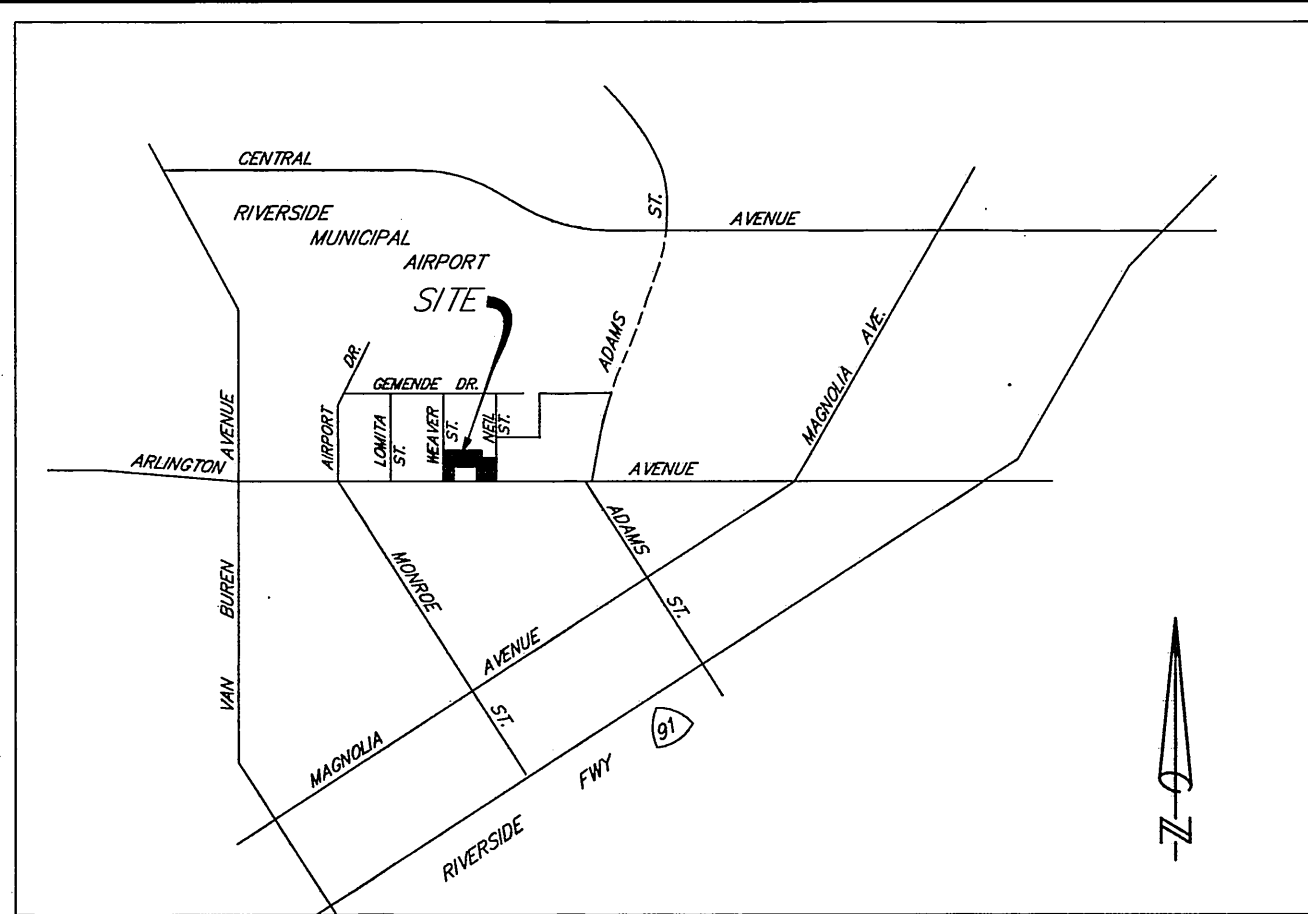


6115 ARLINGTON AVE. HARVEST CHRISTIAN FELLOWSHIP PARKING LOT/STREET IMPROVEMENT PLANS

CITY OF RIVERSIDE, CALIFORNIA
PORT. SEC. 31 & 32, T2S., R.5W., SBBM.
JUNE 2010



VICINITY MAP
NOT TO SCALE
THOMAS BROTHERS
PG. 714, GRID J2

GENERAL NOTES

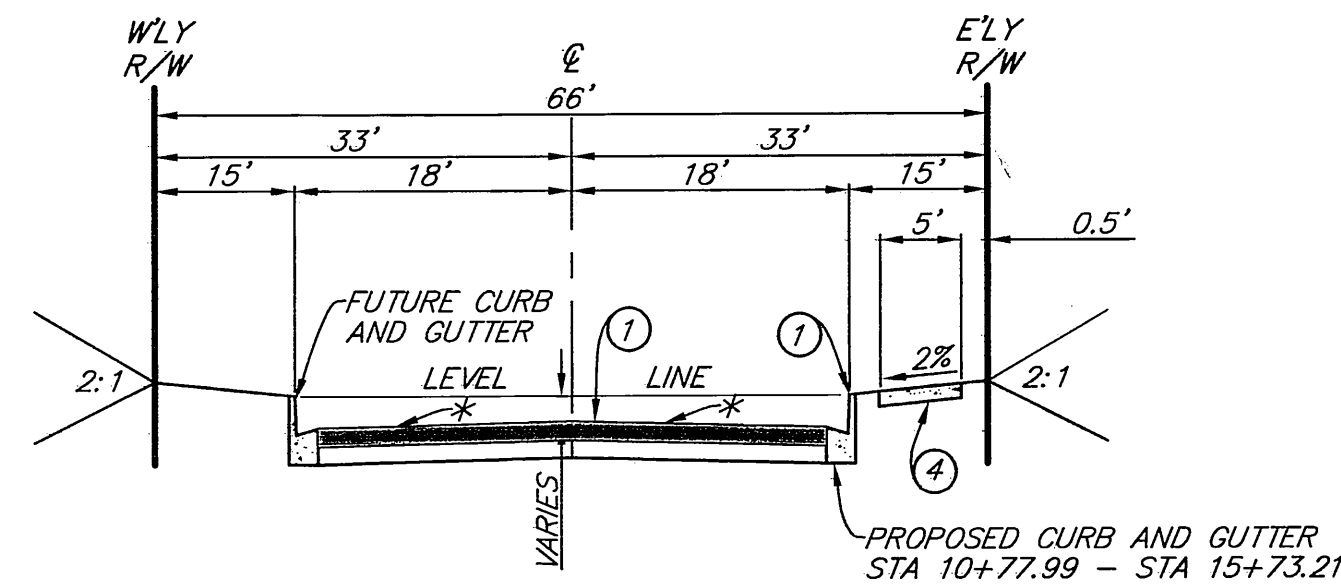
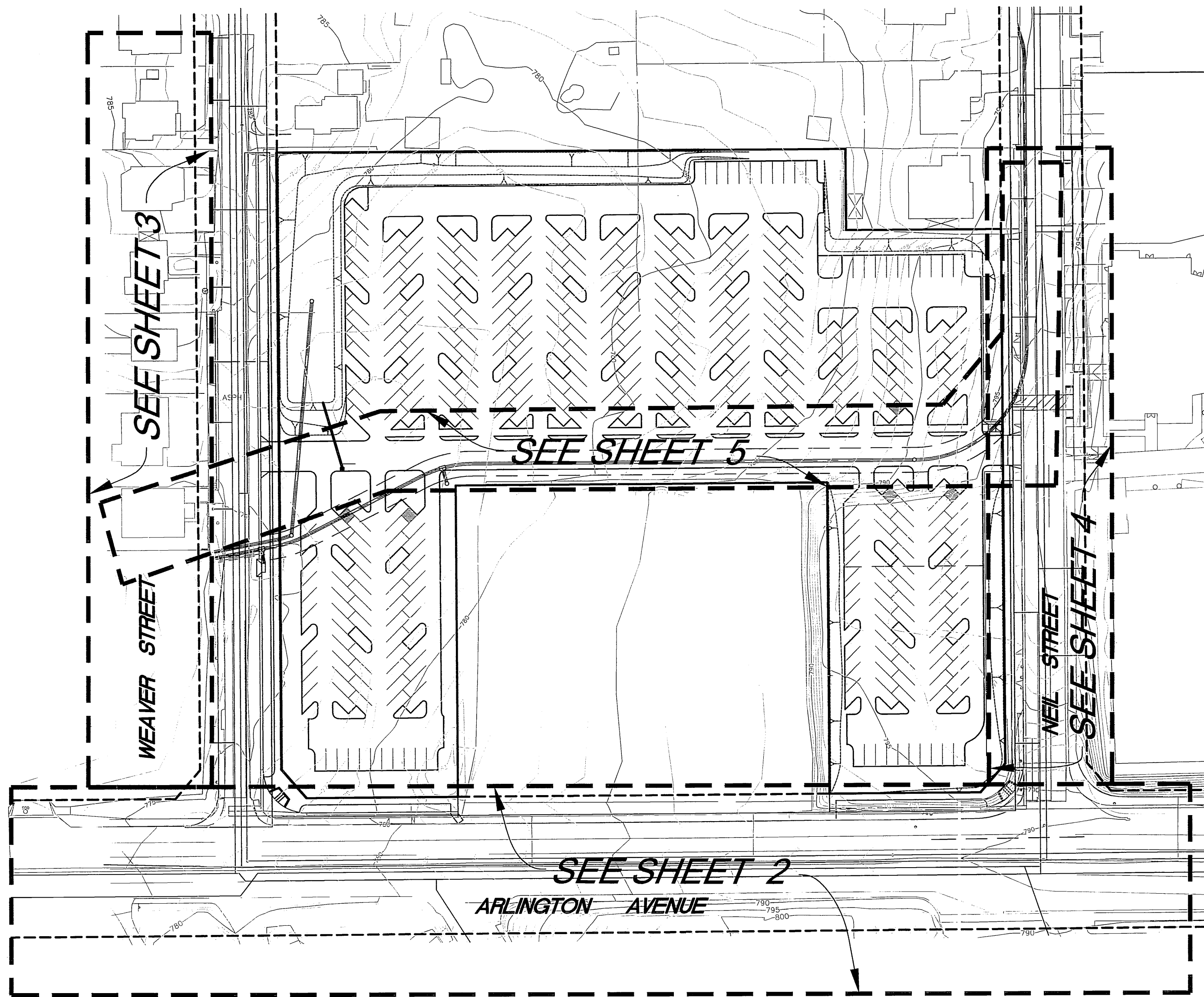
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE PAVEMENT SHALL BE TRIMMED IN A SMOOTH STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- SEE STREET LIGHTING PLANS FOR LOCATION AND QUANTITY OF REQUIRED STREET LIGHTS.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE CONTRACTOR SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/ CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR OPENING THE STREETS TO TRAFFIC.

NOTICE TO CONTRACTOR:

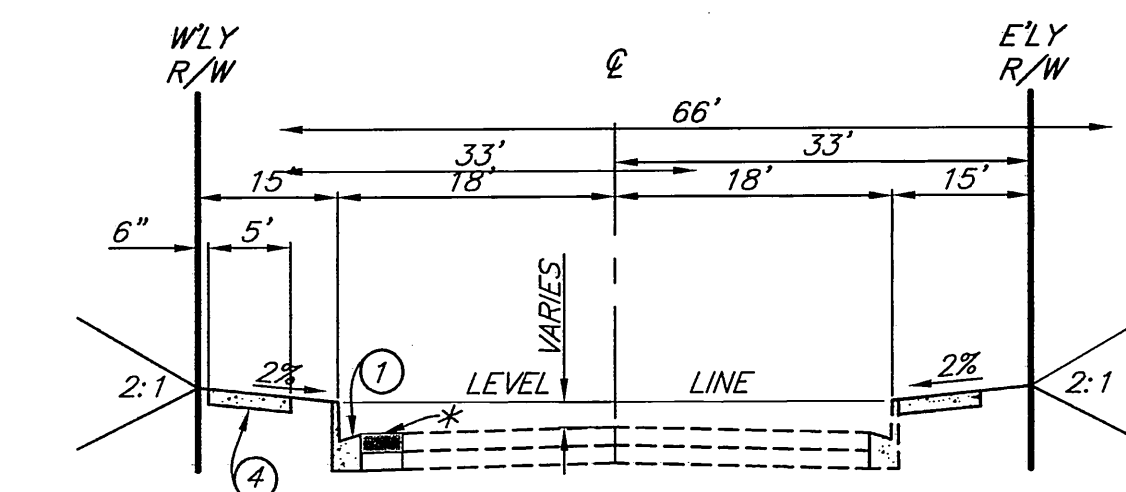
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.
- THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
- NOTIFY DAFFNEY IVERSON OR MIKE RUBIO OF METROPOLITAN WATER DISTRICTS WATER SYSTEM OPERATIONS GROUP AT (951) 776-2675 AT LEAST TWO WORKING DAYS (MONDAY-THURSDAY) PRIOR TO STARTING WORK IN THE VICINITY OF M.W.D. FACILITIES.

PUBLIC UTILITIES DEPARTMENT NOTICE

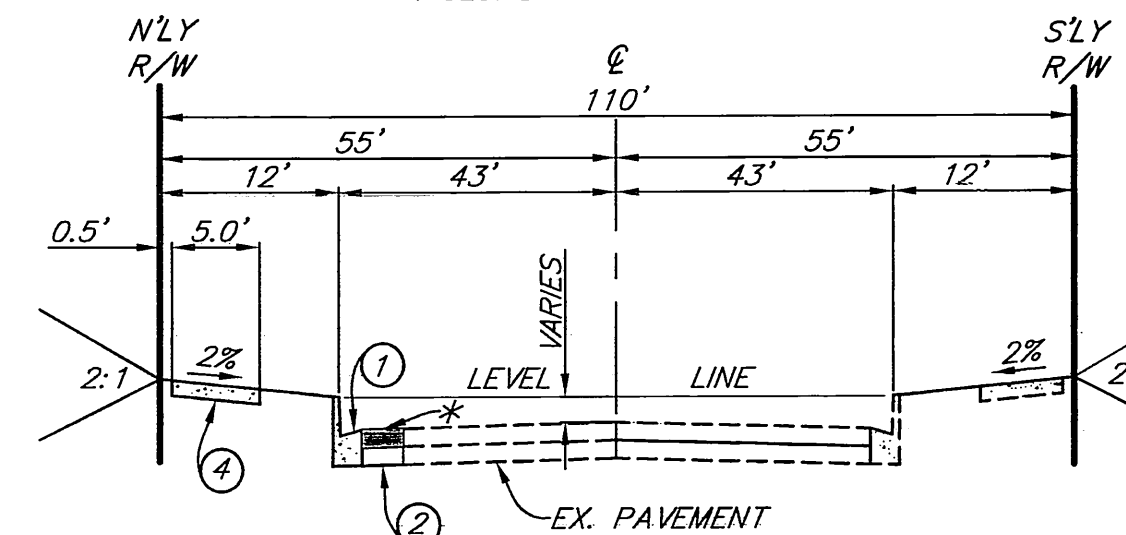
CONTRACTOR TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK 951/351-6368



TYPICAL STREET SECTION
WEAVER STREET
T.I.=5
NOT TO SCALE
* VARIES 1.9%-3.0%



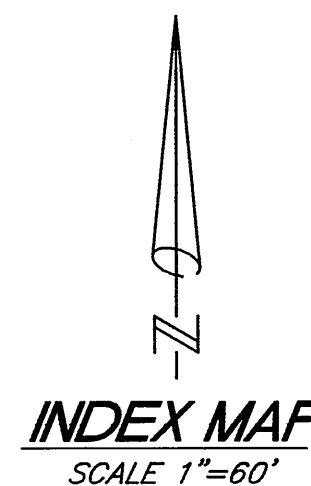
TYPICAL STREET SECTION
NEIL STREET
T.I.=5
NOT TO SCALE
* SLOPE VARIES 1.5%-3.0%



TYPICAL STREET SECTION
ARLINGTON AVENUE
T.I.=10.5
NOT TO SCALE
* SLOPE VARIES 1.4%-2.7%

CONSTRUCTION NOTES & QUANTITIES:

1	CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD #200 (TYPE 1)	904 L.F.
2	CONSTRUCT " " A.C. OVER " " A.B. PER S.R. R=	15,000 S.F.
3	CONSTRUCT WHEELCHAIR RAMP TYPE I PER CITY OF RIVERSIDE STD. #304	2 EA.
4	CONSTRUCT PCC SIDEWALK PER CITY OF RIVERSIDE STD #325	9,785 S.F.
5	CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD #220 W=6"	2 EA./ 1020 S.F.
6	SAWCUT EXISTING PAVEMENT	1150 L.F.
7	CONSTRUCT PARKWAY DRAIN PER APWA STD. 151-1	2 EA.
8	CONSTRUCT 6" AC BERM	233 L.F.
9	CONSTRUCT A.C. GRIND/OVERLAY EXISTING PAVEMENT WITH MIN. 0.10" DEPTH	1502 S.F.
10	CONSTRUCT 18" HDPE STORM DRAIN PIPE, BEDDING PER DETAIL ON SHEET 4	318 L.F.
11	CONSTRUCT ADS FLARED END SECTION (OR APPROVED EQUAL) PER DETAIL ON SHEET 4	1 EA.
12	CONSTRUCT MID BLOCK HANDICAP RAMP (TYPE PER PLAN)	2 S.F.
13	CONSTRUCT STORM DRAIN M.H. PER CITY OF RIVERSIDE STD. 431	2 EA.
14	CONSTRUCT SIDE INLET CATCH BASIN PER CITY OF RIVERSIDE STD. 405	1 EA.
15	CONSTRUCT 5'X10' RIP RAP PAD W/ 6"-12" DIA ROCK (UNGRouted)	2 EA.
16	CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD 421	1 EA.
17	JOIN EXISTING CATCH BASIN	1 EA.
18	SEE PRECISE GRADING PLAN FOR C.B. INFO	N/A
19	SLURRY BACKFILL TOP HALF OF PIPE TO 6" OVER TOP OF PIPE WITHIN PAVED AREA	110 L.F.
20	CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD 424	1 EA.



INDEX MAP
SCALE 1"=60'

OWNER/APPLICANT

HARVEST CHRISTIAN FELLOWSHIP
6115 ARLINGTON AVENUE
RIVERSIDE, CA. 92504
VOICE: (951) 687-6902

ENGINEER

SDH & ASSOCIATES INC.
5225 CANYON CREST DR.
RIVERSIDE, CA. 92507
PHONE (951) 683-3691
FAX (951) 788-2314

SHEET INDEX

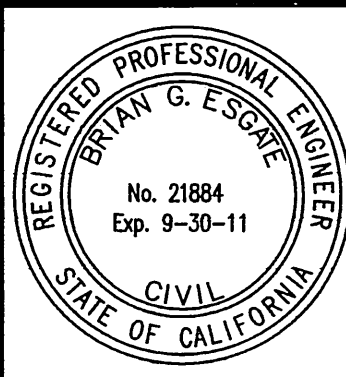
- SHEET 1 - TITLE SHEET
- SHEET 2 - ARLINGTON AVENUE
- SHEET 3 - WEAVER STREET
- SHEET 4 - NEIL STREET
- SHEET 5 - STORM DRAIN

Underground Service Alert



PRIVATE ENGINEERING NOTE

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



PLANS PREPARED UNDER SUPERVISION OF
Brian G. Escate 3/15/2011
DATE
BRIAN G. ESCATE
R.C.E. 21884
EXP. 9/30/11
BENCHMARK: G4-T3
PK WALL WITH CITY ENGINEER TAG IN STREET LIGHT BASE ALONG SOUTHERLY CURB OF ARLINGTON AVENUE, 55 FEET EASTERY OF NEIL STREET.
ELEVATION: 789.705
NVGD29

SDH & Associates, Inc
Civil Engineering - Land Planning
5225 Canyon Crest Dr. #71439
Riverside, California 92507
TEL: (951) 683-3691 FAX (951) 788-2314

PUBLIC UTILITIES - WATER	APPROVED BY: <i>[Signature]</i> DATE: 3/21/11	PUBLIC UTILITIES - ELECTRIC	APPROVED BY: <i>[Signature]</i> DATE: 3/21/11
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY: <i>[Signature]</i> DATE: 4/20/11	CITY ENGINEER		
DESIGNED BY: S.S.	DRAWN BY: S.J.S.	CHECKED BY: B.G.E.	

CITY OF RIVERSIDE HARVEST PARKING LOT STREET IMPROVEMENT PLANS TITLE SHEET ARLINGTON AVE. BETWEEN WEAVER ST. AND NEIL ST.	JOB NO. 0919 R-4191 SHEET 1 OF 5 PW10-0123
--	---

PROFILE SCALE
HORIZ. 1" = 40 FT.
VERT. 1" = 4 FT.

790 T.C. @ 43' L.T.

780 T.C. @ 43' L.T.

780 C.L.

790 T.C. @ 43' L.T.

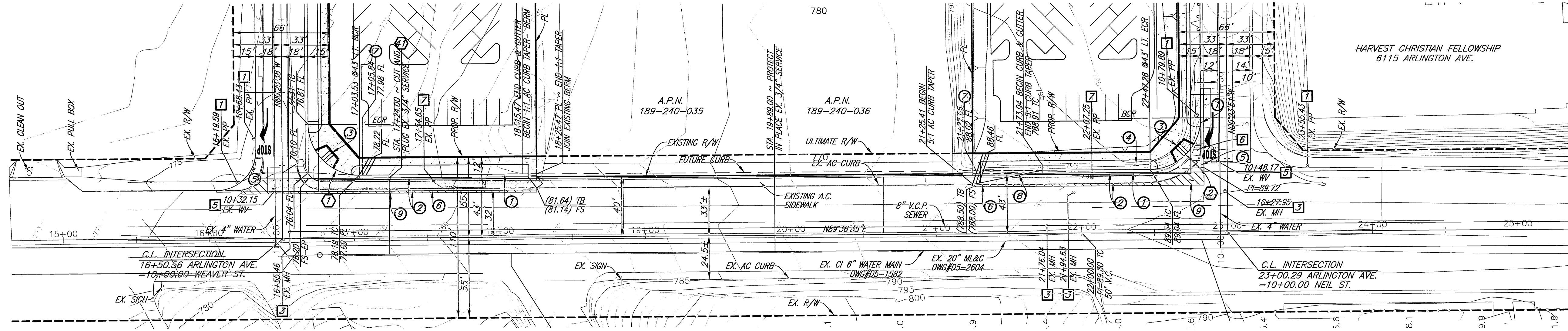
780 T.C. @ 43' L.T.

780 C.L.

15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00

WEAVER ST.
SEE SHEET 3

NEIL ST.
SEE SHEET 4



CURVE DATA

DELTA	RADIUS	LENGTH	TANGENT
89°59'20"	35.00	54.97'	34.99
90°00'27"	35.00	54.98'	35.00

PAVING LEGEND

- PROPOSED A.C. PAVEMENT
- PROPOSED P.C.C. SIDEWALK
- GRIND/OVERLAY EXISTING PAVEMENT (MIN. 0.1" THICKNESS)

CONSTRUCTION NOTES

- 1 CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD #200 (TYPE 1)
- 2 CONSTRUCT _____" A.C. OVER _____" A.B. PER S.R. _____ R=_____
- 3 CONSTRUCT WHEELCHAIR RAMP TYPE 1 PER CITY OF RIVERSIDE STD. #304
- 4 CONSTRUCT PCC SIDEWALK PER CITY OF RIVERSIDE STD #325
- 5 CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD #220 W=6'
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- 10 CONSTRUCT 18" HDPE STORM DRAIN PIPE, BEDDING PER DETAIL ON SHEET 4
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- 19 SLURRY BACKFILL TOP HALF OF PIPE TO 6" OVER TOP OF PIPE WITHIN PAVED AREA
- 20 CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD 424

ARLINGTON AVENUE

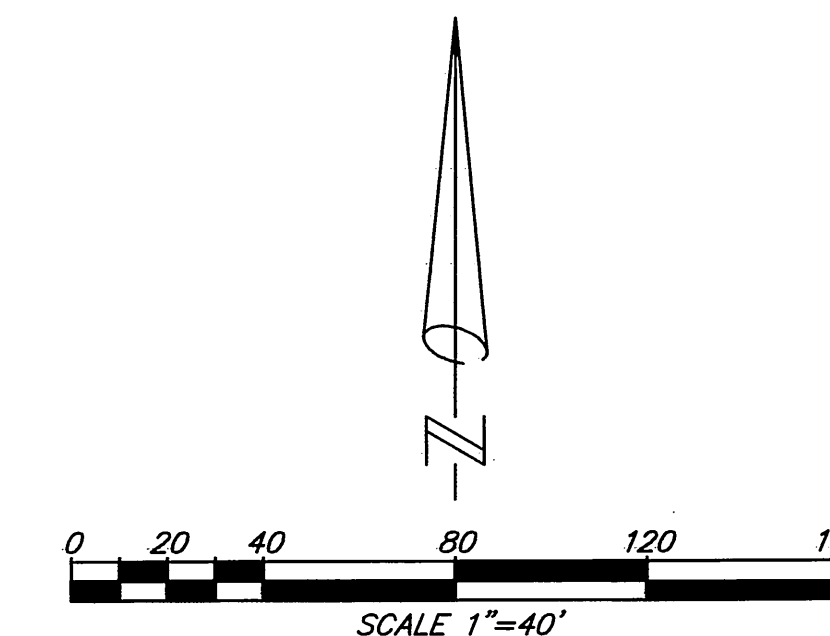
STA. 15+00.00 TO STA. 25+00.00

WATER CONSTRUCTION NOTES BY CITY FORCES

- 40 EXTEND EX. 3/4" WATER SERVICE PER CWD-600
- 41 CUT AND PLUG 3/4" WATER SERVICE
- 42 SHORTEN EX. 3/4" WATER SERVICE PER CWD-600

DISPOSITION NOTES

- 1 EXISTING POLE TO REMAIN
- 2 EXISTING RCP STORM DRAIN TO BE REMOVED
- 3 EXISTING SEWER MH TO REMAIN
- 4 EXISTING POLE TO BE RELOCATED BY OTHERS
- 5 EXISTING WATER VALVE- ADJUST TO GRADE
- 6 EXISTING SIGN TO BE RELOCATED TO CURB RETURN
- 7 EXISTING TO BE RELOCATED
- 8 EXISTING WATER METER BOX ADJUST TO GRADE



Underground Service Alert

CALL BEFORE YOU DIG
CALL-TOLL FREE
1-800
227-2600

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



PLANS PREPARED UNDER SUPERVISION OF
Brian G. Escote 3/5/2011
BRIAN G. ESCOTE
R.C.E. 21884
EXP. 9/30/11
BENCHMARK: C4-73
PK NAIL WITH CITY ENGINEER TAG IN STREET LIGHT BASE ALONG SOUTHERLY CURB OF ARLINGTON AVENUE, 55 FEET EASTERY OF NEIL STREET.
ELEVATION: 789.705
NVGD 29

SDH & Associates, Inc
Civil Engineering - Land Planning
5225 Canyon Crest Dr. #71439
Riverside, California 92507
TEL: (951) 683-3691 FAX: (951) 788-2314

PUBLIC UTILITIES - WATER
[Signature] 3/21/11
APPROVED BY: _____ DATE

PUBLIC UTILITIES - ELECTRIC
[Signature] 3/21/11
APPROVED BY: _____ DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ DATE
PRINCIPAL ENGINEER: *[Signature]* 4-4-11
TRAFFIC DIVISION: *[Signature]* 4-3-11
CITY ENGINEER: *[Signature]* 4/20/11
DATE

CITY OF RIVERSIDE

HARVEST PARKING LOT
STREET IMPROVEMENT PLANS
ARLINGTON AVENUE
STA. 15+00.00 TO STA. 25+00.00

JOB NO. 0910

R-4191

SHEET 2 OF 5
PW10-0123

PROFILE SCALE
 HORIZ. 1" = 40 FT.
 VERT. 1" = 4 FT.

775 E.P. @ 18' L.T.

775 C.L.

775 T.C. @ 18' R.T.

775 L.T.

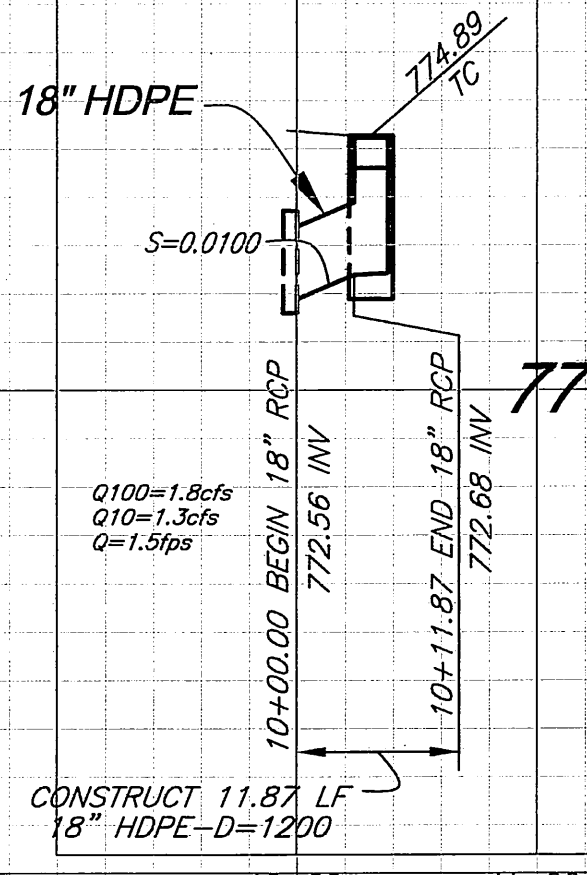
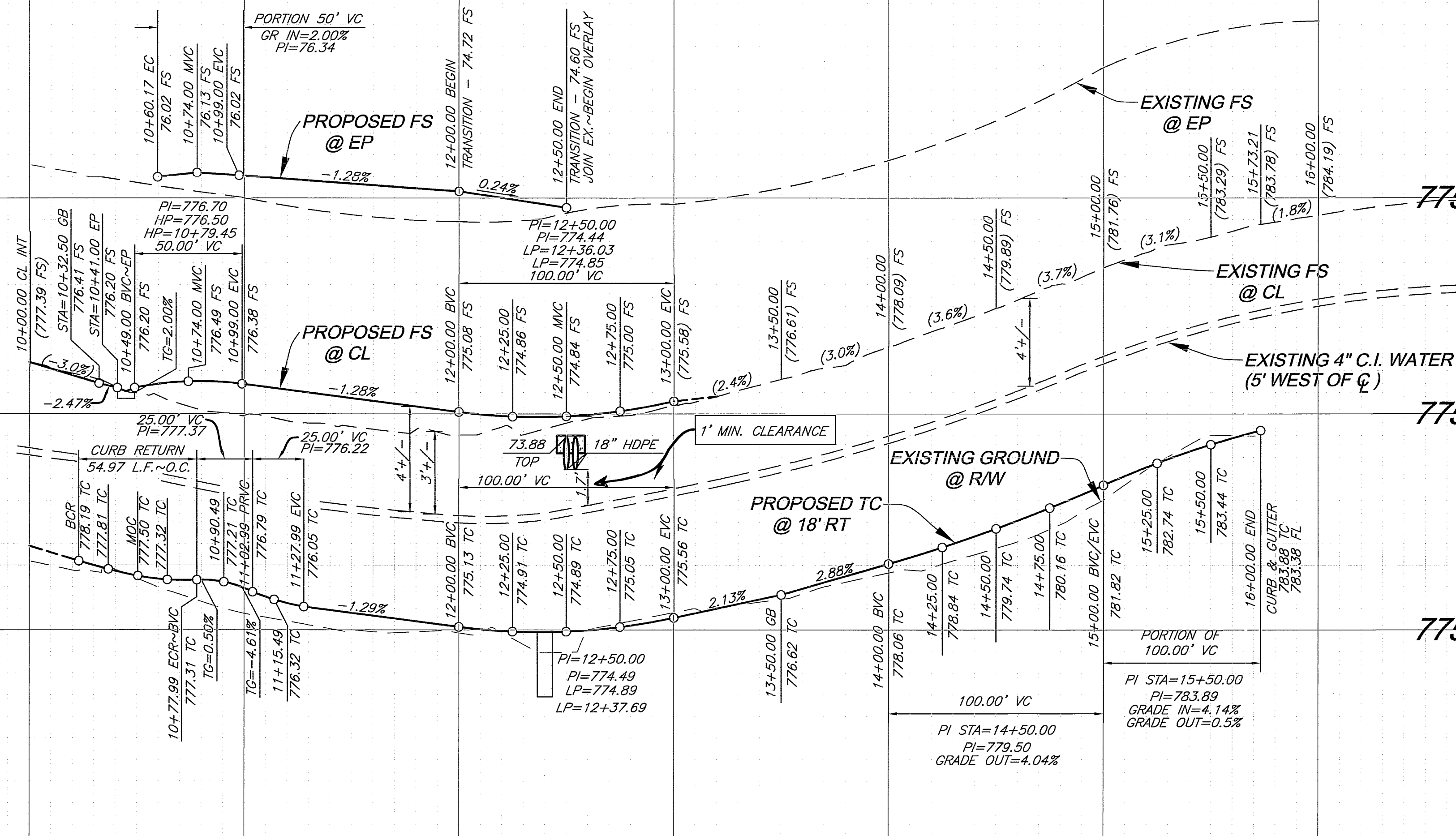
775 C.L.

775 R.T.

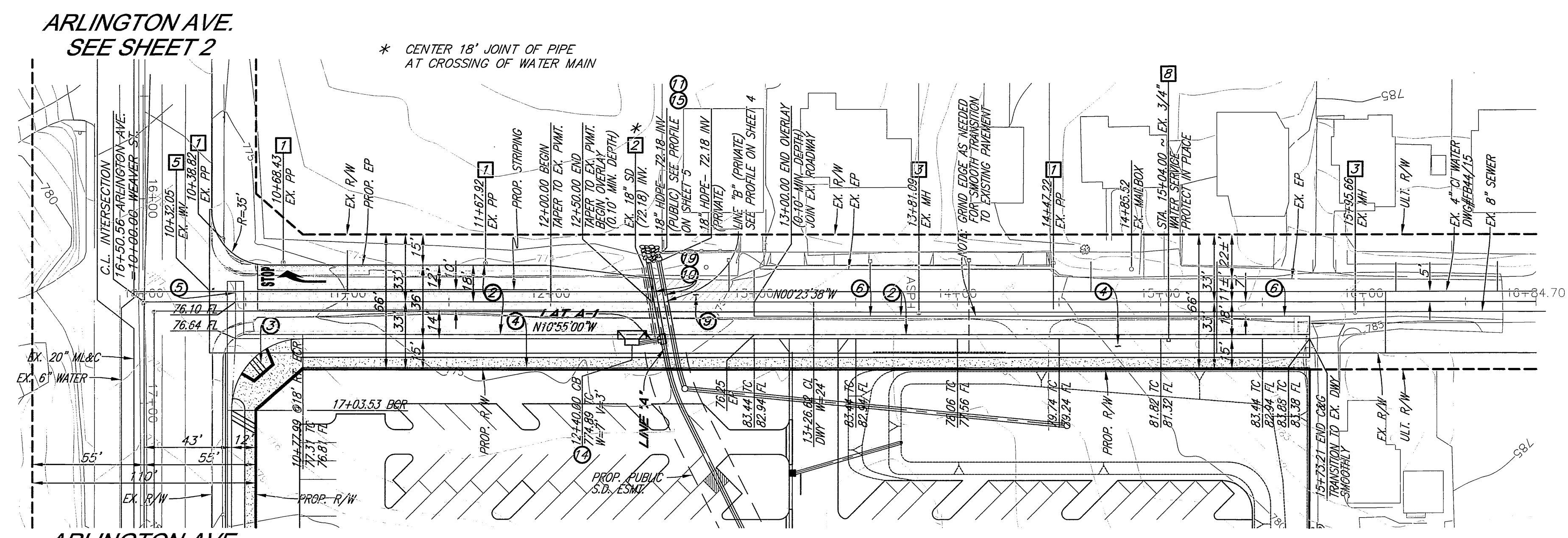
775

770

775



LATERAL "A-1"
 PROFILE SCALE
 HORIZ. 1" = 40 FT.
 VERT. 1" = 4 FT.



- DISPOSITION NOTES**
- 1 EXISTING POLE TO REMAIN
 - 2 EXISTING RCP STORM DRAIN TO BE REMOVED
 - 3 EXISTING SEWER MH TO REMAIN
 - 4 EXISTING POLE TO BE RELOCATED BY OTHERS
 - 5 EXISTING WATER VALVE - ADJUST TO GRADE
 - 6 EXISTING SIGN TO BE RELOCATED TO CURB RETURN
 - 7 EXISTING POLE TO BE RELOCATED
 - 8 EXISTING WATER METER BOX ADJUST TO GRADE

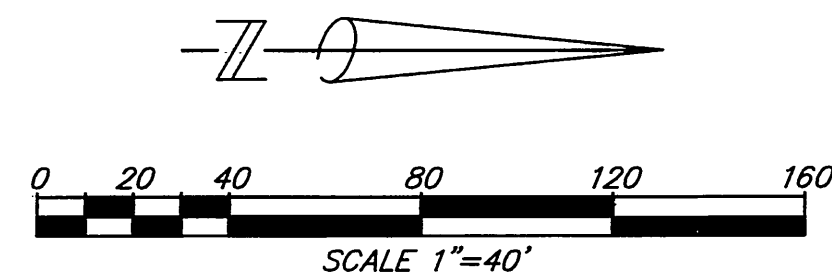
- WATER CONSTRUCTION NOTES BY CITY FORCES**
- 10 EXTEND EX. 3/4" WATER SERVICE PER CWD-600
 - 11 CUT AND PLUG 3/4" WATER SERVICE
 - 12 SHORTEN EX. 3/4" WATER SERVICE PER CWD-600

CONSTRUCTION NOTES

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- 5 CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD #220 W=6'
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PAVING LEGEND

- PROPOSED A.C. PAVEMENT
- PROPOSED P.C.C. SIDEWALK
- GRIND/OVERLAY EXISTING PAVEMENT (MIN. 0.1 THICKNESS)



Underground Service Alert
 CALL BEFORE YOU DIG
 CALL TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

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



PLANS PREPARED UNDER SUPERVISION OF
 DATE 3/15/2011
 BENCHMARK: C4-73
 PK NAIL WITH CITY ENGINEER TAG IN STREET LIGHT BASE ALONG SOUTHERLY CURB OF ARLINGTON AVENUE, 55 FEET EASTERY OF NEIL STREET.
 ELEVATION: 789.705
 NVGD 29

SDH & Associates, Inc
 Civil Engineering - Land Planning
 5225 Canyon Crest Dr. #71439
 Riverside, California 92507
 TEL: (951) 683-3691 FAX (951) 788-2314

PUBLIC UTILITIES - WATER
 APPROVED BY: [Signature] DATE: 3/21/11

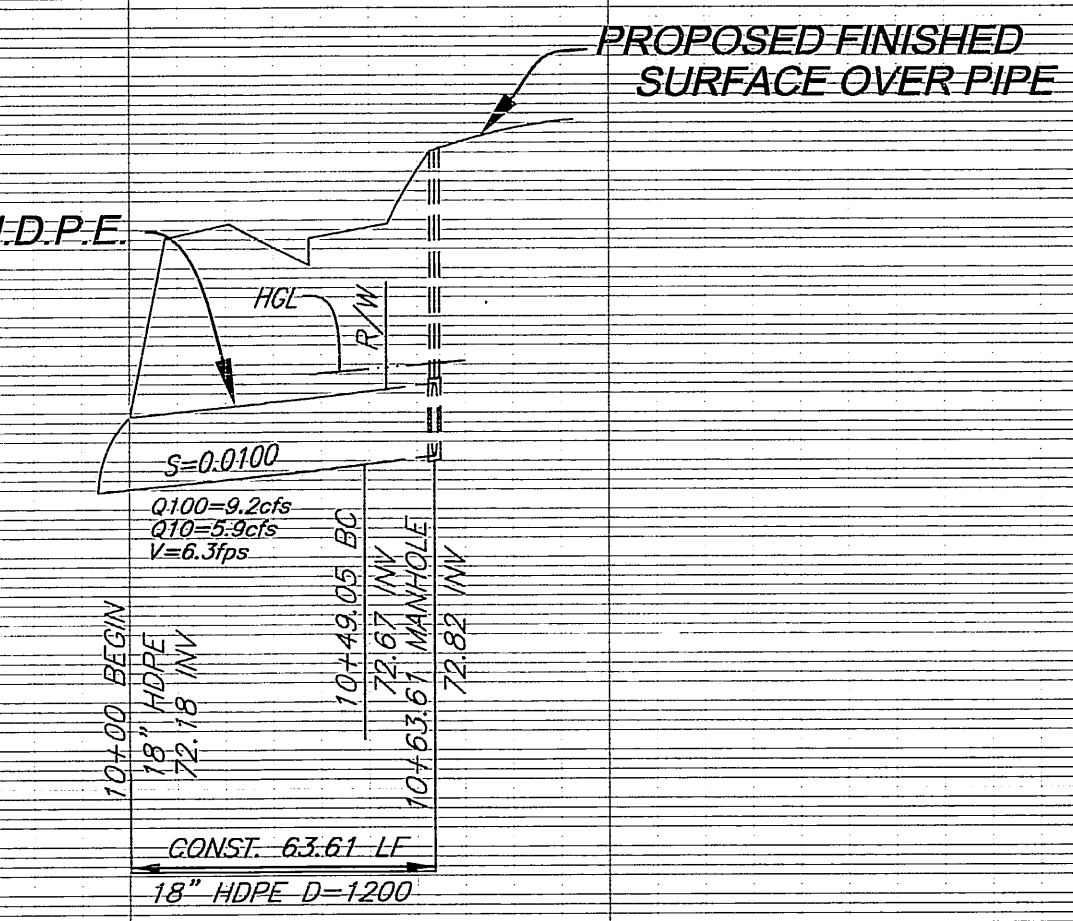
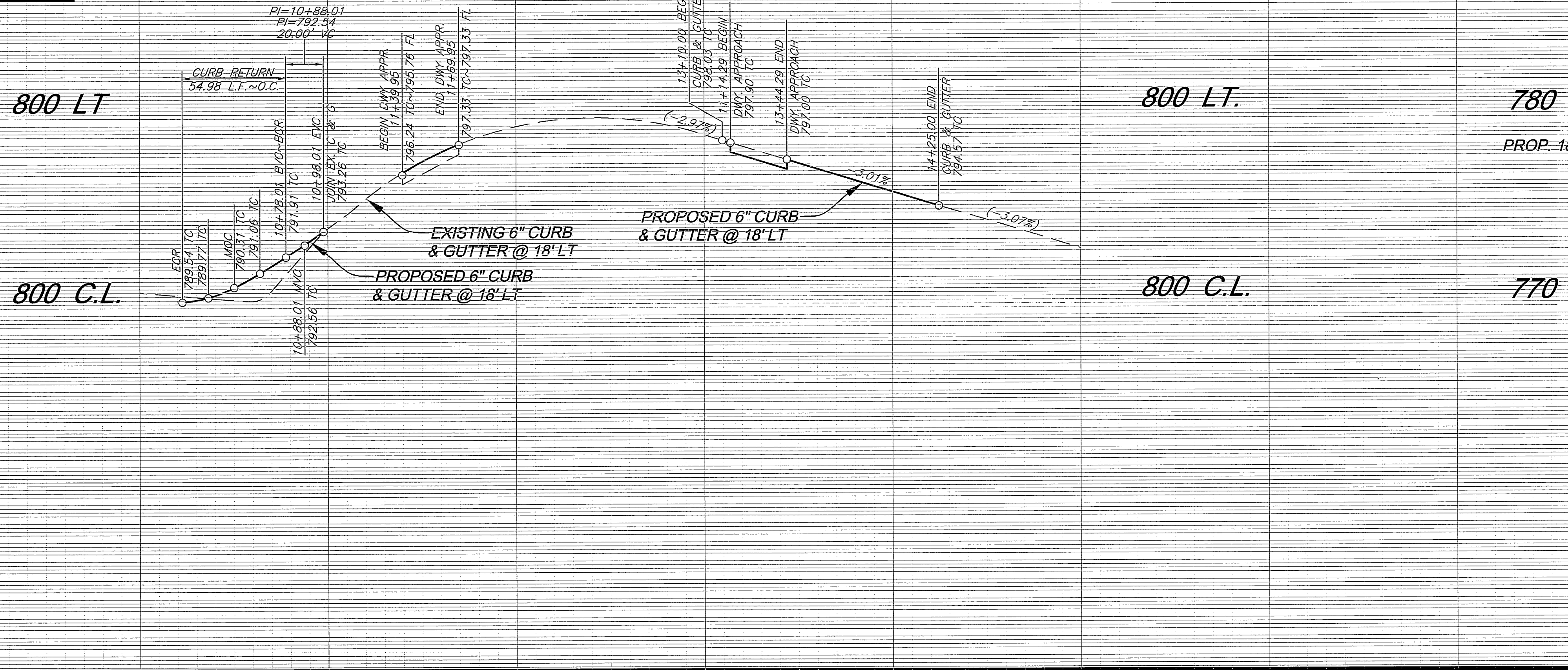
PUBLIC UTILITIES - ELECTRIC
 APPROVED BY: [Signature] DATE: 3/21/11

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 4/2/11
 PRINCIPAL ENGINEER: [Signature] DATE: 4/2/11
 TRAFFIC DIVISION: [Signature] DATE: 4/2/11
 CITY ENGINEER: [Signature] DATE: 4/2/11

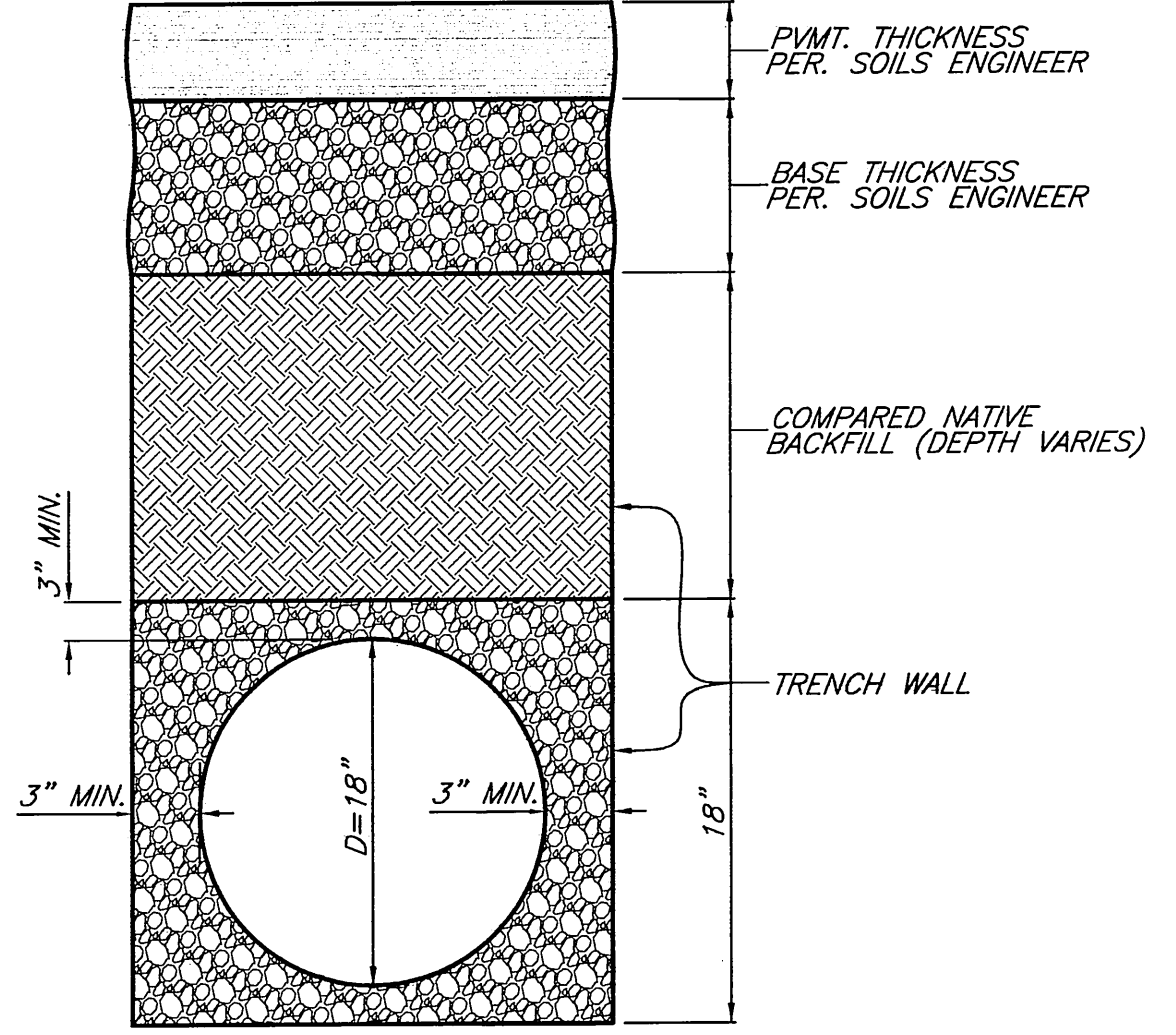
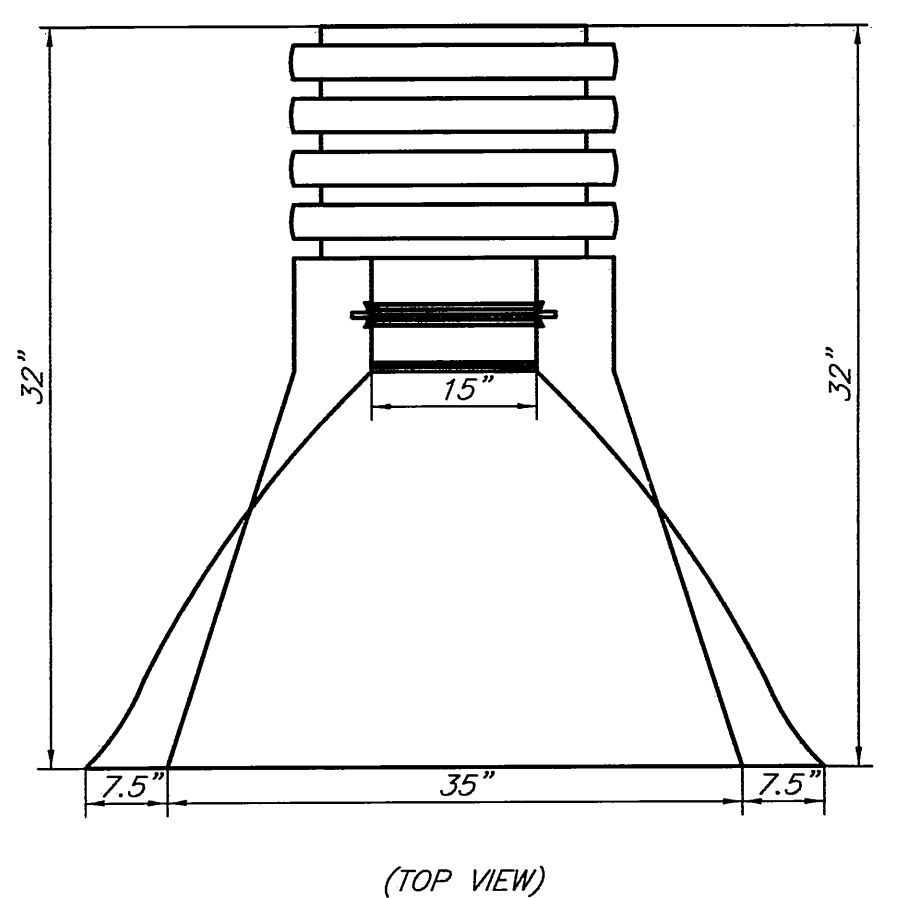
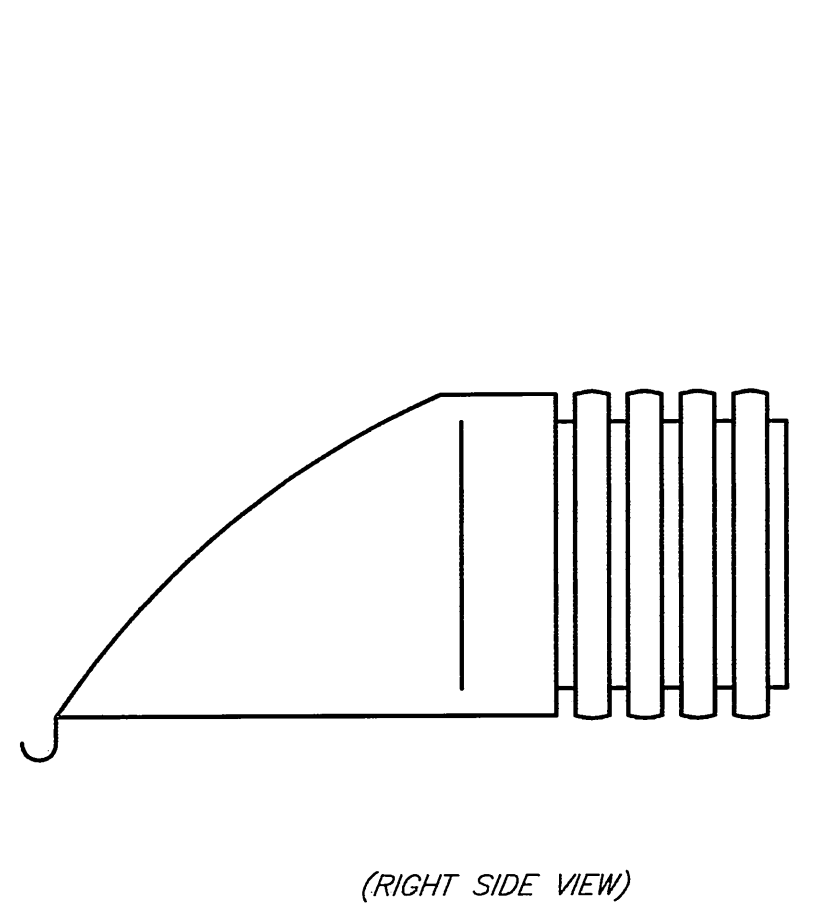
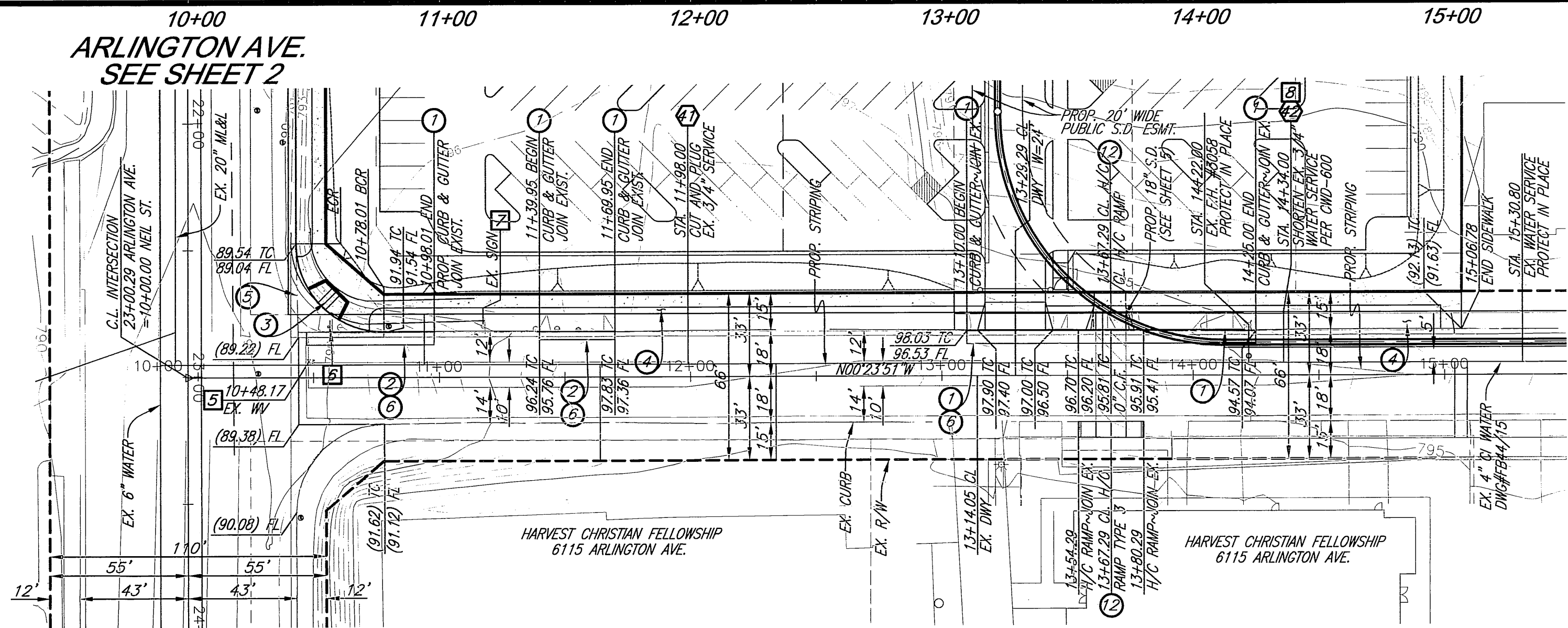
CITY OF RIVERSIDE
HARVEST PARKING LOT
STREET IMPROVEMENT PLANS
WEAVER STREET
 STA. 10+00.00 TO STA. 15+73.21

JOB NO. 0910
 R-4191
 SHEET 3 OF 5
 PW10-0123

PROFILE SCALE
 HORIZ. 1" = 40 FT.
 VERT. 1" = 4 FT.



LINE "B"
 (PRIVATE)
 PROFILE SCALE
 HORIZ. 1" = 40 FT.
 VERT. 1" = 4 FT.



ADS FLARED END SECTION DETAIL
 NO SCALE

BEDDING DETAIL
 NO SCALE

CONSTRUCTION NOTES

- 1) CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD #200 (TYPE 1)
- 2) CONSTRUCT _____" A.C. OVER _____" A.B. PER S.R. _____ R=_____
- 3) CONSTRUCT WHEELCHAIR RAMP TYPE I PER CITY OF RIVERSIDE STD. #304
- 4) CONSTRUCT PCC SIDEWALK PER CITY OF RIVERSIDE STD #325
- 5) CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD #220 W=6"
- 6) SAWCUT EXISTING PAVEMENT
- 7) CONSTRUCT PARKWAY DRAIN PER APWA STD. 151-1
- 8) CONSTRUCT 6" AC BERM
- 9) CONSTRUCT A.C. GRIND/OVERLAY EXISTING PAVEMENT WITH MIN. 0.10" DEPTH
- 10) CONSTRUCT 18" HDPE STORM DRAIN PIPE, BEDDING PER DETAIL ON SHEET 4
- 11) CONSTRUCT ADS FLARED END SECTION (OR APPROVED EQUAL) PER DETAIL ON SHEET 4
- 12) CONSTRUCT MID BLOCK HANDICAP RAMP (TYPE PER PLAN)
- 13) CONSTRUCT STORM DRAIN M.H. PER CITY OF RIVERSIDE STD. 431
- 14) CONSTRUCT SIDE INLET CATCH BASIN PER CITY OF RIVERSIDE STD. 405
- 15) CONSTRUCT 5'X10' RIP RAP PAD W/ 6"-12" DIA ROCK (UNROUTED)
- 16) CONSTRUCT JUNCTION STRUCTURE B PER CITY OF RIVERSIDE STD 421
- 17) JOIN EXISTING CATCH BASIN
- 18) SEE PRECISE GRADING PLAN FOR C.B. INFO
- 19) SLURRY BACKFILL TOP HALF OF PIPE TO 6" OVER TOP OF PIPE WITHIN PAVED AREA
- 20) CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD 424

WATER CONSTRUCTION NOTES BY CITY FORCES

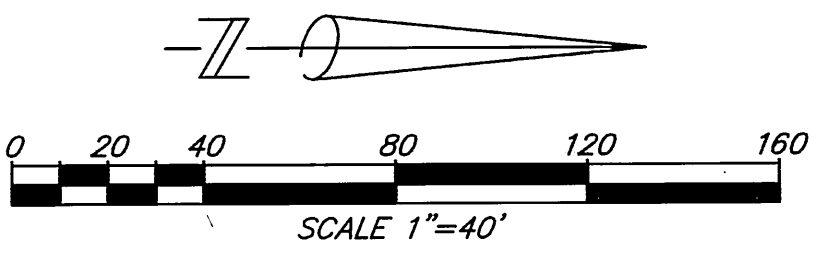
- 10) EXTEND EX. 3/4" WATER SERVICE PER CWD-600
- 11) CUT AND PLUG 3/4" WATER SERVICE
- 12) SHORTEN EX. 3/4" WATER SERVICE PER CWD-600

PAVING LEGEND

- PROPOSED A.C. PAVEMENT
- PROPOSED P.C.C. SIDEWALK
- GRIND/OVERLAY EXISTING PAVEMENT (MIN. 0.1 THICKNESS)

DISPOSITION NOTES

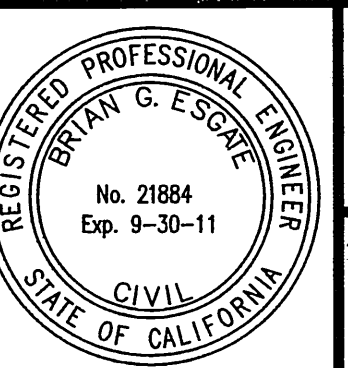
- 1) EXISTING POLE TO REMAIN
- 2) EXISTING RCP STORM DRAIN TO BE REMOVED
- 3) EXISTING SEWER MH TO REMAIN
- 4) EXISTING POLE TO BE RELOCATED BY OTHERS
- 5) EXISTING WATER VALVE- ADJUST TO GRADE
- 6) EXISTING SIGN TO BE RELOCATED TO CURB RETURN
- 7) EXISTING SIGN TO REMAIN
- 8) EXISTING WATER METER BOX ADJUST TO GRADE



PUBLIC UTILITIES - WATER		PUBLIC UTILITIES - ELECTRIC	
APPROVED BY: <i>[Signature]</i>	DATE: 3/21/11	APPROVED BY: <i>[Signature]</i>	DATE: 3/21/11
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY:	DATE:	APPROVED BY:	DATE:
PRINCIPAL ENGINEER	3/21/11	CITY ENGINEER	3/21/11
TRAFFIC DIVISION			
MARK:	REVISIONS:	APPR. DATE:	
DESIGNED BY: S.S.	DRAWN BY: S.U.S.	CHECKED BY: B.G.E.	

Underground Service Alert
 CALL BEFORE YOU DIG
 CALL-TOLL FREE
 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

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



PLANS PREPARED UNDER SUPERVISION OF
[Signature] DATE: 3/15/2011
 BRIAN G. ESCATE
 R.C.E. 21884
 EXP. 9/30/11
 BENCHMARK: C4-73
 PK MARK WITH CITY ENGINEER TAG IN STREET LIGHT BASE ALONG SOUTHERLY CURB OF ARLINGTON AVENUE, 55 FEET EASTERY OF NEIL STREET.
 ELEVATION: 789.705
 NVGD 29

SDH & Associates, Inc
 Civil Engineering - Land Planning
 5225 Canyon Crest Dr. #71439
 Riverside, California 92507
 TEL: (951) 683-3691 FAX (951) 788-2314

JOB NO. 0910

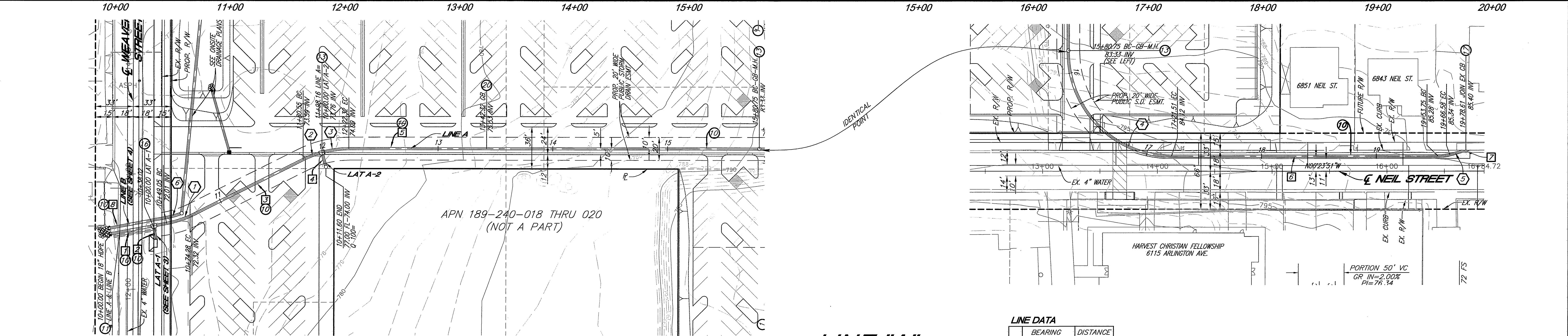
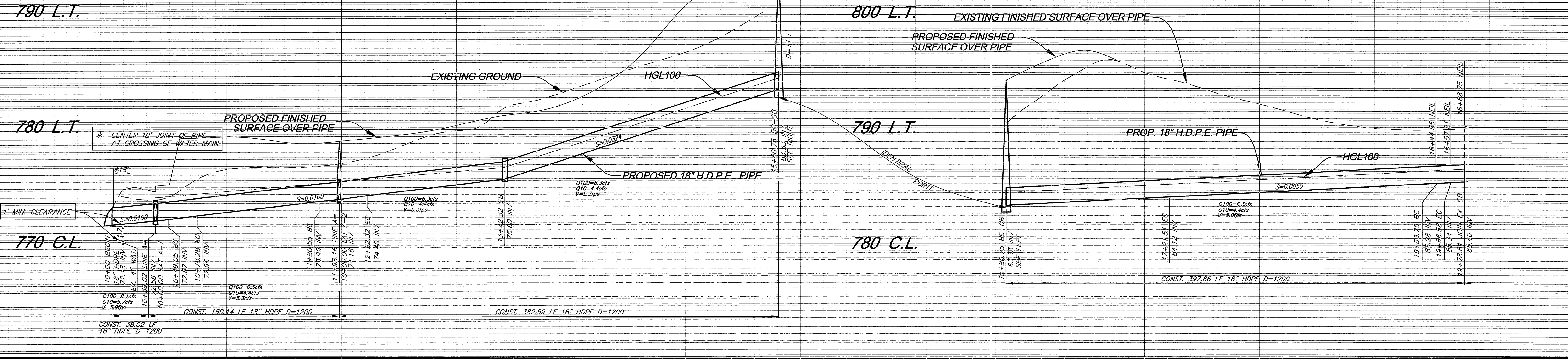
CITY OF RIVERSIDE

**HARVEST PARKING LOT
 STREET IMPROVEMENT PLANS**

NEIL STREET
 STA. 10+00.00 TO STA. 16+84.72

R-4191
 SHEET 4 OF 5
 PW10-0123

PROFILE SCALE
 HORIZ. 1" = 40 FT.
 VERT. 1" = 4 FT.



CONSTRUCTION NOTES

- ① CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD #200 (TYPE 1)
- ② CONSTRUCT _____ " A.C. OVER _____ " A.B. PER S.R. _____ R=_____
- ③ CONSTRUCT WHEELCHAIR RAMP TYPE I PER CITY OF RIVERSIDE STD. #304
- ④ CONSTRUCT PCC SIDEWALK PER CITY OF RIVERSIDE STD #325
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- ㉑ CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD 424

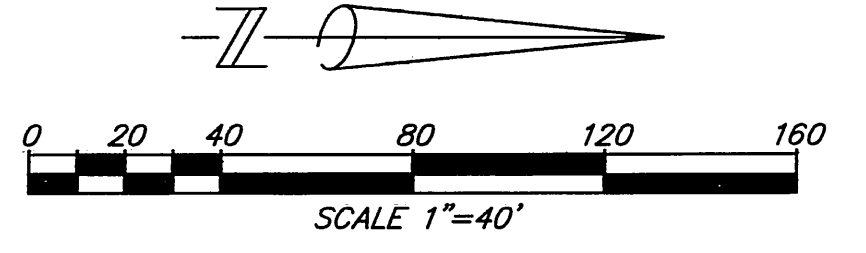
LINE "A"

LINE DATA

BEARING	DISTANCE
1 N79°05'00"W	49.05'
2 N10°55'00"W	11.85'
3 N16°30'10"W	106.27'
4 N15°46'25"W	11.60'
5 N89°36'35"W	358.44'
6 N00°23'51"W	232.25'
7 N16°44'01"W	12.03'
8 N79°05'00"W	49.05'

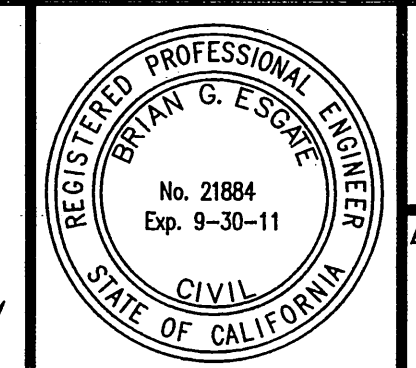
CURVE DATA

DELTA	RADIUS	LENGTH	TANGENT
① 16°03'54"	90.00'	25.23'	12.70'
② 11°12'29"	90.00'	17.61'	8.83'
③ 15°23'00"	90.00'	24.16'	12.16'
④ 90°00'27"	90.00'	141.38'	90.01'
⑤ 16°20'10"	45.00'	12.83'	6.46'
⑥ 16°20'10"	45.00'	12.83'	6.46'



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PLANS PREPARED UNDER SUPERVISION OF
Brian G. Esquire 3/15/11
 BRIAN G. ESQUIRE DATE
 R.C.E. 21884
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PUBLIC UTILITIES - WATER
 APPROVED BY: *[Signature]* DATE: 3/21/11

PUBLIC UTILITIES - ELECTRIC
 APPROVED BY: *[Signature]* DATE: 3/21/11

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ BY: _____ DATE: _____
 PRINCIPAL ENGINEER
 TRAFFIC DIVISION

MARK: _____ REVISIONS: _____ APPR. DATE: _____
 DESIGNED BY: S.S. DRAWN BY: D.A.S. CHECKED BY: B.G.E.

CITY OF RIVERSIDE
 HARVEST PARKING LOT
 STORM DRAIN PLANS
 LINE "A"
 STA. 10+00.00 TO STA. 19+78.61

R-4191
 SHEET 5 OF 5
 PW10-0123

JOB NO. 0910
 R-4191
 SHEET 5 OF 5
 PW10-0123