.00'	9.42'	MEDIAN CURB
18	N79°07'00"E	---	81.29'	MEDIAN CURB
19	13°42'06"	184.00'	44.00'	MEDIAN CURB
20	13°42'19"	196.00'	46.88'	MEDIAN CURB
21	N79°07'00"E	---	17.09'	MEDIAN CURB
22	N31°40'17"W	---	9.02'	6" AC BERM
23	18°31'48"	30.50'	9.86'	6" AC BERM
24	N13°08'29"W	---	23.52'	6" AC BERM

CENTERLINE DATA TABLE

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N79°07'00"E	---	219.27'	LOMAS SANTA FE DR
2	34°29'13"	343.32'	206.65'	LOMAS SANTA FE DR
3	N44°37'47"E	---	24.08'	LOMAS SANTA FE DR
4	N10°53'00"W	---	125.99'	N RIOS AVE
5	N10°53'00"W	---	89.74'	S RIOS AVE

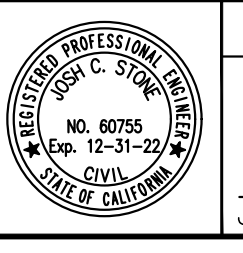
- ### PAVEMENT LEGEND
- 2" AC GRIND & OVERLAY
 - 12" AC PATCH
 - BUS PAD 9" PCC/6" CTB
 - 4" STABILIZED DECOMPOSED GRANITE SHOULDER



LOMAS SANTA FE-PLAN
SCALE: 1"=20'

AS-BUILT
PLAN CODE
IMP-2
By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas
Suite 260
Carlsbad, CA 92008
Phone: (760) 476-9193
MBAKERINTL.COM



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE _____

CITY APPROVED CHANGES
APP'D DATE _____

RECOMMENDED FOR APPROVAL
By: _____ Date: _____
By: _____ Date: _____

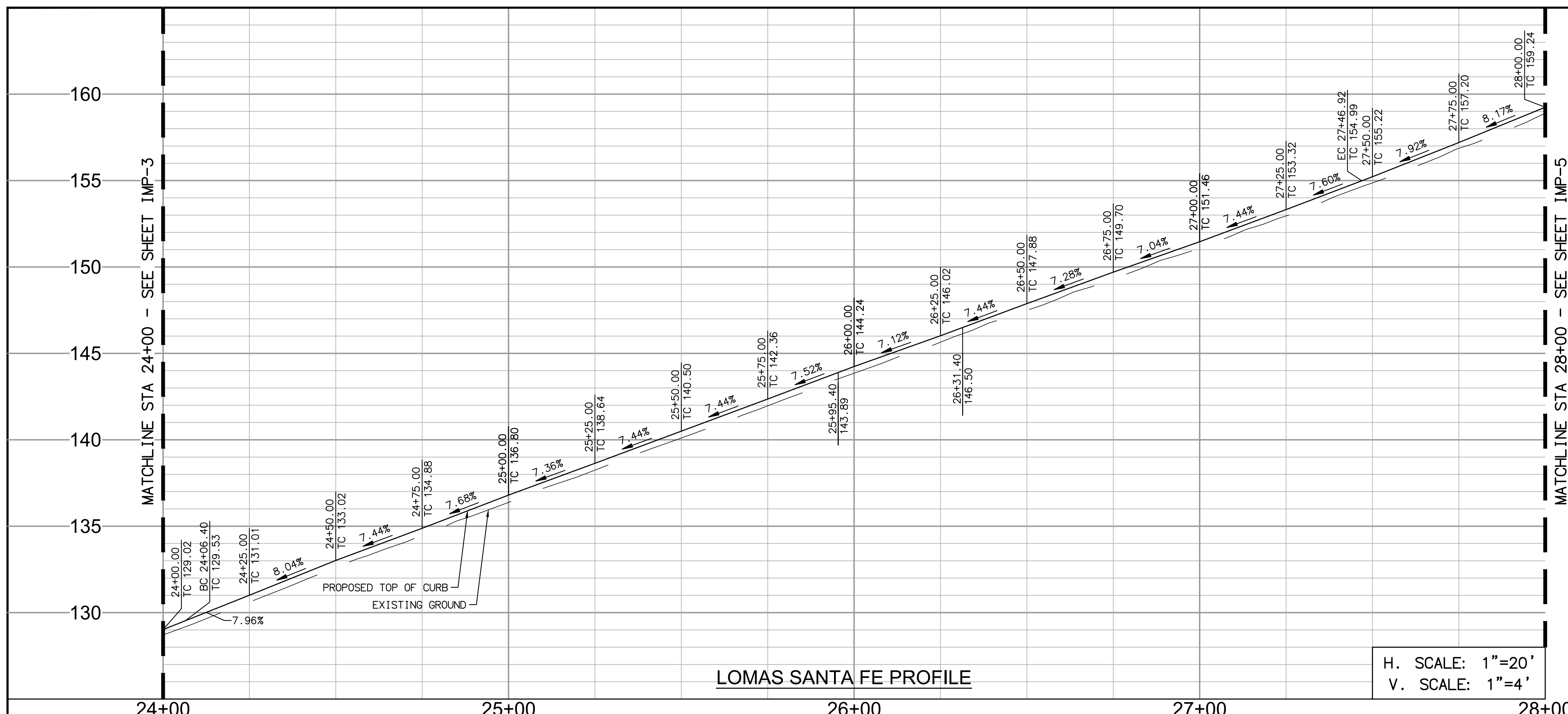
APPROVED FOR CONSTRUCTION
By: Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
IMPROVEMENT PLAN & PROFILE
DRAWING NO. CG-3185
Sheet 7 of 73

100% PLANS - DECEMBER 10, 2021. NOT FOR CONSTRUCTION



LOMAS SANTA FE PROFILE

H. SCALE: 1"=20'
V. SCALE: 1"=4'

DEMOLITION NOTES

- 1 PROTECT IN PLACE
- 2 ADJUST TO FINISH GRADE
- 3 SAWCUT EXISTING PAVEMENT
- 4 REMOVE EXISTING CURB AND GUTTER
- 12 REMOVE EXISTING SIDEWALK
- 21 GRIND EXISTING AC PAVEMENT 2"

CONSTRUCTION NOTES

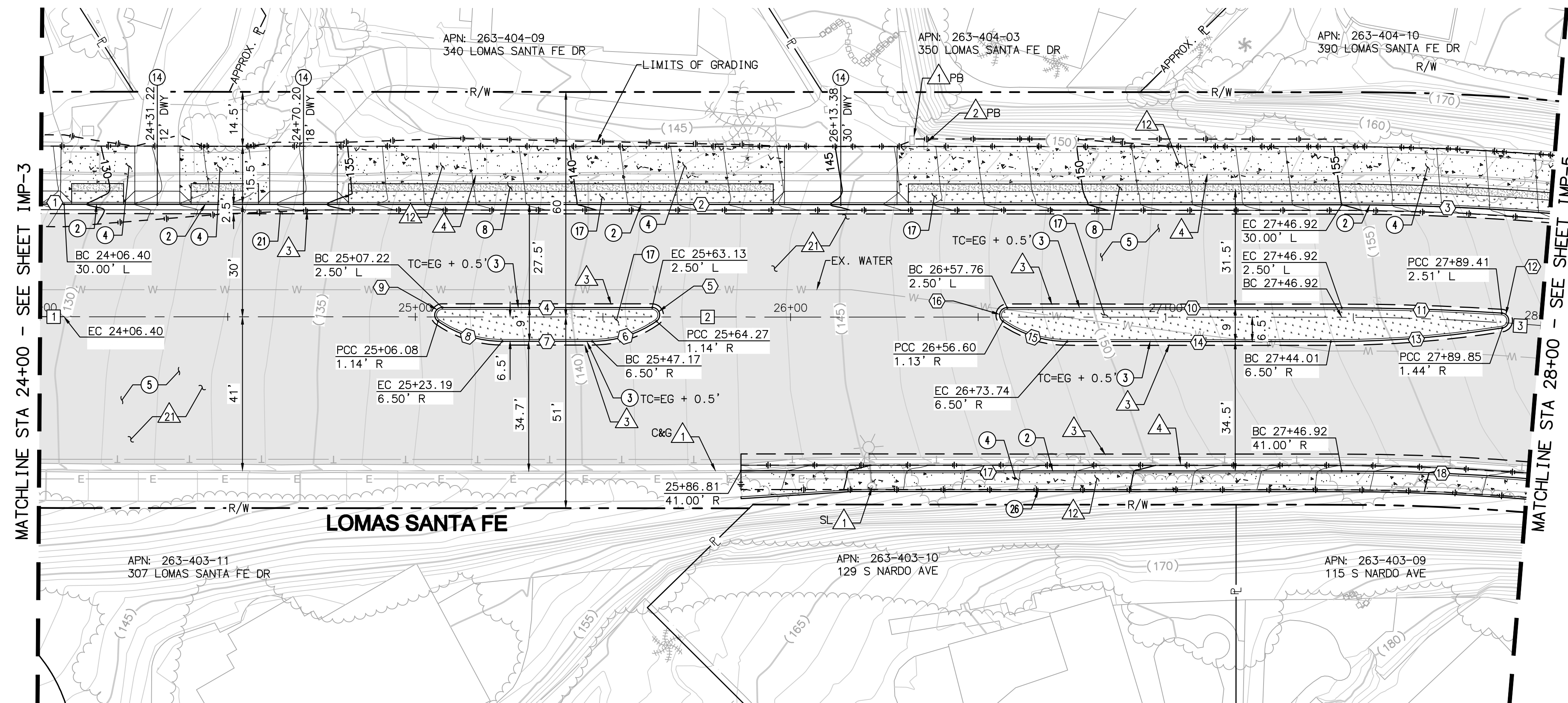
- 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
- 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
- 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
- 5 OVERLAY AC PAVEMENT 2"
- 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
- 14 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR RESIDENTIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
- 17 LANDSCAPE AREA PER LANDSCAPING PLANS.
- 21 CONSTRUCT 12" AC PATCH
- 26 CONSTRUCT 8" STEM CURB PER DETAIL 1 ON SHEET CD-10

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	00°21'59"	970.00'	6.20'	6" CURB & GUTTER
2	N33°25'40"E	---	340.25'	6" CURB & GUTTER
3	04°40'45"	680.00'	55.50'	6" CURB & GUTTER
4	N33°25'40"E	---	55.91'	MEDIAN CURB
5	145°13'41"	2.00'	5.07'	MEDIAN CURB
6	34°46'19"	30.00'	18.21'	MEDIAN CURB
7	N33°25'40"E	---	23.97'	MEDIAN CURB
8	34°46'19"	30.00'	18.21'	MEDIAN CURB
9	145°13'41"	2.00'	5.07'	MEDIAN CURB
10	N33°25'40"E	---	89.15'	MEDIAN CURB
11	03°43'13"	657.00'	42.66'	MEDIAN CURB
12	167°26'01"	2.00'	5.84'	MEDIAN CURB
13	09°04'14"	290.00'	45.91'	MEDIAN CURB
14	N33°25'40"E	---	70.26'	MEDIAN CURB
15	34°51'02"	30.00'	18.25'	MEDIAN CURB
16	144°22'38"	2.00'	5.04'	MEDIAN CURB
17	N33°25'40"E	---	160.10'	6" CURB & GUTTER
18	04°39'55"	609'	49.60'	6" CURB & GUTTER

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	00°21'59"	1000.00'	6.39'	LOMAS SANTA FE DR
2	N33°25'40"E	---	340.52'	LOMAS SANTA FE DR
3	04°40'45"	650.00'	53.08'	LOMAS SANTA FE DR

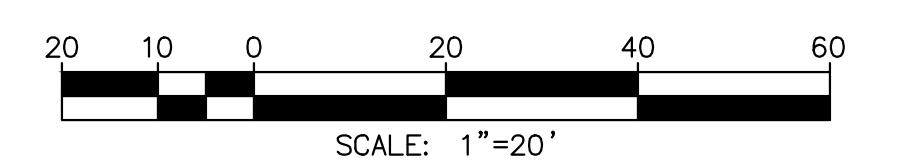
PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



LOMAS SANTA FE PLAN

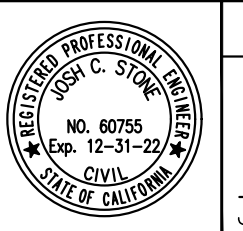
SCALE: 1"=20'



AS-BUILT

PLAN CODE
IMP-4
By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas
Suite 260
Carlsbad, CA 92008
Phone: (760) 476-9193
mbakerintl.com



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE _____

CITY APPROVED CHANGES
APP'D DATE _____

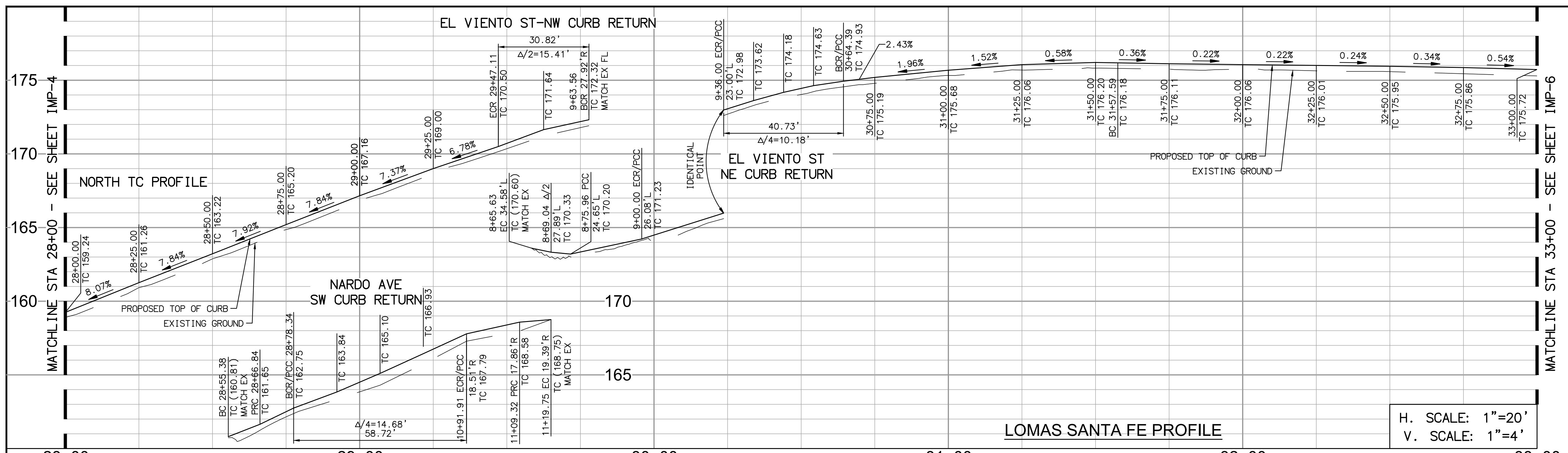
RECOMMENDED FOR APPROVAL
By: _____ Date: _____

APPROVED FOR CONSTRUCTION
By: Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

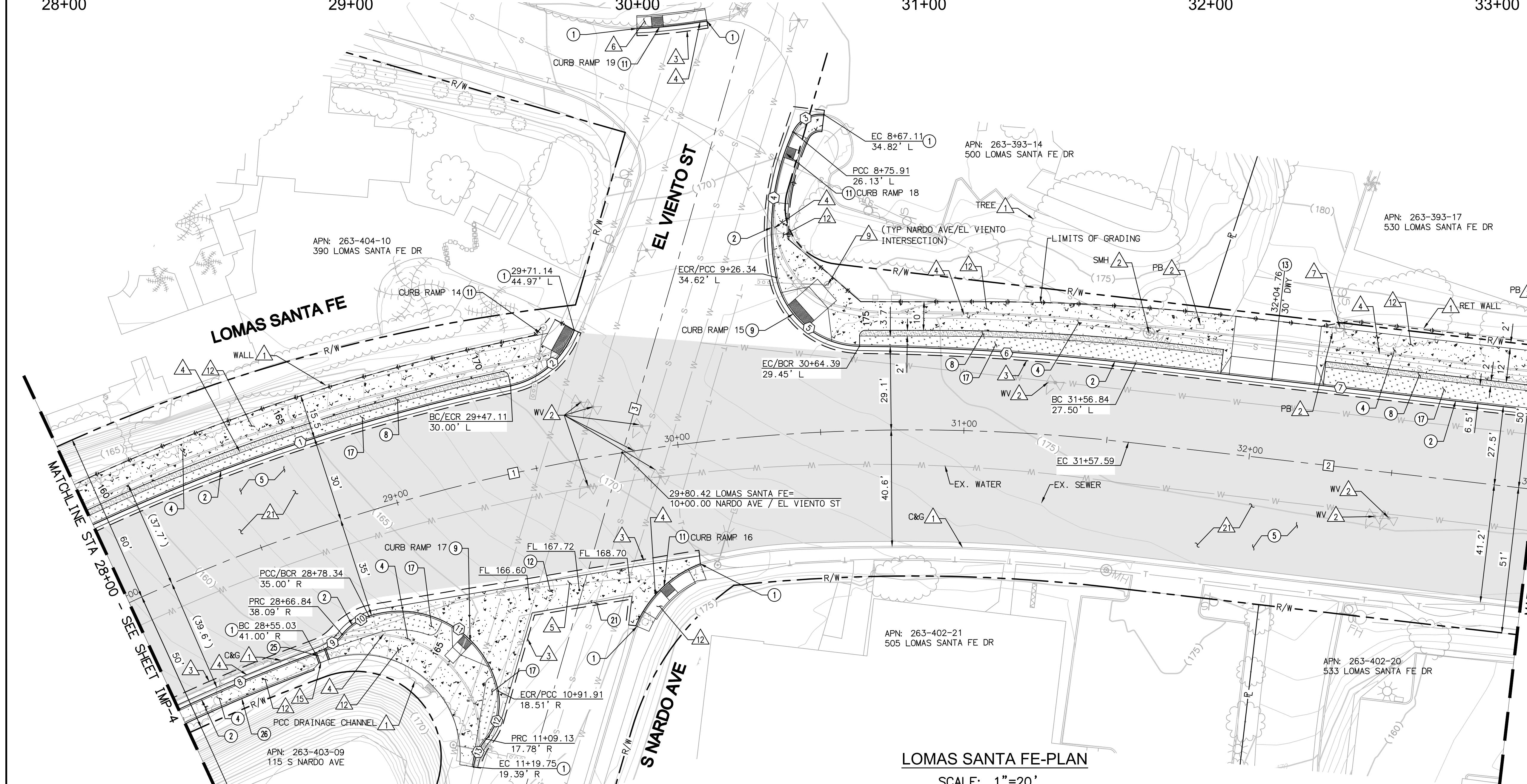
CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
IMPROVEMENT PLAN & PROFILE
DRAWING NO. **CG-3185**
Sheet 9 of 73



- ### DEMOLITION NOTES
- 1 PROTECT IN PLACE
 - 2 ADJUST TO FINISH GRADE
 - 3 SAWCUT EXISTING PAVEMENT
 - 4 REMOVE EXISTING CURB AND GUTTER
 - 5 REMOVE EXISTING CROSS GUTTER
 - 6 REMOVE EXISTING AC PATH
 - 7 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
 - 8 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
 - 9 REMOVE EXISTING SIDEWALK
 - 10 REMOVE EXISTING CURB OUTLET
 - 21 GRIND EXISTING AC PAVEMENT 2"

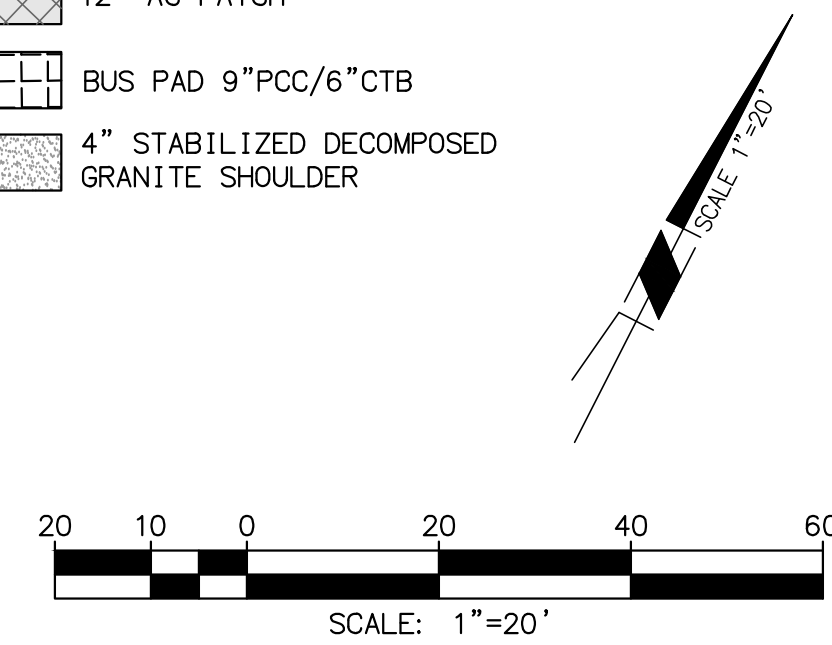
- ### CONSTRUCTION NOTES
- 1 MATCH EXISTING IMPROVEMENTS.
 - 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - 5 OVERLAY AC PAVEMENT 2"
 - 8 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - 9 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 11 CONSTRUCT TYPE C CURB RAMP PER SDRSD G-29. SEE DETAILS ON SHEET CN-1 TO CN-6.
 - 12 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
 - 13 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
 - 17 LANDSCAPE AREA PER LANDSCAPING PLANS.
 - 21 CONSTRUCT 12" AC PATCH
 - 25 REPLACE EXISTING TYPE A CURB OUTLET IN KIND PER SDRSD D-25A.
 - 26 CONSTRUCT 8" STEM CURB PER DETAIL 1 ON SHEET CD-10



NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	12°58'04"	680.00'	153.90'	6" CURB & GUTTER
2	58°07'34"	30.00'	30.90'	6" CURB & GUTTER
3	72°09'55"	10.50'	13.22'	6" CURB & GUTTER
4	33°31'36"	82.29'	48.15'	6" CURB & GUTTER
5	82°15'11"	35.00'	50.25'	6" CURB & GUTTER
6	07°45'04"	677.50'	91.65'	6" CURB & GUTTER
7	N69°37'38"E	--	142.41'	6" CURB & GUTTER
8	04°55'56"	609.00'	52.42'	6" CURB & GUTTER
9	30°48'55"	20.00'	10.76'	6" CURB & GUTTER
10	32°47'20"	20.00'	11.45'	6" CURB & GUTTER
11	96°07'23"	35.00'	58.72'	6" CURB & GUTTER
12	51°37'08"	20.00'	18.02'	6" CURB & GUTTER
13	30°34'08"	20.00'	10.67'	6" CURB & GUTTER

NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	31°31'13"	650.00'	357.59'	LOMAS SANTA FE DR
2	N69°37'38"E	--	142.41'	LOMAS SANTA FE DR
3	N10°53'37"W	--	274.43'	S NARDO AVE/EL VIENTO ST

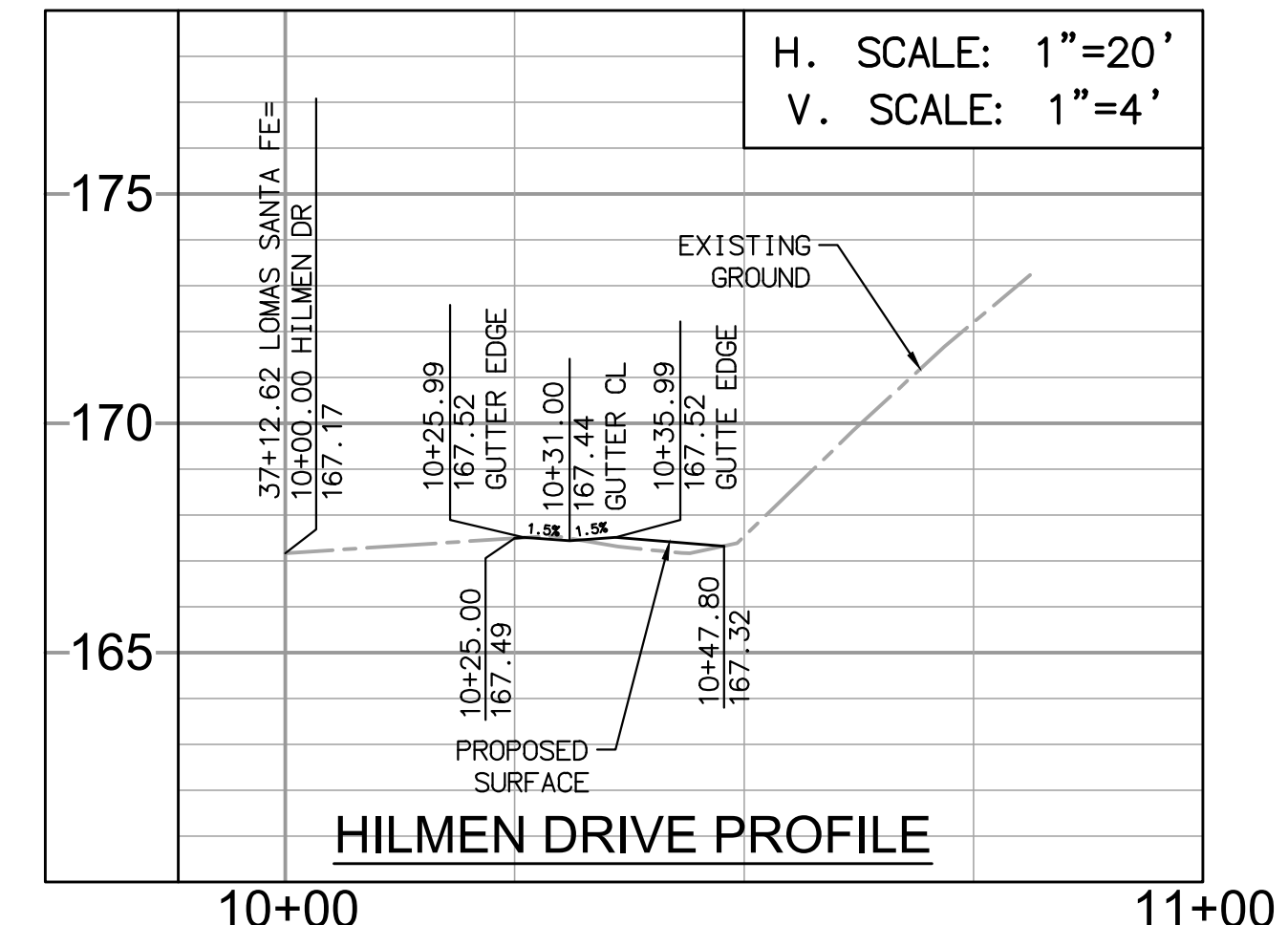
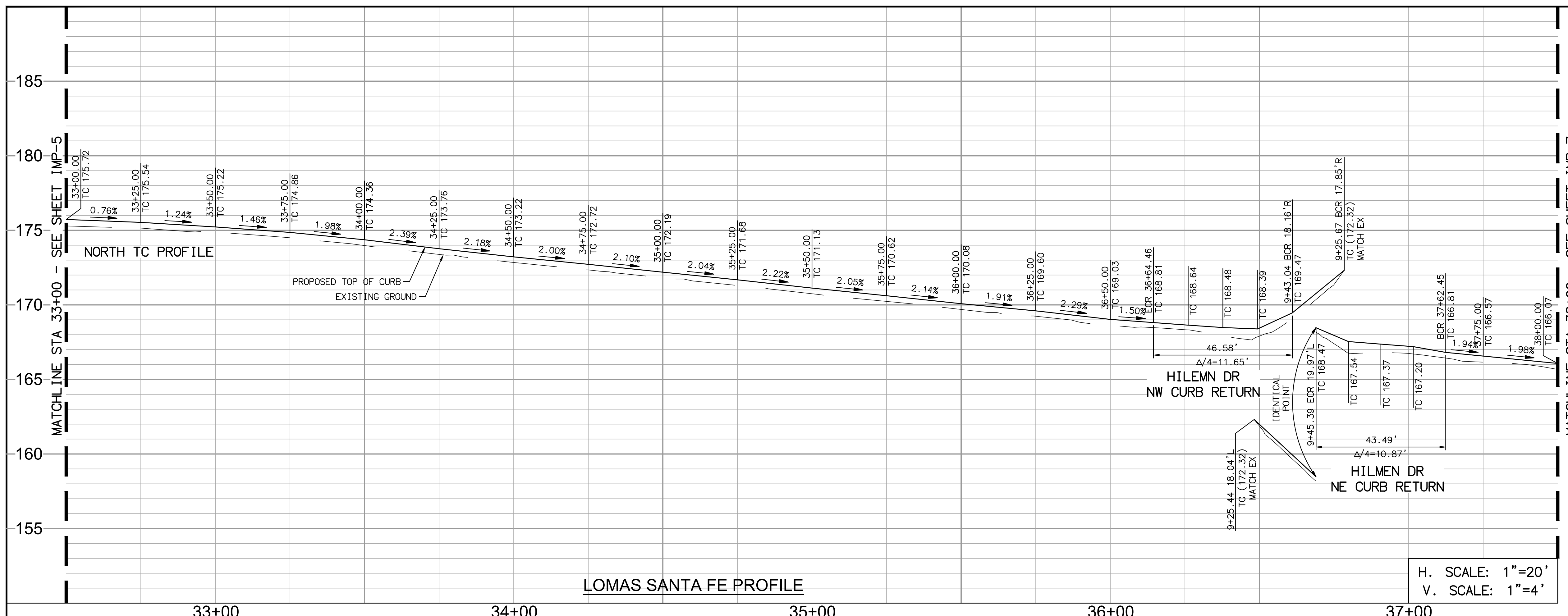
- ### PAVEMENT LEGEND
- 2" AC GRIND & OVERLAY
 - 12" AC PATCH
 - BUS PAD 9" PCC/6" CTB
 - 4" STABILIZED DECOMPOSED GRANITE SHOULDER



AS-BUILT
 PLAN CODE IMP-5
 By: _____ Date: _____
 R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL 5050 Avenida Encinas Suite 260 Carlsbad, CA 92008 Phone: (760) 476-9193 M.BAKERINTL.COM		ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SOLANA BEACH	ENGINEERING DEPARTMENT	DRAWING NO.
		JOSH C. STONE RCE 60755			By: _____ Date: _____	By: _____ Date: _____	Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22		IMPROVEMENT PLANS FOR: LOMAS SANTA FE CORRIDOR	IMPROVEMENT PLAN & PROFILE
								DESCRIPTION: LOCATION: ELEV.: DATUM: M.S.L.		Sheet 10 of 73

100% PLANS - DECEMBER 10, 2021. NOT FOR CONSTRUCTION

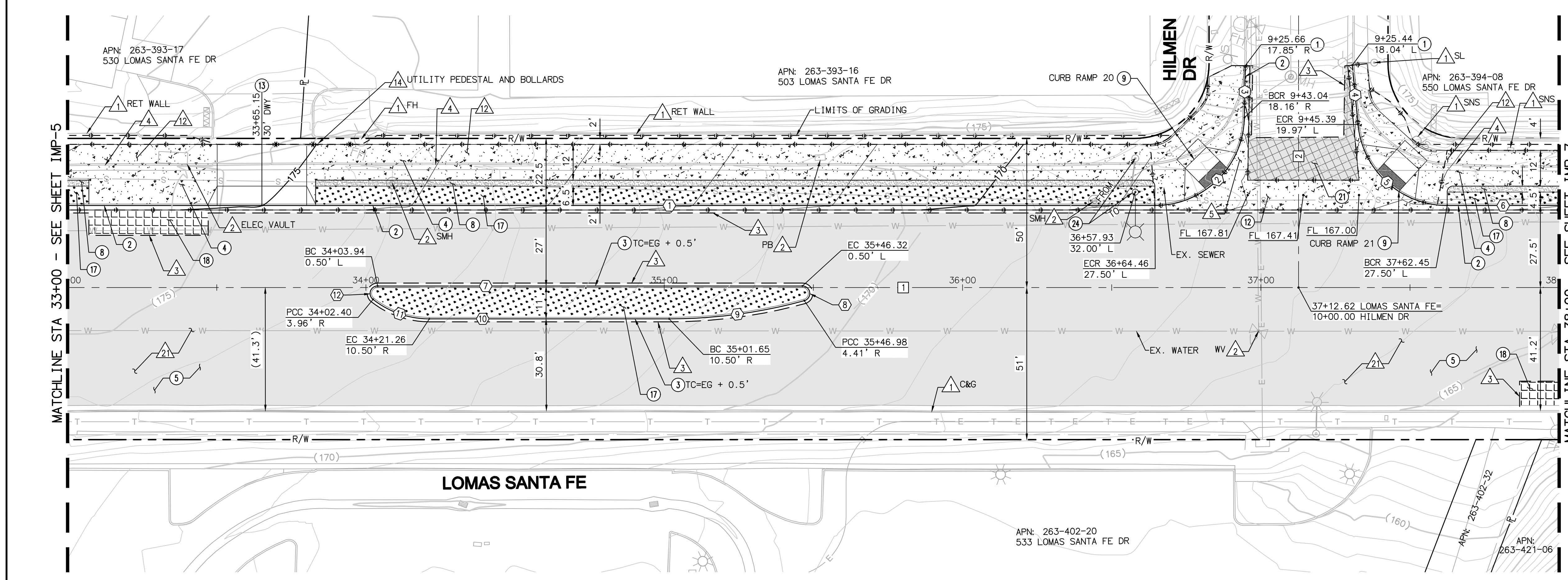


DEMOLITION NOTES

- 1 PROTECT IN PLACE
- 2 ADJUST TO FINISH GRADE
- 3 SAWCUT EXISTING PAVEMENT
- 4 REMOVE EXISTING CURB AND GUTTER
- 5 REMOVE EXISTING CROSS GUTTER
- 6 REMOVE EXISTING SIDEWALK
- 7 TO BE RELOCATED BY OTHERS
- 8 GRIND EXISTING AC PAVEMENT 2"

CONSTRUCTION NOTES

- 1 MATCH EXISTING IMPROVEMENTS.
- 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
- 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
- 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
- 5 OVERLAY AC PAVEMENT 2"
- 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
- 7 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
- 8 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
- 9 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
- 10 LANDSCAPE AREA PER LANDSCAPING PLANS.
- 11 CONSTRUCT 40' X 10' CASE III PCC BUS PAD, 9" PCC OVER 6" CTB, PER DETAIL 4 ON SHEET C-11
- 12 CONSTRUCT 12" AC PATCH
- 13 RELOCATE EXISTING STREET LIGHT PER SDRSD E-01 AND E-02. SPLICE NEW TO EXISTING CONDUCTORS.

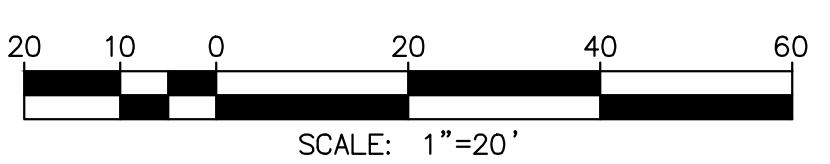


NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N69°37'38"E	---	364.46'	6" CURB & GUTTER
2	88°57'43"	30.00'	46.58'	6" CURB & GUTTER
3	N19°20'05"W	---	17.39'	6" CURB & GUTTER
4	N25°54'04"W	---	20.04'	6" CURB & GUTTER
5	84°28'18"	30.00'	44.23'	6" CURB & GUTTER
6	N69°37'38"E	---	37.55'	6" CURB & GUTTER
7	N69°37'38"E	---	142.37'	MEDIAN CURB
8	164°41'49"	2.50'	7.19'	MEDIAN CURB
9	15°18'11"	171.72'	45.87'	MEDIAN CURB
10	N69°37'38"E	---	80.39'	MEDIAN CURB
11	38°12'47"	30.50'	20.34'	MEDIAN CURB
12	141°47'13"	2.50'	6.19'	MEDIAN CURB

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N69°37'38"E	---	500.00'	LOMAS SANTA FE DR
2	N20°22'22"W	---	91.20'	HILEM DR

PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



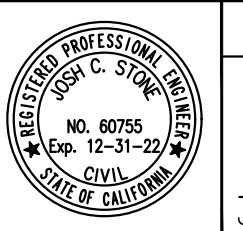
PLAN CODE
IMP-6

AS-BUILT

By: _____ Date: _____
R.C.E.: _____ Exp: _____

LOMAS SANTA FE-PLAN
SCALE: 1"=20'

Michael Baker INTERNATIONAL
5050 Avenida Encinas
Suite 260
Carlsbad, CA 92008
Phone: (760) 476-9193
mbakerintl.com

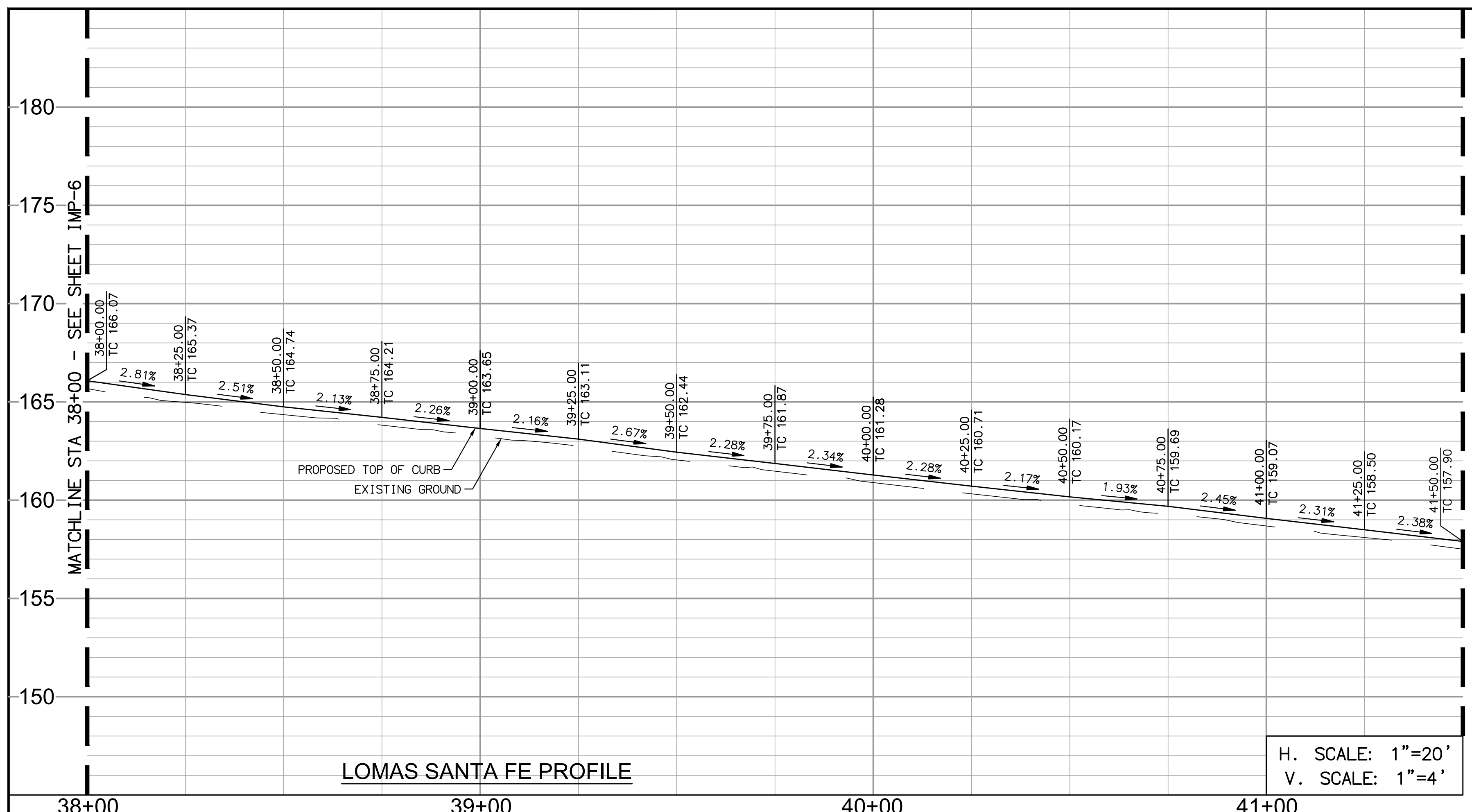


ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D DATE
JOSH C. STONE RCE 60755		

RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION
By: _____ Date: _____	By: Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22

BENCH MARK	DESCRIPTION:	LOCATION:	ELEV.:	DATUM: M.S.L.

CITY OF SOLANA BEACH ENGINEERING DEPARTMENT
IMPROVEMENT PLANS FOR: LOMAS SANTA FE CORRIDOR
IMPROVEMENT PLAN & PROFILE
DRAWING NO. **CG-3185**
Sheet 11 of 73



DEMOLITION NOTES

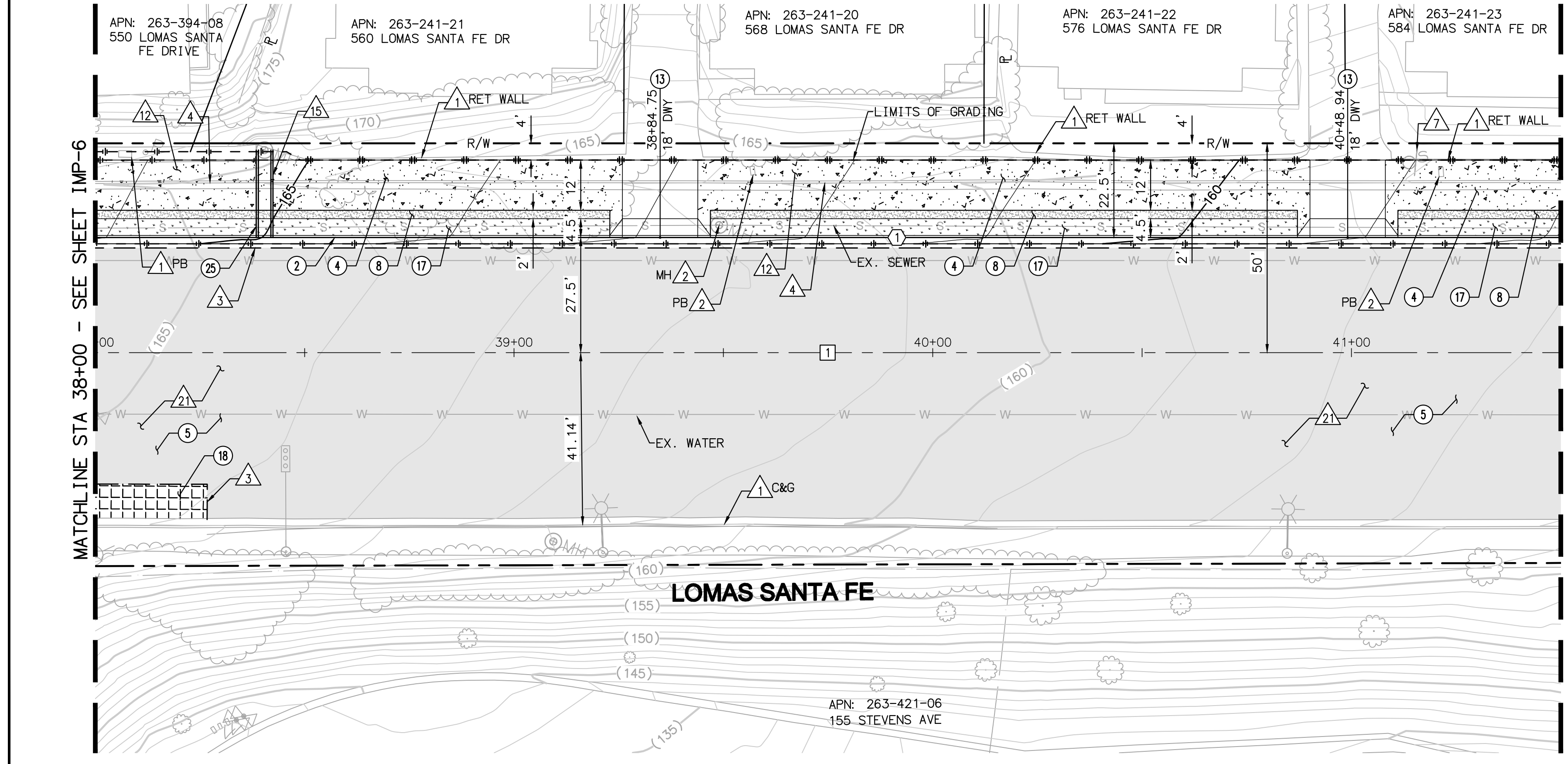
- 1 PROTECT IN PLACE
- 2 ADJUST TO FINISH GRADE
- 3 SAWCUT EXISTING PAVEMENT
- 4 REMOVE EXISTING CURB AND GUTTER
- 5 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
- 6 REMOVE EXISTING SIDEWALK
- 7 REMOVE EXISTING CURB OUTLET
- 8 GRIND EXISTING AC PAVEMENT 2"

CONSTRUCTION NOTES

- 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
- 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
- 5 OVERLAY AC PAVEMENT 2"
- 8 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
- 13 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
- 17 LANDSCAPE AREA PER LANDSCAPING PLANS.
- 18 CONSTRUCT 40' X 10' CASE III PCC BUS PAD, 9" PCC OVER 6" CTB, PER DETAIL 4 ON SHEET C-11
- 25 REPLACE EXISTING TYPE A CURB OUTLET IN KIND PER SDRSD D-25A.

NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N69°37'38"E	--	350.00'	6" CURB & GUTTER

NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N69°37'38"E	--	350.00'	LOMAS SANTA FE DR.



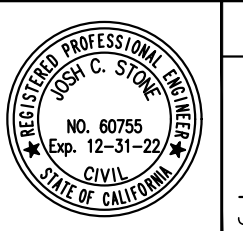
PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



AS-BUILT
By: _____ Date: _____
PLAN CODE
IMP-7
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas
Suite 260
Carlsbad, CA 92008
Phone: (760) 476-9193
MBAKERINTL.COM



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE _____

CITY APPROVED CHANGES
APP'D DATE _____

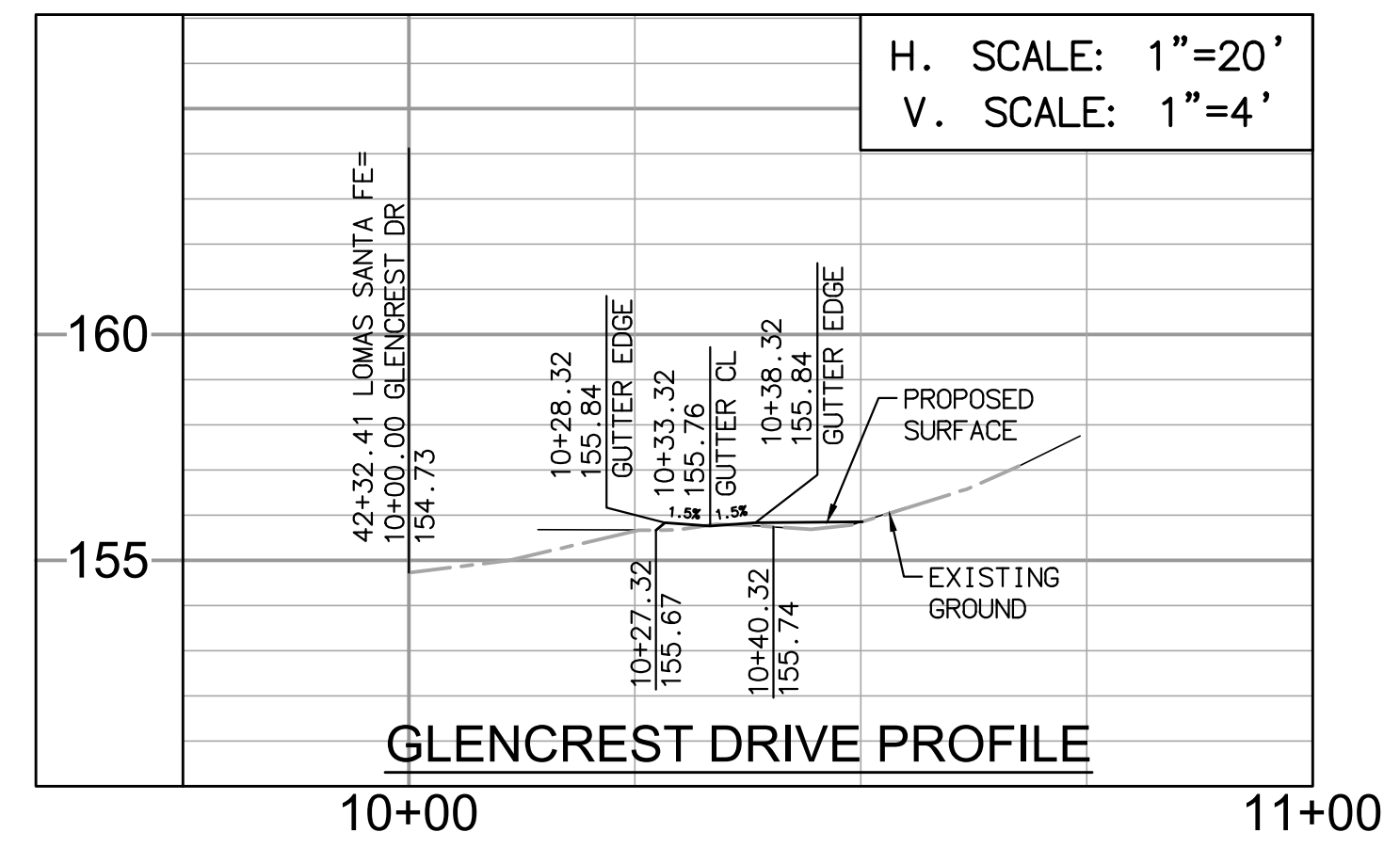
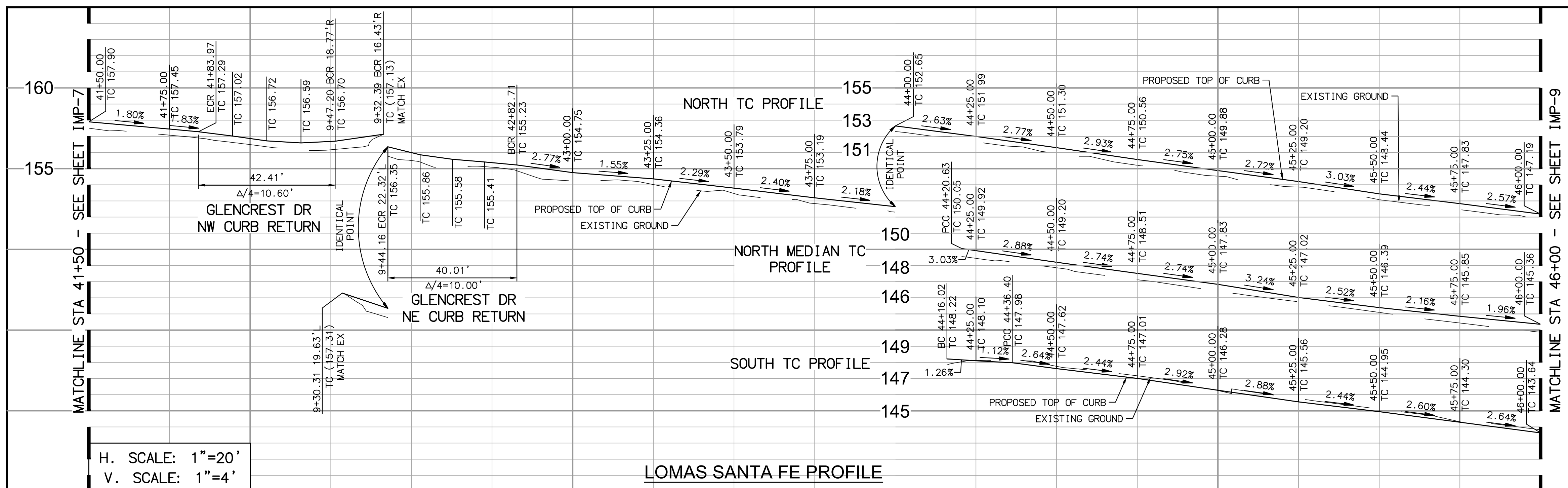
RECOMMENDED FOR APPROVAL
By: _____ Date: _____
By: _____ Date: _____

APPROVED FOR CONSTRUCTION
By: _____ Date: _____
Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH ENGINEERING DEPARTMENT
IMPROVEMENT PLANS FOR: IMPROVEMENT PLAN & PROFILE
LOMAS SANTA FE CORRIDOR

DRAWING NO.
CG-3185
Sheet 12 of 73



DEMOLITION NOTES

- 1 PROTECT IN PLACE
- 2 ADJUST TO FINISH GRADE
- 3 SAWCUT EXISTING PAVEMENT
- 4 REMOVE EXISTING CURB AND GUTTER
- 5 REMOVE EXISTING CROSS GUTTER
- 6 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
- 7 REMOVE EXISTING MEDIAN CURB
- 8 REMOVE EXISTING CURB INLET. SEE DRAINAGE PLANS FOR NEW LOCATION.
- 9 REMOVE EXISTING SIDEWALK
- 10 REMOVE EXISTING RAILING
- 11 REMOVE TREE GRATE, SEE LANDSCAPE PLANS
- 12 GRIND EXISTING AC PAVEMENT 2"
- 13 REMOVE EXISTING MEDIAN PAVERS
- 14 RELOCATE EXISTING TREE, SEE LANDSCAPE PLANS

CONSTRUCTION NOTES

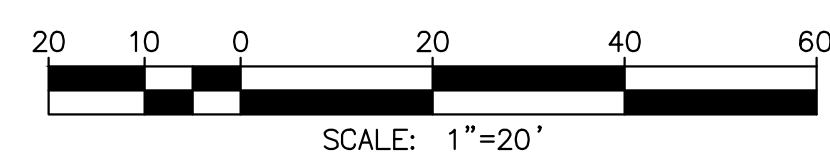
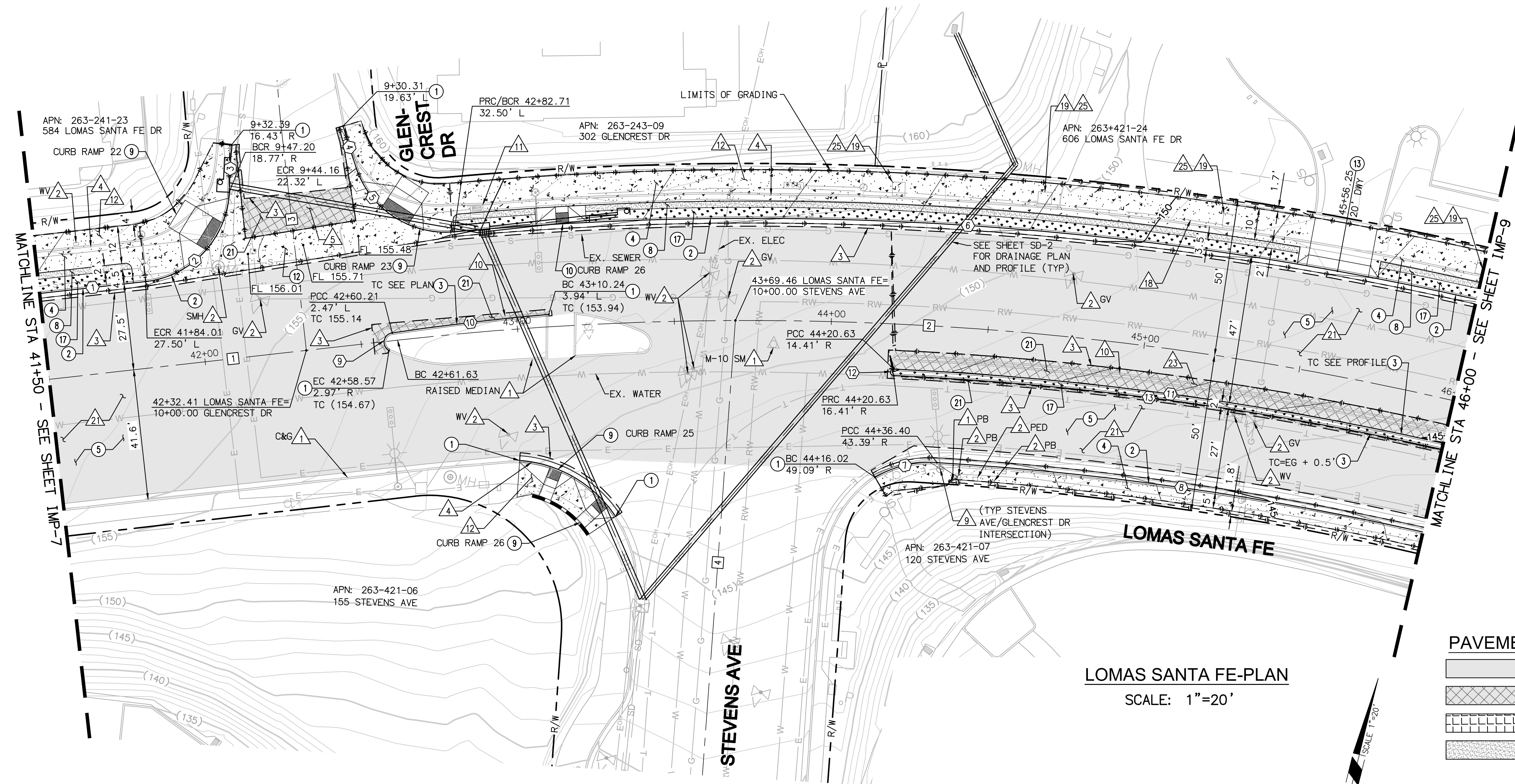
- 1 MATCH EXISTING IMPROVEMENTS.
- 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
- 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
- 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
- 5 OVERLAY AC PAVEMENT 2"
- 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
- 7 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
- 8 CONSTRUCT TYPE B DIRECTIONAL CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
- 9 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
- 10 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
- 11 LANDSCAPE AREA PER LANDSCAPING PLANS.
- 12 CONSTRUCT 12" AC PATCH

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N69°37'38"E	---	34.01'	6" CURB & GUTTER
2	80°59'42"	30.00'	42.41'	6" CURB & GUTTER
3	N11°22'04"W	---	14.99'	6" CURB & GUTTER
4	02°46'47"	290.90'	14.11'	6" CURB & GUTTER
5	76°24'33"	30.00'	40.01'	6" CURB & GUTTER
6	17°58'25"	1044.50'	327.66'	6" CURB & GUTTER
7	33°38'24"	35.00'	20.55'	6" CURB & GUTTER
8	09°15'37"	968.50'	156.53'	6" CURB & GUTTER
9	142°29'02"	3.00'	7.46'	MEDIAN CURB
10	03°23'04"	850.00'	50.21'	MEDIAN CURB
11	10°09'23"	997.50'	176.82'	MEDIAN CURB
12	180°00'00"	1.00'	3.14'	MEDIAN CURB
13	10°09'22"	995.50'	176.46'	MEDIAN CURB

NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N69°37'38"E	---	111.63'	LOMAS SANTA FE DR
2	19°23'14"	1000.00'	338.37'	LOMAS SANTA FE DR
3	N20°22'22"W	---	77.92'	GLENCREST DR
4	N09°47'52"W	---	184.19'	STEVENS AVE

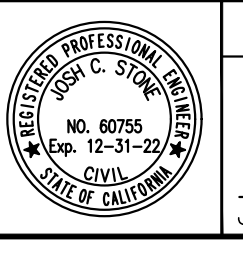
PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



AS-BUILT
 By: _____ Date: _____
 R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
 5050 Avenida Encinas Suite 260 Carlsbad, CA 92008
 Phone: (760) 476-9193
 M.BAKERINTL.COM



ENGINEER OF WORK
 JOSH C. STONE RCE 60755 DATE _____

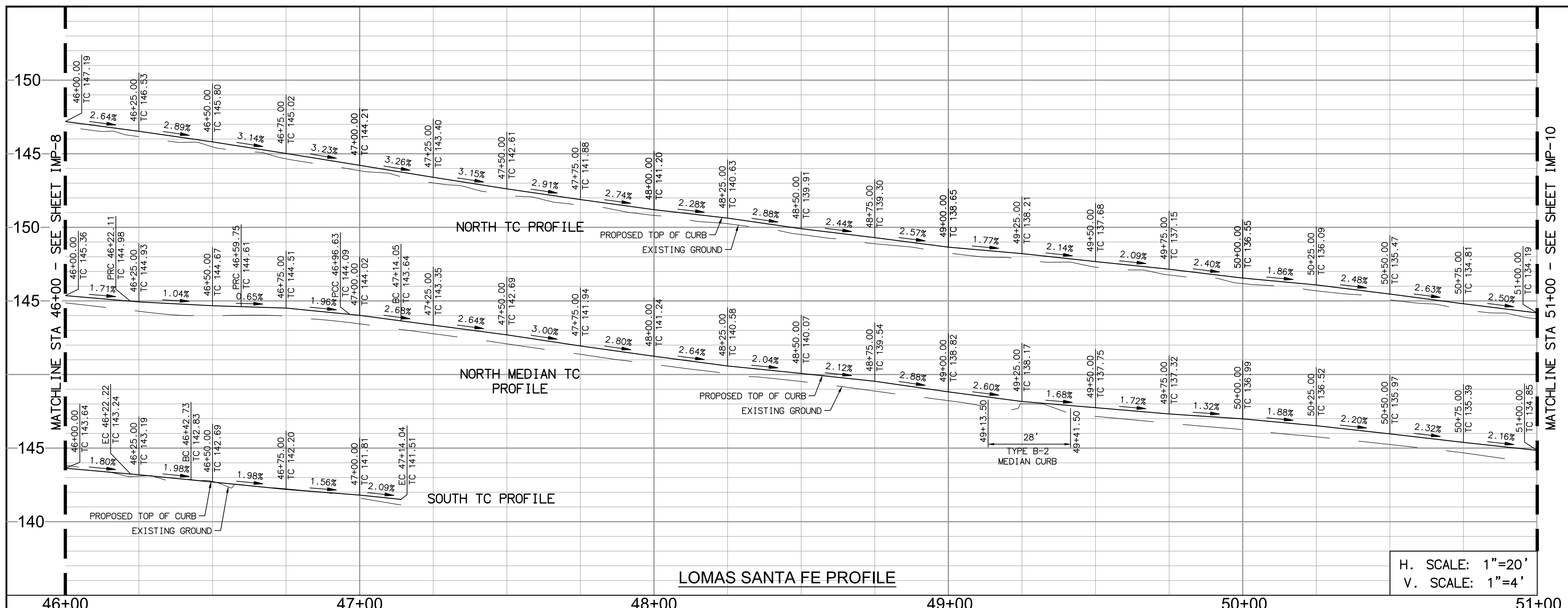
CITY APPROVED CHANGES
 APP'D DATE _____

RECOMMENDED FOR APPROVAL
 By: _____ Date: _____

APPROVED FOR CONSTRUCTION
 Mohammad Sammak, City Engineer
 R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
 DESCRIPTION: _____
 LOCATION: _____
 ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH ENGINEERING DEPARTMENT
 IMPROVEMENT PLANS FOR: **LOMAS SANTA FE CORRIDOR**
 IMPROVEMENT PLAN & PROFILE
CG-3185
 Sheet 13 of 73



- DEMOLITION NOTES**
- ▲ PROTECT IN PLACE
 - ▲ ADJUST TO FINISH GRADE
 - ▲ SAWCUT EXISTING PAVEMENT
 - ▲ REMOVE EXISTING CURB AND GUTTER
 - ▲ REMOVE EXISTING MEDIAN CURB
 - ▲ REMOVE EXISTING CURB INLET. SEE DRAINAGE PLANS FOR NEW LOCATION.
 - ▲ REMOVE EXISTING SIDEWALK
 - ▲ REMOVE EXISTING RAILING
 - ▲ REMOVE TREE GRATE, SEE LANDSCAPE PLANS
 - ▲ GRIND EXISTING AC PAVEMENT 2"
 - ▲ REMOVE EXISTING MEDIAN PAVERS
 - ▲ RELOCATE EXISTING TREE, SEE LANDSCAPE PLANS

- CONSTRUCTION NOTES**
- ① MATCH EXISTING IMPROVEMENTS.
 - ② CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - ③ CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
 - ④ CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - ⑤ OVERLAY AC PAVEMENT 2"
 - ⑧ CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - ⑬ CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14 FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
 - ⑰ LANDSCAPE AREA PER LANDSCAPING PLANS.
 - ⑳ CONSTRUCT 12" AC PATCH
 - ㉓ CONSTRUCT TYPE B-2 MEDIAN CURB PER SDRSD G-6.

H. SCALE: 1"=20'
V. SCALE: 1"=4'

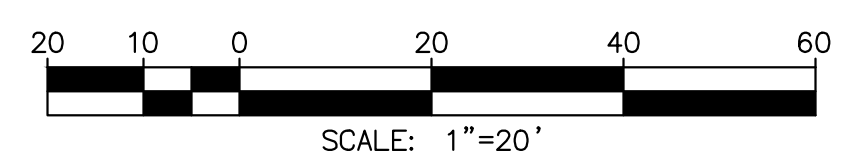
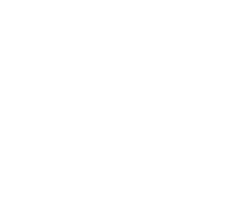
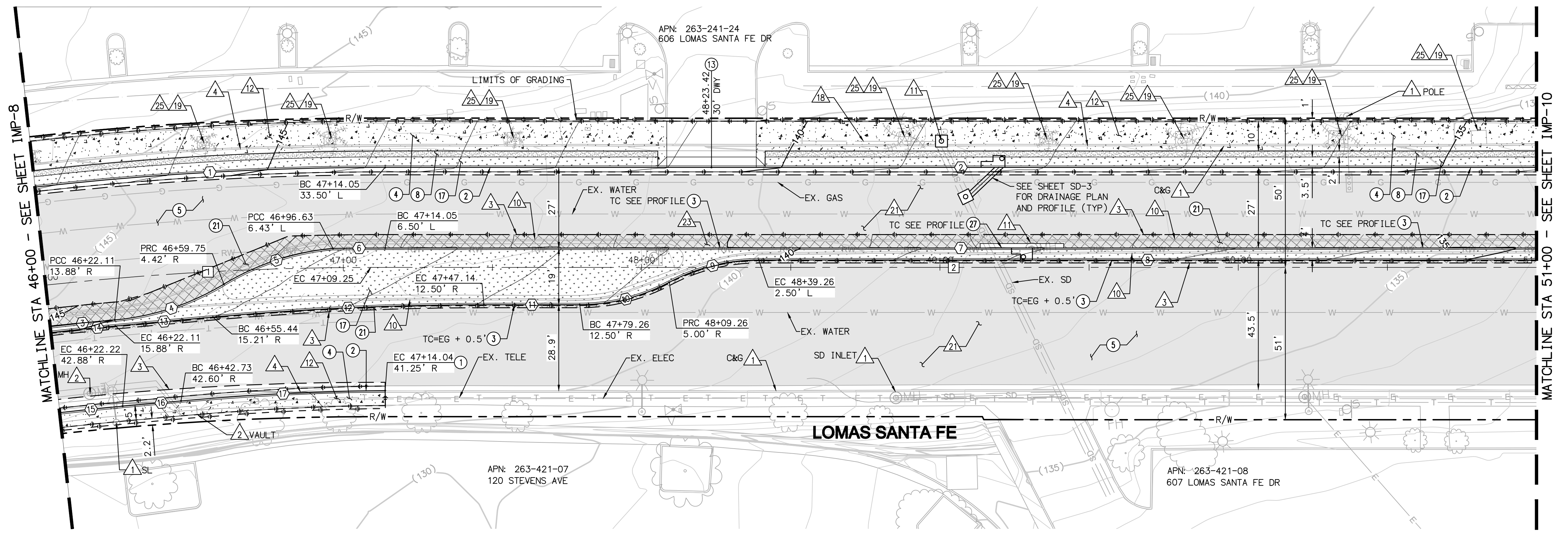
- PAVEMENT LEGEND**
- 2" AC GRIND & OVERLAY
 - 12" AC PATCH
 - BUS PAD 9" PCC/6" CTB
 - 4" STABILIZED DECOMPOSED GRANITE SHOULDER

CURB DATA TABLE

NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	06°27'20"	1044.50'	117.68'	6" CURB & GUTTER
2	N84°43'34"W	--	385.95'	6" CURB & GUTTER
3	01°15'07"	997.50'	21.80'	MEDIAN CURB
4	25°49'26"	86.10'	38.80'	MEDIAN CURB
5	25°49'26"	86.10'	38.80'	MEDIAN CURB
6	00°59'08"	1017.50'	17.50'	MEDIAN CURB
7	N84°43'34"W	--	385.95'	MEDIAN CURB
8	N84°43'34"W	--	260.74'	MEDIAN CURB
9	28°04'23"	63.75'	31.23'	MEDIAN CURB
10	28°04'23"	63.75'	31.23'	MEDIAN CURB
11	N84°43'34"W	--	32.13'	MEDIAN CURB
12	05°12'46"	1000.00'	90.98'	MEDIAN CURB
13	N89°56'20"W	--	32.82'	MEDIAN CURB
14	01°15'09"	995.50'	21.76'	MEDIAN CURB
15	01°15'29"	968.50'	21.27'	6" CURB & GUTTER
16	N89°56'20"W	--	19.64'	6" CURB & GUTTER
17	04°37'11"	850.00'	68.53'	6" CURB & GUTTER

CENTERLINE DATA TABLE

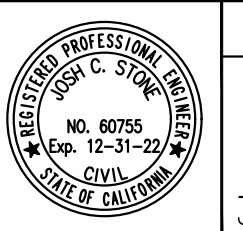
NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	06°15'34"	1000.00'	109.25'	LOMAS SANTA FE DR
2	N84°43'34"W	--	390.75'	LOMAS SANTA FE DR



LOMAS SANTA FE-PLAN
SCALE: 1"=20'

AS-BUILT
By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas Suite 260 Carlsbad, CA 92008
Phone: (760) 476-9193
mbakerintl.com



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE _____

CITY APPROVED CHANGES
APP'D DATE _____

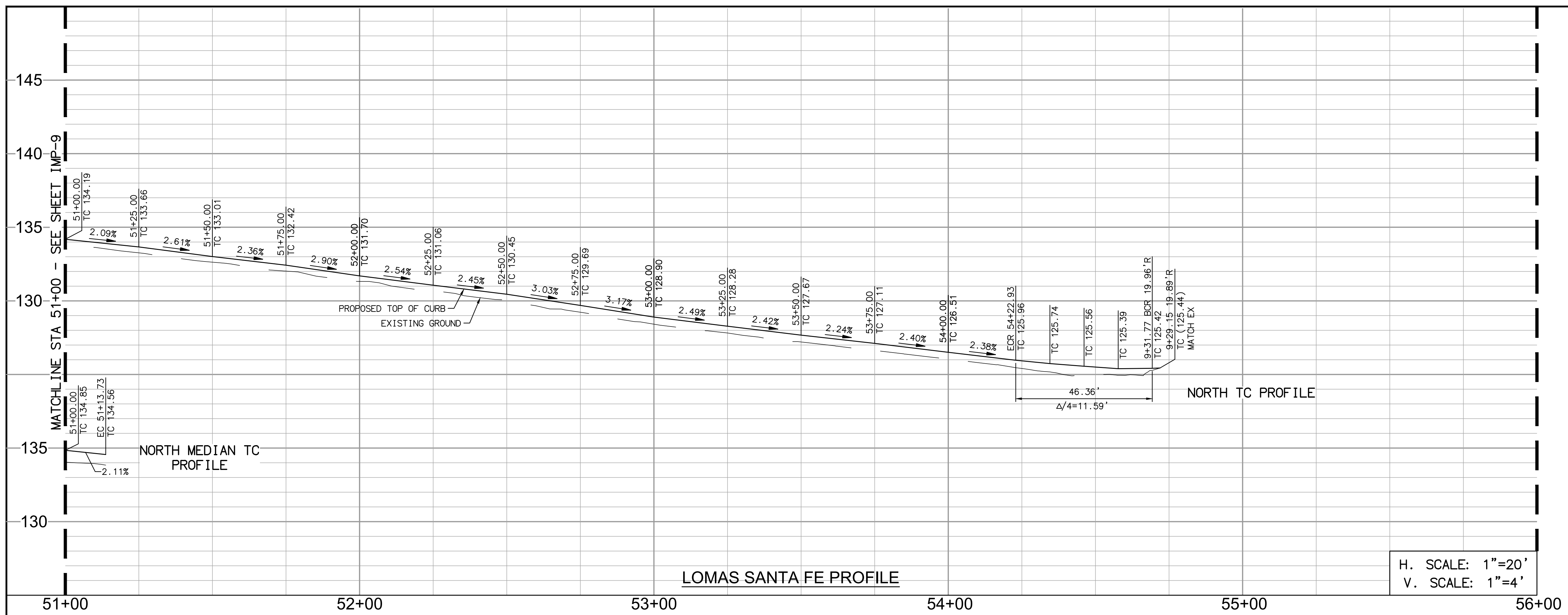
RECOMMENDED FOR APPROVAL
By: _____ Date: _____
By: _____ Date: _____

APPROVED FOR CONSTRUCTION
By: Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

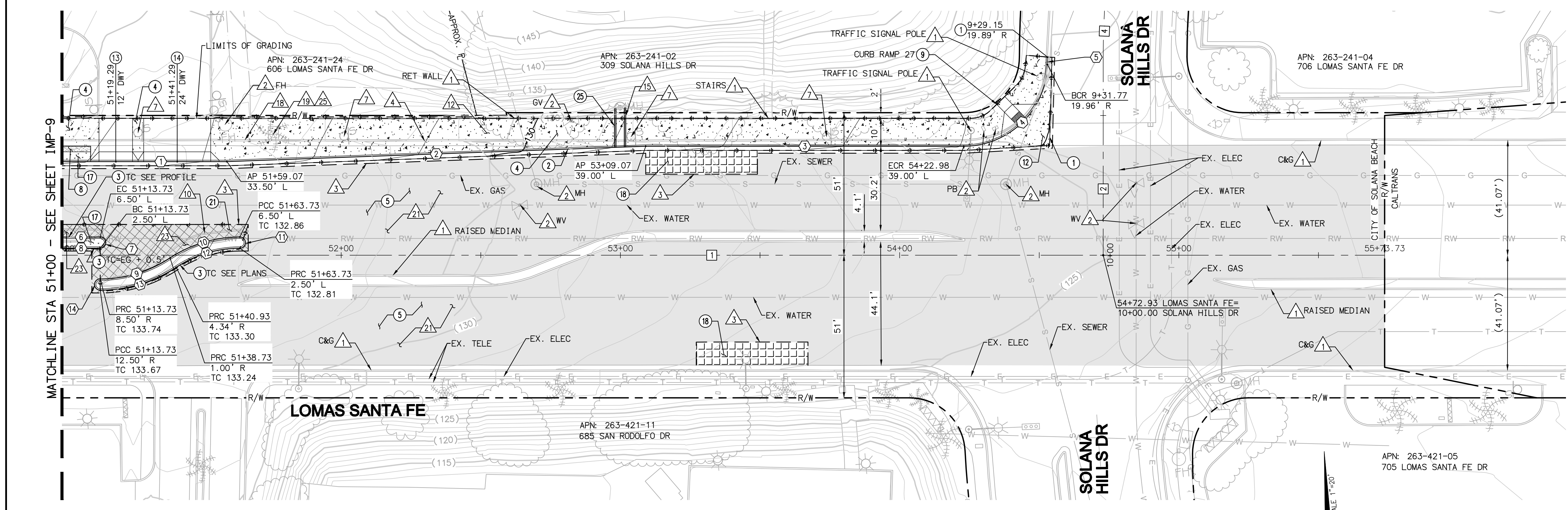
ENGINEERING DEPARTMENT
IMPROVEMENT PLAN & PROFILE
DRAWING NO. **CG-3185**
Sheet 14 of 73



- ### DEMOLITION NOTES
- 1 PROTECT IN PLACE
 - 2 ADJUST TO FINISH GRADE
 - 3 SAWCUT EXISTING PAVEMENT
 - 4 REMOVE EXISTING CURB AND GUTTER
 - 5 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
 - 6 REMOVE EXISTING MEDIAN CURB
 - 7 REMOVE EXISTING SIDEWALK
 - 8 REMOVE EXISTING CURB OUTLET
 - 9 REMOVE EXISTING RAILING
 - 10 REMOVE TREE GRATE, SEE LANDSCAPE PLANS
 - 11 GRIND EXISTING AC PAVEMENT 2"
 - 12 REMOVE EXISTING MEDIAN PAVERS
 - 13 RELOCATE EXISTING TREE, SEE LANDSCAPE PLANS

- ### CONSTRUCTION NOTES
- 1 MATCH EXISTING IMPROVEMENTS.
 - 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
 - 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - 5 OVERLAY AC PAVEMENT 2"
 - 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - 9 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 12 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
 - 13 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR COMMERCIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
 - 14 CONSTRUCT TYPE A CONCRETE DRIVEWAY PER SDRSD G14A FOR RESIDENTIAL USE. SEE DETAILS ON SHEET CN-7 TO CN-9.
 - 17 LANDSCAPE AREA PER LANDSCAPING PLANS.
 - 18 CONSTRUCT 40' X 10' CASE III PCC BUS PAD, 9" PCC OVER 6" CTB, PER DETAIL 4 ON SHEET C-11
 - 21 CONSTRUCT 12" AC PATCH
 - 25 REPLACE EXISTING TYPE A CURB OUTLET IN KIND PER SDRSD D-25A.

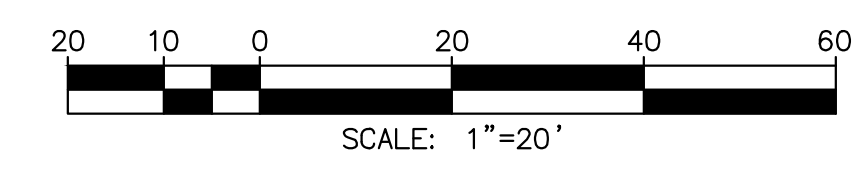
H. SCALE: 1"=20'
V. SCALE: 1"=4'



NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N84°43'34"W	---	59.07'	6" CURB & GUTTER
2	N86°49'34"W	---	150.10'	6" CURB & GUTTER
3	N84°43'34"W	---	113.91'	6" CURB & GUTTER
4	88°32'09"	30.00'	46.36'	6" CURB & GUTTER
5	N06°44'17"E	---	2.62'	6" CURB & GUTTER
6	N84°43'34"W	---	13.73'	MEDIAN CURB
7	180°00'00"	2.00'	6.28'	MEDIAN CURB
8	N84°43'34"W	---	13.73'	MEDIAN CURB
9	33°23'57"	45.42'	26.47'	MEDIAN CURB
10	33°23'57"	45.42'	26.47'	MEDIAN CURB
11	180°00'00"	2.00'	6.28'	MEDIAN CURB
12	33°23'58"	41.42'	24.14'	MEDIAN CURB
13	33°23'57"	49.42'	28.81'	MEDIAN CURB
14	180°00'00"	2.00'	6.28'	MEDIAN CURB

	2" AC GRIND & OVERLAY
	12" AC PATCH
	BUS PAD 9" PCC/6" CTB
	4" STABILIZED DECOMPOSED GRANITE SHOULDER

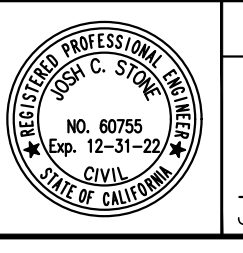
NO	BEARING/Delta	RADIUS	LENGTH	NOTE
1	N84°43'34"W	---	473.73'	LOMAS SANTA FE DR
2	N05°16'26"E	---	71.00'	SOLANA HILLS DR
4	03°08'56"	300.00'	16.49'	SOLANA HILLS DR



LOMAS SANTA FE-PLAN
SCALE: 1"=20'

AS-BUILT
By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas Suite 260 Carlsbad, CA 92008
Phone: (760) 476-9193
mbakerintl.com



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE

CITY APPROVED CHANGES
APP'D DATE

RECOMMENDED FOR APPROVAL
By: _____ Date: _____
By: _____ Date: _____

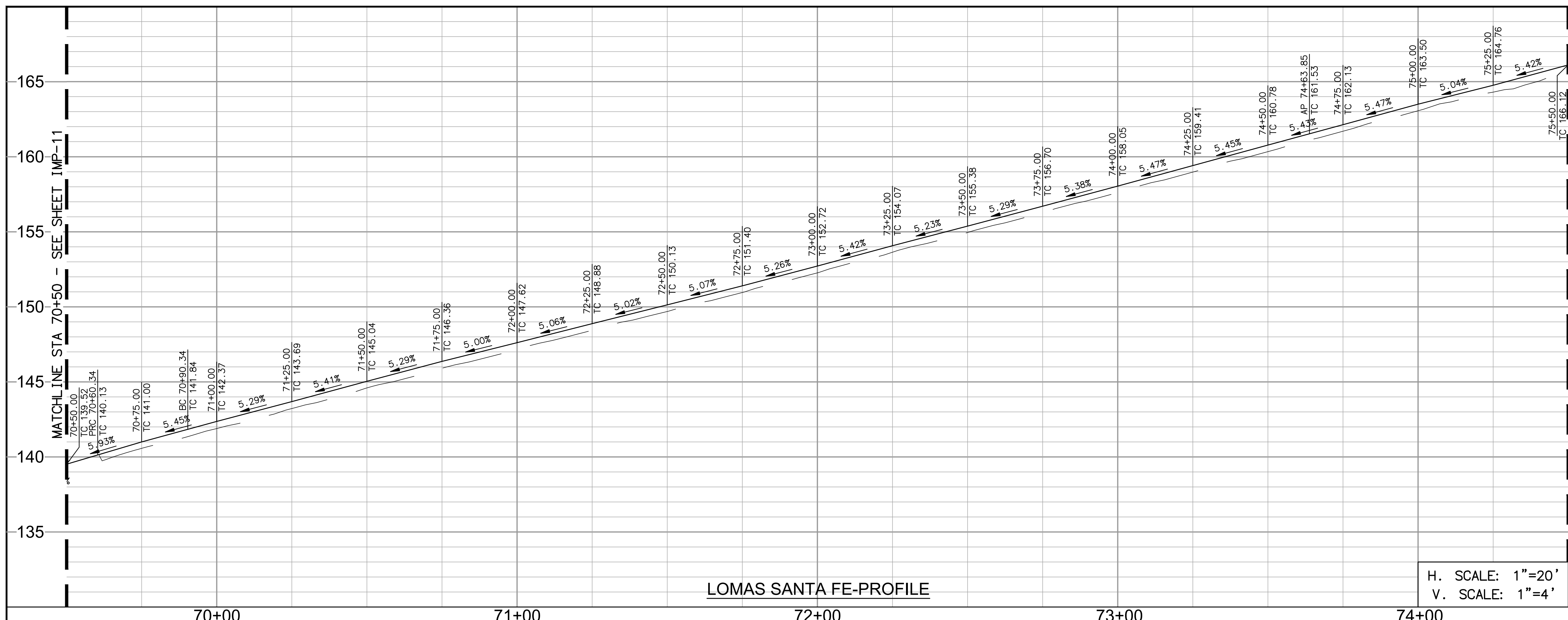
APPROVED FOR CONSTRUCTION
By: _____ Date: _____
Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____ LOCATION: _____ ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH
IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR

ENGINEERING DEPARTMENT
IMPROVEMENT PLAN & PROFILE

DRAWING NO.
CG-3185
Sheet 15 of 73



LOMAS SANTA FE-PROFILE

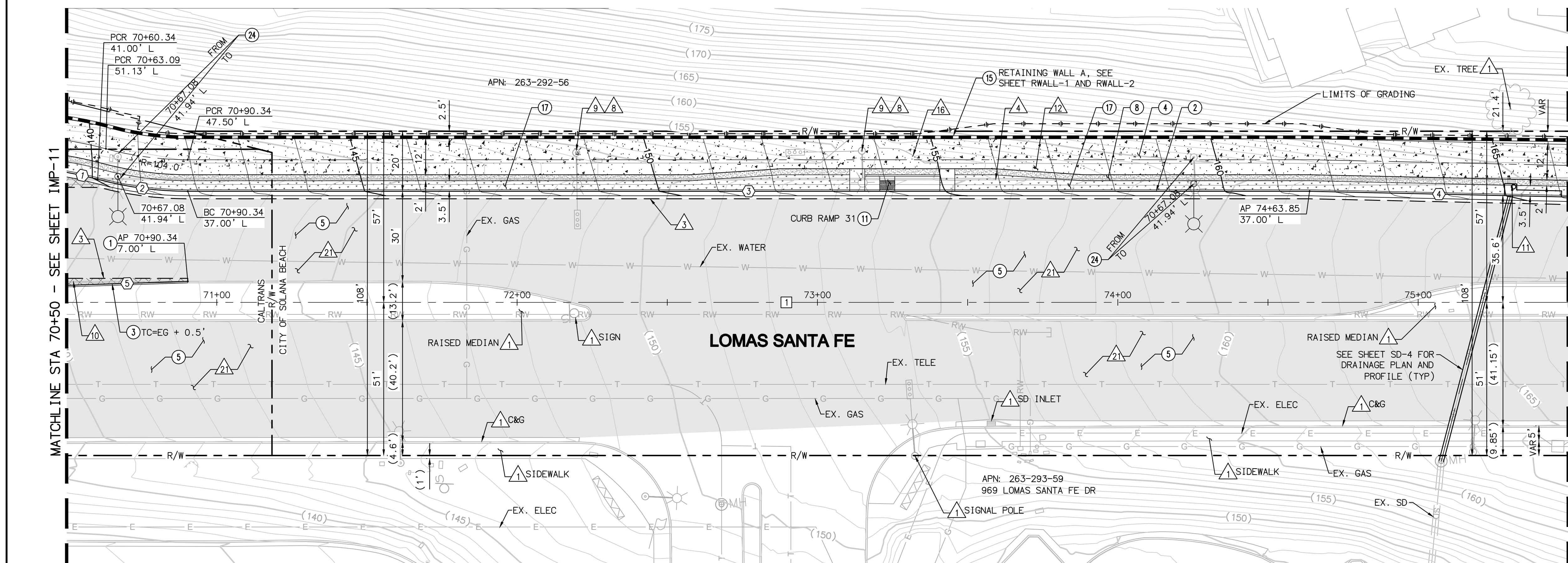
H. SCALE: 1"=20'
V. SCALE: 1"=4'

DEMOLITION NOTES

- 1 PROTECT IN PLACE
- 2 SAWCUT EXISTING PAVEMENT
- 3 REMOVE EXISTING CURB AND GUTTER
- 4 RELOCATE EXISTING STREET LIGHT PER STREET LIGHTING PLANS
- 5 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
- 6 REMOVE EXISTING MEDIAN CURB
- 7 REMOVE EXISTING CURB INLET. SEE DRAINAGE PLANS FOR NEW LOCATION.
- 8 REMOVE EXISTING SIDEWALK
- 9 REMOVE EXISTING RETAINING WALL
- 10 GRIND EXISTING AC PAVEMENT 2"

CONSTRUCTION NOTES

- 1 MATCH EXISTING IMPROVEMENTS.
- 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
- 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
- 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
- 5 OVERLAY AC PAVEMENT 2"
- 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
- 7 CONSTRUCT TYPE C CURB RAMP PER SDRSD G-29. SEE DETAILS ON SHEET CN-1 TO CN-6.
- 8 CONSTRUCT RETAINING WALL. SEE SHEET RWALL-1 TO RWALL-4 FOR PLAN AND PROFILE.
- 9 LANDSCAPE AREA PER LANDSCAPING PLANS.
- 10 RELOCATE EXISTING STREET LIGHT PER SDRSD E-01 AND E-02. SPLICE NEW TO EXISTING CONDUCTORS.



LOMAS SANTA FE-PLAN

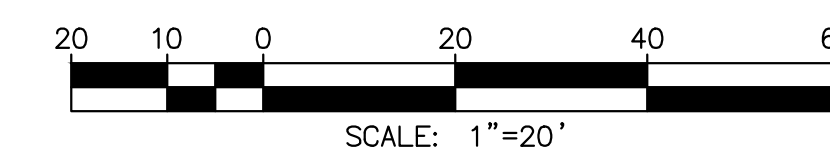
SCALE: 1"=20'

CURB DATA TABLE				
NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	05°18'01"	114.50'	10.59'	6" CURB & GUTTER
2	15°11'21"	114.50'	30.35'	6" CURB & GUTTER
3	N84°43'48"W	---	373.52'	6" CURB & GUTTER
4	N83°27'25"W	---	86.17'	6" CURB & GUTTER
5	N86°38'24"W	---	40.36'	MEDIAN CURB

CENTERLINE DATA TABLE				
NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N84°43'48"W	---	500.00'	LOMAS SANTA FE DRIVE

PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



AS-BUILT

PLAN CODE

IMP-12

By: _____ Date: _____
R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
5050 Avenida Encinas Suite 260 Carlsbad, CA 92008
Phone: (760) 476-9193
mbakerintl.com



ENGINEER OF WORK
JOSH C. STONE RCE 60755 DATE

CITY APPROVED CHANGES
APP'D DATE

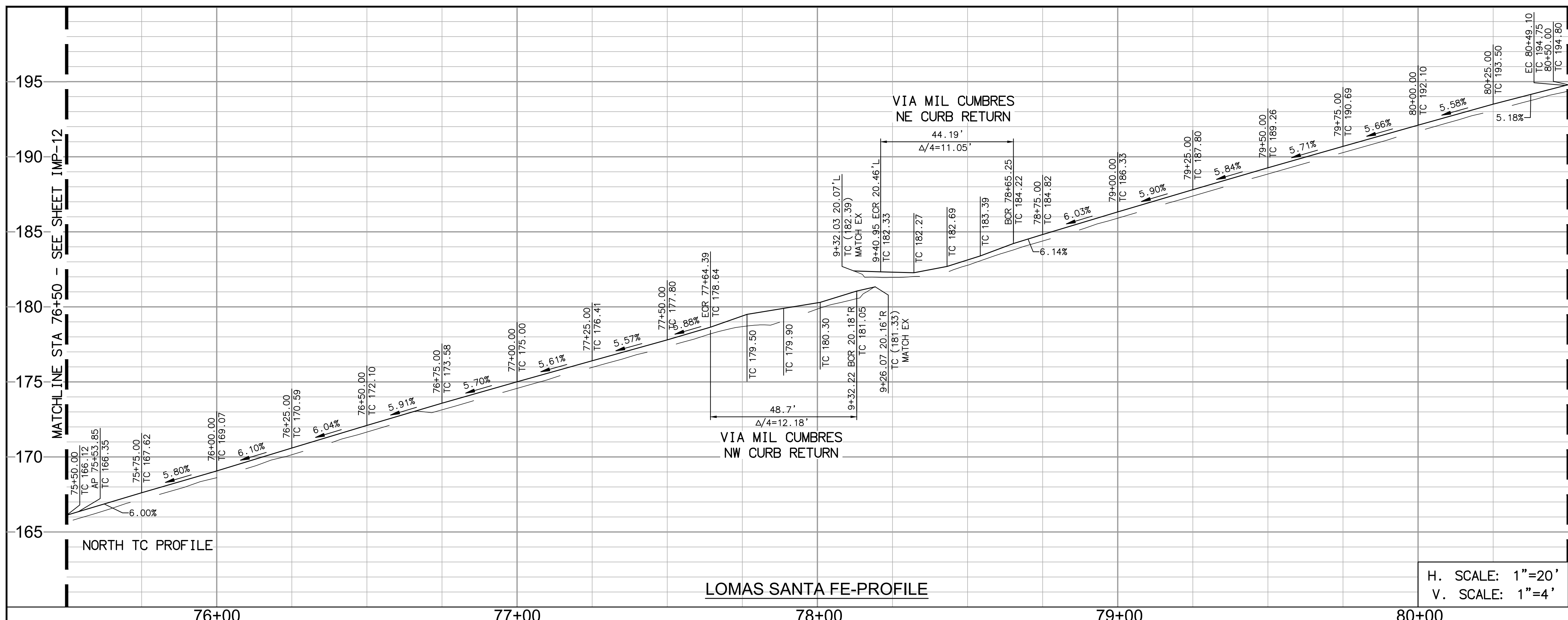
RECOMMENDED FOR APPROVAL
By: _____ Date: _____
By: _____ Date: _____

APPROVED FOR CONSTRUCTION
By: _____ Date: _____
Mohammad Sammak, City Engineer
R.C.E.: 37146 Exp: 6/30/22

BENCH MARK
DESCRIPTION: _____
LOCATION: _____
ELEV.: _____ DATUM: M.S.L.

CITY OF SOLANA BEACH ENGINEERING DEPARTMENT
IMPROVEMENT PLANS FOR: IMPROVEMENT PLAN & PROFILE
LOMAS SANTA FE CORRIDOR

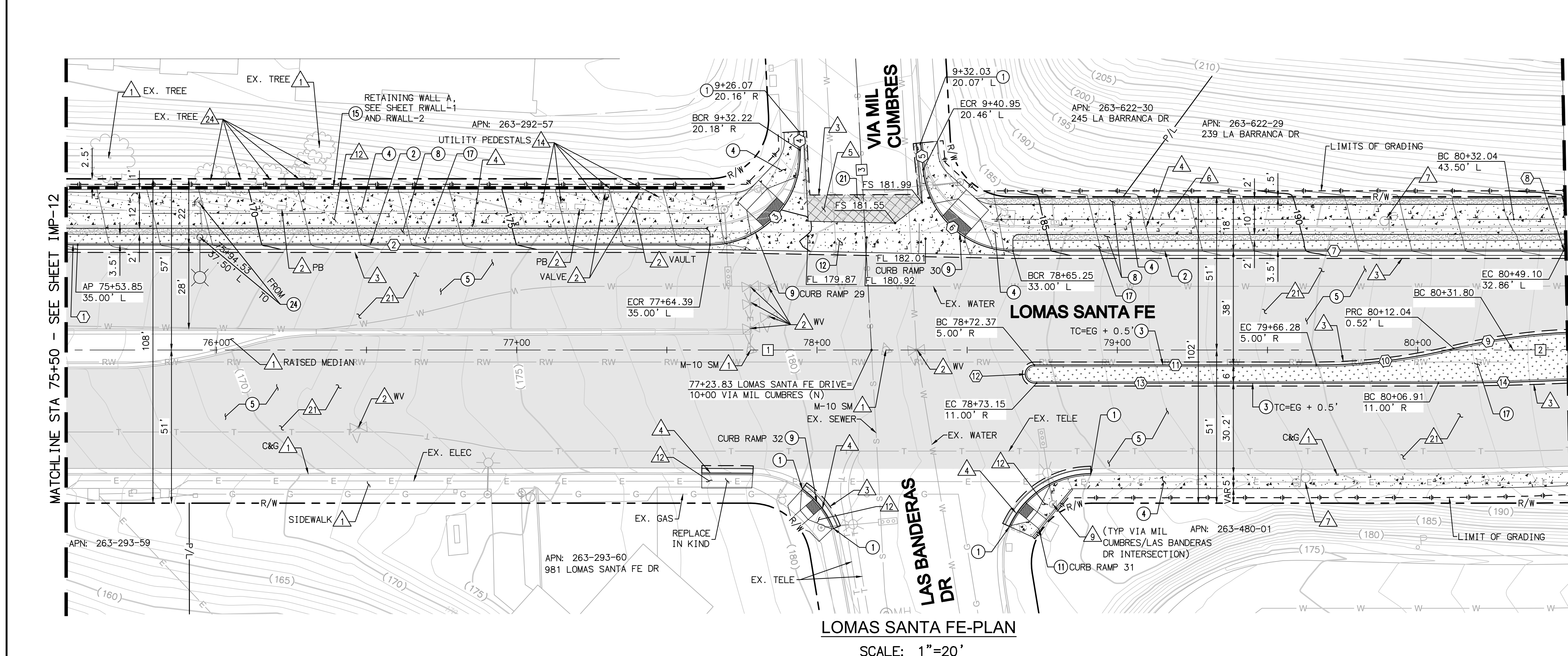
DRAWING NO. **CG-3185**
Sheet 17 of 73



- ### DEMOLITION NOTES
- 1 PROTECT IN PLACE
 - 2 ADJUST TO FINISH GRADE
 - 3 SAWCUT EXISTING PAVEMENT
 - 4 REMOVE EXISTING CURB AND GUTTER
 - 5 REMOVE EXISTING CROSS GUTTER
 - 6 REMOVE EXISTING AC PATH
 - 7 RELOCATE EXISTING SIGN PER SIGNING AND STRIPING PLANS
 - 8 REMOVE/RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT PER TRAFFIC SIGNAL MODIFICATIONS PLANS
 - 9 REMOVE EXISTING SIDEWALK
 - 10 TO BE RELOCATED BY OTHERS
 - 11 GRIND EXISTING AC PAVEMENT 2"
 - 12 REMOVE EXISTING TREE

- ### CONSTRUCTION NOTES
- 1 MATCH EXISTING IMPROVEMENTS.
 - 2 CONSTRUCT TYPE G 6" CURB AND GUTTER PER SDRSD G-2.
 - 3 CONSTRUCT TYPE B-1 MEDIAN CURB PER SDRSD G-6.
 - 4 CONSTRUCT PCC SIDEWALK PER SDRSD G-7
 - 5 OVERLAY AC PAVEMENT 2"
 - 6 CONSTRUCT 4" STABILIZED DECOMPOSED GRANITE SHOULDER.
 - 7 CONSTRUCT TYPE A CURB RAMP PER SDRSD G-27. SEE DETAILS ON SHEETS CN-1 TO CN-6.
 - 8 CONSTRUCT TYPE C CURB RAMP PER SDRSD G-29. SEE DETAILS ON SHEET CN-1 TO CN-6.
 - 9 CONSTRUCT CONCRETE CROSS GUTTER PER SDRSD G-12
 - 10 CONSTRUCT RETAINING WALL. SEE SHEET RWALL-1 TO RWALL-4 FOR PLAN AND PROFILE.
 - 11 LANDSCAPE AREA PER LANDSCAPING PLANS.
 - 12 CONSTRUCT 12" AC PATCH
 - 13 RELOCATE EXISTING STREET LIGHT PER SDRSD E-01 AND E-02. SPLICE NEW TO EXISTING CONDUCTORS.

H. SCALE: 1"=20'
V. SCALE: 1"=4'

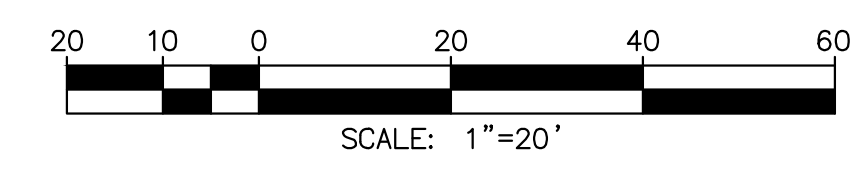


NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N83°27'25"W	---	3.85'	6" CURB & GUTTER
2	N84°43'48"W	---	210.54'	6" CURB & GUTTER
3	93°00'37"	30.00'	48.70'	6" CURB & GUTTER
4	N02°15'35"E	---	6.16'	6" CURB & GUTTER
5	N00°19'50"W	---	8.93'	6" CURB & GUTTER
6	84°23'58"	30.00'	44.19'	6" CURB & GUTTER
7	N84°43'48"W	---	183.28'	6" CURB & GUTTER
8	00°03'00"	1000.00'	0.87'	6" CURB & GUTTER
9	11°23'56"	192.50'	38.30'	MEDIAN CURB
10	13°45'04"	192.50'	46.20'	MEDIAN CURB
11	N84°43'48"W	---	93.91'	MEDIAN CURB
12	180°00'00"	3.00'	9.42'	MEDIAN CURB
13	N84°43'48"W	---	134.54'	MEDIAN CURB
14	02°33'26"	970.00'	43.29'	MEDIAN CURB

NO	BEARING/DELTA	RADIUS	LENGTH	NOTE
1	N84°43'48"W	---	481.80'	LOMAS SANTA FE DR
2	01°02'34"	1000.00'	18.20'	LOMAS SANTA FE DR
3	N02°09'09"E	---	97.20'	VIA MIL CUMBRES

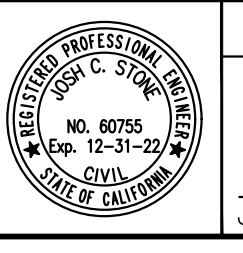
PAVEMENT LEGEND

- 2" AC GRIND & OVERLAY
- 12" AC PATCH
- BUS PAD 9" PCC/6" CTB
- 4" STABILIZED DECOMPOSED GRANITE SHOULDER



AS-BUILT
PLAN CODE
 IMP-13
 By: _____ Date: _____
 R.C.E.: _____ Exp: _____

Michael Baker INTERNATIONAL
 5050 Avenida Encinas
 Suite 260
 Carlsbad, CA 92008
 Phone: (760) 476-9193
 MBIKERINTL.COM



ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE
JOSH C. STONE RCE 60755			

RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION
By: _____ Date: _____	By: _____ Date: _____
By: _____ Date: _____	Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 6/30/22

BENCH MARK	DESCRIPTION:	ELEV.:	DATUM: M.S.L.
	LOCATION:		

CITY OF SOLANA BEACH
 ENGINEERING DEPARTMENT
 IMPROVEMENT PLANS FOR:
LOMAS SANTA FE CORRIDOR
 IMPROVEMENT PLAN & PROFILE
CG-3185
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