

NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM (NPDES) NOTES

- IN CASE OF EMERGENCY, CALL _____ AT: WORK
PHONE NUMBER _____ ALTERNATE PHONE NUMBER: _____
- SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE
RETAINED ON SITE USING AN EFFECTIVE COMBINATION OF EROSION AND
SEDIMENT CONTROLS, TO INCLUDE STRUCTURAL AND NON-STRUCTURAL BEST
MANAGEMENT PRACTICES (BMPs) TO THE MAXIMUM EXTENT PRACTICABLE.
- STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT
TRANSPORT TO THE STREET, DRAINAGE FACILITIES OR ADJACENT PROPERTIES
VIA RUNOFF, TRACKING OR WIND.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE MADE AWARE OF BMPs
FOR THE CONSTRUCTION SITE AND STAGING AREA(S).
- AT THE END OF EACH WORKING DAY ALL CONSTRUCTION DEBRIS AND WASTE
MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR
RECYCLE BINS.
- THE CONSTRUCTION SITE SHALL BE MAINTAINED WITH BMPs IN PLACE FOR
ALL STORM EVENTS AND ANTICIPATED STORM EVENTS. THIS WILL INSURE
CONSTRUCTION RELATED POLLUTANTS DO NOT TRAVEL OFF SITE.
- EQUIPMENT AND WORKERS SHALL BE MADE AVAILABLE FOR EMERGENCIES
DURING RAIN OR WIND EVENTS. NECESSARY MATERIALS SHALL BE AVAILABLE
ON SITE AND STOCK PILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID
DEPLOYMENT AND CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN OR
WIND IS IMMINENT.
- ALL EROSION CONTROL DEVICES SHALL BE IN PLACE AT THE END OF EACH
WORKING DAY WHEN THE 5-DAY FORECAST PROBABILITY OF RAIN EXCEEDS
40%.
- ALL NON-STORM WATER DISCHARGES MUST BE IN ACCORDANCE WITH ALL
APPLICABLE LAWS, REGULATIONS AND ORDINANCES. DISCHARGES
NONSTORM WATER CAN NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF
ANY WATER QUALITY STANDARD; THREATEN TO CAUSE POLLUTION,
CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A
QUANTITY REPORTABLE UNDER 40 CFR 117 AND 302.
- POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID
CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, PESTICIDES,
HERBICIDES, LUBRICANTS, HYDRAULIC, BATTERY OR RADIATOR FLUIDS;
VEHICLE AND EQUIPMENT WASH WATER, ENGINE AND EQUIPMENT STEAM
CLEANING WATER, CHEMICAL DEGREASERS AND CONCRETE WASH WATER;
TRASH, DEBRIS AND FLOATABLE WASTES.
- DISPOSAL OF HAZARDOUS WASTES SHALL BE AT SPECIFIED LOCATIONS ON
SITE, IN SEALED CONTAINERS, STORED IN SECONDARY CONTAINED AREAS AND
PROTECTED FROM STORM WATER. WASTES SHALL BE DISPOSED IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- DEWATERING OF CONTAMINATED GROUND WATER OR DISCHARGE OF
CONTAMINATED SOILS IS PROHIBITED. DEWATERING OF NON-CONTAMINATED
GROUND WATER REQUIRES A NPDES PERMIT.
- CONSTRUCTION SITE PERIMETERS MUST BE GRADED TO DRAIN AWAY FROM
THE FACE OF SLOPES AT THE END OF EACH WORKING DAY. DRAINAGE IS TO
BE DIRECTED TOWARD DESILTING FACILITIES IF AVAILABLE.
- SEDIMENT CONTROLS SHALL BE INSPECTED TO INSURE THAT ALL BMPs ARE
IMPLEMENTED IN ACCORDANCE WITH APPROVED PLANS.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT
PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDMENT OF WATER CREATES A
HAZARDOUS CONDITION.

SHEET INDEX

- TITLE SHEET
- BROOKHURST ST REHABILITATION PLAN - HAZARD AVE TO WESTMINSTER AVE
- BROOKHURST STRIPING PLAN - HAZARD AVE TO WESTMINSTER AVE
- REDFLEX LOOP DETAILS
- CROSS GUTTER - HOPE ST AND MORNINGSIDE DR
- CROSS GUTTER - JENNRICH AVE AND LYNDON ST
- CROSS GUTTER - LYNDON ST AND JOHANNAH AVE
- CROSS GUTTER - FLOWER ST AND JOHANNAH AVE
- CROSS GUTTER - HARRINGTON ST AND JOHANNAH AVE
- CROSS GUTTER - CENTRAL AVE AND KERRY ST
- CROSS GUTTER - CENTRAL AVE AND ADLAND ST
- CURB RAMP REPLACEMENTS

UTILITIES

UTILITY	CONTACT PERSON	PHONE NO.
GARDEN GROVE SEWER DIVISION	SAMUEL KIM	(714) 741-5534
GARDEN GROVE WATER DIVISION	SAMUEL KIM	(714) 741-5534
GARDEN GROVE TRAFFIC DIVISION	TONY AQUINO	(714) 741-5193
SOUTHERN CALIFORNIA EDISON CO.	CECILIA CAMPOS	(714) 973-5445
THE GAS CO.	DON AMADOR	(714) 634-3039
AT&T	YVETTE MARTINEZ- GARAFANO	(714) 666-5692
O.C.T.A.	MARK SELLINGER	(714) 530-6060
TIME WARNER COMMUNICATIONS	JOHN LO	(714) 903-8213
COUNTY SANITATION DISTRICT OF O.C.	WENDY ALLISON	(714) 593-7880
VERIZON	LEO ESTOYU	(714) 357-6748

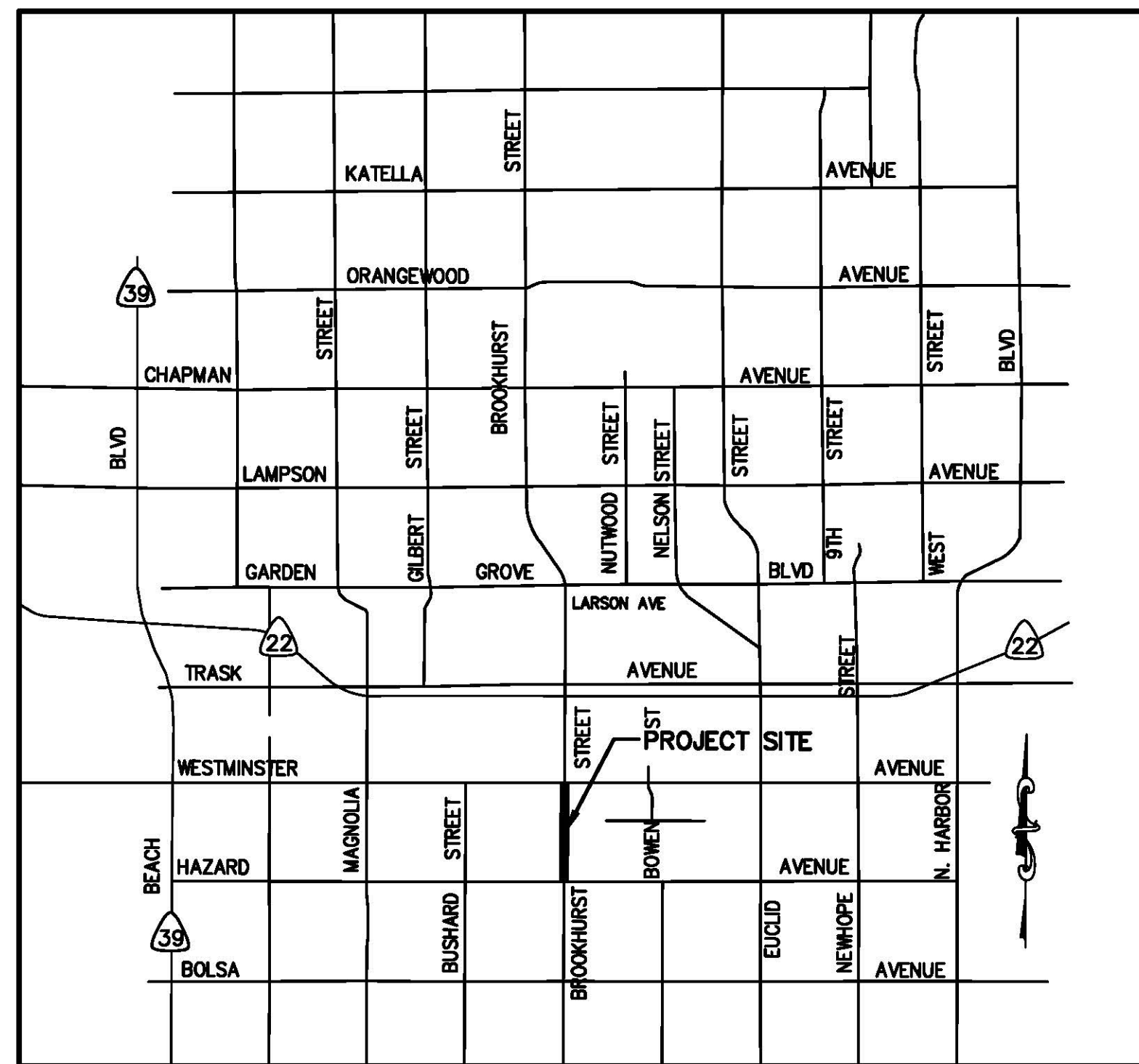


City Of Garden Grove
Department Of Public Works

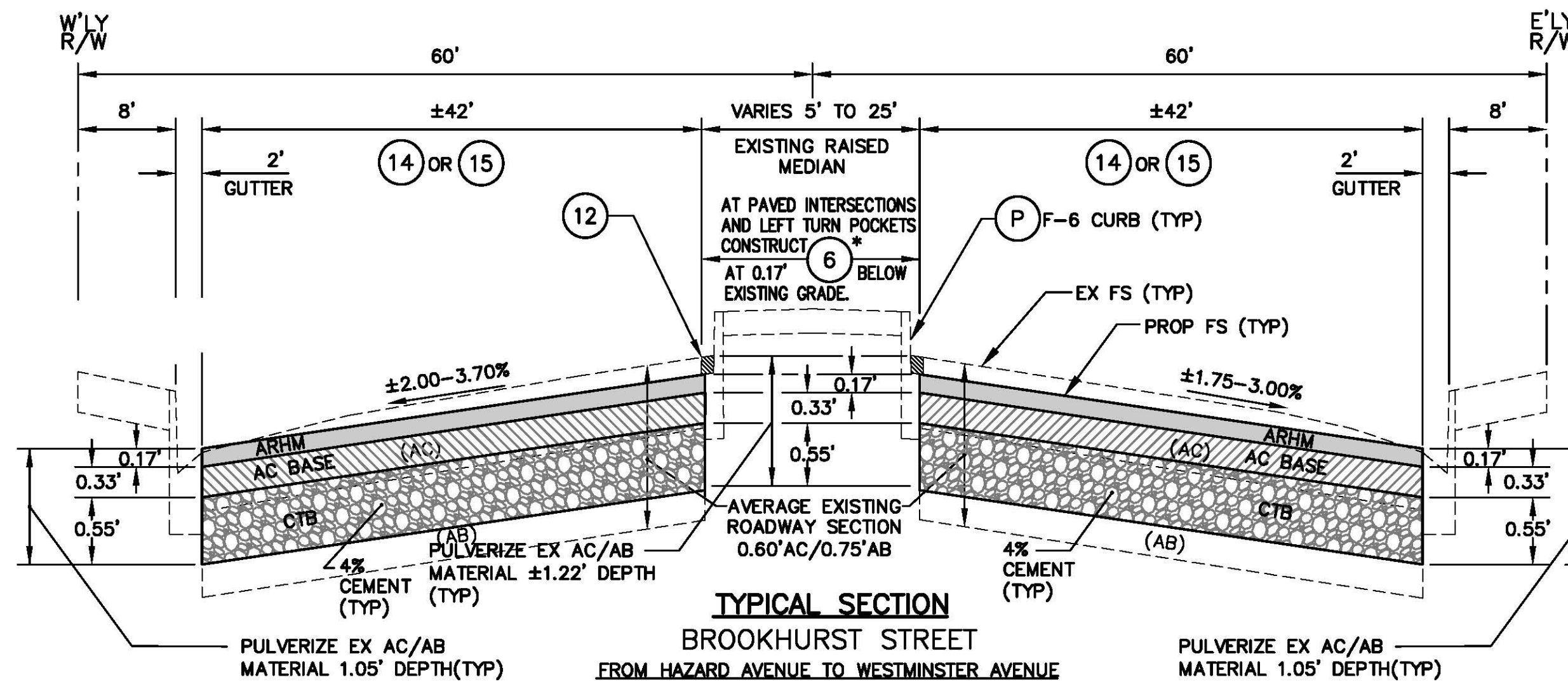
CITY OF GARDEN GROVE
BROOKHURST STREET
FROM HAZARD AVENUE TO WESTMINSTER AVENUE
CITY PROJECT NO. 7271

SYMBOL LEGEND

- X—X—X— FENCE
- BLOCKWALL
- TREE
- STREET LIGHT
- POWER POLE
- POWER POLE ANCHOR
- MANHOLE
- FIRE HYDRANT
- METER BOX
- VALVE
- CENTERLINE
- W — WATER LINE (SIZE PER PLAN)
- S — SEWER LINE (SIZE PER PLAN)
- SD — STORM DRAIN (SIZE PER PLAN)
- T — TELEPHONE LINE
- — — — — PROPERTY LINE/RIGHT OF WAY
- ⊕ SURVEY TIE
- ⊙ SURVEY MONUMENT



LOCATION MAP
NO SCALE



TYPICAL SECTION

BROOKHURST STREET
FROM HAZARD AVENUE TO WESTMINSTER AVENUE

* LOCATION PER PLAN

GENERAL STREET REHABILITATION NOTES

- ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF CALTRANS STANDARD PLAN AND SPECIFICATIONS, AMERICAN PUBLIC WORKS ASSOCIATIONS (APWA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), CITY OF GARDEN GROVE STANDARD PLANS, ORANGE COUNTY STANDARD PLANS, RESOURCE AND DEVELOPMENT MANAGEMENT DEPARTMENT (RDMD) DESIGN MANUALS, AND THESE PROJECT PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS.
- ESTIMATE OF QUANTITIES IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING QUANTITIES AND CONDITIONS AT THE SITE.
- TRAFFIC CONTROL SHALL CONFORM TO THE TRAFFIC ENGINEERING POLICY TE 32, THE PROVISIONS IN SECTION 7-10, "PUBLIC CONVENIENCE AND SAFETY," OF CALTRANS STANDARD SPECIFICATIONS, THE LATEST EDITION MANUAL ON UNIFORM OF TRAFFIC CONTROL DEVICES (MUTCD), THE LATEST EDITIONS OF WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH MANUAL) AND WITH CALTRANS STANDARD PLAN T-11 TRAFFIC CONTROL SYSTEM FOR LAND CLOSURE ON MULTI-LANE CONVENTIONAL HIGHWAYS. NOTES 2 AND 6 ON THE CALTRANS STANDARD PLAN T-11 REGARDING ILLUMINATED ADVANCED WARNING SIGNS AND CONES SHALL NOT APPLY.
- THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (1-800-422-4133) TWO WORKING DAYS PRIOR TO DOING ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UTILITIES AND VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CONTRACTORS SHALL NOTIFY CITY OF ANY POTENTIAL CONFLICT PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- SEWER AND STORM DRAIN MANHOLES SHALL BE ADJUSTED TO GRADE BY THE CONTRACTOR.
- CONTRACTOR SHALL NOT OPERATE ANY WATER VALVES ASSOCIATED WITH THE PROJECT. CONTRACTOR SHALL CONTACT MIKE GRAY AT (714) 719-1284 FOR ANY WATER VALVE OPERATION.
- WATER VALVES SHALL BE ADJUSTED TO GRADE OR RECONSTRUCTED BY THE CONTRACTOR WITHIN ONE WEEK OF PAVING THE SURFACE COURSE AND SHALL BE PER CITY STD. PLAN B-752.
- CONTRACTOR SHALL TAKE INVENTORY AND PROTECT ALL SURVEY MONUMENTS AND CITY SURVEY CONTROL POINTS. CONTRACTOR SHALL CONTACT THE ENGINEER, AT (714) 741-5190, PRIOR TO START OF ANY WORK TO VERIFY THAT ALL VERTICAL AND HORIZONTAL POINTS & MONUMENTS HAVE BEEN TIED OUT BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE REMOVAL OF TREES LYING PARTIALLY OR FULLY WITHIN THE EXISTING RIGHT OF WAY.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES DURING CONSTRUCTION AMPLE MEANS AND DEVICES WITH WHICH TO PROMPTLY REMOVE AND PROPERLY DISPOSE OF ALL WATER FROM ANY SOURCE ENTERING THE EXCAVATION OR OTHER PARTS OF THE WORK.
- ALL EXISTING IMPROVEMENTS THAT ARE REMOVED OR DAMAGED INCLUDING STRIPING, SHALL BE REPLACED IN KIND, OR AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- THE EDGES OF ALL A.C. PATCHES SHALL BE SEALED WITH ASPHALT EMULSION.
- CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS ON HAND AT ALL TIMES TO EXPEDITE ANY EMERGENCY REPAIR.
- ALL MEASUREMENTS ARE HORIZONTAL. CONTRACTOR IS RESPONSIBLE FOR CONVERTING HORIZONTAL DISTANCES TO SLOPE DISTANCES, AS NECESSARY.
- IF CULTURAL MATERIALS OR RESOURCES ARE DISCOVERED DURING THE PROJECT CONSTRUCTION ALL WORK IN THE VICINITY OF THE DISCOVERY SHALL IMMEDIATELY CEASE.
- REMOVE ALL USA MARKINGS FROM PUBLIC RIGHT-OF-WAY AFTER CONSTRUCTION IS COMPLETE.

GENERAL SIGNING AND STRIPING NOTES

- TRAFFIC STRIPES, PAVEMENT LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE PER THE MUTCD AND CALIFORNIA SUPPLEMENT, LATEST EDITION CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS, LATEST EDITION, AND AS MOST RECENTLY REVISED.
- ALL CONFLICTING STRIPING SHALL BE REMOVED BY SANDBLASTING.
- INSTALL BLUE RPM'S AT FIRE HYDRANT LOCATIONS PER MUTCD 2003 CALIFORNIA SUPPLEMENT.
- A TYPE 'K' MARKER AND POST SHALL BE PLACED WITHIN ALL MEDIAN NOSES, WITHIN THE PROJECT LIMITS, WHICH CURRENTLY DO NOT HAVE SUCH MARKERS. MARKER AND POST SHALL BE PER CITY STANDARD PLAN NO. B-305.
- ALL STRIPING SHALL BE APPROVED BY THE TRAFFIC ENGINEER PRIOR TO FINAL APPLICATION.
- TRAFFIC SIGNAL DETECTOR LOOP LOCATIONS SHALL BE PAINTED FOR APPROVAL PRIOR TO SAW CUTTING.
- ALL SIGN LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE ADJUSTED AS NECESSARY TO MEET EXISTING IN-FIELD CONDITIONS.
- REFLECTORIZE ALL STRIPES. PAVEMENT LEGENDS SHALL MATCH CITY STENCILS.
- THE CONTRACTOR SHALL REMOVE ANY CONFLICTING STRIPES, MARKINGS AND RAISED PAVEMENT MARKERS. BLACK-OUT PAINT WILL BE ALLOWED NO LONGER THAN 2 WEEKS FOR TEMPORARY PURPOSES ONLY.
- PAVEMENT LEGENDS AND CROSSWALKS SHALL BE THERMOPLASTIC.

NOTE TO SURVEYOR :

GRADES HAVE NOT BEEN PROVIDED FOR ANY OF THE INTERSECTIONS BEING RECONSTRUCTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE GRADES AT THE INTERSECTIONS AS NEEDED TO ENSURE WATER FLOWS TOWARDS THE CURB AND GUTTERS AND TO PROVIDE SMOOTH TAPER TRANSITIONS BETWEEN THE INTERSECTIONS AND ALL ADJOINING STREETS.

CONSTRUCTION NOTES:

- PROTECT EXISTING IMPROVEMENT IN PLACE.
- SAW CUT, REMOVE EXISTING AND CONSTRUCT CONCRETE CURB TYPE F-8 PER CITY STD. PLAN NO. B-115 AND DETAIL ON SHEET 2. MATCH EXISTING CURB HEIGHT AND GUTTER WIDTH.
- SAWCUT AC PAVEMENT 0.60' FROM EXISTING CURB FACE, 0.17' MINIMUM DEPTH. CAREFULLY REMOVE EXISTING AC LAYER TO EXPOSE EXISTING SHED GUTTER (TYP). AFTER SURFACE COURSE HAS BEEN PLACED, CONTRACTOR SHALL SEAL BETWEEN THE EDGE OF THE GUTTER AND AC PAVEMENT WITH ASPHALT EMULSION. (REFER TO CITY STD PLAN NO. B-115.)
- FULL DEPTH RECLAMATION WITH CEMENT TREATED BASE PER TYPICAL SECTION SHOWN ON SHT 1. REMOVE AND DISPOSE OF EXCESS PULVERIZED MATERIAL. CONSTRUCT 0.17' ARHM SURFACE COURSE OVER 0.33' AC BASE COURSE OVER 0.55' OF CEMENT TREATED BASE (CTB).
- REMOVE AND DISPOSE OF EXISTING AC/AB PAVEMENT TO A DEPTH OF ±0.80' AND CONSTRUCT 0.17' ARHM SURFACE COURSE OVER 0.63' AC BASE COURSE OVER 95% COMPACTED IN-PLACE MATERIALS.



Know what's below.
Call before you dig.

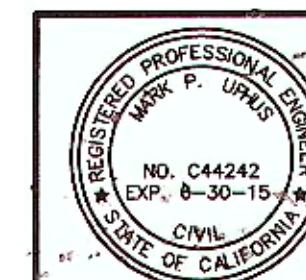
DESIGNED BY: R.E.B.	DRAWN BY: R.E.B., MDV, JC	CHECKED BY: R.G.B.
APPROVED BY: MARK P. UPHUS		
DATE: R.C.E. NO. 44242		

REFERENCE PLANS FOR
THESE IMPROVEMENTS

DATE	BY	DESCRIPTION	APP'D

CITY TRAFFIC ENGR. #2209	STREET DIVISIONS MGR.	WATER SERVICES MGR.	REAL PROPERTY AGENT

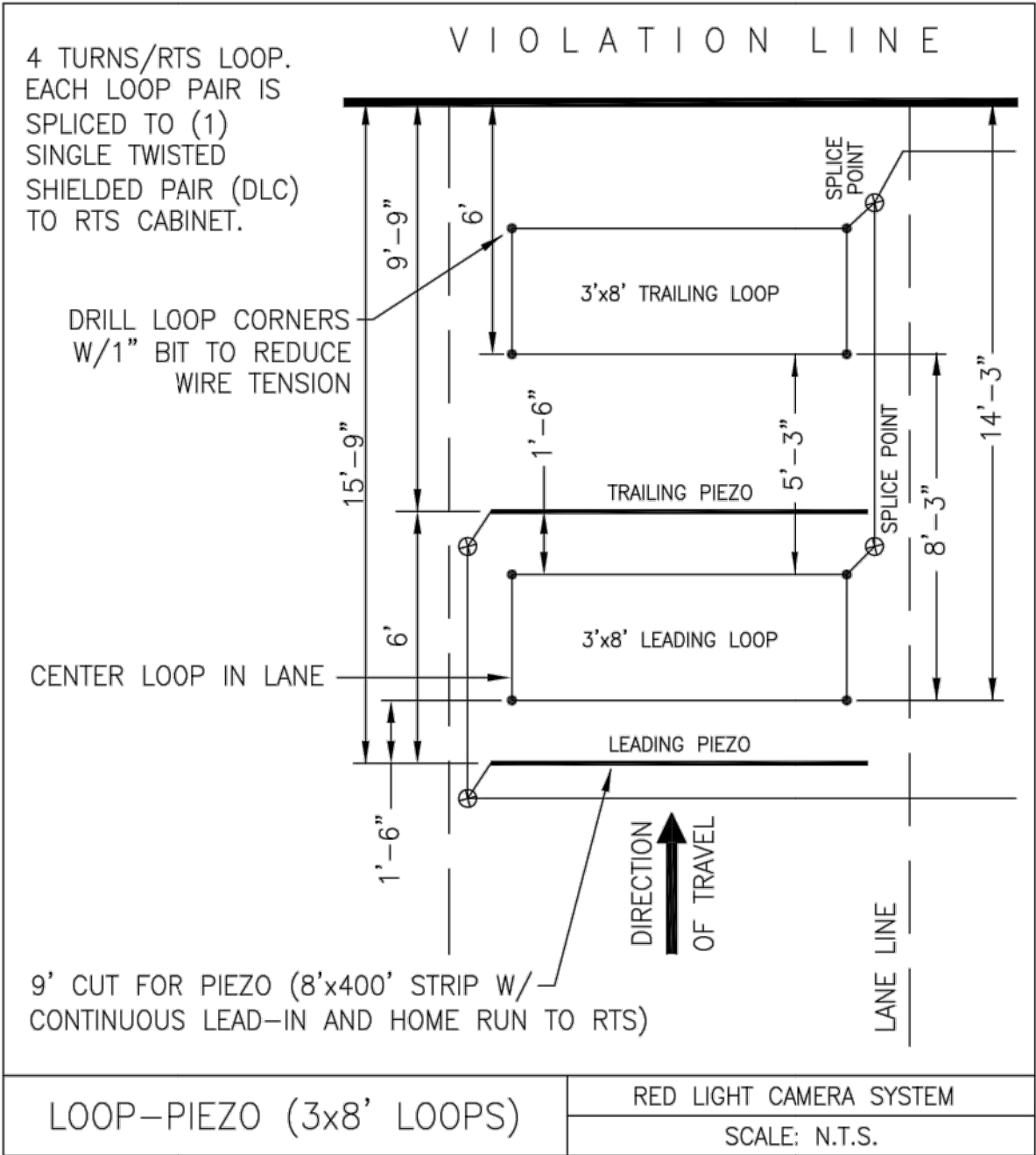
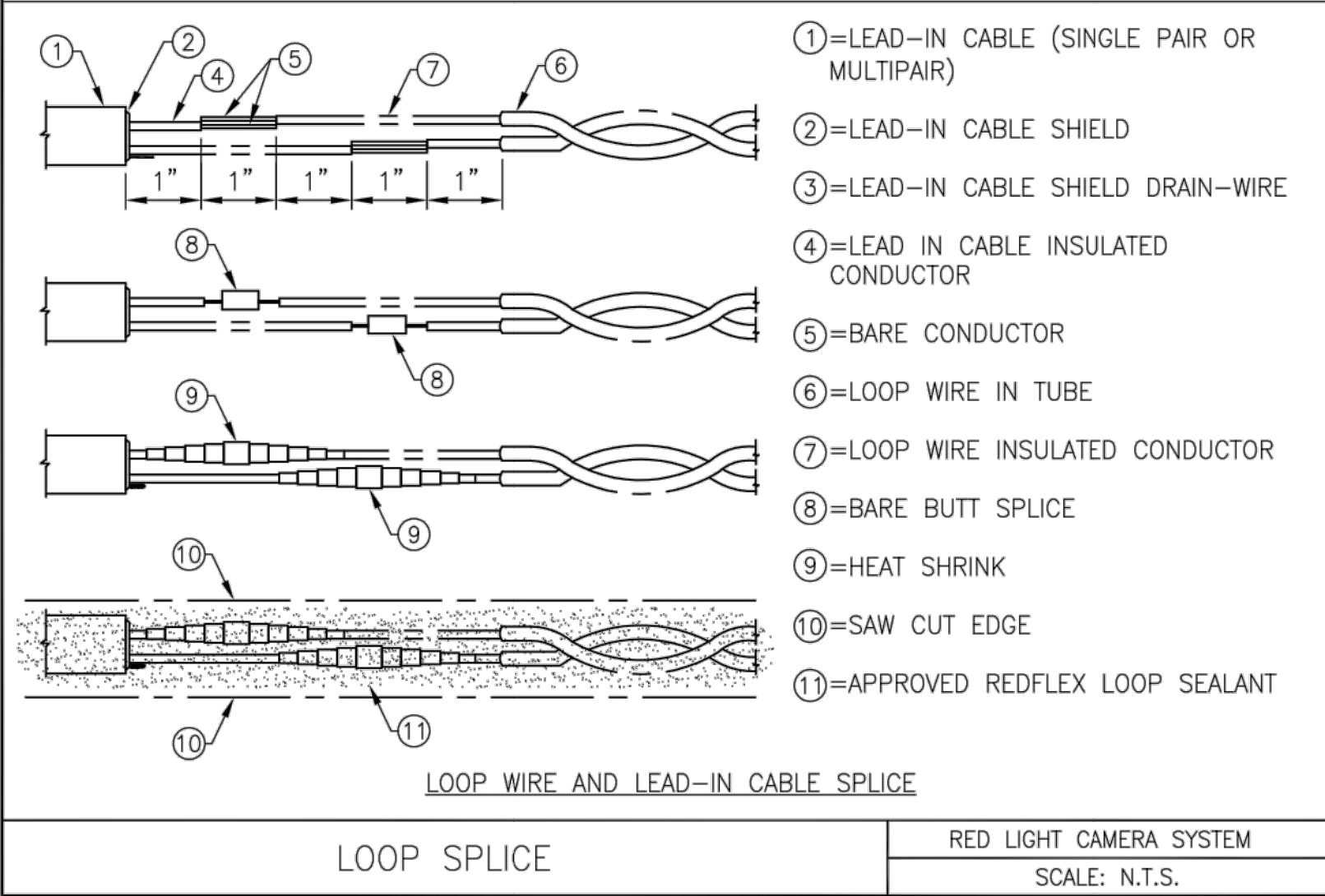
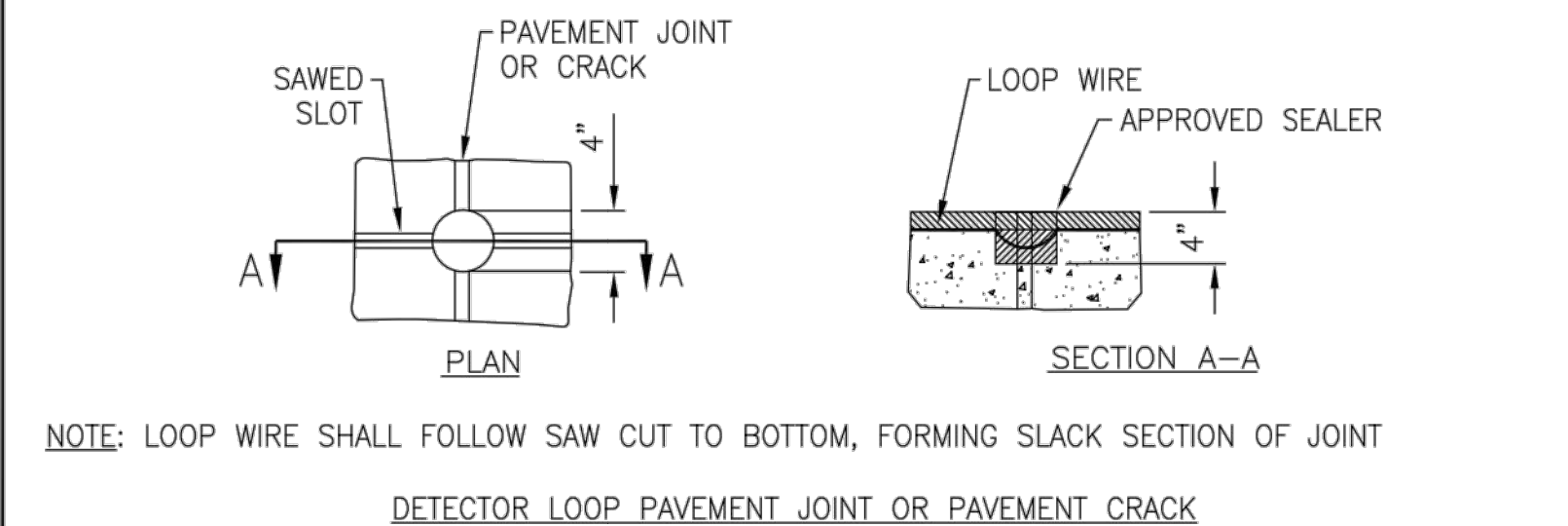
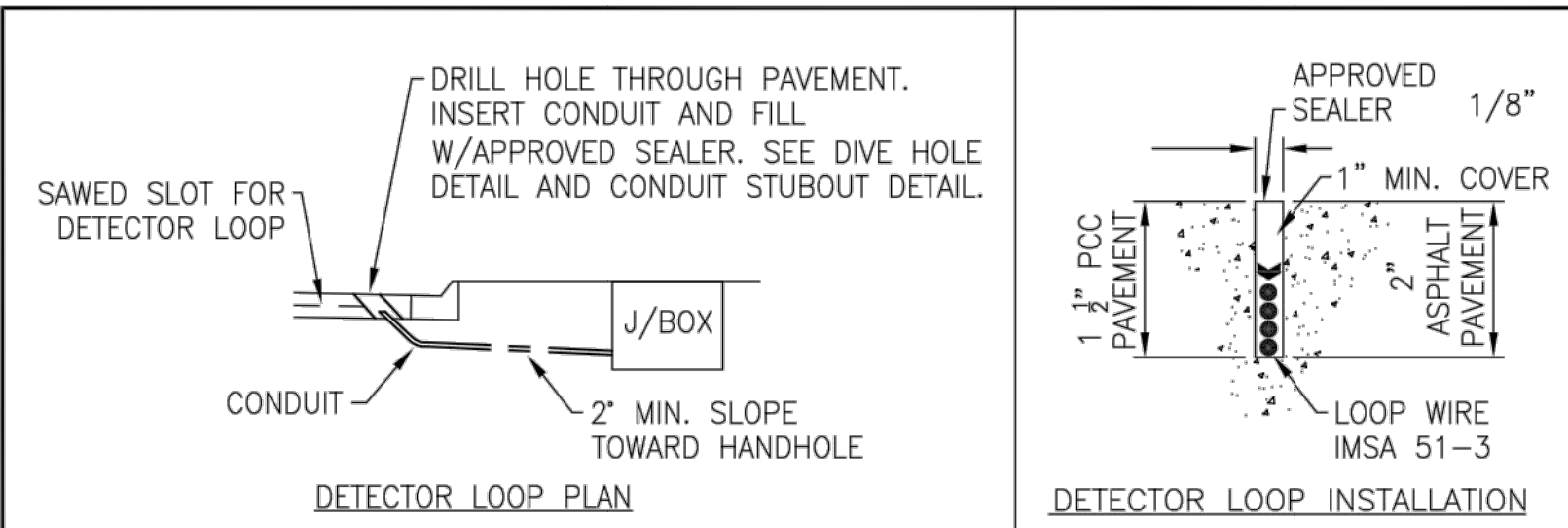
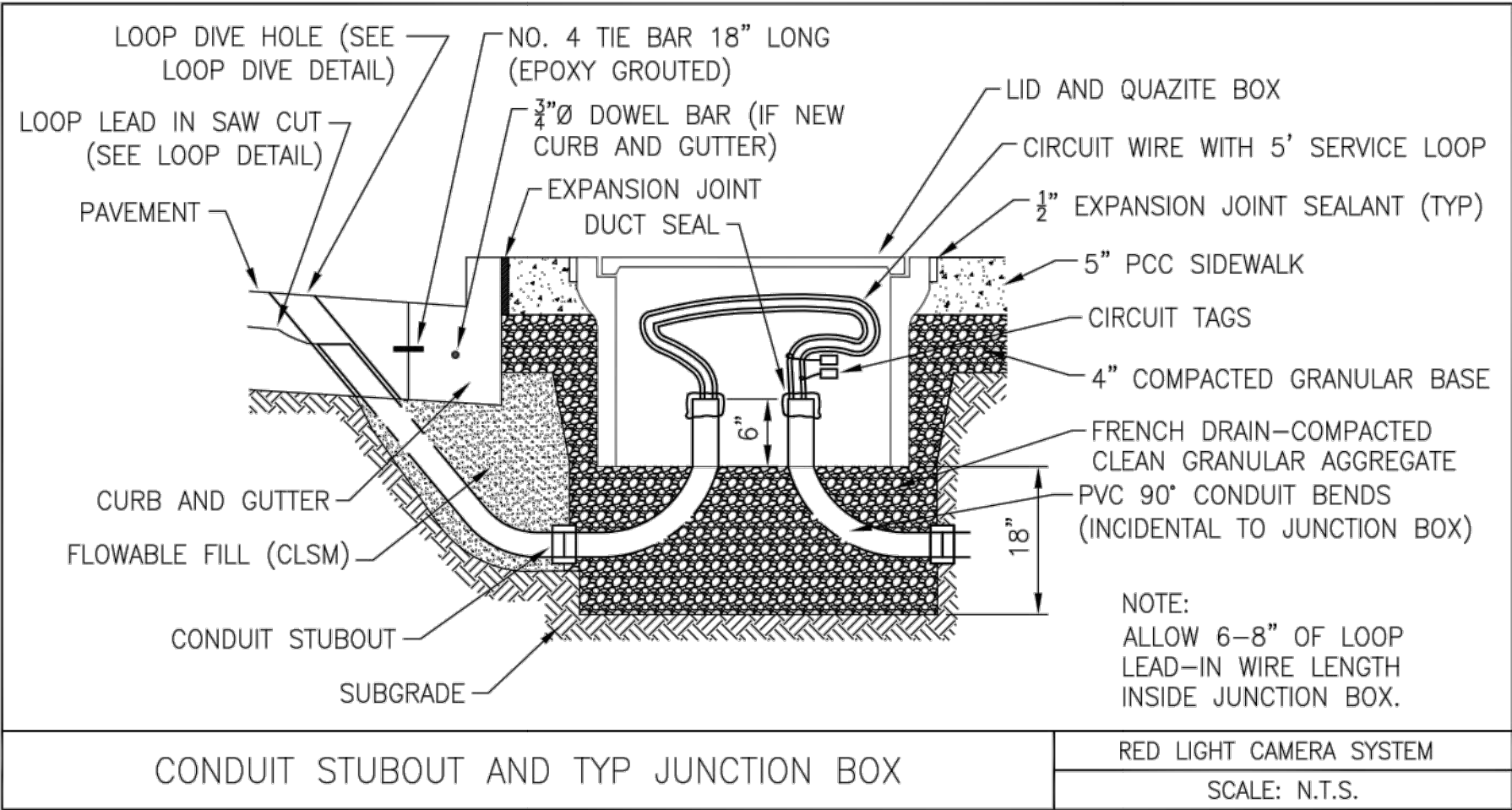
APPROVED BY: [Signature]	DATE: 6/13/15
THIS PLAN IS SIGNED BY THE PUBLIC WORKS DEPARTMENT FOR CONCEPT AND ADHERENCE TO CITY STANDARDS AND REQUIREMENTS ONLY. THE PUBLIC WORKS DEPARTMENT IS NOT RESPONSIBLE FOR DESIGN, DESIGN ASSUMPTIONS OR ACCURACY.	



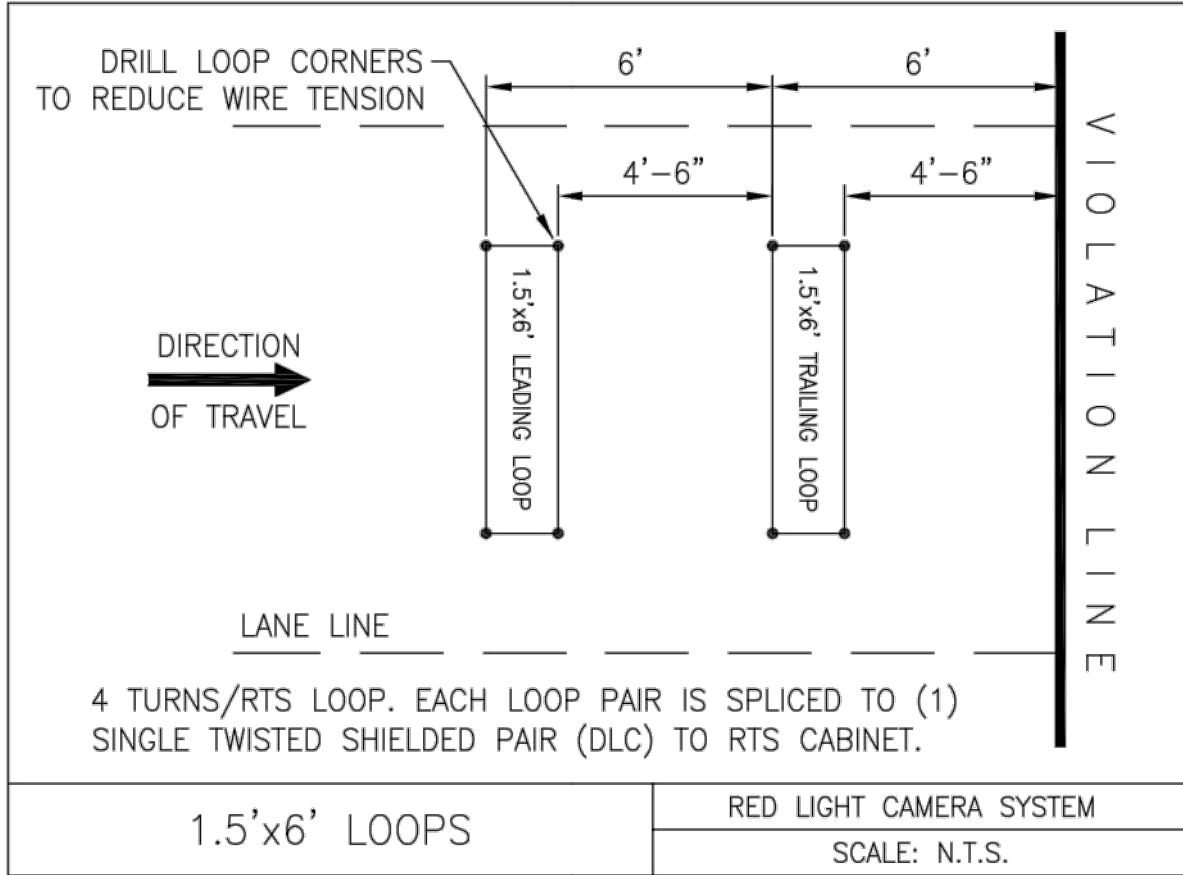
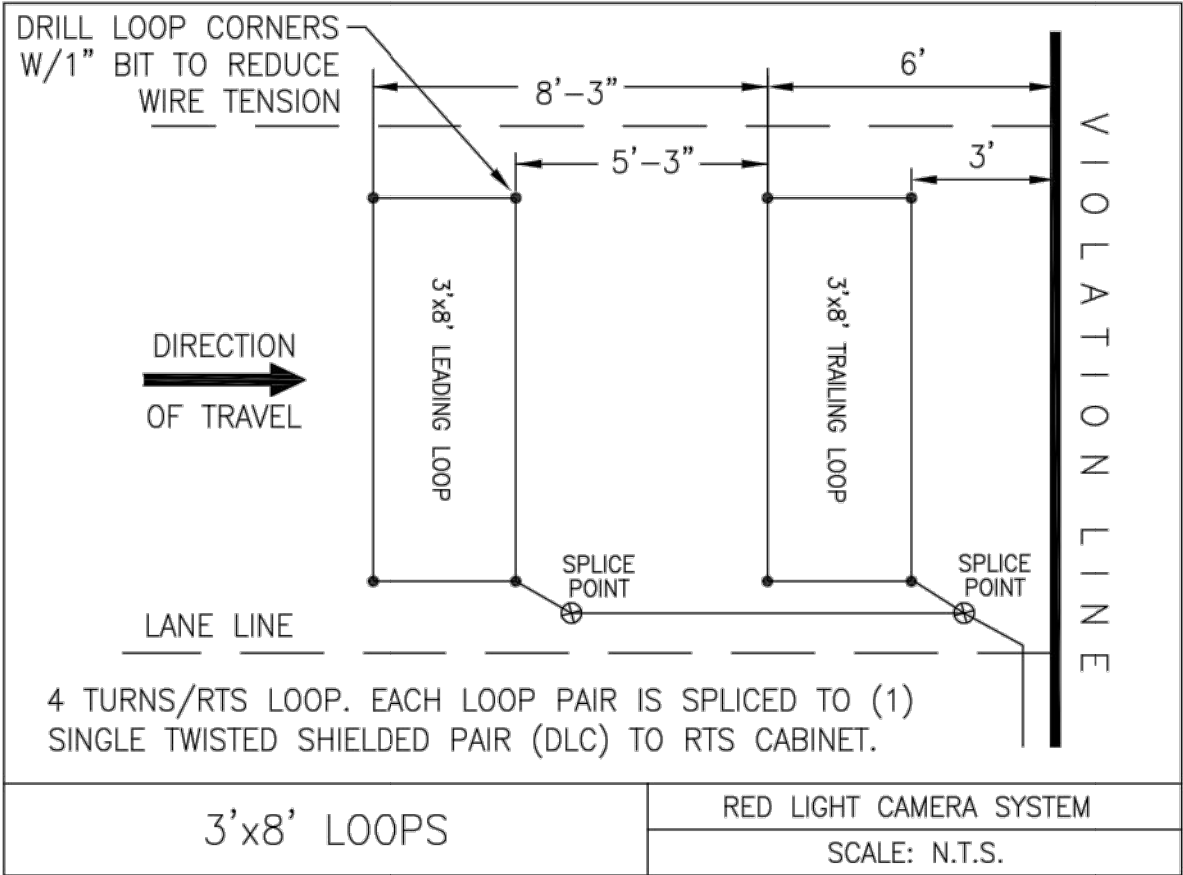
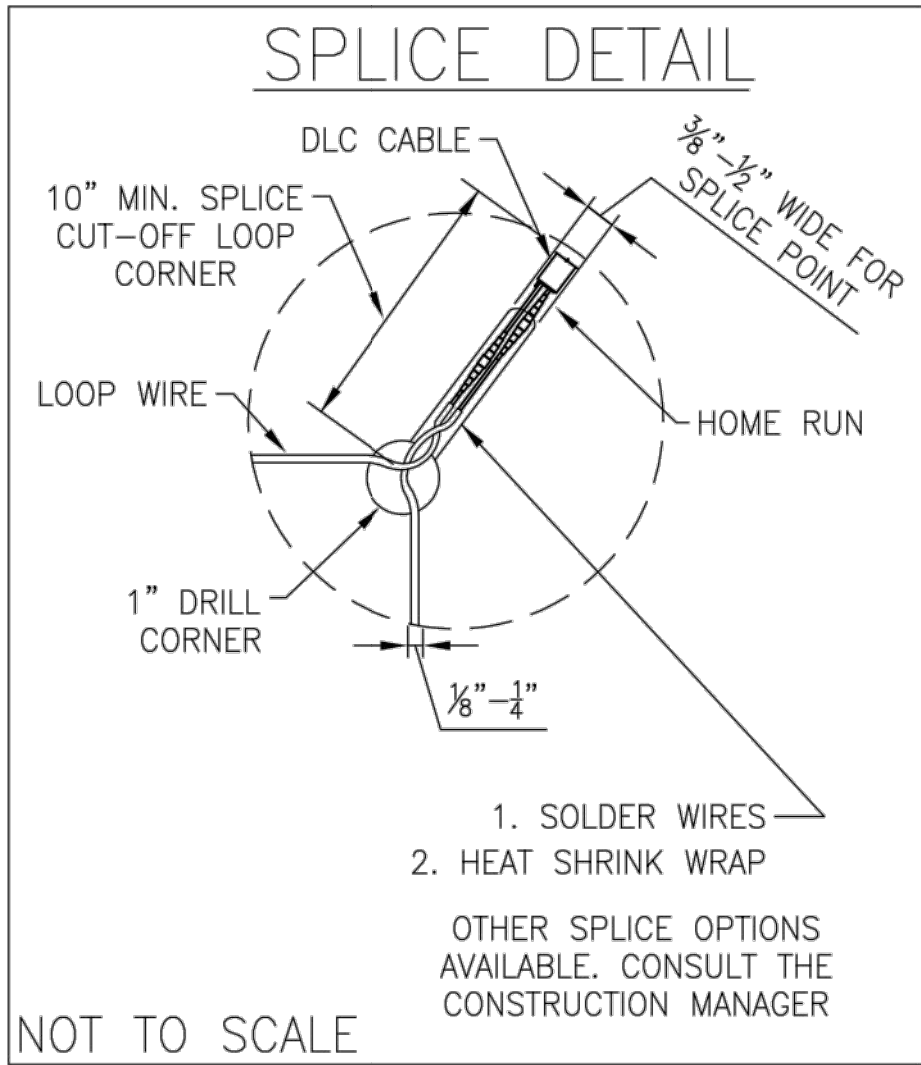
CITY OF GARDEN GROVE
BROOKHURST STREET REHABILITATION
TITLE SHEET

DRAWING NUMBER A-1855
SHEET 1 OF 11

BROOKHURST STREET REHABILITATION PLANS, PROJECT NO. 7271

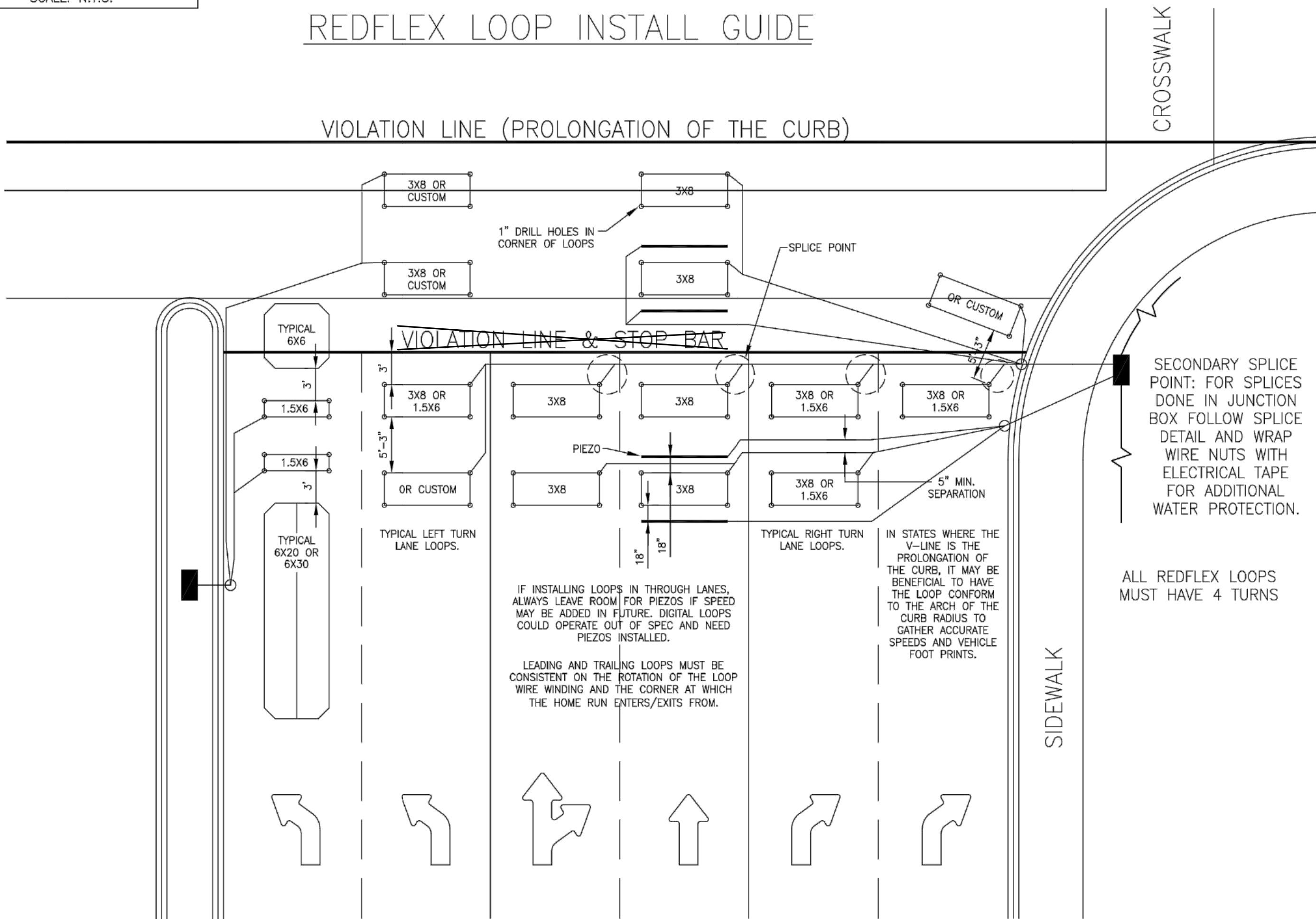


- REDFLEX APPROVED MATERIALS
- LOOP SEALANT
1. DURANT STAT A-FLEX
2. 3M BOND TRAFFIC P-606 FLEXIBLE LOOP SEALER
- LOOP WIRE: IMSA 51-3
CABLE: CSC PART NO. 19008
(1 CONDUCTOR LOOP DETECTOR CABLE, SPEC. REF.: INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION 51-3, 14 AWG 19/26 BARE COPPER, BLACK XLPE INSULATION, OD: .140", WALL THICKNESS: .032", 600V)
- LOOP DETECTOR LEAD-IN WIRE:
IMSA-50-2-14, IMSA 50-2

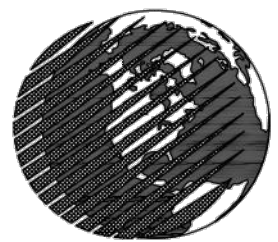


NON-STANDARD INSTALLATION: ONLY TO BE USED IF SPECIFIED BY REDFLEX CONSTRUCTION MANAGER.

REDFLEX LOOP INSTALL GUIDE



SEAL	REVISIONS				RELAY SCHEDULE	
	VER	DATE (YYMMDD)	INITIAL	DESCRIPTION		
	1	110309	JL	INITIAL RELEASE	NB	—
					EB	—
					SB	—
					WB	—
SEAL GOES HERE						



REDFLEX TRAFFIC SYSTEMS
23751 NORTH 23RD AVE
PHOENIX, AZ 85085
PH: 623-207-2000

REDFLEX SIGNATURES		APPROVED BY:		CITY OF:	
DESIGNED BY: JESS LORD	DATE: XXXX	PUBLIC WORKS DIRECTOR / CITY ENGINEER	DATE	REDLIGHT PHOTO ENFORCEMENT	
INTERNAL REVIEW/CHECKED BY: XXXX	DATE	RECOMMENDED BY: XXXX	DATE	TITLE: LOOP DETAILS	
AS-BUILT, VERIFIED BY: XXXX	DATE	DEPUTY CITY ENGINEER	DATE	SIZE: D	
INSTALLATION	CONSTRUCTION	DEVELOPMENT SERVICES	DATE	SHEET NO. 11	

NOTE TO CONTRACTOR :

REDFLEX LOOPS SHALL BE LAID OUT BY A CALIFORNIA LICENSED SURVEYOR.



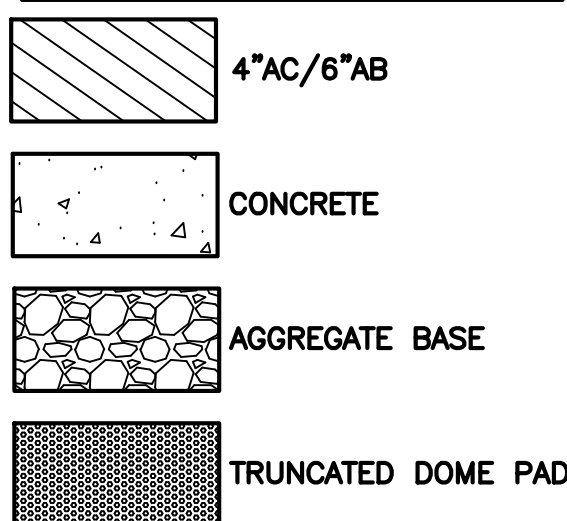
City Of Garden Grove
Department Of Public Works

BROOKHURST STREET REHABILITATION PROJECT

BROOKHURST STREET
HAZARD ST AND WESTMINSTER AVE.
REDFLEX LOOP DETAILS

DRAWING NUMBER
A-1855
S-229
SHEET 3A OF 11

LEGEND

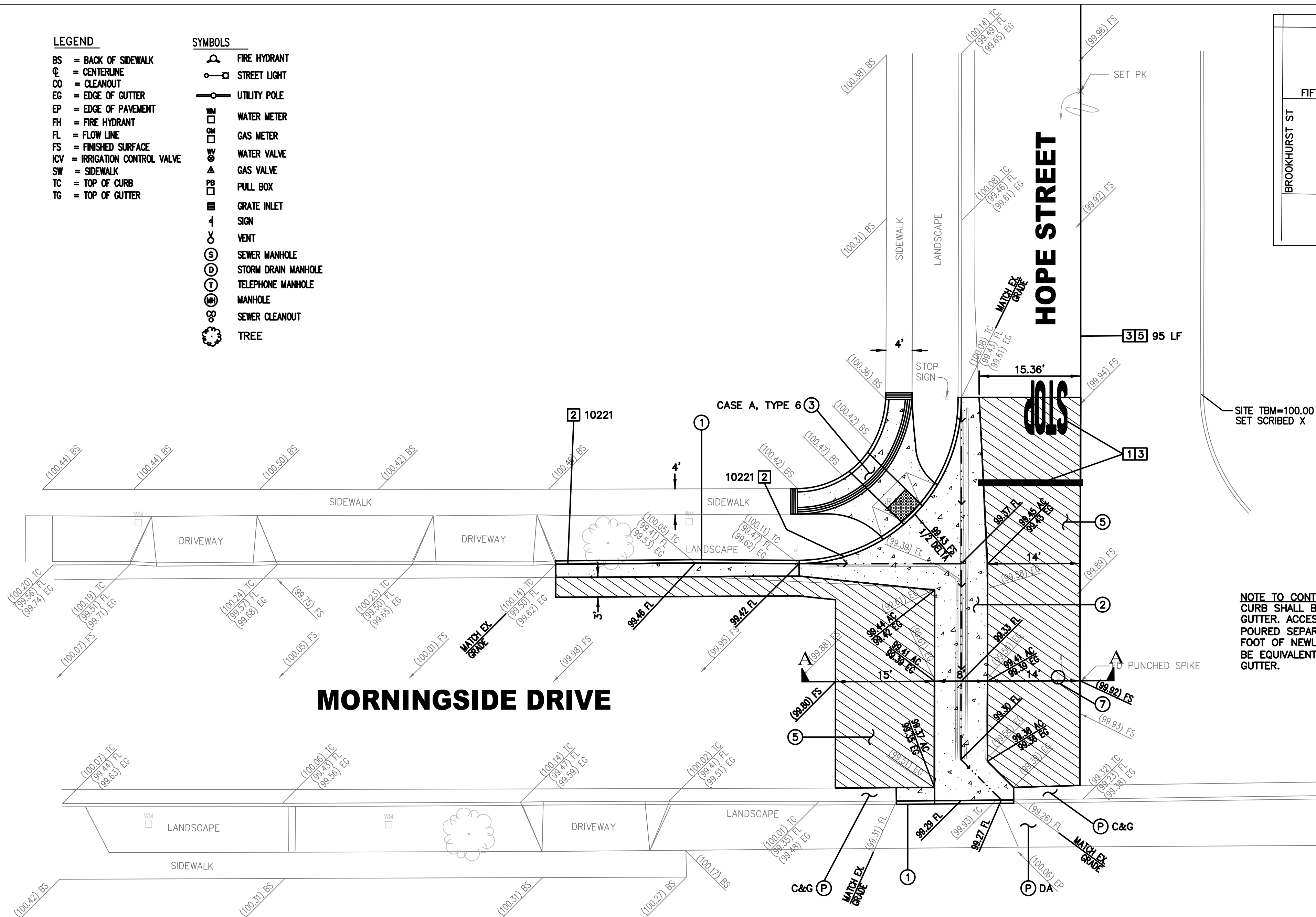
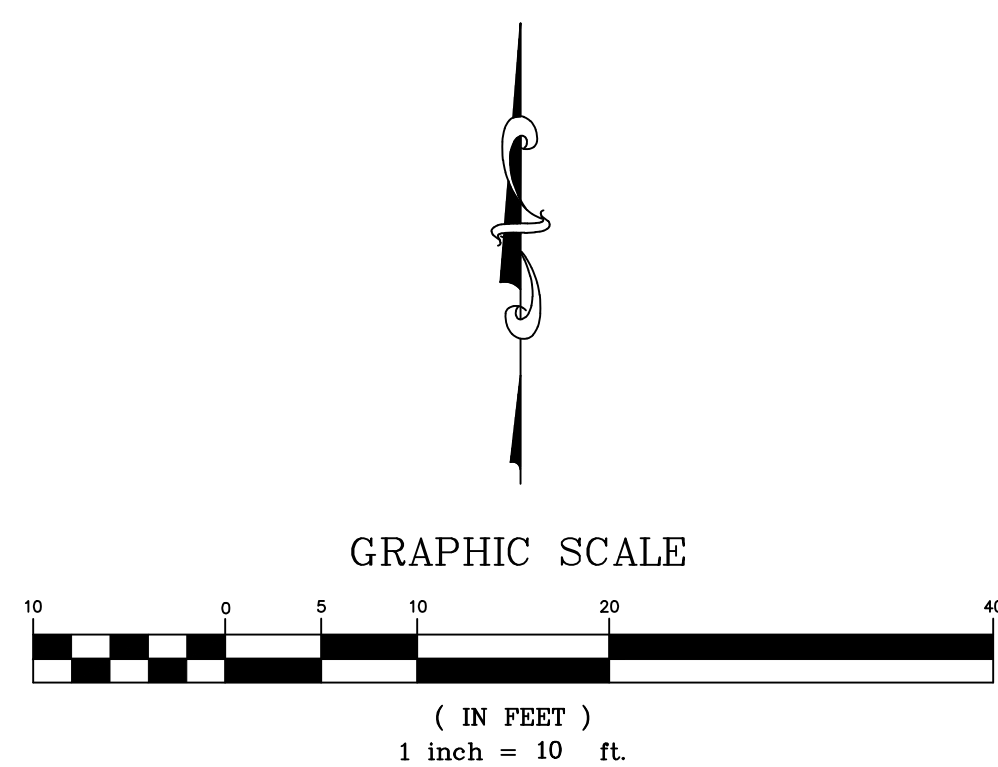


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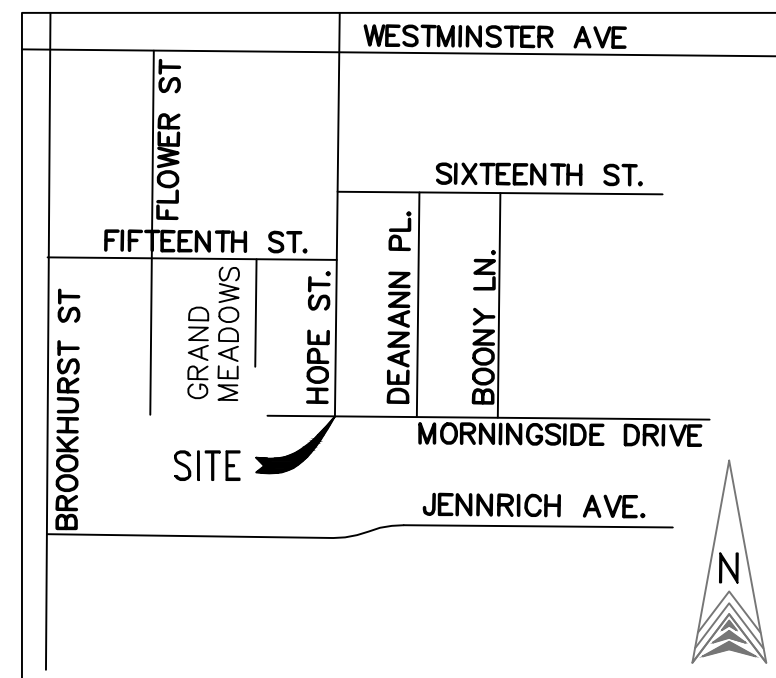
BS = BACK OF SIDEWALK
CL = CENTERLINE
CO = CLEANOUT
EG = EDGE OF GUTTER
EP = EDGE OF PAVEMENT
FH = FIRE HYDRANT
FL = FLOW LINE
FS = FINISHED SURFACE
ICV = IRRIGATION CONTROL VALVE
SW = SIDEWALK
TC = TOP OF CURB
TG = TOP OF GUTTER

SYMBOLS

FIRE HYDRANT
STREET LIGHT
UTILITY POLE
WATER METER
GAS METER
WATER VALVE
GAS VALVE
PULL BOX
GRATE INLET
SIGN
VENT
SEWER MANHOLE
STORM DRAIN MANHOLE
TELEPHONE MANHOLE
MANHOLE
SEWER CLEANOUT
TREE



NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.



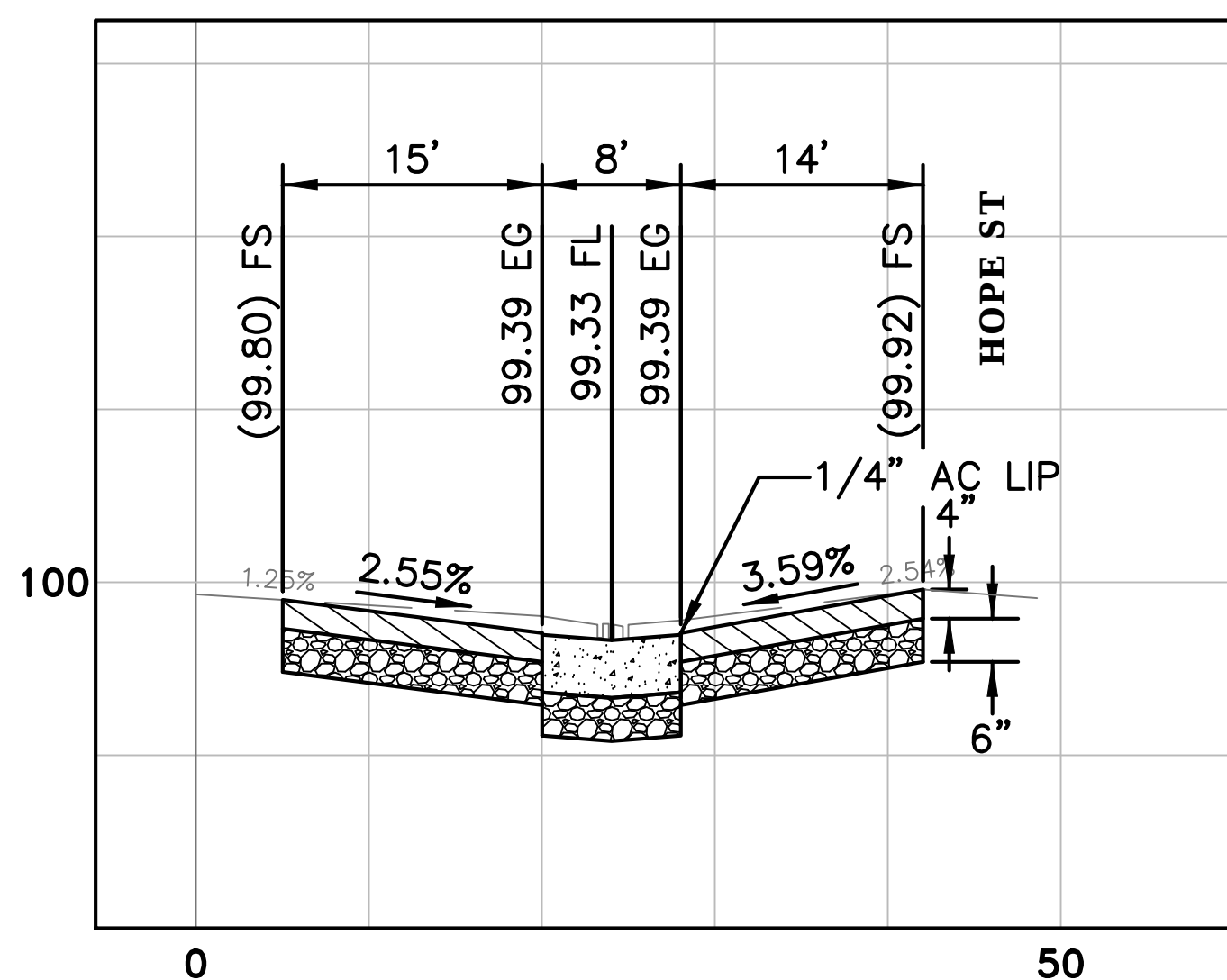
VICINITY MAP
NO SCALE

CONSTRUCTION NOTES:

- (P) PROTECT IN PLACE.
- (1) REMOVE EXISTING AND CONSTRUCT PCC CURB & GUTTER PER CITY STANDARD PLAN No. B-113. CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT.
- (2) REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- (3) REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- (5) REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
- (7) ADJUST MANHOLE FRAME AND COVER TO GRADE.

SIGNING AND STRIPING NOTES:

- (1) INSTALL 12" SOLID WHITE THERMOPLASTIC STOP BAR AND 'STOP' LEGEND PER STANDARD PLAN No. A24D (CALTRANS).
- (2) PAINT HOUSE ADDRESS.
- (3) SANDBLAST EXISTING STRIPING.
- (5) INSTALL 4" WIDE YELLOW CENTERLINE AND INSTALL TYPE G REFLECTIVE MARKERS AT EACH END. LENGTH AS SHOWN ON THE PLANS.



SECTION A-A
HORIZ. 1"=10'
VERT. 1"=2'

AS-BUILT

TEMPORARY BENCHMARK:
SET SCRIBED X
ASSUMED ELEVATION = 100.00'

BROOKHURST STREET REHABILITATION PROJECT

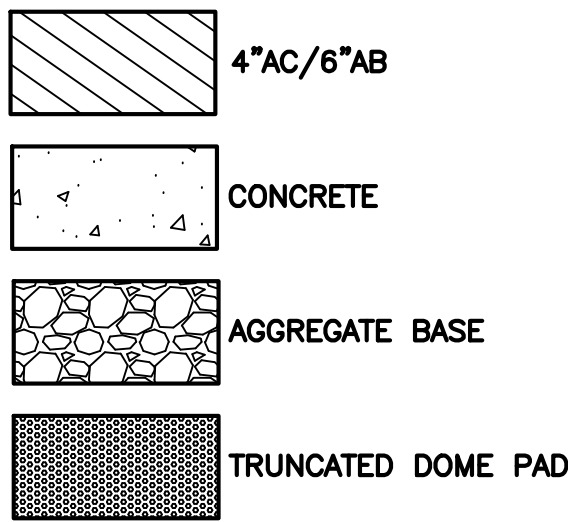
CROSS GUTTER REPLACEMENT
HOPE ST AND MORNINGSIDE DR

DRAWING NUMBER

A-1855

SHEET 4 OF 11

LEGEND

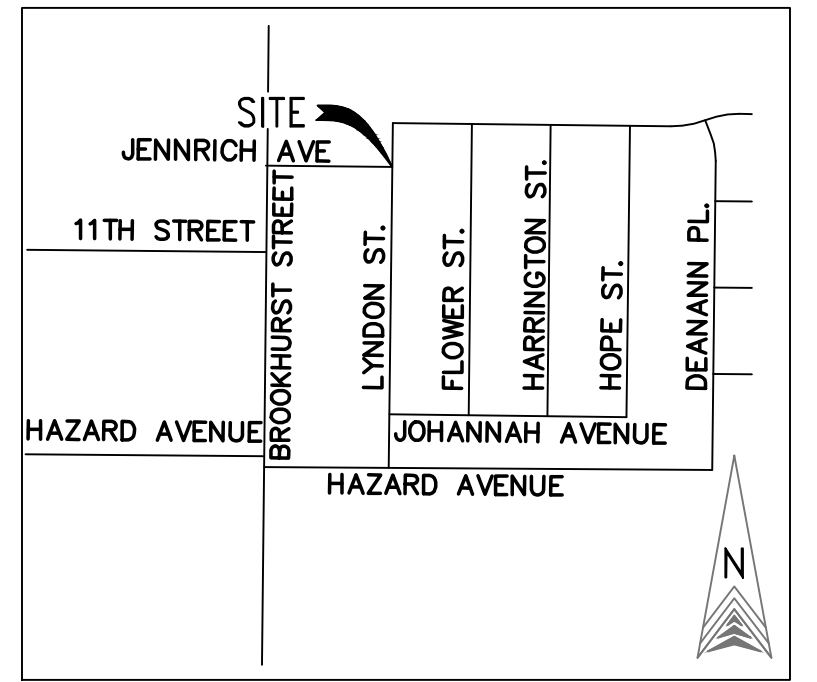
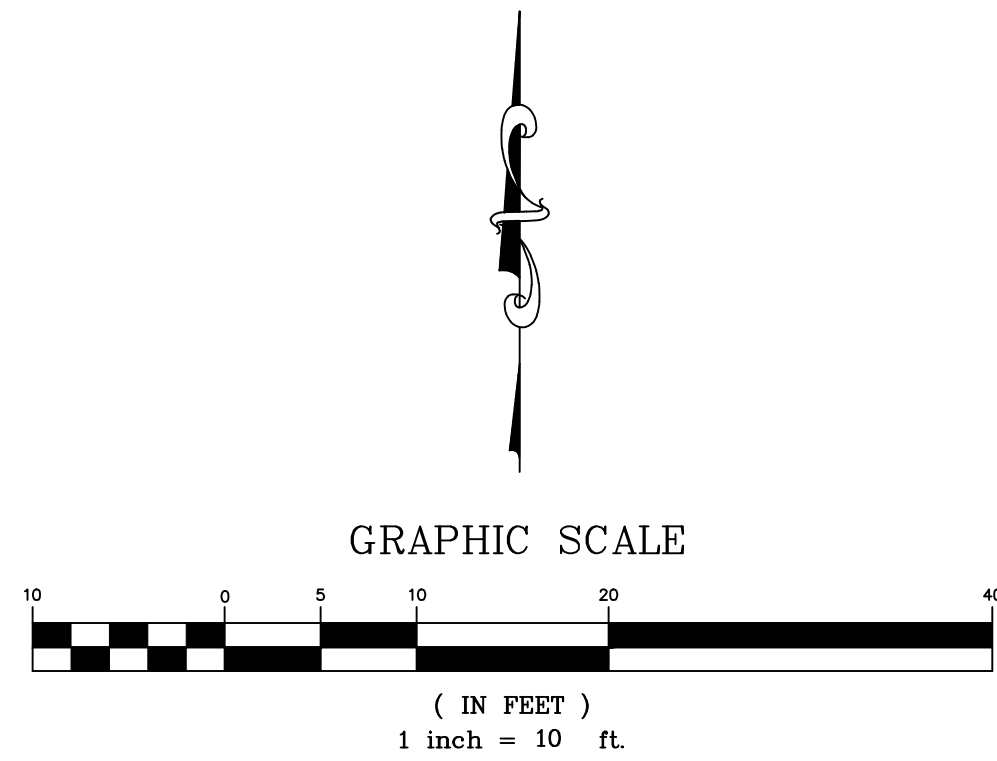


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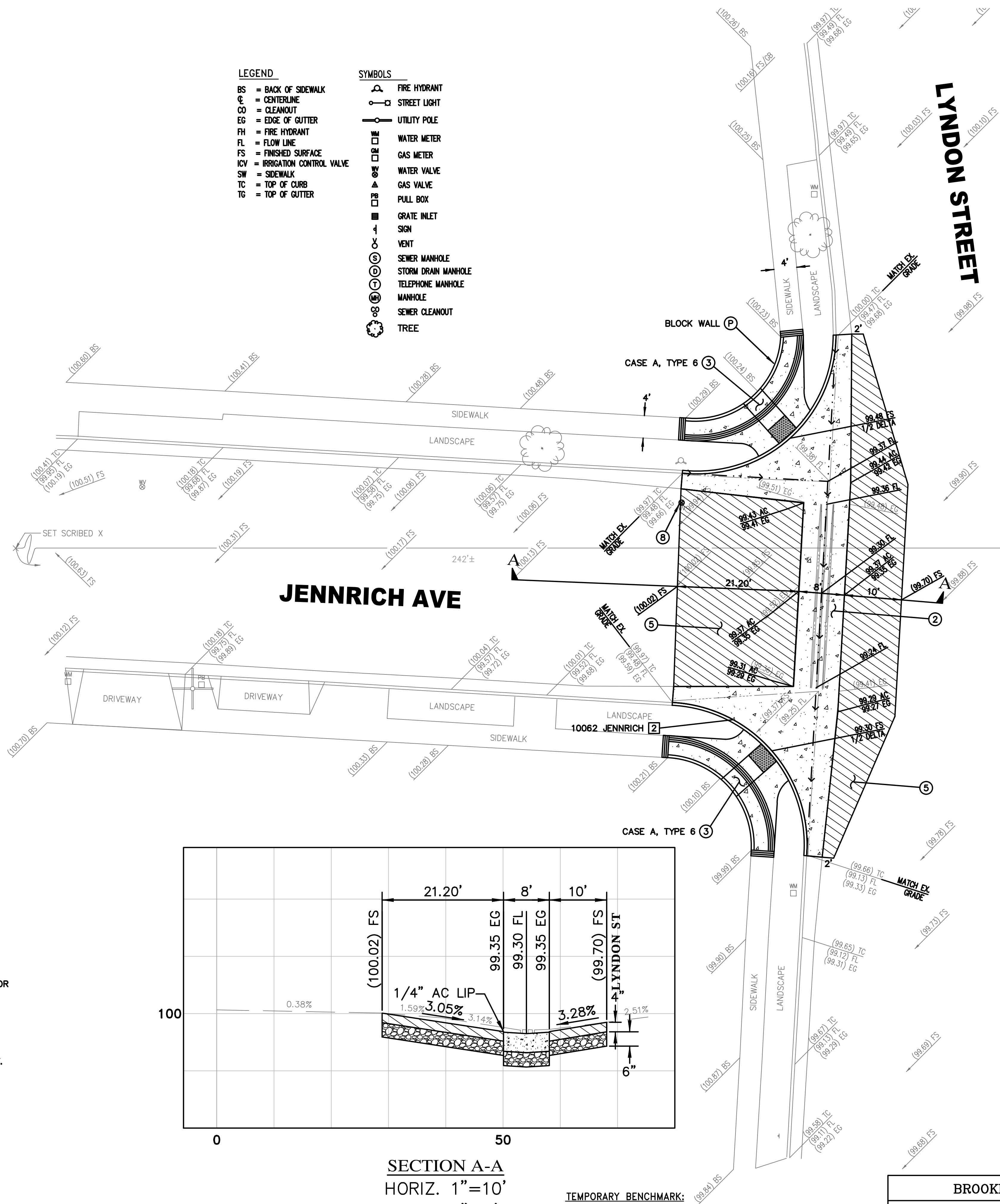
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VICINITY MAP
NO SCALE



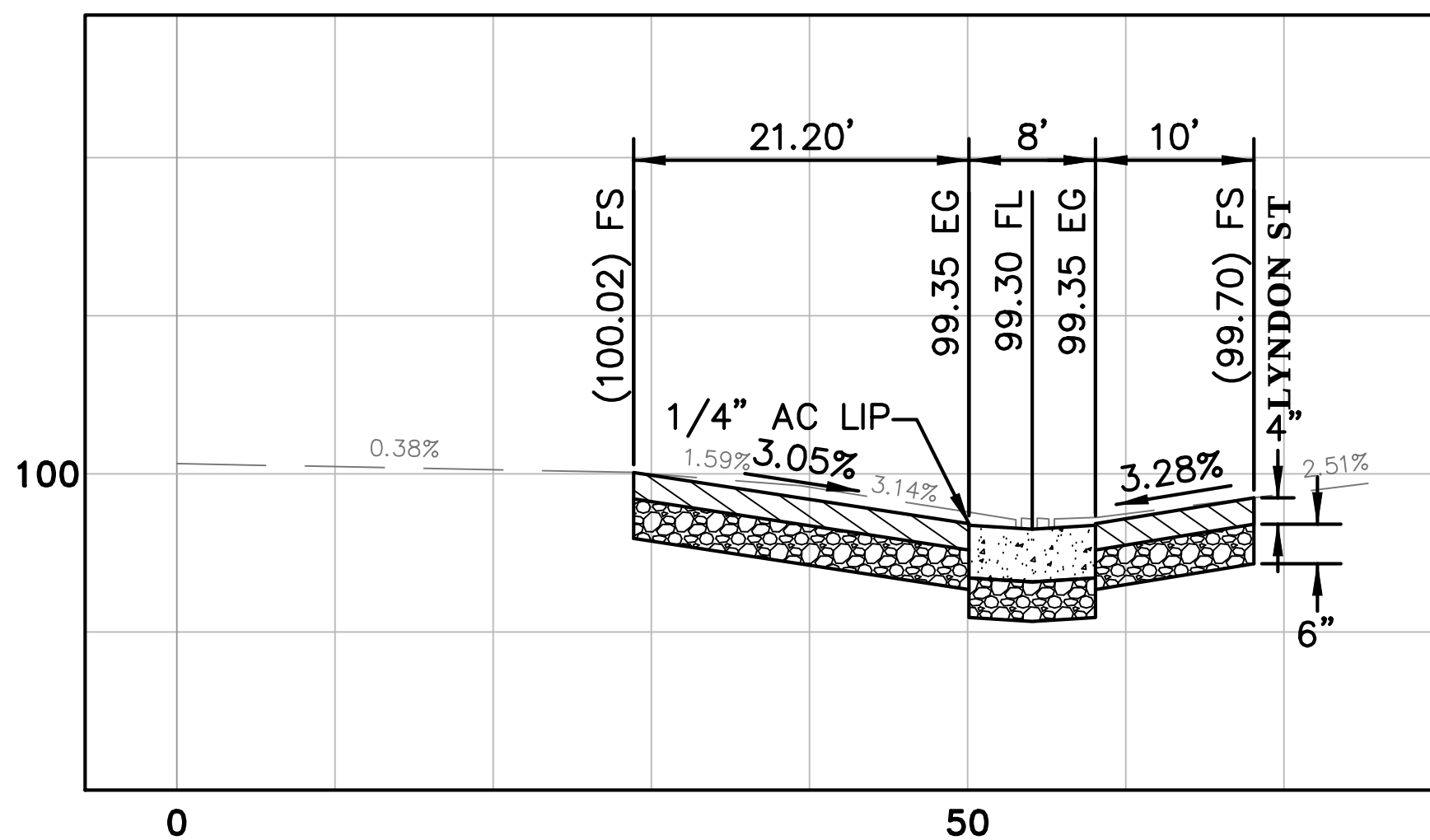
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- (3) REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- (5) REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
- (8) ADJUST WATER VALVE FRAME AND COVER TO GRADE.

SIGNING AND STRIPING NOTES:

- (2) PAINT HOUSE ADDRESS.



SECTION A-A
HORIZ. 1"=10'
VERT. 1"=2'

TEMPORARY BENCHMARK:
SET SCRIBED X
ASSUMED ELEVATION = 100.00'

AS-BUILT

BROOKHURST STREET REHABILITATION PROJECT

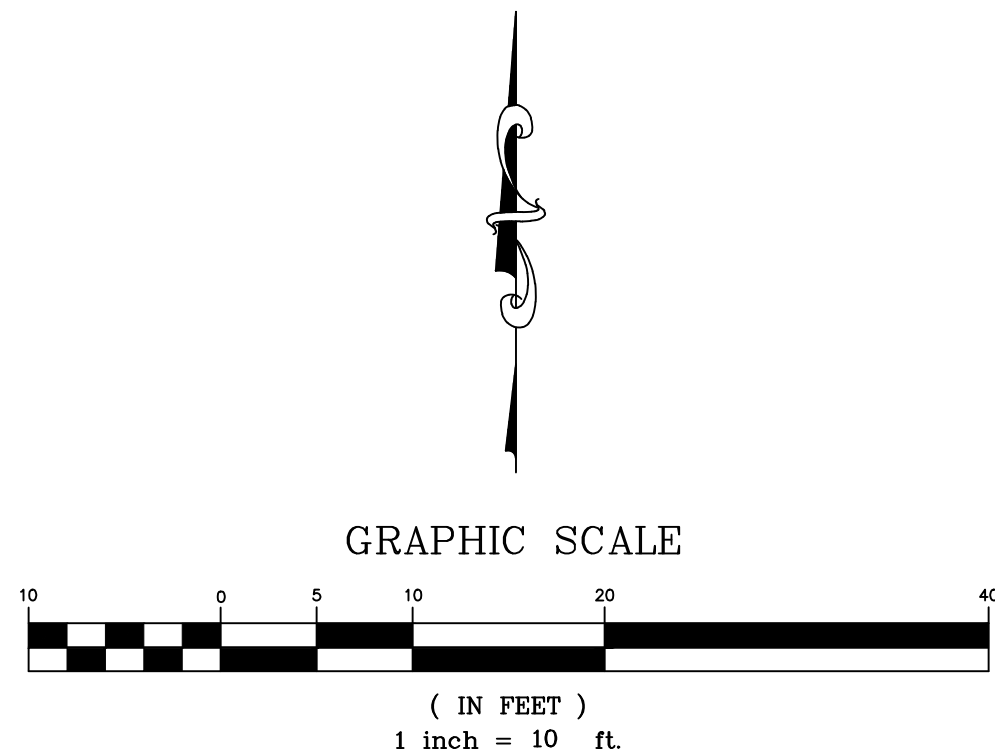
CROSS GUTTER REPLACEMENT
JENNRRICH AVE AND LYNDON ST

DRAWING NUMBER

A-1855

SHEET 5 OF 11

- LEGEND**
- 4"AC/6"AB
 - CONCRETE
 - AGGREGATE BASE
 - TRUNCATED DOME PAD

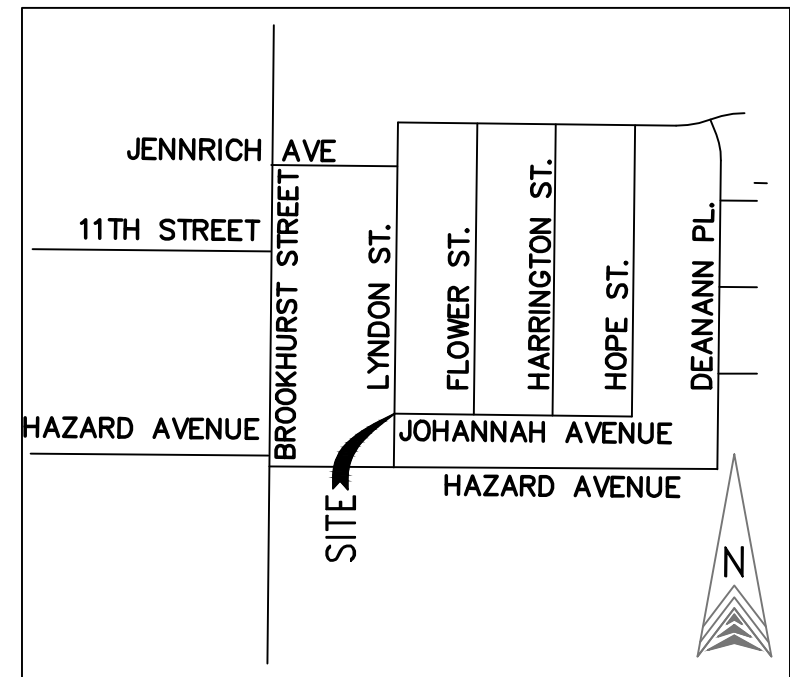


NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.

CONSTRUCTION NOTES:

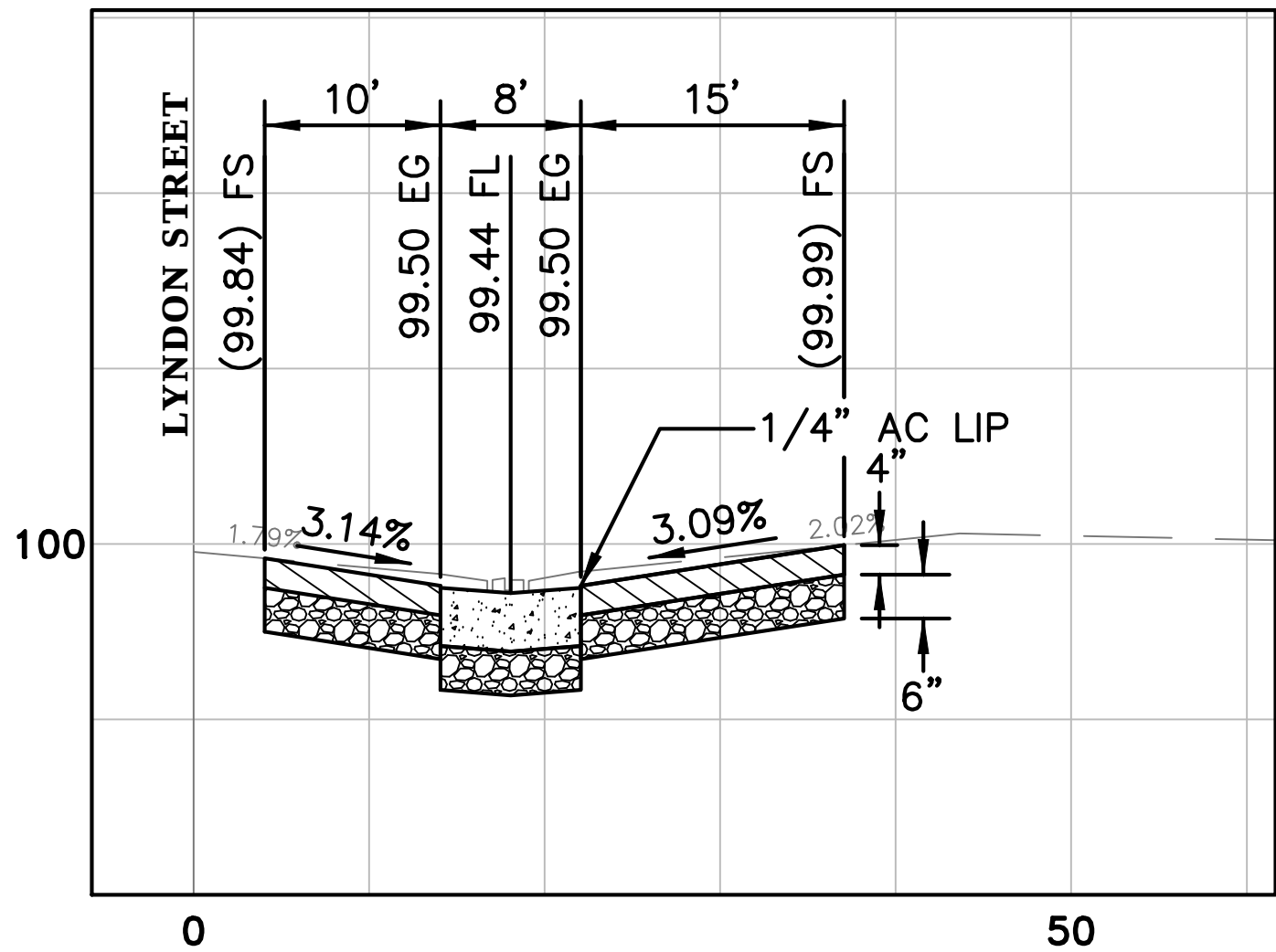
- PROTECT IN PLACE.
- REMOVE EXISTING AND CONSTRUCT PCC CURB & GUTTER PER CITY STANDARD PLAN No. B-113. CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT.
- REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.

- LEGEND**
- BS = BACK OF SIDEWALK
 - C = CENTERLINE
 - CO = CLEANOUT
 - EG = EDGE OF GUTTER
 - FH = FIRE HYDRANT
 - FL = FLOW LINE
 - FS = FINISHED SURFACE
 - ICV = IRRIGATION CONTROL VALVE
 - SW = SIDEWALK
 - TC = TOP OF CURB
- SYMBOLS**
- FIRE HYDRANT
 - STREET LIGHT
 - UTILITY POLE
 - WATER METER
 - GAS METER
 - WATER VALVE
 - GAS VALVE
 - PULL BOX
 - GRATE INLET
 - SIGN
 - VENT
 - SEWER MANHOLE
 - STORM DRAIN MANHOLE
 - TELEPHONE MANHOLE
 - MANHOLE
 - SEWER CLEANOUT
 - TREE



LYNDON STREET

JOHANNAH AVENUE



AS-BUILT

TEMPORARY BENCHMARK:
SET SCRIBED X
ASSUMED ELEVATION = 100.00'

BROOKHURST STREET REHABILITATION PROJECT

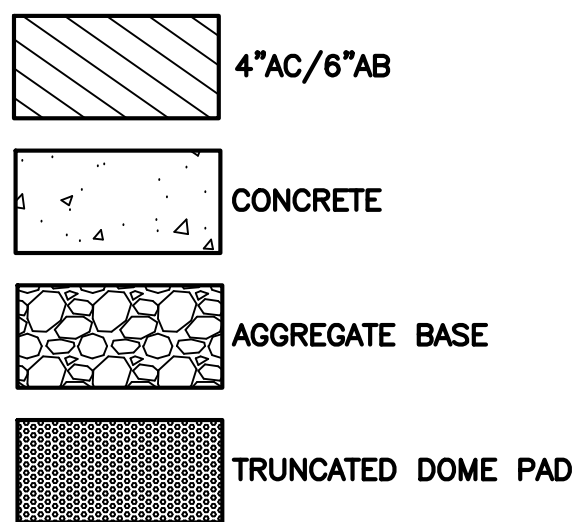
CROSS GUTTER REPLACEMENT
LYNDON ST AND JOHANNAH ST

DRAWING NUMBER

A-1855

SHEET 6 OF 11

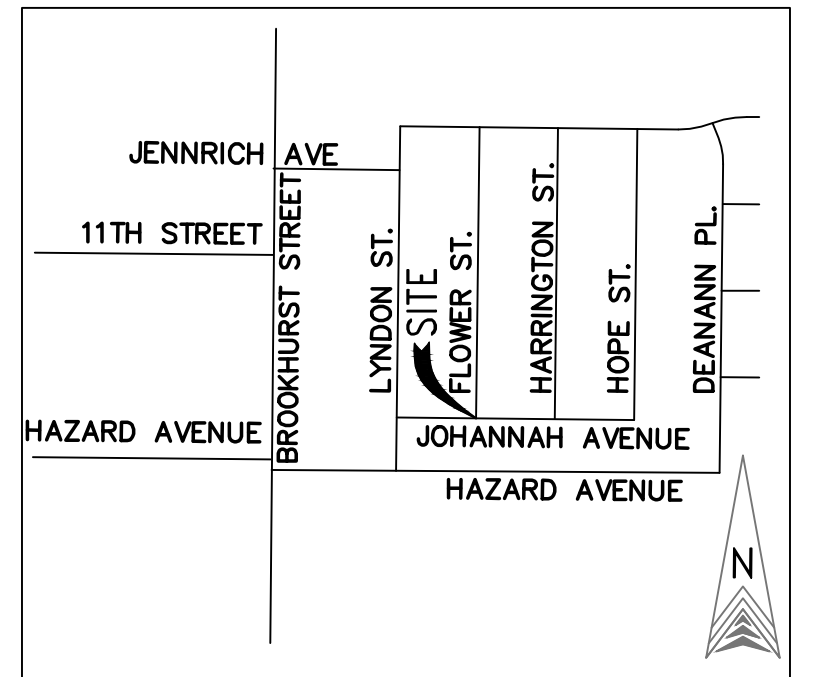
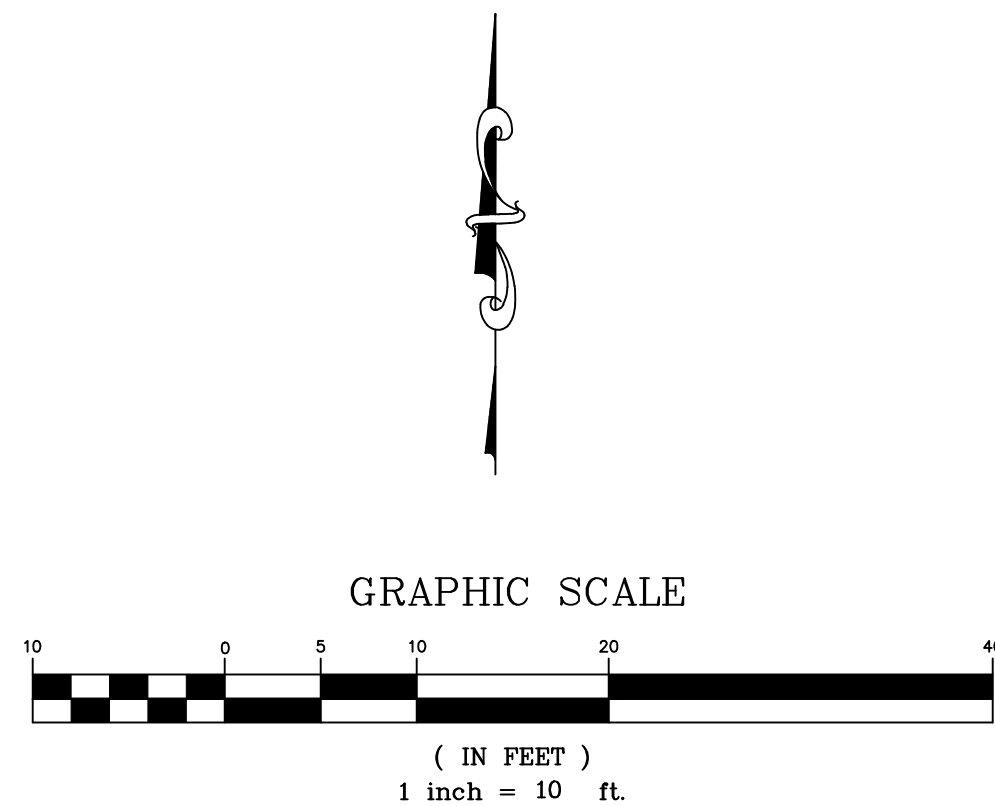
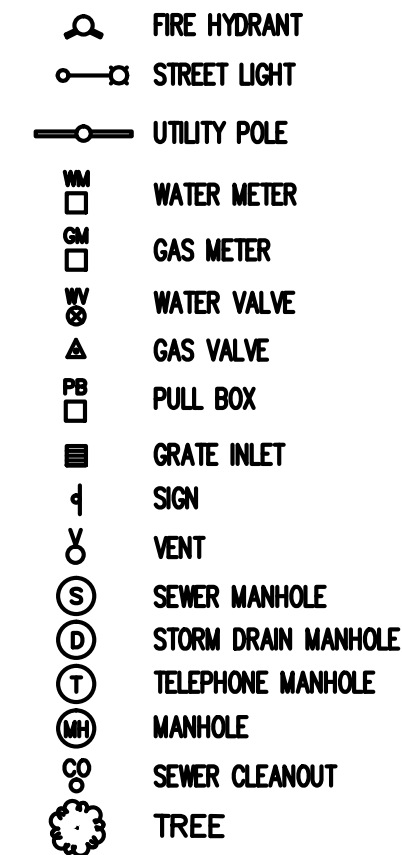
LEGEND



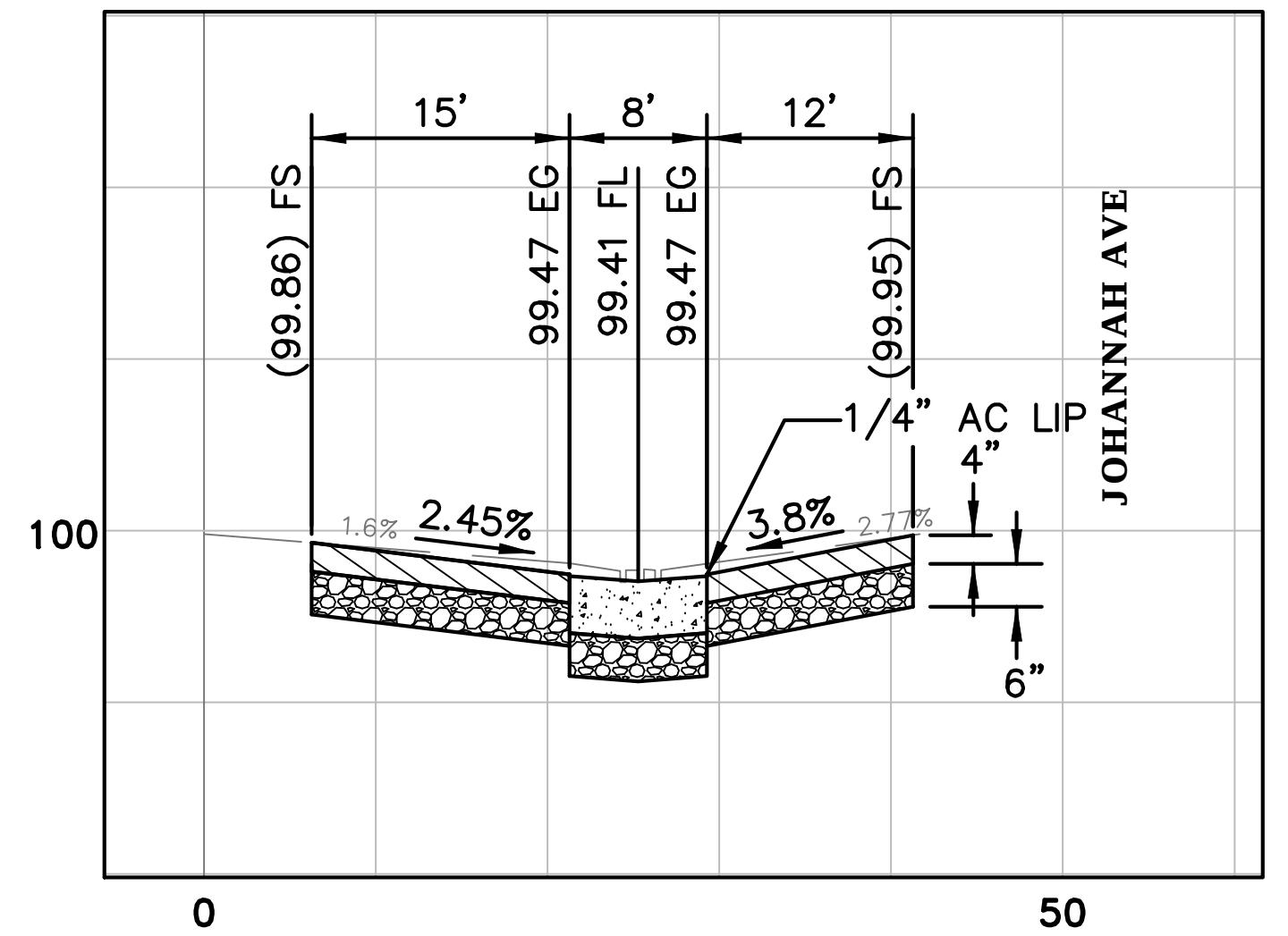
LEGEND

BS = BACK OF SIDEWALK
CL = CENTERLINE
CO = CLEANOUT
EG = EDGE OF GUTTER
FH = FIRE HYDRANT
FL = FLOW LINE
FS = FINISHED SURFACE
ICV = IRRIGATION CONTROL VALVE
SW = SIDEWALK
TC = TOP OF CURB

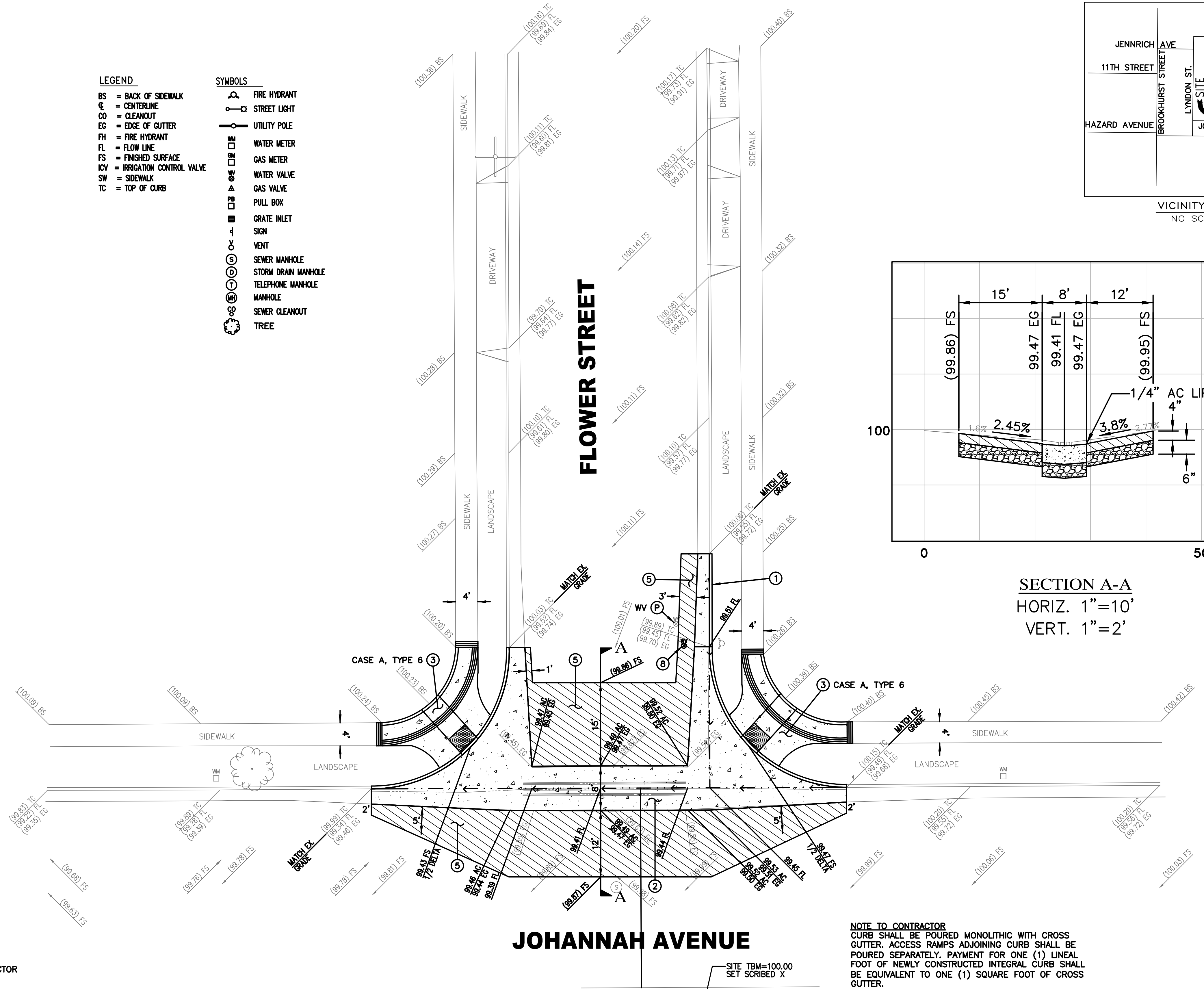
SYMBOLS



VICINITY MAP
NO SCALE



SECTION A-A
HORIZ. 1"=10'
VERT. 1"=2'



CONSTRUCTION NOTES:

- (P) PROTECT IN PLACE.
- (1) REMOVE EXISTING AND CONSTRUCT PCC CURB & GUTTER PER CITY STANDARD PLAN No. B-113. CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT.
- (2) REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- (3) REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- (5) REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
- (8) ADJUST WATER VALVE FRAME AND COVER TO GRADE.

AS-BUILT

NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.

TEMPORARY BENCHMARK:

SET SCRIBED X
ASSUMED ELEVATION = 100.00'

BROOKHURST STREET REHABILITATION PROJECT

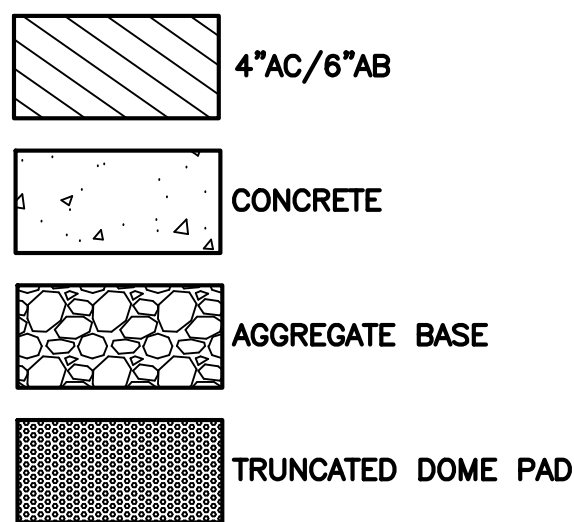
CROSS GUTTER REPLACEMENT
FLOWER ST AND JOHANNAH AVE

DRAWING NUMBER

A-1855

SHEET 7 OF 11

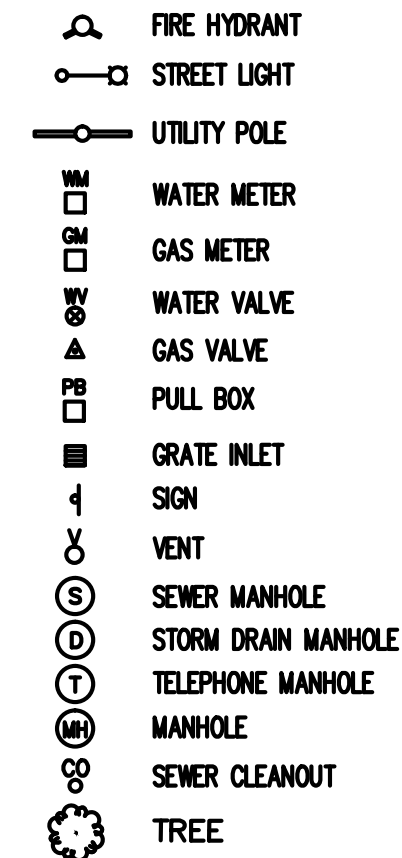
LEGEND



LEGEND

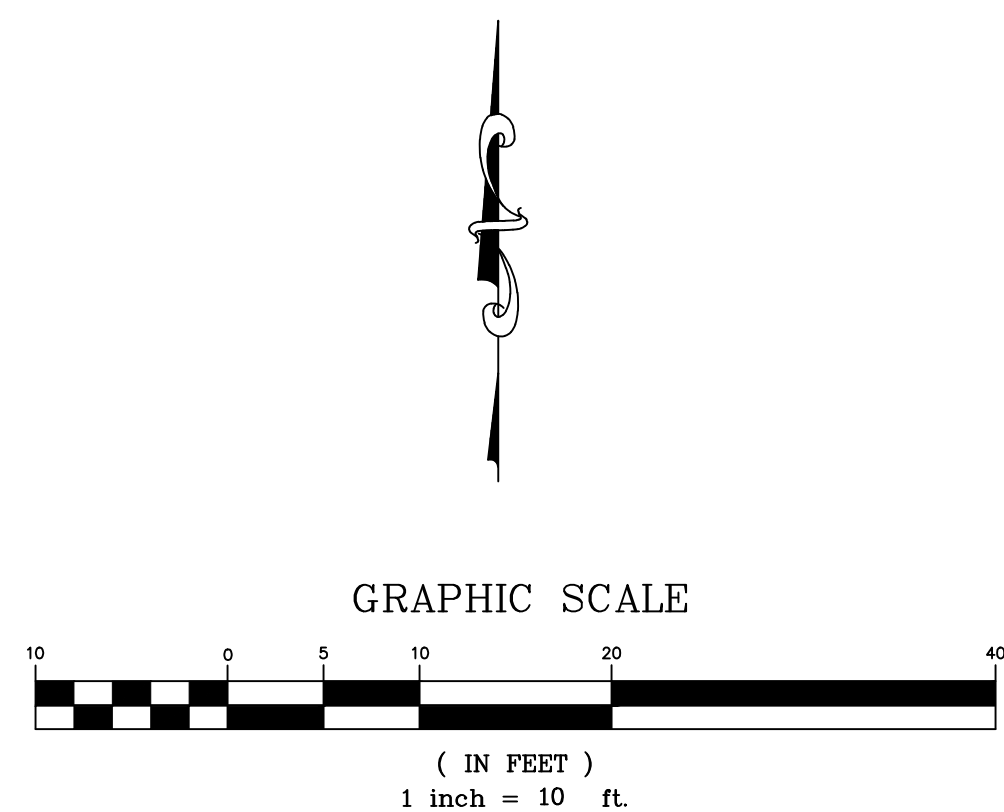
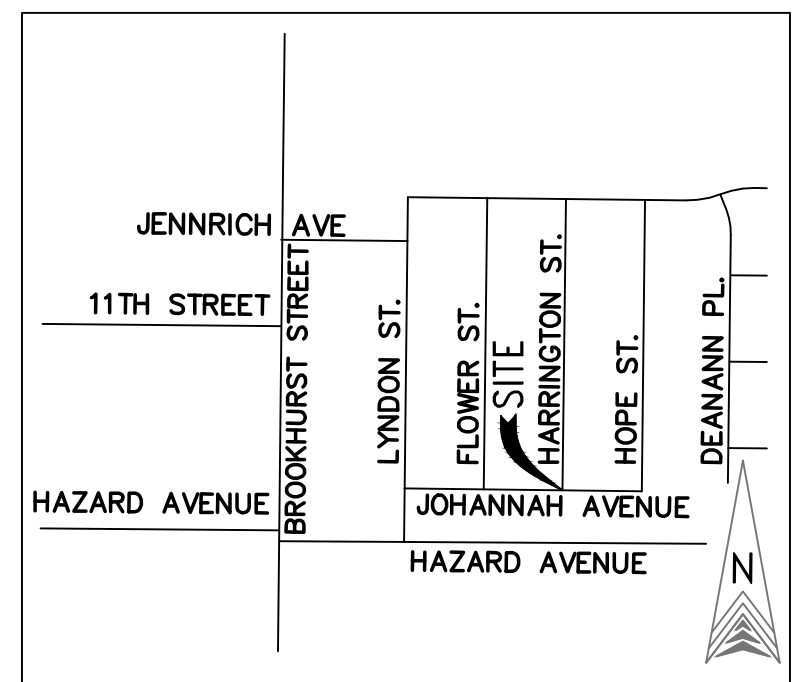
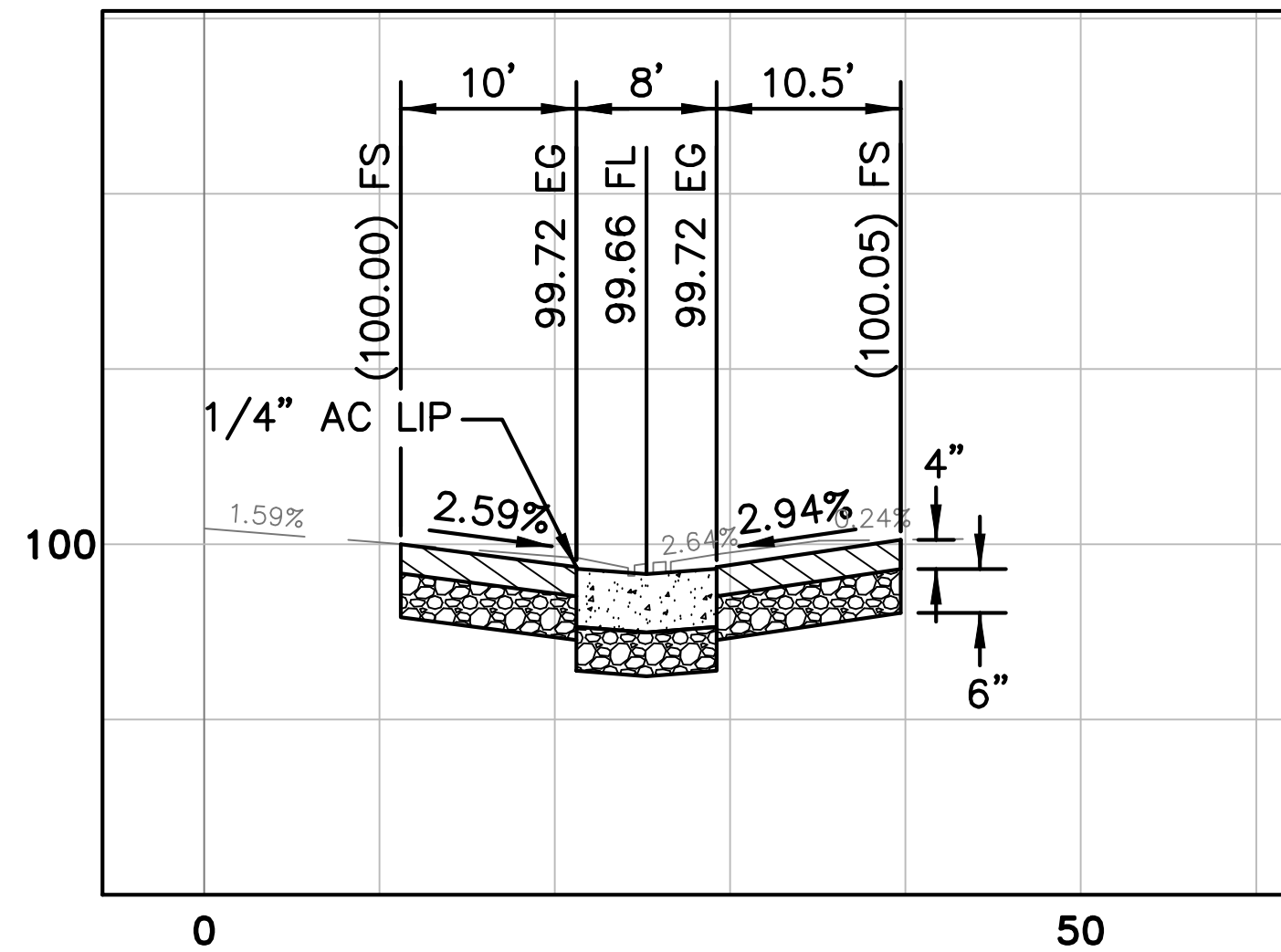
BS = BACK OF SIDEWALK
CL = CENTERLINE
CO = CLEANOUT
EG = EDGE OF GUTTER
FH = FIRE HYDRANT
FL = FLOW LINE
FS = FINISHED SURFACE
ICV = IRRIGATION CONTROL VALVE
SW = SIDEWALK
TC = TOP OF CURB
TG = TOP OF GUTTER

SYMBOLS



HARRINGTON STREET

JOHANNAH AVENUE



NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.

CONSTRUCTION NOTES:

- 2 REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- 3 REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- 5 REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.

AS-BUILT

TEMPORARY BENCHMARK:

SET SCRIBED X
ASSUMED ELEVATION = 100.00'

BROOKHURST STREET REHABILITATION PROJECT

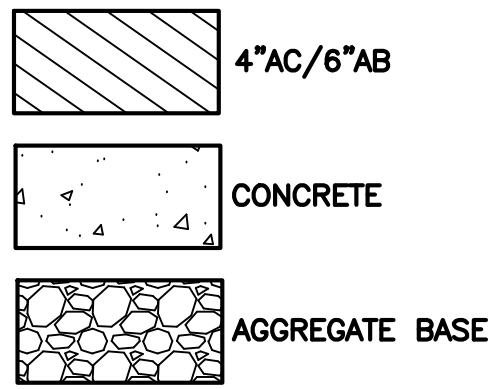
CROSS GUTTER REPLACEMENT
HARRINGTON ST AND JOHANNAH AVE

DRAWING NUMBER

A-1855

SHEET 8 OF 11

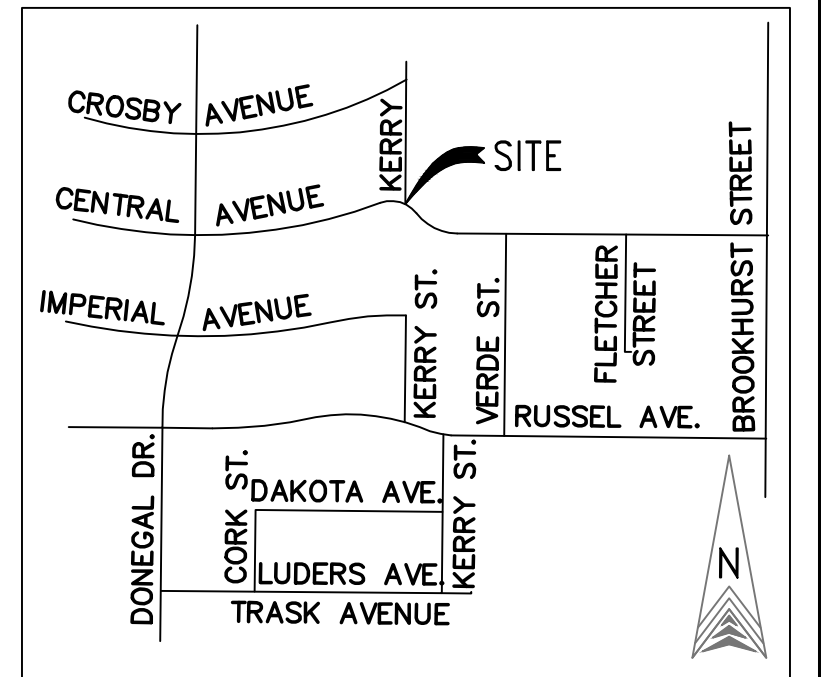
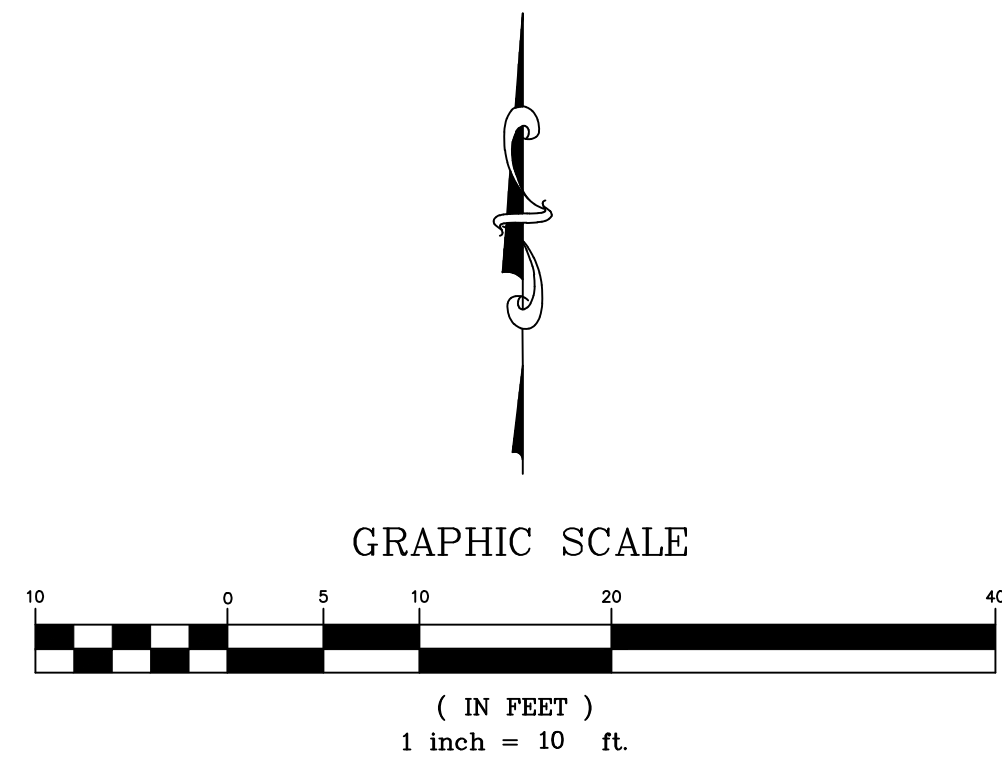
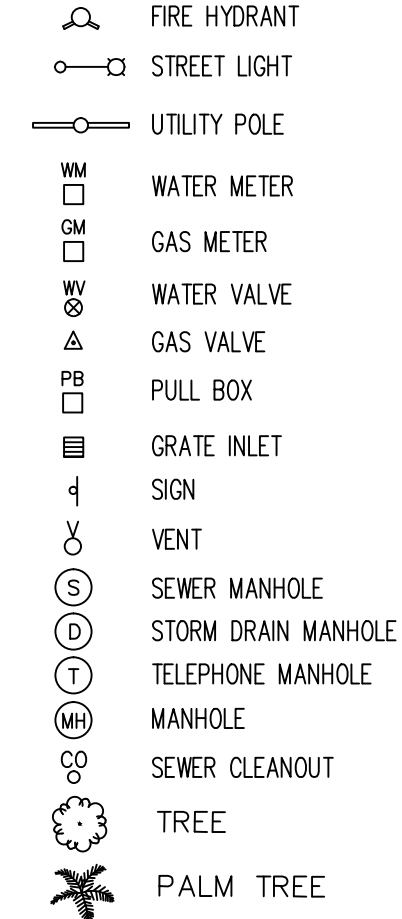
LEGEND



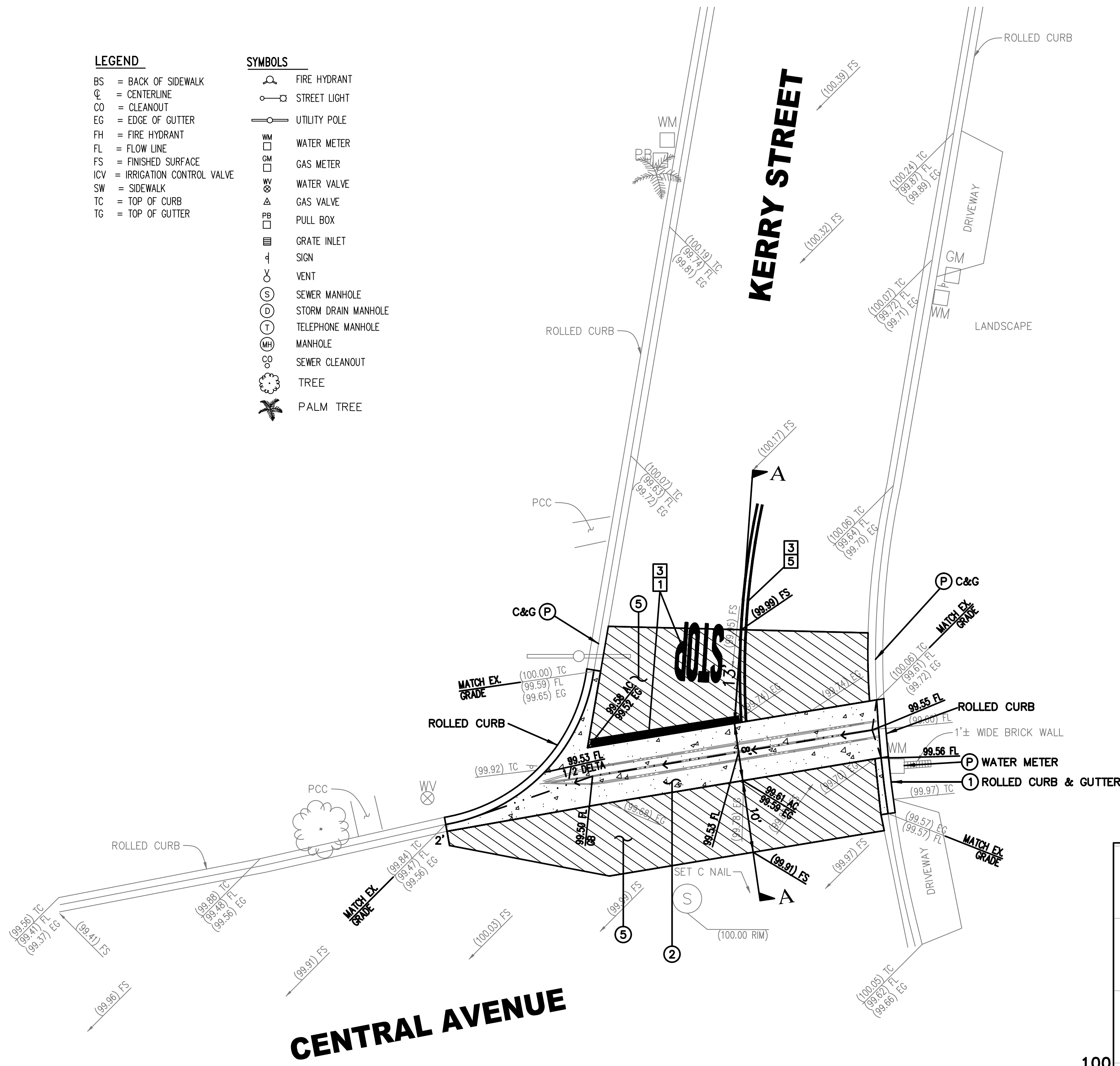
LEGEND

BS = BACK OF SIDEWALK
CL = CENTERLINE
CO = CLEANOUT
EG = EDGE OF GUTTER
FH = FIRE HYDRANT
FL = FLOW LINE
FS = FINISHED SURFACE
ICV = IRRIGATION CONTROL VALVE
SW = SIDEWALK
TC = TOP OF CURB
TG = TOP OF GUTTER

SYMBOLS



VICINITY MAP
NO SCALE



NOTE TO CONTRACTOR
ROLLED CURB SHALL BE POURED MONOLITHIC WITH
CROSS GUTTER. ACCESS RAMPS ADJOINING CURB
SHALL BE POURED SEPARATELY. PAYMENT FOR ONE
(1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL
CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE
FOOT OF CROSS GUTTER.

ROLLED CURB AND GUTTER SHALL BE PAID UNDER BID
ITEM FOR CURB AND GUTTER TYPE C-8.

CONSTRUCTION NOTES:

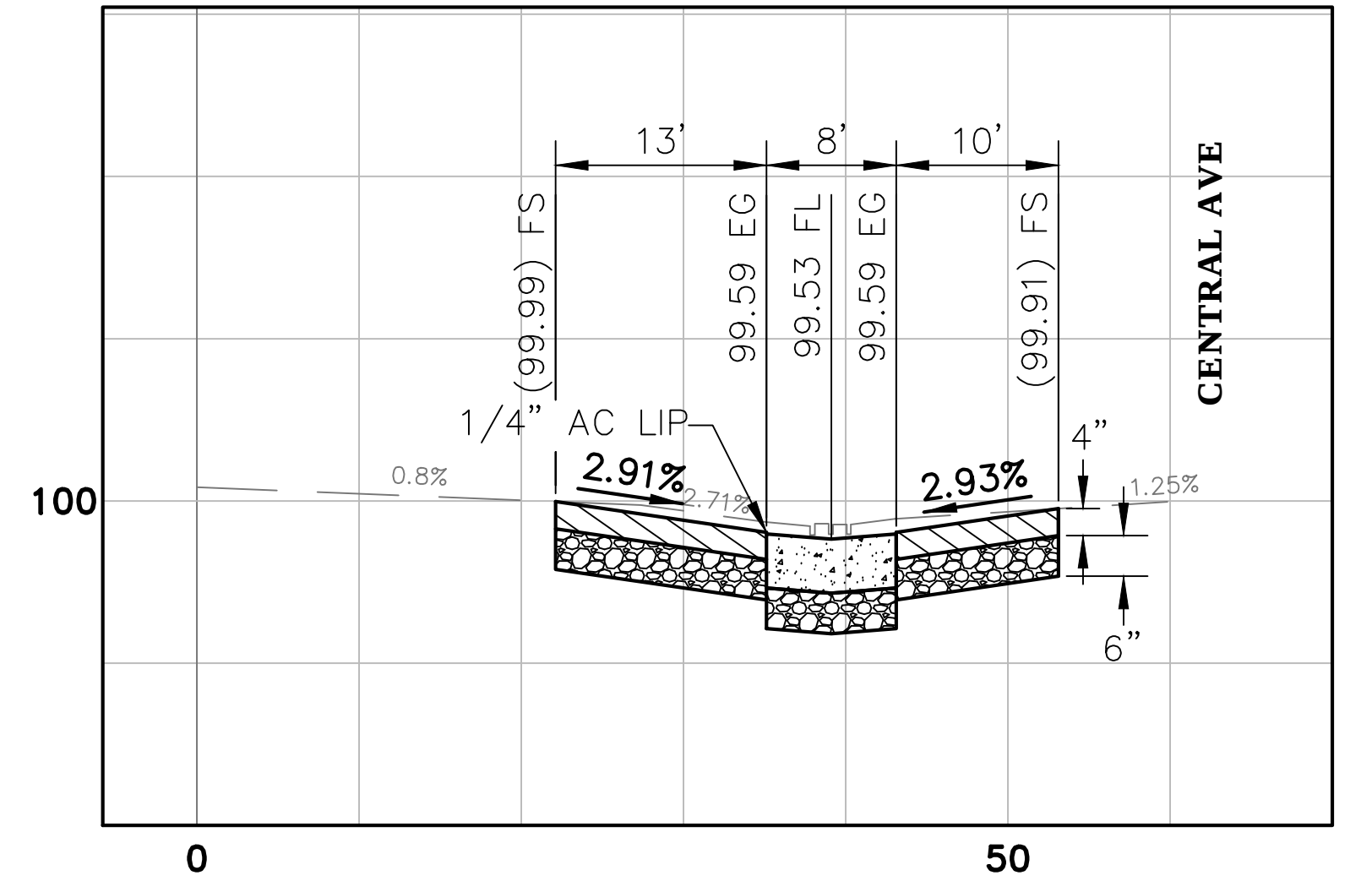
- PROTECT IN PLACE.
- REMOVE EXISTING AND CONSTRUCT PCC ROLLED CURB & GUTTER PER CITY STANDARD PLAN No. B-116. CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT, SHAPE, AND GUTTER WIDTH.
- REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- REMOVE EXISTING AND CONSTRUCT 4\"/>

SIGNING AND STRIPING NOTES:

- INSTALL 12\"/>
- SANDBLAST EXISTING STRIPING.
- INSTALL 4\"/>

AS-BUILT

TEMPORARY BENCHMARK:
SET SCRIBED X
ASSUMED ELEVATION = 100.00'



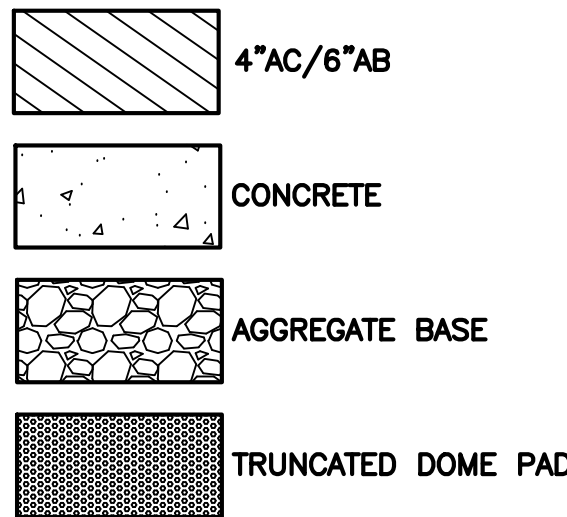
SECTION A-A
HORIZ. 1\"/>

BROOKHURST STREET REHABILITATION PROJECT

CROSS GUTTER REPLACEMENT
CENTRAL AVE AND KERRY ST

DRAWING NUMBER
A-1855
SHEET 9 OF 11

LEGEND

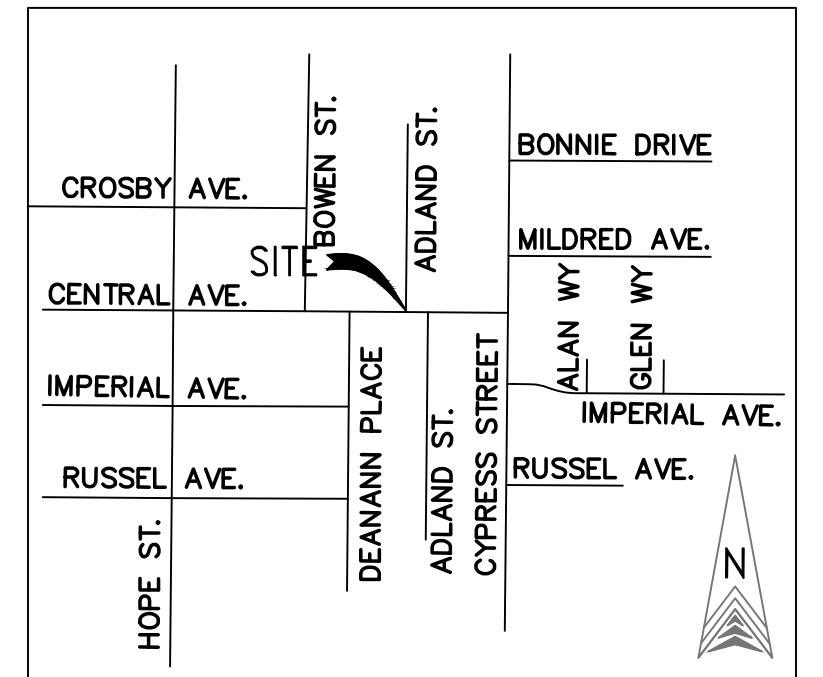


LEGEND

BS = BACK OF SIDEWALK
CL = CENTERLINE
CO = CLEANOUT
EG = EDGE OF GUTTER
FH = FIRE HYDRANT
FL = FLOW LINE
FS = FINISHED SURFACE
ICV = IRRIGATION CONTROL VALVE
SW = SIDEWALK
TC = TOP OF CURB
TG = TOP OF GUTTER

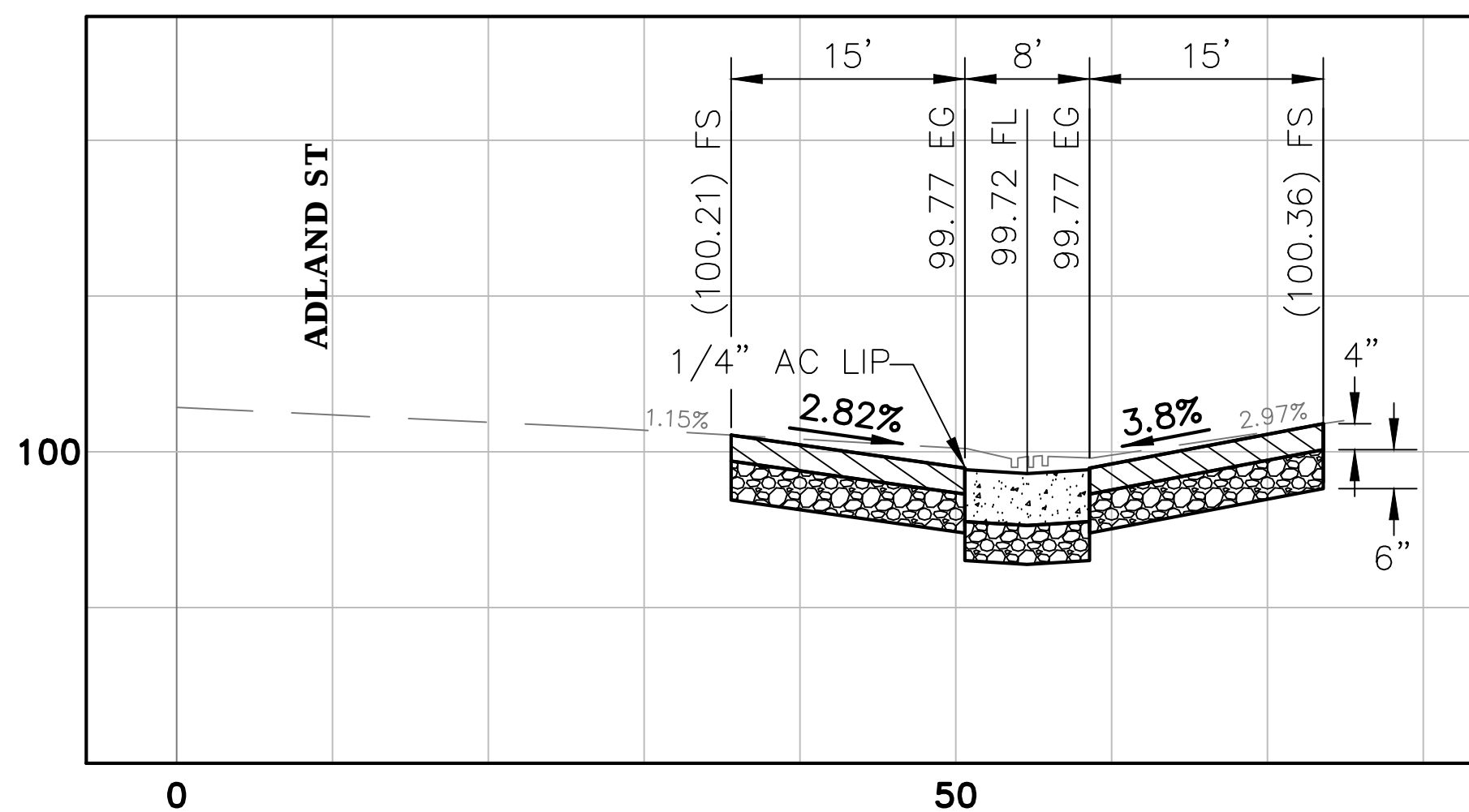
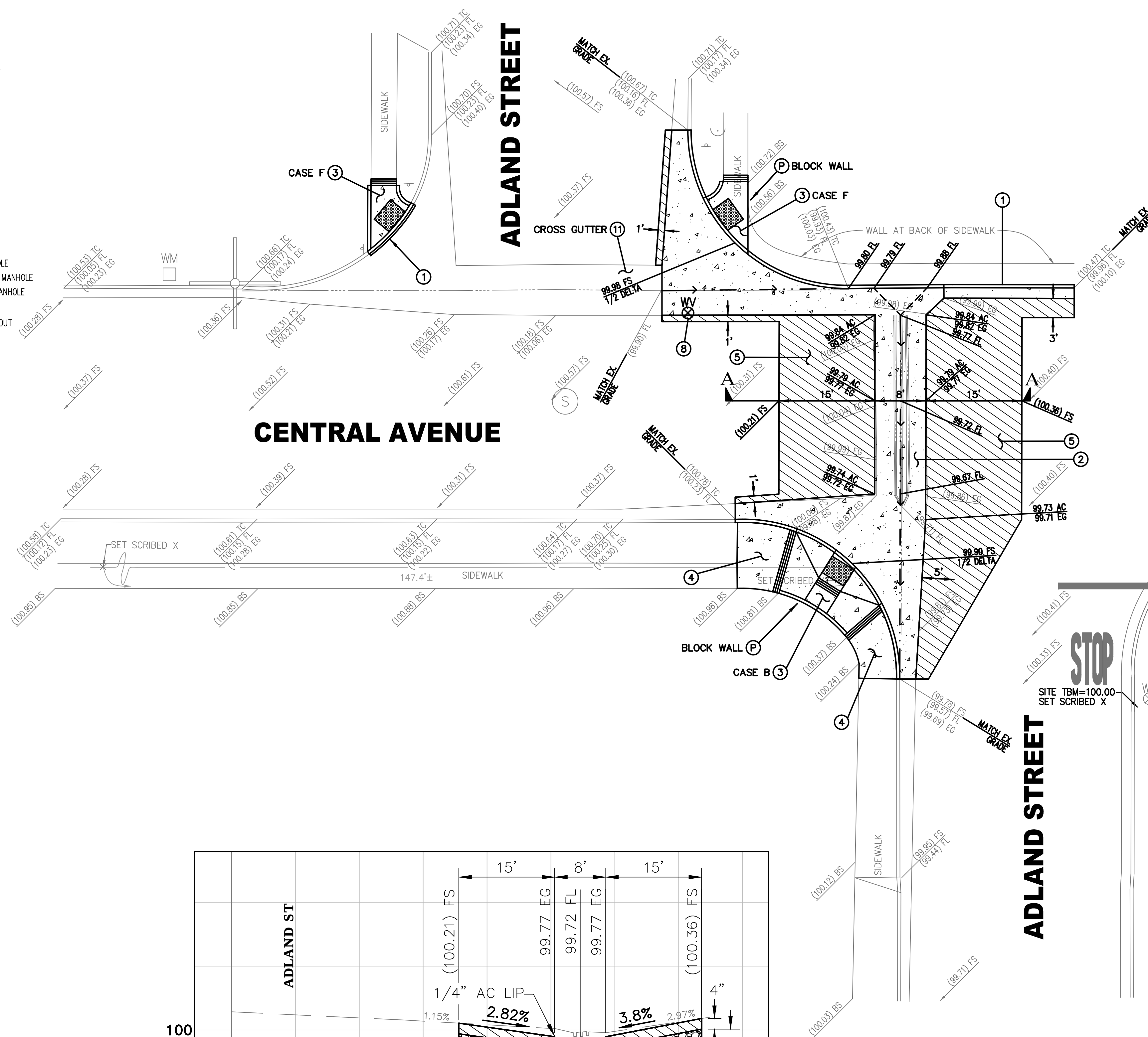
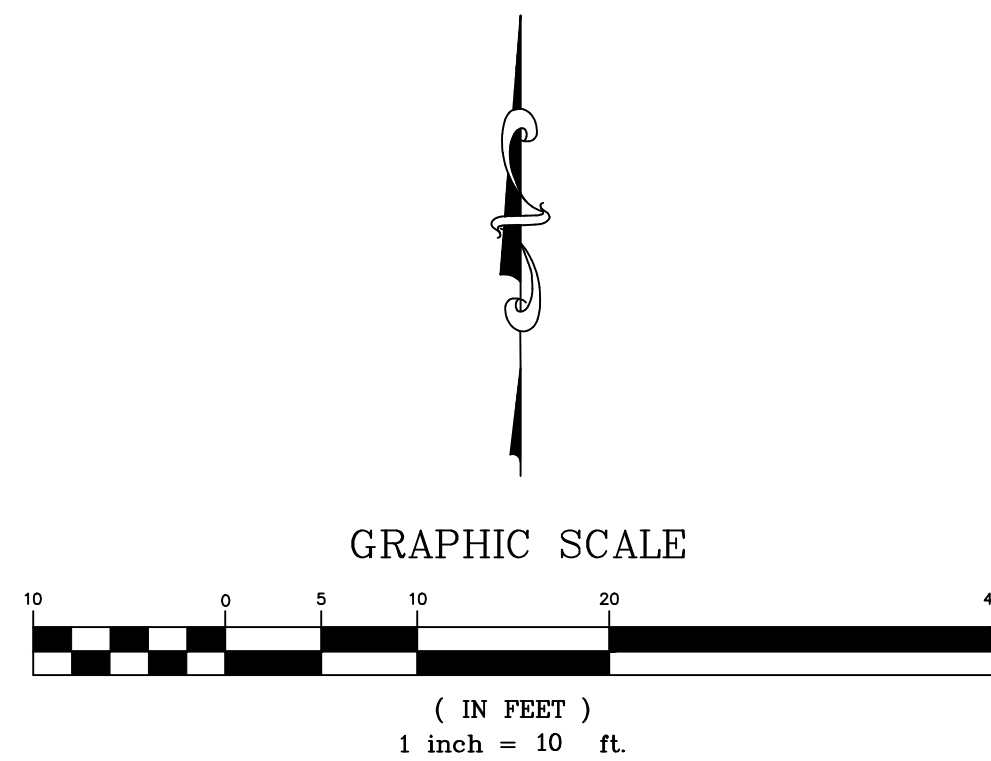
SYMBOLS

FIRE HYDRANT
STREET LIGHT
UTILITY POLE
WATER METER
GAS METER
WATER VALVE
GAS VALVE
PULL BOX
GRATE INLET
SIGN
VENT
SEWER MANHOLE
STORM DRAIN MANHOLE
TELEPHONE MANHOLE
MANHOLE
SEWER CLEANOUT
TREE



VICINITY MAP
NO SCALE

NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.



SECTION A-A
HORIZ. 1"=10'
VERT. 1"=2'

AS-BUILT

CONSTRUCTION NOTES:

- (P) PROTECT IN PLACE.
- (1) REMOVE EXISTING AND CONSTRUCT PCC CURB & GUTTER PER CITY STANDARD PLAN No. B-113. CONTRACTOR SHALL MATCH EXISTING CURB HEIGHT.
- (2) REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT.
- (3) REMOVE EXISTING AND CONSTRUCT CURB RETURN WHEELCHAIR RAMP PER STANDARD PLAN No. A88A (CALTRANS). MODIFY TO FIT EXISTING CONDITIONS.
- (4) REMOVE EXISTING AND CONSTRUCT PCC SIDEWALK PER CITY STANDARD PLAN No. B-105.
- (5) REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
- (8) ADJUST WATER VALVE TO GRADE.

TEMPORARY BENCHMARK:

SET SCRIBED X
ASSUMED ELEVATION = 100.00'

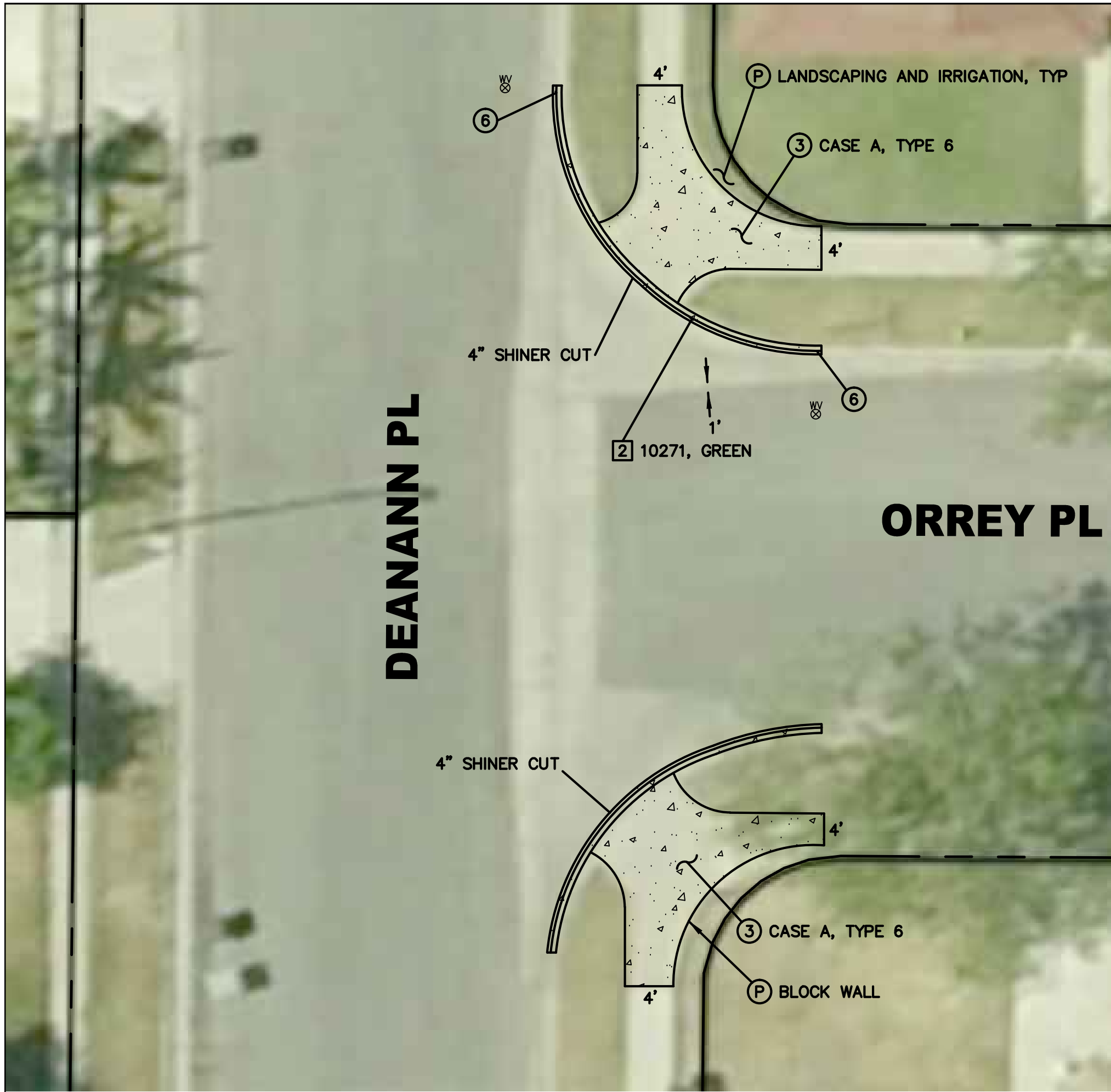
BROOKHURST STREET REHABILITATION PROJECT

CROSS GUTTER REPLACEMENT
CENTRAL AVE AND ADLAND ST

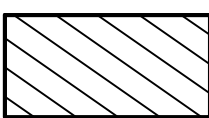
DRAWING NUMBER

A-1855

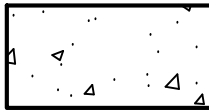
SHEET 10 OF 11



LEGEND



4"AC/6"AB



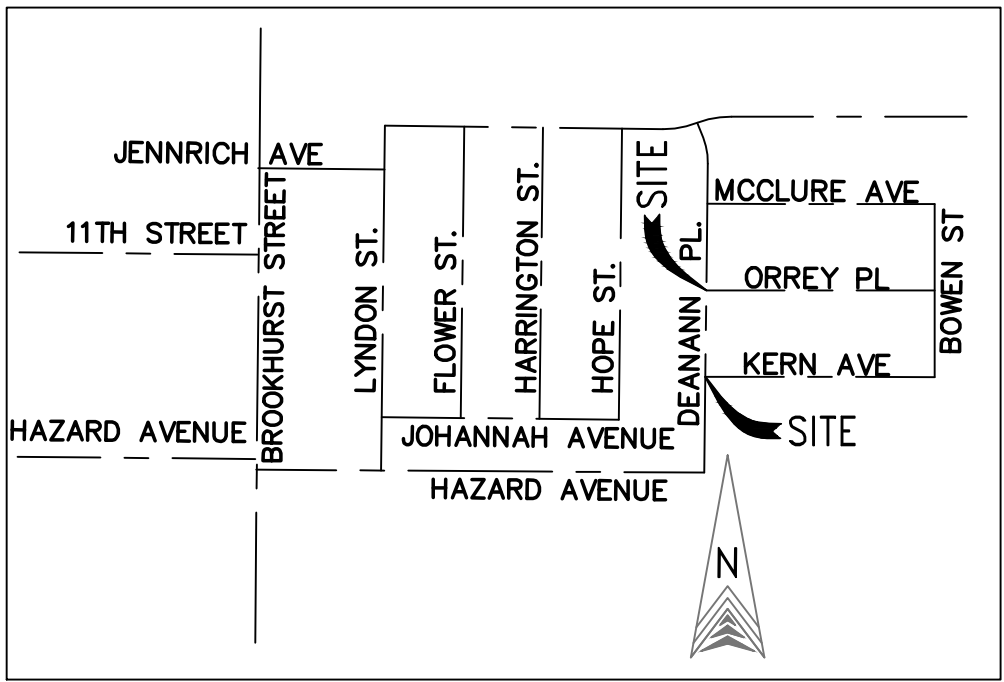
CONCRETE

CONSTRUCTION NOTES:

- (P) PROTECT IN PLACE.
- (2) REMOVE EXISTING AND CONSTRUCT CROSS GUTTER PER CITY STANDARD PLAN No. B-119 INCLUDING PCC CURB REPLACEMENT. CONTRACTOR SHALL MATCH EXISTING CONDITIONS.
- (3) REMOVE EXISTING AND CONSTRUCT PCC CURB ACCESS RAMP PER APWA STANDARD PLAN No. 111-4.
- (5) REMOVE EXISTING AND CONSTRUCT 4" AC OVER 6" AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY.
- (6) INSTALL BLUE ARROW MARKER AND REFLECTIVE "V" MARKER PER CITY STANDARD PLAN NO. B-752.

SIGNING AND STRIPING NOTES:

- (2) PAINT HOUSE ADDRESS. COLOR OF NUMBERS AS SHOWN ON PLAN.



VICINITY MAP
NO SCALE

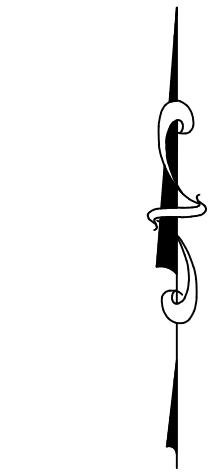


NOTE TO CONTRACTOR
CURB SHALL BE POURED MONOLITHIC WITH CROSS GUTTER. ACCESS RAMPS ADJOINING CURB SHALL BE POURED SEPARATELY. PAYMENT FOR ONE (1) LINEAL FOOT OF NEWLY CONSTRUCTED INTEGRAL CURB SHALL BE EQUIVALENT TO ONE (1) SQUARE FOOT OF CROSS GUTTER.

IF A SHINER CUT IS PERFORMED, THE CURB PLUS SHINER CUT SHALL BE POURED MONOLITHIC WITH ACCESS RAMP. PAYMENT FOR CURB AND SHINER SHALL BE INCLUDED IN THE PER EACH PRICE PAID FOR CURB ACCESS RAMP.

PAYMENT FOR ARROW MARKER AND "V" MARKER SHALL BE INCLUDED IN THE PER EACH PRICE PAID FOR CURB ACCESS RAMP.

AS-BUILT



GRAPHIC SCALE



(IN FEET)
1 inch = 10 ft.

BROOKHURST STREET REHABILITATION PROJECT

CURB RAMP REPLACEMENTS
ORREY PL AND DEANANN PL
KERN AVE AND DEANANN PL

DRAWING NUMBER

A-1855

SHEET 11 OF 11