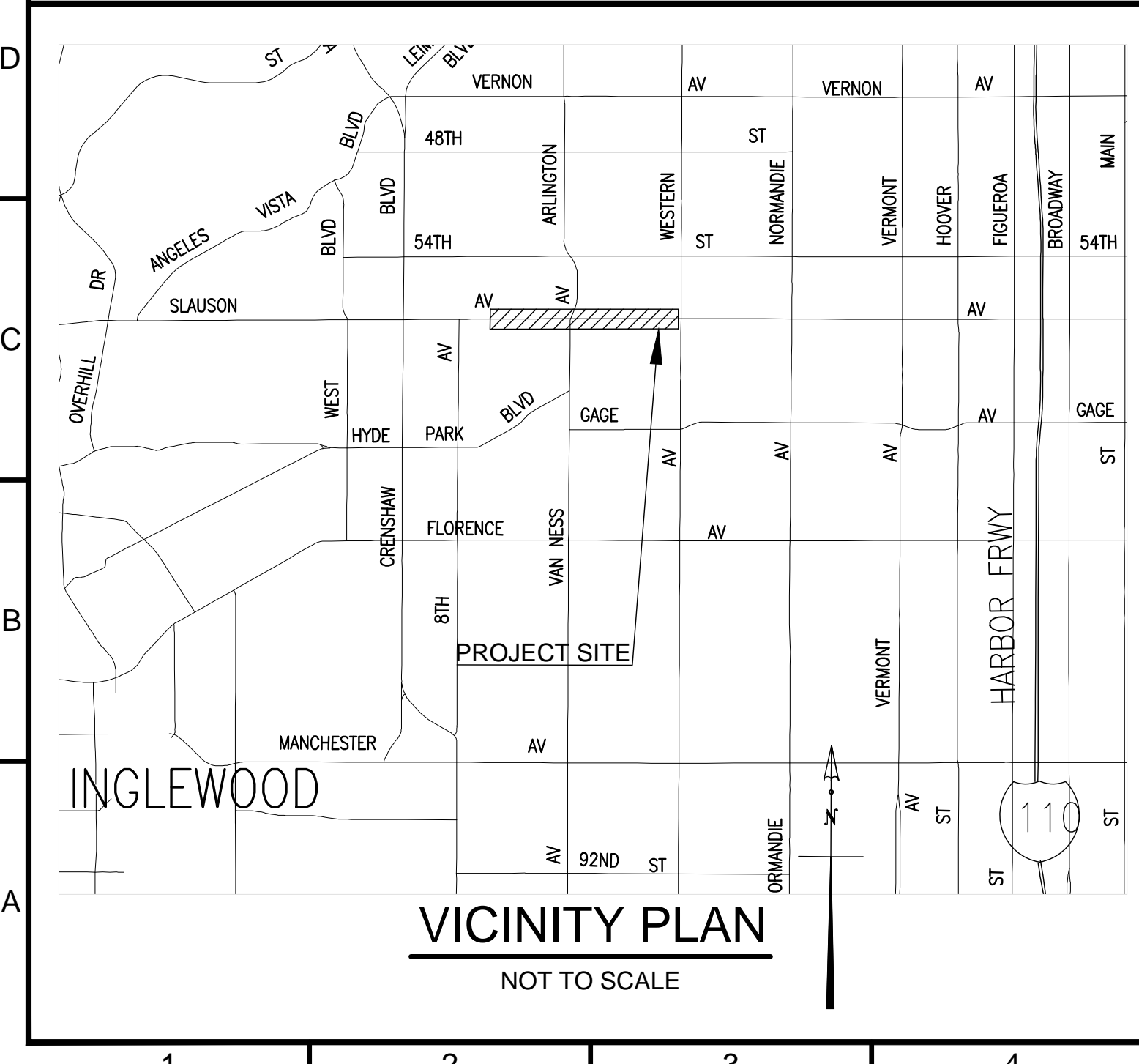
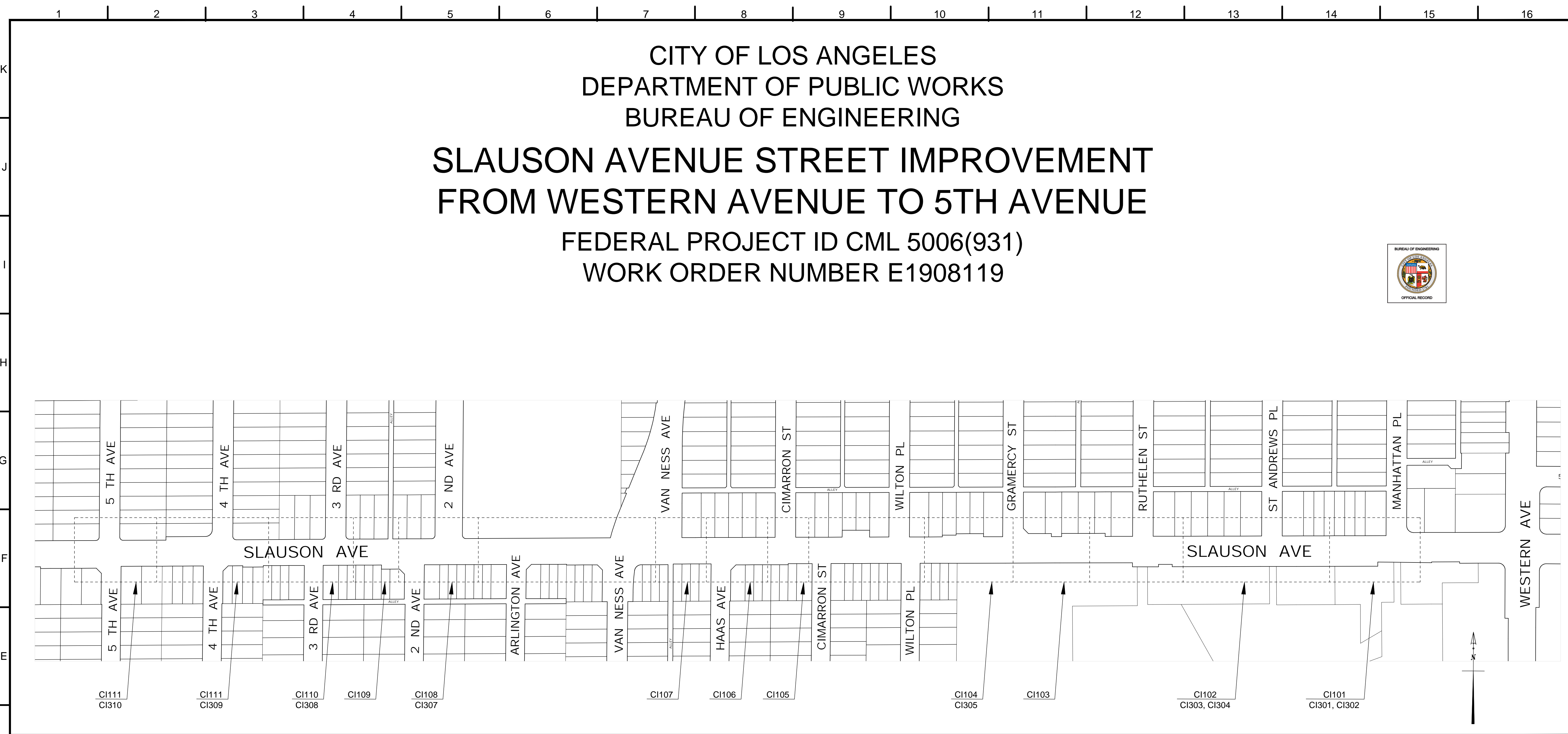


THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REVISION DATES:
(DESIGN STAGE ONLY)

Sheet Version 4.0



PROJECT TEAM			
PROJECT MANAGEMENT:	BUREAU OF ENGINEERING STREET IMPROVEMENT DIVISION NUR MALHIS, P.E. DIVISION MANAGER ZEMAMU GEBREWOLD, P.E. PROJECT MANAGER	STREETS:	BUREAU OF ENGINEERING STREET IMPROVEMENT DIVISION MATTHEW MASUDA, P.E. GROUP MANAGER KITTY SIU, P.E. PROJECT ENGINEER CARLOS CUEVA, P.E. PROJECT ENGINEER AMY BI, P.E. PROJECT ENGINEER ZEMAMU GEBREWOLD, P.E. PROJECT ENGINEER DEYSI CARRILLO, P.E. PROJECT ENGINEER
STREETS LIGHTING:	BUREAU OF STREET LIGHTING MIGUEL SANGALANG DIRECTOR	TRAFFIC SIGNALS AND STRIPING:	LOS ANGELES DEPARTMENT OF TRANSPORTATION LAURA RUBIO-CORNEJO GENERAL MANAGER
BID AND AWARD:	BUREAU OF ENGINEERING PROJECT AWARD AND CONTROL DIVISION ARSEN VOSKERCHYAN, P.E. DIVISION MANAGER	SURVEY:	BUREAU OF ENGINEERING SURVEY DIVISION WILLIAM KNIGHT, P.L.S. CHIEF LAND SURVEYOR
GEOTECHNICAL:	BUREAU OF ENGINEERING GEOTECHNICAL ENGINEERING DIVISION PATRICK SCHMIDT, P.E. DIVISION ENGINEER	ENVIRONMENTAL:	BUREAU OF ENGINEERING ENVIRONMENTAL MANAGEMENT GROUP MARIA MARTIN DIVISION MANAGER
		INSPECTION:	BUREAU OF CONTRACT ADMINISTRATION JOHN L. REAMER, JR. DIRECTOR (INSPECTOR OF PUBLIC WORKS)
		REAL ESTATE:	BUREAU OF ENGINEERING REAL ESTATE DIVISION URIEL JIMENEZ DIVISION MANAGER
		STORM WATER:	BUREAU OF ENGINEERING CLEAN WATER DIVISION CHRISTOPHER JOHNSON DIVISION MANAGER
		CONSTRUCTION MANAGEMENT:	BUREAU OF ENGINEERING CONSTRUCTION MANAGEMENT DIVISION RICHARD LOUIE, P.E. DIVISION ENGINEER NATALIE MOORE, P.E. SENIOR CIVIL ENGINEER

ENGINEERING
CITY OF LOS ANGELES

REGISTERED PROFESSIONAL ENGINEER
C 58105
CIVIL
CITY OF CALIFORNIA

THIS PLAN WAS ELECTRONICALLY
SIGNED AND SEALED

BUREAU OF ENGINEERING

VERTICAL CONTROL DATA: 12/27/2024 10:00 AM 2020 E = 134.234
HORIZONTAL CONTROL: FEB 4/17/24 PG 10-21

SHEET TITLE: COVER SHEET
PROJECT: SLAUSON AVE STREET IMPROVEMENT FROM
WESTERN AVE TO 5TH AVE
ADDRESS: SLAUSON AVE
FROM WESTERN AVE TO 5TH AVE

DEPARTMENT OF PUBLIC WORKS

DATE: BY: REVISIONS:

INDEX NO. P-39400
SHEET TYPE COVER SHEET
CIP NO. M852

CITY OF LOS ANGELES

TED ALLEN P.E.
CITY ENGINEER

7/15/2024
DATE

7/15/2024
DATE

DEPUTY CITY ENGINEER/PROGRAM MANAGER
For City Engineer

WORK ORDER NO. E1908119

SHEET NAME CG001

SHEET 1 OF 31 SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

(DESIGN STAGE ONLY)



(DESIGN STAGE ONLY)



NOTICE TO CONTRACTORS

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CONTINUED FROM BELOW LEFT

SPECIFICATIONS FOR THIS PROJECT

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION AND SUPPLEMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AS ADOPTED BY THE BOARD OF PUBLIC WORKS OF THE CITY OF LOS ANGELES AND AS MODIFIED BY CORRESPONDING ISSUE OF THE BROWNBOOK AND GENERAL CONDITIONS, GENERAL REQUIREMENTS, TECHNICAL SPECIFICATIONS AND/OR ADDENDUMS.
2. THIS IMPROVEMENT CONSISTS OF WORK CALLED FOR ON THIS PLAN ONLY.

3. PUBLIC WORKS INSPECTION

ALL WORK AND MATERIALS ARE SUBJECT TO INSPECTION.

INSPECTION: ALL WORK AND MATERIALS SHALL BE INSPECTED BY THE INSPECTOR OF PUBLIC WORKS DURING CONSTRUCTION PURSUANT TO LATEST EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK) AS AMENDED BY THE CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS' BROWN BOOK, AND THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION AS APPLICABLE. CALL (213) 485-5080 BEFORE NOON OF THE WORKING DAY BEFORE THE FIRST SCHEDULED DAY OF CONSTRUCTION.

PRIOR TO THE START OF ANY CONSTRUCTION, DEMOLITION, REMOVALS, SAWCUTTING, OR INSTALLATION OF TRAFFIC CONTROL THE CONTRACTOR SHALL MEET WITH THE INSPECTOR TO DISCUSS SAFETY, TRAFFIC CONTROL REQUIREMENTS, PUBLIC ACCESS, CONSTRUCTION IMPACT MITIGATION, REMOVAL LIMITS, AND CONTRACTOR'S PLANNED SEQUENCING OF OPERATIONS.

PRIOR TO OR AT THE PROJECT PRECONSTRUCTION MEETING THE PERMITTEE OR ITS CONTRACTOR SHALL PROVIDE THE INSPECTOR TWO SETS OF FULL-SIZE PLANS AND MAINTAIN ONE SET OF FULL-SIZE PLANS AT THE SITE DURING CONSTRUCTION. INDEXED PLANS ARE AVAILABLE FROM THE CITY'S WEBSITE AT [HTTP://ENGVAULT.LACITY](http://ENGVAULT.LACITY).

4. SURVEY CONTROL FOR THIS PROJECT

- A. VERTICAL CONTROL:
BM 18-10470 - NAVD 1988, 2000 ADJ. E=134.294'
- B. HORIZONTAL CONTROL:
FB 41174, PG 16-21
5. THE ENGINEER'S (CITY) SURVEYORS WILL PROVIDE:
 - A. PRIMARY AND SECONDARY HORIZONTAL AND VERTICAL CONTROL NECESSARY FOR CONSTRUCTION ACTIVITIES. CITY SURVEYORS SHALL PRESERVE EXISTING MONUMENTATION.
 - B. ALL NECESSARY CONSTRUCTION STAKES TO ESTABLISH THE LINES AND GRADES REQUIRED FOR THE WORK. ADDITIONAL WORKING STAKES USED BY THE CONTRACTOR IN PERFORMING THE WORK IS THE CONTRACTOR'S RESPONSIBILITY AND ARE TO BE SET FROM STAKES PROVIDED BY THE ENGINEER'S SURVEYORS. THE CONTRACTOR MUST SUBMIT A WRITTEN REQUEST FOR RESTAKING. APPROVED RESTAKING COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. SPECIAL ATTENTION RELATIVE TO PERMANENT SURVEY MARKERS IS CALLED TO SECTION 01722 OF THE GENERAL REQUIREMENTS. THE CONTRACTOR SHALL GIVE THE SURVEY DIVISION SEVEN (7) DAYS NOTICE PRIOR TO PERFORMING ANY EXCAVATION OR TRENCHING OPERATIONS IN DEDICATED STREETS.
7. THE CONTRACTOR SHALL REQUEST CONSTRUCTION STAKES FOR TANGENT CURBS AND/OR GUTTERS HAVING GRADES UNDER 0.5 PERCENT TO BE SET AT 12.5 FEET MAXIMUM INTERVALS.
8. THE CONTRACTOR SHALL POST ADVANCE CONSTRUCTION NOTICE SIGNS IN ACCORDANCE WITH STANDARD PLAN S-791. ALL COSTS INCURRED FURNISHING, INSTALLING, AND REMOVING THESE SIGNS SHALL BE CONSIDERED AS INCLUDED IN THE WORK FOR WHICH BID ITEMS ARE ENTERED. THE ADVANCE CONSTRUCTION NOTICE SIGNS SHALL INCLUDE THE PHRASE "ANOTHER PROJECT MADE POSSIBLE BY METRO" WITH METRO LOGO. FOR METRO LOGO PLEASE CALL 213.922.5246.
9. AT LEAST TEN (10) WORKING DAYS PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL ABUTTING PROPERTY OWNERS AND/OR OCCUPANTS OF THE PROPOSED CONSTRUCTION START AND COMPLETION DATES.
10. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA, A.K.A. DIGALERT, BY TELEPHONING EITHER 811 OR 800.227.2600 TO OBTAIN AN INQUIRY IDENTIFICATION NUMBER AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION WORK PER SECTION 01711 OF THE GENERAL REQUIREMENTS.

THIS PLAN AND RELATED SUBSTRUCTURE MAPS SHOULD BE USED AS AN APPROXIMATE GUIDE TO IDENTIFY AND HORIZONTALLY LOCATE KNOWN SUBSTRUCTURES. THE CONTRACTOR SHALL OBTAIN ACCURATE SIZES, LOCATIONS AND DEPTHS OF KNOWN AND UNKNOWN SUBSTRUCTURES FROM THE RESPECTIVE UTILITY COMPANIES AND/OR REQUIRED POTHOLING WITH NO POWER TOOLS PERMITTED, EXCEPT TO BREAK PAVEMENT.

ALL COSTS TO THE CONTRACTOR FOR LOCATING KNOWN AND UNKNOWN SUBSTRUCTURES SHALL BE CONSIDERED AS INCLUDED IN CLEARING AND GRUBBING BID ITEM..

12. THE CONTRACTOR, IN CONFORMANCE TO LOS ANGELES CITY ORDINANCE 150478, SHALL POTHOLE EXISTING LIVE AND ABANDONED SUBSURFACE INSTALLATIONS CARRYING OR KNOWN TO HAVE CARRIED UNSTABLE SUBSTANCES TO DETERMINE THEIR LOCATIONS AND ELEVATIONS PRIOR TO COMMENCING EXCAVATION. NO POWER TOOLS PERMITTED, EXCEPT TO BREAK PAVEMENT.

THE CONTRACTOR SHALL TEST FOR, REMOVE AND DISPOSE OF ALL RESIDUAL HAZARDOUS MATERIALS FOUND IN THE INTERFERING PORTIONS OF ABANDONED SUBSURFACE INSTALLATIONS.

AFTER REMOVAL OF INTERFERING PORTIONS OF ABANDONED SUBSTRUCTURE CONDUITS INCLUDING ALL RESIDUAL CONTENTS, THE CONTRACTOR SHALL SEAL THE CONDUIT IN ACCORDANCE WITH THE GREENBOOK AND BROWNBOOK TO THE SATISFACTION OF THE PROJECT ENGINEER AND INSPECTOR. ALL COSTS TO THE CONTRACTOR SHALL BE CONSIDERED AS INCLUDED IN THE WORK FOR WHICH BID ITEMS ARE ENTERED.

CONTINUED AT ABOVE RIGHT

3. ALL INTERFERING PUBLIC UTILITY FACILITIES INCLUDING FIRE HYDRANTS, WATER METERS, WATER AND GAS VALVES, TELEPHONE MAINTENANCE HOLES, POWER VAULTS, ETC., SHALL BE RELOCATED OR ADJUSTED TO GRADE BY OTHERS.
14. THE CONTRACTOR SHALL RELOCATE AND/OR ADJUST TRAFFIC SIGNAL AND STREET LIGHTING PULL BOXES WITH CONDUITS ALONG WITH SEWER AND STORM DRAIN MAINTENANCE HOLE COVERS TO GRADE.
15. CRUSHED MISCELLANEOUS BASE(CMB) PER SECTION 200-2 OF THE STANDARD SPECIFICATIONS SHALL BE PLACED UNDER ALL NEW CURB, GUTTER AND STREET PAVEMENT, UNLESS OTHERWISE SPECIFIED ON THE PLAN. PLACE A MINIMUM OF 4-INCH CMB UNDER SIDEWALK AND DRIVEWAYS, UNLESS OTHERWISE SPECIFIED ON THE PLAN.
16. PLACING PERMANENT ROADWAY PAVEMENT SHALL BE WITHHELD UNTIL CONTEMPLATED UTILITY CHANGES OR INSTALLATIONS HAVE BEEN MADE UNDER A CITY ISSUED UTILITY PERMIT.
17. ASPHALT CONCRETE WEARING SURFACE (ACWS) SHALL NOT BE LAID UNTIL ALL ASPHALT CONCRETE BASE PAVEMENT IS PLACED.
18. WHEN REMOVING AND REPLACING IMPROVEMENTS ON PRIVATE PROPERTY TO MAKE SMOOTH JOINS, THE REPLACEMENT MATERIALS SHALL MATCH THE ORIGINAL MATERIALS.
19. TEMPORARY TRENCH RESURFACING SHALL BE THREE (3) INCHES OF ASPHALT CONCRETE ON GRADE.
20. THE CONTRACTOR SHALL REPLACE, IN-KIND, AND RECONNECT ALL CURB DRAINS PER STANDARD PLAN S-503.
21. THE CONTRACTOR SHALL REMOVE TREE(S) ONLY WHEN DESIGNATED ON THE PLAN. THE REMOVAL OF TWO OR MORE TREES WILL REQUIRE THE APPROVAL OF THE BOARD OF PUBLIC WORKS AND A TREE REMOVAL PERMIT. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF STREET SERVICES (StreetsLA) - URBAN FORESTRY DIVISION (UFD) AT 213.847.3077 FIVE (5) WORKING DAYS BEFORE ANY TREE REMOVAL(S) FOR SUBMITTAL POLICY AND PROCEDURES.

UFD SHALL INSPECT ANY EXISTING TREE(S) IMPACTED BY THE WORK. ALL TREE ROOT PRUNING AND TRIMMING OF CANOPIES SHALL PROCEED ONLY UNDER THE SUPERVISION AND INSPECTION OF A UFDTREE INSPECTOR.

UFD SHALL APPROVE AND MARK ALL NEW STREET TREE LOCATIONS PRIOR TO PLANTING. THE CONTRACTOR SHALL CALL UFD AT 213.847.3077 FIVE(5) WORKING DAYS BEFORE ANY PLANTINGS FOR MARKING OF THE TREE LOCATIONS.

UFD SHALL INSPECT, APPROVE AND TAG ALL NEW STREET TREES PRIOR TO SITE DELIVERY. THE CONTRACTOR SHALL CONTACT UFD AT 213.847.3077 AT LEAST FIVE (5) WORKING DAYS PRIOR TO TREE DELIVERY TO COORDINATE A NURSERY VISIT. THE NURSERY SHALL BE LOCATED WITHIN A FIFTY (50) MILE RADIUS FROM THE STREET TREE INSPECTOR'S DISTRICT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMIT REQUIREMENTS AND FEES.

THE CONTRACTOR SHALL NOTIFY THE StreetsLA - LANDSCAPE MAINTENANCE TO ATTEND BOTH THE POST-CONSTRUCTION, PRE-PLANT ESTABLISHMENT PERIOD AND THE POST-PLANT ESTABLISHMENT PERIOD FINAL INSPECTIONS SO THAT ALL MANUALS, AS-BUILTS, KEYS, ETC. CAN BE TURNED OVER TO THE StreetsLA.

22. THE CONTRACTOR SHALL DETERMINE IF SPRINKLER SYSTEMS ARE IN WORKING ORDER BY CONTACTING THE ADJACENT PROPERTY OWNERS. THE PROPERTY OWNERS HAVE THE OPTION TO SALVAGE IRRIGATION SYSTEM PARTS.

THE CONTRACTOR SHALL RELOCATE AND/OR ADJUST EXISTING, WORKING, IRRIGATION SYSTEMS IN THE PUBLIC RIGHT OF WAY (PARKWAY) AND/OR TEMPORARY CONSTRUCTION EASEMENTS BY INSTALLING NEW, IN-KIND, PIPES AND ADDING NEW, ADJUSTABLE RADIUS, SPRINKLER HEADS SET FLUSH WITH THE TOP OF ADJACENT FINISHED SURFACES AS NEEDED TO ENSURE HEALTHY, VIGOROUS, PLANT GROWTH. THE CONTRACTOR SHALL PROVIDE HEAD TO HEAD COVERAGE.

THE CONTRACTOR SHALL GRADE ALL AREAS BACK OF THE CURB, SIDEWALK OR EDGE OF PAVEMENT TO A FINISHED SURFACE HAVING A MINIMUM TWO (2) PERCENT GRADE IN THE PUBLIC RIGHT OF WAY AND SHALL REPAIR LAWN AREAS BY OVERSEEDING WITH SAME VARIETY OF SEED MIX AS THE EXISTING GRASS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 308-4.8, METHOD A.

ALL COSTS TO THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION WORK AND MATERIALS SHALL BE CONSIDERED AS INCLUDED IN THE WORK FOR WHICH BID ITEMS ARE ENTERED.

23. THE CONTRACTOR SHALL PROVIDE CONTINUOUS BUS ACCESS THROUGHOUT THE PROJECT LENGTH AND DURATION BY NOTIFYING THE MTA SUPERINTENDENT OF TRANSPORTATION SERVICES OFFICE AT 213.922.4646 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY WORK WHICH WILL AFFECT EXISTING BUS OPERATIONS AND/OR FACILITIES.
24. IN ACCORDANCE WITH SECTION 7-10 OF THE GREENBOOK, SAFE AND ADEQUATE PEDESTRIAN AND VEHICULAR ACCESS SHALL BE PROVIDED AND MAINTAINED TO: FIRE HYDRANTS; COMMERCIAL AND INDUSTRIAL ESTABLISHMENTS; CHURCHES; SCHOOLS AND PARKING LOTS; SERVICE STATIONS AND MOTELS; HOSPITALS; POLICE AND FIRE STATIONS; AND ESTABLISHMENTS OF SIMILAR NATURE. ACCESS TO THESE FACILITIES SHALL BE CONTINUOUS AND UNOBSTRUCTED UNLESS OTHERWISE APPROVED BY THE ENGINEER*. THESE ACCESS REQUIREMENTS SHALL ALSO APPLY TO ALL OTHER DRIVEWAYS, INCLUDING RESIDENTIAL DRIVEWAYS, WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL BE RESPONSIBLE TO SCHEDULE DRIVEWAY REMOVALS AND CONSTRUCTION WITH ADJACENT PROPERTY AND/OR BUSINESS OWNERS PRIOR TO COMMENCING EACH SECTION OF WORK. THE CONTRACTOR SHALL SUBMIT TO THE CITY FOR APPROVAL, PLANS FOR MAINTAINING ACCESS TO DRIVEWAYS, THE CONTRACTOR MAY CONSTRUCT HALF OF A DRIVEWAY AT A TIME, USE STEEL PLATES, OR USE OTHER METHODS TO MAINTAIN ACCESS TO PRIVATE PROPERTY.



A. CITY OF LOS ANGELES - BUREAU OF ENGINEERING (LATEST VERSIONS)

STANDARD PLAN S-100 SERIES
S-137 ADJUSTING SEWER MAINTENANCE HOLE TO GRADE

STANDARD PLAN S-400 SERIES

- S-410-2 TYPES OF CURB AND GUTTER
- S-420-2 ALLEY INTERSECTION
- S-430-1 JOINTS IN CONCRETE PAVEMENT
- S-432-1 STANDARD STREET CROWN SECTIONS
- S-433-0 BUS PAD
- S-440-4 DRIVEWAYS
- S-442-6 CURB RAMPS
- S-444-0 SIDEWALKS
- S-450-4 TIRE WELL SIZE AND COVER DETAILS
- S-463-3 PEDESTRIAN PIPE GUARDRAILS & HANDRAILS

STANDARD PLAN S-600 SERIES
S-601-3 HAND HOLES, MAINTENANCE HOLE COVERS AND FRAMES, DETECTABLE WARNING SURFACE,
TREE WELL COVERS, PAVERS AND SIMILAR INSTALLATIONS
S-627-0 SYMBOLS FOR CONSTRUCTION NOTES

STANDARD PLAN S-700 SERIES	
S-701-0	SURVEY MONUMENT COVER AND INSTALLATION DETAILS
S-702-0	SURVEY MONUMENTS
S-703-0	SURVEY BENCH MARKS
S-704-0	VERTICAL SURVEY DATUMS
S-791-1	ADVANCE CONSTRUCTION NOTICE SIGNS

26. DRAWING STANDARD:

- A. THIS DRAWING SET WAS COMPILED IN COMPLIANCE WITH THE NATIONAL CAD STANDARD (LATEST VERSION) AS MODIFIED BY THE CITY OF LOS ANGELES, BUREAU OF ENGINEERING CAD MANUAL DATED NOVEMBER 1, 2018 (SPECIAL ORDER NO. 05-1018).
- B. THE DRAWING NUMBER COMPLIES WITH THE STANDARD SHEET IDENTIFICATION FROM THE BOE CADD STANDARDS APPENDIX A, 12.1 SHEET NAMING; SEE TABLE BELOW:

LEVEL 1 DISCIPLINE DESIGNATORS:

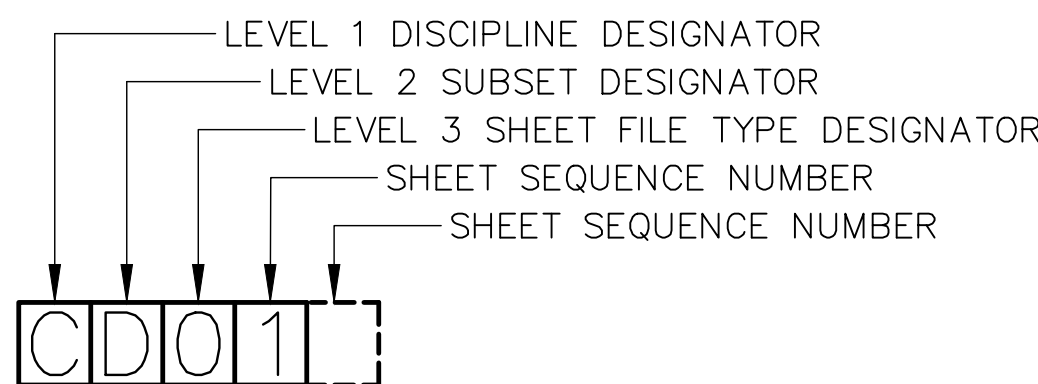
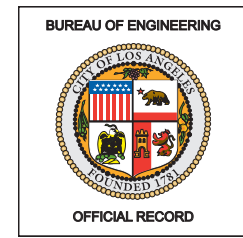
G - GENERAL
C - CIVIL
L - LANDSCAPE

LEVEL 2 DISCIPLINE DESIGNATORS:

D - DEMOLITION/R
G - GENERAL
I - IMPROVEMENT
P - PAVING
U - UTILITIES

LEVEL3 SHEET FILE TYPE DESIGNATORS:

- 0 - GENERAL (SYMBOLS, LEGENDS, NOTES, ETC)
- 1 - PLANS (HORIZONTAL VIEWS)
- 2 - ELEVATIONS (VERTICAL VIEWS)
- 3 - SECTIONS (SECTIONAL VIEWS)
- 4 - LARGE SCALE VIEWS (PLANS, ELEVATIONS, SECTIONS)
- 5 - DETAILS
- 6 - SCHEDULES AND DIAGRAMS
- 7 - 3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOGRAPHS)



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NOTICE TO CONTRACTORS

27. TRAFFIC LANE REQUIREMENTS

* PROJECTS WITHIN THE MAJOR TRANSIT AND TRANSPORTATION CONSTRUCTION TRAFFIC MANAGEMENT COMMITTEE (TCTMC) AREAS REQUIRE SPECIFIC TRAFFIC LANE REQUIREMENTS FROM THE COMMITTEE PRIOR TO THE START OF WORK ON THE PUBLIC RIGHT OF WAY.

ON STREETS WITH ONE TRAFFIC LANE IN EACH DIRECTION, MAINTAIN ONE TRAFFIC LANE IN EACH DIRECTION AT ALL TIMES. ON MULTI-LANE STREETS, THE DEPARTMENT OF TRANSPORTATION (LADOT) RECOMMENDS THAT ONE TRAFFIC LANE MAY BE CLOSED BETWEEN 9:00 AM TO 3:30 PM MONDAY TO FRIDAY AND 8:00 AM TO 5:00 PM ON SATURDAY. ALL TRAFFIC LANES (INCLUDING TURNING AND PARKING LANES) SHALL BE UNOBSTRUCTED AT ALL OTHER TIMES. ANY TRAFFIC LANE CLOSURE SHALL BE APPROVED BY THE BUREAU OF ENGINEERING (BOE) AND/OR BUREAU OF STREET SERVICES (BSS) THROUGH THEIR PERMITTING PROCEDURES.

THE CONTRACTOR SHALL FOLLOW ALL PROVISIONS OF THE TANDARD SPECIFICATIONS FOR PUBLIC WORKS N T R T N (GREEN BOOK) AND THE LATEST ISSUE OF THE CITY'S BROWN BOOK INCLUDING BUT NOT LIMITED TO MAINTAIN EMERGENCY VEHICLE ACCESS AND LOCAL ACCESS ON LOCAL STREETS AND ALLEYS AT ALL TIMES. ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES UNLESS WRITTEN APPROVAL OR AGREEMENTS HAVE BEEN OBTAINED BY THE AFFECTED PROPERTY OWNER.

ALL REQUESTS FOR ADDITIONAL TRAFFIC LANE CLOSURES AND SIDEWALK CLOSURE SHALL BE APPROVED BY BOE AND/OR BSS. IN ADDITION, ALL TRAFFIC LANE CLOSURES BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:30 PM TO 7:00 PM MONDAY TO FRIDAY SHALL OBTAIN AN EXEMPTION OF THE L.A.M.C 62.61 (B) (RUSH HOUR CONSTRUCTION ON CITY STREETS) WHICH IS APPROVED BY BOE. ALSO, ANY TRAFFIC LANE CLOSURES BETWEEN 9:00 PM TO 6:00 AM MONDAY TO FRIDAY, AND TRAFFICLANE CLOSURES ON SUNDAY SHALL REQUIRE A NOISE VARIANCE APPROVAL BY THE LOS ANGELES POLICE COMMISSION.

WORK AREA TRAFFIC CONTROL (LESS THAN 72 HOURS)

THE WORK AREA TRAFFIC CONTROL FOR ALL TRAFFIC LANE, SIDEWALK AND STREET CLOSURES SHALL COMPLY WITH THE PROVISIONS OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD) 2014 EDITION (OR LATEST CITY ADOPTED EDITION). THE CITY PERMITTING AGENCY (EITHER BOE AND/OR BSS) MAY ALLOW THE USE OF TYPICAL APPLICATIONS FROM THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) MANUAL (LATEST CITY ADOPTED EDITION) FOR TYPICAL TRAFFIC LANE CLOSURES. BOE AND/OR BSS MAY REQUIRE THE CONTRACTOR TO CONTACT LADOT FOR FURTHER REVIEW OF ANY REQUESTED TRAFFIC LANE, SIDEWALK AND STREET CLOSURE. LADOT MAY REQUIRE THE PREPARATION OF A SITE-SPECIFIC WORKSITE TRAFFIC CONTROL PLAN (WTCP) DESIGNED AND STAMPED BY A CALIFORNIA REGISTERED CIVIL AND TRAFFIC PROFESSIONAL ENGINEER. FOR INFORMATION ON PREPARING AND SUBMITTING SHORT-TERM WTCP, PLEASE VISIT OUR WEBSITE AT [HTTP://LADOT.LACITY.ORG/BUSINESSES/TEMPORARY-TRAFFIC-CONTROL-PLANS#UNDER-72-HOURS](http://ladot.lacity.org/businesses/temporary-traffic-control-plans#under-72-hours).

IF ON-STREET PARKING IS REQUIRED FOR TEMPORARY REMOVAL FOR THE REQUESTED TRAFFIC LANE OR STREET CLOSURE, THE CONTRACTOR SHALL CONTACT LADOT'S SPECIAL TRAFFIC CONTROL DIVISION AT (213) 485-2298, FOUR (4) WORK DAYS PRIOR TO THE START OF CONSTRUCTION FOR THE POSTING OF TEMPORARY "TOW AWAY NO STOPPING" SIGNS.

WORK AREA TRAFFIC CONTROL (72 HOURS OR LONGER)

THE WORK AREA TRAFFIC CONTROL FOR ALL TRAFFIC LANE, SIDEWALK AND STREET CLOSURES FOR A DURATION OF 72 HOURS OR LONGER CONSECUTIVE HOURS SHALL REQUIRE A LONG-TERM WTCP. THE LONG-TERM WTCP SHALL COMPLY WITH THE PROVISIONS OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD) 2014 EDITION (OR LATEST CITY ADOPTED EDITION) AS WELL AS LADOT'S DESIGN STANDARDS AND SPECIFICATIONS. THE WTCP SHALL BE PREPARED UNDER THE SUPERVISION AND STAMPED BY A CALIFORNIA REGISTERED CIVIL AND TRAFFIC PROFESSIONAL ENGINEER. FOR INFORMATION ON PREPARING AND SUBMITTING LONG-TERM WTCP, PLEASE VISIT OUR WEBSITE AT [HTTP://LADOT.LACITY.ORG/BUSINESSES/TEMPORARY-TRAFFIC-CONTROL-PLANS#OVER-72- HOURS](http://ladot.lacity.org/businesses/temporary-traffic-control-plans#over-72-hours).

TRAFFIC CONTROL DEVICES MAINTENANCE/RESTORATION

STRIPING, SIGNAGE AND CURB MARKINGS

THE APPLICANT SHALL BE RESPONSIBLE FOR THE RESTORATION OF ALL OBLITERATED STRIPING AND PAVEMENT MARKINGS, AND FOR THE REINSTALLATION OF ALL MISSING, DAMAGED AND NECESSARY TRAFFIC CONTROL DEVICES (INCLUDING BUT NOT LIMITED TO SIGNS, CURB MARKINGS, SPEED HUMPS, STAMPED CROSSWALKS). THE CONTRACTOR SHALL BE REQUIRED TO PHYSICALLY INSTALL SOME OR ALL THE TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF LADOT. THE ENTIRE COST THEREOF SHALL BE BORNE BY THE CONTRACTOR. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE INSTALLED UTILIZING THERMOPLASTIC MATERIALS PER LADOT SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT LADOT'S CITYWIDE INVESTIGATIONS AT (213) 928-9625 PRIOR TO COMMENCING ANY WORK THAT REQUIRES TRAFFIC CONTROL DEVICES MAINTENANCE.

PARKING METERS

IF THIS PROJECT IMPACTS ANY PARKING METERS, THE APPLICANT AND/OR CONTRACTOR SHALL CONTACT THE LADOT PARKING METER PLANNING SECTION AT (213) 473-8270 TEN (10) WORKING DAYS IN ADVANCE OF CONSTRUCTION AFFECTING PARKING METERS. LADOT WILL COORDINATE THE REMOVAL OF PARKING METERS AND SIGNS AS NEEDED AND, UPON COMPLETION OF THE PROJECT, THE REINSTALLATION OF METERS, SIGNS, AND/OR PAINT AS NEEDED. REMOVAL AND REINSTALLATION COSTS WILL BE DEDUCTED FROM THE CONTRACTOR'S DEPOSIT. FAILURE TO NOTIFY LADOT WILL MAKE THE CONTRACTOR LIABLE FOR THE COST OF ANY MISSING OR DAMAGED METERS, SIGNS, ETC., WHICH LADOT'S RECORDS INDICATE WERE PRESENT.

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28. CITY TRANSIT FURNITURE

CONTRACTOR SHALL ARRANGE AND PAY FOR THE REMOVAL, STORAGE, RELOCATION, REPLACEMENT, AND/OR RE INSTALLATION OF ALL TRANSIT SHELTERS, PUBLIC AMENITY KIOSKS (PAK's), NEWSSTAND VENDING KIOSKS (VK's), AUTOMATED PUBLIC TOILETS (APT's), AND/OR ADVERTISING BASED BUS BENCHES (AD BUS BENCHES) AND THEIR RELATED APPURTENANCES THAT MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES ASSOCIATED WITH THESE PLANS WHETHER SHOWN AND INDICATED ON THE PLANS OR NOT. TRANSIT SHELTERS, PAK's, VK's, APT's, AND AD BUS BENCHES ARE THE PROPERTY OF THE CITY OF LOS ANGELES AND MAY ONLY BE REMOVED, RELOCATED, STORED, REPLACED AND/OR RE INSTALLED BY THE CITY'S AUTHORIZED VENDORS, OUTFRONT MEDIA/JC DECAUX, LLC, (OFMJCD) AND INSITE STREET MEDIA, LLC (ISSM)

A. CONTRACTOR SHALL CONTACT GUILLERMO GONZALEZ OF OFMJCD AT (213) 608 0872 A MINIMUM OF SIX (6) WEEKS PRIOR TO ANY REQUIRED REMOVAL OR RELOCATION OF A TRANSIT SHELTER, PAK, VK, OR APT, TO ARRANGE AND PAY FOR THE REQUIRED REMOVAL, RELOCATION, REPLACEMENT, OR RE INSTALLATION. OFMJCD WILL THEN PREPARE AN INVOICE FOR ITS COSTS TO PERFORM THE REQUESTED WORK AND PRESENT IT TO THE CONTRACTOR. UPON REMITTANCE FROM CONTRACTOR FOR ITS INVOICED COSTS, OFMJCD WILL SCHEDULE ITS CREWS TO PERFORM THE REQUESTED WORK. NEITHER OFMJCD NOR THE CITY SHALL BE RESPONSIBLE FOR ANY DELAYS ASSOCIATED WITH CONTRACTOR'S FAILURE TO PROPERLY NOTIFY AND REMIT ITS PAYMENT TO OFMJCD AS NOTED HEREON.

B. CONTRACTOR SHALL CONTACT JOVANY MORALES OR GLENN FLUTIE OF ISSM AT (310) 559 1600 A MINIMUM OF FOUR (4) WEEKS PRIOR TO ANY REQUIRED REMOVAL OR RELOCATION OF ANY CITY AD BUS BENCH TO ARRANGE FOR ITS REMOVAL OR RELOCATION. NEITHER ISSM NOR THE CITY SHALL BE RESPONSIBLE FOR ANY DELAYS ASSOCIATED WITH THE CONTRACTOR'S FAILURE TO PROPERLY NOTIFY ISSM AS NOTED HEREON.

C. CONTRACTOR SHALL CONTACT GUILLERMO GONZALEZ OF OFMJCD (213) 847 0872 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE CONSTRUCTION OF ANY SIDEWALK AREA THAT IS INTENDED TO RECEIVE A NEW, REPLACEMENT, OR RELOCATED CITY TRANSIT SHELTER, PAK, VK, AND/OR APT TO COORDINATE THE PLACEMENT AND INSTALLATION OF ANY SUB GRADE FOOTING AND/OR ELECTRICAL CONDUIT(S) REQUIRED TO FACILITATE THE INSTALLATION OF SUCH CITY TRANSIT FURNITURE.

D. CONTRACTOR SHALL CONTACT JOVANY MORALES OR GLENN FUTIE OF ISSM AT (310) 559 1600 UPON COMPLETION OF CONSTRUCTION ACTIVITIES AFFECTING BUS STOP LANDING AREAS TO COORDINATE THE REINSTALLATION OF ANY CITY AD BUS BENCH TEMPORARILY REMOVED FOR CONSTRUCTION PURPOSES.

CONTINUED AT ABOVE RIGHT

29. URBAN FORESTRY DIVISION

THE CONTRACTOR SHALL REMOVE TREE(S) ONLY WHEN DESIGNATED ON THE PLAN. THE REMOVAL OF TWO OR MORE TREES WILL REQUIRE THE APPROVAL OF THE BOARD OF PUBLIC WORKS AND A TREE REMOVAL PERMIT. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF STREET SERVICES (BSS)-URBAN FORESTRY DIVISION AT TELEPHONE 213.847.3077 FIVE (5) WORKING DAYS BEFORE ANY TREE REMOVAL(S) FOR SUBMITTAL POLICY AND PROCEDURES.

NOTIFY THE URBAN FORESTRY DIVISION AT (213) 485-5675, FIVE WORKING DAYS PRIOR TO TRIMMING AND/OR ROOT PRUNING FOR A REPRESENTATIVE TO INSPECT AND ISSUE THE NECESSARY PERMITS.

THE BSS-URBAN FORESTRY DIVISION SHALL INSPECT ANY EXISTING TREE(S) IMPACTED BY THE WORK. ALL TREE ROOT PRUNING AND TRIMMING OF CANOPIES SHALL PROCEED ONLY UNDER THE SUPERVISION AND INSPECTION OF A BSS TREE INSPECTOR.

CONTRACTOR SHALL CONTACT THE URBAN FORESTRY DIVISION AT (213) 847-3088 FIVE (5) WORKING DAYS PRIOR TO SIDEWALK CONSTRUCTION TO ALLOW FOR TREE SITE MARKING.

THE BSS SHALL APPROVE AND MARK ALL NEW STREET TREE LOCATIONS PRIOR TO PLANTING. THE CONTRACTOR SHALL CALL BSS-URBAN FORESTRY DIVISION AT TELEPHONE 213.847.3077 FIVE (5) WORKING DAYS BEFORE ANY PLANTINGS FOR MARKING OF THE TREE LOCATIONS.

CONTINUED FROM BELOW LEFT

THE BSS-URBAN FORESTRY DIVISION SHALL INSPECT, APPROVE AND TAG ALL NEW STREET TREES PRIOR TO SITE DELIVERY. THE CONTRACTOR SHALL CONTACT BSS AT TELEPHONE 213.847.3077 AT LEAST FIVE (5) WORKING DAYS PRIOR TO TREE DELIVERY TO COORDINATE A NURSERY VISIT. THE NURSERY SHALL BE LOCATED WITHIN A FIFTY (50) MILES RADIUS FROM THE STREET TREE INSPECTOR'S DISTRICT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMIT REQUIREMENTS AND FEES.

THE CONTRACTOR SHALL NOTIFY THE BSS-LANDSCAPE MAINTENANCE AT TELEPHONE 213.847.3077 TO ATTEND BOTH THE POST-CONSTRUCTION, PRE-PLANT ESTABLISHMENT PERIOD AND THE POST-PLANT ESTABLISHMENT PERIOD FINAL INSPECTIONS SO THAT ALL MANUALS, AS-BUILTS, KEYS, ETC. CAN BE TURNED OVER TO THE BSS.

TREE WELLS PER STANDARD PLAN S-450-3 TYPE 1 SHALL BE PROVIDED FOR TREES PLANTED WITHIN THE SIDEWALK AREA. WHEN EXISTING CURB TO BACK OF WALK IS LESS THAN EIGHT FEET, STANDARD PLAN S-450-3 TYPE 3 SHALL BE PROVIDED.

WITH THE APPROVAL OF THE CITY'S URBAN FORESTRY DIVISION, THE TREE WELL COVER SHALL BE TWO (2) INCHES DECOMPOSED GRANITE (DG) PROVIDED PER STANDARD PLAN S-450-3 SECTION AA IN LIEU OF PERMEABLE CONCRETE TREE WELL COVERS.

PLANT 36-INCH BOX SIZE TREES OF A SPECIES, QUANTITY, AND LOCATION AS DIRECTED BY THE URBAN FORESTRY DIVISION PER STANDARD S-456-2. TREES SHALL BE STAKED PER STANDARD PLAN 663-1.

CONTRACTOR IS TO TRIM THE TREE(S) TO THE SATISFACTION OF THE URBAN FORESTRY DIVISION USING ANSI A300 STANDARDS AND/OR ISA PRUNING GUIDELINES. (PERMIT IS REQUIRED).

TREE REMOVAL: PRIOR TO ANY STREET TREE REMOVAL, A TREE REMOVAL PERMIT APPLICATION SHALL BE SUBMITTED TO THE URBAN FORESTRY DIVISION. STREET TREE REMOVAL PERMITS REQUIRE APPROVAL BY THE BOARD OF PUBLIC WORKS. BOARD APPROVAL MAY TAKE FROM 30-90 DAYS DEPENDING UPON PROJECT COMPLEXITY. IF APPROVED, THE TREE REMOVAL PERMIT OR COPY SHALL BE AT THE JOB SITE WHILE TREE WORK IS BEING PERFORMED. CONTACT BSS/URBAN FORESTRY DIVISION (213) 847-3077 TO REQUEST/COORDINATE TREE REMOVAL.

STREET TREE REMOVAL, FOR ANY REASON INCLUDING BUT NOT LIMITED TO STREET WIDENING, DRIVEWAY INSTALLATION, SIDEWALK RECONSTRUCTION, ETC., REQUIRES A TREE REMOVAL PERMIT APPROVED BY THE BOARD OF PUBLIC WORKS. STREET TREE REMOVAL WITHOUT A REMOVAL PERMIT IS A MISDEMEANOR. FAILURE TO DISCLOSE THE EXISTENCE OF A STREET TREE MAY RESULT IN ADDITIONAL COSTS AND DELAY.

TREE PRESERVATION: URBAN FORESTRY DIVISION MAY DETERMINE STREET TREES DO NOT REQUIRE REMOVAL FOR COMPLETION OF PROJECT PLANS. THE DIVISION MAY REQUIRE SUBJECT STREET TREES BE PRESERVED IN PLACE. ROOT PRUNING AND CROWN PRUNING MAY ALSO BE REQUIRED.

IF THE DIVISION REQUIRES TREE PRESERVATION AND ROOT PRUNING, A ROOT PRUNE PERMIT SHALL BE PROVIDED TO PERMITTEE.

ROOT PRUNING: TREE PRUNING SHALL BE IN COMPLIANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A 300 GUIDELINES. THE ROOT OR CROWN PRUNE PERMIT OR COPY SHALL BE AT THE JOB SITE WHILE TREE WORK IS BEING PERFORMED. ROOT OR CROWN PRUNING WITHOUT A PERMIT IS A MISDEMEANOR.

TREE(S) MUST BE TRIMMED PRIOR TO ROOT PRUNING TO COMPENSATE FOR THE ROOT LOSS AND TO STABILIZE THE TREE. THE CROWN OF THE TREE IS TO BE REDUCED BY NO MORE THAN 25% OF FOLIAGE (UNLESS APPROVED OTHERWISE BY A CITY OF LOS ANGELES URBAN FORESTRY ARBORIST). PRUNE THE ROOTS ON ONE SIDE OF THE ROOT SYSTEM ONLY (UNLESS APPROVED OTHERWISE BY AN URBAN FORESTRY ARBORIST). DO NOT PRUNE ROOTS LARGER THAN 4 DIAMETER (PERMIT IS RE UIRED).

CONTRACTOR IS TO TRIM THE TREE(S) TO THE SATISFACTION OF THE URBAN FORESTRY DIVISION USING ANSI A300 STANDARDS AND/OR ISA PRUNING GUIDELINES (PERMIT IS REQUIRED). NOTIFY THE URBAN FORESTRY DIVISION AT (213) 485-5675, FIVE WORKING DAYS PRIOR TO TRIMMING AND /OR ROOT PRUNING FOR A REPRESENTATIVE TO INSPECT AND ISSUE THE NECESSARY PERMITS.

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET

ENGINEERING

PROFESSIONAL ENGINEER XX K T L A S T I T U T E No. C76699

VERTICAL CONTROL: ENM 15-10270-NMVD-1888 ADJ/2000 E+ 04-024

HORIZONTAL CONTROL: FB-41174 PG 18-21

SHEET TITLE: NOTICE TO CONTRACTORS 2

PROJECT: SLAUSON AVE STREET IMPROVEMENT FROM WESTERN AVE TO 5TH AVE

ADDRESS: SLAUSON AVE FROM WESTERN AVE TO 5TH AVE

DEPARTMENT OF PUBLIC WORKS

CITY ENGINEER

DESIGN GROUP

DATE: 1/19/2024

ENGINEER: KITTY SU, P.E.

DESIGNED BY: KITTY SU, P.E.

DRAWN BY: KITTY SU, P.E.

CHECKED BY: MATT MASUDA, P.E.

APPROVED BY: ARSEN VOSKRECHYAN, P.E.

WORK ORDER NO. E1908119

SHEET NAME CG004

SHEET 4 OF 31 SHEETS

THE CITY OF LOS ANGELES

BUREAU OF ENGINEERING

INDEX NO. P-39400

CIP NO. M852

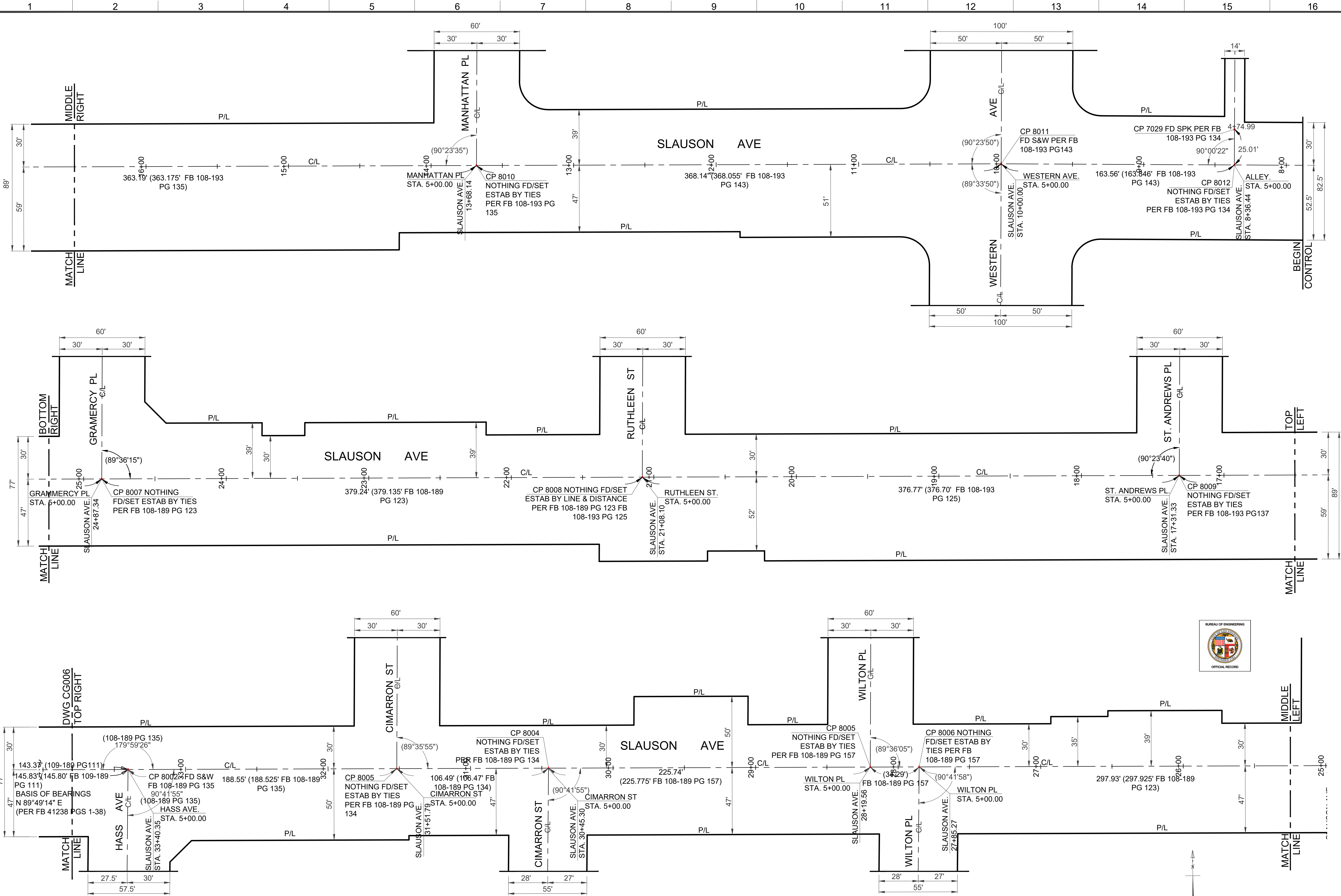
OFFICIAL RECORD

C:\USERS\28862\B\BOX\SID\GIC\IPACTIVE PROJECTS\SLAUSON AVE IMPROVEMENT FROM CRENSHAW TO VERMONT - E1908118\D-DESIGN\2-PLAN\CIVIL GENERAL SHEETS\SLAUSON COVER SHEET.DWG 1/19/2024 10:58 AM

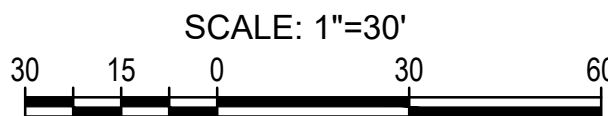
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REVISION DATES
(DESIGN STAGE ONLY)

Sheet Version 4.0



CONTROL PLANS



CITY OF LOS ANGELES

TED ALLEN, P.E.

CITY ENGINEER	DESIGN GROUP	DATE:
	MATTHEW MASUDA, P.E.	1/06/23
ENGINEER	DANIEL DOUBLEIN	1/06/23
DESIGNED BY:	DANIEL DOUBLEIN	1/06/23
DRAWN BY:	MATTHEW MASUDA, P.E.	1/06/23
CHECKED BY:	ARSEN VOSKRECHYAN, P.E.	1/06/23
APPROVED BY:		

WORK ORDER NO.
E1908119

SHEET NAME
CG005

SHEET 5 OF SHEETS

DEPARTMENT OF PUBLIC WORKS

V./NO.	REVISIONS:	DATE:	BY:

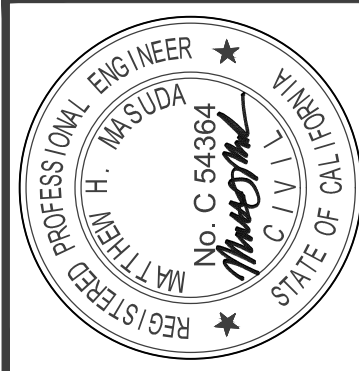
INDEX NO.
P-39400

CIP NO.
M852

BUREAU OF ENGINEERING

SHEET TITLE:
SURVEY CONTROL PLAN
PROJECT:
SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE
ADDRESS:
WESTERN AVE. TO HASS AVE.


THIS PLAN WAS ELECTRONICALLY SIGNED AND SEALED



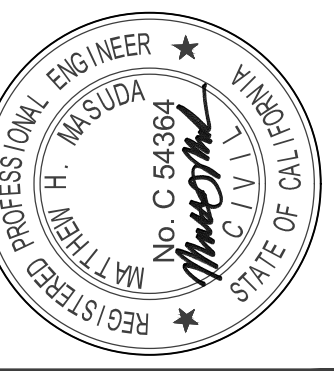
ENGINEERING
CITY OF LOS ANGELES



SCALE: 1"=30'



A horizontal graphic scale bar with tick marks. The segments are labeled from left to right: 30, 15, 0, 30, and 60. The bar is divided into five equal segments, each representing 15 feet. The total length of the bar is 60 feet.



VAN NESS AVE TO 7TH AVE

P-39400

INDEX NO.

TED ALLEN, P.E.		DESIGN GROUP	CITY ENGINEER
ENGINEER:	MATTHEW MASUDA, P.E.		DATE: 1/06/23
DESIGNED BY:	DANIEL DOUBLESIN		1/06/23
DRAWN BY:	DANIEL DOUBLESIN		1/06/23
CHECKED BY:	MATTHEW MASUDA, P.E.		1/06/23
APPROVED BY:	ARSEN VOSKREGHYAN, P.E.		1/06/23

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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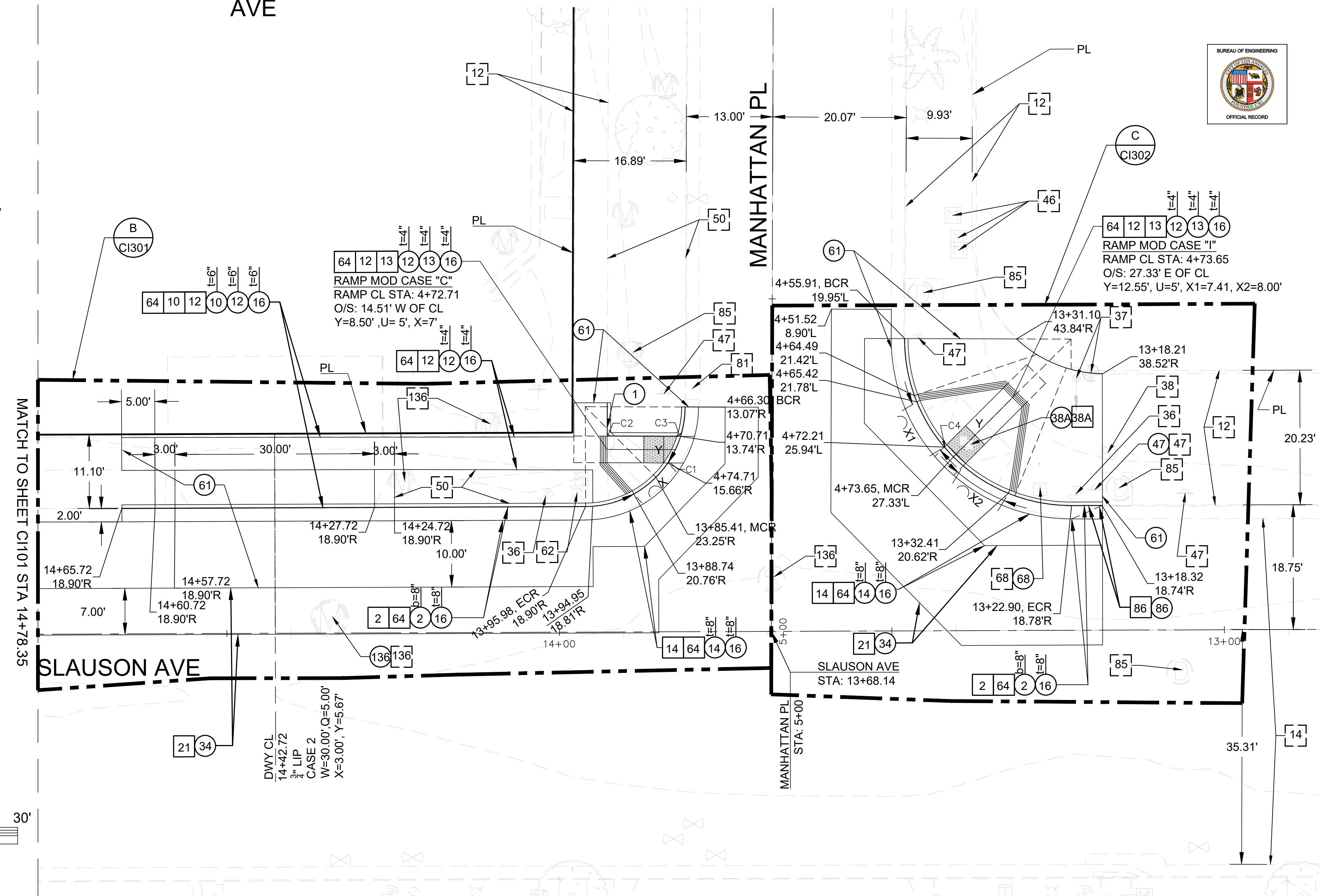
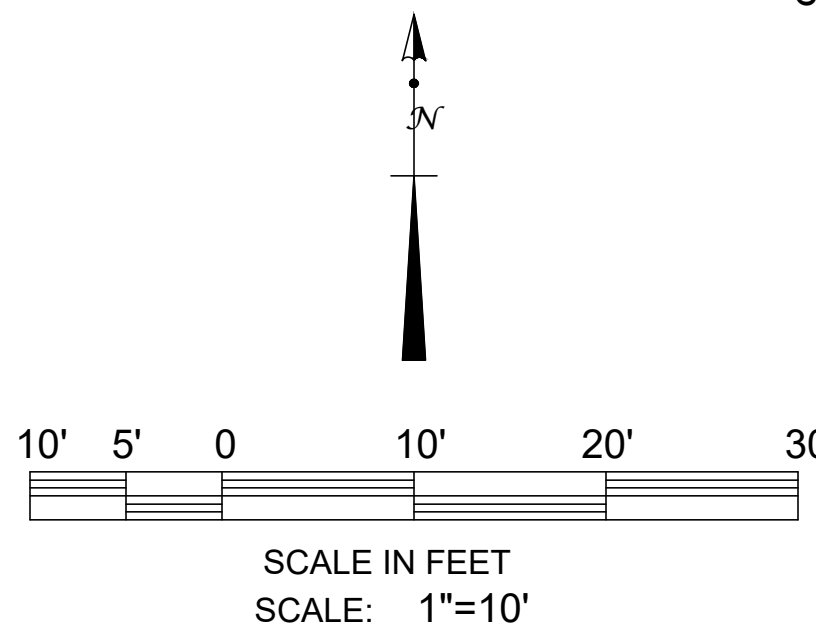
Curve Table				
Curve #	Length	Radius	Delta	Tangent
C1	23.46	15.00	$\Delta=89^{\circ}36'$	14.90
C2	0.78	0.50	$\Delta=89^{\circ}57'$	0.50
C3	1.32	1.00	$\Delta=75^{\circ}54'$	0.78
C4	39.44	25.00	$\Delta=90^{\circ}23'$	25.17
C5	31.55	20.00	$\Delta=90^{\circ}23'$	20.14

AVE

 — CONSTRUCT
  — EXISTING
  — REMODEL EXISTING
 — EXISTING
  — REMOVE
  — REMOVE & CONSTRUCT
 — WORK BY OTHERS

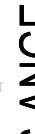

CONSTRUCTION ITEMS		
ITEM NO.	DESCRIPTION	STANDARD PLAN NO.
1	CONCRETE CURB	S-410-2
2	TYPE "C" INTEGRAL CURB & GUTTER, a, b=SHOWN ON PLAN	S-410-2
8	CONCRETE PAVEMENT, t=SHOWN ON PLAN	
10	CONCRETE DRIVEWAY	S-440-4
12	CONCRETE WALK, t=4"	S-444-0
13	CURB RAMP	S-442-6
14	ASPHALT CONCRETE PAVEMENT	
16	CRUSHED MISCELLANEOUS BASE (CMB), t=SHOWN ON PLAN	
21	COLDPLANE (MILL) AC PAVEMENT	
23	GRADE ONLY	
34	VARIABLE THICKNESS ASPHALT CONCRETE PAVEMENT, t=2" MIN.	
36	POWER POLE (PROTECT IN PLACE)	
37	POLE ANCHOR (PROTECT IN PLACE)	
38	ADJUST STREET LIGHTING PULL BOX	
38A	RELOCATION OF STREET LIGHTING PULL BOX	
41	FIRE HYDRANT	
46	ADJUST WATER METER	
47	ADJUST TO GRADE STREET SIGN	
47A	RELOCATION OF STREET SIGN	
49	WATER VALVE	
50	PARKWAY (PROTECT IN PLACE)	
52	GAS VALVE	
53	TOPSOIL	
61	SAWCUT	
62	STREET LIGHT POLE	
64	UNCLASSIFIED EXCAVATION	
68	ADJUST TO GRADE TELECOM PULL BOX	
81	CURBSIDE GRATING BASIN	S-354-0
85	STORM DRAIN MANHOLE	
86	WARPED GUTTER AT CATCH BASIN	S-311-0
87	CATCH BASIN	
136	SEWER MAINTENANCE HOLE	

STREET PLAN
SCALE: 1"=10'



DEPARTMENT OF PUBLIC WORKS

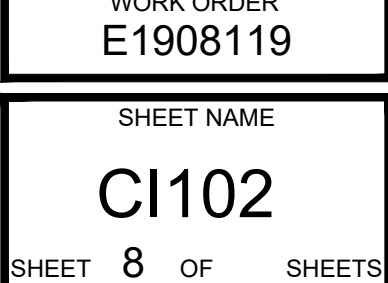
CITY OF
SHEET NAME
CI101
SHEET **7** OF SHEETS


































BUREAU OF ENGINEERING	
VERTICAL CONTROL: 8814 11070 NAVD 1983/2011 E 134.294	
HORIZONTAL CONTROL: 8814 11714 PG 162.1	
SHEET TITLE:	
STREET PLAN - MANHATTAN PL	
PROJECT:	SLAUSON AVE STREET IMPROVEMENT
ADDRESS:	FROM WESTERN TO 5TH AVE
	SLAUSON AVE & MANHATTAN PL
	LOS ANGELES, CA 90047



SYMBOL AND ABBREVIATIONS LEGEND		
MAINTENANCE HOLE	AC	ASPHALT CONCRETE
UNDER MAINTENANCE HOLE	AVE	AVENUE
CURB DRAIN MAINTENANCE HOLE	BCR	BEGINNING OF CURB RETURN
UNDER MAINTENANCE HOLE	BLVD	BOULEVARD
TELEPHONE MAINTENANCE HOLE	C&G	CURB AND GUTTER
UNDER LAMP HOLE	CH	CURB HEIGHT
TRAFFIC SIGNAL PULLBOX	CL	CENTER LINE
FEET LIGHT PULLBOX	CMB	CRUSHED MISC. BASE MATERIAL
UNDER METER	ECR	END OF CURB RETURN
VALVE	FL	FLOW LINE
UNDER VALVE	FS	FINISHED SURFACE
FACE DRAIN	GB	GRADE BREAK
STANDARD	GO	GUTTER OUT
TRAFFIC STANDARD	JN	JOIN EXISTING
RIGHT & TRAFFIC STANDARD	LT	LEFT ALIGNMENT OFFSET
	NTS	NOT TO SCALE
	OFF	OFFSET
	P/L	PROPERTY LINE
HYDRANT	R	RADIUS
UNDER POLE	RT	RIGHT ALIGNMENT OFFSET
GUY WIRE	R/W	RIGHT OF WAY
	STA	STATION
	ST	STREET
TREE	t	THICKNESS
	TC	TOP OF CURB
	TYP	TYPICAL
PALM	VAR	VARIES
TREE	W	WIDTH
	WIF	WROUGHT IRON FENCE
CONCRETE	⌒	ARC LENGTH
	Δ	DELTA
BOBBLESTONE	#	NUMBER

































STANDARD SYMBOLS		
<div> <div> <h3>SANITATION</h3> <ul style="list-style-type: none">  MANHOLE  SEWER MANHOLE  SEWER CLEANOUT </div> <div> <h3>STORM WATER</h3> <ul style="list-style-type: none">  DRAIN MANHOLE  SURFACE DRAIN </div> <div> <h3>POWER</h3> <ul style="list-style-type: none">  POWER MH  POWER POLE  GUY WIRE  ELEC. VENT  ELECTRIC PULLBOX </div> <div> <h3>WATER</h3> <ul style="list-style-type: none">  WATER VALVE  WATER METER  FIRE HYDRANT  IRRIGATION PULLBOX </div> </div> <div> <div> <h3>TRAFFIC CONTROL</h3> <ul style="list-style-type: none">  LIGHT STANDARD  TRAFFIC STANDARD  LIGHT & TRAFFIC STANDARD  TRAFFIC SIGNAL PULLBOX </div> <div> <h3>GAS</h3> <ul style="list-style-type: none">  GAS VALVE </div> <div> <h3>COMMUNICATIONS</h3> <ul style="list-style-type: none">  TELEPHONE MH </div> <div> <h3>MISCELLANEOUS</h3> <ul style="list-style-type: none">  PUBLIC PHONE  SIGN  GUARD POST  NEWS STAND  PULLBOX  PARKING METER  HANDICAP ACCESS  MAIL BOX </div> </div> <div> <h3>ABBREVIATIONS</h3> <ul style="list-style-type: none"> BC- BACK OF CURB BOW - BACK OF WALK CB - CATCH BASIN CD - CURB DRAIN CMU - CONC MASONRY UNIT FL - FLOW LINE LD - LOCAL DEPRESSION PVT - PRIVATE TC - TOP OF CURB TP - TRANSITION PANEL GB - GRADE BREAK </div> <div> <h3>LANDSCAPE</h3> <div>  <p>TREE</p>  <p>PALM TREE</p> </div> </div>		





C:\USERS\69531\BOX\SID\SIG\ICPI\ACTIVE PROJECTS\SLAUSON AVE IMPROVEMENT FROM CRENSHAW TO VERMONT - E1908118\D-DESIGN\2-2 PLAN\SLAUSON AND WILTON PL\SLAUSON AT WILTON PL_FINAL.DWG 3/15/2024 1:28 PM

STANDARD SYMBOLS		
<p><u>SANITATION</u></p> <p> MANHOLE</p> <p> SEWER MANHOLE</p> <p> SEWER CLEANOUT</p> <p><u>STORM WATER</u></p> <p> DRAIN MANHOLE</p> <p> SURFACE DRAIN</p> <p><u>POWER</u></p> <p> POWER MH</p> <p> POWER POLE</p> <p> GUY WIRE</p> <p> ELEC. VENT</p> <p> ELECTRIC PULLBOX</p> <p><u>WATER</u></p> <p> WATER VALVE</p> <p> WATER METER</p> <p> FIRE HYDRANT</p> <p> IRRIGATION PULLBOX</p>	<p><u>TRAFFIC CONTROL</u></p> <p> LIGHT STANDARD</p> <p> TRAFFIC STANDARD</p> <p> LIGHT & TRAFFIC STANDARD</p> <p> TRAFFIC SIGNAL PULLBOX</p> <p><u>GAS</u></p> <p> GAS VALVE</p> <p><u>COMMUNICATIONS</u></p> <p> TELEPHONE MH</p> <p><u>MISCELLANEOUS</u></p> <p> PUBLIC PHONE</p> <p> SIGN</p> <p> GUARD POST</p> <p> NEWS STAND</p> <p> PULLBOX</p> <p> PARKING METER</p> <p> HANDICAP ACCESS</p> <p> MAIL BOX</p>	<p><u>ABBREVIATIONS</u></p> <p>BC - BACK OF CURB</p> <p>BOW - BACK OF WALK</p> <p>CD - CURB DRAIN</p> <p>CMU - CONC MASONRY UNIT</p> <p>FL - FLOW LINE</p> <p>LD - LOCAL</p> <p>DEPRESSION</p> <p>PVT - PRIVATE</p> <p>TC - TOP OF CURB</p> <p>GB - GRADE BREAK</p> <p><u>LANDSCAPE</u></p> <p> TREE</p> <p> PALM TREE</p>



THIS PLAN WAS ELECTRONICALLY
SIGNED AND STAMPED

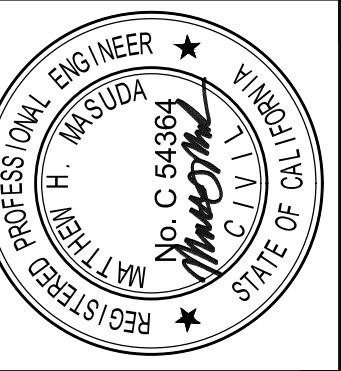
BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

WORK ORDER NO.
E1908119

CITY OF
SHEET NAME
CI104
SHEET 10 OF 5

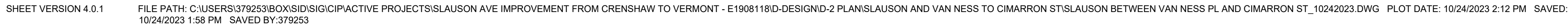


SHEET TITLE: STREET PLAN AND DETAIL - WEST OF GRAMERCY PL
PROJECT: SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE
ADDRESS: SLAUSON AVENUE FROM GRAMERCY AVE TO WILTON PLACE

CIP NO.
1852

P-39400

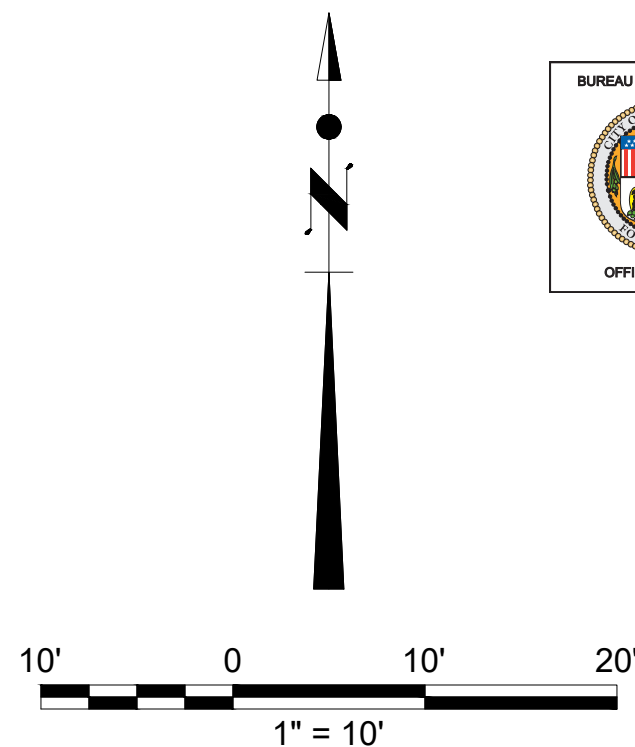
INDEX NO.









NOTES :

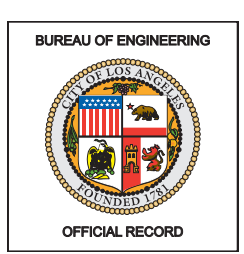
1. REFER TO SHEET CI306 FOR CATCH BASIN REMODELING DETAIL AND CONSTRUCTION NOTES.
2. REINFORCED CONCRETE PIPE (RCP) IS TO BE PROTECTED IN PLACE.

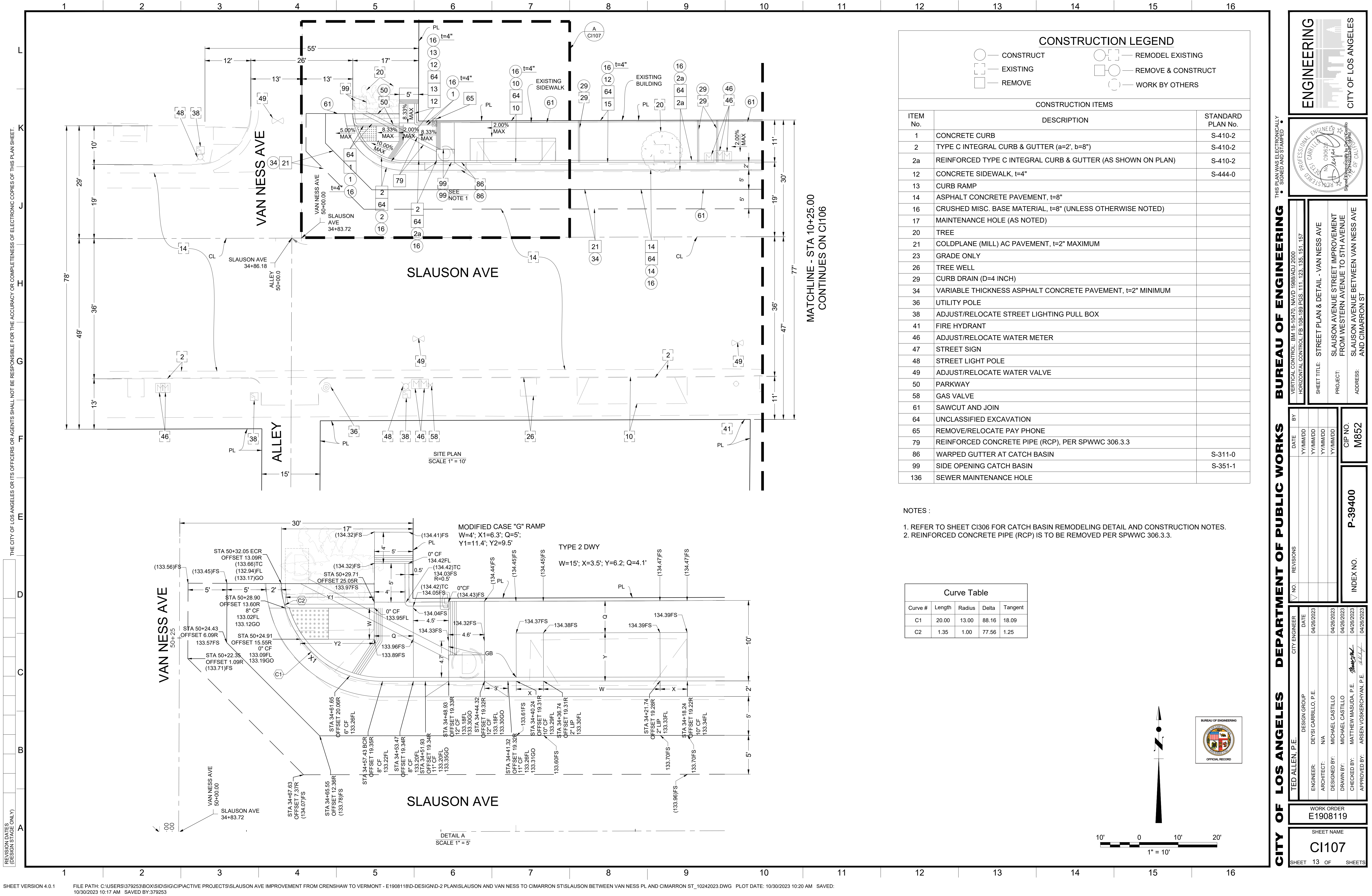
Curve Table				
Curve #	Length	Radius	Delta	Tangent
C3	18.77	12.00	89.60	16.91

[illegible]

CONSTRUCTION LEGEND

	— CONSTRUCT		— REMODEL EXISTING
	— EXISTING		— REMOVE & CONSTRUCT
	— REMOVE		— WORK BY OTHERS





REVISION DATES (DESIGN STAGE ONLY)

NO.	DATE	REVISIONS
1	10/30/2023	10:17 AM
2	10/30/2023	10:17 AM
3	10/30/2023	10:17 AM
4	10/30/2023	10:17 AM
5	10/30/2023	10:17 AM
6	10/30/2023	10:17 AM
7	10/30/2023	10:17 AM
8	10/30/2023	10:17 AM
9	10/30/2023	10:17 AM
10	10/30/2023	10:17 AM
11	10/30/2023	10:17 AM
12	10/30/2023	10:17 AM
13	10/30/2023	10:17 AM
14	10/30/2023	10:17 AM
15	10/30/2023	10:17 AM
16	10/30/2023	10:17 AM

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

CONSTRUCT

EXISTING

REMOVE

REMODEL EXISTING

REMOVE & CONSTRUCT

WORK BY OTHERS

CONSTRUCTION ITEMS

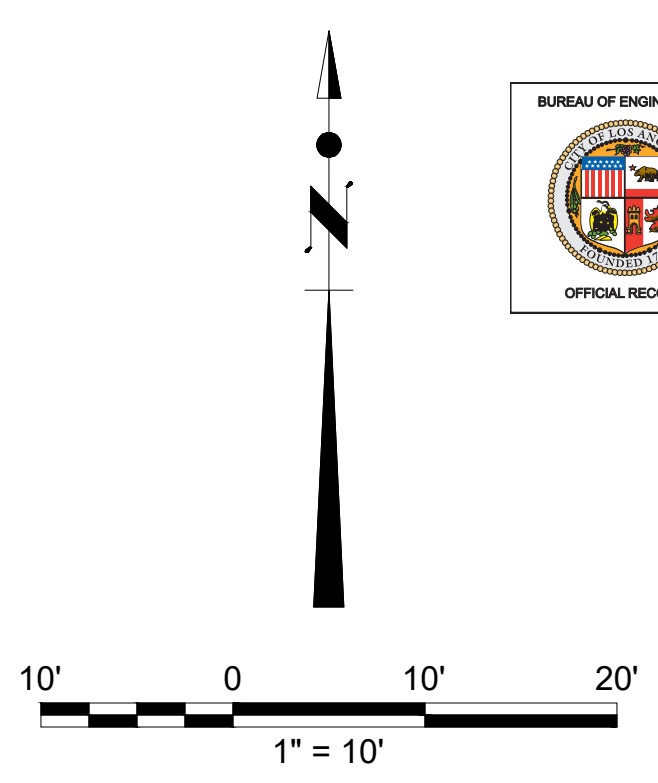
ITEM No.	DESCRIPTION	STANDARD PLAN No.
1	CONCRETE CURB	S-410-2
2	TYPE C INTEGRAL CURB & GUTTER (a=2', b=8")	S-410-2
2a	REINFORCED TYPE C INTEGRAL CURB & GUTTER (AS SHOWN ON PLAN)	S-410-2
12	CONCRETE SIDEWALK, t=4"	S-444-0
13	CURB RAMP	
14	ASPHALT CONCRETE PAVEMENT, t=8"	
16	CRUSHED MISC. BASE MATERIAL, t=8" (UNLESS OTHERWISE NOTED)	
17	MAINTENANCE HOLE (AS NOTED)	
20	TREE	
21	COLDPLANE (MILL) AC PAVEMENT, t=2" MAXIMUM	
23	GRADE ONLY	
26	TREE WELL	
29	CURB DRAIN (D=4 INCH)	
34	VARIABLE THICKNESS ASPHALT CONCRETE PAVEMENT, t=2" MINIMUM	
36	UTILITY POLE	
38	ADJUST/RELOCATE STREET LIGHTING PULL BOX	
41	FIRE HYDRANT	
46	ADJUST/RELOCATE WATER METER	
47	STREET SIGN	
48	STREET LIGHT POLE	
49	ADJUST/RELOCATE WATER VALVE	
50	PARKWAY	
58	GAS VALVE	
61	SAWCUT AND JOIN	
64	UNCLASSIFIED EXCAVATION	
65	REMOVE/RELOCATE PAY PHONE	
79	REINFORCED CONCRETE PIPE (RCP), PER SPWWC 306.3.3	
86	WARPED GUTTER AT CATCH BASIN	S-311-0
99	SIDE OPENING CATCH BASIN	S-351-1
136	SEWER MAINTENANCE HOLE	

NOTES :

1. REFER TO SHEET C1306 FOR CATCH BASIN REMODELING DETAIL AND CONSTRUCTION NOTES.

2. REINFORCED CONCRETE PIPE (RCP) IS TO BE REMOVED PER SPWWC 306.3.3.

Curve Table				
Curve #	Length	Radius	Delta	Tangent
C1	20.00	13.00	88.16	18.09
C2	1.35	1.00	77.56	1.25



ENGINEERING

CITY OF LOS ANGELES

PROFESSIONAL ENGINEER

CARRILLO, P.E.

NO. C90620

State of California

PROJECT:

SLAUSON AVENUE STREET IMPROVEMENT

ADDRESS:

SLAUSON AVENUE BETWEEN VAN NESS AVE AND CIMARRON ST

VERTICAL CONTROL: BM 18-10470, NAVD 1988/ADJ 2000

HORIZONTAL CONTROL: FB 108-188 PGS. 111, 123, 135, 151, 157

SHEET TITLE:

STREET PLAN & DETAIL - VAN NESS AVE

CIP NO.

M852

CITY ENGINEER

TED ALLEN, P.E.

DESIGN GROUP

DEYSI CARRILLO, P.E.

ARCHITECT:

N/A

DESIGNED BY:

MICHAEL CASTILLO

DRAWN BY:

MICHAEL CASTILLO

CHECKED BY:

MATTHEW MASUDA, P.E.

APPROVED BY:

ARSEN VOSKERCHYAN, P.E.

WORK ORDER

E1908119

SHEET NAME

C1107

SHEET 13 OF

SHEETS

CITY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

BUREAU OF ENGINEERING












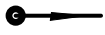












THIS PLAN WAS ELECTRONICALLY SIGNED AND STAMPED

FILE PATH: C:\USERS\379253\BOX\SID\IS\GIC\PI\ACTIVE PROJECTS\SLAUSON AVE IMPROVEMENT FROM CRENSHAW TO VERMONT - E1908118\ID-DESIGN\ID-2\PLAN\SLAUSON AND VAN NESS TO CIMARRON ST\SLAUSON BETWEEN VAN NESS PL AND CIMARRON ST_10242023.DWG

10/30/2023 10:17 AM

SAVED BY: 379253



STANDARD SYMBOLS	
<p><u>SANITATION</u></p> <p> MANHOLE</p> <p> SEWER MANHOLE</p> <p> SEWER CLEANOUT</p>	<p><u>TRAFFIC CONTROL</u></p> <p> LIGHT STANDARD</p> <p> TRAFFIC STANDARD</p> <p> LIGHT & TRAFFIC STANDARD</p> <p> TRAFFIC SIGNAL PULLBOX</p>
<p><u>STORM WATER</u></p> <p> DRAIN MANHOLE</p>	<p><u>GAS</u></p> <p> GAS VALVE</p>
<p><u>POWER</u></p> <p> POWER MH</p> <p> POWER POLE</p> <p> GUY WIRE</p> <p> ELECTRIC PULLBOX</p>	<p><u>COMMUNICATIONS</u></p> <p> TELEPHONE MH</p>
<p><u>WATER</u></p> <p> WATER VALVE</p> <p> WATER METER</p> <p> FIRE HYDRANT</p>	<p><u>MISCELLANEOUS</u></p> <p> PUBLIC PHONE</p> <p> SIGN</p> <p> PULLBOX</p> <p> PARKING METER</p> <p> MONITORING WELL</p>
<p><u>ABBREVIATIONS</u></p> <p>CD CURB DRAIN</p> <p>FL FLOW LINE</p> <p>TC TOP OF CURB</p> <p>GB GRADE BREAK</p>	
<p></p> <p>TREE-SIZE IN INCHES</p> <p></p> <p>PALM TREE-SIZE IN INCHES</p>	




























BUREAU OF ENGINEERING

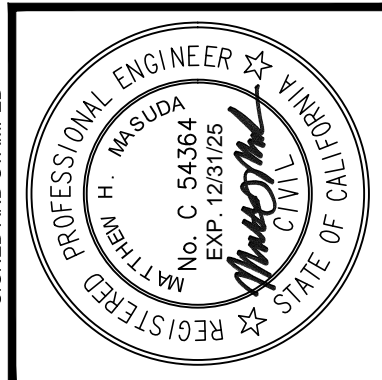
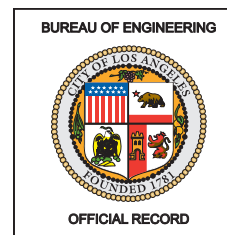
CITY OF LOS ANGELES
FOUNDED 1781

OFFICIAL RECORD

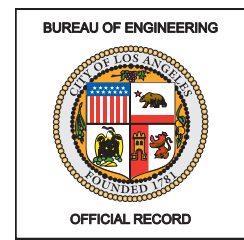
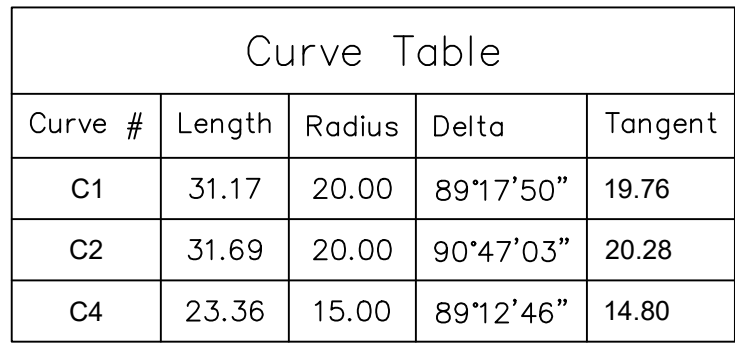




STANDARD SYMBOLS		
<p><u>SANITATION</u></p> <p> MANHOLE</p> <p> SEWER MANHOLE</p> <p> SEWER CLEANOUT</p> <p><u>STORM WATER</u></p> <p> DRAIN MANHOLE</p> <p><u>POWER</u></p> <p> POWER MH</p> <p> POWER POLE</p> <p> GUY WIRE</p> <p> ELECTRIC PULLBOX</p>	<p><u>TRAFFIC CONTROL</u></p> <p> LIGHT STANDARD</p> <p> TRAFFIC STANDARD</p> <p> LIGHT & TRAFFIC STANDARD</p> <p> TRAFFIC SIGNAL PULLBOX</p> <p> GAS</p> <p> GAS VALVE</p> <p><u>COMMUNICATIONS</u></p> <p> TELEPHONE MH</p> <p><u>ABBREVIATIONS</u></p> <p>CD CURB DRAIN</p> <p>FL FLOW LINE</p> <p>TC TOP OF CURB</p> <p>GB GRADE BREAK</p>	<p><u>MISCELLANEOUS</u></p> <p> PUBLIC PHONE</p> <p> SIGN</p> <p> PULLBOX</p> <p> PARKING METER</p> <p> MONITORING WELL</p> <p> TREE-SIZE IN INCHES</p> <p> PALM TREE-SIZE IN INCHES</p> <p><u>WATER</u></p> <p> WATER VALVE</p> <p> WATER METER</p> <p> FIRE HYDRANT</p>




20	TREE	
38	STREET LIGHTING PULL BOX (ADJUST TO GRADE)	
39	TRAFFIC SIGNAL PULL BOX (ADJUST TO GRADE)	
41	FIRE HYDRANT	
46	WATER METER (ADJUST TO GRADE)	
47	STREET SIGN	
49	WATER VALVE (ADJUST TO GRADE)	
50	PARKWAY	
61	SAWCUT AND JOIN	
62	STREET LIGHT	
64	UNCLASSIFIED EXCAVATION MATERIAL	
74	RETAINING WALL	
81	CURBSIDE GRATING BASIN	S-342-4, S-343-1
86	WARPED GUTTER AT CATCH BASIN (CASE I)	S-311-0
99	SIDE OPENING CATCH BASIN	
107	TRAFFIC LOOPS	
110	REMOVE AND CONSTRUCT CHAIN LINK FENCE TO PROPERTY LINE (MATCH EXISTING)	



SCALE: 1" = 10'

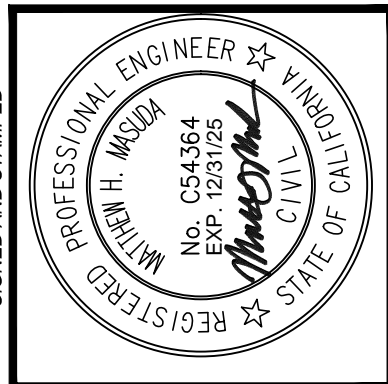
CIVIL PLAN

SCALE: 1" = 10'



ENGINEERING

CITY OF LOS ANGELES



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

VERTICAL CONTROL: BM 18-14730 NAVD 1988 ADJ 2000, BM 18-14635 NAVD 1988 ADJ 2000
HORIZONTAL CONTROL: ED 109 195 DC 125

NO.	REVISIONS:	DATE:
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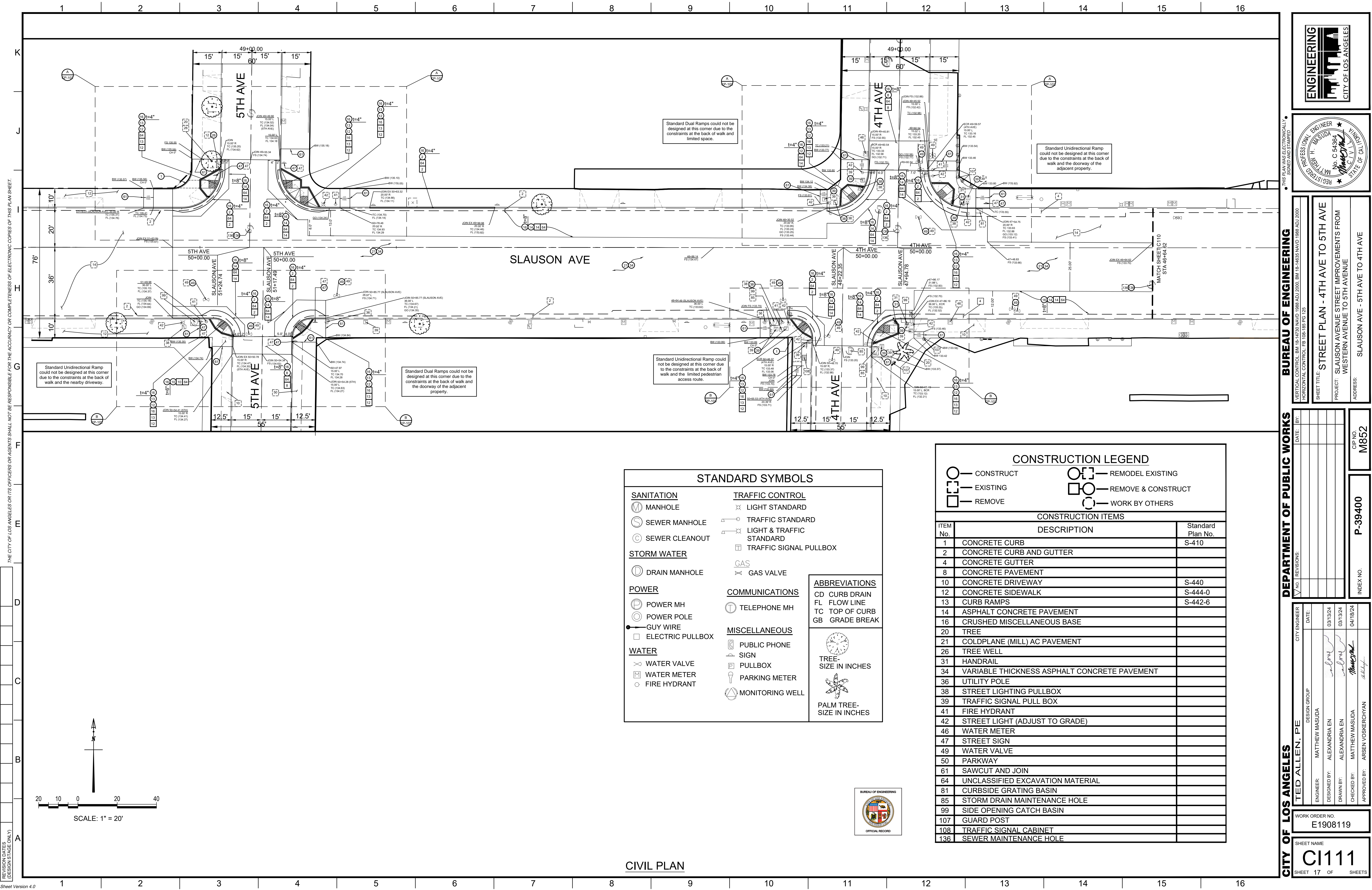
TED ALLEN, P.E.

WORK

SHE

CI110

SHEET 16 OF SHEETS



STANDARD SYMBOLS

SANITATION

MANHOLE

SEWER MANHOLE

SEWER CLEANOUT

STORM WATER

DRAIN MANHOLE

POWER

POWER MH

POWER POLE

GUY WIRE

ELECTRIC PULLBOX

WATER

WATER VALVE

WATER METER

FIRE HYDRANT

TRAFFIC CONTROL

LIGHT STANDARD

TRAFFIC STANDARD

LIGHT & TRAFFIC STANDARD

TRAFFIC SIGNAL PULLBOX

GAS

GAS VALVE

COMMUNICATIONS

TELEPHONE MH

MISCELLANEOUS

PUBLIC PHONE SIGN

PULLBOX

PARKING METER

MONITORING WELL

ABBREVIATIONS

CD CURB DRAIN







FL FLOW LINE

TC TOP OF CURB

GB GRADE BREAK

TREE
SIZE IN INCHES

PALM TREE-
SIZE IN INCHES

CONSTRUCTION LEGEND			
	CONSTRUCT		REMODEL EXISTING
	EXISTING		REMOVE & CONSTRUCT
	REMOVE		WORK BY OTHERS
CONSTRUCTION ITEMS			
ITEM No.	DESCRIPTION	Standard Plan No.	
1	CONCRETE CURB	S-410	
2	CONCRETE CURB AND GUTTER		
4	CONCRETE GUTTER		
8	CONCRETE PAVEMENT		
10	CONCRETE DRIVEWAY	S-440	
12	CONCRETE SIDEWALK	S-444-0	
13	CURB RAMPS	S-442-6	
14	ASPHALT CONCRETE PAVEMENT		
16	CRUSHED MISCELLANEOUS BASE		
20	TREE		
21	COLDPLANE (MILL) AC PAVEMENT		
26	TREE WELL		
31	HANDRAIL		
34	VARIABLE THICKNESS ASPHALT CONCRETE PAVEMENT		
36	UTILITY POLE		
38	STREET LIGHTING PULLBOX		
39	TRAFFIC SIGNAL PULL BOX		
41	FIRE HYDRANT		
42	STREET LIGHT (ADJUST TO GRADE)		
46	WATER METER		
47	STREET SIGN		
49	WATER VALVE		
50	PARKWAY		
61	SAWCUT AND JOIN		
64	UNCLASSIFIED EXCAVATION MATERIAL		
81	CURBSIDE GRATING BASIN		
85	STORM DRAIN MAINTENANCE HOLE		
99	SIDE OPENING CATCH BASIN		
107	GUARD POST		
108	TRAFFIC SIGNAL CABINET		
136	SEWER MAINTENANCE HOLE		

CIVIL PLAN

ENGINEERING

CITY OF LOS ANGELES

REGISTERED PROFESSIONAL ENGINEER

H. MASUDA

No. C 54384

STATE OF CALIFORNIA

BUREAU OF ENGINEERING

VERTICAL CONTROL: BM 15+00.00 NAVD 1988 ADJ 2000, BM 15+00.00 NAVD 1988 ADJ 2000

HORIZONTAL CONTROL: FS 10+15.15 FS 25

DEPARTMENT OF PUBLIC WORKS

CITY ENGINEER: TED ALLEN, PE

DESIGN GROUP: MATTHEW MASUDA

ENGINEER: MATTHEW MASUDA

DESIGNED BY: ALEXANDRIA EN

DRAWN BY: ALEXANDRIA EN

CHECKED BY: MATTHEW MASUDA

APPROVED BY: ARSEN VOSKERCANYAN

STREET PLAN - 4TH AVE TO 5TH AVE

PROJECT: WESTERN AVENUE STREET IMPROVEMENTS FROM WESTERN AVENUE TO 5TH AVENUE

ADDRESS: SLAUSON AVE - 5TH AVE TO 4TH AVE

CIP NO. M852

P-39400

INDEX NO.

CITY OF LOS ANGELES

WORK ORDER NO. E1908119

SHEET NAME: C1111

SHEET 17 OF SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

K
J
I
H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

CONSTRUCT

EXISTING

REMOVE

REMODEL EXISTING

REMOVE & CONSTRUCT

WORK BY OTHERS

CONSTRUCTION ITEMS

ITEM NO.	DESCRIPTION	STANDARD PLAN NO.
1	CONCRETE CURB	S-410
2	TYPE "C" INTEGRAL CURB & GUTTER, a, b=SHOWN ON PLAN	S-410
8	CONCRETE PAVEMENT, t=SHOWN ON PLAN	
10	CONCRETE DRIVEWAY	S-440
11	CONCRETE ALLEY INTERSECTION, TYPE D	S-420
12	CONCRETE WALK, t=4"	S-444
13	CURB RAMP	S-442
14	ASPHALT CONCRETE PAVEMENT	
16	CRUSHED MISCELLANEOUS BASE (CMB), t=SHOWN ON PLAN	
21	COLDPLANE (MILL) AC PAVEMENT	
23	GRADE ONLY	
34	VARIABLE THICKNESS ASPHALT CONCRETE PAVEMENT, t=2" MIN.	
46	ADJUST WATER METER	
47	STREET SIGN	
47A	RELOCATION OF STREET SIGN	
49	WATER VALVE	
58	PLANTER WALL	
61	SAWCUT	
64	UNCLASSIFIED EXCAVATION	
74	RETAINING WALL INCLUDING EXCAVATION, BACKFILL, & FOUNDATION	
76	FENCE	

N

5

2.5

0

5

10

15

SCALE IN FEET
SCALE: 1"=5'

MANHATTAN

SLAUSON

AVE

PL

61

61

16.79'

5.00'

4.00'

2.00'

135.51 FS

135.39 FS

135.69 TC, C&G

135.04 FL

135.18 GO

135.73 TC

135.06 FL

135.73 TC

135.07 FL

30.50'

0" CH

135.08 FL

135.17 GO

0" CH

135.09 FL

135.19 GO

28.03'

9.27' TRANS. PANEL

136.00 FS

2% MAX

8.23% MAX

0" CH

136.15 BW

2" CH

136.10 FS

2" CH

136.14 FS

0" CH

136.33 BW

136.07 FS

136.08 FS

136.01 FS

13.24' TRANS. PANEL

135.74 TC

135.06 FL

135.74 TC

135.05 FL

135.74 TC, ECR

135.01 FL

135.09 GO

135.83 FS

135.92 FS

2.00'

135.74 TC, C&G

134.99 FL

135.22 GO

135.47 FS

15.00'

21.25'

136.14 FS

136.07 FS

DETAIL C
SCALE: 1"=5'

ENGINEERING

CITY OF LOS ANGELES

PROFESSIONAL ENGINEER

KITTY SIU

No. C76699

CIVIL

REGISTERED

STATE OF CALIF.

BUREAU OF ENGINEERING

VERTICAL CONTROL: BM 18-10470 NAVD 1988/ADJ. 2000 E+13.294'

HORIZONTAL CONTROL: FB 41174 PG 16-21

SHEET TITLE: DETAIL VIEWS - EAST OF MANHATTAN PL

PROJECT: SLAUSON AVENUE STREET IMPROVEMENTS FROM WESTERN AVENUE AND 5TH AVENUE

ADDRESS: SLAUSON AVE & MANHATTAN PL
LOS ANGELES, CA 90047

DEPARTMENT OF PUBLIC WORKS

DATE:

BY:

INDEX NO.

P-39400

CIP NO.

M852

CITY OF LOS ANGELES

TED ALLEN, P.E.

CITY ENGINEER

DESIGN GROUP

ENGINEER: KITTY SIU, P.E.

DESIGNED BY: JACKIE TRAN

DRAWN BY: JACKIE TRAN

CHECKED BY: MATTHEW MASUDA, P.E.

APPROVED BY: ARSEN YOSKERCHYAN, P.E.

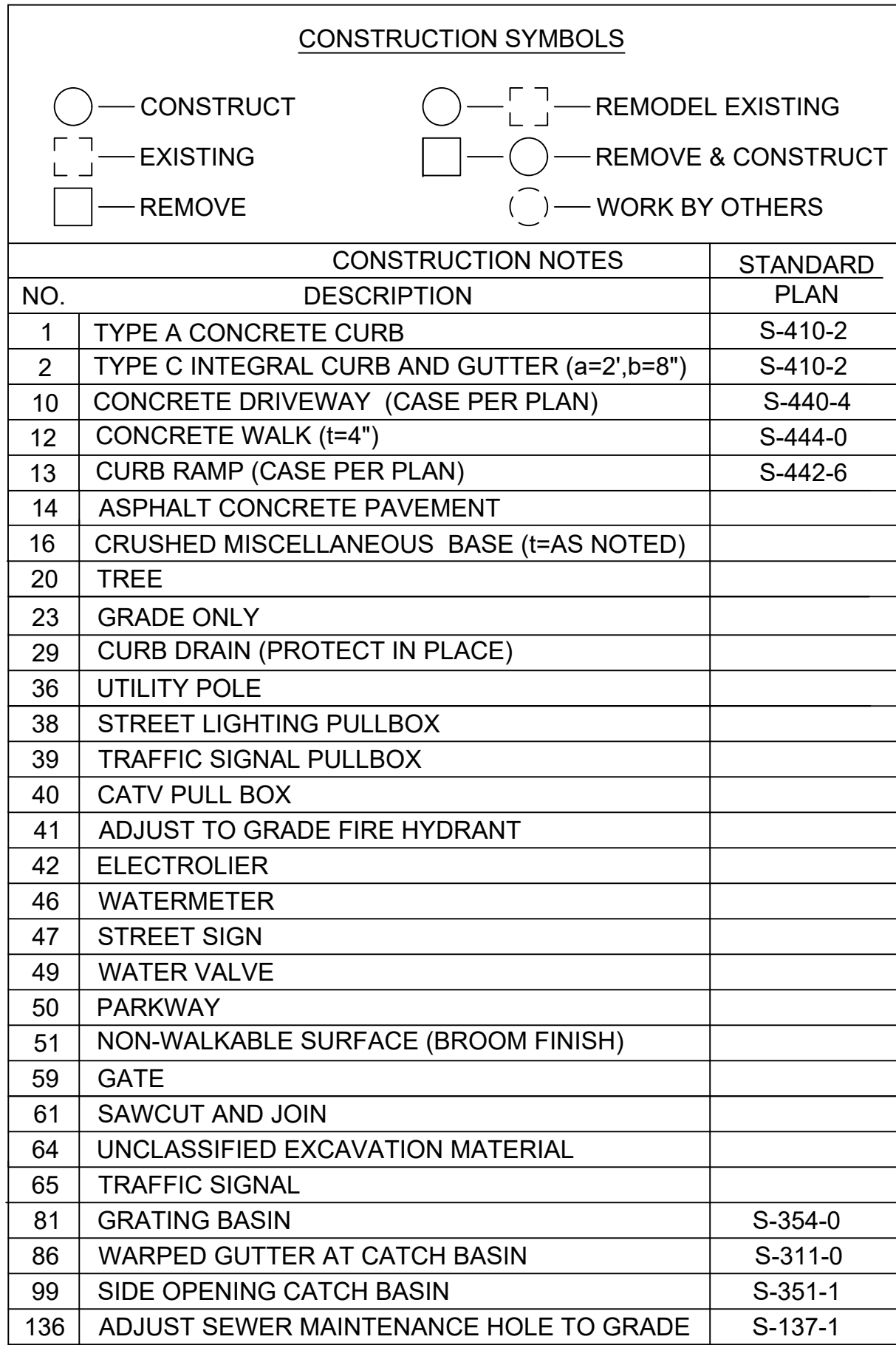
WORK ORDER NO.

E1908119

SHEET NAME

CI302

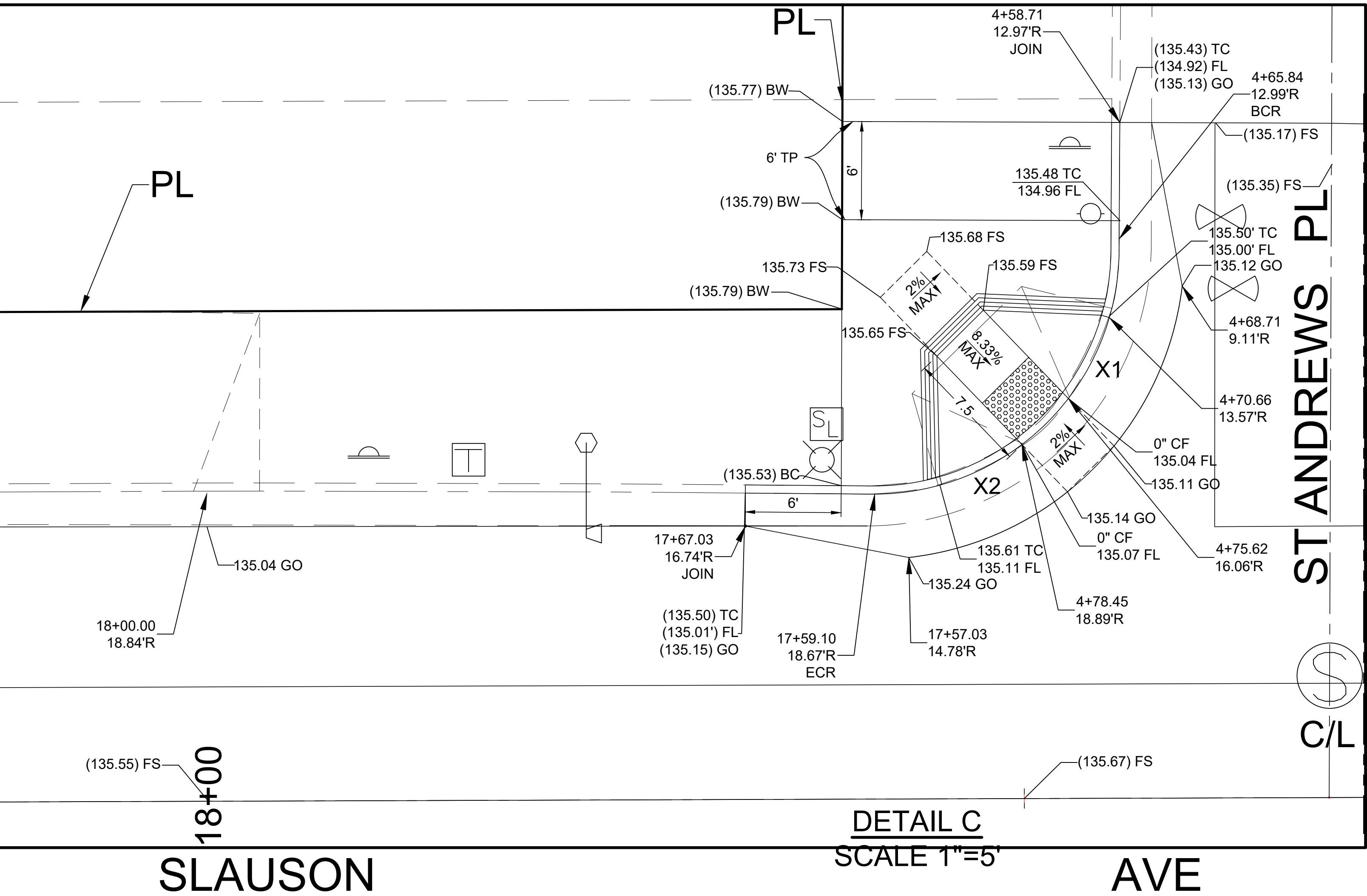
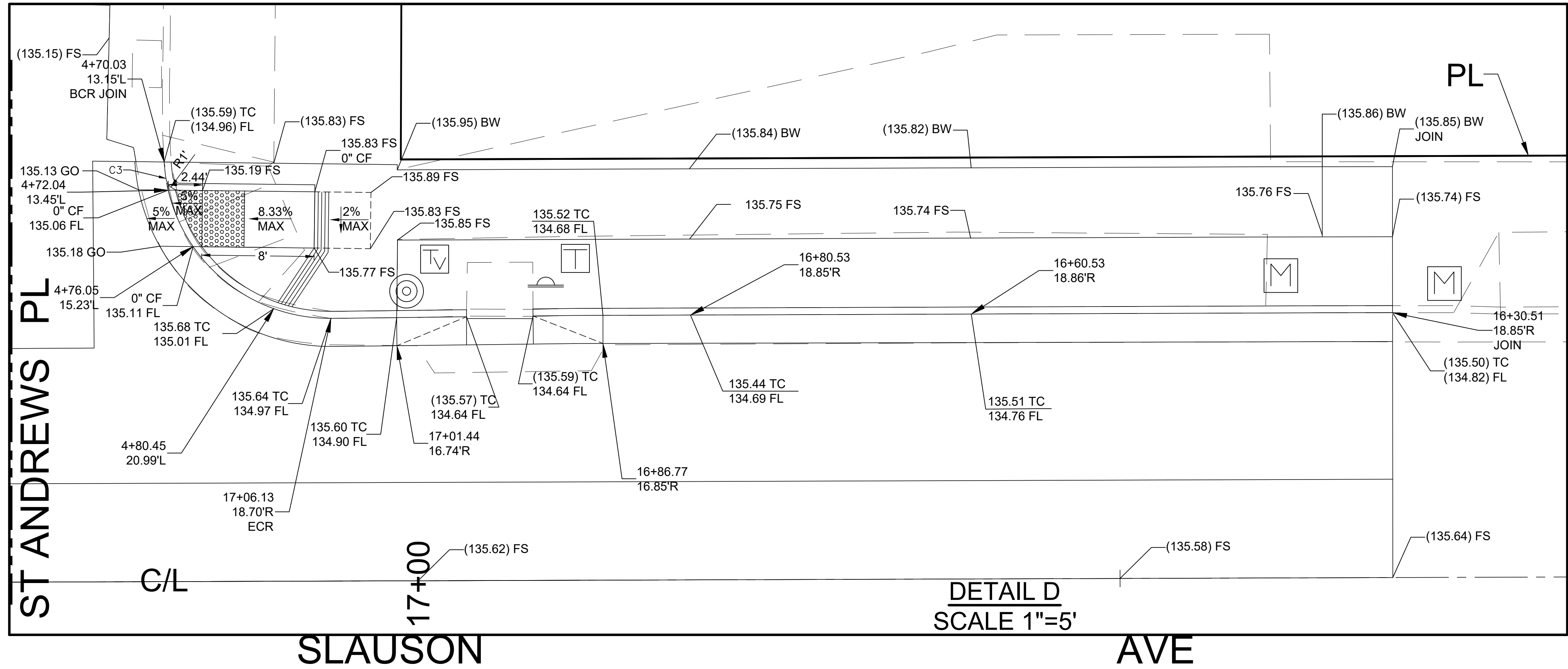
SHEET 19 OF SHEETS



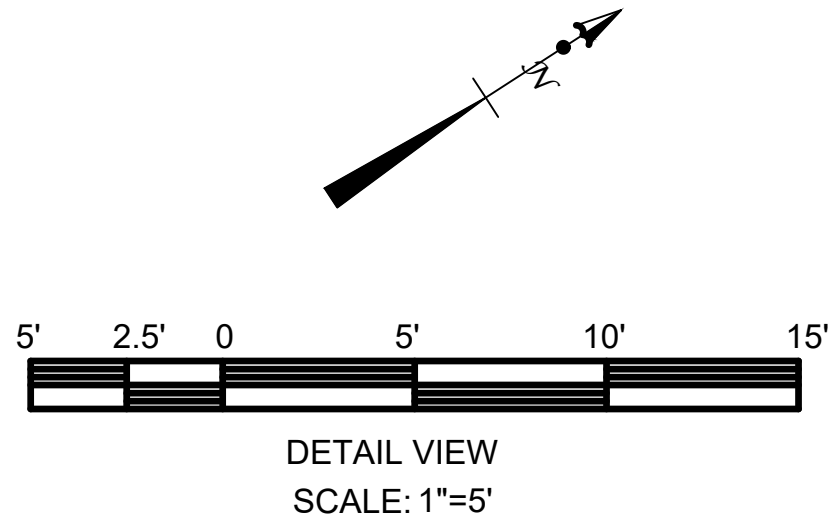
REVISION DATES (DESIGN STAGE ONLY)

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MATCH LINE STATION 17+29.11
SEE PLAN VIEW ABOVE



MATCH LINE STATION 17+29.11
SEE PLAN VIEW BELOW



CONSTRUCTION SYMBOLS

- — CONSTRUCT
□ — EXISTING
□ — REMOVE
- — REMODEL EXISTING
□ — REMOVE & CONSTRUCT
○ — WORK BY OTHERS

CONSTRUCTION NOTES		STANDARD
NO.	DESCRIPTION	PLAN
1	TYPE A CONCRETE CURB	S-410-2
2	TYPE C INTEGRAL CURB AND GUTTER (a=2',b=8")	S-410-2
10	CONCRETE DRIVEWAY (CASE PER PLAN)	S-440-4
12	CONCRETE WALK (t=4")	S-444-0
13	CURB RAMP (CASE PER PLAN)	S-442-6
14	ASPHALT CONCRETE PAVEMENT	
16	CRUSHED MISCELLANEOUS BASE (t=AS NOTED)	
20	TREE	
23	GRADE ONLY	
29	CURB DRAIN (PROTECT IN PLACE)	
36	UTILITY POLE	
38	STREET LIGHTING PULLBOX	
39	TRAFFIC SIGNAL PULLBOX	
40	CATV PULL BOX	
41	ADJUST TO GRADE FIRE HYDRANT	
42	ELECTROLIER	
46	WATERMETER	
47	STREET SIGN	
49	WATER VALVE	
50	PARKWAY	
51	NON-WALKABLE SURFACE (BROOM FINISH)	
59	GATE	
61	SAWCUT AND JOIN	
64	UNCLASSIFIED EXCAVATION MATERIAL	
65	TRAFFIC SIGNAL	
81	GRATING BASIN	S-354-0
86	WARPED GUTTER AT CATCH BASIN	S-311-0
99	SIDE OPENING CATCH BASIN	S-351-1
136	ADJUST SEWER MAINTENANCE HOLE TO GRADE	S-137-1

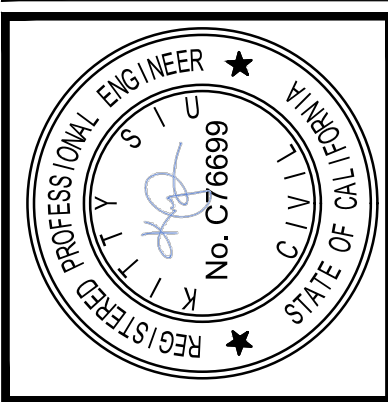


CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS BUREAU OF ENGINEERING

CITY ENGINEER		DESIGN GROUP	DATE
TED ALLEN, P.E.		KITTY SIU, P.E.	03/06/24
ENGINEER	ARCHITECT:	N/A	03/06/24
	DESIGNED BY:	JOSE NIETO	03/06/24
	DRAWN BY:	JOSE NIETO	03/06/24
	CHECKED BY:	MATTHEW MASUDA, P.E.	03/06/24
	APPROVED BY:	ARSEN VOSKERCHYAN, P.E.	03/06/24

WORK ORDER	E1908119
SHEET NAME	C1304
SHEET 21 OF	SHEETS

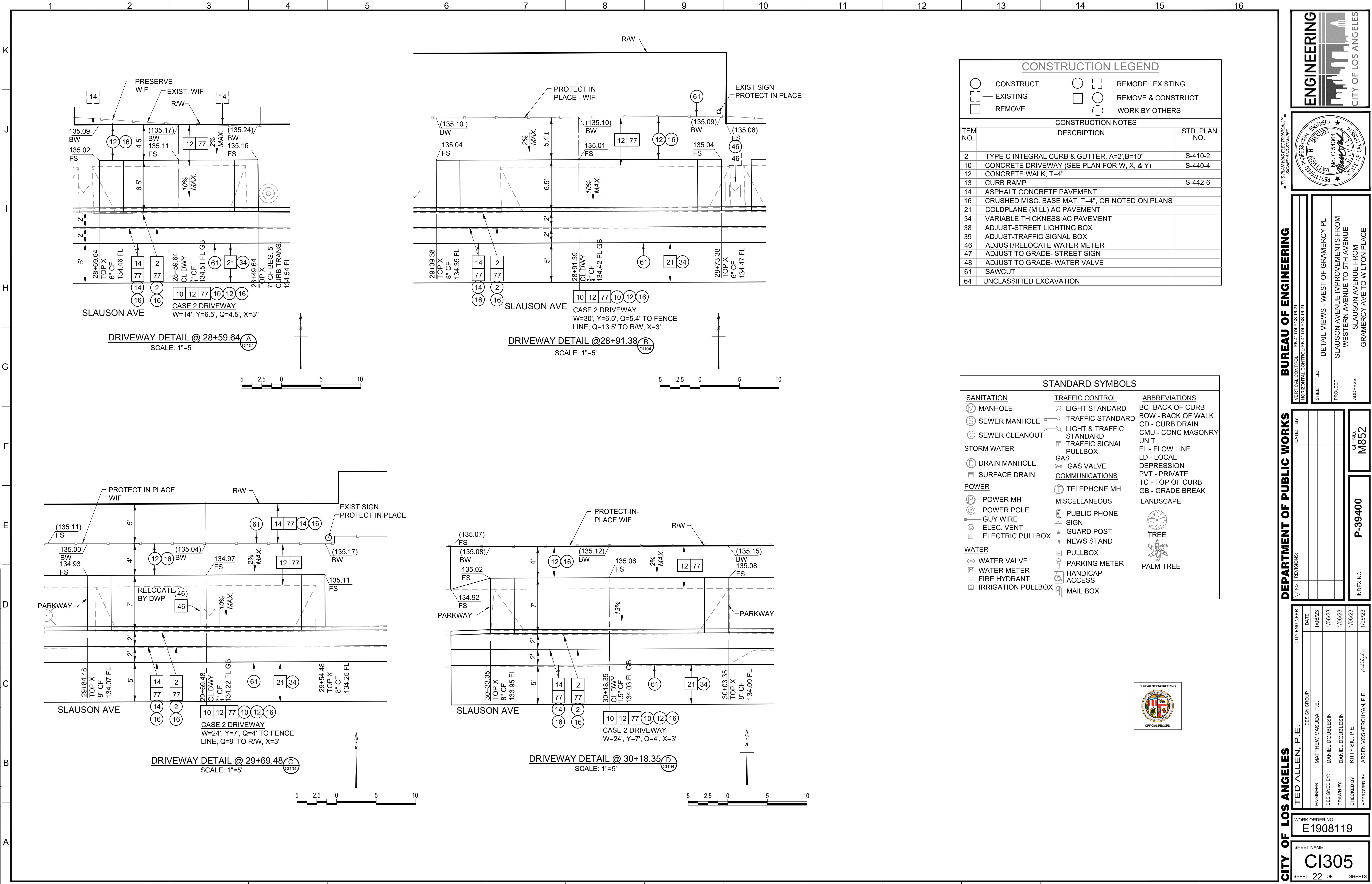
VERTICAL CONTROL:	BM 18-10470 NAVD 1989ADJ 2000 E=134.234'
HORIZONTAL CONTROL:	FB #41174 PG 16-21
SHEET TITLE:	CURB RAMP DETAILS - ST ANDREWS PL
PROJECT:	SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE
ADDRESS:	SLAUSON AVE & ST ANDREW PL LOS ANGELES CA 90047



THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REVISION DATES
(DESIGN STAGE ONLY)

Sheet Version 4.0



CONSTRUCTION LEGEND

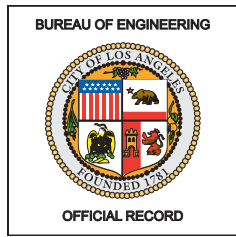
- — CONSTRUCT
- — EXISTING
- — REMOVE
- — REMODEL EXISTING
- — REMOVE & CONSTRUCT
- — WORK BY OTHERS

CONSTRUCTION NOTES

ITEM NO.	DESCRIPTION	STD. PLAN NO.
2	TYPE C INTEGRAL CURB & GUTTER, A=2' B=10"	S-410-2
10	CONCRETE DRIVEWAY (SEE PLAN FOR W, X, & Y)	S-440-4
12	CONCRETE WALK, T=4"	
13	CURB RAMP	S-442-6
14	ASPHALT CONCRETE PAVEMENT	
16	CRUSHED MISC. BASE MAT, T=4", OR NOTED ON PLANS	
21	COLDPLANE (MILL) AC PAVEMENT	
34	VARIABLE THICKNESS AC PAVEMENT	
38	ADJUST-STREET LIGHTING BOX	
39	ADJUST-TRAFFIC SIGNAL BOX	
46	ADJUST/RELOCATE WATER METER	
47	ADJUST TO GRADE- STREET SIGN	
48	ADJUST TO GRADE- WATER VALVE	
61	SAWCUT	
64	UNCLASSIFIED EXCAVATION	

STANDARD SYMBOLS

SANITATION	TRAFFIC CONTROL	ABBREVIATIONS
○ MANHOLE	⊗ LIGHT STANDARD	BC - BACK OF CURB
○ SEWER MANHOLE	⊗ TRAFFIC STANDARD	BOW - BACK OF WALK
○ SEWER CLEANOUT	⊗ LIGHT & TRAFFIC STANDARD	CD - CURB DRAIN
	⊗ TRAFFIC SIGNAL PULLBOX	CMU - CONC MASONRY UNIT
STORM WATER		FL - FLOW LINE
○ DRAIN MANHOLE		LD - LOCAL
□ SURFACE DRAIN		DEPRESSION
POWER		PVT - PRIVATE
○ POWER MH	⊗ TELEPHONE MH	TC - TOP OF CURB
○ POWER POLE		GB - GRADE BREAK
○ GUY WIRE		LANDSCAPE
○ ELEC. VENT		○ TREE
□ ELECTRIC PULLBOX		○ PALM TREE
WATER		
○ WATER VALVE		
○ WATER METER		
○ FIRE HYDRANT		
□ IRRIGATION PULLBOX		
	⊗ PUBLIC PHONE	
	⊗ SIGN	
	⊗ GUARD POST	
	⊗ NEWS STAND	
	⊗ PULLBOX	
	⊗ PARKING METER	
	⊗ HANDICAP ACCESS	
	⊗ MAIL BOX	

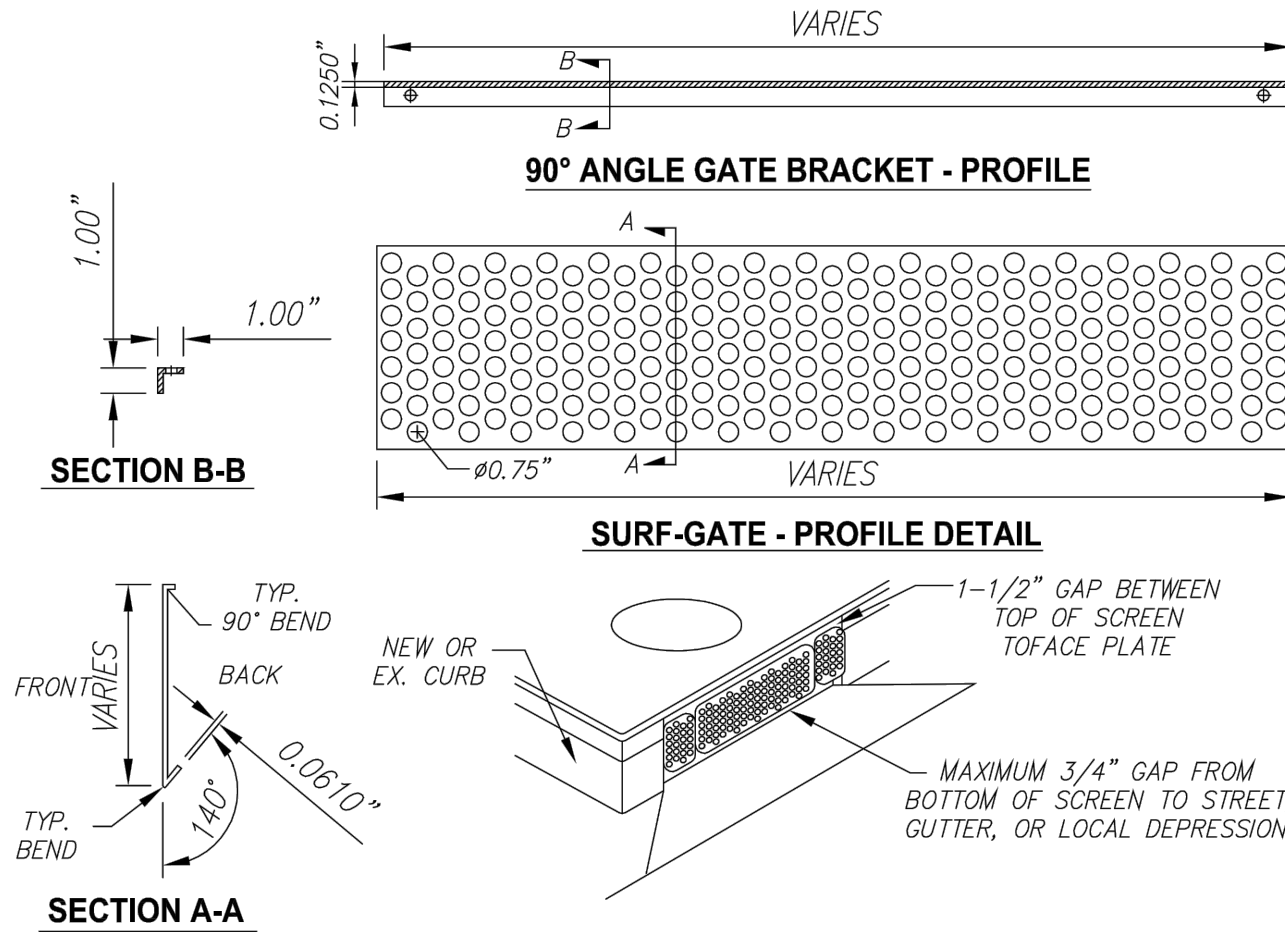


THIS PLAN WAS ELECTRONICALLY SIGNED AND SEALED.

BUREAU OF ENGINEERING
VERTICAL CONTROL: FB 4174 PGS 16-31
HORIZONTAL CONTROL: FB 4174 PGS 16-31
SHEET TITLE: DETAIL VIEWS - WEST OF GRAMERCY PL
PROJECT: SLAUSON AVENUE IMPROVEMENTS FROM WESTERN AVENUE TO 5TH AVENUE
ADDRESS: SLAUSON AVENUE FROM GRAMERCY AVE TO WILTON PLACE

DEPARTMENT OF PUBLIC WORKS
DATE: BY:
CITY ENGINEER: TED ALLEN, P.E.
DESIGN GROUP: MATTHEW MASUDA, P.E.
ENGINEER: DANIEL DOUBLESIN
DESIGNED BY: DANIEL DOUBLESIN
DRAWN BY: KITTY SIU, P.E.
CHECKED BY: ARSEN VOSKRECHYAN, P.E.
APPROVED BY: *[Signature]*
CIP NO. M852
INDEX NO. P-39400

WORK ORDER NO. E1908119
SHEET NAME: CI305
SHEET 22 OF SHEETS

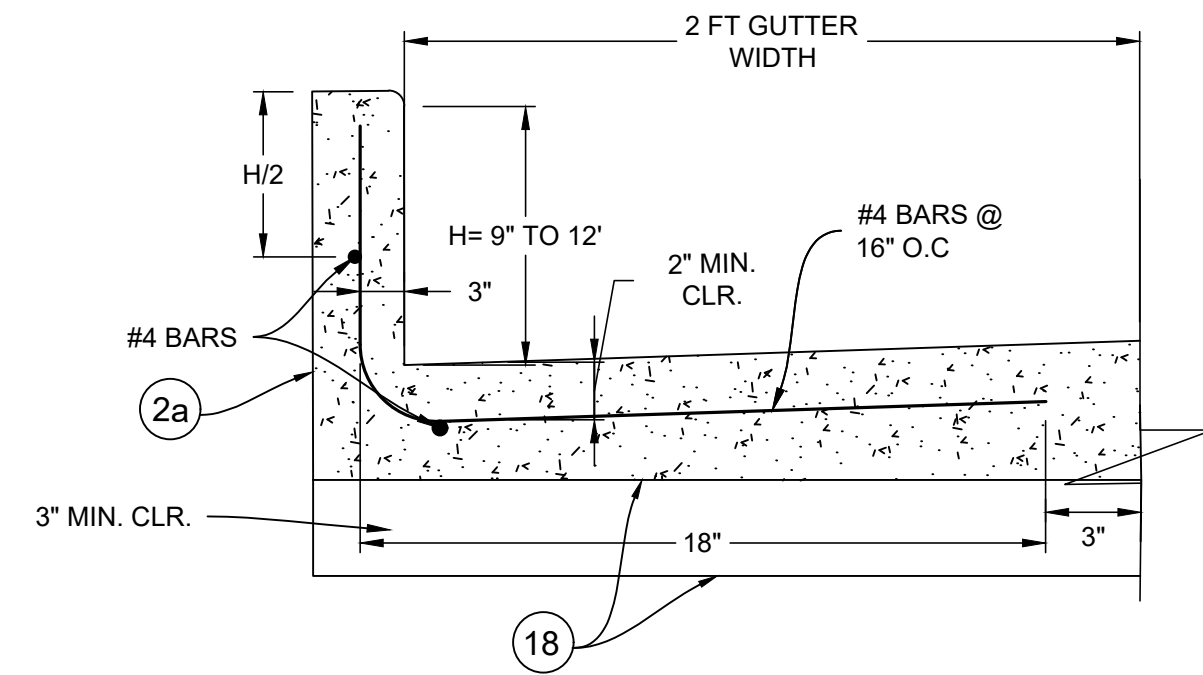


1 SURF GATE RECTRACTABLE SCREEN DETAIL

T = MATCH EXISTING CATCH BASIN WALL THICKNESS

W = MATCH EXISTING CATCH BASIN OPENING WIDTH

1. INSTALL AUTOMATIC RETRACTABLE CATCH BASIN SCREEN ON ALL CURB OPENING CATCH BASINS, MODEL NO. SURF GATE AS MANUFACTURED BY AMERICAN STORMWATER, (310) 354-9999, EXT. 284.



REINFORCED TYPE C INTEGRAL CURB AND GUTTER DETAIL
NTS

 — CONSTRUCT
  — REMODEL EXISTING
 — EXISTING
  — REMOVE & CONSTRUCT
 — REMOVE
  — WORK BY OTHERS

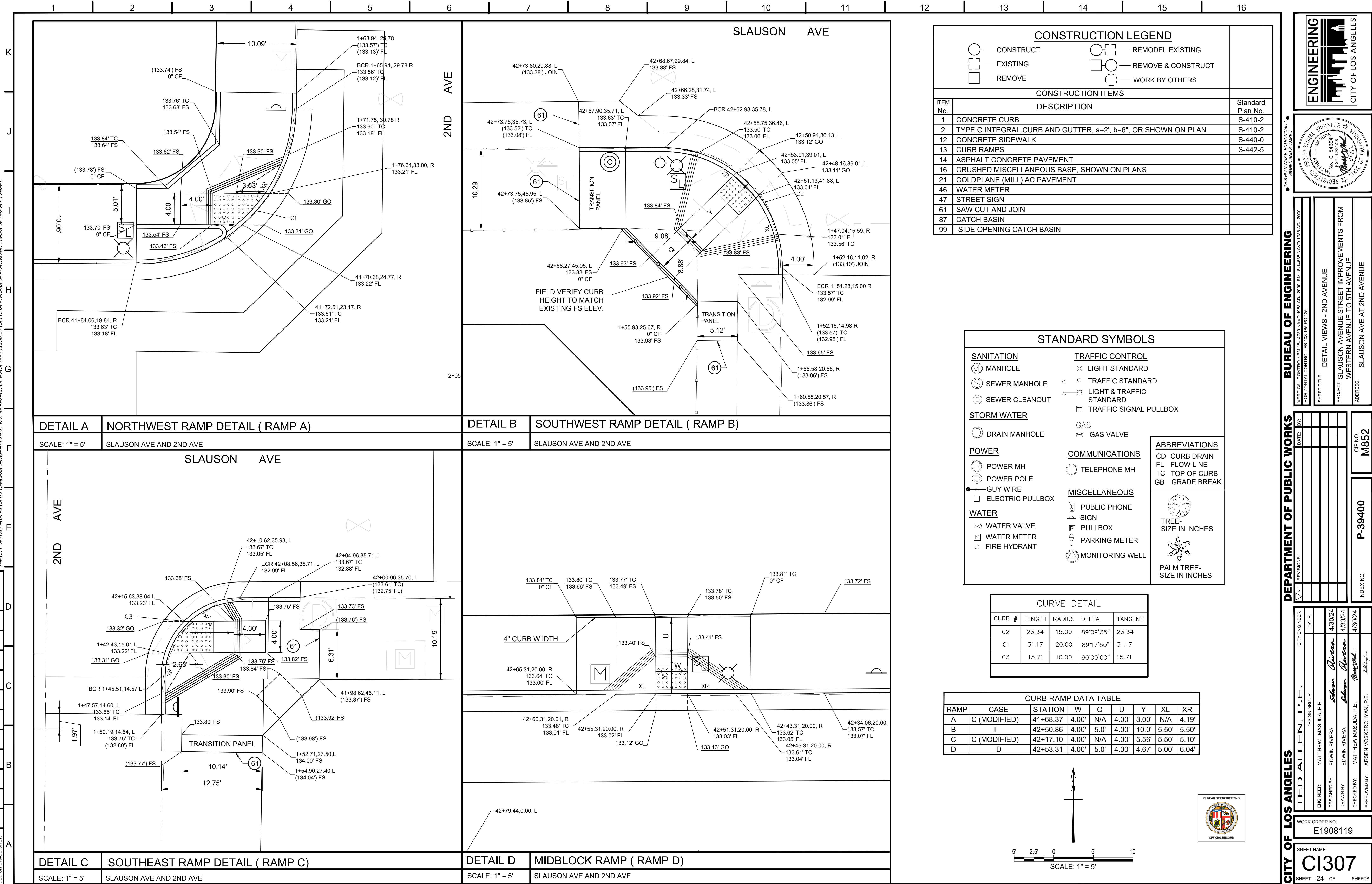
CONSTRUCTION ITEMS		
ITEM No.	DESCRIPTION	STANDARD PLAN No.
2a	REINFORCED TYPE C INTEGRAL CURB & GUTTER (a=2', b=9-12")	S-410-2
16	CRUSHED MISC. BASE MATERIAL, t=8" (UNLESS OTHERWISE NOTED)	

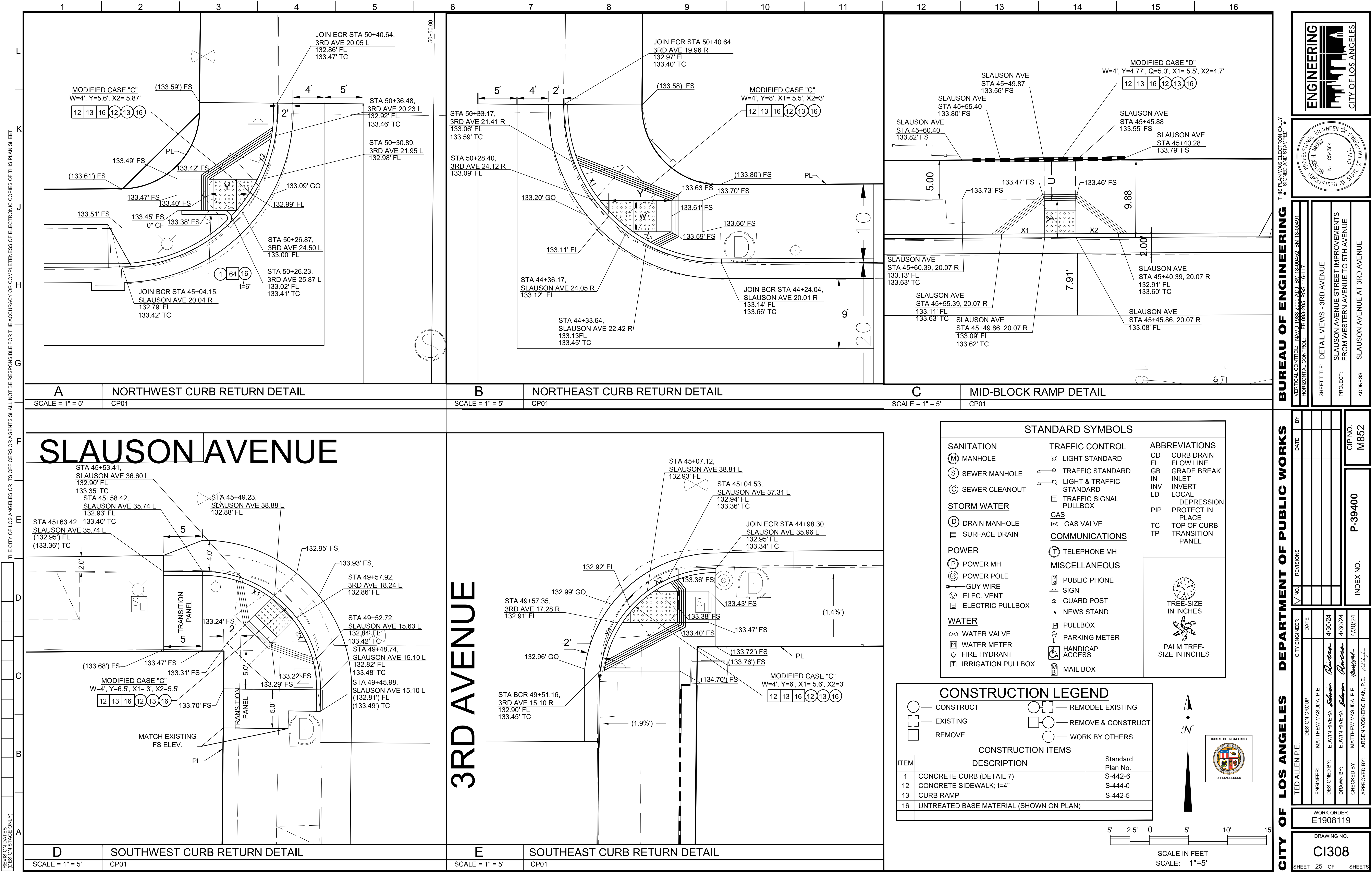


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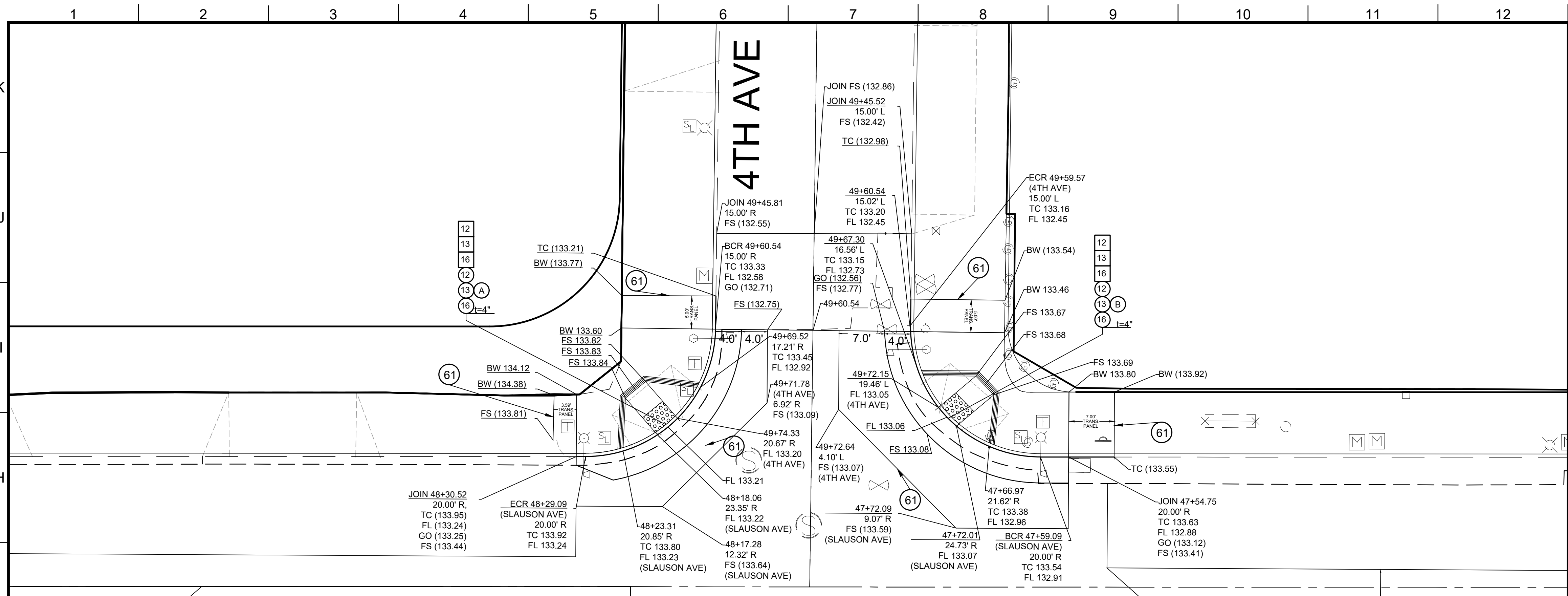




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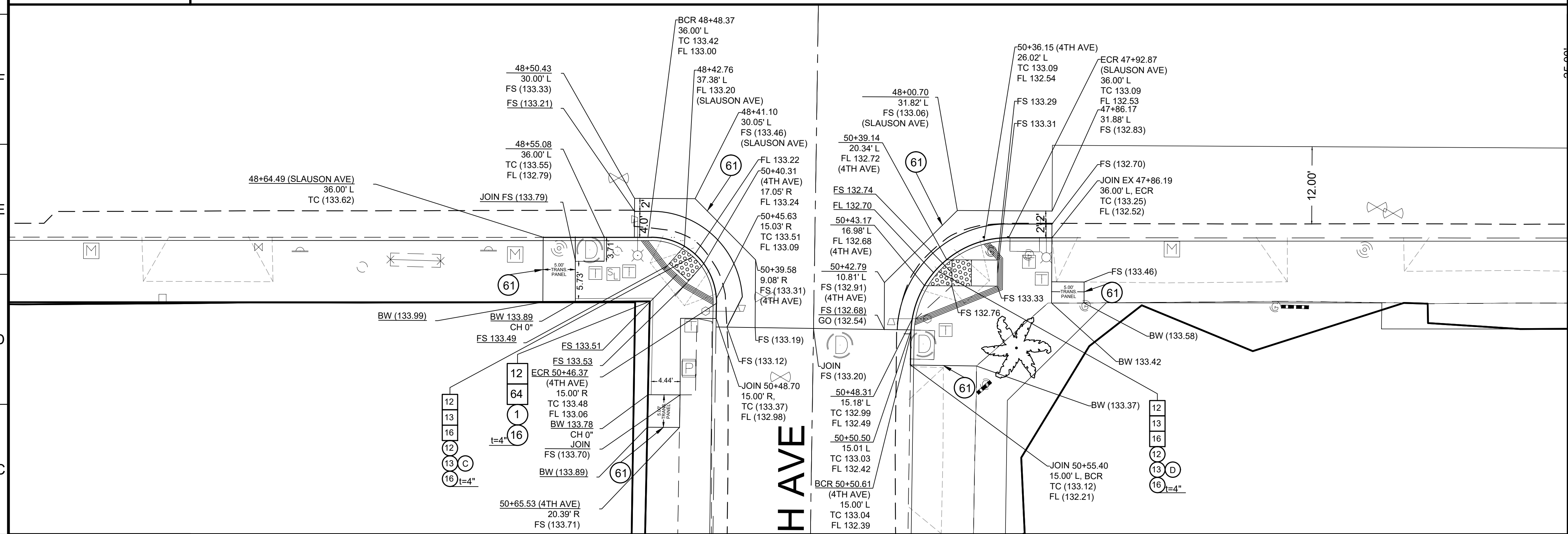
REVISION DATES
(DESIGN STAGE ONLY)

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DETAIL A NORTHWEST AND NORTHEAST CURB RAMP DETAILS

SCALE: 1" = 10'
SLAUSON AVENUE AND 4TH AVENUE



DETAIL B SOUTHWEST AND SOUTHEAST CURB RAMP DETAILS

SCALE: 1" = 10'
SLAUSON AVENUE AND 4TH AVENUE

CURB RAMP DATA TABLE											
RAMP	CASE	STATION	W	Q	U	Y	YS	XL	FSL	XR	FSR
A	I	26+92.00	4.00'	4.82'	4.00'	7.60'	8.16%	5.50'	9.43%	5.50'	3.96%
B	I	26+49.07	4.00'	3.40'	4.00'	7.60'	8.16%	5.31'	1.68%	5.50'	5.22%
C	I	27+07.93	4.00'	5.53"	5.00'	4.21'	6.89%	5.34'	4.44%	5.50'	3.53%
D	C	50+41.33	4.00'	7.11'	4.00'	7.00'	8.14%	5.50'	5.54%	5.50'	5.40%

* XL, FSL, XR, FSR VALUES ARE TAKEN FROM THE STREET FACING THE CURB RAMP.

CIVIL PLAN

STANDARD SYMBOLS

SANITATION

MANHOLE

SEWER MANHOLE

SEWER CLEANOUT

TRAFFIC CONTROL

LIGHT STANDARD

TRAFFIC STANDARD

LIGHT & TRAFFIC STANDARD

TRAFFIC SIGNAL PULLBOX

STORM WATER

DRAIN MANHOLE

POWER

POWER MH

POWER POLE

GUY WIRE

ELECTRIC PULLBOX

WATER

WATER VALVE

WATER METER

FIRE HYDRANT

GAS

GAS VALVE

COMMUNICATIONS

TELEPHONE MH

MISCELLANEOUS

PUBLIC PHONE

SIGN

PULLBOX

PARKING METER

MONITORING WELL

ABBREVIATIONS

CD CURB DRAIN

FL FLOW LINE

TC TOP OF CURB

GB GRADE BREAK

TREE-SIZE IN INCHES

PALM TREE-SIZE IN INCHES

CONSTRUCTION LEGEND

CONSTRUCT

EXISTING

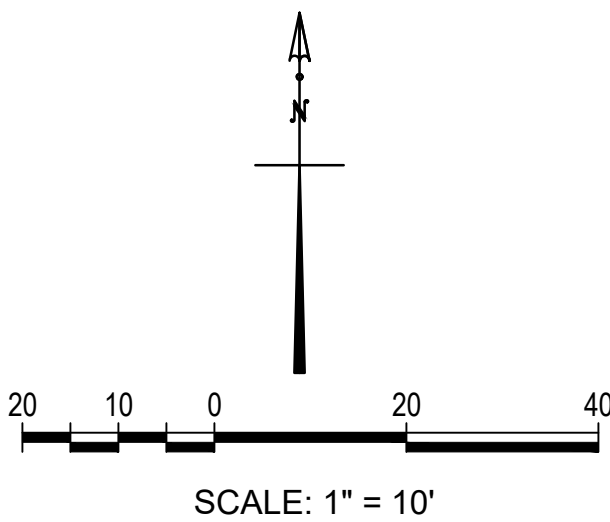
REMOVE

REMODEL EXISTING

REMOVE & CONSTRUCT

WORK BY OTHERS

CONSTRUCTION ITEMS



DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

• THIS PLAN WAS ELECTRONICALLY SIGNED AND SEALED

BUREAU OF ENGINEERING

NO.	REVISIONS	DATE	BY

INDEX NO.

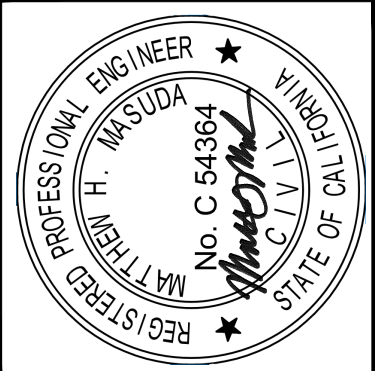
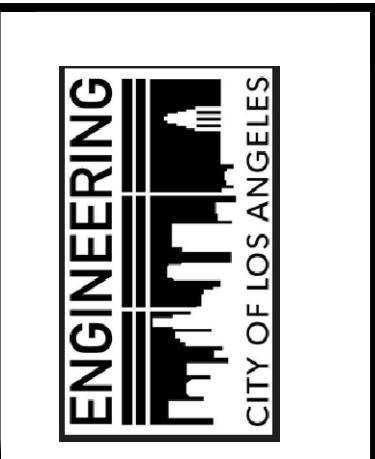
P-39400

CIP NO.

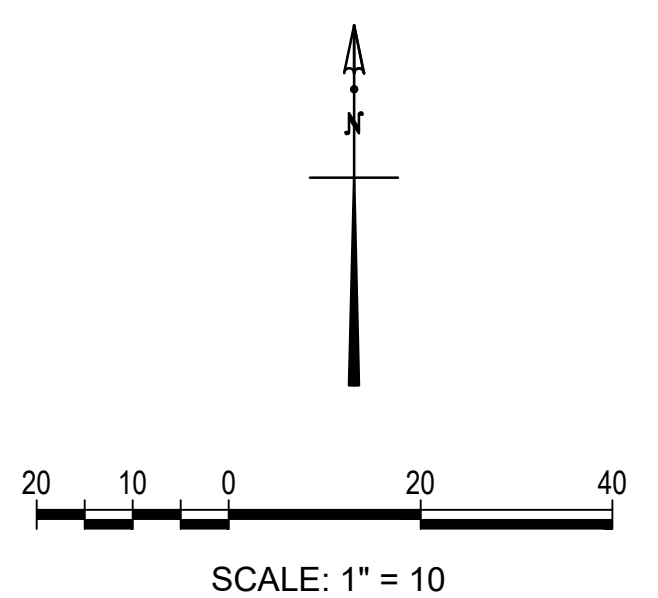
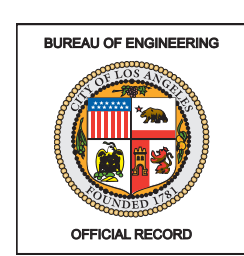
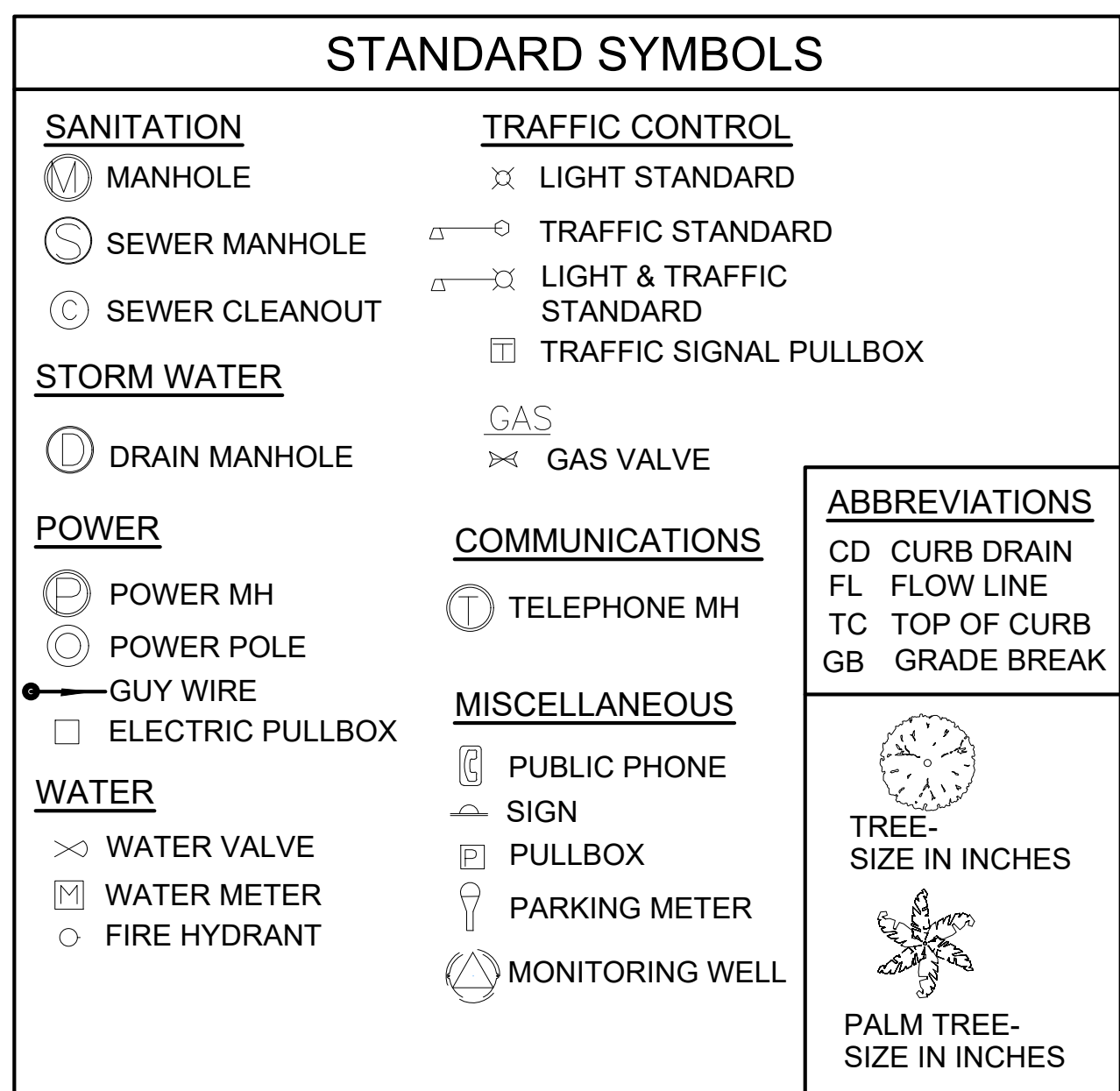
M852

CITY ENGINEER	TED ALLEN, PE
DESIGN GROUP	DESIGN MASUDA
ENGINEER	MATTHEW MASUDA
DESIGNED BY	ALEXANDRIA EN
DRAWN BY	ALEXANDRIA EN
CHECKED BY	MATTHEW MASUDA
APPROVED BY	ARSEN VOSKERCHEYAN
DATE	03/19/24
DATE	03/19/24
DATE	04/19/24

WORK ORDER NO.	E1908119
SHEET NAME	C1309
SHEET	26
OF	
SHEETS	



VERTICAL CONTROL: BM 18+07.85 NAVD 1988; RD 2000, BM 18+06.55 NAVD 1988; RD 2000	PROJECT	SLAUSON AVENUE STREET IMPROVEMENTS FROM WESTERN AVENUE TO 5TH AVENUE
HORIZONTAL CONTROL: FS 103+105 PG 125	ADDRESS:	SLAUSON - 5TH STREET TO 6TH STREET
SHEET TITLE	DETAIL VIEWS - 4TH AVE	



DETAIL B	SOUTHWEST AND SOUTHEAST CURB RAMP DETAILS
SCALE: 1" = 10'	SLAUSON AVENUE AND 5TH AVENUE

* XL, FSL, XR, FSR VALUES ARE TAKEN FROM THE STREET FACING THE CURB RAMP.

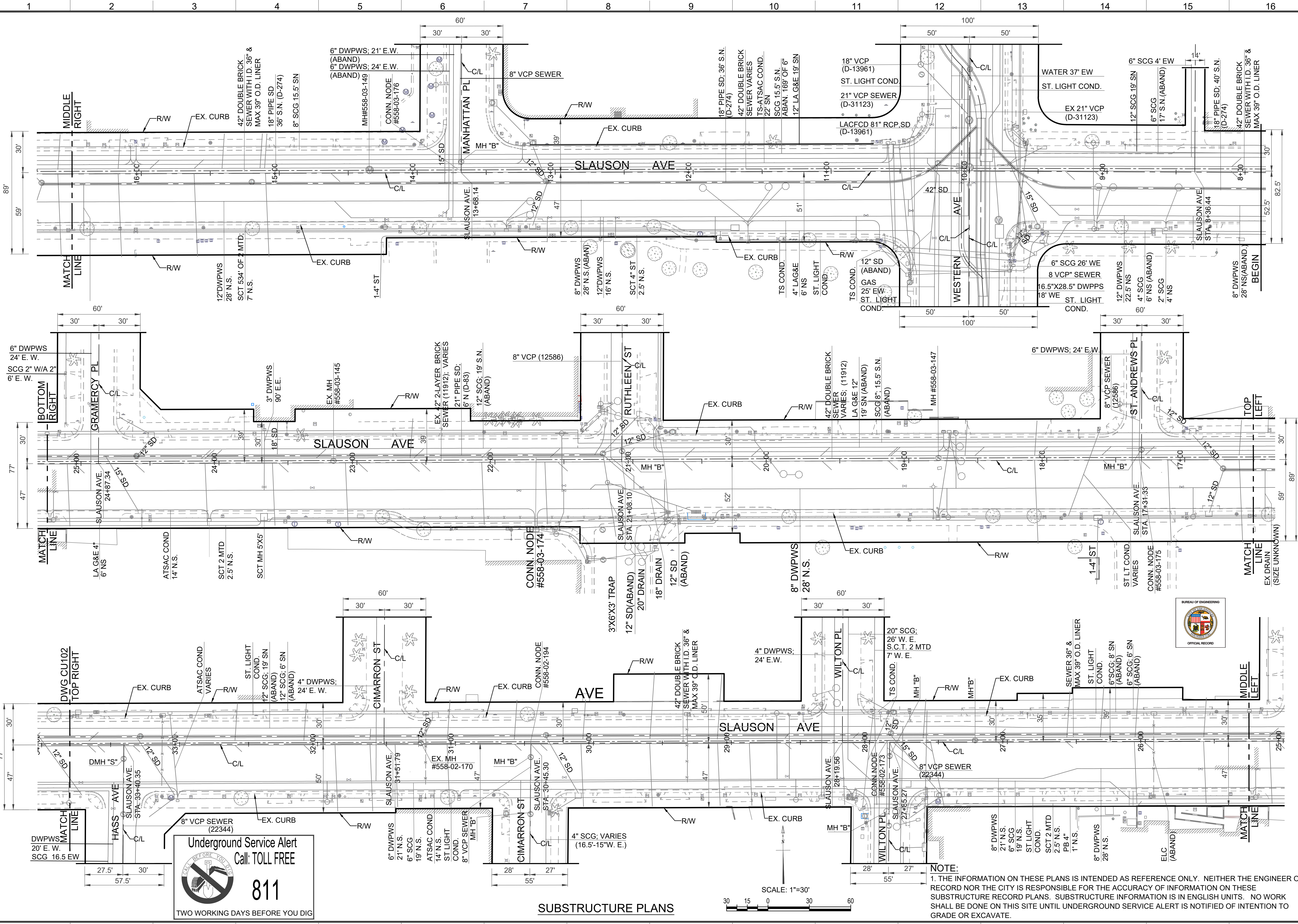
CIVIL PLAN

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REVISION DATES
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SUBSTRUCTURE PLANS

CITY OF LOS ANGELES

BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

ENGINEERING

CITY OF LOS ANGELES

WORK ORDER NO.
E1908119

SHEET NAME
CU101

SHEET 28 OF SHEETS

PROJECT: SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE

ADDRESS: WESTERN AVE. TO HASS AVE.

CIP NO.
M852

P-39400

INDEX NO.

CITY ENGINEER
TED ALLEN, P.E.

DESIGN GROUP
MATTHEW MASUDA, P.E.

ENGINEER
DANIEL DOUBLEIN

DESIGNED BY: DANIEL DOUBLEIN

DRAWN BY: DANIEL DOUBLEIN

CHECKED BY: MATTHEW MASUDA, P.E.

APPROVED BY: ARSEN VOSKERCHEYAN, P.E.

DATE: 1/06/23

DATE: 1/06/23

DATE: 1/06/23

DATE: 1/06/23

REVISIONS:

NO.	REVISIONS	DATE	BY

VERTICAL CONTROL: FB 1714 PGS 16-21

HORIZONTAL CONTROL: FB 1714 PGS 16-21

SHEET TITLE: SUBSTRUCTURE PLAN

PROJECT: SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE

ADDRESS: WESTERN AVE. TO HASS AVE.

CIP NO. M852

P-39400

INDEX NO.

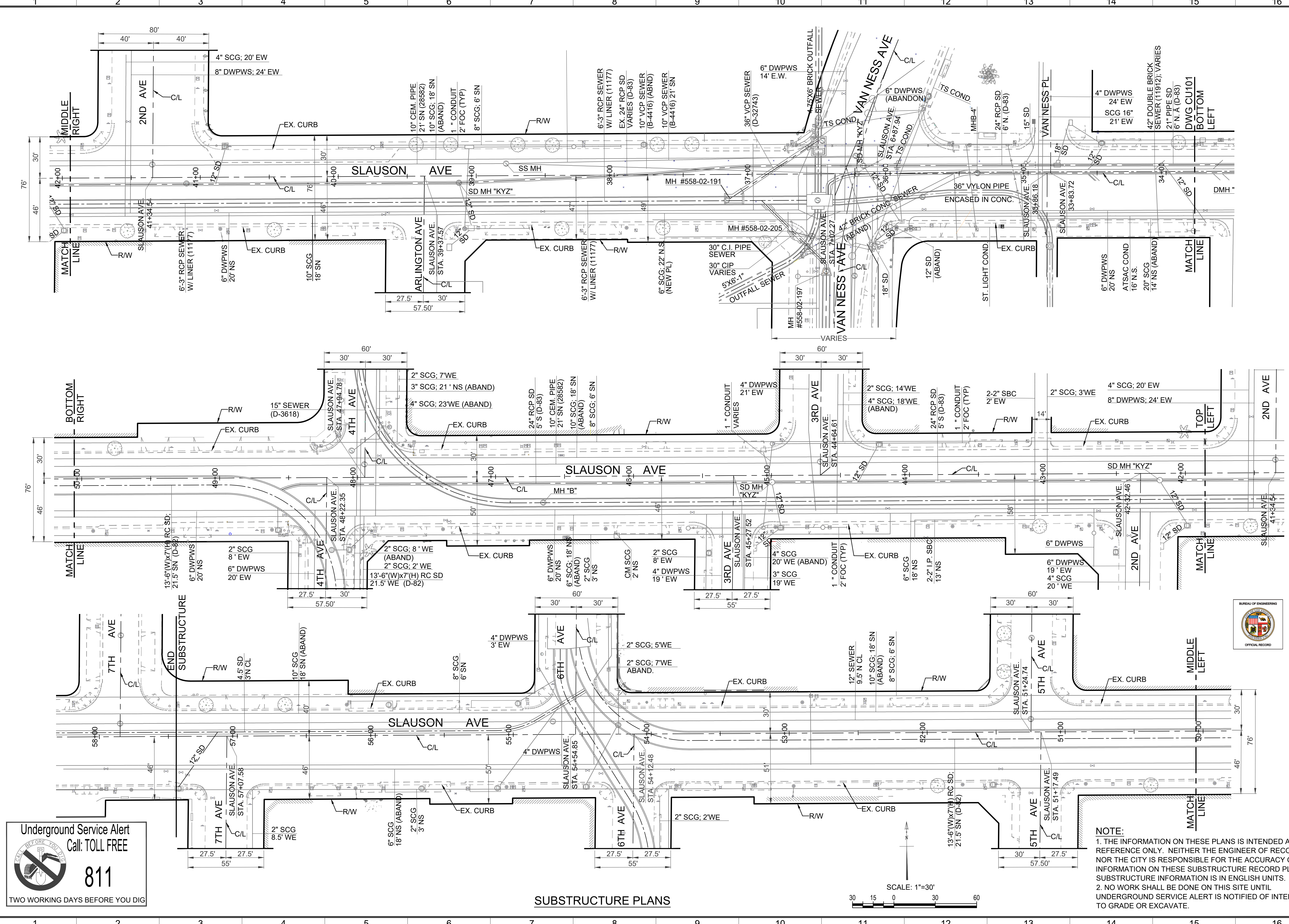
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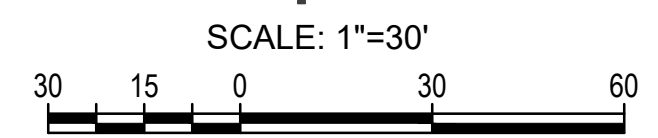
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SUBSTRUCTURE PLANS



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CITY OF LOS ANGELES

BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS

UNDERGROUND SERVICE ALERT
Call: TOLL FREE
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TWO WORKING DAYS BEFORE YOU DIG

REVISION DATES
(DESIGN STAGE ONLY)

NO.	REVISIONS	DATE	BY

CITY ENGINEER
TED ALLEN, P.E.

DESIGN GROUP
MATTHEW MASUDA, P.E.

ENGINEER
MATTHEW MASUDA, P.E.

DESIGNED BY
DANIEL DOUBLESIN

DRAWN BY
DANIEL DOUBLESIN

CHECKED BY
MATTHEW MASUDA, P.E.


APPROVED BY
ARSEN VOSKERCHEYAN, P.E.

WORK ORDER NO.
E1908119

SHEET NAME
CU102

SHEET 29 **OF** SHEETS

ENGINEERING
CITY OF LOS ANGELES



REGISTERED PROFESSIONAL ENGINEER
MATTHEW H. MASUDA
No. C 54364
STATE OF CALIF.

SUBSTRUCTURE PLAN
SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE

ADDRESS:
VAN NESS AVE TO 7TH AVE

CIP NO.
M852

P-39400

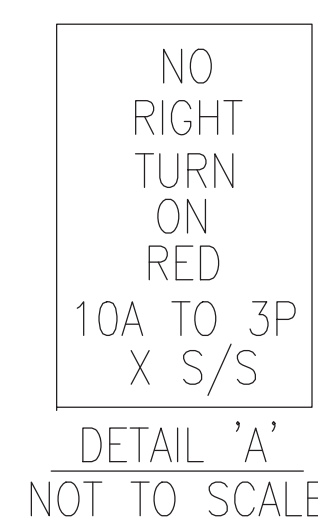
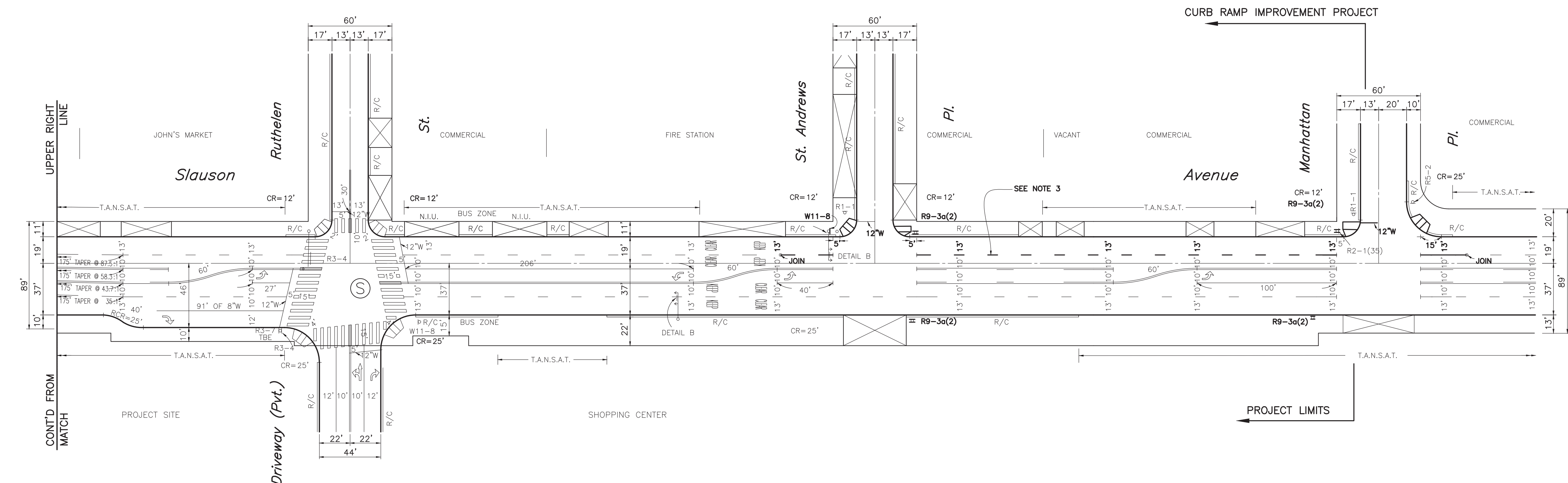
INDEX NO.

VERTICAL CONTROL - FB 4174 PGS 16-21
HORIZONTAL CONTROL - FB 4174 PGS 16-21

SHEET TITLE:
SUBSTRUCTURE PLAN
SLAUSON AVENUE STREET IMPROVEMENT FROM WESTERN AVENUE TO 5TH AVENUE

ADDRESS:
VAN NESS AVE TO 7TH AVE





HORIZ. 1"=
VERT. 1"=

P-39400

INSTALLATION DATES	
MARKOUT BEGAN: _____	
MARKOUT COMPLETED: _____	
STRIPING COMPLETED: _____	
References: A-1986 A-1803	
Thomas Guide	District
673-G5	S

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