25TH STREET RENAISSANCE

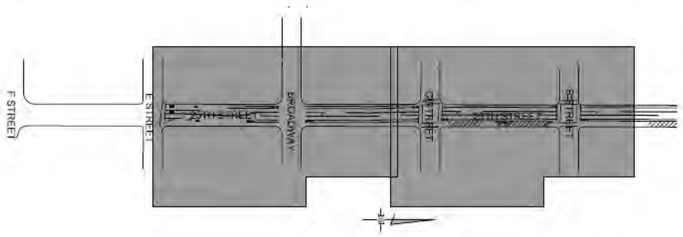
FEDERAL-AID PROJECT NUMBER RPSTPLE 5004 (176)

GENERAL NOTES

1. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, A LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
3. CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.
4. PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.
5. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE CITY INSPECTOR.
6. AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE CITY OF SAN DIEGO.
7. SEE DEMOLITION PLANS FOR LOCATION OF EXISTING UTILITIES LOCATED WITHIN THE LIMITS OF WORK.
8. SEE IMPROVEMENT PLANS FOR ADDITIONAL INFORMATION ON DECORATIVE SURFACE IMPROVEMENTS AND FINISHES.
9. PROPOSED IMPROVEMENTS SHALL MATCH EXISTING FEATURES FLUSH AND SMOOTH AT THE LIMITS OF WORK.
10. ALL STATIONS/OFFSETS ARE PROVIDED FROM 25TH STREET UNLESS OTHERWISE SHOWN.
11. ALL ELEVATIONS ON THESE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN THE EVENT OF A CONFLICT THE CONTRACTOR SHALL CONTACT THE ENGINEER AT LEAST ONE WEEK PRIOR TO BEGINNING CONSTRUCTION TO REQUEST CLARIFICATION.
12. IN LOCATIONS WHERE THE PROPOSED LIP OF GUTTER ELEVATION IS STAKED TO BE EITHER HIGHER OR LOWER THAN THE EXISTING PAVEMENT, THE CONTRACTOR SHALL CONTACT THE ENGINEER AT LEAST TWO DAYS PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER FOR POSSIBLE PROFILE REVISIONS.

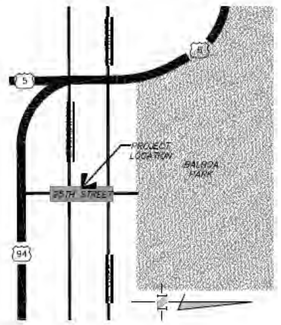
STORM WATER PROTECTION

1. THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. R9-2007-1 AND SWPPP IN COMPLIANCE WITH CONSTRUCTION GENERAL PERMIT 2009-0009 DWQ AS AMENDED BY 2012-0006 DWQ AND IS A RISK LEVEL 1 PROJECT.



KEY MAP

1"=200'



VICINITY MAP

NO SCALE

REFERENCE DRAWINGS

W.O. 31220, 7783-L
W.O. 172331,
26352-(07,11,15,16)-D
W.O. 181141,
27076-(3,5,6,7,8)-D
W.O. 183761, 29045-7-D
W.O. 119304,
25221-(12,13,14)-D
W.O. 112468, 27629-3-D
W.O. 119954, 26518-(1,2)-D

TOPOGRAPHY SOURCE

SURVEY PERFORMED BY THE CITY OF SAN DIEGO ENGINEERING AND CAPITAL PROJECTS DEPARTMENT, FIELD ENGINEERING FIELD SURVEY (GFEOMATICS) SECTION ON DECEMBER 4, 2007, JUNE 15, 2010, AND BY R. MACY, JANUARY 21, 2011, WBS#S-00985, 200-1725

BENCHMARK

PRIMARY BENCHMARK: NWBP 25TH STREET AND C STREET
VERTICAL DATUM: NGVD 29 FEET
ELEVATION = 197.993 MSL BASED ON NGVD29 FEET AS SHOWN IN CITY OF SAN DIEGO BENCH BOOK

TOTAL DISTURBED AREA

TOTAL SITE DISTURBED AREA = APPROX. 2.9 ACRES

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

STANDARD SPECIFICATIONS:

DOCUMENT NO.	FILED	DESCRIPTION
PITS070112-01	07-01-12	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK) - 2012 EDITION
PITS070772-02	07-01-12	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("THE WHITEBOOK") - 2012 EDITION
PITS070112-06	07-01-12	CALIFORNIA MUTCD - 2012 EDITION
PITS070112-04	07-01-12	CALTRANS STANDARD SPECIFICATIONS - 2010 EDITION

STANDARD DRAWINGS:

DOCUMENT NO.	FILED	DESCRIPTION
PITS070112-03	07-01-12	CITY OF SAN DIEGO STANDARD DRAWINGS - 2012 EDITION
PITS070112-05	07-01-12	CALTRANS 2010 STANDARD PLANS

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TRAFFIC CONTROL PLANS - PHASE XI	T11
TRAFFIC CONTROL PLANS - PHASE XII	T12

G-1

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DIAL TOLL FREE
1-800-422-4133
OR 811
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT (USA) OF SOUTHERN CALIFORNIA

STREET DATA TABLE

STREET NAME	CLASSIFICATION	SPEED (MPH)	ADT (VEHICLES)	R/W (FT)
25TH STREET. (F STREET - B STREET)	4 LANE COLLECTOR	25	12,100	100
25TH STREET. (B STREET - RUSS BLVD.)	2 LANE COLLECTOR	25	1,200	100
BROADWAY	2 LANE COLLECTOR W/ TWLTL	25	5,880	80
C STREET	2 LANE COLLECTOR W/ TWLTL	30	3,940	80
B STREET	2 LANE COLLECTOR	25	5,200	80

DECLARATION OF RESPONSIBLE CHARGE

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

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

NAME R.C.E. NO. 36895 EXP. 6/30/14

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER GERALD L. MICHEL No. 36895 CIVIL STATE OF CALIFORNIA

DATE: 4/28/13

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A California Corporation | Water Montgomery, Architect RCY 9381 | Jerry Michel, PE #36895, LD #6276 | Jeff Porter, LA #3844

PLANS FOR THE CONSTRUCTION OF
25TH ST. RENAISSANCE PROJECT
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 1 OF 29 SHEETS

WBS 8-00985

APPROVED FOR CITY ENGINEER — DATE 8/1/2013

SUBMITTED BY:
DAVID LI
ASSOCIATE ENGINEER
MARC PIRAZZINI
PROJECT ENGINEER
200-1725
CCS27 COORDINATE
6286407-1838444
CCS83 COORDINATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-01-D

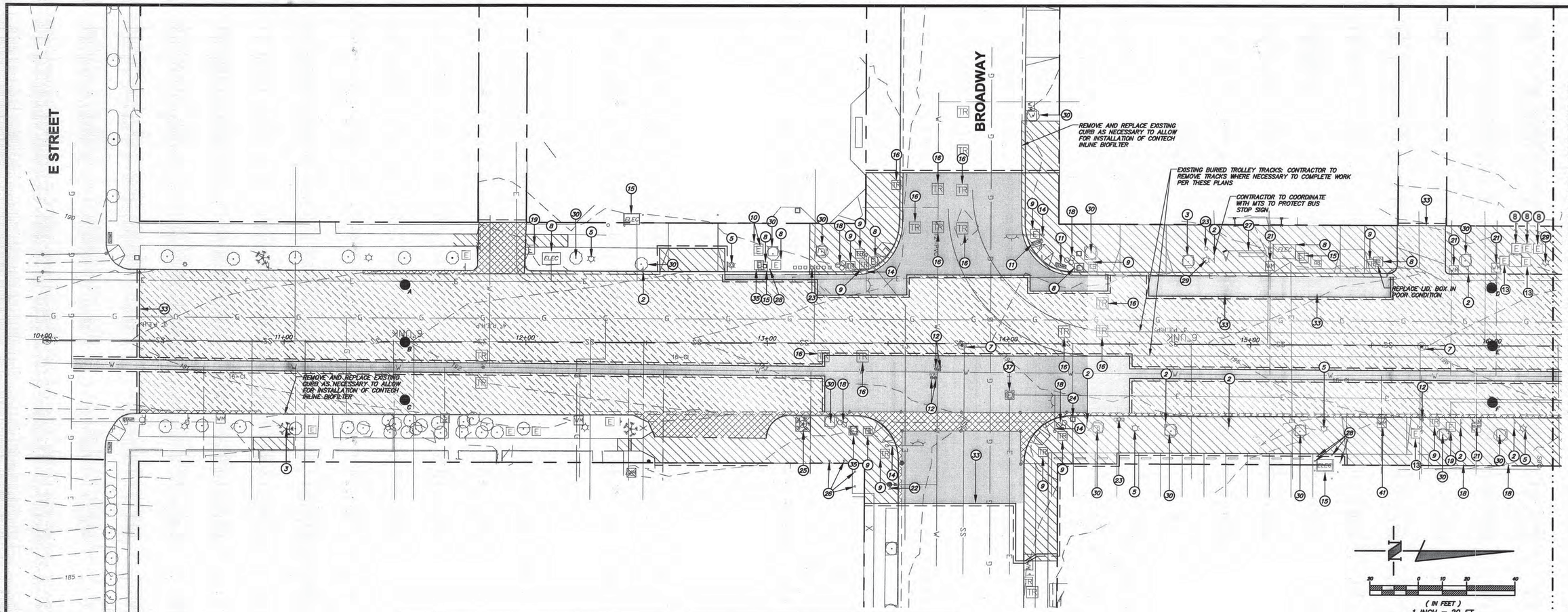
CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

CITY OF SAN DIEGO
PUBLIC WORKS PROJECT

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH ____ MEDIUM X LOW ____ SPEC. NO. 5524



NOTE:
TRENCHING FOR WATER SERVICE LATERALS WILL BE NECESSARY FROM NEW WATER MAIN TO METER LOCATIONS. SEE WATER GROUP JOB 960 PLANS FOR WATER METER AND LATERAL LOCATIONS.

EXISTING FEATURES

- EXISTING WATER LINE
- EXISTING WATER LATERAL
- WM EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- DS EXISTING DOWN SPOUT
- SS EXISTING SEWER
- EXISTING SEWER LATERAL
- EXISTING SEWER MANHOLE
- GM EXISTING GAS METER
- EXISTING TRAFFIC SIGNAL
- EXISTING LIGHT POLE
- EXISTING STREET LIGHT
- TEL EXISTING TELEPHONE MANHOLE
- EXISTING STREET SIGN
- G EXISTING GAS LINE
- E EXISTING CONCRETE PILLAR
- EXISTING PG&E UTILITY BOX
- EXISTING SPLICE BOX
- EXISTING EDISON UTILITY BOX
- EXISTING TREE
- ELEC EXISTING ELECTRICAL BOX
- EXISTING VENT
- SL EXISTING STREET LIGHT
- CATV EXISTING CABLE TELEVISION BOX
- TR EXISTING UTILITY CABINET
- TR EXISTING TRAFFIC LOOP
- EXISTING TROLLEY TRACKS

DEMOLITION KEY

1. EXISTING FIRE HYDRANT TO BE REPLACED. SEE SHEET 24 & 26 FOR DETAILS
2. RELOCATE SIGN PER CONSTRUCTION PLANS
3. EXISTING TREE TO BE REMOVED
4. PROTECT EXISTING BACKFLOW PREVENTOR AND ADJUST TO FINISHED GRADE, RELOCATE AS NEEDED
5. PROTECT EXISTING STREET LIGHT POLE
6. PROTECT WATER METER IN PLACE AND ADJUST TO FINISHED GRADE. IF BOX IS DAMAGED, REPLACE WITH NEW METER BOX.
7. PROTECT EXISTING MANHOLE IN PLACE AND ADJUST TO FINISHED GRADE
8. PROTECT EXISTING SDGE ELECTRICAL BOX AND ADJUST TO FINISHED GRADE
9. PROTECT EXISTING TRAFFIC SIGNAL PULL BOX AND ADJUST TO FINISHED GRADE, REPLACE IF DAMAGED
10. PROTECT EXISTING STREET LIGHT BOX AND ADJUST TO FINISHED GRADE, REPLACE IF DAMAGED
11. REMOVE AND REINSTALL HISTORICAL STAMP PER CITY OF SD STD. SDG-115
12. PROTECT WATER VALVE IN PLACE AND ADJUST TO FINISHED GRADE
13. PROTECT EXISTING CABLE TELEVISION BOX AND ADJUST TO FINISHED GRADE
14. PROTECT EXISTING TRAFFIC SIGNAL POLE IN PLACE
15. PROTECT EXISTING SDGE UTILITY CABINET
16. REMOVE TRAFFIC LOOP DETECTOR WIRE. REPLACE PER TRAFFIC SIGNAL MODIFICATION PLANS
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42. EXISTING WATER METER TO BE ABANDONED. SEE SHEETS 24 & 25 FOR DETAILS

PAVEMENT CORING LEGEND

- A 8" AC / NATIVE SUBGRADE
- B 10" AC / NATIVE SUBGRADE
- C 8" AC / NATIVE SUBGRADE
- D 4" AC / 6" PCC NATIVE SUBGRADE
- E 6" AC / 10" PCC NATIVE SUBGRADE
- F 5" AC / 6" PCC NATIVE SUBGRADE
- G 6" AC / 6" PCC NATIVE SUBGRADE
- H 5" AC / 7" PCC NATIVE SUBGRADE
- I 6" AC / 6" PCC NATIVE SUBGRADE

LEGEND

- REMOVE AND DISPOSE OF FULL ROAD SECTION
- VARIABLE DEPTH PROFILE MILL EXISTING ASPHALT CONCRETE SURFACE
- REMOVE AND DISPOSE OF CONCRETE SIDEWALK, BASE ROCK, CURB, AND/OR GUTTER. OVER-EXCAVATE 6" IN CONCRETE INTERLOCKING PAVING AREA
- REMOVE AND DISPOSE OF CONCRETE CROSS GUTTER AND/OR CONCRETE PAVEMENT
- APPROX. LOCATION OF PAVEMENT CORING (NOVEMBER 17, 2010)

ENGINEER OF RECORD:
REGISTERED PROFESSIONAL ENGINEER GERALD L. MIRACLE No. 38895 CIVIL STATE OF CALIFORNIA
DATE: 4/28/13

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

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D-1

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT DEMOLITION PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 2 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

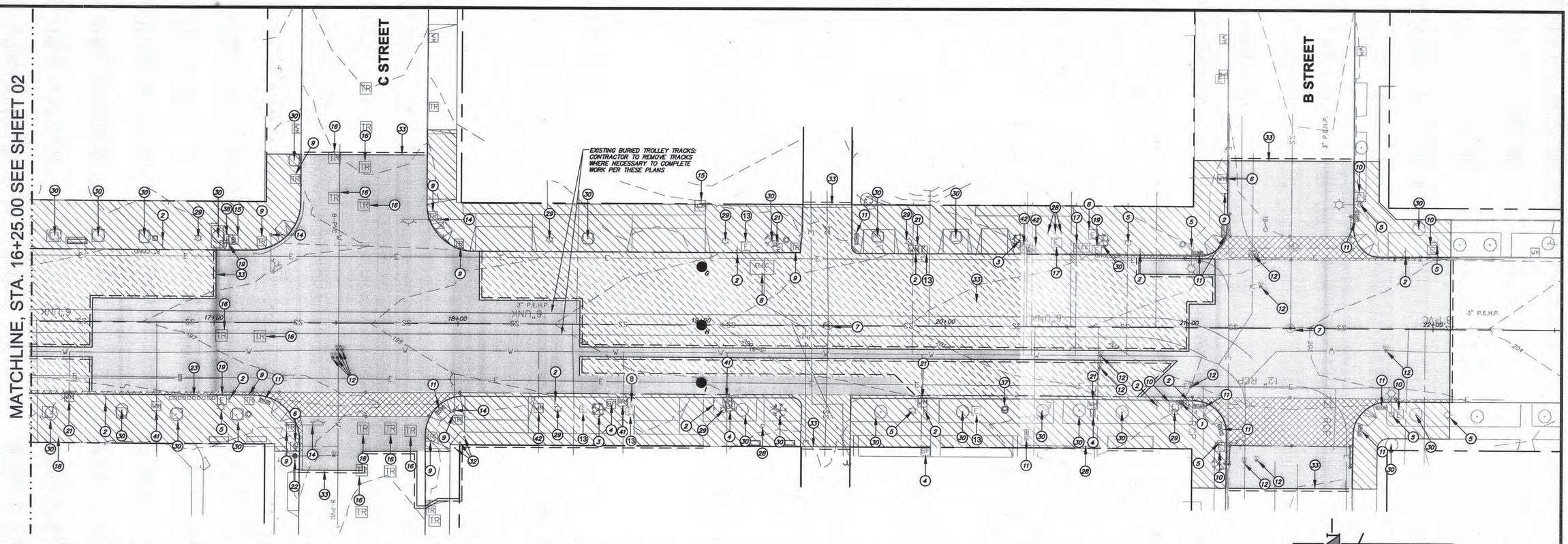
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-02-D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

Apr 29, 2013 - 10:27am N:\2008\1408525-25th-Renaissance\Engineering\ConDocs\Sheet-Files\100%-Submittal\1408525-DM-100.dwg



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- EXISTING WATER VALVE
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- EXISTING DOWN SPOUT
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- EXISTING GAS METER
- EXISTING TRAFFIC SIGNAL
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- EXISTING STREET LIGHT
- EXISTING TELEPHONE MANHOLE
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- A: 8" AC / NATIVE SUBGRADE
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- REMOVE AND DISPOSE OF CONCRETE CROSS GUTTER AND/OR CONCRETE PAVEMENT
- APPROX. LOCATION OF PAVEMENT CORING (NOVEMBER 17, 2010)

20 0 10 20 40

(IN FEET)
1 INCH = 20 FT.

NOTE:
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D-2

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT DEMOLITION PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 3 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER
200-1725
CCS27 COORDINATE
6286407-1838444
CCS83 COORDINATE
36515-03-D

CONTRACTOR
INSPECTOR
DATE STARTED
DATE COMPLETED

ENGINEER OF RECORD: REGISTERED PROFESSIONAL ENGINEER GERALD L. MCCAFFREY No. 38895 CIVIL STATE OF CALIFORNIA
DATE: 4/28/13

CAUTION!!
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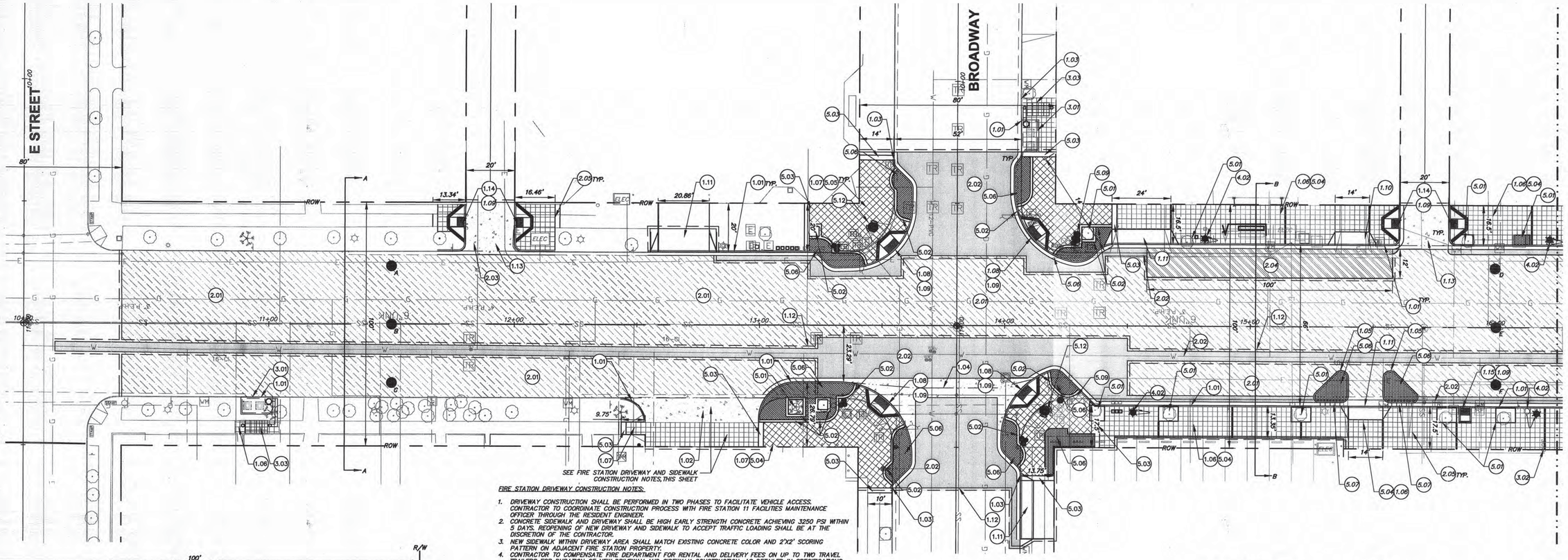

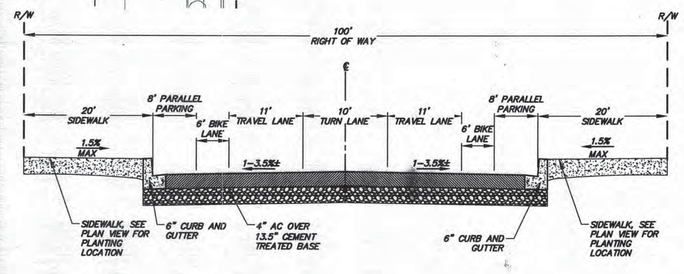

A — 25TH STREET TYPICAL SECTION: PARALLEL PARKING EAST AND WEST SIDE

NTS

FIRE STATION DRIVEWAY CONSTRUCTION NOTES:

1. DRIVEWAY CONSTRUCTION SHALL BE PERFORMED IN TWO PHASES TO FACILITATE VEHICLE ACCESS. CONTRACTOR TO COORDINATE CONSTRUCTION PROCESS WITH FIRE STATION 11 FACILITIES MAINTENANCE OFFICER THROUGH THE RESIDENT ENGINEER.
2. CONCRETE SIDEWALK AND DRIVEWAY SHALL BE HIGH EARLY STRENGTH CONCRETE ACHIEVING 3250 PSI WITHIN 5 DAYS. REOPENING OF NEW DRIVEWAY AND SIDEWALK TO ACCEPT TRAFFIC LOADING SHALL BE AT THE DISCRETION OF THE CONTRACTOR.
3. NEW SIDEWALK WITHIN DRIVEWAY AREA SHALL MATCH EXISTING CONCRETE COLOR AND 2'X2' SCORING PATTERN ON ADJACENT FIRE STATION PROPERTY.
4. CONTRACTOR TO COMPENSATE FIRE DEPARTMENT FOR RENTAL AND DELIVERY FEES ON UP TO TWO TRAVEL TRAILERS FOR DURATION OF NEW DRIVEWAY AND SIDEWALK CONSTRUCTION, AS DETAILED IN SPECIFICATIONS SECTION 7-10.1.1.1.
5. DRIVEWAY AND SIDEWALK CONCRETE PAVING SECTION SHALL BE 7.5" PCC OVER 4" CLASS II BASE WITH #4 REBAR AT 18" O.C. ON COMPACTED NATIVE SUBGRADE.

KEYNOTE	DESCRIPTION	REMARKS
1.0 – SITE WORK		
1.01	CONSTRUCT 6" CURB AND GUTTER	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG 151
1.02	CONSTRUCT COMMERCIAL DRIVEWAY (MODIFIED)	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-163 AND NOTES ON THIS SHEET
1.03	JOIN EXISTING CURB AND GUTTER	SEE DETAIL 1 SHEET 09
1.04	INSTALL CROSS GUTTER	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-157
1.05	CONSTRUCT MEDIAN CURB TYPE B1	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-154
1.06	CONSTRUCT CONTIGUOUS SIDEWALK SECTION	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-155
1.07	CONSTRUCT NON CONTIGUOUS SIDEWALK SECTION	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-155
1.08	CONSTRUCT CURB RAMP TYPE A	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-132. DETECTABLE WARNING TILES (DWT) SHALL BE 36" DEEP X FULL WIDTH OF RAMP OPENING. DWT TO BE STAINLESS STEEL PER THE CITY'S AML
1.09	INSTALL TRUNCATED DOMES	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-130
1.10	CONSTRUCT DRIVEWAY	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-159
1.11	CONSTRUCT DRIVEWAY	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-160
1.12	SAWCUT	SEE DETAIL 4 SHEET 09
1.13	CONSTRUCT ALLEY APRON	SEE SAN DIEGO REGIONAL STANDARD SDG-120
1.14	CONSTRUCT CURB RAMP TYPE D	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-136
1.15	CONSTRUCT CURB RAMP CASE A	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-130
2.01	INSTALL VARIABLE THICKNESS AC OVERLAY.	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-106 AND DETAIL 4 SHEET 09
2.02	CONSTRUCT NEW PAVING	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-113, STANDARD SECTION 4" AC OVER 13.5" CTB
2.03	CONSTRUCT CONCRETE PAVEMENT, ALLEY SECTION	SEE SAN DIEGO REGIONAL STANDARD DRAWING G-21
2.04	INSTALL BUS STOP SLAB	SEE SAN DIEGO REGIONAL STANDARD DRAWING SDG-102 9" CONC. OVER 10" CTB
2.05	CONCRETE EXPANSION JOINT	SEE SAN DIEGO REGIONAL STANDARD DRAWING G-10

KEYNOTE	DESCRIPTION	REMARKS
3.00 – STORM DRAINAGE		
3.01	INSTALL CONTECH INLINE BIOFILTER	SEE DETAIL 2 SHEET 09
3.02	INSTALL SIDEWALK UNDERDRAIN	SEE SAN DIEGO REGIONAL STANDARD DRAWING D-27
3.03	INSTALL ECORAIN TANK MODULES AND CONNECT TO CONTECH INLINE BIOFILTER	SEE DETAIL 6, SHEET 09, 4X4 "TRIPLE" TANK MODULE CONFIGURATION
4.00 – UTILITIES		
4.01	REPLACE FIRE HYDRANT	PER SDW 104 AND WATER JOB 960 PLANS
4.02	RELOCATE PEDESTRIAN LIGHT AND PULL BOX	
4.03	RELOCATE TRAFFIC LIGHT AND PULL BOX PER TRAFFIC PLAN	
5.00 – SITE FURNISHINGS AND EQUIPMENT		
5.01	TREE WELLS	
5.02	12" CONCRETE CURB EDGE	SEE DETAIL C SHEET 10
5.03	24" CONCRETE CURB EDGE	SEE DETAIL D SHEET 10
5.04	CONCRETE SCORE PATTERN A	SEE DETAIL E SHEET 10
5.05	CONCRETE SCORE PATTERN B	SEE DETAIL A SHEET 10
5.06	PAVERS OVER FUTURE PLANTER	SEE DETAIL F SHEET 10
5.07	HEAVY DUTY TRENCH COVER GRATE	NEENAH BOLTED R-4999-FX OR APPROVED EQUAL. SEE DETAIL 3, SHEET 9. 4 GRATES PER APPLICATION. (8 TOTAL)
5.08	NOT USED	
5.09	EXISTING TRASH RECEPTACLE RELOCATION	
5.10	EXISTING BENCH RELOCATION	IF EXISTING BENCH IS NOT ACCESSIBLE, EITHER REPLACE OR INSTALL AN ADDITIONAL ACCESSIBLE BENCH
5.11	EXISTING NEWS RACK RELOCATION	
5.12	INSTALL GOLDEN HILL EMBLEM	SEE DETAIL G SHEET 10

PAVEMENT CORING LEGEND

- A — 8" AC NATIVE SUBGRADE
- B — 10" AC NATIVE SUBGRADE
- C — 8" AC NATIVE SUBGRADE
- D — 4" AC + 6" PCC NATIVE SUBGRADE
- E — 6" AC + 10" PCC NATIVE SUBGRADE
- F — 5" AC + 6" PCC NATIVE SUBGRADE
- G — 6" AC + 8" PCC NATIVE SUBGRADE
- H — 5" AC + 7" PCC NATIVE SUBGRADE
- I — 6" AC + 6" PCC NATIVE SUBGRADE

LEGEND

- INSTALL 4" AC OVER 13.5" CTB
- VARIABLE DEPTH ASPHALT CONCRETE OVERLAY
- INSTALL CONCRETE SIDEWALK
- INSTALL CONCRETE SIDEWALK
- INSTALL CONCRETE CROSS GUTTER
- INSTALL CONCRETE BUS PAD
- PAVERS OVER FUTURE PLANTER
- X — APPROX. LOCATION OF PAVEMENT CORING (NOVEMBER 17, 2010)

20 0 10 20 40

(IN FEET)
1 INCH = 20 FT.

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER — GERALD L. MCCALL — No. 38895 — CIVIL — STATE OF CALIFORNIA

DATE: 4/28/13

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

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C-1

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT STREET IMPROVEMENTS PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 4 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 3/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

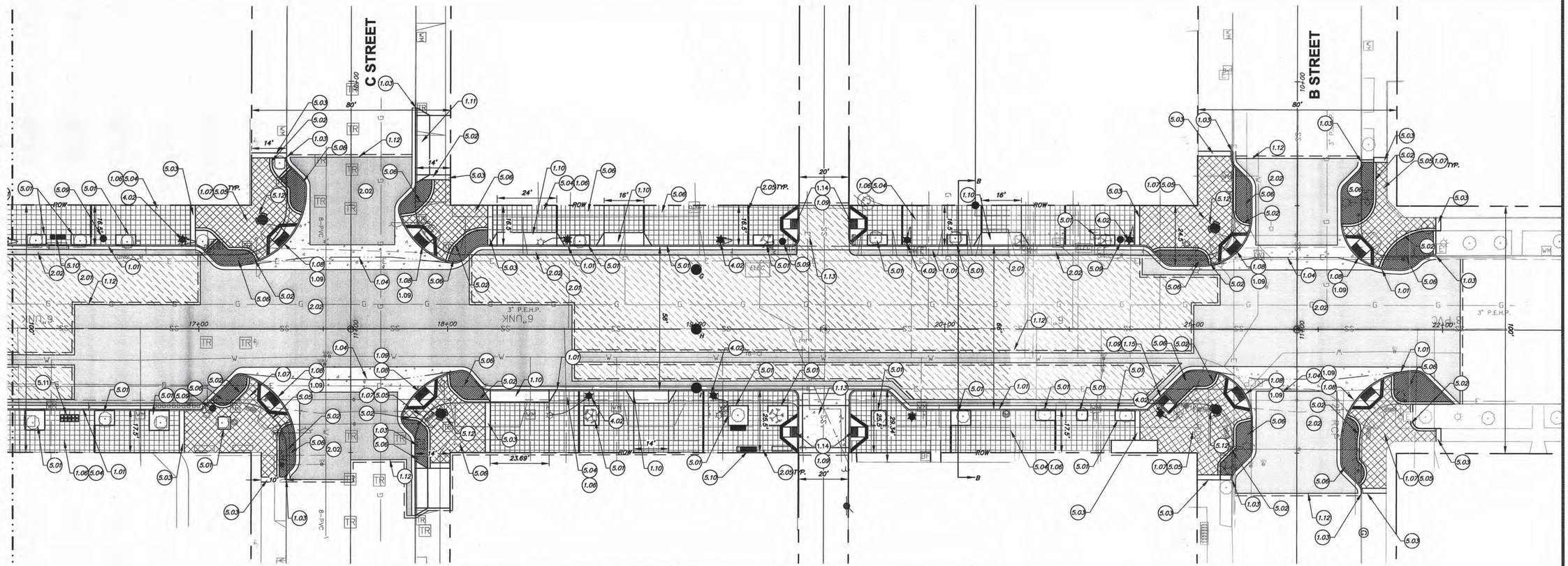
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

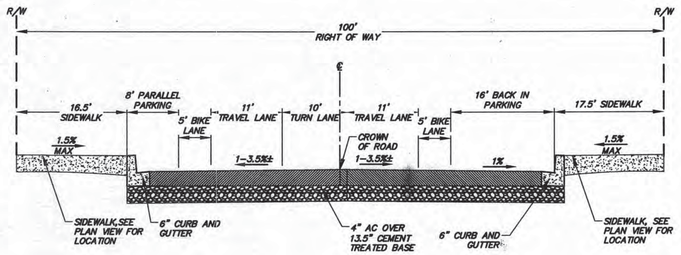
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-04-D

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

Apr 28, 2013 - 10:42am N:\2008\1408525-25th-Renaissance\Engineering\ConDocs\Sheet-Files\100%-Submittal\1408525-Streetimprovement.dwg

MATCHLINE, STA. 16+25.00 SEE SHEET 04





B 25TH STREET TYPICAL SECTION: BACK IN PARKING EAST SIDE AND PARALLEL PARKING WEST SIDE

NTS

KEYNOTE	DESCRIPTION	REMARKS
1.0 – SITE WORK		
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- PAVERS OVER FUTURE PLANTER
- X — APPROX. LOCATION OF PAVEMENT CORING (NOVEMBER 17, 2010)

20 0 10 20 40

(IN FEET)
1 INCH = 20 FT.

C-2

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER GERALD L. MICHEL No. 38895 CIVIL STATE OF CALIFORNIA

DATE: 4/28/13

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

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A California Corporation | Victor Montgomery, Architect RC11000 | Jerry Michel, PE 038895, LS 8078 | Jeff Ferber, LA 6264

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT STREET IMPROVEMENTS PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 5 OF 29 SHEETS

APPROVED: FOR CITY ENGINEER — DATE 8/1/13

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

36515-05-D

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

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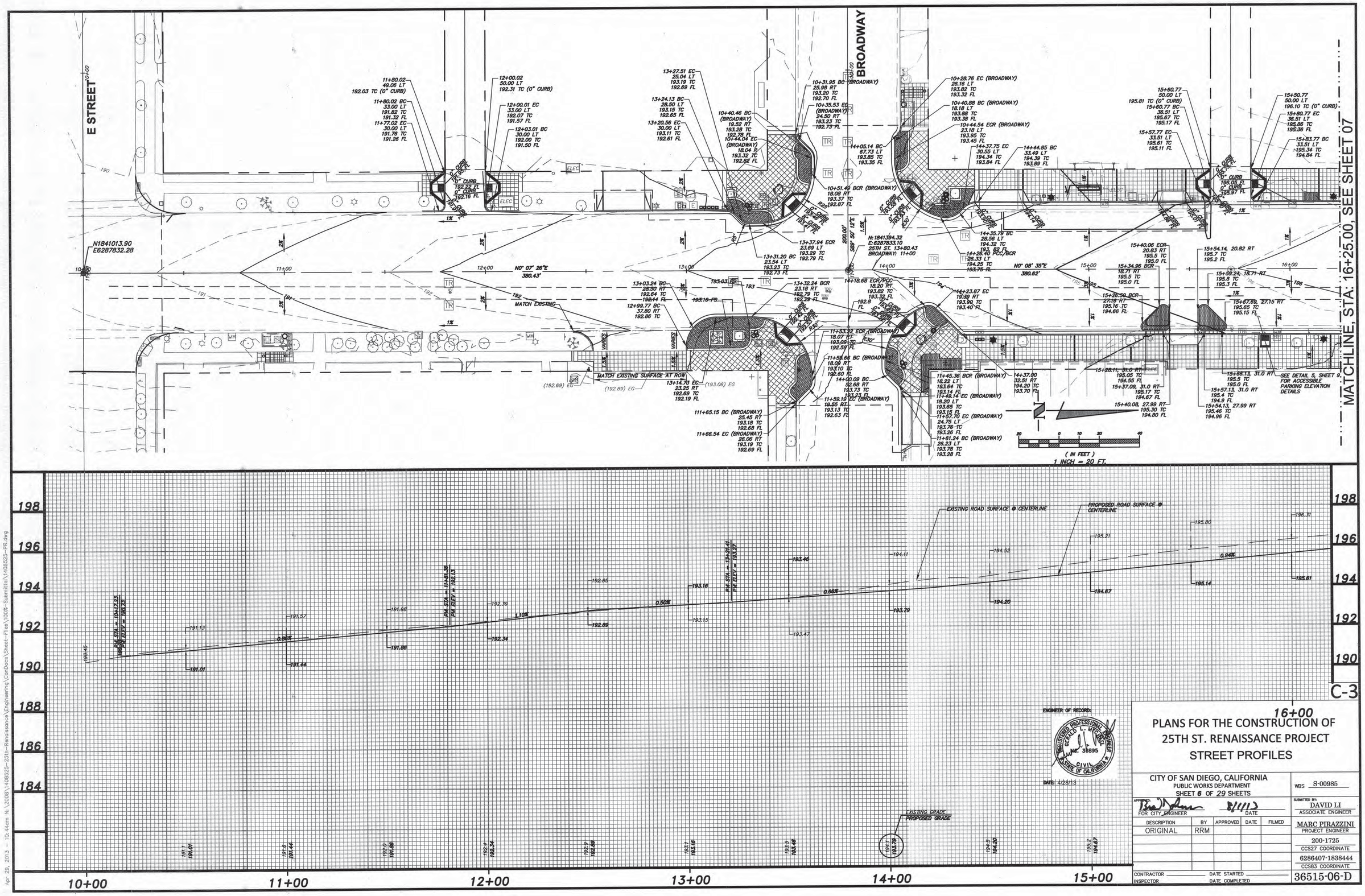

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER GERALD L. MYCZEK No. 36895 CIVIL STATE OF CALIFORNIA

DATE 4/28/13

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT STREET PROFILES

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 6 OF 29 SHEETS

APPROVED: FOR CITY ENGINEER — DATE 8/1/13

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

36515-06-D

C-3

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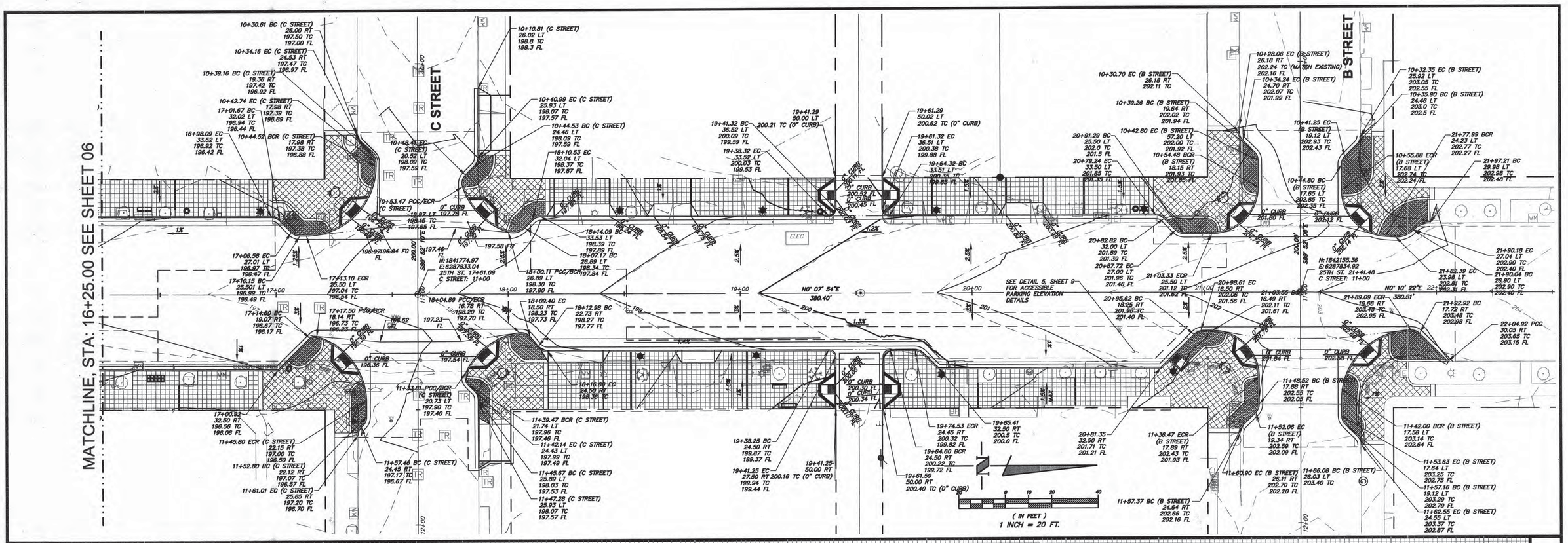

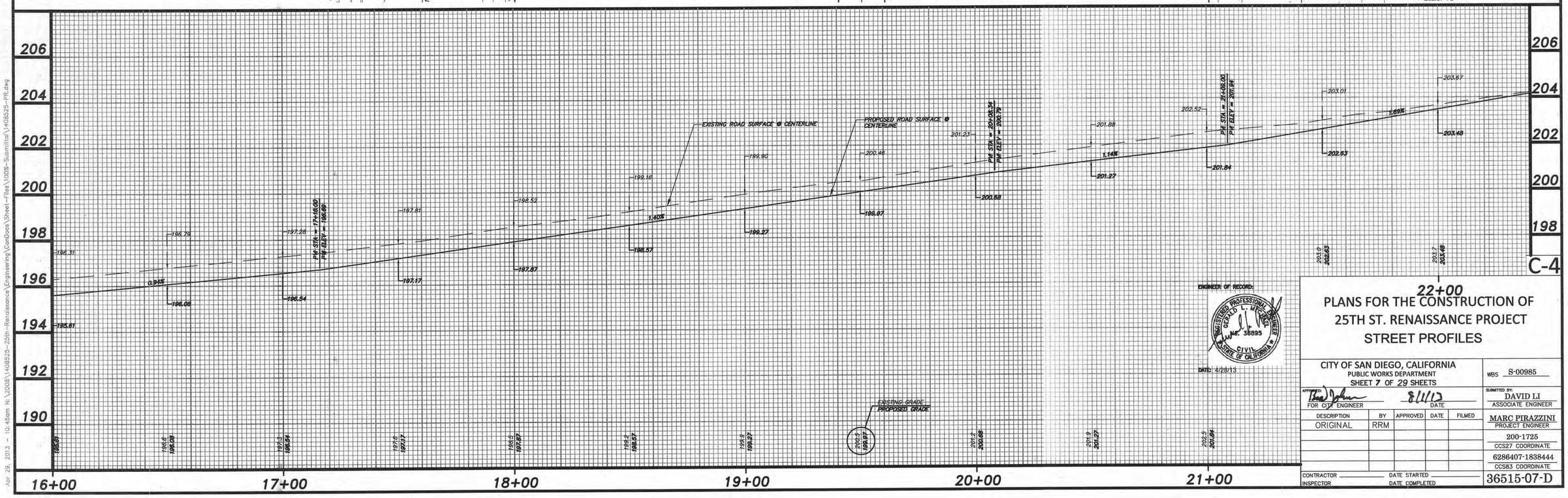

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER GERALD L. MITCHELL No. 38895 CIVIL STATE OF CALIFORNIA

DATE: 4/28/13

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT STREET PROFILES

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 7 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725

CCS27 COORDINATE

6286407-1838444

CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____

INSPECTOR _____ DATE COMPLETED _____

36515-07-D

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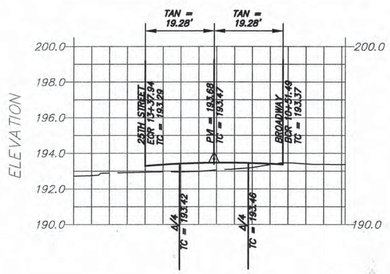
CURB RETURN PROFILE @ 25TH AND BROADWAY SOUTHWEST



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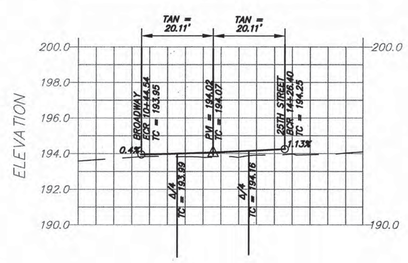

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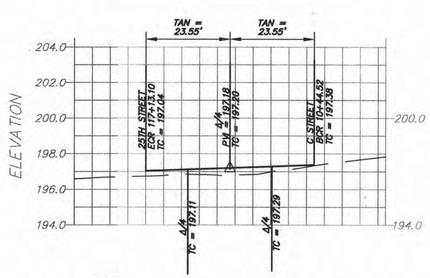

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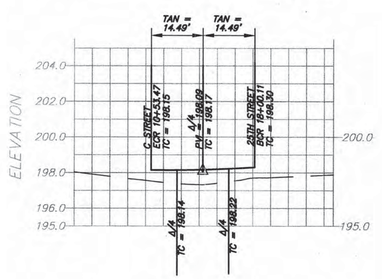

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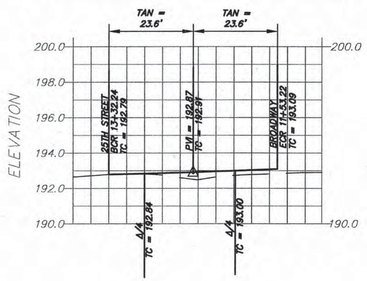

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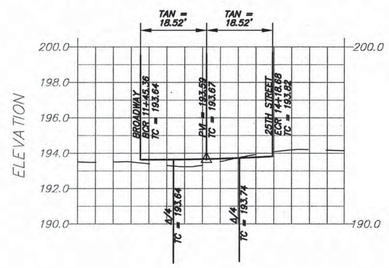

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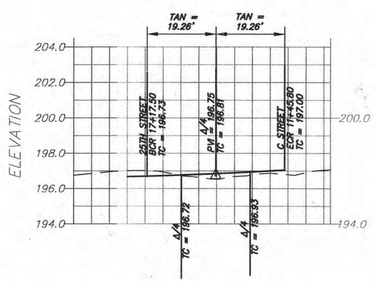

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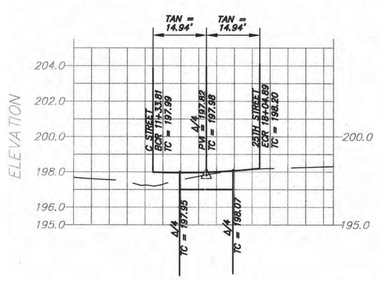

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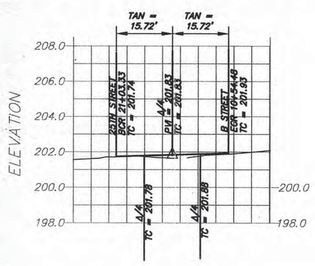

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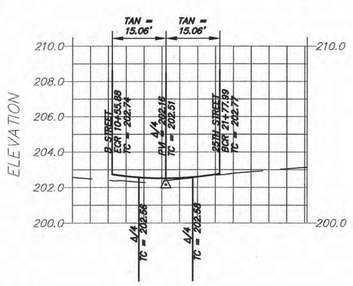

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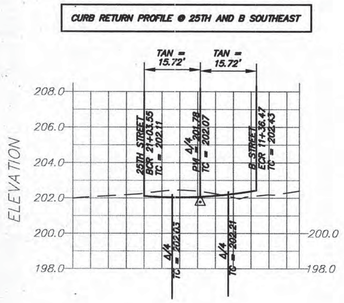

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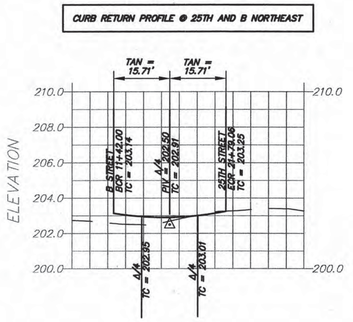

PROFILE SCALES:
HORIZONTAL: 1"= 20'
VERTICAL: 1"= 4'

C-5

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT CURB RETURN PROFILE

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 8 OF 29 SHEETS

WBS S-00985

APPROVED: _____ FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-08-D

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

ENGINEER OF RECORD:
REGISTERED PROFESSIONAL ENGINEER
GERALD L. MICELI
No. 38895
CIVIL
STATE OF CALIFORNIA

DATE: 4/28/13

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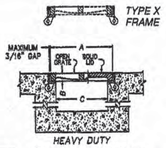
A California Corporation | Victor Montgomery, Architect #C11090 | Jerry Michel, PE #39885, LS #8270 | Jeff Fisher, LA #3844

Apr 29, 2013 - 10:47am N:\2008\1408525-25th-Renaissance\Engineering\ConDocs\Sheet-Files\100%-Submittal\1408525-CR.dwg

R-4990 and R-4999 Series
Heavy Duty Trench

Materials: All frames and grates/lids are furnished standard in gray iron, Class 35-B for heavy-duty use. For extra heavy-duty use or superior durability requirements, see our Airport and Port Grating Series on page 198 and our **R-4093 & R-4094 Series** on page 269.

Neenah recommends project designers avoid the use of light duty trench installations because it is likely that applications will be subjected to heavy delivery vehicle traffic at some time. Furthermore, the use of a site could be changed to heavy duty use patterns at some unanticipated future date.

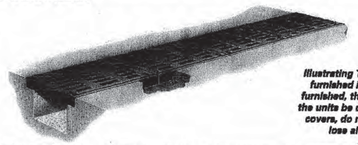


General schematic shown may not apply to all designs. Bar and rib depths, plate thicknesses, and seating widths vary on different sizes and styles. If your project has design restrictions, contact your sales representative or product engineering.

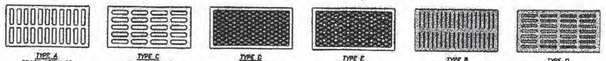
Dimensions in inches

Un-Bolted Catalog No.	Bolted Catalog No.	A	B	C	Type A	Type C	Type D	Type E	Type P	Type Q
R-4990-AX	R-4999-AX	8	1 1/2	6	x	x	x	x	x	
R-4990-BX	R-4999-BX	10	1 1/2	8	x	x	x	x	x	
R-4990-CX	R-4999-CX	12	1 1/2	10	x	x	x	x	x	x
R-4990-DX	R-4999-DX	14	1 1/2	12	x	x	x	x	x	x
R-4990-EX	R-4999-EX	17	1 1/2	15	x	x	x	x	x	
R-4990-FX	R-4999-FX	20	1 1/2	18	x	x	x	x	x	
R-4990-GX	R-4999-GX	23	1 1/2	21	x	x	x			
R-4990-HX	R-4999-HX	26	1 1/2	24	x	x	x	x		x
R-4990-JX	R-4999-JX	30	2	27	x	x	x			
R-4990-KX	R-4999-KX	33	2	30	x	x	x	x		
R-4990-LX	R-4999-LX	36	2	33	x	x	x			
R-4990-MX	R-4999-MX	39	2	38	x	x	x			
R-4990-NX	R-4999-NX	45	2	42	x	x	x			
R-4990-OX	R-4999-OX	51	2	48	x		x			

x - Indicates availability

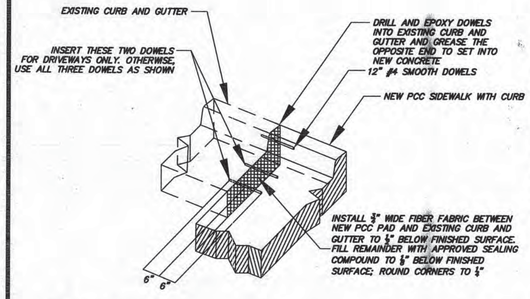


Illustrating Type C bolted trench. Bolted trench sections are furnished in 24" standard lengths. When bolted trench is furnished, they are shipped assembled – AT NO TIME should the units be disassembled during installation. When removing covers, do not mix or rotate 180 degrees as bolt holes may lose alignment and improper bearing may occur.



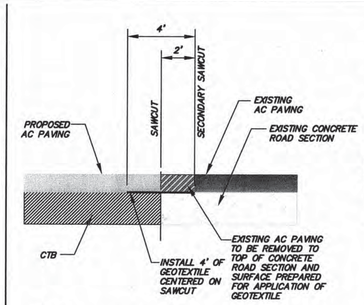
3 HEAVY DUTY TRENCH COVER PLATE

NTS



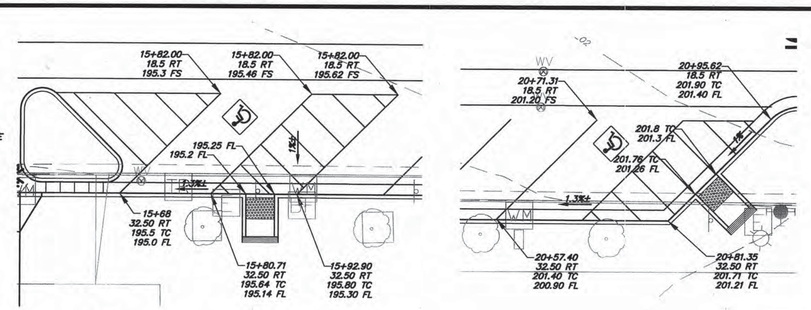
1 CURB & GUTTER TIE-IN DETAIL

NTS



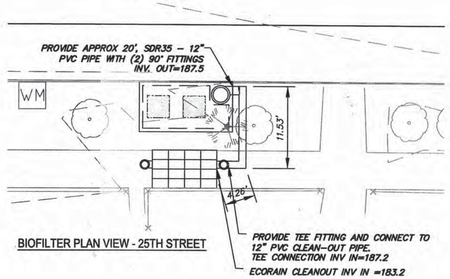
4 SAWCUT DETAIL

NTS

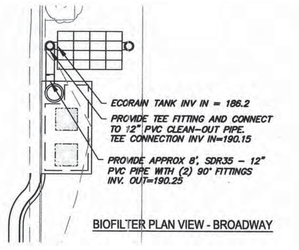


5 ACCESSIBLE PARKING ELEVATION DETAILS

1"=10'



BIOFILTER PLAN VIEW - 25TH STREET

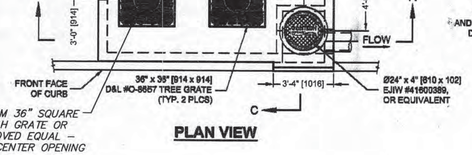


BIOFILTER PLAN VIEW - BROADWAY

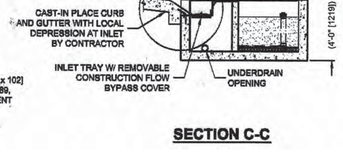
BIOFILTER DESIGN NOTES

THE URBANGREEN BIOFILTER IS AVAILABLE IN A RIGHT (AS SHOWN) OR LEFT CONFIGURATION. THE SYSTEM TREATMENT CAPACITY IS DETERMINED BY THE TREATMENT RATE OF THE BIOFILTRATION MEDIA. THE SYSTEM IS DESIGNED WITH AN INTERNAL BYPASS. THE CAPACITY OF THE INTERNAL BYPASS IS A FUNCTION OF THE ALLOWABLE DEPTH OF FLOW AT THE CURB FACE, CONFIGURATION OF CURB INLET (SAG OR ON-GRADE) AND ROADWAY AND GUTTER GEOMETRY WHICH ARE TYPICALLY GOVERNED BY LOCAL REGULATIONS. SEE THE URBANGREEN BIOFILTER DESIGN, OPERATION, AND PERFORMANCE GUIDE FOR MORE INFORMATION.

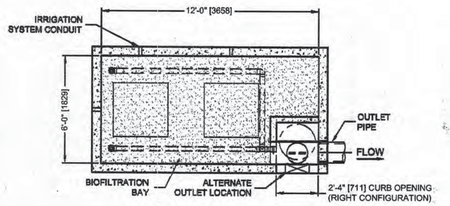
BIOFILTRATION MEDIA INFILTRATION RATE OPTIONS	50 in/hr	100 in/hr



PLAN VIEW



SECTION C-C



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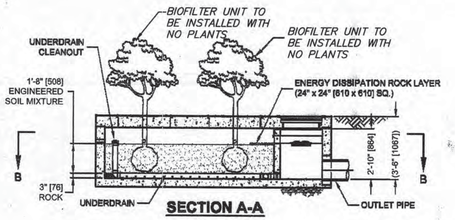
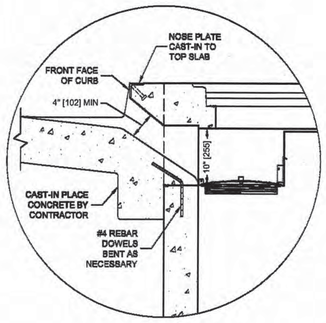


SECTION A-A



CURB INLET DETAIL

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID			*
SYSTEM TREATMENT CAPACITY (CFS / l/s)			*
WATER QUALITY FLOW RATE (CFS / l/s)			*
PEAK FLOW RATE (CFS / l/s)			*
RETURN PERIOD OF PEAK FLOW (YRS)			*
PIPE DATA:	I.E.	MATERIAL	DIAMETER
OUTLET PIPE	*	*	*
BIOFILTRATION MEDIA INFILTRATION RATE			*
CURB OPENING ORIENTATION			*
TOP OF CURB ELEVATION			*
ANTI-FLOTATION BALLAST IF REQUIRED	WIDTH *	HEIGHT *	
NOTES/SPECIAL REQUIREMENTS:			

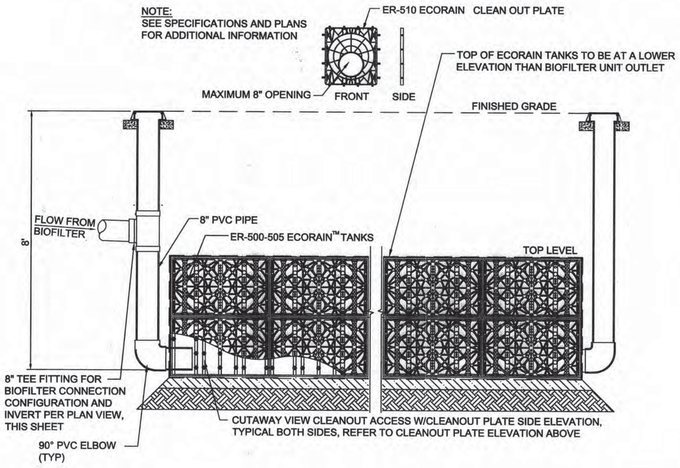
* PER ENGINEER OF RECORD

GENERAL NOTES

1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. PLANTS ARE SUPPLIED BY CONTECH & DELIVERED AT TIME OF SYSTEM ACTIVATION. PLANT SELECTION SHALL BE DONE BY THE ENGINEER OF RECORD IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
3. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
4. FOR FABRICATION DRAWINGS WITH DETAILED VAULT DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS INC REPRESENTATIVE. www.contech-cpi.com
5. URBANGREEN BIOFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
6. STRUCTURE SHALL MEET 300 PSF PEDESTRIAN LOAD RATING WITH HS20 SURCHARGE. MANHOLE COVERS SHALL MEET AASHTO M306.
7. ALTERNATE UNITS [ ] ARE MILLIMETERS UNLESS NOTED OTHERWISE.

INSTALLATION NOTES

A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE URBANGREEN BIOFILTER VAULT (LIFTING CLUTCHES PROVIDED). SPREADER BAR WITH SUFFICIENT CABLE IS REQUIRED FOR SAFETY AND REDUCTION OF DAMAGE TO CONCRETE STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL VAULT SECTIONS AND ASSEMBLE VAULT.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH OUTLET PIPE INVERT WITH OUTLET BAY FLOOR.
E. CONTRACTOR TO SUPPLY AND INSTALL INLET PROTECTION BAR IF REQUIRED BY LOCAL JURISDICTION.
F. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT BIOFILTRATION AND OUTLET BAY FROM CONSTRUCTION-RELATED EROSION RUNOFF.
G. CONTECH IS RESPONSIBLE FOR ACTIVATION OF THE SYSTEM AND PLANTING OF THE PLANT THAT IS SPECIFIED. ACTIVATION ONLY OCCURS WHEN THE SITE IS FULLY STABILIZED, FINAL PAVEMENT INSTALLED AND SWEPT CLEAN OF CONSTRUCTION SEDIMENT.
H. ALL BIOFILTER UNITS MUST BE WATERED BY IRRIGATION LINES OR SPRINKLER SYSTEMS ON A REGULAR BASIS. EACH BIOFILTER UNIT INCLUDES IRRIGATION HOLES FOR NEW OR EXISTING IRRIGATION LINES.



6 ECORAIN CROSS SECTION THROUGH ECORAIN TANK W/ CLEANOUT ACCESS AND PLAN VIEWS

PLAN VIEW: 1"=10'

2 CONTECH INLINE BIOFILTER

NTS

URBANGREEN

CONTECH CONSTRUCTION PRODUCTS INC.
contech-cpi.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1999 513-645-7000 513-645-7993 FAX

BIOFILTER INLINE STANDARD DETAIL
MODEL: UGBF0612
42" DEPTH

ENGINEER OF RECORD:

REGISTERED PROFESSIONAL ENGINEER GERALD L. MICHAEL No. 38895 CIVIL STATE OF CALIFORNIA

DATE: 4/28/13

CAUTION!!
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C-6

PLANS FOR THE CONSTRUCTION OF
25TH ST. RENAISSANCE PROJECT
CONSTRUCTION DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 9 OF 29 SHEETS

WBS S-00985

FOR CITY ENGINEER — DATE 8/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

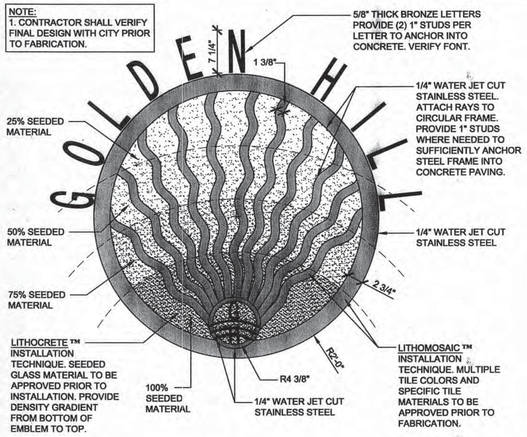
CONTRACTOR — DATE STARTED

INSPECTOR — DATE COMPLETED

36515-09-D

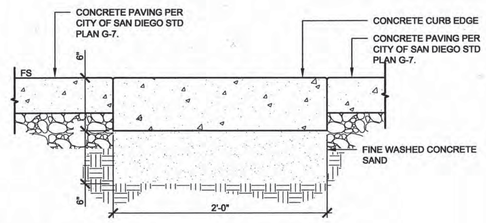
Apr. 29, 2013 – 1:26pm N:\2008\1408525–25th–Renaissance\Engineering\ConDocs\Sheet–Files\100%–Submittal\1408525–DT.dwg

NOTE:
1. CONTRACTOR SHALL VERIFY FINAL DESIGN WITH CITY PRIOR TO FABRICATION.



G GOLDEN HILL EMBLEM

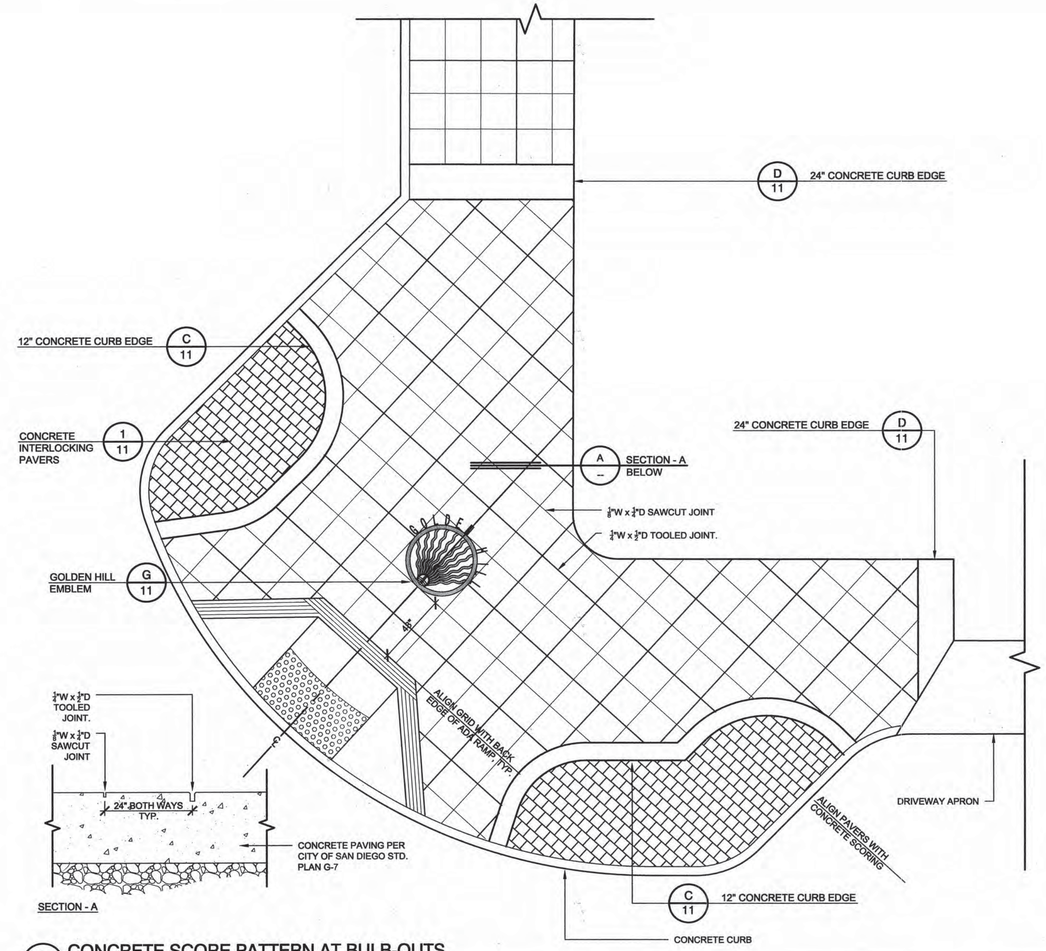
1" = 1'-0" 990101-03



NOTES:
A. 3/8" ASPHALT IMPREGNATED ISOLATION JOINTS SHALL BE PLACED @ 20' O.C. TRIM 1/4" BELOW FINISH SURFACE, TYPICAL.
B. CONTROL JOINTS SHALL BE PLACED @ 10' O.C., TYPICAL.

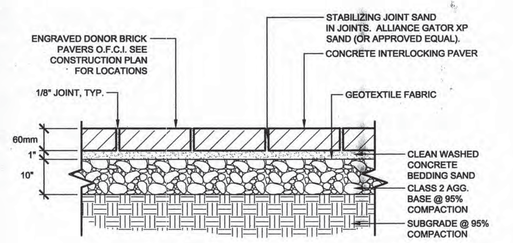
D 24" CONCRETE CURB EDGE

1 1/2" = 1'-0" 321601-20



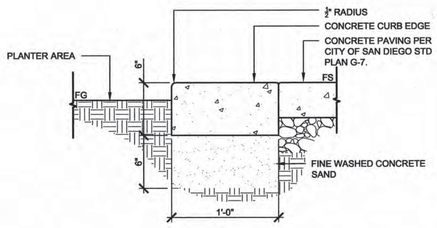
A CONCRETE SCORE PATTERN AT BULB-OUTS

1/4" = 1'-0" 990101-01



F CONCRETE INTERLOCKING PAVERS

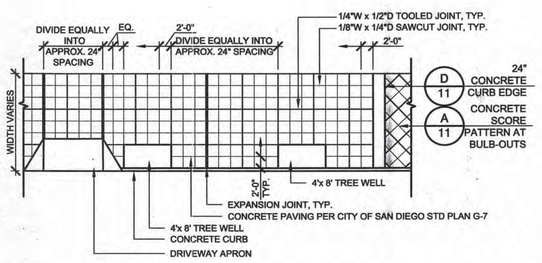
1 1/2" = 1'-0" 321413-95



NOTES:
A. 3/8" ASPHALT IMPREGNATED ISOLATION JOINTS SHALL BE PLACED @ 20' O.C. TRIM 1/4" BELOW FINISH SURFACE, TYPICAL.
B. CONTROL JOINTS SHALL BE PLACED @ 10' O.C., TYPICAL.

C 12" CONCRETE CURB EDGE

1 1/2" = 1'-0" 321601-10



NOTES:
1. SCORING PATTERN SHALL BE SPACED AT 24" O.C. WHERE POSSIBLE. WHERE UNEVEN SPACING OCCURS, DISTANCE SHALL BE DIVIDED EVENLY INTO AS CLOSE A PATTERN TO 24" SPACING AS POSSIBLE.
2. ACTUAL TREE WELL DIMENSIONS MAY VARY IN FIELD BASED ON ACTUAL TREE SIZE AND LOCATIONS. MAINTAIN 2 FT GRID WHEN DETERMINING TREE WELL DIMENSIONS EXCEPT WHERE ACCESSIBLE PATH OF TRAVEL WOULD NARROW BELOW 4 FT IN WIDTH.

E STANDARD CONCRETE SCORING PATTERN

1" = 1'-0" 990101-02

B NOT USED

CAUTION!!
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A California Corporation | Victor Montgomery, Architect #C11590 | Jerry Michael, PE #56960, LS #8278 | Jeff Farber, LA #3944

C-7

PLANS FOR THE CONSTRUCTION OF
25TH ST. RENAISSANCE PROJECT

CONSTRUCTION DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 10 OF 29 SHEETS

APPROVED FOR CITY ENGINEER — DATE 8/14/17

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

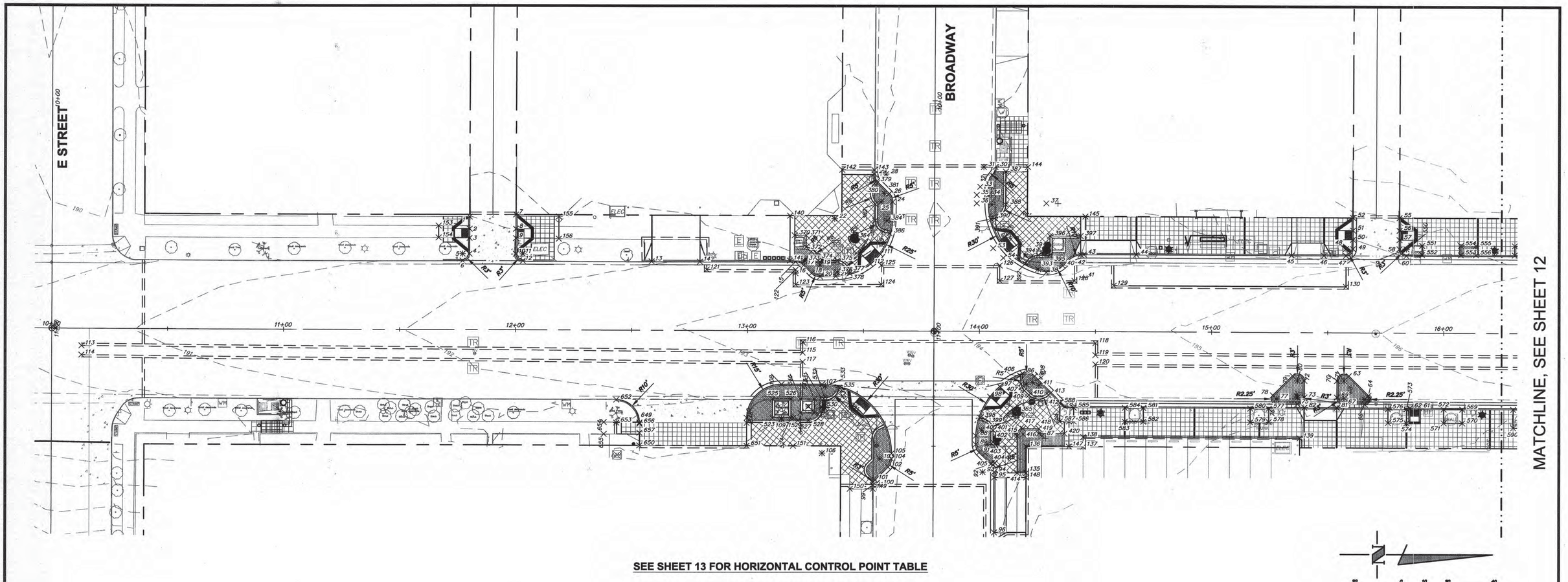
6286407-1838444 CCS83 COORDINATE

CONTRACTOR — DATE STARTED

INSPECTOR — DATE COMPLETED

36515-10-D

Apr 29, 2013 - 9:08am N:\2008\1408525-25th-Renaissance\Planning\ConDocs\1408525-CD.dwg



SEE SHEET 13 FOR HORIZONTAL CONTROL POINT TABLE

C-8

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT HORIZONTAL CONTROL

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 11 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725, CCS27 COORDINATE

6286407-1838444, CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-11-D

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ENGINEER OF RECORD:
REGISTERED PROFESSIONAL ENGINEER GERALD L. MICHEL No. 36895 CIVIL STATE OF CALIFORNIA
DATE: 4/28/13

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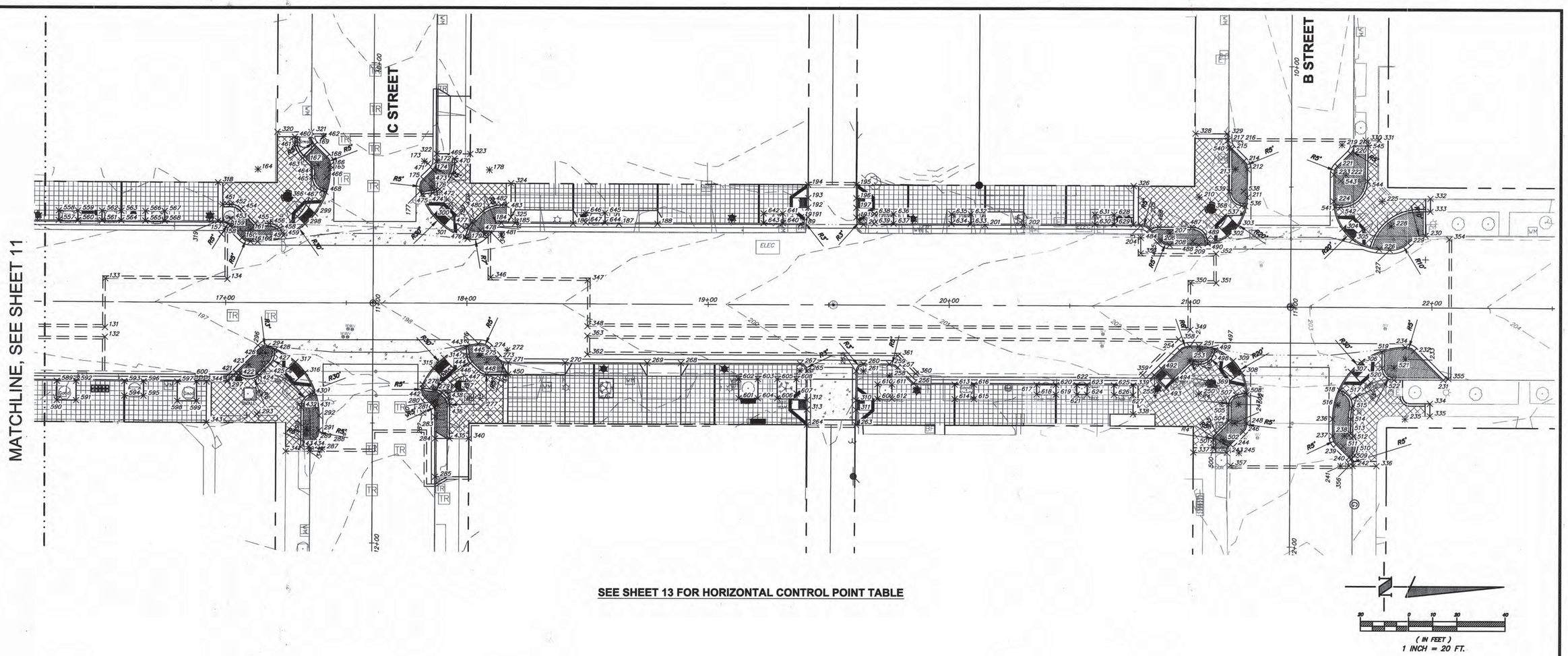
A California Corporation | Victor Montgomery, Architect #C11390 | Jerry Michael, PE #36895, LS #8278 | Jeff Farber, LA #2844

Apr 29, 2013 - 10:53am N:\2008\1408525-25th-Renaissance\Engineering\ConDocs\Sheet-Files\100%-Submittal\1408525-HC.dwg



SEE SHEET 13 FOR HORIZONTAL CONTROL POINT TABLE

C-9

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT HORIZONTAL CONTROL

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 12 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	RRM			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-12-D

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ENGINEER OF RECORD:
REGISTERED PROFESSIONAL ENGINEER GERALD L. MICHELL No. 36895 CIVIL STATE OF CALIFORNIA

DATE: 4/28/13

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Apr 29, 2013 - 10:54am N:\2008\1408525-25th-Renaissance\Engineering\ConDocs\Sheet-Files\100%-Submittal\1408525-HC.dwg

Point Table			
Point #	Raw Description	Northing	Easting
1	TC / MATCH EXISTING	1841194.0338	6287783.6004
2	RAMP	1841194.0225	6287788.8445
3	RAMP	1841194.0139	6287792.8314
4	TC	1841193.9991	6287799.6650
5	RADIUS POINT	1841190.9991	6287799.6585
6	TC	1841190.9926	6287802.6585
7	TC / MATCH EXISTING	1841214.0358	6287782.7083
8	RAMP	1841214.0173	6287788.8724
9	RAMP	1841214.0052	6287792.9014
10	TC	1841213.9848	6287799.7057
11	RADIUS POINT	1841216.9848	6287799.7147
12	TC	1841216.9783	6287802.7147
13	DRIVEWAY	1841272.4648	6287802.8347
14	DRIVEWAY	1841293.3000	6287802.9800
15	TC	1841334.5240	6287802.9689
16	RADIUS POINT	1841334.5131	6287807.9689
17	TC	1841338.0937	6287804.4790
18		1841341.4684	6287807.9413
19	RADIUS POINT	1841345.0490	6287804.4514
20	TC	1841345.1517	6287809.4503
21	TC	1841351.8983	6287809.3117
22	RADIUS POINT	1841351.3845	6287784.3170
23	TC	1841376.3836	6287784.5387
24	TC	1841376.4436	6287777.0664
25	RADIUS POINT	1841371.4437	6287777.0263
26	TC	1841374.9736	6287773.4851
27	TC	1841370.0106	6287768.5378
28	RADIUS POINT	1841373.5405	6287764.9967
29	TC	1841368.5406	6287764.9565
30	TC	1841420.6878	6287761.8979
31	RADIUS POINT	1841415.6877	6287761.8919
32	TC	1841419.2176	6287765.4332
33	TC	1841414.1435	6287770.4911
34	RADIUS POINT	1841417.6734	6287774.0323
35	TC	1841412.6734	6287774.0263
36	TC	1841412.6692	6287777.6183
37	RADIUS POINT	1841442.6690	6287777.6538
38	TC	1841442.6391	6287807.6537
39	TC	1841443.1053	6287797.1975
40	TC	1841449.7694	6287804.6750
41	RADIUS POINT	1841458.7867	6287809.7727
42	TC	1841457.4485	6287799.8623
43	TC	1841458.8415	6287799.7725
44	DRIVEWAY	1841481.4481	6287799.8215
45	DRIVEWAY	1841548.2898	6287799.9799
46	DRIVEWAY	1841582.2898	6287800.0146
47	TC	1841571.7523	6287800.0356
48	RADIUS POINT	1841571.7594	6287797.0356
49	TC	1841574.7594	6287797.0432
50	RAMP	1841574.7695	6287793.0328
51	RAMP	1841574.7795	6287789.0521
52	TC / MATCH EXISTING	1841574.7933	6287783.5465
53	RAMP	1841419.7867	6287797.0546
54	RAMP	1841424.1605	6287801.2637
55	TC / MATCH EXISTING	1841594.7933	6287783.5962
56	RAMP	1841594.7794	6287789.1021
57	RAMP	1841594.7694	6287793.0970
58	TC	1841594.7594	6287797.0899
59	RADIUS POINT	1841597.7594	6287797.0974
60	TC	1841597.7522	6287800.0974
61	RAMP	1841603.4260	6287866.1179
62	RAMP	1841599.4570	6287866.1080
63	TC	1841573.0944	6287852.2541
64	TC	1841581.5276	6287860.7203
65	RADIUS POINT	1841579.9267	6287862.3096
66	TC	1841579.9509	6287864.5624
67	TC	1841570.9509	6287864.5479
68	RADIUSP OINT	1841570.9375	6287861.5406
69	TC	1841567.9375	6287861.5274
70	TC	1841567.9690	6287854.3581
71	RADIUS POINT	1841570.9690	6287854.3713
72	tc	1841553.9160	6287854.3273
73	TC	1841553.9160	6287861.4967
74	RADIUS POINT	1841550.9160	6287861.4967
75	TC	1841550.9087	6287864.4967
76	TC	1841541.9111	6287864.4748
77	RADIUS POINT	1841541.9165	6287862.2248
78	TC	1841540.3294	6287860.6300
79	TC	1841548.7999	6287852.2008
80	RADIUS POINT	1841550.9160	6287854.3273
81	DRIVEWAY	1841567.9172	6287866.0350
82	DRIVEWAY	1841553.9160	6287866.0043
83	TC	1841450.8228	6287865.7537
84	TC	1841437.7278	6287852.5945
85	RADIUS POINT	1841434.1787	6287856.1164
86	TC	1841432.5350	6287851.3943
87	RADIUS POINT	1841441.1258	6287878.5883
88	TC	1841412.4216	6287878.5132

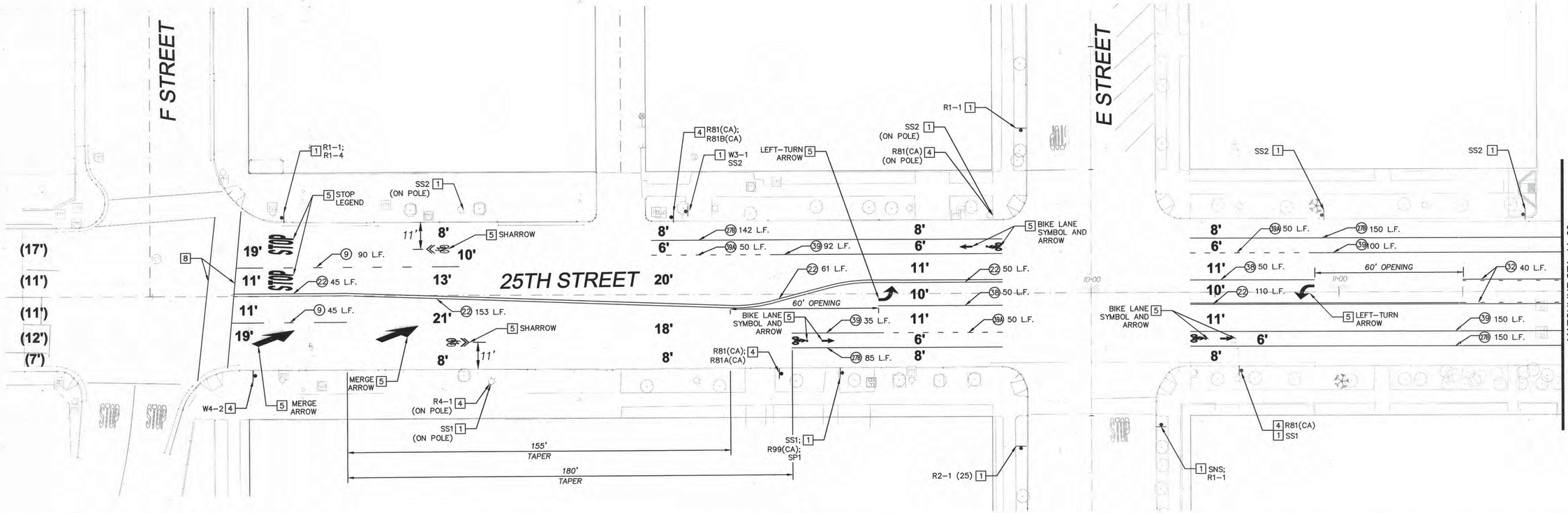
Point Table			
Point #	Raw Description	Northing	Easting
89	TC	1841412.3953	6287882.2848
90	RADIUS POINT	1841417.3953	6287882.2882
91	TC	1841413.8654	6287885.8293
92	TC	1841418.9170	6287890.8648
93	RADIUS POINT	1841415.3871	6287894.4060
94	TC	1841420.3871	6287894.4094
95	DRIVEWAY	1841420.3855	6287896.7446
96	DRIVEWAY	1841420.3693	6287920.5594
97	RAMP	1841422.7605	6287857.0464
98	RAMP	1841418.5987	6287861.4611
99	TC / MATCH EXISTING	1841368.0537	6287900.0026
100	RADIUS POINT	1841371.0537	6287900.0108
101	TC	1841368.9616	6287897.8606
102	TC	1841374.6069	6287892.2330
103	RADIUS POINT	1841371.0770	6287888.6919
104	TC	1841376.0770	6287888.7057
105	TC	1841376.0837	6287886.2620
106	RADIUS POINT	1841346.0839	6287886.1788
107	TC	1841346.0911	6287856.1788
108	TC	1841328.5838	6287856.1746
109	RADIUS POINT	1841328.5837	6287871.1744
110	TC / MATCH EXISTING	1841313.5898	6287870.7531
111	RAMP	1841371.1435	6287799.6299
112	RAMP	1841366.9027	6287803.9176
113	SAWCUT	1841026.7324	6287839.7876
114	SAWCUT	1841026.6972	6287843.7874
115	SAWCUT	1841337.7035	6287842.5221
116	SAWCUT	1841337.6856	6287837.9690
117	SAWCUT	1841337.6860	6287846.5221
118	SAWCUT	1841463.8910	6287838.2840
119	SAWCUT	1841463.6780	6287843.5054
120	SAWCUT	1841463.6780	6287847.5054
121	SAWCUT	1841296.2215	6287806.3861
122	SAWCUT	1841334.5164	6287806.4689
123	SAWCUT	1841334.5164	6287812.9496
124	SAWCUT	1841371.5926	6287812.8109
125	SAWCUT	1841371.5926	6287804.4138
126	SAWCUT	1841422.6225	6287804.5560
127	SAWCUT	1841422.6225	6287811.2146
128	SAWCUT	1841454.8129	6287811.2146
129	SAWCUT	1841471.7453	6287813.3026
130	SAWCUT	1841571.7452	6287813.5357
131	SAWCUT	1841663.8765	6287844.3376
132	SAWCUT	1841663.8666	6287848.3376
133	SAWCUT	1841663.9273	6287823.9930
134	SAWCUT	1841714.5633	6287824.1016
135	BACK OF WALK	1841434.1559	6287894.7449
136	BACK OF WALK	1841434.1899	6287883.2800
137	BACK OF WALK	1841458.6958	6287883.3019
138	BACK OF WALK	1841458.6959	6287879.0897
139	BACK OF WALK	1841551.9204	6287879.3704
140	CONC CURB EDGE	1841332.1706	6287783.0299
141	CONC CURB EDGE	1841332.1286	6287802.4638
142	CONC CURB EDGE	1841354.6144	6287763.1799
143	CONC CURB EDGE	1841368.5540	6287763.2929
144	CONC CURB EDGE	1841434.7240	6287761.9321
145	CONC CURB EDGE	1841459.4891	6287783.3035
146	CONC CURB EDGE	1841452.6004	6287872.2615
147	CONC CURB EDGE	1841452.5731	6287883.2432
148	CONC CURB EDGE	1841434.1499	6287896.7446
149	CONC CURB EDGE	1841368.0502	6287901.7536
150	CONC CURB EDGE	1841358.1279	6287901.7329
151	CONC CURB EDGE	1841333.5965	6287883.0100
152	CONC CURB EDGE	1841333.6608	6287870.8565
153	CONC CURB EDGE	1841180.6782	6287787.4831
154	CONC CURB EDGE	1841180.6654	6287792.5972
155	CONC CURB EDGE	1841232.4930	6287783.5151
156	CONC CURB EDGE	1841232.4724	6287793.0998
157	TC	1841712.0808	6287800.3691
158	RADIUS POINT	1841712.0684	6287805.3691
159	TC	1841715.6489	6287801.8792
160	TC	1841720.5499	6287806.9074
161	RADIUS POINT	1841724.1305	6287803.4175
162	TC	1841724.1181	6287808.4175
163		1841727.0615	6287808.4248
164	RADIUS POINT	1841727.1361	6287778.4249
165	TC	1841757.1359	6287778.5233
166	TC	1841757.1417	6287776.7478
167	RADIUS POINT	1841752.1417	6287776.7314
168	TC	1841755.6716	6287773.1902
169	TC	1841750.6160	6287768.1506
170	RADIUS POINT	1841754.1459	6287764.6095
171	TC	1841749.1459	6287764.6024
172	TC	1841801.0558	6287775.1009
173	RADIUS POINT	1841796.0922	6287775.0639
174	TC	1841799.6106	6287778.6164
175	TC	1841795.6861	6287782.5033
176	RADIUS POIN	1841799.1559	6287786.0437

Point Table			
Point #	Raw Description	Northing	Easting
177	TC	1841794.4300	6287787.5405
178	RADIUS POINT	1841823.0771	6287778.6329
179	TC	1841814.0760	6287807.2507
180	RADIUS POINT	1841816.1762	6287800.5732
181	TC	1841821.1400	6287805.5089
182	TC	1841824.5105	6287802.1192
183	RADIUS POINT	1841828.0561	6287805.6448
184	TC	1841828.0679	6287800.6448
185	DRIVEWAY	1841833.8026	6287800.6584
186	DRIVEWAY	1841857.8026	6287800.7154
187	DRIVEWAY	1841876.8105	6287800.7606
188	DRIVEWAY	1841892.8105	6287800.7986
189	TC	1841952.3016	6287800.9400
190	RADIUS POINT	1841952.3087	6287797.9400
191	TC	1841955.3087	6287797.9400
192	RAMP	1841955.3165	6287793.9560
193	RAMP	1841955.3243	6287789.9754
194	TC / MATCH EXISTING	1841955.3086	6287784.4623
195	TC / MATCH EXISTING	1841975.3086	6287784.4691
196	RAMP	1841975.3086	6287790.0410
197	RAMO	1841975.3086	6287794.0084
198	TC	1841975.3086	6287798.0018
199	RADIUS POINT	1841978.3086	6287798.0018
200	TC	1841978.3014	6287801.0018
201	RAMP	1842028.6893	6287801.1216
202	RAMP	1842044.6757	6287801.1562
203	TC	1842093.2232	6287801.2749
204	RADIUS POINT	1842093.2113	6287806.2749
205	TC	1842096.7093	6287802.8418
206	TC	1842101.6816	6287807.7979
207	RADIUS POINT	1842105.2609	6287804.3066
208	TC	1842105.2494	6287809.3066
209	TC	1842117.2904	6287809.3342
210	RADIUS POINT	1842117.3363	6287789.3343
211	TC	1842137.3363	6287789.3575
212	TC	1842137.3499	6287777.6819
213	RADIUS POINT	1842132.3499	6287777.6761
214	TC	1842135.8797	6287774.1349
215	TC	1842130.8340	6287769.1053
216	RADIUS POINT	1842134.3639	6287765.5641
217	TC	1842129.3639	6287765.5583
218	TC	1842181.4597	6287767.3326
219	RADIUS POINT	1842176.4597	6287767.3332
220	TC	1842179.9896	6287770.8744
221	TC	1842174.6311	6287776.2158
222	RADIUS POINT	1842178.1610	6287779.7569
223	TC	1842173.1610	6287779.7587
224	TC	1842173.1648	6287790.8410
225	RADIUS POINT	1842193.1502	6287790.8760
226	TC	1842191.9655	6287810.7981
227	TC	1842198.3661	6287811.0625
228	RADIUS POINT	1842196.9658	6287801.0805
229	TC	1842204.0196	6287808.1687
230	TC / MATCH EXISTING	1842211.1972	6287805.1127
231	TC / MATCH EXISTING	1842218.7304	6287865.1671
232	TC	1842206.6201	6287852.9973
233	RADIUS POINT	1842203.0759	6287856.5242
234	TC	1842202.9550	6287851.5239
235	RADIUS POINT	1842202.8884	6287881.5239
236	TC	1842172.8884	6287881.5239
237	TC	1842172.8984	6287888.5957
238	RADIUS POINT	1842177.8983	6287888.5817
239	TC	1842174.3684	6287892.1229
240	TC	1842179.7867	6287897.5239
241	RADIUS POINT	1842176.2568	6287901.0651
242	TC / MATCH EXISTING	1842181.2568	6287901.0652
243	TC / MATCH EXISTING	1842129.1360	6287895.7615
244	TC	1842130.6060	6287892.2394
245	RADIUS POINT	1842134.1359	6287895.7806
246	TC	1842135.9236	6287886.9388
247	RADIUS POINT	1842132.3937	6287883.3976
248	TC	1842137.3937	6287883.4044
249	TC	1842137.4101	6287871.3477
250	RADIUS POINT	1842117.4102	6287871.3204
251	TC	1842117.4102	6287851.3204
252	TC	1842113.7082	6287851.3204
253	RADIUS POINT	1842113.7062	6287857.3204
254	TC	1842109.4771	6287853.0662
255	TC	1842095.1818	6287867.2836
256	TC	1841999.2362	6287867.0633
257	TC	1841992.6473	6287860.4436
258	RADIUS POINT	1841989.1740	6287864.0402
259	TC	1841989.1855	6287859.0402
260	TC	1841978.4431	6287859.0156
261	RADIUS POINT	1841978.4362	6287862.0156
262	TC	1841975.4362	6287862.0087
263	TC / MATCH EXISTING	1841975.3845	6287884.5086
264	TC / MATCH EXISTING	1841955.0392	6287884.4619

Point Table			
Point #	Raw Description	Northing	Easting
265	TC	1841955.0908	6287861.9620
266	RADIUS POINT	1841952.0908	6287861.9551
267	TC	1841952.0977	6287858.9551
268	DRIVEWAY	1841902.6934	6287858.8131
269	DRIVEWAY	1841888.6934	6287858.8131
270	DRIVEWAY	1841854.6747	6287858.7314
271	DRIVEWAY	1841831.0564	6287858.6772
272	RADIUS POINT	1841830.6527	6287853.6763
273	TC	1841826.8286	6287856.8975
274	TC	1841823.2582	6287852.6589
275	RADIUS POINT	1841819.4341	6287855.8802
276	TC	1841818.6826	6287850.9365
277	RADIUS POINT	1841819.9555	6287877.3366
278	TC	1841795.6600	6287867.9035
279	RADIUS POINT	1841800.1863	6287870.0280
280	TC	1841796.6564	6287873.5692
281	TC	1841799.3420	6287876.2462
282	RADIUS POINT	1841795.8121	6287879.7874
283	TC	1841800.8165	6287881.3920
284	DRIVEWAY	1841800.8410	6287890.4892
285	DRIVEWAY	1841800.8840	6287906.4894
286	TC / MATCH EXISTING	1841748.9372	6287894.9763
287	RADIUS POINT	1841753.9373	6287894.9971
288	TC	1841750.4074	6287891.4558
289	TC	1841751.2531	6287890.6128
290	RADIUS POINT	1841747.7232	6287887.0716
291	TC	1841752.7231	6287887.0929
292	TC	1841752.7493	6287880.9439
293	RADIUS POINT	1841727.0013	6287880.4251
294	TC	1841731.3568	6287852.0775
295	RADIUS POINT	1841730.4961	6287854.9514
296	TC	1841728.3799	6287852.8249
297	TC	1841714.7439	6287866.3944
298	RAMP	1841746.6607	6287801.2018
299	RAMP	1841750.8519	6287796.7977
300	RAMP	1841799.8407	6287797.6083
301	RAMP	1841804.1255	6287801.8888
302	RAMP	1842129.2094	6287805.4287
303	RAMP	1842133.4888	6287801.1282
304	RAMP	1842176.7441	6287802.2516
305	RAMP	1842180.9289	6287806.6544
306	RAMP	1842184.8120	6287857.5814
307	RAMP	1842180.3622	6287861.7105
308	RAMP	1842135.2803	6287862.3395
309	RAMP	1842131.7286	6287857.3569
310	RAMP	1841975.4082	6287874.2014
311	RAMP	1841975.3990	6287878.2121
312	RAMP	1841955.0829	6287874.1737
313	RAMP	1841955.0536	6287878.1614
314	RAMP	1841804.4479	6287856.9318
315	RAMP	1841799.9837	6287861.1920
316	RAMP	1841746.9364	6287863.0681
317	RAMP	1841742.9181	6287858.6075
318	CONC CURB EDGE	1841710.5742	6287783.8679
319	CONC CURB EDGE	1841710.5420	6287799.8655
320	CONC CURB EDGE	1841735.1443	6287762.7994
321	CONC CURB EDGE	1841749.2077	6287762.8365
322	CONC CURB EDGE	1841801.2033	6287771.9100
323	CONC CURB EDGE	1841815.1205	6287771.9419
324	CONC CURB EDGE	1841832.0564	6287784.1154
325	CONC CURB EDGE	1841832.0564	6287798.1207
326	CONC CURB EDGE	1842090.2474	6287784.7903
327	CONC CURB EDGE	1842090.2080	6287800.7678
328	CONC CURB EDGE	1842115.7579	6287762.8256
329	CONC CURB EDGE	1842128.8671	6287762.8408
330	CONC CURB EDGE	1842186.2674	6287765.3559
331	CONC CURB EDGE	1842191.8132	6287765.3861
332	CONC CURB EDGE	1842213.2091	6287789.6399
333	CONC CURB EDGE	1842213.1928	6287795.0591
334	CONC CURB EDGE	1842213.2101	6287875.0198
335	CONC CURB EDGE	1842213.1933	6287880.2454
336	CONC CURB EDGE	1842191.1272	6287901.0651
337	CONC CURB EDGE	1842115.2308	6287895.6485
338	CONC CURB EDGE	1842090.2573	6287879.7724
339	CONC CURB EDGE	1842090.2849	6287867.7724
340	CONC CURB EDGE	1841814.8482	6287890.5160
341	CONC CURB EDGE	1841748.9800	6287895.8200
342	CONC CURB EDGE	1841738.9246	6287895.7959
343	CONC CURB EDGE	1841705.9841	6287883.8707
344	CONC CURB EDGE	1841706.0263	6287866.8716
345	SAWCUT	1841823.6359	6287804.2788
346	SAWCUT	1841823.6099	6287823.3761
347	SAWCUT	1841863.9248	6287824.4703
348	SAWCUT	1841863.8811	6287843.5187
349	SAWCUT	1842113.9088	6287844.5042
350	SAWCUT	1842113.9241	6287825.0545
351	SAWCUT	1842124.5723	6287825.0793
352	SAWCUT	1842124.4765	6287812.8342

Point Table			
Point #	Raw Description	Northing	Easting
353	SAWCUT	1842093.2149	6287812.8066
354	SAWCUT	1842221.0474	6287806.5882
355	SAWCUT	1842220.8428	6287864.6671
356	SAWCUT	1842179.7568	6287901.0651
357	SAWCUT	1842130.6360	6287901.0652
358	SAWCUT	1842109.1218	6287848.4853
359	SAWCUT	1842094.1552	6287863.3685
360	SAWCUT	1842000.1297	6287862.9997
361	SAWCUT	1841992.7131	6287855.5483
362	SAWCUT	1841863.8541	6287855.2525
363	SAWCUT	1841863.8719	6287847.5187
364	GOLDEN HILL EMBLEM	1841360.1059	6287792.7528
365	GOLDEN HILL EMBLEM	1841430.2202	6287868.0291
366	GOLDEN HILL EMBLEM	1841739.5320	6287789.8036
367	GOLDEN HILL EMBLEM	1841810.0739	6287869.6398
368	GOLDEN HILL EMBLEM	1842122.4246	6287793.9926
369	GOLDEN HILL EMBLEM	1842123.0083	6287867.3191
370	PLANTER EDGE	1841334.1524	6287791.4845
371	PLANTER EDGE	1841339.1409	6287791.4953
372	PLANTER EDGE	1841339.1198	6287796.5696
373	RADIUS POINT	1841338.3310	6287802.5175
374	PLANTER EDGE	1841344.3310	6287802.4928
375	PLANTER EDGE	1841352.5407	6287802.4928
376	RADIUS POINT	1841352.5408	6287807.4928
377	PLANTER EDGE	1841357.6064	6287807.0611
378	PLANTER EDGE	1841357.8492	6287807.9487
379	PLANTER EDGE	1841369.2243	6287768.4601
380	PLANTER EDGE	1841368.5183	6287769.1683
381	RADIUS POINT	1841372.7677	6287773.4042
382	PLANTER EDGE	1841368.9354	6287778.0554
383	PLANTER EDGE	1841368.8790	6287785.0796
384	RADIUS POINT	1841373.8788	6287785.1199
385	PLANTER EDGE	1841372.3757	6287789.8787
386	PLANTER EDGE	1841375.0631	6287790.6080
387	PLANTER EDGE	1841425.1854	6287763.9071
388	PLANTER EDGE	1841425.1685	6287778.2119
389	RADIUS POINT	1841419.1685	6287778.2048
390	PLANTER EDGE	1841420.3162	6287784.0940
391	PLANTER EDGE	1841418.9051	6287784.3690
392	PLANTER EDGE	1841433.6516	6287803.7208
393	RADIUS POINT	1841439.1443	6287806.1502
394	PLANTER EDGE	1841439.1502	6287800.1502
395	PLANTER EDGE	1841444.2011	6287800.1552
396	PLANTER EDGE	1841444.2674	6287791.7086
397	PLANTER EDGE	1841457.4681	6287791.7414
398	PLANTER EDGE	1841414.3188	6287870.6793
399	PLANTER EDGE	1841416.4330	6287871.3605
400	RADIUS POINT	1841414.8995	6287876.1196
401	PLANTER EDGE	1841419.8995	6287876.1196
402	PLANTER EDGE	1841419.8960	6287881.2510
403	RADIUS POINT	1841416.4348	6287886.2725
404	PLANTER EDGE	1841420.6842	6287890.5084
405	PLANTER EDGE	1841419.9135	6287891.2816
406	PLANTER EDGE	1841431.4748	6287852.3234
407	PLANTER EDGE	1841431.9603	6287855.9815
408	RADIUS POINT	1841436.9168	6287855.3237
409	PLANTER EDGE	1841433.3726	6287858.8506
410	PLANTER EDGE	1841435.2786	6287860.7660
411	RADIUS POINT	1841439.5316	6287856.5337
412	PLANTER EDGE	1841443.7639	6287860.7867
413	PLANTER EDGE	1841444.4727	6287860.0813
414	PLANTER EDGE	1841430.2818	6287894.7394
415	PLANTER EDGE	1841430.3035	6287878.5728
416	RADIUS POINT	1841432.8044	6287877.9026
417	PLANTER EDGE	1841432.7576	6287875.4030
418	PLANTER EDGE	1841439.6138	6287875.4301
419	PLANTER EDGE	1841439.6093	6287877.5974
420	PLANTER EDGE	1841450.6093	6287877.5974
421	PLANTER EDGE	1841718.5876	6287863.2803
422	PLANTER EDGE	1841719.2902	6287863.9864
423	RADIUS POINT	1841723.5432	6287859.7542
424	PLANTER EDGE	1841727.7755	6287864.0072
425	PLANTER EDGE	1841732.4080	6287859.3972
426	RADIUS POINT	1841728.1758	6287855.1442
427	PLANTER EDGE	1841734.1721	6287855.3530
428	PLANTER EDGE	1841734.2317	6287853.6426
429	PLANTER EDGE	1841750.7381	6287871.4411
430	PLANTER EDGE	1841749.5519	6287871.7942
431	RADIUS POINT	1841751.2637	6287877.5448
432	PLANTER EDGE	1841745.2638	6287877.5193
433	PLANTER EDGE	1841745.1981	6287893.8090
434	PLANTER EDGE	1841748.5655	6287893.8161
435	PLANTER EDGE	1841806.8410	6287890.5007
436	PLANTER EDGE	1841806.8035	6287876.5685
437	RADIUS POINT	1841801.8035	6287876.5819
438	PLANTER EDGE	1841805.7536	6287873.4485
439	PLANTER EDGE	1841803.8130	6287871.5252
440	PLANTER EDGE	1841800.2832	6287875.0664

Point Table			
Point #	Raw Description	Northing	Easting
441	PLANTER EDGE	1841800.8115	6287870.0944
442	PLANTER EDGE	1841795.7115	6287869.5525
443	PLANTER EDGE	1841813.6788	6287852.6014
444	PLANTER EDGE	1841813.9870	6287856.0442
445	RADIUS POINT	1841818.9671	6287855.5983
446	PLANTER EDGE	1841815.4436	6287859.1459
447	PLANTER EDGE	1841818.8150	6287862.3596
448	RADIUS POINT	1841822.1898	6287858.6703
449	PLANTER EDGE	1841822.1898	6287863.6703
450	PLANTER EDGE	1841831.0418	6287863.6772
451	PLANTER EDGE	1841712.5520	6287793.0054
452	PLANTER EDGE	1841715.8801	6287792.9862
453	RADIUS POINT	1841715.9147	6287798.9861
454	PLANTER EDGE	1841720.2114	6287794.7982
455	PLANTER EDGE	1841726.1808	6287800.9226
456	PLANTER EDGE	1841731.8832	6287800.9459
457	RADIUS POINT	1841731.7320	6287806.9364
458	PLANTER EDGE	1841737.3304	6287804.7780
459	PLANTER EDGE	1841737.7736	6287805.9276
460	PLANTER EDGE	1841742.4206	6287764.8186
461	PLANTER EDGE	1841742.4226	6287767.9638
462	RADIUS POINT	1841754.3735	6287764.8364
463	PLANTER EDGE	1841745.5488	6287773.6893
464	PLANTER EDGE	1841749.6383	6287777.7658
465	PLANTER EDGE	1841749.6258	6287781.5906
466	RADIUS POINT	1841755.6258	6287781.6103
467	PLANTER EDGE	1841753.7258	6287787.3016
468	PLANTER EDGE	1841755.1180	6287787.7663
469	PLANTER EDGE	1841808.5973	6287773.9139
470	PLANTER EDGE	1841808.5880	6287776.0600
471	RADIUS POINT	1841797.5881	6287776.0127
472	PLANTER EDGE	1841802.3943	6287796.7553
473	RADIUS POINT	1841798.8633	6287783.2152
474	PLANTER EDGE	1841799.4746	6287788.1777
475	PLANTER EDGE	1841795.3432	6287788.6867
476	PLANTER EDGE	1841813.1461	6287806.4110
477	PLANTER EDGE	1841814.7239	6287801.9977
478	RADIUS POINT	1841819.4321	6287803.6809
479	PLANTER EDGE	1841816.9150	6287799.1211
480	PLANTER EDGE	1841820.4341	6287795.7374
481	RADIUS POINT	1841828.0561	6287805.6448
482	PLANTER EDGE	1841828.0564	6287793.1448
483	PLANTER EDGE	1841830.0564	6287793.1448
484	PLANTER EDGE	1842097.5041	6287802.7991
485	RADIUS POINT	1842100.8248	6287807.7964
486	PLANTER EDGE	1842100.8386	6287801.7964
487	PLANTER EDGE	1842114.5006	6287801.8278
488	RADIUS POINT	1842114.7975	6287807.8285
489	PLANTER EDGE	1842120.6952	6287806.7255
490	PLANTER EDGE	1842120.9465	6287808.5233
491	CURB RAMP	1842099.0162	6287863.4702
492	CURB RAMP	1842101.8523	6287863.6495
493	CURB RAMP	1842103.9900	6287869.1803
494	CURB RAMP/PLANTER	1842107.4956	6287865.6147
495	PLANTER EDGE	1842114.3271	6287858.8204
496	PLANTER EDGE	1842117.8920	6287858.8204
497	RADIUS POINT	1842117.8920	6287852.8204
498	PLANTER EDGE	1842123.6247	6287854.5914
499	PLANTER EDGE	1842124.1212	6287852.9843
500	PLANTER EDGE	1842123.5117	6287893.6



STRIPING AND SIGNING GENERAL NOTES

1. INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

2. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.

3. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY SANDBLASTING AND/OR GRINDING WITH THE SEAL. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

4. SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARDS DRAWING M-45.

5. ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR TO REMAIN.

6. SIGNS ON POLES CANNOT BE LESS THAN 7'-0" AS MEASURED FROM THE BOTTOM OF THE SIGNS TO THE SURFACE FINISH OF THE SIDEWALK. ADJUST EXISTING SIGNS AS NEEDED.

7. STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET UNLESS INDICATED OTHERWISE.

8. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND MARKINGS (EXCEPT WITHIN BIKE LANES) SHALL BE THERMOPLASTIC.

9. THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.

10. THE CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF TRAFFIC STRIPING, PAVEMENT MARKINGS, PARKING REMOVAL, AND TRAFFIC SIGNING (EXCEPT STREET NAME SIGNS) AS SHOWN ON THESE PLANS.

10.1 THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE FIELD TRAFFIC ENGINEERING SECTION OF THE STRIPING, PAVEMENT MARKINGS, PARKING REMOVAL, AND SIGN LOCATIONS PRIOR TO PAINTING AND INSTALLATION.

10.2 THE CONTRACTOR SHALL COORDINATE PARKING REMOVAL WITH AGENCY APPROVAL SO THAT ADVANCE NOTICE TO ADJACENT PROPERTY OWNERS CAN BE MADE BY THE TRAFFIC ENGINEERING DIVISION.

LEGEND

(9)	LANE LINE PATTERN WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 9.
(22)	TWO-DIRECTIONAL NO-PASSING PATTERN WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 22.
(27B)	PARKING STRIPE PER CA-MUTCD DETAIL 27B.
(32)	TWO-WAY LEFT-TURN LANE PATTERN PER CA-MUTCD DETAIL 32.
(38)	CHANNELIZING LINE WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 38.
(39)	BIKE LANE STRIPING PER CA-MUTCD DETAIL 39.
(39A)	BIKE LANE INTERSECTION STRIPING PER CA-MUTCD DETAIL 39A.
	NEW SIGN LOCATION (SINGLE POST)
R1-1	MUTCD SIGN DETAIL NO.
	EXISTING SIGN LOCATION (SINGLE POST)
(XX')	EXISTING LANE WIDTH
XX'	NEW LANE WIDTH
SNS	STREET NAME SIGN
(TS)	TRAFFIC SIGNAL

PAVEMENT MARKINGS

- PROPOSED TYPE IV LEFT-TURN ARROW
- PROPOSED BIKE LANE SYMBOL
- PROPOSED BIKE LANE ARROW
- PROPOSED "STOP" PAVEMENT MARKING
- PROPOSED TYPE VI MERGE ARROW
- PROPOSED ACCESSIBLE PARKING SYMBOL
- PROPOSED SHARROW

CONSTRUCTION NOTES

1	EXISTING SIGN TO REMAIN
2 RL	RELOCATE EXISTING SIGN (NOT USED ON THIS SHEET)
3	EXISTING SIGN TO BE REMOVED AND SALVAGED BY CONTRACTOR (NOT USED ON THIS SHEET)
4	INSTALL SIGN AS INDICATED ON PLAN
5	INSTALL PAVEMENT LEGEND/MARKING
6	INSTALL 12" WHITE THERMOPLASTIC CROSSWALK 10' WIDE (NOT USED ON THIS SHEET)
7	INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE (NOT USED ON THIS SHEET)
8	RESTRIPE 12" WHITE THERMOPLASTIC STRIPING ON EXISTING CROSSWALK
9	INSTALL 4" BLUE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER (NOT USED ON THIS SHEET)
10	PAINT CURB AS INDICATED ON PLAN (NOT USED ON THIS SHEET)
11	INSTALL SIGNS ON POST AS SHOWN IN DETAIL B (NOT USED ON THIS SHEET)
12	REMOVE EXISTING PAVEMENT MARKING (NOT USED ON THIS SHEET)
13	INSTALL WHITE THERMOPLASTIC ZEBRA STRIPING CROSSWALK AS SHOWN IN DETAIL C (NOT USED ON THIS SHEET)
14	INSTALL 4" WHITE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER (NOT USED ON THIS SHEET)
15	INSTALL BACK-IN ANGLE PARKING STRIPING AS SHOWN IN DETAIL A (NOT USED ON THIS SHEET)

SIGN LEGEND

R1-1 STOP · R1-4 ALL WAY · R2-1 (25) SPEED LIMIT 25 · R4-1 DO NOT PASS · R81 (CA) BIKE LANE · R81A (CA) BEGIN · R81B (CA) END

SS1 (25TH ST) NO PARKING 8 A.M. 10 A.M. TUESDAY · SS2 (25TH ST) NO PARKING 8 A.M. 10 A.M. THURSDAY · W3-1 · W4-2 · R99 (CA) PARKING ONLY · SP1 SPECIAL PLACARD OR LICENSE PLATE REQUIRED

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — DATE 04/23/2013

REGISTERED PROFESSIONAL ENGINEER MICHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-1

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT SIGNING & MARKING PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 14 OF 29 SHEETS

APP. FOR CITY ENGINEER — DATE 9/11/13

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

WBS S-00985
SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER
MARC PIRAZZINI, PROJECT ENGINEER
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-14-D

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

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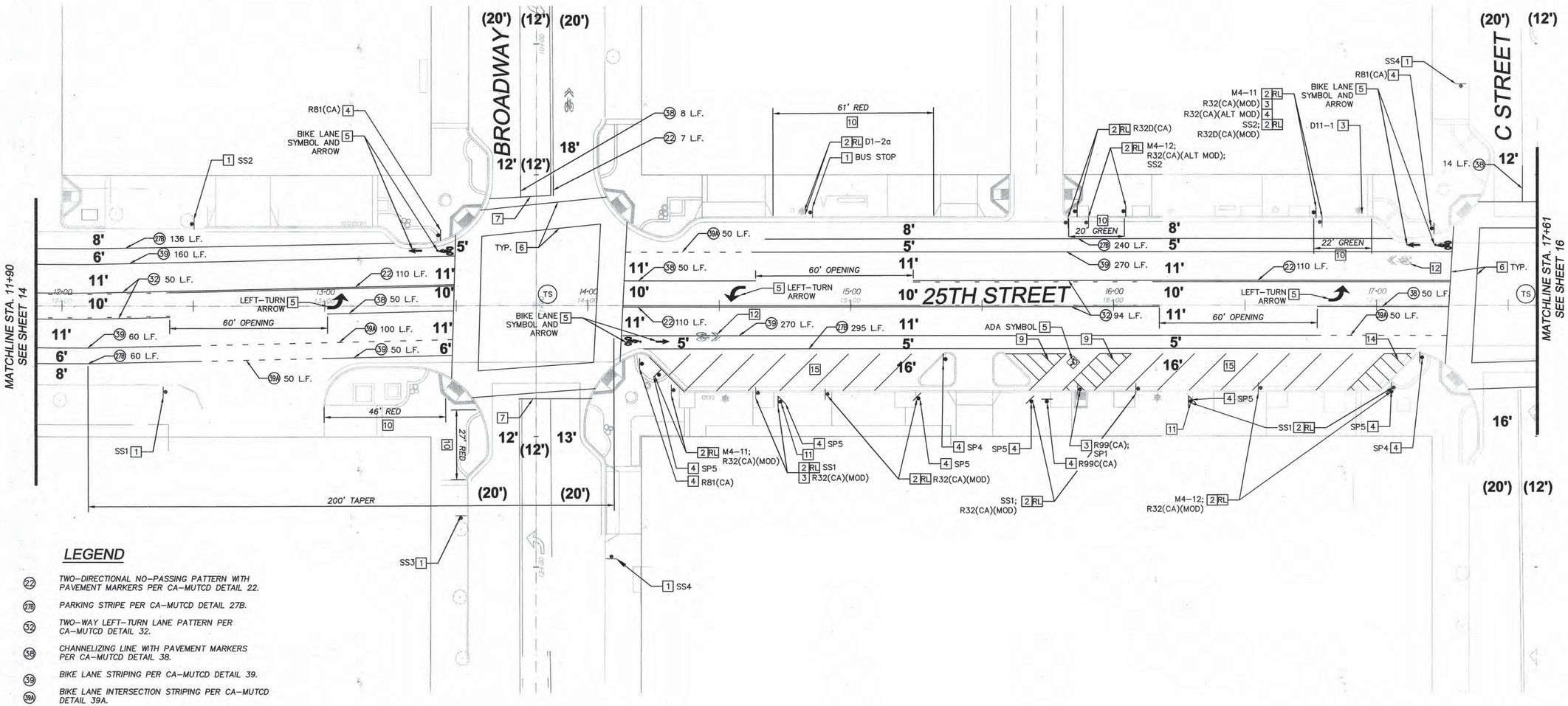


LEGEND

- (22) TWO-DIRECTIONAL NO-PASSING PATTERN WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 22.
- (278) PARKING STRIPE PER CA-MUTCD DETAIL 27B.
- (32) TWO-WAY LEFT-TURN LANE PATTERN PER CA-MUTCD DETAIL 32.
- (38) CHANNELIZING LINE WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 38.
- (39) BIKE LANE STRIPING PER CA-MUTCD DETAIL 39.
- (39A) BIKE LANE INTERSECTION STRIPING PER CA-MUTCD DETAIL 39A.
- NEW SIGN LOCATION (SINGLE POST)
- R1-1 MUTCD SIGN DETAIL NO.
- EXISTING SIGN LOCATION (SINGLE POST)
- (XX') EXISTING LANE WIDTH
- XX' NEW LANE WIDTH
- SNS STREET NAME SIGN
- (TS) TRAFFIC SIGNAL

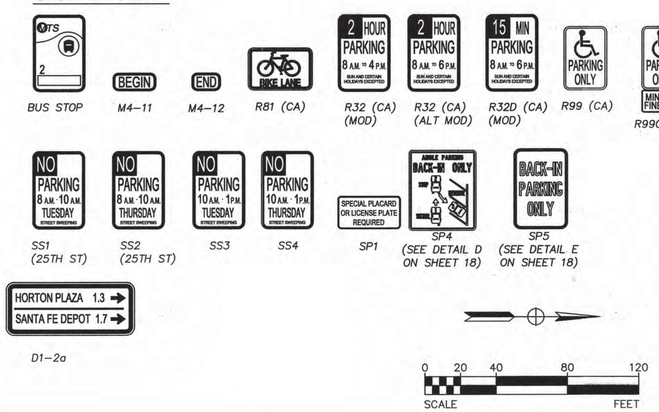
PAVEMENT MARKINGS

- PROPOSED TYPE IV LEFT-TURN ARROW
- PROPOSED BIKE LANE SYMBOL
- PROPOSED BIKE LANE ARROW
- PROPOSED "STOP" PAVEMENT MARKING
- PROPOSED TYPE VI MERGE ARROW
- PROPOSED ACCESSIBLE PARKING SYMBOL

CONSTRUCTION NOTES

1. EXISTING SIGN TO REMAIN
2 RL. RELOCATE EXISTING SIGN
3. EXISTING SIGN TO BE REMOVED AND SALVAGED BY CONTRACTOR
4. INSTALL SIGN AS INDICATED ON PLAN
5. INSTALL PAVEMENT LEGEND/MARKING
6. INSTALL 12" WHITE THERMOPLASTIC CROSSWALK 10' WIDE
7. INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE
8. RESTRIPE 12" WHITE THERMOPLASTIC STRIPING ON EXISTING CROSSWALK (NOT USED ON THIS SHEET)
9. INSTALL 4" BLUE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER
10. PAINT CURB AS INDICATED ON PLAN
11. INSTALL SIGNS ON POST AS SHOWN IN DETAIL B ON SHEET 18
12. REMOVE EXISTING PAVEMENT MARKING
13. INSTALL WHITE THERMOPLASTIC ZEBRA STRIPING CROSSWALK AS SHOWN IN DETAIL C (NOT USED ON THIS SHEET)
14. INSTALL 4" WHITE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER
15. INSTALL BACK-IN ANGLE PARKING STRIPING AS SHOWN IN DETAIL A ON SHEET 18

SIGN LEGEND



0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-2

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT SIGNING & MARKING PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 15 OF 29 SHEETS

WBS S-00985

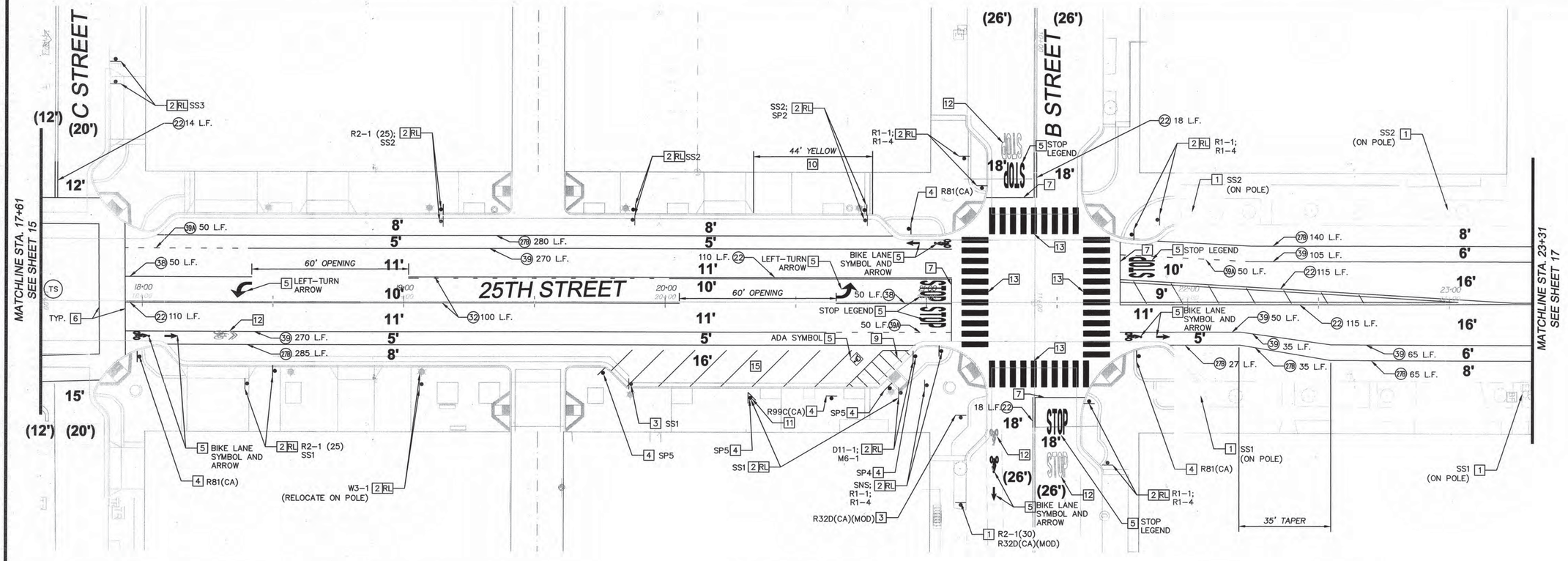
APPROVED FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI, PROJECT ENGINEER
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____
36515-15-D

Apr 23, 2013 - 10:46am K:\SND_TPTO\09541300A\Design\Improvements\09541300A_SM02.dwg



LEGEND

- (22) TWO-DIRECTIONAL NO-PASSING PATTERN WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 22.
- (278) PARKING STRIPE PER CA-MUTCD DETAIL 27B.
- (32) TWO-WAY LEFT-TURN LANE PATTERN PER CA-MUTCD DETAIL 32.
- (38) CHANNELIZING LINE WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 38.
- (39) BIKE LANE STRIPING PER CA-MUTCD DETAIL 39.
- (39A) BIKE LANE INTERSECTION STRIPING PER CA-MUTCD DETAIL 39A.
- NEW SIGN LOCATION (SINGLE POST)
- R1-1 MUTCD SIGN DETAIL NO.
- EXISTING SIGN LOCATION (SINGLE POST)
- (XX') EXISTING LANE WIDTH
- XX' NEW LANE WIDTH
- SNS STREET NAME SIGN
- (TS) TRAFFIC SIGNAL

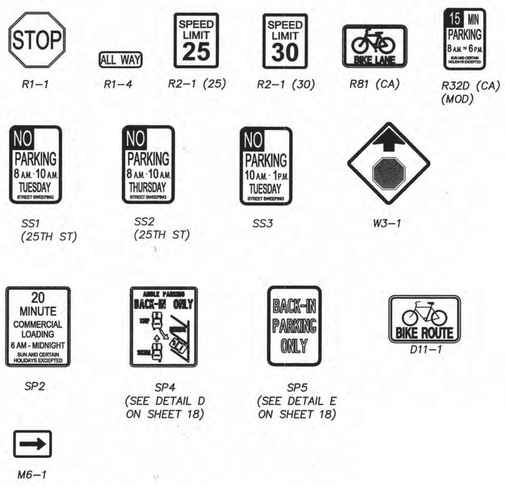
CONSTRUCTION NOTES

1. EXISTING SIGN TO REMAIN
2. RL RELOCATE EXISTING SIGN
3. EXISTING SIGN TO BE REMOVED AND SALVAGED BY CONTRACTOR
4. INSTALL SIGN AS INDICATED ON PLAN
5. INSTALL PAVEMENT LEGEND/MARKING
6. INSTALL 12" WHITE THERMOPLASTIC CROSSWALK 10' WIDE
7. INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE
8. RESTRIPE 12" WHITE THERMOPLASTIC STRIPING ON EXISTING CROSSWALK (NOT USED ON THIS SHEET)
9. INSTALL 4" BLUE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER
10. PAINT CURB AS INDICATED ON PLAN
11. INSTALL SIGNS ON POST AS SHOWN IN DETAIL B ON SHEET 18
12. REMOVE EXISTING PAVEMENT MARKING
13. INSTALL WHITE THERMOPLASTIC ZEBRA STRIPING CROSSWALK AS SHOWN IN DETAIL C ON SHEET 18
14. INSTALL 4" WHITE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER (NOT USED ON THIS SHEET)
15. INSTALL BACK-IN ANGLE PARKING STRIPING AS SHOWN IN DETAIL A ON SHEET 18

PAVEMENT MARKINGS

- PROPOSED TYPE IV LEFT-TURN ARROW
- PROPOSED BIKE LANE SYMBOL
- PROPOSED BIKE LANE ARROW
- PROPOSED "STOP" PAVEMENT MARKING
- PROPOSED TYPE VI MERGE ARROW
- PROPOSED ACCESSIBLE PARKING SYMBOL

SIGN LEGEND



ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — DATE 04/23/2013

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-3

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT SIGNING & MARKING PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 16 OF 29 SHEETS

APPROVED FOR CITY ENGINEER — DATE 2/11/13

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

36515-16-D

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

0 20 40 80 120
SCALE FEET

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

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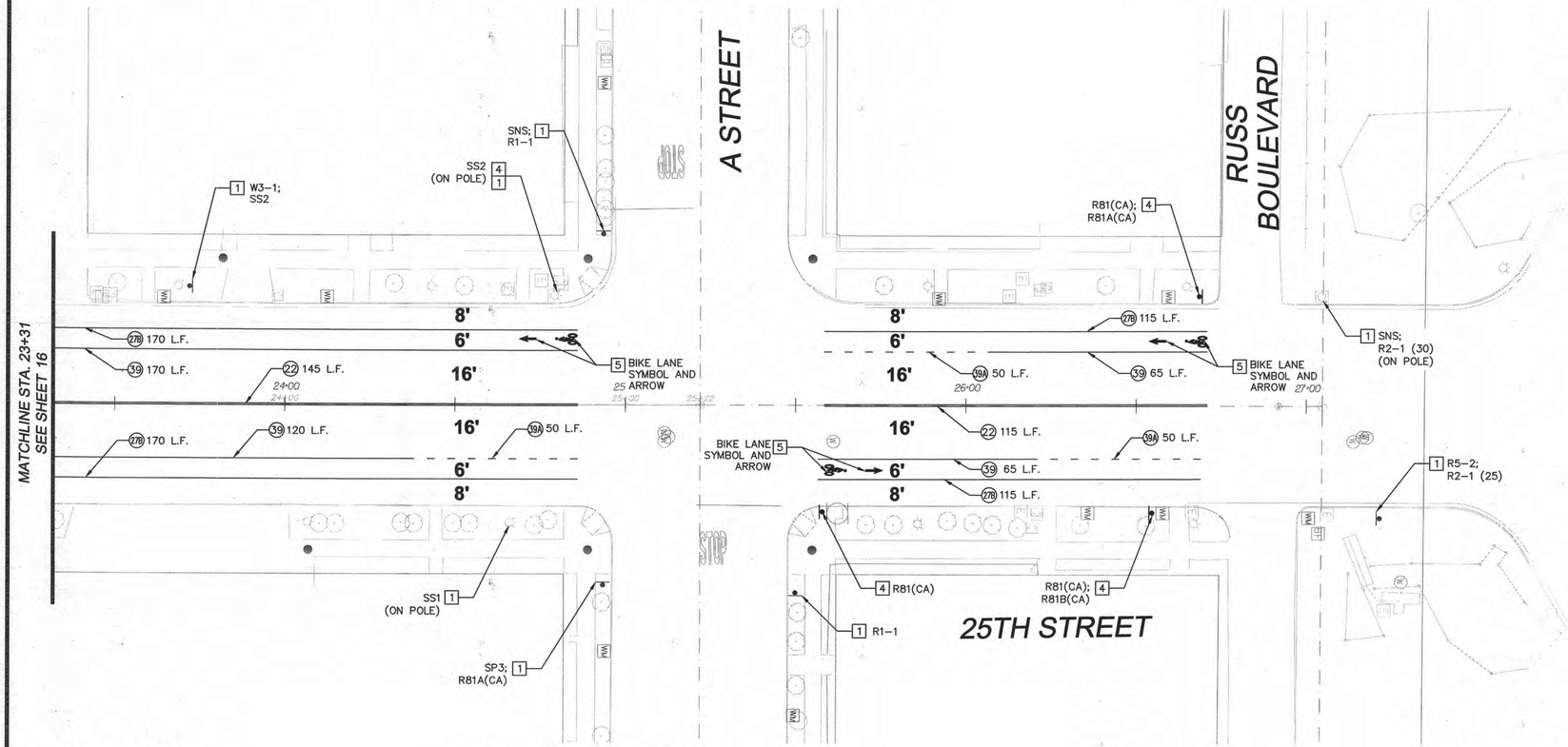


LEGEND

- (22) TWO-DIRECTIONAL NO-PASSING PATTERN WITH PAVEMENT MARKERS PER CA-MUTCD DETAIL 22.
- (27B) PARKING STRIPE PER CA-MUTCD DETAIL 27B.
- (39) BIKE LANE STRIPING PER CA-MUTCD DETAIL 39.
- (39A) BIKE LANE INTERSECTION STRIPING PER CA-MUTCD DETAIL 39A.
- NEW SIGN LOCATION (SINGLE POST)
- R1-1 MUTCD SIGN DETAIL NO.
- EXISTING SIGN LOCATION (SINGLE POST)
- (XX') EXISTING LANE WIDTH
- XX' NEW LANE WIDTH
- SNS STREET NAME SIGN
- (TS) TRAFFIC SIGNAL

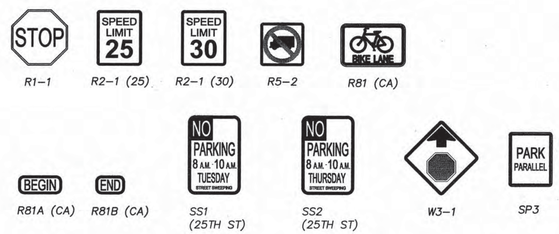
PAVEMENT MARKINGS

- PROPOSED BIKE LANE SYMBOL
- PROPOSED BIKE LANE ARROW

CONSTRUCTION NOTES

1. EXISTING SIGN TO REMAIN
2. RL RELOCATE EXISTING SIGN (NOT USED ON THIS SHEET)
3. EXISTING SIGN TO BE REMOVED AND SALVAGED BY CONTRACTOR (NOT USED ON THIS SHEET)
4. INSTALL SIGN AS INDICATED ON PLAN
5. INSTALL PAVEMENT LEGEND/MARKING
6. INSTALL 12" WHITE THERMOPLASTIC CROSSWALK 10' WIDE (NOT USED ON THIS SHEET)
7. INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE (NOT USED ON THIS SHEET)
8. RESTRIPE 12" WHITE THERMOPLASTIC STRIPING ON EXISTING CROSSWALK (NOT USED ON THIS SHEET)
9. INSTALL 4" BLUE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER (NOT USED ON THIS SHEET)
10. PAINT CURB AS INDICATED ON PLAN (NOT USED ON THIS SHEET)
11. INSTALL SIGNS ON POST AS SHOWN IN DETAIL B (NOT USED ON THIS SHEET)
12. REMOVE EXISTING PAVEMENT MARKING (NOT USED ON THIS SHEET)
13. INSTALL WHITE THERMOPLASTIC ZEBRA STRIPING CROSSWALK AS SHOWN IN DETAIL C (NOT USED ON THIS SHEET)
14. INSTALL 4" WHITE HATCH STRIPING @ 45 DEGREE ANGLE SPACED 3' ON CENTER (NOT USED ON THIS SHEET)
15. INSTALL BACK-IN ANGLE PARKING STRIPING AS SHOWN IN DETAIL A (NOT USED ON THIS SHEET)

SIGN LEGEND



SCALE 0 20 40 80 120 FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-4

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT SIGNING & MARKING PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 17 OF 29 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER — DATE 8/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

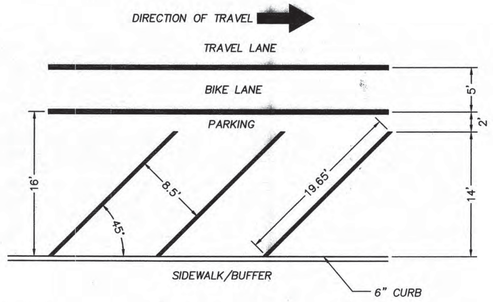
6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

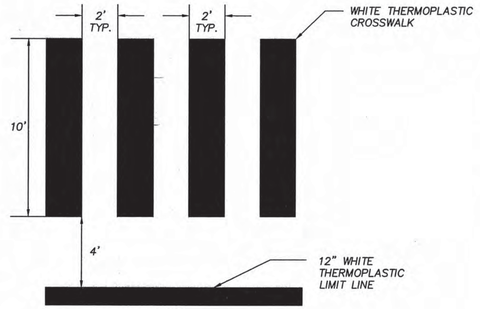
36515-17-D

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

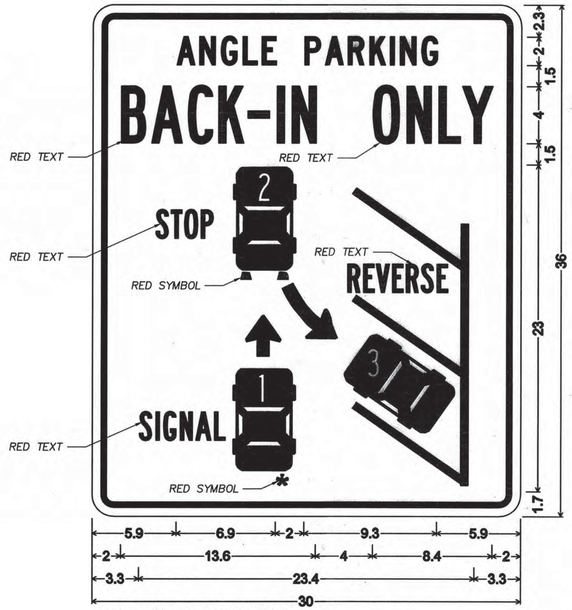
Apr 23, 2013 - 11:11am K:\SND_TPTO\095413004\Design\Improvements\095413004_SM04.dwg



DETAIL A: BACK-IN ANGLE PARKING STRIPING
NOT TO SCALE

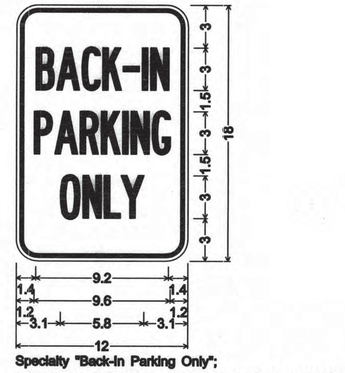


DETAIL C: ZEBRA STRIPING CROSSWALK
NOT TO SCALE



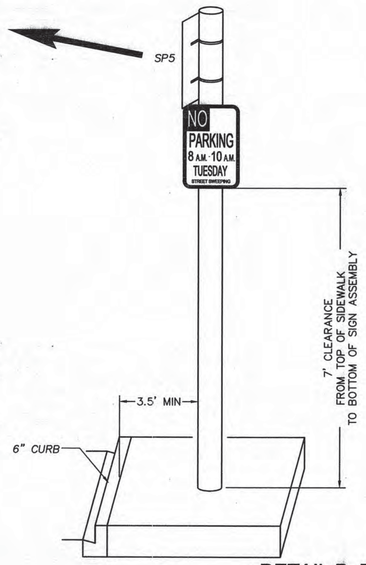
Specialty "Back-in Parking Only";
1.5" Radius, 0.4" Border, 0.6" Indent, Black on White;
"ANGLE PARKING" C; "BACK-IN ONLY" Red B specified length;

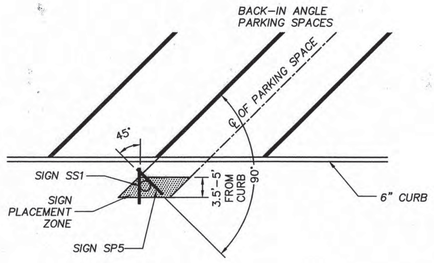
DETAIL D: SIGN SP4 LAYOUT
NOT TO SCALE



Specialty "Back-in Parking Only";
1.5" Radius, 0.3" Border, 0.3" Indent, Black on White;
"BACK-IN" B 39% spacing;
"PARKING" B 39% spacing;
"ONLY" B 39% spacing;

DETAIL E: SIGN SP5 LAYOUT
NOT TO SCALE





DETAIL B: BACK-IN ANGLE PARKING SIGN INSTALLATION
NOT TO SCALE

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-5

PLANS FOR THE CONSTRUCTION OF
25TH ST. RENAISSANCE PROJECT
SIGNING & MARKING DETAIL SHEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 18 OF 29 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER — DATE 9/1/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI, PROJECT ENGINEER
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____
36515-18-D

Apr 23, 2013 - 11:11am K:\SND_TPTO\095413004\Design\Improvements\095413004_SM05.dwg

CONDUCTOR TABLE

AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN 2" ①	3" ②	3" ③	3" ④	3" ⑤	3" ⑥	3" ⑦	2" ⑧	2–3" ⑨	2–3" ⑩
CONDUCTORS 3	COND	POLE – A			2	2				2	2	2
		POLE – B			2	2	2	2	2	2	2	2
		POLE – C	2	2	2	2				2	2	2
		POLE – D			2	2				2	2	2
CONDUCTORS 12												
TOTAL CABLES		3 CONDUCTOR/12 CONDUCTOR	2	2	2	4	4	2	2	2	8	8
#6		SIGNAL SERVICE					2	2	2		2	2
#10		LIGHTING	2	2	2		2	2	2			
6 PAIR NO.22		INTERCONNECT CABLE										2
TYPE "B" DLC	2	LOOP DETECTOR					4	4			4	4
	4	LOOP DETECTOR					3	3	3	3	3	3
	6	LOOP DETECTOR		4	4						4	4
	8	LOOP DETECTOR									1	3
TOTAL DLC				4	4		7	7	3	3	12	14
EMERGENCY VEHICLE DETECTOR (EV–DLC)			2	2	2		2	2	2		4	4
TOTAL NUMBER OF CABLES			8	12	16	8	13	17	13	3	34	36
PERCENT FILL			34%	19%	32%	25%	12%	25%	21%	7%	34%	35%

BOLD = NEW CONDUIT
ALL CABLES AND CONDUCTORS ARE NEW

POLE EQUIPMENT SCHEDULE

NO.	STANDARD TYPE	HGT	SIG. M.A.	LUM. M.A.	LUMINARE INDUCTION	PLACEMENT A	PLACEMENT B	SIGNAL MOUNTING VEHICLE			PEDESTRIAN SIGNAL	PEDESTRIAN PPB		REMARKS
Ⓐ	19–2–70	30'	30'	15'	85W – 120W	EXISTING	EXISTING	MAT ⌀4	–	SV–2–TB	**SP–2–T**	W ← 2 S ← 4	4 9 10	
Ⓑ	19–2–70	30'	**20'**	15'	85W – 120W	**11'–7"**	**7'–2"**	**MAS** ⌀6	–	SV–2–TB	**SP–2–T**	N ← 4 W ← 6	4 6 7 9 10 14 19	
Ⓒ	24–3–70	30'	**25'**	15'	85W – 120W	EXISTING	EXISTING	**MAS** ⌀8	–	SV–2–TB	**SP–2–T**	E ← 6 N ← 8	4 6 9 10 15	
Ⓓ	19–2–70	30'	25'	15'	85W – 120W	**4'–1"**	**8'–3"**	MAT ⌀2	–	SV–2–TB	**SP–2–T**	E ← 2 S ← 8	4 7 9 10 14 15 19	

BOLD = NEW
PLACEMENT LOCATION BASED ON PCR LOCATION SHOWN ON PLANS

EXISTING PHASE DIAGRAM

1 NOT USED	2 →	3 NOT USED	4 ↕
5 NOT USED	6 ←	7 NOT USED	8 ↕

EMERGENCY OPERATION: ALL PHASES FLASH RED

PROPOSED PHASE DIAGRAM

1 NOT USED	2 →	3 NOT USED	4 ↕
5 NOT USED	6 ←	7 NOT USED	8 ↕

EMERGENCY OPERATION: ALL PHASES FLASH RED

DETECTOR ASSIGNMENT

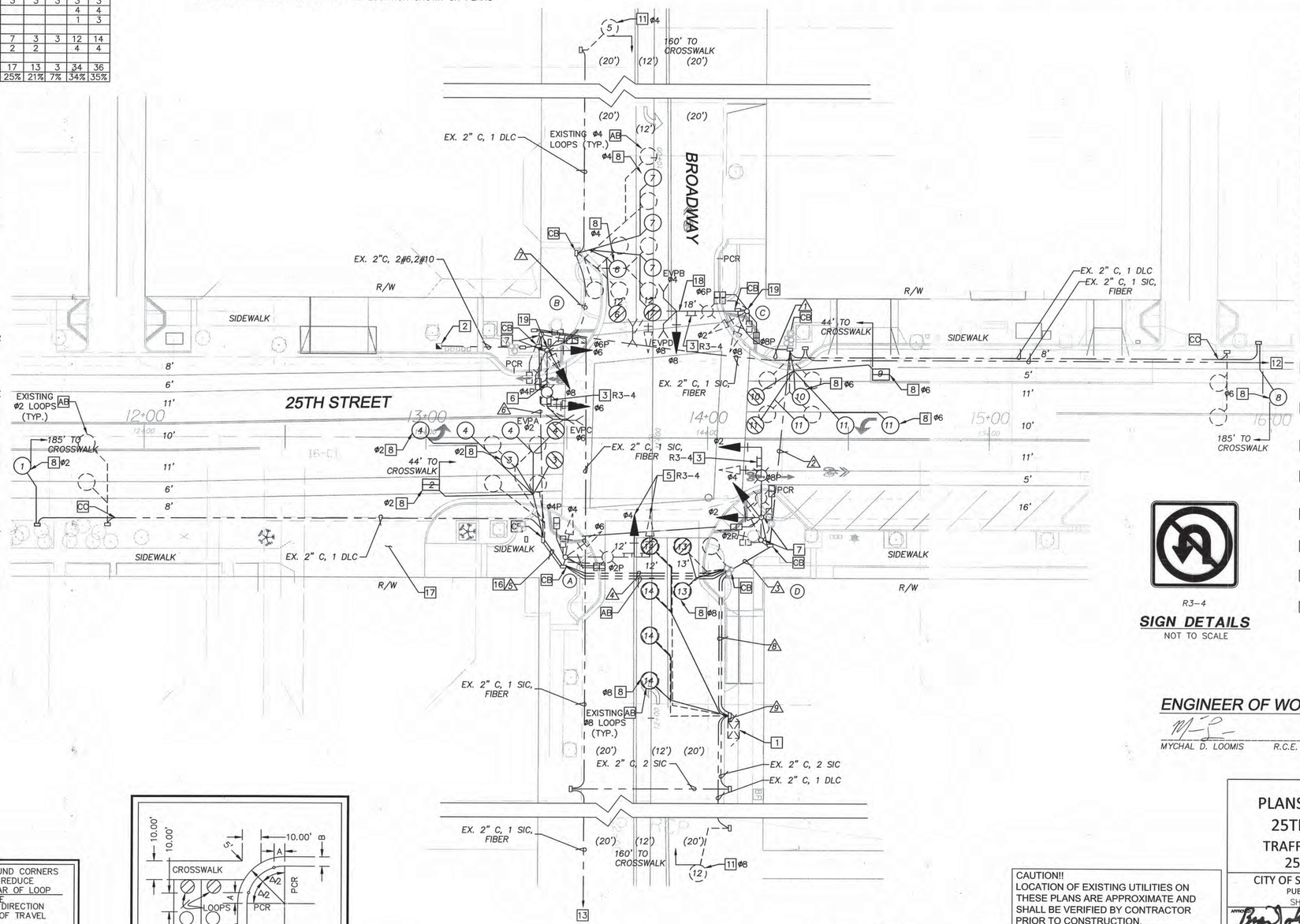
DETECTOR	PHASE	SLOT	FIELD TERMINAL
1	2	I2U	T2–5 & 6
2	2	I2L	T2–7 & 8
3	2	I3U	T2–9 & 10
4	2	I3L	T2–11 & 12
5	4	I6U	T4–9 & 10
6	4	I6L	T4–11 & 12
7	4	I7U	T6–1 & 2
8	6	J2U	T3–5 & 6
9	6	J2L	T3–7 & 8
10	6	J3U	T3–9 & 10
11	6	J3L	T3–11 & 12
12	8	J6U	T5–9 & 10
13	8	J6L	T5–11 & 12
14	8	J7U	T7–1 & 2
PPB	2	I12U	T8–4 & COM 6
PPB	4	I12L	T8–5 & COM 6
PPB	6	I13U	T8–7 & COM 9
PPB	8	I13L	T8–8 & COM 9
EVA	2	J12U	T9–4 & COM 6
EVB	4	J13U	T9–7 & COM 9
EVC	6	J12L	T9–5 & COM 6
EVD	8	J13L	T9–8 & COM 9
FLASH		I14U	T8–10 & COM 12

WORK TO BE DONE

MODIFY TRAFFIC SIGNAL AND INTERSECTION SAFETY LIGHTING SYSTEMS AS SHOWN AND NOTED.

GENERAL NOTES:

1. THE LOCATION OF ALL UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE DEPTH OF ALL UTILITIES, INCLUDING THOSE NOT SHOWN ON THESE PLANS, AND VERIFY ALL CONDITIONS ON THE JOB.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND NOTIFY ALL UTILITIES AND AGENCIES AT LEAST 48–HOURS IN ADVANCE OF CONSTRUCTION.
3. ALL LOOPS SHALL BE 6' DIAMETER TYPE E WITH 10' SPACING IN THE DIRECTION OF TRAVEL AND CENTERED IN THE TRAVEL LANE. LOOP SEALANT SHALL BE HOT MELT OR APPROVED EQUAL. SEE STANDARD PLAN ES–5A AND ES–5B FOR DETAILS. LOOP WIRE SHALL BE TYPE 1 WITH TYPE B LEAD IN CABLE. FRONT LOOPS PER DETAIL. ALL OTHER LOOPS SHALL HAVE 3 TURNS.
4. ALL PULL BOXES ARE NUMBER 6, AND CONDUIT IS 3 INCH UNLESS NOTED OTHERWISE.
5. ALL SIGNAL HEADS SHALL BE TWELVE–INCH IN DIAMETER WITH BACK PLATES AND GLASS LENSES.
6. PEDESTRIAN HEADS AND SIGNS SHALL BE INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS SHALL BE TYPE G. PEDESTRIAN PUSH BUTTONS SHALL BE 2–INCH DIAMETER WITH A MAXIMUM FORCE OF 5 FOOT–POUNDS OF PRESSURE AND A MAXIMUM HEIGHT OF 42 INCHES PER ADA REQUIREMENTS.
7. GALVANIZED CIRCULAR ANCHOR BOLT NUT COVERS SHALL BE PROVIDED FOR ALL STANDARDS.
8. ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3–INCH CONDUIT INSTALLED TO THE ADJACENT PULL BOX.
9. THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF LOOP DETECTORS AS SHOWN ON THESE PLANS.
   9.1. THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE TRAFFIC ENGINEERING DIVISION OF THE LOOP LOCATIONS PRIOR TO CUTTING.
10. FLASHING SIGNAL OPERATION SHALL BE RED ON ALL PHASES. PEDESTRIAN SIGNALS SHALL BE BLANK DURING FLASHING OPERATION.
11. ALL TRAFFIC SIGNAL IMPROVEMENTS SHALL BE INSTALLED IN COORDINATION WITH THE SIGNING AND STRIPING CONTRACTOR.
12. ALL SIGNAL AND PEDESTRIAN HEADS SHALL BE LED TYPE.
13. ALL PEDESTRIAN HEADS SHALL INCLUDE COUNTDOWN TIMERS.



CONSTRUCTION NOTES

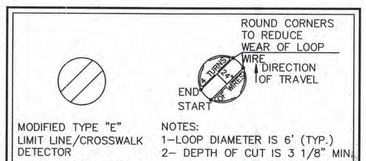
1. EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN
2. EXISTING METER PEDESTAL TO REMAIN
3. EXISTING SIGN TO BE RELOCATED TO NEW MAST ARM
4. STREET NAME SIGN TO REMAIN ON POLE
5. RELOCATE SIGNAL HEAD AND SIGN ON MAST ARM AS SHOWN
6. REMOVE AND SALVAGE EXISTING MAST ARM. FURNISH AND INSTALL NEW 20' MAST ARM
7. RELOCATE EXISTING POLE
8. INSTALL DETECTOR LOOPS
9. REMOVE AND SALVAGE TWO EXISTING PEDESTRIAN SIGNAL HEADS
10. FURNISH AND INSTALL TWO COUNTDOWN PEDESTRIAN SIGNAL HEADS
11. EXISTING ADVANCED LOOPS ON BROADWAY TO REMAIN
12. EXISTING 2" INTERCONNECT CABLE AND FIBER RUNS TO TRAFFIC SIGNAL CONTROLLER AT INTERSECTION OF 25TH STREET AND C STREET
13. EXISTING 2" INTERCONNECT CABLE AND FIBER RUNS TO TRAFFIC SIGNAL CONTROLLER AT INTERSECTION OF BROADWAY AND 30TH STREET
14. EXISTING WIRE BANNER CONNECTION ON POLE TO BE REMOVED
15. EXISTING WIRE BANNER CONNECTION CROSSING 25TH STREET BETWEEN POLES C AND D TO BE REMOVED
16. ABANDON EXISTING 2" CONDUIT. FURNISH AND INSTALL NEW 3" CONDUIT
17. FIRE STATION DRIVEWAY SHALL REMAIN ACCESSIBLE AT ALL TIMES
18. REMOVE AND SALVAGE EXISTING MAST ARM. FURNISH AND INSTALL NEW 25' MAST ARM
19. CONTRACTOR TO CONFIRM EXISTING MAST ARM BASE PLATE MATCHES CALTRANS STD PLAN ES–7O DETAIL B. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE CITY ENGINEER

R3–4

SIGN DETAILS

NOT TO SCALE

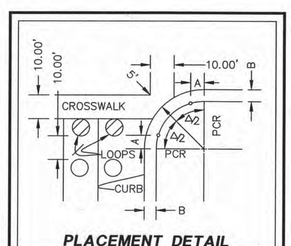
PPB QUAD



MODIFIED TYPE "E" LIMIT LINE/CROSSWALK DETECTOR

NOTES:
1–LOOP DIAMETER IS 6' (TYP.)
2– DEPTH OF CUT IS 3 1/8" MIN.

PLAN DRAWING **SAWCUT & WINDING DETAIL**



PLACEMENT DETAIL

PLACEMENT LOCATION BASED ON PCR LOCATION SHOWN ON PLANS

0 10 20 40 60
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

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Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

T-6

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT
TRAFFIC SIGNAL MODIFICATION PLAN 25TH STREET AND BROADWAY

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 19 OF 29 SHEETS

WBS S-00985

APPROVED: FOR CITY ENGINEER — DATE 8/21/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-19-D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

Apr 23, 2013 – 11:12am K:\SND_TPTO\095413004\Design \Improvements \095413004_TS01.dwg

POLE EQUIPMENT SCHEDULE

NO.	TYPE	STANDARD HGT	STANDARD SIG. M.A.	STANDARD LUM. M.A.	LUMINAIRE INDUCTION	PLACEMENT A	PLACEMENT B	SIGNAL MOUNTING VEHICLE			PEDESTRIAN SIGNAL	PEDESTRIAN PPB	REMARKS
Ⓐ	19-2-70	30'	**20'**	15'	85W – 120W	**16'-7"**	**5'-5"**	**MAS** ø4	–	SV-2-TB	**SP-2-T**	W ← 2 S ← 4	4 5 7 9 10 16
Ⓑ	19-2-70	30'	25'	15'	85W – 120W	EXISTING	EXISTING	MAT ø6	–	SV-2-TB	**SP-2-T**	N ← 4 W ← 6	4 9 10 14
Ⓒ	19-2-70	30'	**25'**	15'	85W – 120W	**4'-6"**	**10'-2"**	**MAS** ø8	–	SV-2-TB	**SP-2-T**	E ← 6 N ← 8	4 6 7 9 10 16
Ⓓ	19-2-70	30'	25'	15'	85W – 120W	**1'-2"**	**8'-5"**	MAT ø2	–	SV-2-TB	**SP-2-T**	E ← 2 S ← 8	4 7 9 10 14

BOLD = NEW
PLACEMENT LOCATION BASED ON PCR LOCATION SHOWN ON PLANS

EXISTING PHASE DIAGRAM

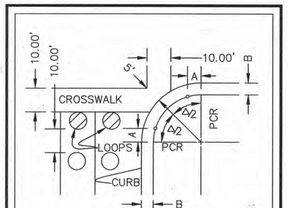
1 NOT USED	2 → ←	3 NOT USED	4 ↑ ↓
5 NOT USED	6 ← →	7 NOT USED	8 ↑ ↓

EMERGENCY OPERATION: ALL PHASES FLASH RED

PROPOSED PHASE DIAGRAM

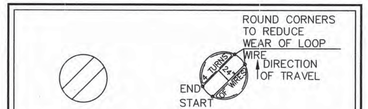
1 NOT USED	2 → ←	3 NOT USED	4 ↑ ↓
5 NOT USED	6 ← →	7 NOT USED	8 ↑ ↓

EMERGENCY OPERATION: ALL PHASES FLASH RED



PLACEMENT DETAIL

PLACEMENT LOCATION BASED ON PCR LOCATION SHOWN ON PLANS



MODIFIED TYPE "E" LIMIT LINE/CROSSWALK DETECTOR

NOTES:
1–LOOP DIAMETER IS 6' (TYP.)
2– DEPTH OF CUT IS 3 1/8" MIN

PLAN DRAWING **SAWCUT & WINDING DETAIL**

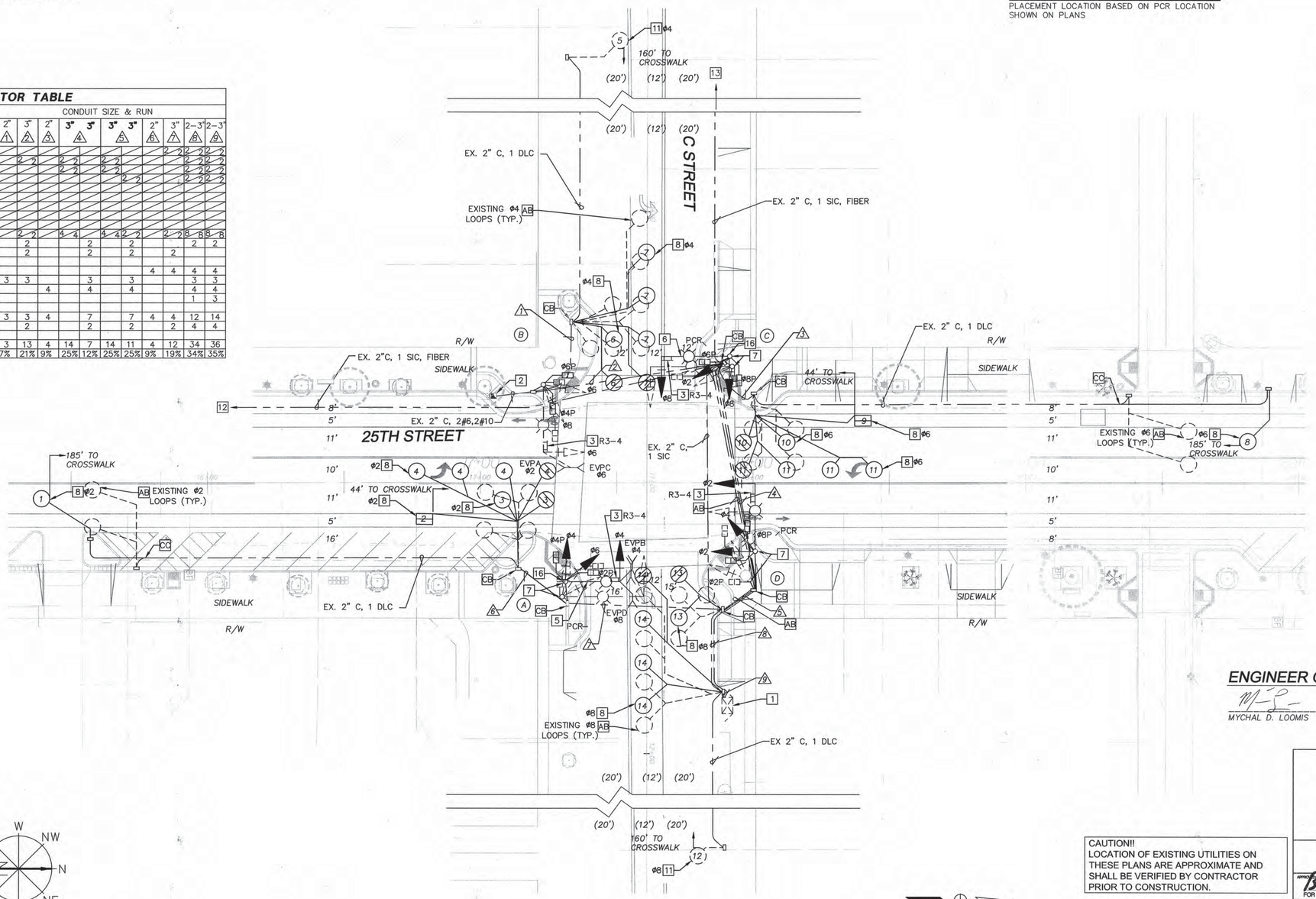
CONDUCTOR TABLE

AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN 2" ①	3" ②	2" ③	3" ④	3" ⑤	3" ⑥	2" ⑦	3" ⑧	2–3" ⑨	2–3" ⑩
CONDUCTORS 3 CONDUCTORS		POLE – A							2	2	2	2
		POLE – B	2	2	2	2	2				2	2
		POLE – C			2	2	2				2	2
		POLE – D						2	2		2	2
CONDUCTORS 12 CONDUCTORS												
TOTAL CABLES	3 CONDUCTOR/12 CONDUCTOR		2	2	4	4	4	4	2	2	8	8
#6		SIGNAL SERVICE		2		2		2			2	2
#10		LIGHTING		2		2		2		2		
6 PAIR NO.22		INTERCONNECT CABLE										
TYPE "B" DLC	2	LOOP DETECTOR							4	4	4	4
	4	LOOP DETECTOR	3	3		3		3			3	3
	6	LOOP DETECTOR			4	4		4			4	4
	8	LOOP DETECTOR									1	3
TOTAL DLC			3	3	4	7		7	4	4	12	14
EMERGENCY VEHICLE DETECTOR (EV–DLC)				2		2		2		2	4	4
TOTAL NUMBER OF CABLES			3	13	4	14	7	14	11	4	12	34	36
PERCENT FILL			7%	21%	9%	25%	12%	25%	25%	9%	19%	34%	35%

BOLD = NEW CONDUIT
ALL CABLES AND CONDUCTORS ARE NEW

DETECTOR ASSIGNMENT

DETECTOR	PHASE	SLOT	FIELD TERMINAL
1	2	I2U	T2–5 & 6
2	2	I2L	T2–7 & 8
3	2	I3U	T2–9 & 10
4	2	I3L	T2–11 & 12
5	4	I6U	T4–9 & 10
6	4	I6L	T4–11 & 12
7	4	I7U	T6–1 & 2
8	6	J2U	T3–5 & 6
9	6	J2L	T3–7 & 8
10	6	J3U	T3–9 & 10
11	6	J3L	T3–11 & 12
12	8	J6U	T5–9 & 10
13	8	J6L	T5–11 & 12
14	8	J7U	T7–1 & 2
PPB	2	I12U	T8–4 & COM 6
PPB	4	I12L	T8–5 & COM 6
PPB	6	I13U	T8–7 & COM 9
PPB	8	I13L	T8–8 & COM 9
EVA	2	J12U	T9–4 & COM 6
EVB	4	J13U	T9–7 & COM 9
EVC	6	J12L	T9–5 & COM 6
EVD	8	J13L	T9–8 & COM 9
FLASH		I14U	T8–10 & COM 12



CONSTRUCTION NOTES

1. EXISTING TRAFFIC SIGNAL CONTROLLER TO REMAIN
2. EXISTING METER PEDESTAL TO REMAIN
3. EXISTING SIGN TO REMAIN ON MAST ARM
4. STREET NAME SIGN TO REMAIN ON POLE
5. REMOVE AND SALVAGE EXISTING 30' MAST ARM. FURNISH AND INSTALL NEW 20' MAST ARM
6. REMOVE AND SALVAGE EXISTING 30' MAST ARM. FURNISH AND INSTALL NEW 25' MAST ARM
7. RELOCATE EXISTING POLE
8. INSTALL DETECTOR LOOPS
9. REMOVE AND SALVAGE TWO EXISTING PEDESTRIAN SIGNAL HEADS
10. FURNISH AND INSTALL TWO COUNTDOWN PEDESTRIAN SIGNAL HEADS
11. EXISTING ADVANCED LOOPS ON C STREET TO REMAIN
12. EXISTING 2" INTERCONNECT CABLE AND FIBER RUNS TO TRAFFIC SIGNAL CONTROLLER AT INTERSECTION OF 25TH STREET AND BROADWAY
13. EXISTING 2" INTERCONNECT CABLE AND FIBER RUNS TO TRAFFIC SIGNAL CONTROLLER AT INTERSECTION OF C STREET AND 16TH STREET
14. EXISTING WIRE BANNER CONNECTION ON POLE TO BE REMOVED
15. EXISTING WIRE BANNER CONNECTION CROSSING 25TH STREET BETWEEN POLES C AND D TO BE REMOVED (NOT USED ON THIS SHEET)
16. CONTRACTOR TO CONFIRM EXISTING MAST ARM BASE PLATE MATCHES CALTRANS STD PLAN ES–7O DETAIL B. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE CITY ENGINEER

R3–4

SIGN DETAILS
NOT TO SCALE

PPB QUAD

0 10 20 40 60
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013 DATE

T-7

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT

TRAFFIC SIGNAL MODIFICATION PLAN 25TH STREET AND C STREET

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 20 OF 29 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

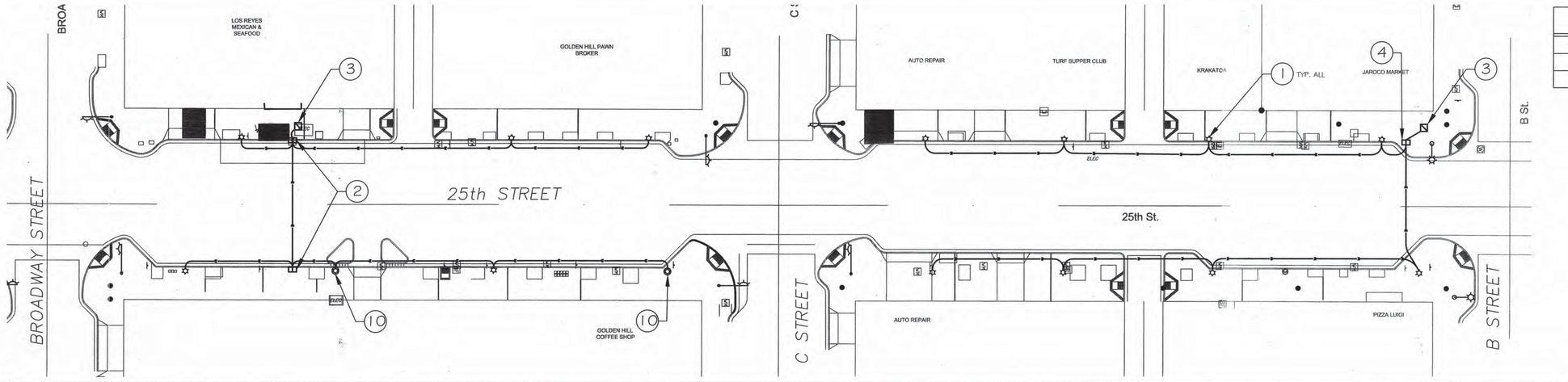
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-20-D

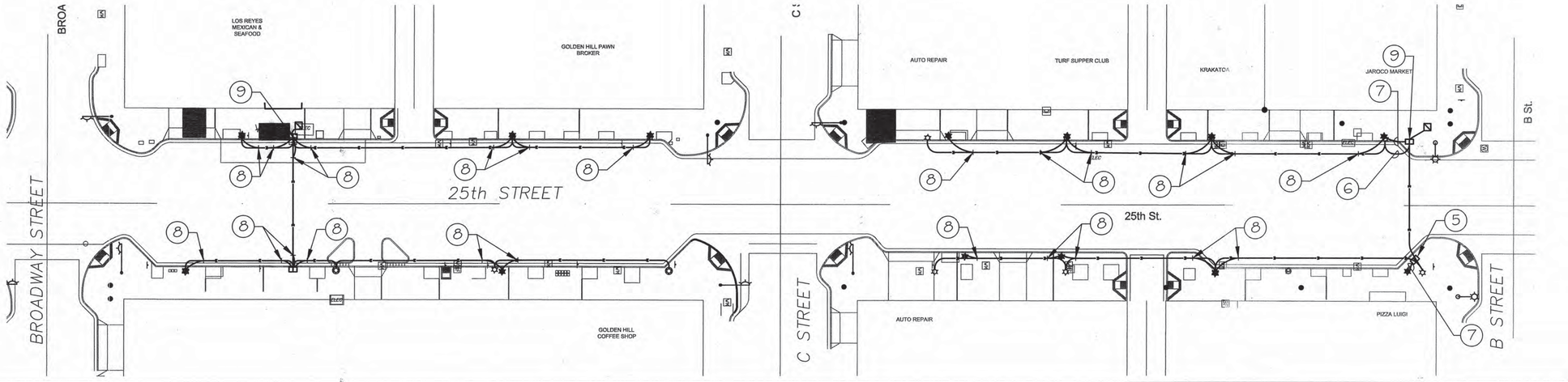
CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

Apr 23, 2013 – 11:12am K:\SND_TPTO\09541300\Design\Vmprovements\09541300_TS02.dwg

SHEET INDEX	
SHEET #	DESCRIPTION
E-1	DEMOLITION/STREET LIGHT PLAN
E-2	NOTES, LEGEND, SPECIFICATIONS, DETAILS



DEMOLITION PLAN



STREET LIGHT PLAN

PLAN NOTES

1. EXISTING STREET LIGHT TO BE RELOCATED. SEE ELECTRICAL PLAN AND CIVIL ENGINEERING DRAWINGS FOR NEW LOCATION. SEE SPEC. SECTION 7 ON SHEET 22 FOR NEW LUMINAIRE AND POLE. FOUNDATION SHALL BE DEMOLISHED TO MINIMUM .5' BELOW SIDEWALK SURFACE OR ORIGINAL GROUND.
2. EXISTING UNDERGROUND CONCRETE PULLBOX (FUSES IN STREET LIGHT PULLBOX). RELOCATE TO BEHIND CURB LINE. SEE ELECTRICAL PLAN FOR NEW LOCATION. PROVIDE NEW PULLBOX. SEE SPEC. SECTION 5 ON SHEET 22 AND DETAIL C/E-2.
3. SDG#E SERVICE POINT TO REMAIN. VERIFY EXACT LOCATION.
4. STREET LIGHT PULLBOX WITH FUSES TO REMAIN.
5. PROVIDE CONCRETE UNDERGROUND PULLBOX. SET OVER TOP OF EXISTING CONDUITS, INTERCEPT CONDUITS AND TURN UP. SEE SPEC. SECTION 5 ON SHEET 22 AND DETAIL C/E-2. RECONNECT CIRCUIT.
6. REMOVE CONDUCTORS AND ABANDON CONDUIT. TO BE RE-FED FROM A DIFFERENT DIRECTION. SEE PLANS.
7. PROVIDE 1"C-2#10, 1#10 GND. BURY 24" BELOW GRADE. RECONNECT CIRCUIT.
8. INTERCEPT EXISTING 1"C AND RE-ROUTE TO NEW LIGHT POLE/PULLBOX LOCATION. MAY REQUIRE NEW CONDUCTORS SHOULD THERE NOW BE ENOUGH SLACK IN CABLE. CONTRACTOR TO FIELD VERIFY DURING CONSTRUCTION.
9. PROVIDE NEW WATERPROOF FUSE HOLDER WITH 30A FUSES AND RECONNECT CIRCUIT.
10. EXISTING STREET LIGHT TO BE PROTECTED IN PLACE AND TO REMAIN.

CONTRACTOR NOTES

1. CONTRACTOR SHALL ALSO BE RESPONSIBLE FORDETERMINING EXACT STREET LIGHT CIRCUIT POINTS OF CONNECT AND DIRECTIONS OF FEED TO MAKE CERTAIN TO KEEP ALL OTHER LIGHTS WORKING DURING DEMOLITION.
2. IF THE POLE IS TO BE RELOCATED AND EXISTING LOCATION IS BEHIND THE NEW CURB:
   -REMOVE THE CONCRETE CAP AND POLE.
   -CUT DOWN CONDUITS TO BELOW GRADE (PROTECT WIRES).
   -INSTALL PULLBOX OVER WIRES.
   -INSTALL CONDUIT TO NEW POLE LOCATION (IF THE NEW POLE LOCATION IS MORE THAN 10' FROM THE OLD, INSTALL ANOTHER PULLBOX ADJACENT TO NEW LOCATION).
   -RE-INSTALL POLE WITH NEW GROUND ROD.
   -PULL NEW WIRE FROM PULLBOX TO STREET LIGHT (OR PULLBOX TO PULLBOX TO STREET LIGHT.
   -SPLICE WIRES IN PULLBOX; INSTALL FUSE FOR EACH PHASE WIRE.

   IF THE POLE IS TO BE RELOCATED AND EXISTING LOCATION IS IN THE NEW PAVEMENT:
   -REMOVE THE CONCRETE CAP AND POLE.
   -EXCAVATE DOWN TO WHERE CONDUITS SWEEP UP. REMOVE WIRES, EXTEND CONDUITS TO BEHIND NEW CURB. INSTALL PULLBOX.
   -INSTALL CONDUIT TO NEW POLE LOCATION (IF THE NEW POLE LOCATION IS MORE THAN 10' FROM PULLBOX, INSTALL ANOTHER PULLBOX ADJACENT TO NEW LOCATION, STREET SIDE).
   -RE-INSTALL POLE WITH NEW GROUND ROD.
   -PULL NEW WIRES THROUGH CONDUIT(S) FROM STREET LIGHT TO STREET LIGHT.
   -SPLICE WIRES IN PULLBOX; INSTALL FUSE FOR EACH PHASE WIRE.

NORTH

SCALE: 1"=30'-0"

Underground Service Alert of Southern California

CALL TOLL FREE 1-800-422-4133

TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
MILTON C. NIEDERHAUS
No. E 8536
ELECTRICAL
EXP. 9/14
STATE OF CALIFORNIA

VISUAL CONCEPTS
PRODUCERS OF LIGHTING FUSION
PH:858-278-4583 FAX:858-278-4573
7297 ROBSON RD. SUITE C | SAN DIEGO, CA. 92111
WWW.VISUALCONCEPTSINC.COM

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

E-1

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT DEMOLITION/STREET LIGHT PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 21 OF 29 SHEETS

WBS S-00985

APPROVED: Brad Delaney 8/13/13
FOR CITY ENGINEER DATE

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	VCI			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-21-D

CONSTRUCTION NOTES

A. ALL 90 DEGREE ELBOWS TO BE FACTORY MADE BENDS.

B. STREET LIGHTING SYSTEM CONDUITS MAY BE JOINT TRENCH WITH PUBLIC UTILITY SYSTEM.

C. CONTRACTOR TO MAINTAIN PROPER SEPARATION AS REQUIRED BY THE UTILITY COMPANIES.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR ANY AND ALL UTILITY AND CITY INSPECTIONS.

E. ALL WORK TO CONFORM WITH THE 2010 CEC (2008 NEC) OR LATEST APPLICABLE CODE.

F. ALL EQUIPMENT TO BE LISTED BY A RECOGNIZED TESTING LAB (i.e.. U.L., ETC.).

G. ALL CONDUIT SHALL BE BURIED AT A MINIMUM OF 24" COVER. REFER TO SAN DIEGO REGIONAL STANDARD DRAWING E-2.

H. ALL GROUND CONDUCTORS SHALL BE SPLICED TOGETHER WITH APPROVED CONNECTOR AT PULL BOXES AND CONNECTED TO GROUND LUG INSIDE POLE.

I. SEE STREET IMPROVEMENT PLAN FOR ROADWAY AND WATER IMPROVEMENTS PRIOR TO START OF CONSTRUCTION.

J. CONTRACTOR SHALL CONTACT "DIG ALERT" FOR MARK-OUT PRIOR TO TRENCHING AS REQUIRED.

K. THESE PLANS ARE SCHEMATIC AND ARE FOR THE PURPOSE OF SHOWING HOW TO CONNECT THE ELECTRICAL SYSTEM. WHILE THE DRAWING IS AT ACTUAL SCALE, THE SYMBOLS REFERENCED ARE NOT, AND MAY APPEAR TO SHOW THE EQUIPMENT IN PLACES NOT INTENDED. THE CONTRACTOR IS TO FIELD VERIFY ALL UTILITY COMPANY SERVICE POINTS, POLES, PULL BOXES, SERVICE EQUIPMENT LOCATIONS AND OTHER ELECTRICAL APPURTENANCES AND VERIFY ALL LIGHT LOCATIONS WITH THE CITY PRIOR TO START OF CONSTRUCTION AND DURING STAKING. REFER TO LIGHT STANDARD DETAIL FOR STANDARDS.

L. NATIVE SOIL SHALL BE ACCEPTABLE FOR TRENCH BACK FILL PROVIDED THAT THE FILL MATERIAL USED SHALL PASS THROUGH A 1" SIEVE. THE CITY INSPECTORS RESERVE THE RIGHT TO REQUEST ALL TRENCHES BE SLURRY BACKFILLED. SEE TRENCH DETAIL BVE-2.

M. ALL MATERIAL BROUGHT ONTO THE JOB SITE (ALL WIRE, CONDUIT, FITTINGS, PULLBOXES, ETCETERA)SHALL BE PURCHASED AS NEW.

SPECIFICATION SECTION

1. FUSE HOLDERS TO BE WATERPROOF AND UL LISTED.

2. ALL ELECTRICAL WIRING TO BE SOLID COPPER CONDUCTOR WITH MINIMUM #10 AWG, THWN/THHN INSULATION RATED AT 600 VOLTS.

3. ALL BELOW GRADE CONDUIT TO BE MINIMUM 1" PVC SCHEDULE 40, UNLESS ALL STREET CROSSINGS SHALL BE 1 1/2" MIN. SCH. 80.

4. ALL SPLICES BELOW GRADE SHALL ALL BE WATERPROOF AND EPOXY ENCAPSULATED. USE TYPE '3M' BAGS OR EQUAL.

5. ALL PULL BOXES TO BE EITHER BROOKES TYPE 3 1/2 (10-1/2" X 17-1/2" X 12"D) FOR STREET LIGHTS OR EQUAL, WITH BOLT DOWN COVER MARKED "STREET LIGHTS". LEAVE 3' SLACK OF CONDUCTORS IN PULLBOX. SIZE PER SECTION 370-2B, CEC. SEE DETAIL C/E-2.

6. ALL BELOW GRADE CONDUIT SHALL BE SEALED UPON COMPLETION OF INSTALLATION.

7.
   A. THE LIGHTING LUMINAIRE SHALL BE A COMPLETE ASSEMBLY OF LUMINAIRE AND POLE. THE ACCEPTABLE MANUFACTURERS ARE W. J. WHATLEY.

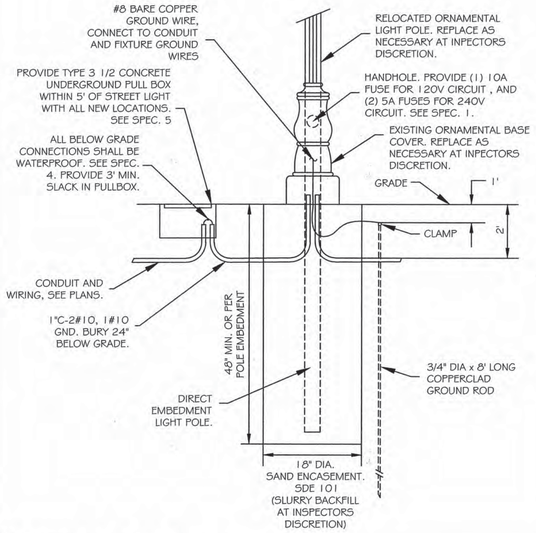
   B. THE POLE ASSEMBLY SHALL BE FIBERGLASS AND SUPPLIED IN ONE PIECE UNITIZED CONSTRUCTION. THE COMPLETE POLE ASSEMBLY SHALL BE COMPOSED OF THE FOLLOWING.
      1. POLE: SHALL BE FIBERGLASS, ROUND, HOLLOW, NON TAPERED STRAIGHT WITH 16 FLUTES WITH AN OUTSIDE DIAMETER OF 4.0". POLE SHALL BE DIRECT BURIED. MINIMUM WALL THICKNESS SHALL BE 1/4".
      2. POLE TOP SHALL BE TENON STYLE. TENON SHALL BE HOT DRIPPED GALVANIZED STEEL BONDED TO THE POST TOP. THE STEEL TENON SHALL BE STRAIGHT, 2 7/8" O.D. WITH URETHANE FINISH.
      3. WIRE ENTRANCE: THE WIRE ENTRANCE BELOW GRADE SHALL BE A 1 3/8" DIAMETER HOLE.
      4. HANDHOLE: THE HANDHOLE SHALL BE 2" DIAMETER WITH NON-CORROSIVE METAL COVER PAINTED TO MATCH POLE. IT SHALL BE LOCATED UNDER ORNAMENTAL SLIP OVER DECORATIVE BASE.
      5. DECORATIVE BASE COVER: DECORATIVE BASE COVER SHALL BE ONE PIECE FIBERGLASS PAINTED TO MATCH POLE. COVER SHALL BE ATTACHED TO POLE WITH STAINLESS STEEL HEX SOCKET LOCKING SCREWS.
      6. FINISH: POLE FINISH SHALL BE DUNN-EDWARDS #Q12-15D, DARK BLUE-GREEN, SUBMIT COLOR CHART FOR CITY APPROVAL.

   C. LUMINAIRE SHALL BE A COMPLETE ASSEMBLY MOUNTED ATOP THE POLE AND COMPOSED OF THE FOLLOWING:
      1. SLIP FITTER/GLOBE HOLDER: HOLDER SHALL BE FLUTED CAST ALUMINUM. FINISH SHALL MATCH POLE.
      2. GLOBE: GLOBE SHALL BE FROSTED POLYCARBONATE ACORN SHAPE.

   D. SUBMIT SHOP DRAWING OF STREET LIGHTING LUMINAIRE.

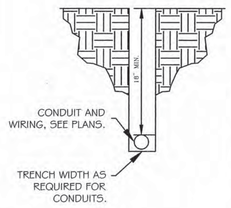
LEGEND

- SDG&E ELECTRIC POINT OF CONNECTION. VERIFY EXACT LOCATION
- UNDERGROUND CONCRETE PULL BOX. SEE SPEC. SECTION 5 ON THIS SHEET AND DETAIL C/E-2
- BELOW GROUND ELECTRICAL CONDUIT AND WIRES
- —E— EXISTING ELECTRICAL CONDUITS
- EXISTING STREET LIGHT TO BE RELOCATED
- EXISTING STREET LIGHT TO REMAIN IN PLACE
- NEW STREET LIGHT/PULLBOX LOCATION. SEE DETAIL A, C/E-2 FOR NEW INSTALLATION.



NO SCALE

Ⓐ STREET LIGHT/PULLBOX INSTALLATION DETAIL (SEE SDRSD E-2)



NO SCALE

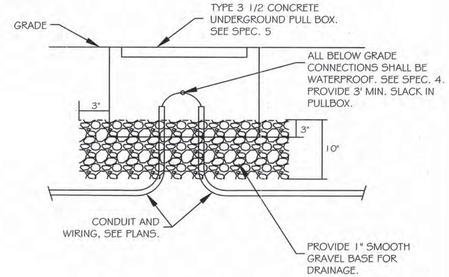
Ⓑ TRENCH INSTALLATION DETAIL

BACKFILL MATERIAL:
THE MATERIAL USED FOR BACKFILLING THE TRENCH ABOVE THE SHADING MATERIAL AND EXTENDING UPWARD TO THE SUBGRADE SHALL BE FREE OF ROCKS OR CLODS LARGER THAT 6" IN ANY DIMENSION. THE COARSE MATERIAL SHALL BE WELL DISTRIBUTED THROUGHOUT THE FINER MATERIAL. THE AMOUNT OF ROCKS OR CLODS SHALL BE LIMITED, IN THE OPINION OF THE INSPECTOR. THE BACKFILL MATERIAL SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES, ORDINANCES AND CITY STANDARDS AND BE FREE OF DEBRIS AND ORGANIC MATTER. SLURRY BACKFILL MAY BE REQUIRED BY CITY INSPECTOR. CHECK WITH CITY PRIOR TO START OF CONSTRUCTION.

SHADING MATERIAL AND INSTALLATION:
NATURAL SAND, MANUFACTURED SAND, DECOMPOSED GRANITE, ROCK FREE SANDY LOAM, EXISTING NATIVE MATERIAL OR COMBINATION THEREOF. AGGREGATE MATERIAL SHALL BE CAPABLE OF PASSING THROUGH A ½" SIEVE. GRAVEL SHALL NOT AMOUNT TO MORE THAN 50% OF MIXTURE. SCREENING OR OTHER SUITABLE MEANS MAY BE REQUIRED AT THE INSPECTORS DISCRETION.
THE EARTH TRENCH BOTTOM SHALL BE STABLE WITH A UNIFORM GRADE CONTAINING NO HARD CLODS, ROCKS, AND ETCETERA. THAT MAY DAMAGE THE CONDUIT. IF IN THE OPINION OF THE INSPECTOR, THE CONDUIT MAY BE DAMAGED DURING COMPACTION, A 3" SHADE OF MATERIAL ABOVE AND BELOW THE CONDUIT MAY BE REQUIRED.

COMPACTION:
SHADING AND BACKFILL SHOULD BE COMPACTED IN ACCORDANCE WITH GOVERNMENTAL AGENCIES AND SHALL HAVE A MINIMUM OF 90% RELATIVE COMPACTION. VERIFY REQUIREMENTS WITH INSPECTOR.

NOTE TO CONTRACTOR:
FOLLOW SDG&E WORK ORDERS FOR UTILITY TRENCH REQUIREMENTS.



NO SCALE

Ⓒ PULL BOX INSTALLATION DETAIL

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP	MANUFACTURER & CATALOG NUMBER
Ⓐ ✱	DECORATIVE POLE TOP MOUNTED LOW PRESSURE SODIUM LUMINAIRE WITH ACORN SHAPED FROSTED POLYCARBONATE GLOBE, MOUNTED ON FIBERGLASS FLUTED DIRECT BURIED POLE, SEE DETAIL A/E-2 AND SPECIFICATION 7/E-2.	1-55W LOW PRESSURE SODIUM	W.J. WHATLEY #1004-55-LPS-FL-MT-F-SP-PE #OE-202-12-SP-2

✱ COLOR FOR POLE AND SLIP FITTER SHALL BE DUNN-EDWARDS #Q12-15D DAK BLUE-GREEN, SUBMIT COLOR CHART FOR CITY APPROVAL.

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

E-2

REGISTERED PROFESSIONAL ENGINEER — MILTON C. NIEDERHAUS — No. E 8636 ELECTRICAL EXP. 9/14 — STATE OF CALIFORNIA

VISUAL CONCEPTS — PRODUCERS OF LIGHTING FUSION
PH:858-278-4583 FAX:858-278-4573
7207 ROSSON RD. SUITE C | SAN DIEGO, CA. 92111
WWW.VISUALCONCEPTSINC.COM

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT NOTES, LEGEND, SPECIFICATIONS, DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 22 OF 29 SHEETS

WBS S-00985

APPROVED Bruce Schlaefer FOR CITY ENGINEER — DATE 8/11/13

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	VCI			

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-22-D

WATER GROUP JOB 960

CONTRACTOR'S RESPONSIBILITIES

1. PURSUANT TO SECTION 4216 OF THE CALIFORNIA GOVERMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACTTHE REGIONAL NOTIFICATION CENTER (e.g., UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFCATION NUMBER.
2. NOTIFY SGD&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69KV & HIGHER).
3. EXCAVATE AROUND WATER METER BOX (I.E., CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING THE MAIN.
4. CITY FORCES, WHEN SPECIFIED OR SHOWN ON THE PLANS, WILL MAKE PERMANENT CUTS AND PLUGS AND CONNECTIONS.
5. EXISTING MAINS SHALL BE KEPT IN SERVICE IN LIEU OF HIGH-LINNING. UNLESS OTHERWISE SHOWN ON PLANS.
6. THE LOCTIONS OF EXISTING BUILDINGS AS SHOWN ONT THE PLAN ARE APPROXIMATE.
7. KEEP STORM DRAIN INLETS FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION
8. UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORDED INFORMATION ONLY AND ARE SOLELY FOR YOUR CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. PRIOR TO EXCAVATION, YOU MUST VERIFY ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS, SECTION 5-1.
9. EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.
10. CONTRACTOR TO REQUEST AND COORDINATE SHUTDOWNS AND CUT & PLUG WITH THE WATER OPERATIONS VIA RESIDENT ENGINEER AT LEAST THREE WEEKS IN ADVANCE.

STORM WATER PROTECTION

1. THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. R9-2007-0001 AND WPCP.

ABBREVIATIONS

ABAND	ABANDON	EB	ENCASED BURIED	OVHD	OVER HEAD
ABAND'D	ABANDONED	EL, ELEV	ELEVATION	PVC	POLYVINYL CHLORIDE
AC	ASBESTOS CEMENT PIPE	ELEC	ELECTRIC	PROP	PROPOSED
		EX, EXIST	EXISTING	RED	REDUCER
AHD	AHEAD	E/O	EAST OF	RT	RIGHT
ASSY	ASSEMBLY	F	FLANGE	℄	SURVEY LINE
BK	BACK	GV	GATE VALVE	SO	STUB OUT
BFV	BUTTERFLY VALVE	HDPE	HIGH-DENSITY POLYETHYLENE	S/O	SOUTH OF
BTWN	BETWEEN			SWR	SEWER
CATV	CABLE TV	HP	HIGH PRESSURE	TEL	TELEPHONE
CI	CAST IRON PIPE	IE	INVERT ELEVATION	UNK	UNKNOWN
℄	CENTER LINE	LT	LEFT	VC	VITRIFIED CLAY PIPE
COND	CONDUIT	MJ	MECHANICAL JOINT	WM	WATER METER
CONT	CONTINUED	MTD	MULTIPLE TELEPHONE DUCT	WTR	WATER
CONTR	CONTRACTOR	N/O	NORTH OF	W/O	WEST OF
DB	DIRECT BURIED				

EXISTING STRUCTURES

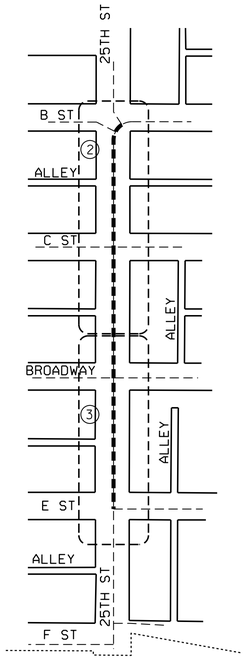
EX WATER MAIN & VALVES
EX WATER METER
EX FIRE HYDRANT
EX SEWER MAIN & MANHOLES
EX DRAINS
EX PAVEMENT (PROFILE)
EX GROUND LINE (PROFILE)
EX TRAFFIC SIGNAL — TS
EX STREET LIGHT — SL
GAS MAIN
ELEC. COND., TEL. COND., CATV — E — T — C —
RAILROAD, TROLLEY TRACKS

LIMITS OF WORK

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE SIZE (IN)	PIPE MATERIAL	LENGTH (FT)
23	G-2	COVER SHEET	WATER			
24	C-11	25TH STREET	STA. 1+00.00 TO 7+00.00	16	PVC	600.00
25	C-12	25TH STREET	STA. 7+00.00 TO 12+40.60	16	PVC	540.60
25	C-12	25TH STREET	STA. 12+40.60 TO 12+81.84	12	PVC	41.24
26	C-13	CITY FORCES OR CONTRACTOR				
27	C-14	WATER POLLUTION CONTROL SITE PLANS		TOTAL	WATER	1,181.84
28	C-15	CURB RAMP LOCATION				
29	C-16	HORIZONTAL ALIGNMENT COORDINATE INDEX REPORT				
29	C-16	MISCELLANEOUS DETAILS				

DISCIPLINE CODE

G GENERAL
C CIVIL

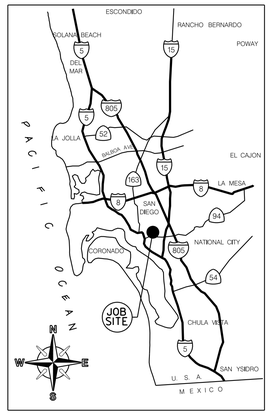


LEGEND:

PROPOSED WATER MAIN
EX. WATER MAIN

WORK TO BE DONE

CONSTRUCTION CONSIST OF THE INSTALLATION OF 1,140.60 LINEAR FEET OF 16" WATER SERVICES, 41.24 LINEAR FEET OF 12" WATER SERVICES, FIRE HYDRANTS, TRAFFICE CONTROL AND OTHER APPURTENANCES SHOWN ON THIS PLANS, AND SPECIPICATION.



VICINITY MAP
NOT TO SCALE

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
CONCRETE PROTECTION FOR EXIST SEWER PIPE	SDS-116	
CONCRETE ENCASEMENT	SDS-112	
CUTTING AND PLUGGING ABANDONED WATER MAIN	WP-03	E
SURVEY MONUMENT	M-10	
WATER MAIN & APPURTENANCES	SDW-100, WP-01, WT-01, FOR PIPE BEDDING & TRENCH BACKFILL DETAIL, SEE SHEET 6	
VALVES WITH CAPS AND WELLS	SDW-100, SDW-109, WV-02 TYPE B, WV-03, WV-04, WV-5	
FIRE SERVICE CONNECTION & ASSEMBLY	SDW-109, SDW-118, WV-02 TYPE B	P.L. F PROPOSED WATER
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT	SDW-100, SDW-109, M-19, WF-04, WP-01, WV-02 TYPE B, 6" FIRE HYDRANT SEE DETAIL SHEET 6	
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	SDW-100, SDW-134, SDW-135 SDW-136, SDW-137, SDW-138, WP-01, WS-01, WS-02, WS-03, NARROW TRENCH FOR 1" & 2" WATER SERVICES, SEE DETAIL, SHEET 6	WM P.L. W PROPOSED WATER

KEY MAP
NO SCALE

FIELD DATA

BENCHMARK: (198.00) NWP 25TH ST.
FIELD NOTES: MACY/MAYER, 200-S00985 1/21/2011
DATUM: MEAN SEA LEVEL
STREETS REQUIRING 9" TRENCH CAP:
•STREET NAMES• 25TH STREET

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH ____ MEDIUM ____ LOW. X.

SPEC. NO. 5524

AS-BUILT INFORMATION

MATERIALS	MANUFACTURER
PIPE CL 235 (WATER)	-
GATE VALVES	-
FIRE HYDRANTS	-
	-
	-
	-
	-

REGISTERED PROFESSIONAL ENGINEER — LUIS A. SCHAAR — No. C-68255 — CIVIL — STATE OF CALIFORNIA

CONSTRUCTION CHANGE / ADDENDUM

CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING
0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

CITY OF SAN DIEGO
PUBLIC WORKS PROJECT

G-2

PLANS FOR THE CONSTRUCTION OF
WATER GROUP JOB 960
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 23 OF 29 SHEETS

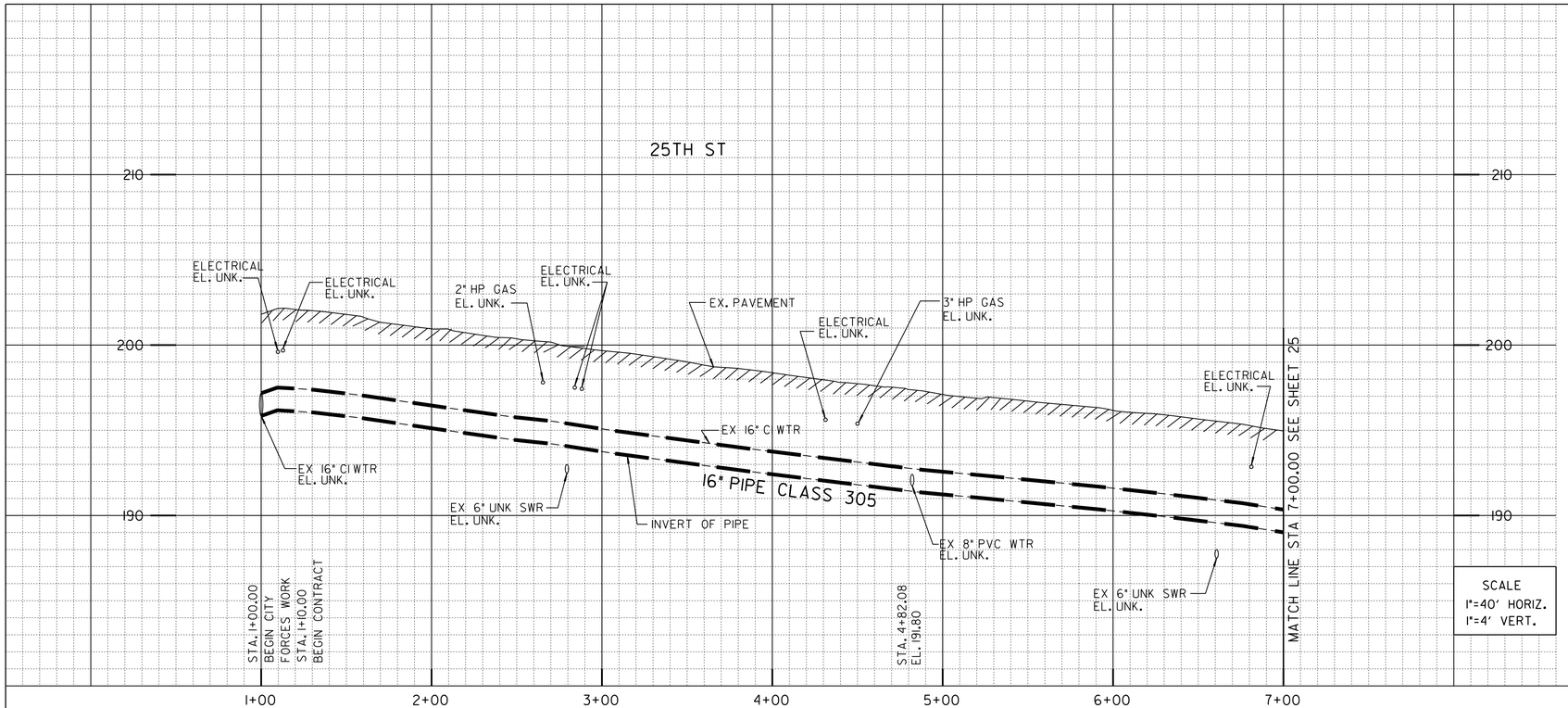
APPROVED: FOR CITY ENGINEER — DATE 7/29/13

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

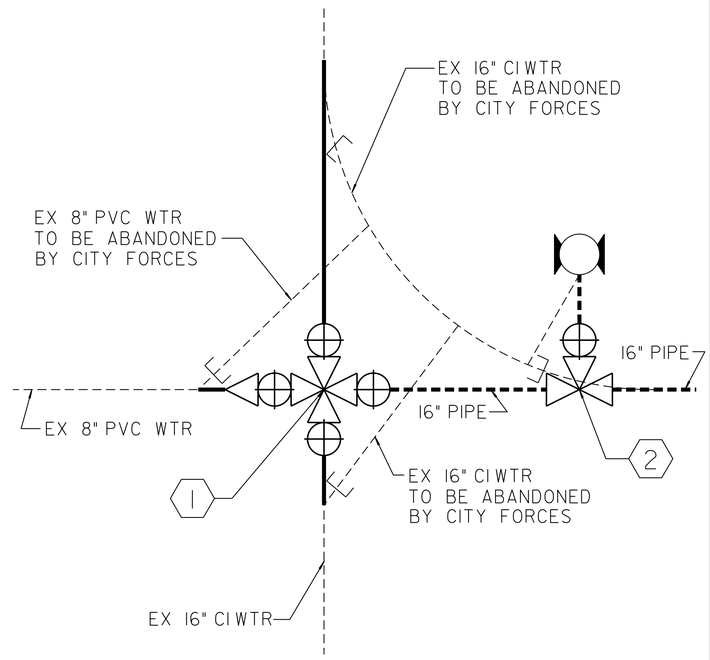
CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

WATER WBS	B12016
SEWER WBS	
SUBMITTED BY:	LAILA NASRAWI, PROJECT MANAGER
	LOTOUS LENGUYEN, PROJECT ENGINEER
	200-1725, CCS27 COORDINATE
	6286407-1838444, CCS83 COORDINATE
	36515-23-D

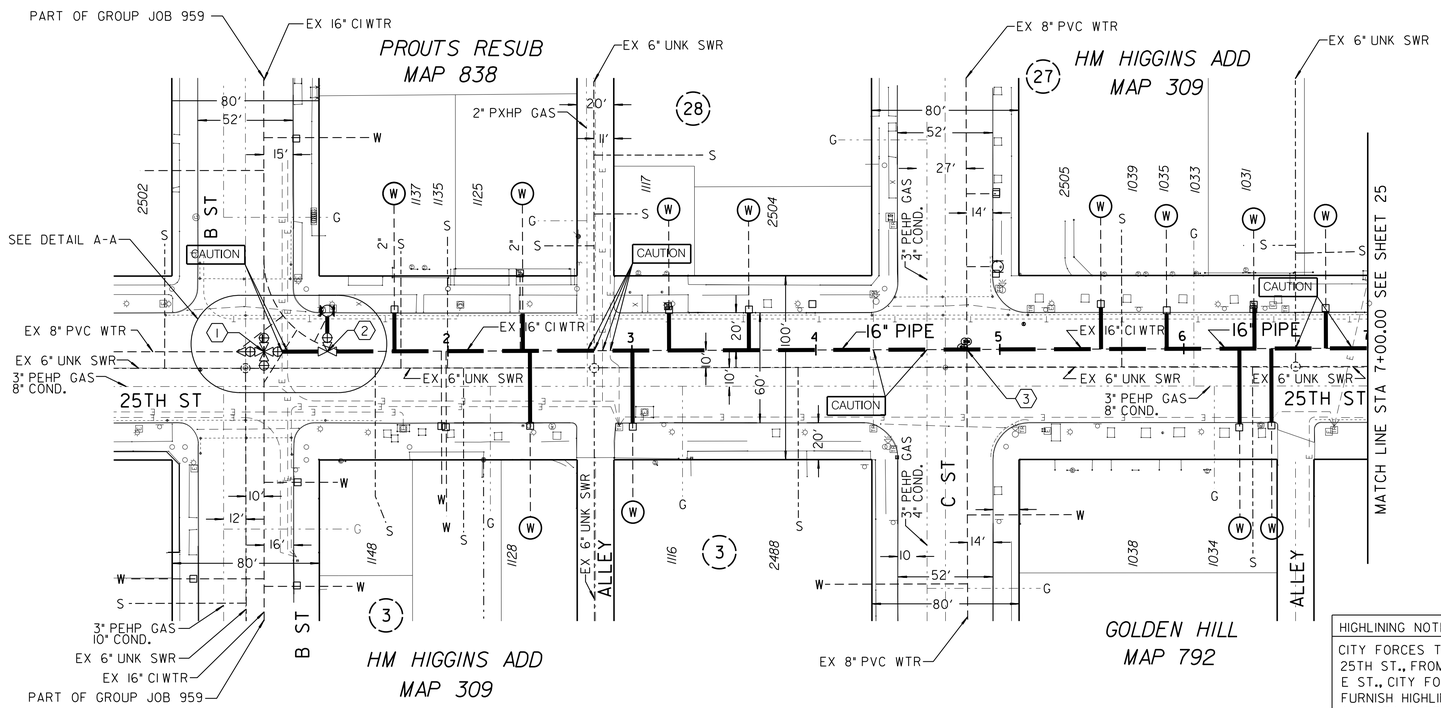
WATER GROUP JOB 960



SCALE
1"=40' HORIZ.
1"=4' VERT.

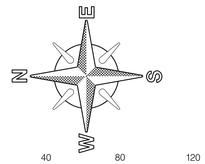


DETAIL A-A



HIGHLINING NOTE:

CITY FORCES TO HIGHLINE 25TH ST., FROM B ST., TO E ST., CITY FORCES TO FURNISH HIGHLINE MATERIALS AND TRANSFER SERVICES.



(1) BY CITY FORCES
AHD OF CONTRACTOR

STA 1+00.00
CUT IN & ABANDON
1- 16" CROSS (F)
4 - 16" BFV (MJ, F) BK, AHD, LT, RT
1- 16" X 8" REDUCER (MJ, F) BK
1- 15' ± 8" PIPE BK
1- 55' ± 16" PIPE LT
1- 60' ± 16" PIPE RT

(2) BY THE CONTRACTOR
FURNISH & INSTALL

STA 1+34.43
1- 16" X 6" TEE (MJ, MJ, F)
1- 6" FH ASSY AND MARKER

(3) BY CITY FORCES
AHD OF CONTRACTOR

STA 4+82.08
CLOSE EX 16" VALVE BK. CONNECT TO EX. VALVE. REOPEN AFTER NEW MAIN HAS BEEN ACCEPTED.
CLOSE EX. 16" VALVE AHD. CONNECT TO EX. VALVE. REOPEN AFTER NEW MAIN HAS BEEN ACCEPTED.

REFERENCE:

WATER: 26034-5-D, 27076-3-D, 12202-14-D
SEWER: 26034-5-D, 27076-3-D
STORM DRAIN: 200-1725
GAS:
ELECTRIC: 200-1722D
CABLE TV:
TELEPHONE: CS040IDC.DGN, CS040IBA.DGN
IMPROVEMENTS:
100' SCALE/FIELD BOOK: H22S
THOMAS BROS.: 1289 3D
HGL:

RETIREMENTS:

16" - CI- 600' - 1960
FH (2-PORT) - 1
1" SERVICE - 10 - COPPER - 2008
2" SERVICE - 2 - COPPER - 2008

REGISTERED PROFESSIONAL ENGINEER
LUIS A. SCHAAR
No. C-68255
CIVIL
STATE OF CALIFORNIA

C-11

WATER GROUP JOB 960

25TH STREET

STA 1+00.00 TO STA 7+00.00

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 24 OF 29 SHEETS

WATER WBS B12016
SEWER WBS

APPROVED FOR CITY ENGINEER — DATE 7/29/13

SUBMITTED BY: LAILA NASRAWI, ASSOCIATE ENGINEER
CHECKED BY: LOTOUS LENGUYEN, PROJECT ENGINEER

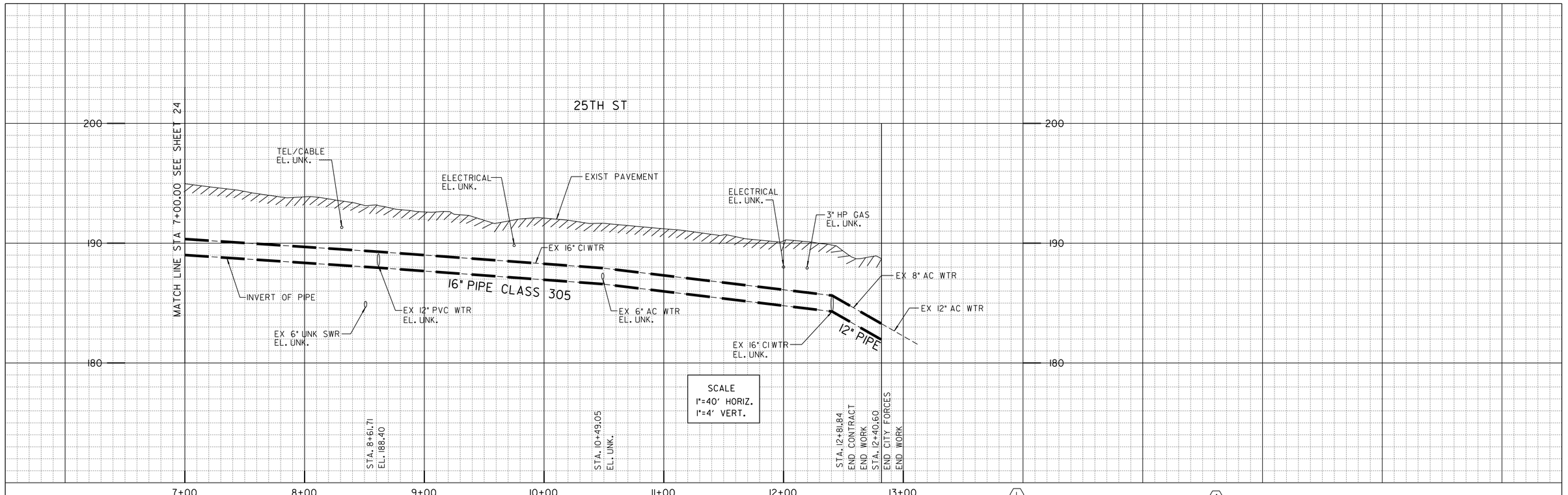
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

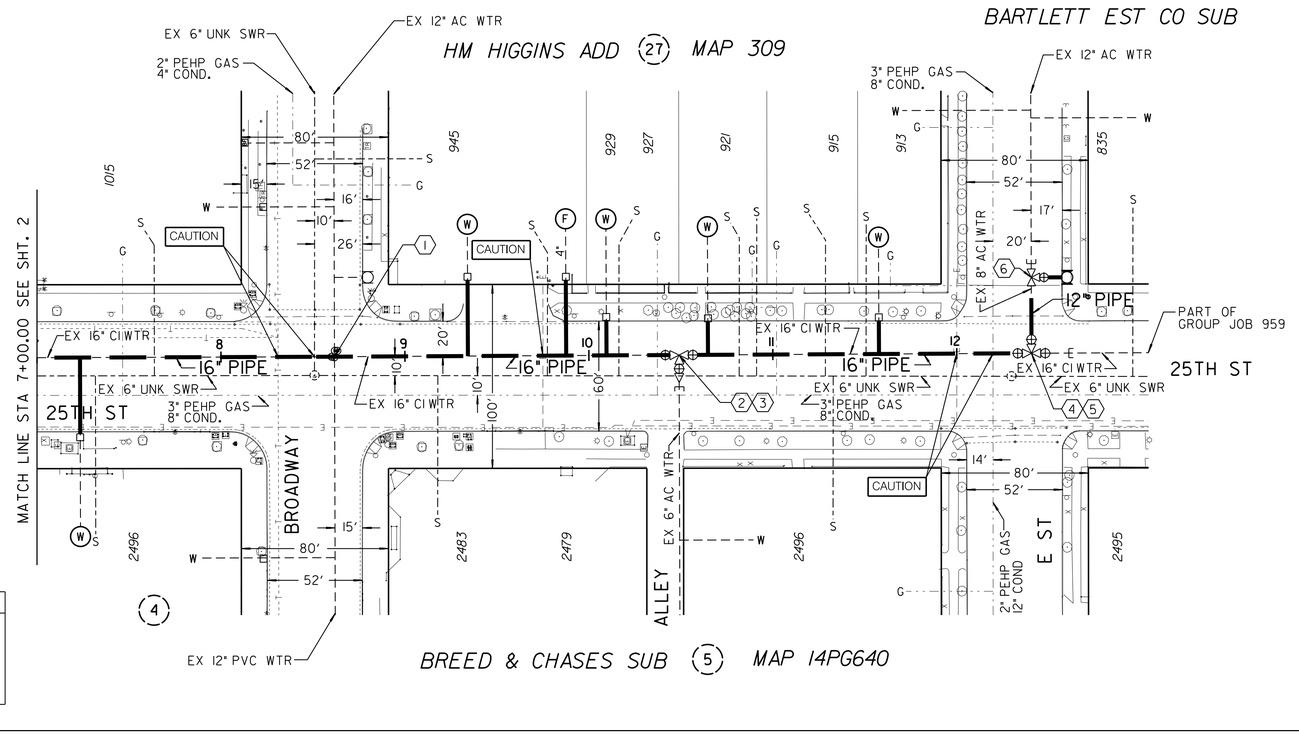
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-24-D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

25TH STREET

25TH STREET





(1) BY CITY FORCES
AHD OF CONTRACTOR

STA 8+61.71
CLOSE EX. 16" VALVE BK. CONNECT TO EX. VALVE. REOPEN AFTER NEW MAIN HAS BEEN ACCEPTED.
CLOSE EX. 16" VALVE AHD. CONNECT TO EX. VALVE. REOPEN AFTER NEW MAIN HAS BEEN ACCEPTED.

(2) BY CITY FORCES
AHD OF CONTRACTOR

STA 10+49.05
CUT & PLUG
EX. 6" AC WTR., 15' ± RT
RECONNECT AFTER THE NEW MAIN HAS BEEN ACCEPTED.

(3) BY THE CONTRACTOR
FURNISH & INSTALL

STA 10+49.05
1 - 16" X 12" TEE (F)
2 - 16" BFV (MJ, F) BK, AHD
1 - 12" GV (F, MJ) RT
1 - 12" X 6" REDUCER (F, MJ) RT

(4) BY CITY FORCES
AHD OF CONTRACTOR

STA 12+40.60
CUT & PLUG
EX. 16" CI WTR., 15' ± AHD
EX. 12" AC WTR., 45' ± LT
RECONNECT AFTER THE NEW MAIN HAS BEEN ACCEPTED.

(5) BY THE CONTRACTOR
FURNISH & INSTALL

STA 12+40.60
1 - 16" X 12" TEE (F)
2 - 16" BFV (MJ, F) BK, AHD
1 - 12" GV (F, MJ) LT

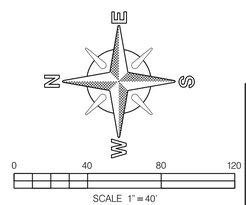
(6) BY THE CONTRACTOR
FURNISH & INSTALL

STA 12+81.84
1 - 12" X 6" TEE (F, MJ, MJ)
1 - 6" FH ASSY AND MARKER

REFERENCE:
WATER: 12870-2-D, 12870-4-D
19807-7-D, 8634-0-W
SEWER: 26034-5-D, 27076-3-D, 200-0-L
STORM DRAIN:
GAS:
ELECTRIC: 200-1725
CABLE TV:
TELEPHONE: CS040IDA.DGN, CS040IBC.DGN
IMPROVEMENTS:
100' SCALE/FIELD BOOK:
THOMAS BROS.: 1289 3C
HGL:

RETIREMENTS:
8" - AC - 41.24' - 1960
16" - CI - 540.60' - 1960
FH (2-PORT) - 1
1" - SERVICE - 5 - COPPER - 2008
4" FIRE SERVICE - 1

HIGHLINING NOTE:
CITY FORCES TO HIGHLINE 25TH ST., FROM B ST., TO E ST., CITY FORCES TO FURNISH HIGHLINE MATERIALS AND TRANSFER SERVICES.



REGISTERED PROFESSIONAL ENGINEER
LUIS A. SCHLAAR
No. C-68255
CIVIL
STATE OF CALIFORNIA

C-12

WATER GROUP JOB 960
25TH STREET
STA 7+00.00 TO STA 13+00.00

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 25 OF 29 SHEETS

WATER WBS B12016
SEWER WBS

APPROVED: FOR CITY ENGINEER
DATE: 7/29/13
SUBMITTED BY: LAILA NASRAWI, ASSOCIATE ENGINEER
CHECKED BY: LOTOUS LENGUYEN, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

200-1725
CCS27 COORDINATE
6286407-1838444
CCS83 COORDINATE

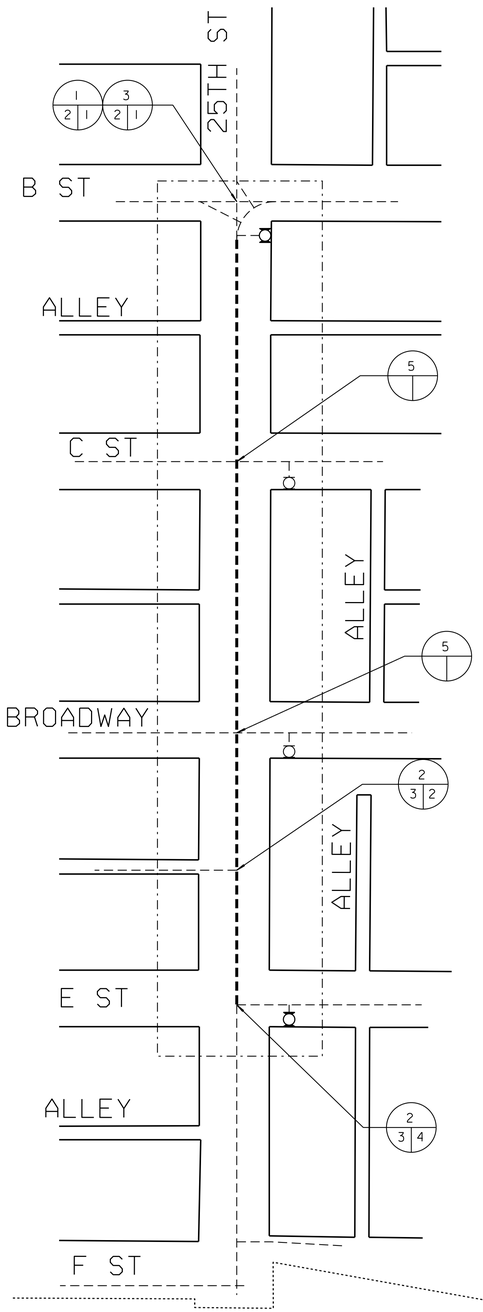
CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-25-D

WORK BY CITY FORCES OR CONTRACTOR

FOR THE CITY FORCE WORK			
SHT	8" PIPE (LF)		
2	15		

CONTRACTOR FURNISHED MATERIALS FOR CITY FORCE WORK				
SHT	16" BF VALVE	16" PIPE (LF)	16" CROSS	16" X 8" REDUCER
2	4	115	1	1



LEGEND

- EXISTING WATER MAIN
- PRESSURE ZONE BOUNDARY
- PROPOSED WATER MAIN
- FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION
- FIRE HYDRANT TO BE REPLACED

3 / 24 | 6 — CITY FORCES NOTE NUMBER (THIS SHEET); CITY FORCES NOTE NUMBER (PLAN & PROFILE SHT.); PLAN & PROFILE "D" SHEET NUMBER

BC --- BEFORE CONTRACTOR

AC --- AFTER CONTRACTOR

WORK BY CITY FORCES

1 — BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT. OPEN VALVE(S)

2 — BC - CUT & PLUG
AC - RECONNECT

3 — BC - CUT AND ABANDON

4 — AC - WET TAP

5 — BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE

AREA TO BE HIGHLINED IN PHASES

PHASE I

N W E S

NO SCALE

REGISTERED PROFESSIONAL ENGINEER — LUIS A. SCHAAR — No. C-68255 — CIVIL — STATE OF CALIFORNIA

C-13

WATER GROUP JOB 960

WORK BY CITY FORCES

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 26 OF 29 SHEETS

WATER W.O. B12016
SEWER W.O.

APPROVED: DEPUTY DIRECTOR — DATE 7/29/13

SUBMITTED BY: LAILA NASRAWI, SECTION HEAD

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

DESIGNED: LOTOUS LENGUYEN, ASSOCIATE ENGINEER

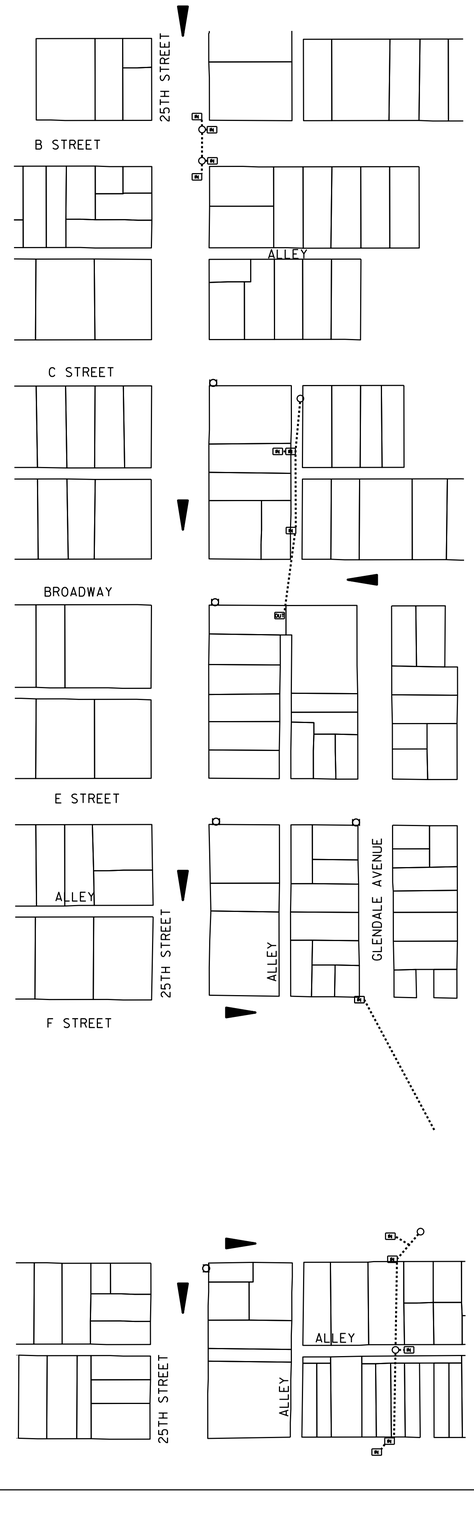
200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-26-D

WORK BY CITY FORCES OR CONTRACTOR



NOTES:

THE INFORMATION ON THIS SITE PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTOR TO INSTALL WATER POLLUTION CONTROL DEVICES AT GENERAL LOCATIONS THROUGHOUT THE PROJECT SITE. THIS SITE PALN IS TO BE USED IN CONJUNCTION WITH THE NARRATIVE SECTION OF THE WATER INLET PROTECTION REQUIRED AT ALL STORM DRAINS RECEIVING RUNOFF FROM DISTURBED THE INFORMATION ON THE SITE PLAN IS ACCURATE FOR WATER POLLUTION CONTROL PURPOSES ONLY.

LEGEND

SURFACE FLOW TO STORM DRAIN ARROWS	
STORM DRAINS AFFECTED BY CONSTRUCTION	
NEW SEWER MAIN	
SHEET NO's	
PAPER STREET	

ADDITIONAL NOTES SUPPLIED BY CONTRACTOR

STAGING/STOCKPILE AREA	X

NOTE:
THIS SHEET IS USED FOR PROJECTS WITH LESS THAN ONE (1) ACRE IN DISTURBED SOIL AREAS.

N
W E
S

NO SCALE

REGISTERED PROFESSIONAL ENGINEER
LUIS A. SCHAAR
No. C-68255
CIVIL
STATE OF CALIFORNIA

C-14

WATER POLLUTION CONTROL SITE PLAN

WATER GROUP JOB 960

WATER POLLUTION CONTROL SITE PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 27 OF 29 SHEETS

WATER WBS B12016
SEWER WBS

APPROVED: FOR CITY ENGINEER — DATE 7/29/13

SUBMITTED BY: LAILA NASRAWI, ASSOCIATE ENGINEER

DESIGNED BY: LOTOUS LENGUYEN, PROJECT ENGINEER

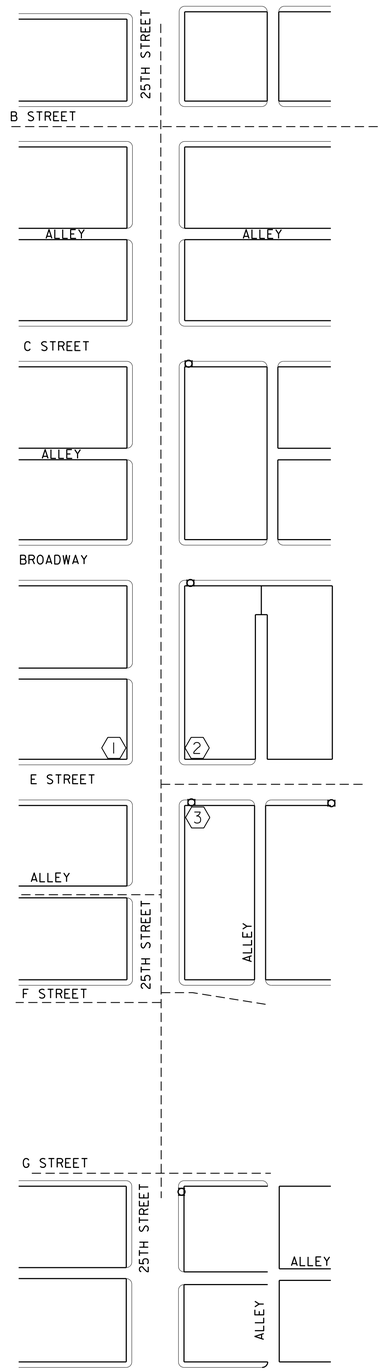
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

200-1725
CCS27 COORDINATE

6286407-1838444
CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-27-D



NO SCALE

CURB RAMP NOTES TABLE

LOCATION NO.	RAMP TYPE	NEW	REPLACEMENT	HISTORIC STAMPS	TRUNCATED DOME MATERIAL • STAINLESS STEEL	TRUNCATED DOME MATERIAL • OTHER	CONSTRAINTS	COMMENTS / MODIFICATIONS
1	A		X		X			
2	A		X		X			
3	A		X		X			

• THE DETECTABLE WARNING TILES SHALL BE PER THE CITY'S APPROVED MATERIALS LIST

NOTE:
~~CONTR~~ACTOR TO NOTIFY SURVEYING 30 DAYS PRIOR TO REMOVAL OF SIDEWALK FOR CURB RAMP CONSTRUCTION TO RELOCATE ANY SURVEY MARKERS.

LEGEND

8	CURB RAMP NO's
	EX UTILITY POLE
	EX FIRE HYDRANT
	EX STREET LIGHT
T	EX TREE
	EX STREET SIGN
	EX CURB RAMP

PROPOSED CURB RAMPS PER STANDARD DRAWINGS:

A & B	SDG-132
C1	SDG-134
C2	SDG-135
D	SDG-136
TRUNCATED DOMES	SDG-130
CURB RAMP DETAILS	SDG-137
EX STAMP/IMPRESSION PLACEMENT	SDG-115
ISLAND REFUGE/PASSAGEWAY DETAILS	SDG-138

REGISTERED PROFESSIONAL ENGINEER LUIS A. SCHAAR No. C-68255 CIVIL STATE OF CALIFORNIA

C–15

WATER GROUP JOB 960

CURB RAMP LOCATION

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 28 OF 29 SHEETS

WATER WBS B12016
SEWER WBS

APPROVED FOR CITY ENGINEER — DATE 7/29/13

SUBMITTED BY: LAILA NASRAWI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

CHECKED BY: LOTOUS LENGUYEN, PROJECT ENGINEER

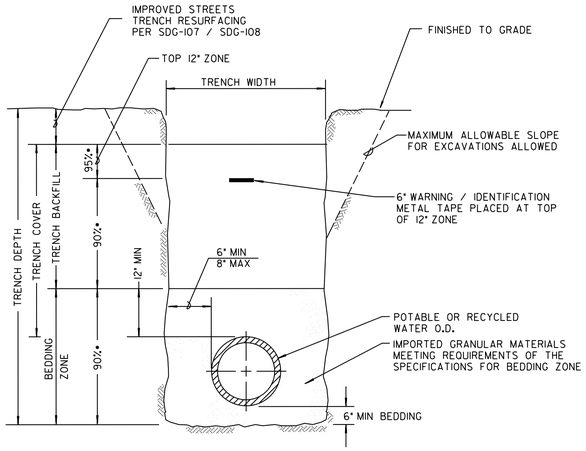
200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

36515–28–D

CURB RAMP LOCATION



TRENCH SECTION
NOT TO SCALE

NOTES:
1. (*) INDICATES MINIMUM RELATIVE COMPACTION.
2. MINIMUM COVER: 36" FOR POTABLE AND 48" FOR RECYCLED WATER MAIN

TRENCH WIDTH

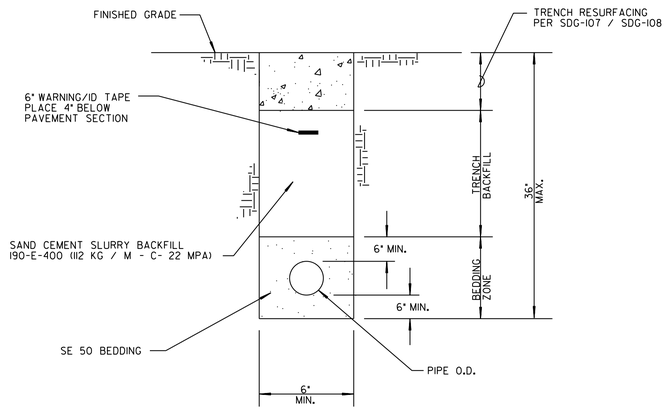
NOMINAL PIPE INSIDE DIAMETER	MINIMUM DISTANCE	MAXIMUM DISTANCE
4" (100mm) & SMALLER	18" (450mm)	28" (700mm)
6" & 8" (150mm & 200mm)	24" (600mm)	32" (800mm)
10" & 12" (250mm & 300mm)	28" (700mm)	36" (900mm)
16" THRU 36" (400mm THRU 900mm)	OD PLUS 24"(600mm)	OD PLUS 36"(900mm)

PIPE BEDDING AND TRENCH
BACKFILL FOR POTABLE AND RECYCLED
WATER MAINS

THRUST BLOCK TABLE

Pipe Diameter	Fitting Type	Fitting Size	Area (T/P) ft^2	YD^3
16"	TEES	16" X 16"	55.88	4
		16" X 12"	55.88	2
		16" X 8"	55.88	1
		16" X 6"	55.88	1
16"	90 Degree Bend		79.03	6
16"	45 Degree Bend		42.77	3
16"	22.5 Degree Bend		21.80	2
16"	11.25 Degree Bend		10.95	1
16"	Reducer	16" x 12"	23.72	2
16"		16" x 8"	40.76	3
16"	Cross	16" x 16"	79.03	6
16"		16" x 12"	45.48	3
16"		16" x 8"	21.38	2
16"		16" x 6"	12.43	1

• Design based on Soil Bearing pressure of 1,500 psf and Pipe pressure of 235 psi
•• Refer to SDW-151, Dimension B is equal to 22 inches.
••• Refer to Sect. 306-1.2.14 of the Whitebook



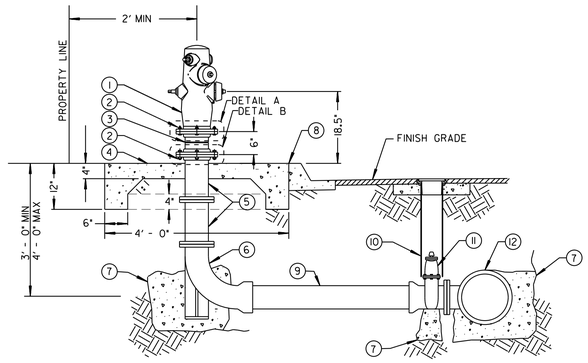
TRENCH SECTION
NOT TO SCALE

NOTES:
1. THE PROPOSED WATER SERVICE SHALL BE SECURED IN CENTER OF THE TRENCH.
2. SAND CEMENT SLURRY BACKFILL SHALL BE THOROUGHLY CONSOLIDATED TO ENCASE CONDUITS. TAMPERS OR VIBRATORS SHALL BE USED.
3. EXISITNG PAVEMENT WILL NOT REQUIRE SAW CUTTING WHEN USING ROCKWHEEL FOR EXCAVATION EXCEPT WHEN THE EXISTING PAVEMENT IS CONCRETE AND TRENCH FINISH IS CONCRETE.
4. ALL CUTS SHALL BE PARALLEL OR PERPENDICULAR TO STREET CENTERLINE, WHEN PRACTICAL.
5. IN MAJOR OR PRIME ARTERIAL STREETS, ON APPROVAL SET ACCELERATING ADMIXTURE, SUCH AS CALCIUM CHLORIDE, MAY BE USED ONLY WITH PRIOR APPROVAL OF THE AGENCY'S ENGINEER OTHERWISE THE CONTRACTOR SHALL PROTECT THE TRENCH WITH THE APPROVAL OF THE AGENCY'S ENGINEER.

NARROW TRENCH FOR
1" & 2" WATER SERVICES

PROJECT NAME: WTR GJ 960
HORINZONTAL ALIGNMENT: 25TH STREET
DESCRIPTION: WATER ALIGNMENT

	STATION	NORTHING	EASTING
Element: Linear			
POB (100)	1+00.00	1842145.34	6287843.80
PI (101)	1+34.43	1842110.90	6287843.81
Tangent Direction:	179° 59'25.33"		
Tangent Length:	34.43		
Element: Linear			
PI (101)	1+34.43	1842110.90	6287843.81
PI (102)	4+82.08	1841763.26	6287843.87
Tangent Direction:	179° 59'25.33"		
Tangent Length:	347.64		
Element: Linear			
PI (102)	4+82.08	1841763.26	6287843.87
PI (103)	8+61.71	1841383.63	6287843.95
Tangent Direction:	179° 59'16.06"		
Tangent Length:	379.63		
Element: Linear			
PI (103)	8+61.71	1841383.63	6287843.95
PI (104)	10+49.05	1841196.29	6287844.30
Tangent Direction:	179° 53'32.31"		
Tangent Length:	187.34		
Element: Linear			
PI (104)	10+49.05	1841196.29	6287844.30
POE (105)	12+40.60	1841004.73	6287844.68
Tangent Direction:	179° 53'13.56"		
Tangent Length:	191.56		
Element: Linear			
PI (105)	12+40.60	1841004.73	6287844.68
POE (106)	12+81.84	1841004.73	6287885.91
Tangential Direction:	90 00'00.00"		
Tangential Direction:	41.23		

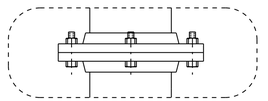


FIRE HYDRANT INSTALLATION
NOT TO SCALE

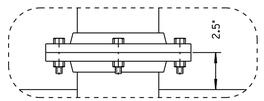
ITEM NO.	DESCRIPTION	ITEM NO.	DESCRIPTION
1	6" WET BARREL FIRE HYDRANT	5	6" CAST IRON EXTENSION NON-GROOVED SPOOL - AS REQUIRED (F, F)
2	.75" X 3.5" MIN HEX HEAD BREAKAWAY (SHEAR) BOLTS AND NUTS (ASTM A307) SHALL BE 3/ 4 INCH NC THREAD., 3-1/2 INCH MINIMUM LENGTH (31/64 INCH DIAMETER HOLE 2 INCHES DEEP IN BOLTS, GALVANIZED AFTER BORING. THE HOLE SHALL BE FILLED WITH GREASE BEFORE INSTALLATION). HEX HEAD ON BOTTOM OF FLANGES (ALL)	6	6" LONG RADIUS BASE ELBOW (F, PO / MJ)
		7	CONCRETE THRUST BLOCK - SEE WT-01
		8	COLD JOINT STRIP
		9	PIPE - 6" C-900 PVC
		10	GATE WELL WITH CAP - SEE WV-01 OR WV-02
3	6" CAST IRON BREAKAWAY SPOOL WITH 0.25"-V (SINGLE OR DOUBLE) BREAK OFF GROOVE	11	6" GATE VALVE (MJ / PO, F)
4	4' X 4' X 4" THICK CONCRETE PAD WITH 6" X 12" DEEP THICKENED EDGE AROUND PERIMETER OF CONCRETE PAD	12	TEE - SIZE X 6" (MJ, MJ, F)

NOTES:
1. NUMBER OF OUTLETS SHALL BE AS SHOWN ON THE PLANS.
2. CONNECT TO BASE OF THE HYDRANT WITH SHEAR BOLTS INSTALLED WITH HEX HEAD ON TOP OF THE FLANGE. (31/ 64 INCH DIAMETER HOLE 2 INCHES DEEP IN BOLTS, GALVANIZED AFTER BORING. THE HOLE SHALL BE FILLED WITH SILICON BEFORE INSTALLATION.
3. CONNECT BREAKAWAY SPOOL TO EXTENSION SPOOL WITH HEX HEAD ON TOP OF FLANGE

FIRE HYDRANT
INSTALLATION



DETAIL A



DETAIL B

MISCELLANEOUS DETAILS

C-16

WATER GROUP JOB 960

MISCELLANEOUS DETAILS

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 29 OF 29 SHEETS

WATER WBS B12016
SEWER WBS

APPROVED: FOR CITY ENGINEER
7/29/13 DATE

SUBMITTED BY: LAILA NASRAWI, ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LL/EG			

CHECKED BY: LOTOUS LENGUYEN, PROJECT ENGINEER

200-1725 CONTROL CERTIFICATION

6286407-1838444 LAMBERT COORDINATES

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

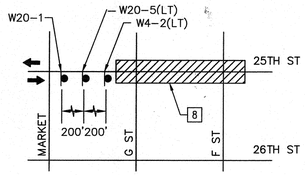
36515-29-D

REGISTERED PROFESSIONAL ENGINEER
LUIS A. SCHAAR
No. C-68255
CIVIL
STATE OF CALIFORNIA

WORK TO BE DONE:

IMPROVE MIDDLE SECTION OF ROADWAY BETWEEN E STREET AND BROADWAY, 16' ON EACH SIDE OF ROADWAY CENTERLINE

WORK HOURS
8:30 AM to 3:30 PM

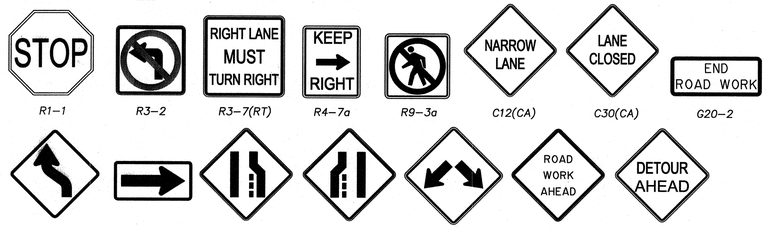


ADVANCED SIGN PLAN

LEGEND

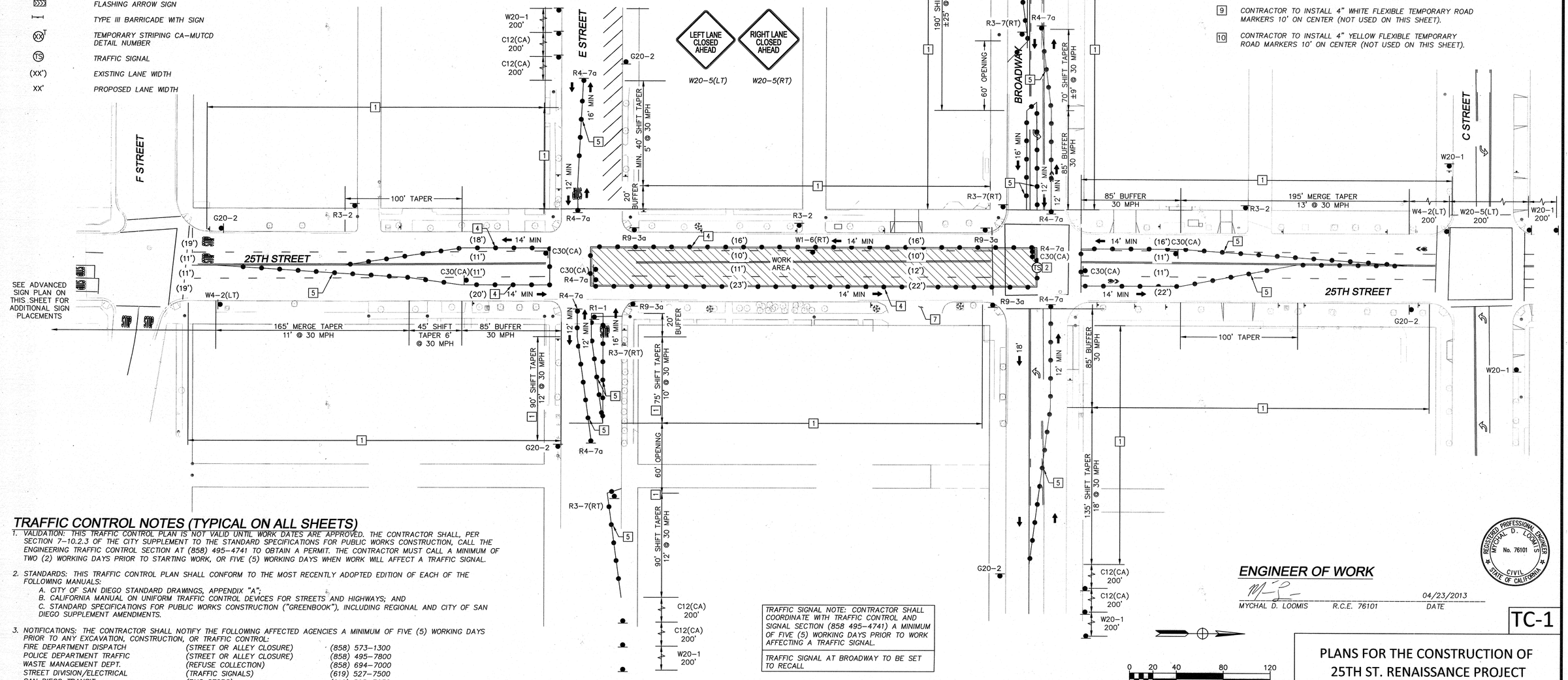
- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- XX^T — TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- TS — TRAFFIC SIGNAL
- (XX') — EXISTING LANE WIDTH
- XX' — PROPOSED LANE WIDTH

SIGN DETAILS



CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN (NOT USED ON THIS SHEET).
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).



TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL AT BROADWAY TO BE SET TO RECALL

TRAFFIC CONTROL NOTES (TYPICAL ON ALL SHEETS)

1. VALIDATION: THIS TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 7-10.2.3 OF THE CITY SUPPLEMENT TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CALL THE ENGINEERING TRAFFIC CONTROL SECTION AT (858) 495-4741 TO OBTAIN A PERMIT. THE CONTRACTOR MUST CALL A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN WORK WILL AFFECT A TRAFFIC SIGNAL.

2. STANDARDS: THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:
   A. CITY OF SAN DIEGO STANDARD DRAWINGS, APPENDIX "A";
   B. CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND
   C. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK"), INCLUDING REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS.

3. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AFFECTED AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL:

FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 573-1300
POLICE DEPARTMENT TRAFFIC	(STREET OR ALLEY CLOSURE)	(858) 495-7800
WASTE MANAGEMENT DEPT.	(REFUSE COLLECTION)	(858) 694-7000
STREET DIVISION/ELECTRICAL	(TRAFFIC SIGNALS)	(619) 527-7500
SAN DIEGO TRANSIT	(BUS STOPS)	(619) 595-7038
MTDB	(TAXI ZONES)	(619) 235-2643
UNDERGROUND SERVICE ALERT	(ANY EXCAVATION)	(800) 422-4133

   THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.

4. POSTING NO PARKING SIGNS: THE CONTRACTOR SHALL POST "TOW-AWAY/NO PARKING" SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE FOR TEMPORARY PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS.

5. EXCAVATIONS: EXCEPT AS SHOWN ON THE PLANS, TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY. AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES OPEN TO TRAFFIC, EXCEPT AS SHOWN ON THE PLANS.

TRAFFIC CONTROL NOTES (CONT.)

6. RESTORATION OF TRAFFIC CONTROL DEVICES: THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL. REPAIRS AND REPLACEMENTS SHALL BE EQUAL TO EXISTING IMPROVEMENTS. LOOP DETECTORS SHALL BE REPLACED WITHIN THREE (3) WORKING DAYS OF COMPLETION OF UNDERGROUND WORK.

7. CHANGES IN WORK: THE RESIDENT ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVES THE RIGHT TO MAKE CHANGES AS THE FIELD CONDITIONS WARRANT. SUCH CHANGES SHALL SUPERSEDE THESE PLANS.

8. FOR WORK NOT COVERED BY THESE TRAFFIC CONTROL PLANS, THE CONTRACTOR SHALL, PER SECTION 7-10.2.1 OF THE CITY SUPPLEMENT TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, PREPARE TRAFFIC CONTROL SHOP DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE SHOP DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT FOR THIS WORK.

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

0 20 40 80 120
SCALE FEET

TC-1

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE I

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 1 OF 12 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER — DATE 8/02/2013

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CC527 COORDINATE

6286407-1838444 CC583 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

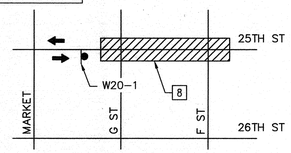
36515-T 1 -D

Apr 23, 2013 - 11:13am K:\SND_TPTO\09541300A\Design\Improvements\09541300A_TC01.dwg

WORK TO BE DONE:

IMPROVE MIDDLE SECTION OF ROADWAY BETWEEN BROADWAY AND C STREET, 16' ON EACH SIDE OF ROADWAY CENTERLINE

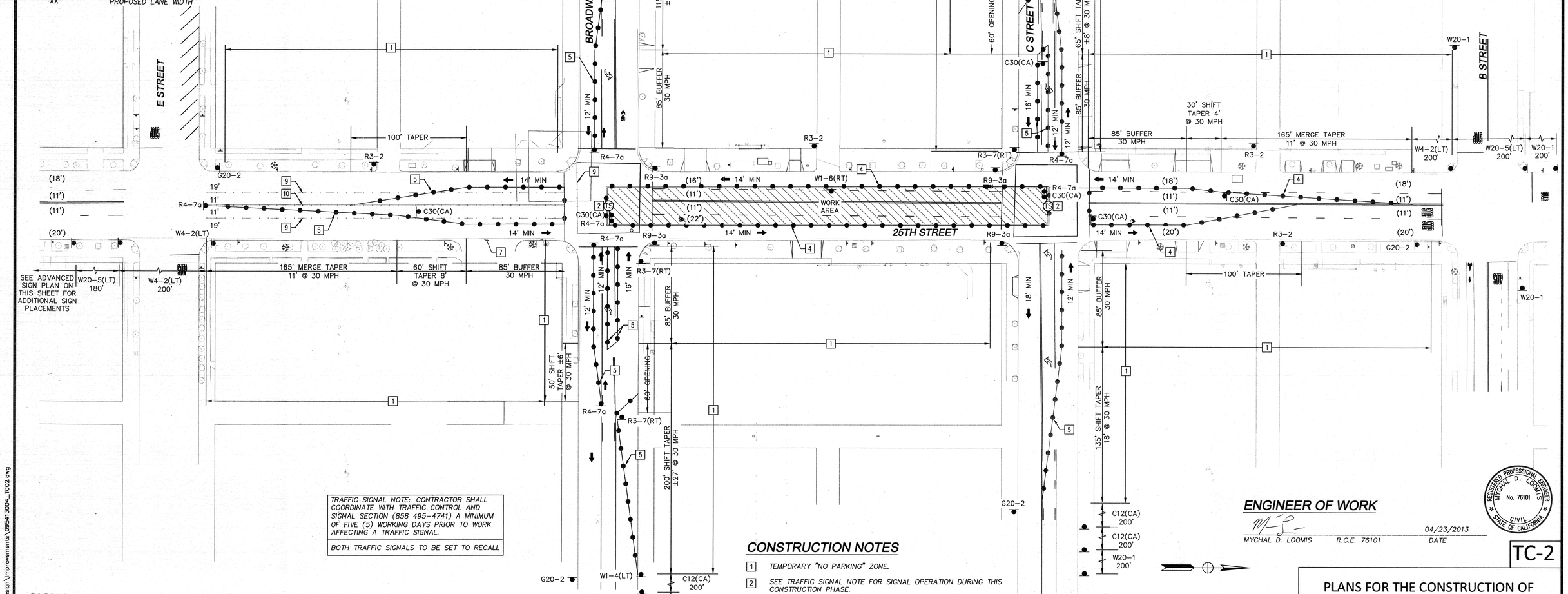
WORK HOURS
8:30 AM to 3:30 PM



ADVANCED SIGN PLAN

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH



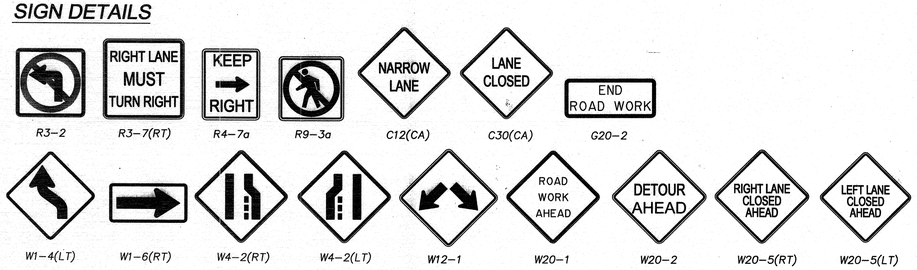
TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

BOTH TRAFFIC SIGNALS TO BE SET TO RECALL

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN (NOT USED ON THIS SHEET).
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.

SIGN DETAILS



CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 DATE 04/23/2013

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

0 20 40 80 120
SCALE FEET

TC-2

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE II

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 2 OF 12 SHEETS

APPROVED Ahmed Abrahmé FOR CITY ENGINEER DATE 08/02/2013

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

WBS S-00985
SUBMITTED BY DAVID LI ASSOCIATE ENGINEER
MARC PIRAZZINI PROJECT ENGINEER
200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE
36515-T 2 -D

Apr 23, 2013 - 11:13am K:\SND_TP\TO\095413004\Design\Improvements\095413004_TC02.dwg

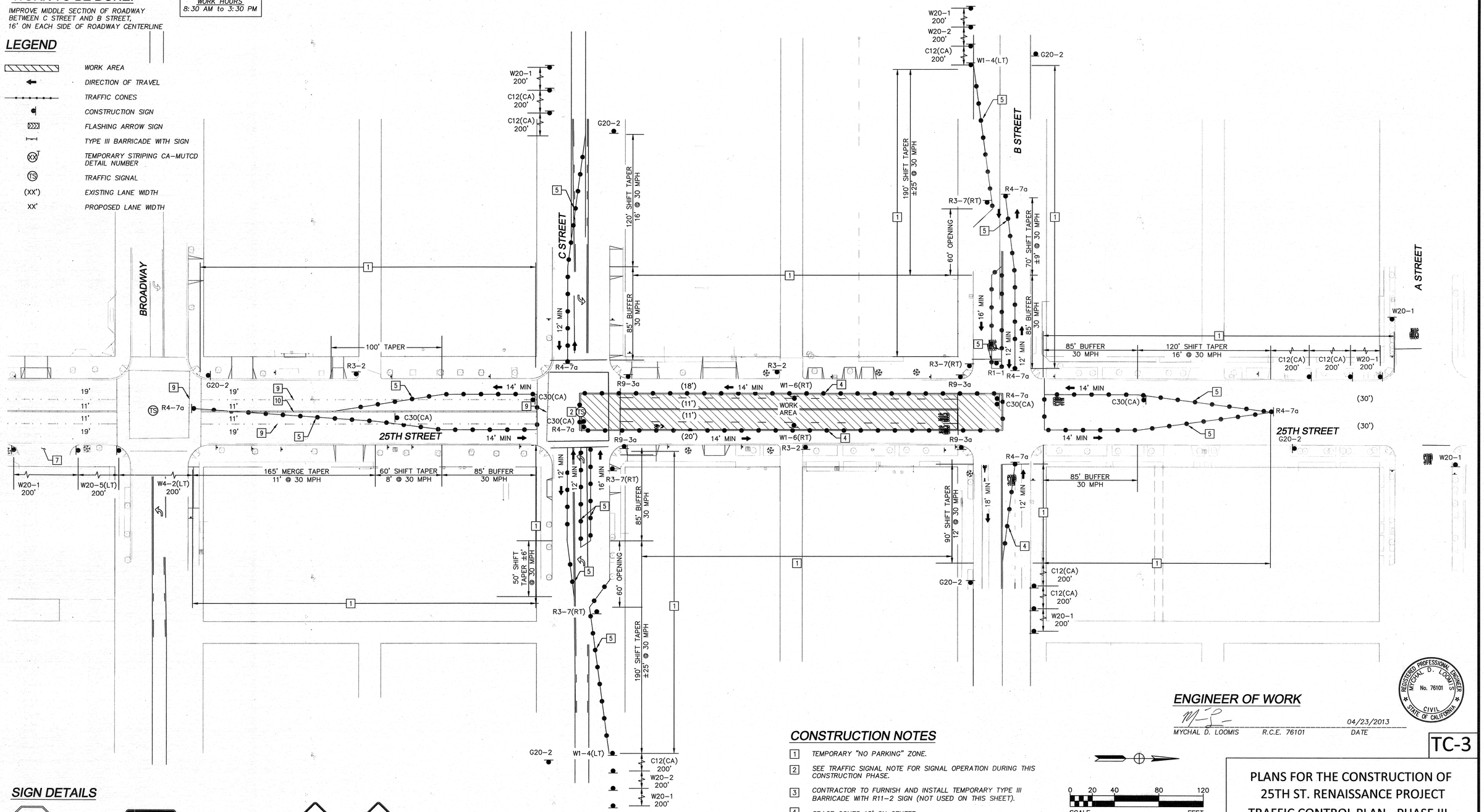
WORK TO BE DONE:

IMPROVE MIDDLE SECTION OF ROADWAY BETWEEN C STREET AND B STREET, 16' ON EACH SIDE OF ROADWAY CENTERLINE

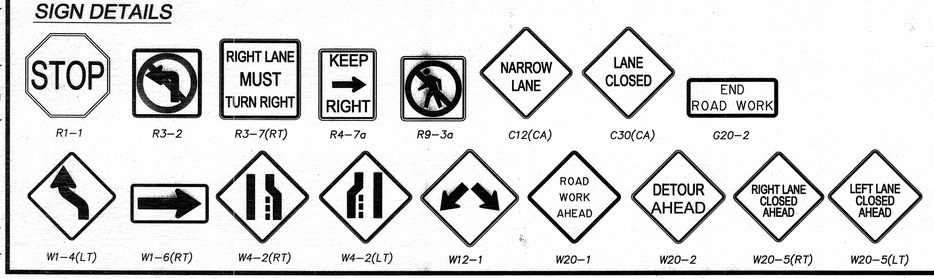
WORK HOURS
8:30 AM to 3:30 PM

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T — TEMPORARY STRIPING CA–MUTCD DETAIL NUMBER
- TS — TRAFFIC SIGNAL
- (XX') — EXISTING LANE WIDTH
- XX' — PROPOSED LANE WIDTH



SIGN DETAILS



R1–1 · R3–2 · R3–7(RT) · R4–7a · R9–3a · C12(CA) · C30(CA) · G20–2

W1–4(LT) · W1–6(RT) · W4–2(RT) · W4–2(LT) · W12–1 · W20–1 · W20–2 · W20–5(RT) · W20–5(LT)

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495–4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL AT C STREET TO BE SET TO RECALL

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11–2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN (NOT USED ON THIS SHEET).
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT–OF–WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

TC-3

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE III

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 3 OF 12 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER — DATE 08/02/2013

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-T 3 -D

Apr 23, 2013 – 11:13am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC03.dwg

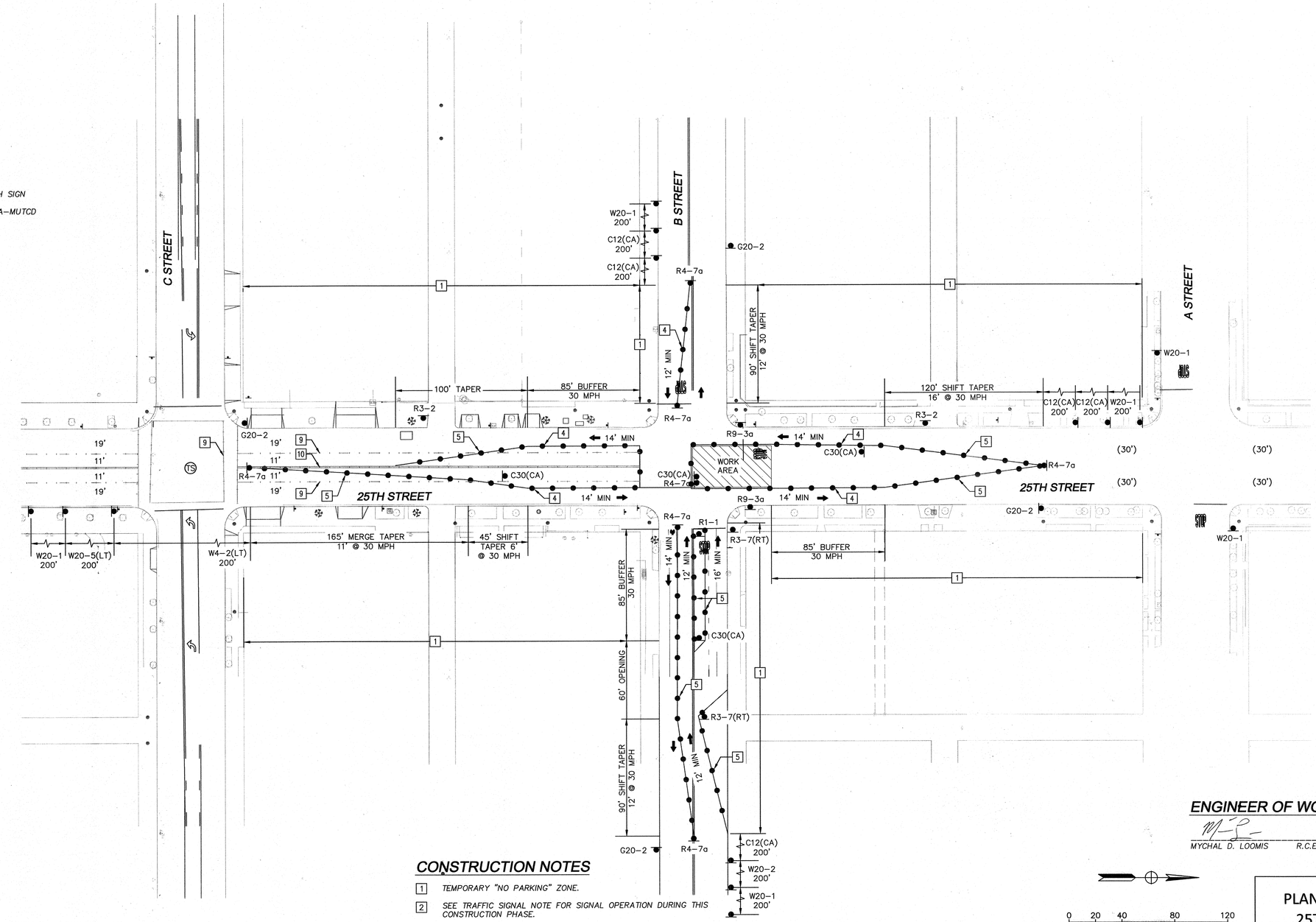
WORK TO BE DONE:

IMPROVE MIDDLE SECTION OF ROADWAY
BETWEEN B STREET AND PROJECT LIMITS,
16' ON EACH SIDE OF ROADWAY CENTERLINE

WORK HOURS
8:30 AM to 3:30 PM

LEGEND

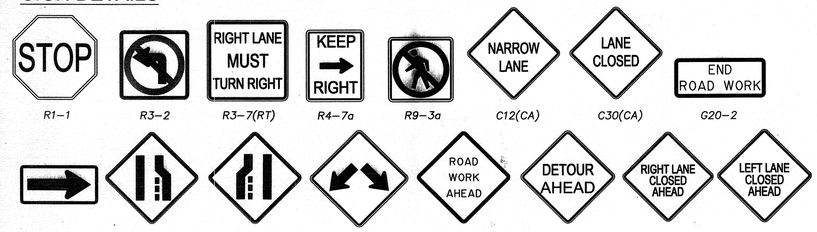
- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- TEMPORARY STRIPING CA–MUTCD DETAIL NUMBER
- TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH



CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11–2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN (NOT USED ON THIS SHEET).
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT–OF–WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER.

SIGN DETAILS



0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

REGISTERED PROFESSIONAL ENGINEER
MYCHAL D. LOOMIS
No. 76101
CIVIL
STATE OF CALIFORNIA

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013
DATE

TC-4

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE IV

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 4 OF 12 SHEETS

APPROVED Richard Mendenhall FOR CITY ENGINEER 08/02/2013 DATE

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER
MARC PIRAZZINI, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

36515-T 4 -D

Apr 23, 2013 - 11:13am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC04.dwg

WORK TO BE DONE:

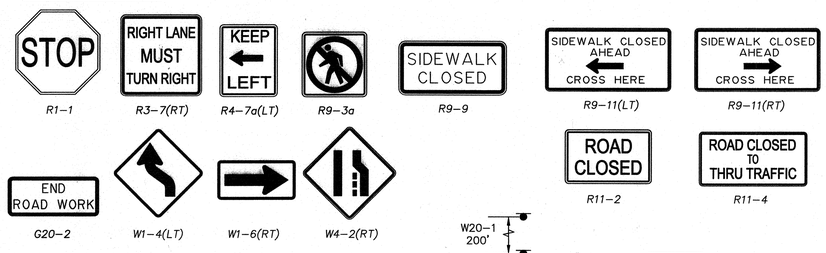
IMPROVE WESTERN SECTION OF ROADWAY BETWEEN E STREET AND BROADWAY

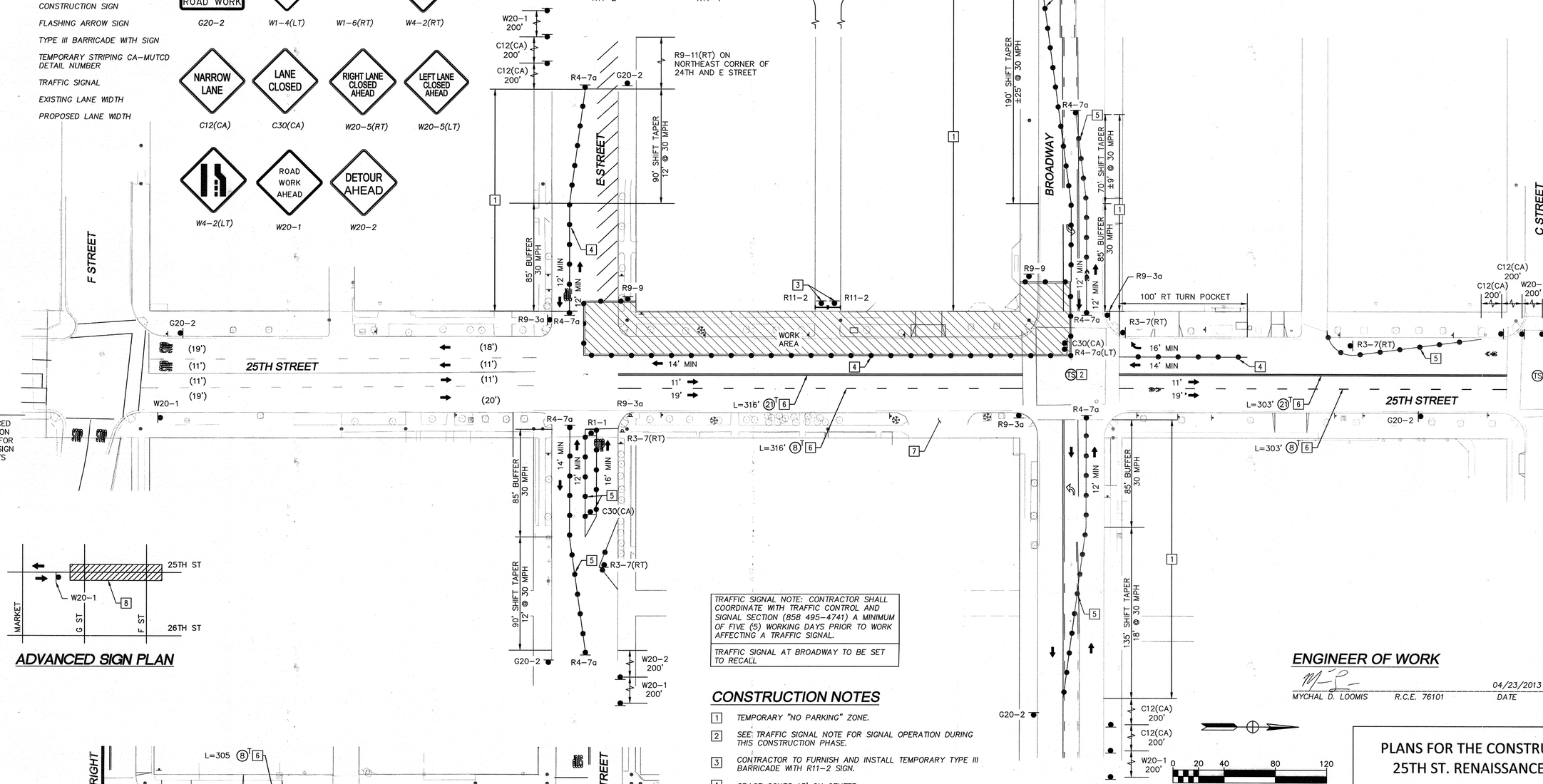
WORK HOURS
8:30 AM to 3:30 PM

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

SIGN DETAILS





ADVANCED SIGN PLAN

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL AT BROADWAY TO BE SET TO RECALL

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN.
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN.
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).

SCALE 0 20 40 80 120 FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

TC-5

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE V

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 2 OF 12 SHEETS

APPROVED FOR CITY ENGINEER — DATE 08/02/2013

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER

MARC PIRAZZINI, PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

36515-T 5 -D

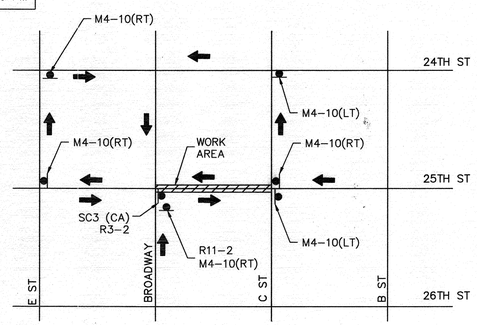
Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

Apr 23, 2013 — 11:13am K:\SND_TPTO\09541300\Design\Improvements\09541300_TC05.dwg

WORK TO BE DONE:

IMPROVE WESTERN SECTION OF ROADWAY BETWEEN BROADWAY AND C STREET

WORK HOURS
8:30 AM to 3:30 PM



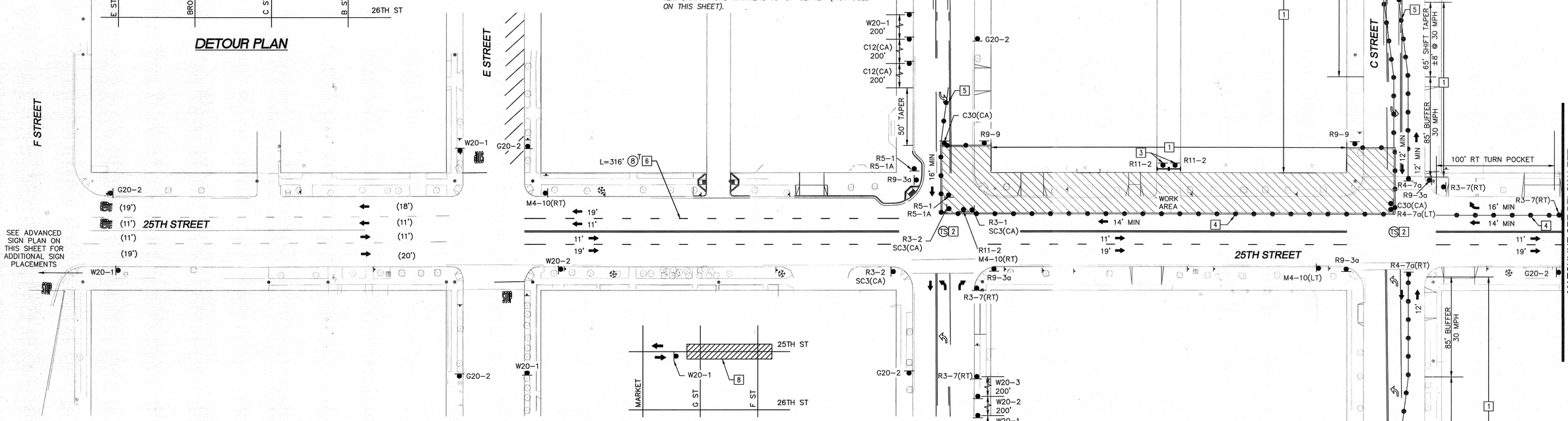
DETOUR PLAN

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

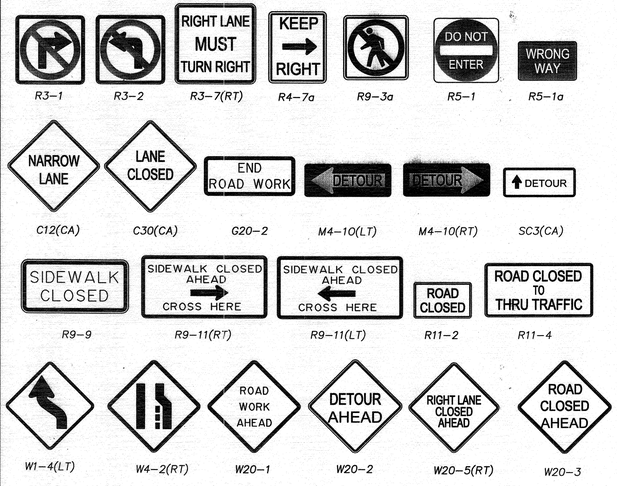
CONSTRUCTION NOTES

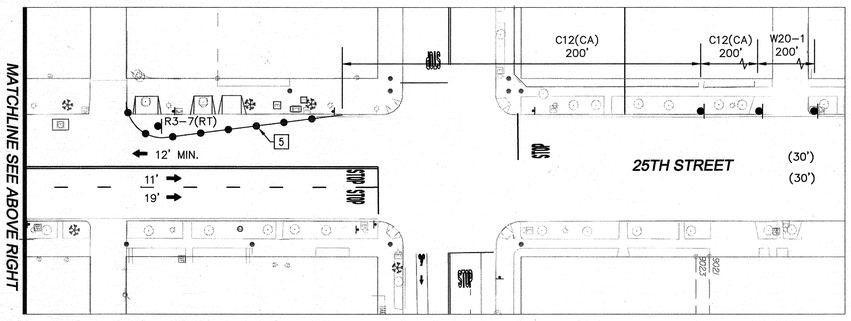
1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN.
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).



ADVANCED SIGN PLAN

SIGN DETAILS





ROAD CLOSED — R11-2

ROAD CLOSED TO THRU TRAFFIC — R11-4

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

BOTH TRAFFIC SIGNALS TO BE SET TO RECALL

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — DATE 04/23/2013

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

TC-6

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE VI

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 6 OF 12 SHEETS

WBS S-00985

APPROVED Ahmad Ahmadi FOR CITY ENGINEER — DATE 08/02/2013

SUBMITTED BY DAVID LI ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

36515-T 6 -D

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

Apr 23, 2013 - 11:13am K:\SND_PTO\095413004\Design\Improvements\095413004_TC06.dwg

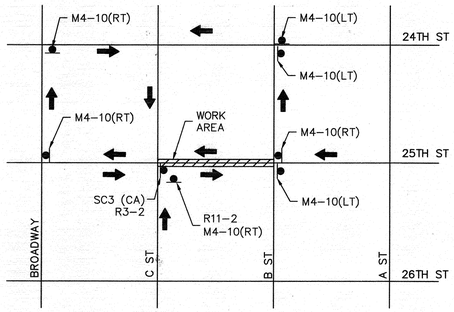
WORK TO BE DONE:

IMPROVE WESTERN SECTION OF ROADWAY BETWEEN C STREET AND B STREET

WORK HOURS
8:30 AM to 3:30 PM

LEGEND

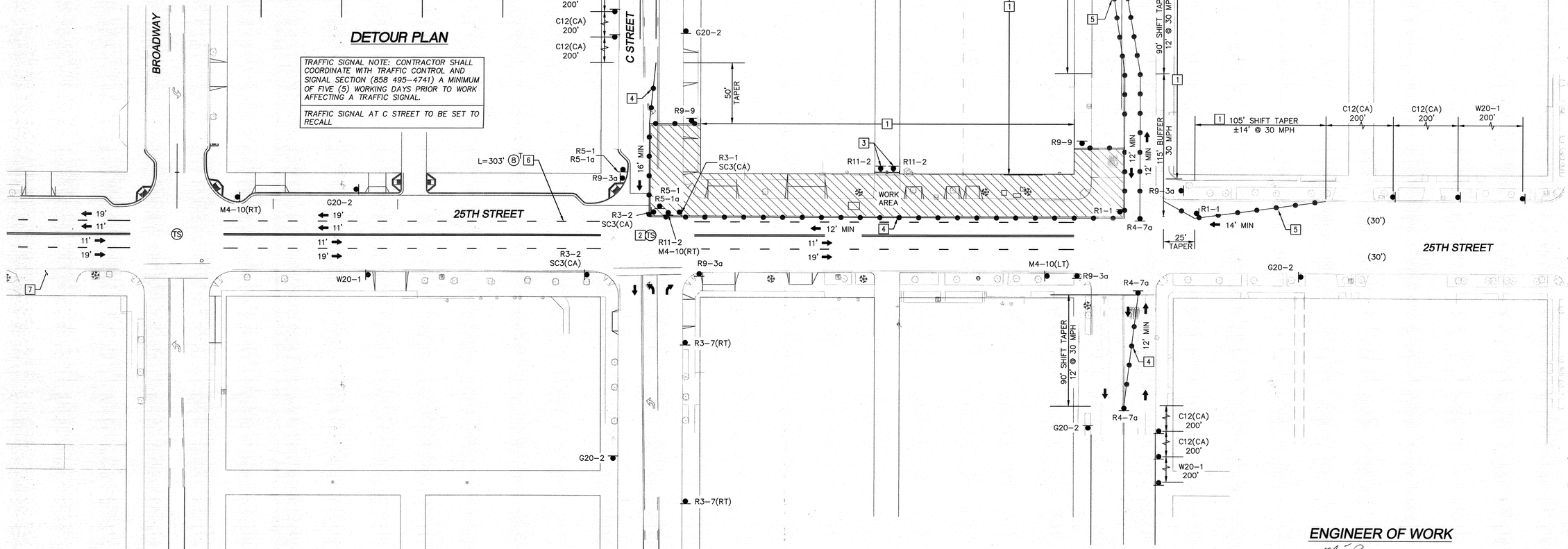
- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH



DETOUR PLAN

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

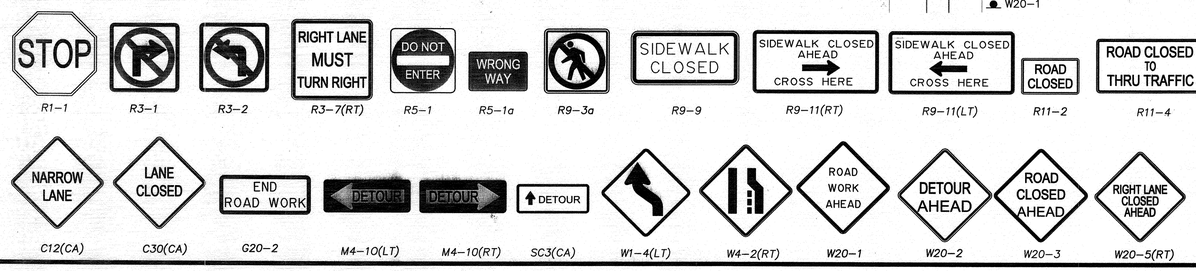
TRAFFIC SIGNAL AT C STREET TO BE SET TO RECALL



CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN.
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN.
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).

SIGN DETAILS



0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

TC-7

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE VII

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 7 OF 12 SHEETS

WBS S-00985

APPROVED FOR CITY ENGINEER 08/02/2013 DATE

SUBMITTED BY DAVID LI ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-T 7 -D

Apr 23, 2013 - 11:14am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC07.dwg

WORK TO BE DONE:

IMPROVE EASTERN SECTION OF ROADWAY BETWEEN E STREET AND BROADWAY

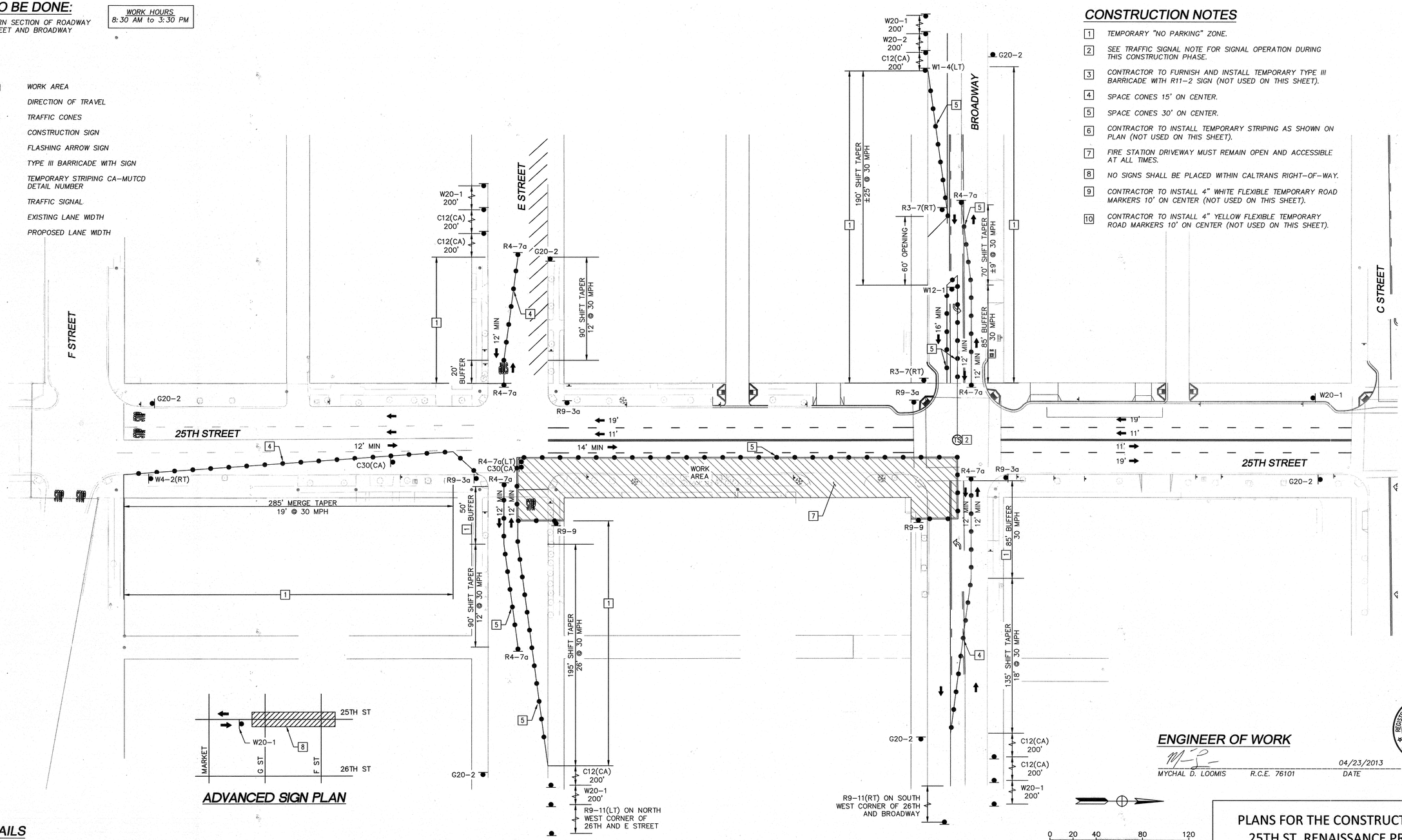
WORK HOURS
8:30 AM to 3:30 PM

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

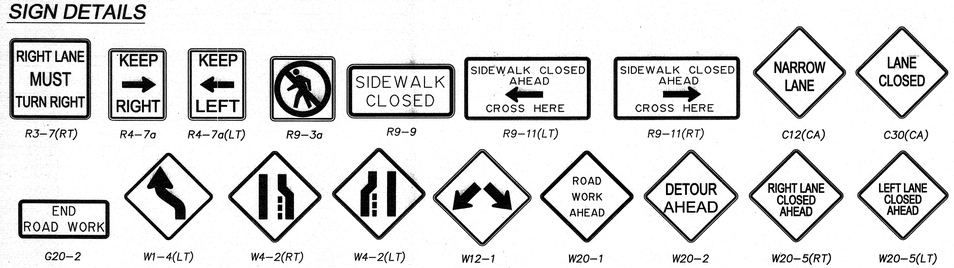
CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN (NOT USED ON THIS SHEET).
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).



ADVANCED SIGN PLAN

SIGN DETAILS



TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL AT BROADWAY TO BE SET TO RECALL

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — DATE 04/23/2013

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

TC-8

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE VIII

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 8 OF 12 SHEETS

APPROVED FOR CITY ENGINEER — DATE 08/02/2013

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

CONTRACTOR ____ DATE STARTED ____
INSPECTOR ____ DATE COMPLETED ____

WBS S-00985

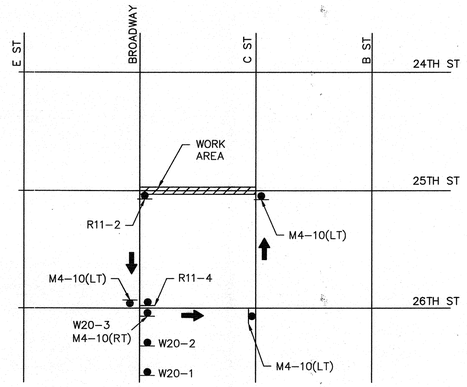
SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER
MARC PIRAZZINI, PROJECT ENGINEER
200-1725 CC827 COORDINATE
6286407-1838444 CC883 COORDINATE
36515-T 8 -D

Apr 23, 2013 - 11:14am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC09.dwg

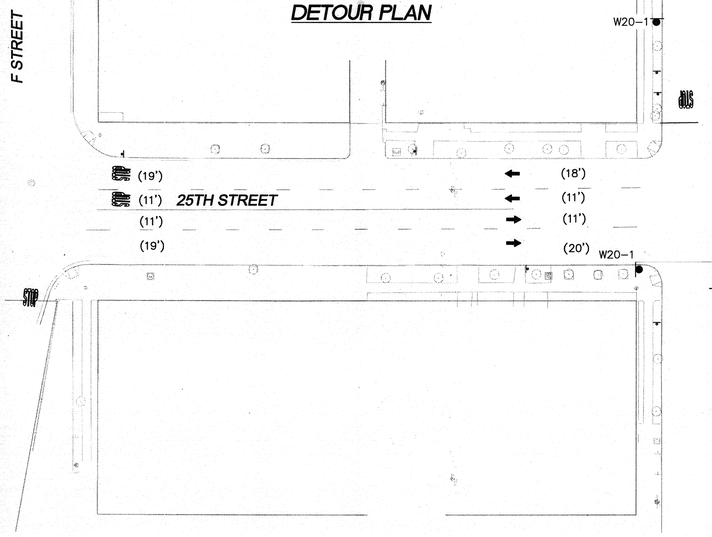
WORK TO BE DONE:

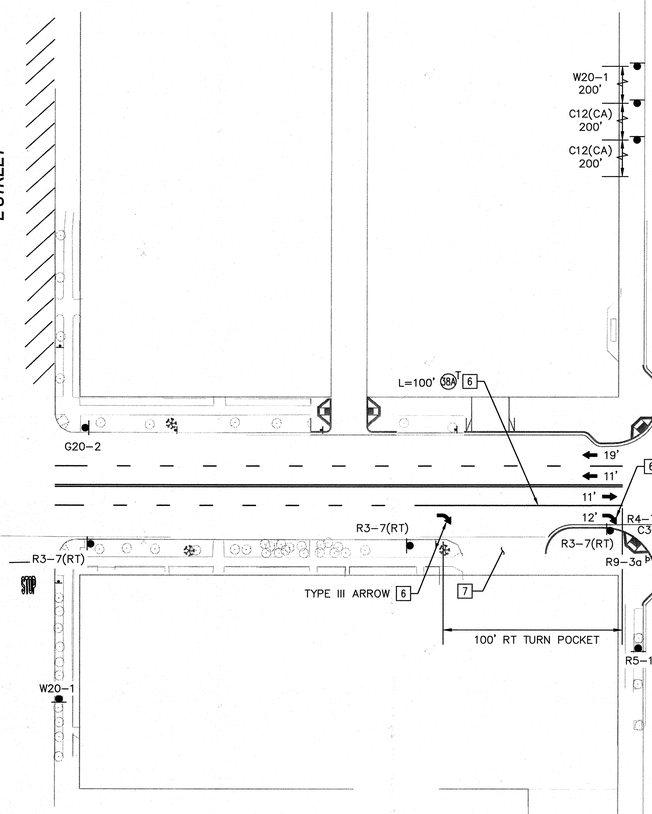
IMPROVE EASTERN SECTION OF ROADWAY BETWEEN BROADWAY AND C STREET

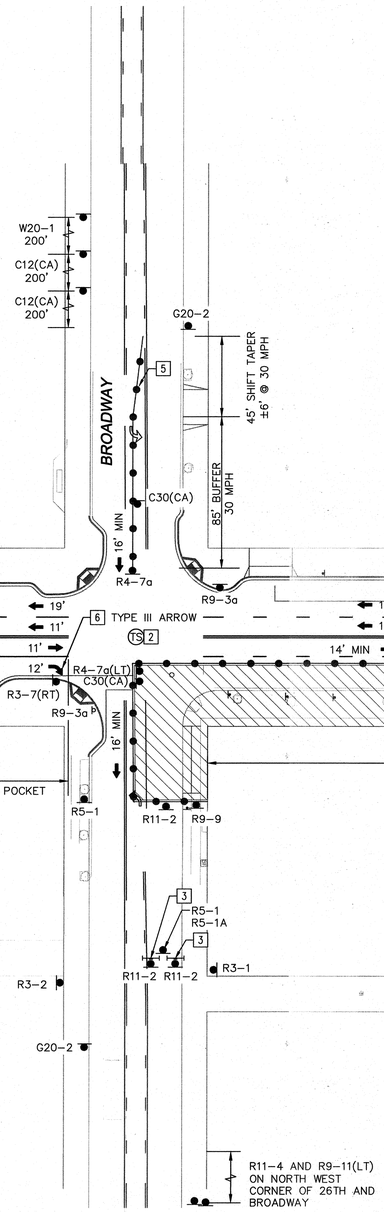
WORK HOURS
8:30 AM to 3:30 PM

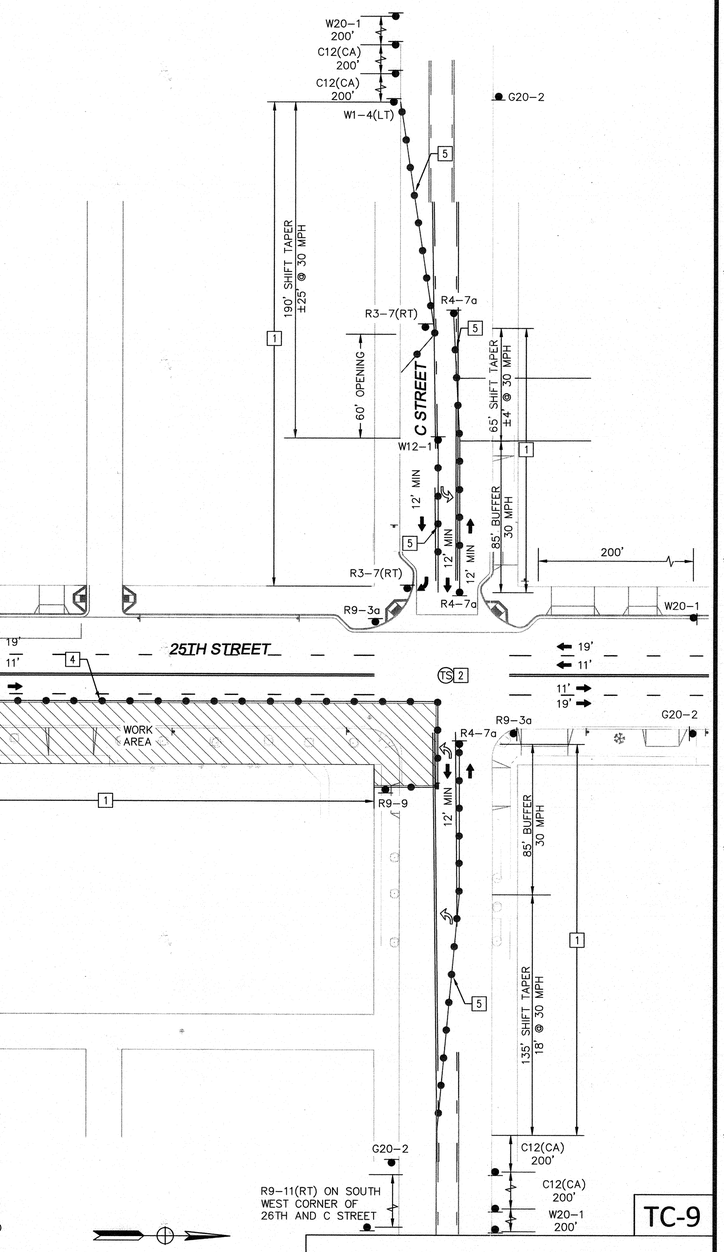


DETOUR PLAN









LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL TO BE SET TO RECALL

REGISTERED PROFESSIONAL ENGINEER
MYCHAL D. LOOMIS
No. 76101
CIVIL
STATE OF CALIFORNIA

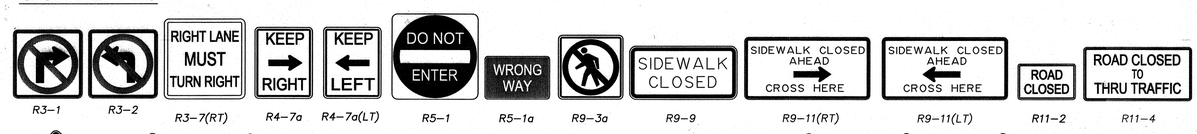
ENGINEER OF WORK

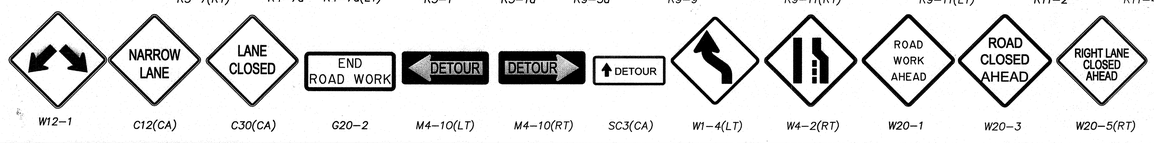
MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN.
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN.
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).

SIGN DETAILS





Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

TC-9

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE IX

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 9 OF 12 SHEETS

APPROVED: Ahmed Abrahamsen 08/02/2013
FOR CITY ENGINEER — DATE

WBS S-00985

SUBMITTED BY: DAVID LI, ASSOCIATE ENGINEER
MARC PIRAZZINI, PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

200-1725 CCS27 COORDINATE
6286407-1838444 CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-T 9 -D

Apr 23, 2013 - 11:14am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC10.dwg

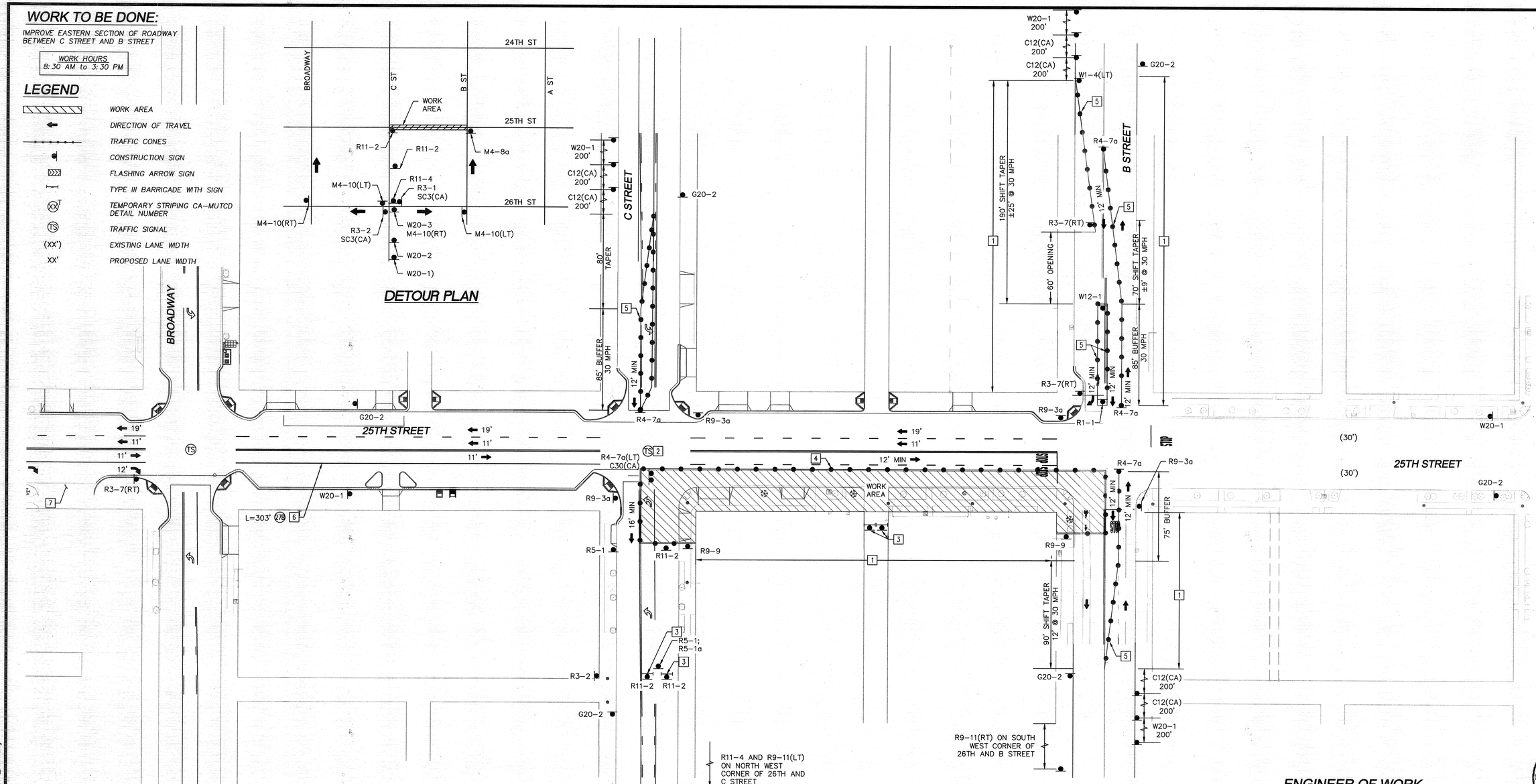
WORK TO BE DONE:

IMPROVE EASTERN SECTION OF ROADWAY BETWEEN C STREET AND B STREET

WORK HOURS
8:30 AM to 3:30 PM

LEGEND

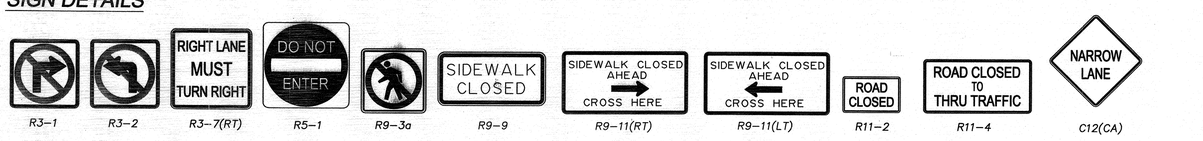
- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

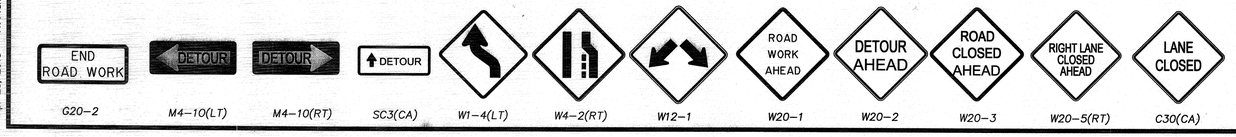


TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858 495-4741) A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.

TRAFFIC SIGNAL AT C STREET TO BE SET TO RECALL

SIGN DETAILS





CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN.
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN.
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

TC-10

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE X

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 10 OF 12 SHEETS

APPROVED Ahmed Abrahim FOR CITY ENGINEER — 08/02/2013 DATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

WBS S-00985

SUBMITTED BY DAVID LI
ASSOCIATE ENGINEER

MARC PIRAZZINI
PROJECT ENGINEER

200-1725
CCS27 COORDINATE

6286407-1838444
CCS83 COORDINATE

36515-T10-D

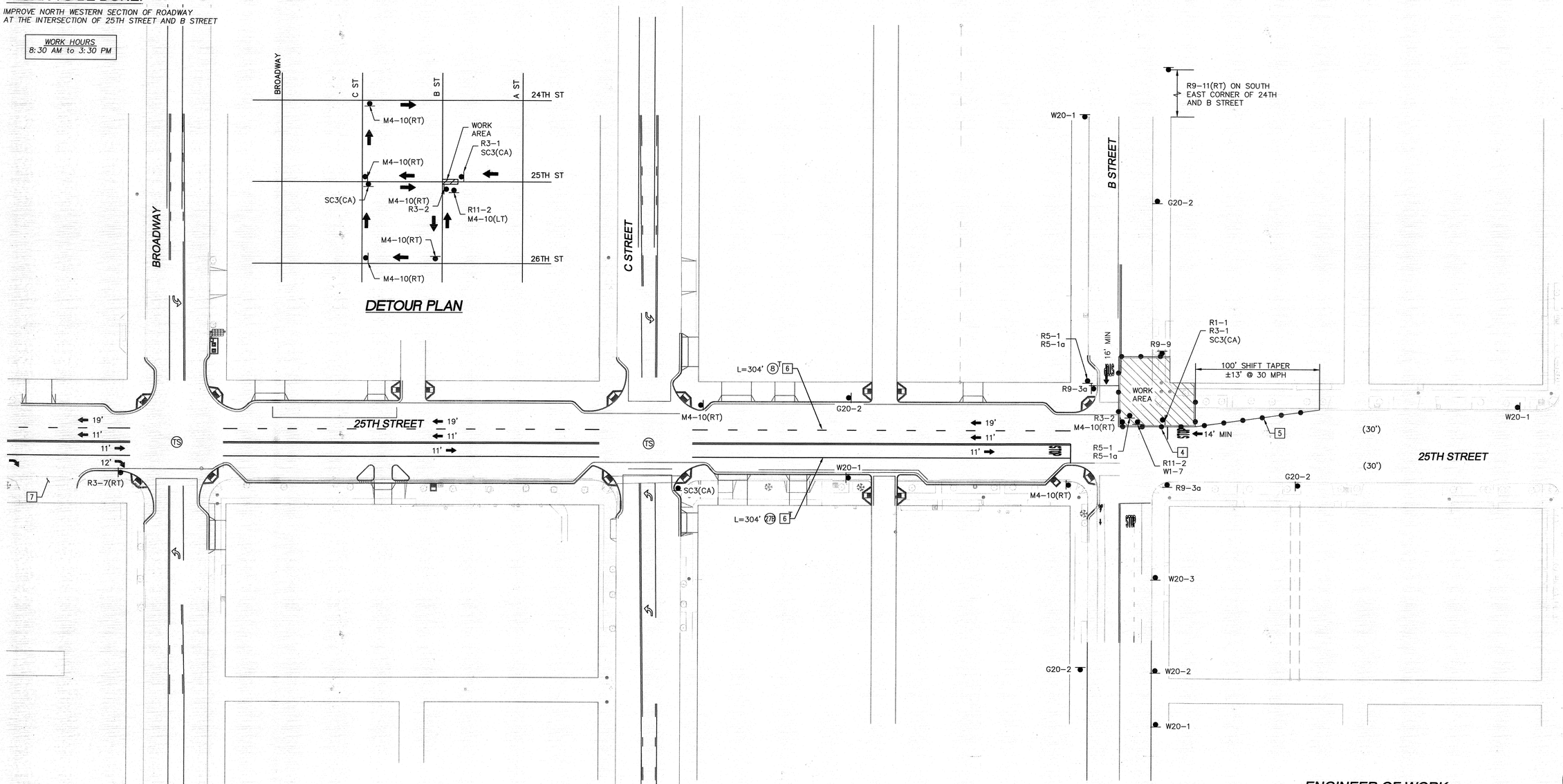
Apr 23, 2013 - 11:14am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC11.dwg

WORK TO BE DONE:

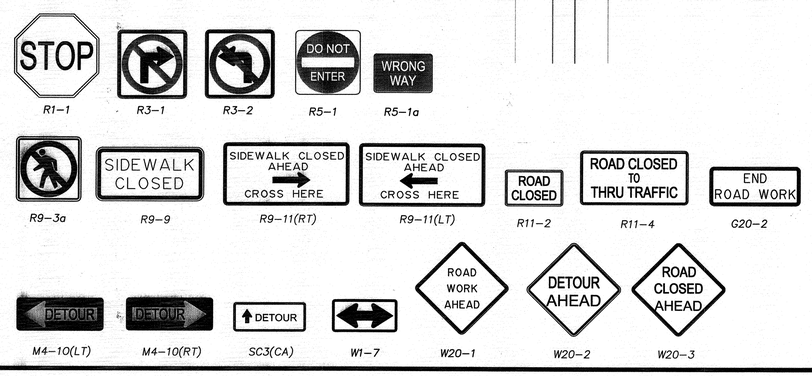
IMPROVE NORTH WESTERN SECTION OF ROADWAY AT THE INTERSECTION OF 25TH STREET AND B STREET

WORK HOURS
8:30 AM to 3:30 PM

DETOUR PLAN



SIGN DETAILS



LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T — TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) — TRAFFIC SIGNAL
- (XX') — EXISTING LANE WIDTH
- XX' — PROPOSED LANE WIDTH

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
3. CONTRACTOR TO FURNISH AND INSTALL TEMPORARY TYPE III BARRICADE WITH R11-2 SIGN (NOT USED ON THIS SHEET).
4. SPACE CONES 15' ON CENTER.
5. SPACE CONES 30' ON CENTER.
6. CONTRACTOR TO INSTALL TEMPORARY STRIPING AS SHOWN ON PLAN.
7. FIRE STATION DRIVEWAY MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
8. NO SIGNS SHALL BE PLACED WITHIN CALTRANS RIGHT-OF-WAY.
9. CONTRACTOR TO INSTALL 4" WHITE FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).
10. CONTRACTOR TO INSTALL 4" YELLOW FLEXIBLE TEMPORARY ROAD MARKERS 10' ON CENTER (NOT USED ON THIS SHEET).

ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 — 04/23/2013 DATE

REGISTERED PROFESSIONAL ENGINEER — MYCHAL D. LOOMIS — No. 76101 — CIVIL — STATE OF CALIFORNIA

0 20 40 80 120
SCALE FEET

CAUTION!!
LOCATION OF EXISTING UTILITIES ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.

Kimley-Horn and Associates, Inc.
401 B Street - Suite 600 - San Diego, Ca. - 92101
Tel: (619) 234-9411 Fax: (619) 234-9433

TC-11

PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE XI

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 11 OF 12 SHEETS

WBS S-00985

APPROVED Ahmed Abushanab FOR CITY ENGINEER 08/02/2013 DATE

SUBMITTED BY DAVID LI ASSOCIATE ENGINEER

MARC PIRAZZINI PROJECT ENGINEER

200-1725 CCS27 COORDINATE

6286407-1838444 CCS83 COORDINATE

36515-T11-D

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

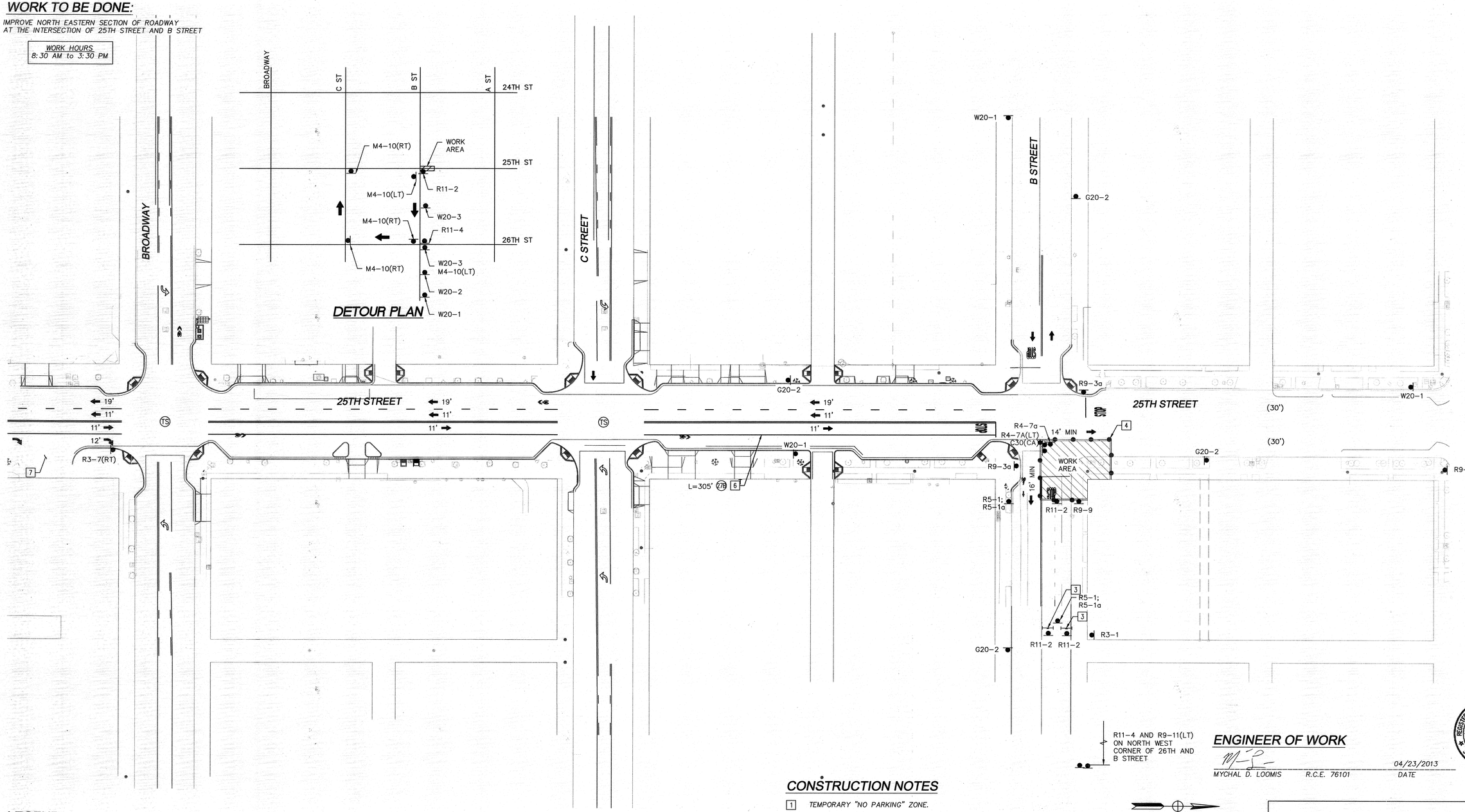
CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

Apr 23, 2013 - 11:14am K:\SND_TP\TO\095413004\Design\Improvements\095413004_TC08.dwg

WORK TO BE DONE:

IMPROVE NORTH EASTERN SECTION OF ROADWAY AT THE INTERSECTION OF 25TH STREET AND B STREET

WORK HOURS
8:30 AM to 3:30 PM



ENGINEER OF WORK

MYCHAL D. LOOMIS R.C.E. 76101 04/23/2013 DATE

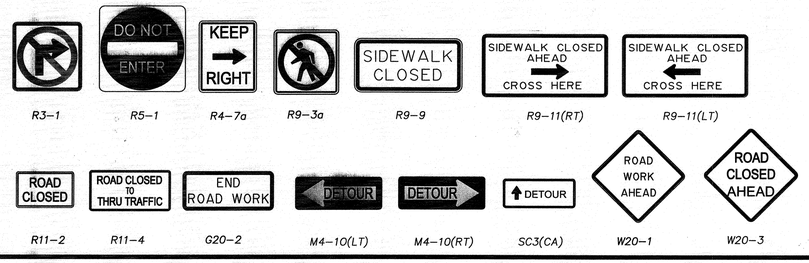
REGISTERED PROFESSIONAL ENGINEER MYCHAL D. LOOMIS No. 76101 CIVIL STATE OF CALIFORNIA

TC-12

LEGEND

- WORK AREA
- DIRECTION OF TRAVEL
- TRAFFIC CONES
- CONSTRUCTION SIGN
- FLASHING ARROW SIGN
- TYPE III BARRICADE WITH SIGN
- (XX)T TEMPORARY STRIPING CA-MUTCD DETAIL NUMBER
- (TS) TRAFFIC SIGNAL
- (XX') EXISTING LANE WIDTH
- XX' PROPOSED LANE WIDTH

SIGN DETAILS



R3-1 R5-1 R4-7a R9-3a R9-9 R9-11(RT) R9-11(LT)

R11-2 R11-4 G20-2 M4-10(LT) M4-10(RT) SC3(CA) W20-1 W20-3

CONSTRUCTION NOTES

1. TEMPORARY "NO PARKING" ZONE.
2. SEE TRAFFIC SIGNAL NOTE FOR SIGNAL OPERATION DURING THIS CONSTRUCTION PHASE.
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PLANS FOR THE CONSTRUCTION OF 25TH ST. RENAISSANCE PROJECT TRAFFIC CONTROL PLAN - PHASE XII

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 12 OF 12 SHEETS

WBS S-00985

APPROVED: Ahmed Hamdanah 08/02/2013
FOR CITY ENGINEER DATE

SUBMITTED BY: DAVID LI
ASSOCIATE ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	KHA			

MARC PIRAZZINI
PROJECT ENGINEER

200-1725
CCS27 COORDINATE

6286407-1838444
CCS83 COORDINATE

CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

36515-T12-D

Apr 23, 2013 - 11:15am K:\SND_TPTO\095413004\Design\Improvements\095413004_TC12.dwg