

STREET CONSTRUCTION GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-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 REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- 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.
- 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.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE 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 CONTRACTOR.
- 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.
- 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.
- THE SUBDIVIDER 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.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING STREETS TO TRAFFIC.
- SEE STREET LIGHT PLAN FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.*
- ON ALL AREAS WITH 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.

*THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. THE RELOCATION OF ANY UNDERGROUND POWER FACILITIES SHALL BE DETERMINED BY THE DEVELOPER AND THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. THE RELOCATION OF ANY OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. CONTACT RIVERSIDE PUBLIC UTILITIES APPROX. 90 DAYS PRIOR TO CONSTRUCTION FOR APPROVED STREET LIGHT PLANS AND/OR RELOCATION PLANS.
CONTACT: BILL MAINORD PHONE: 951-826-5830
3801 ORANGE ST.
RIVERSIDE CA 92501

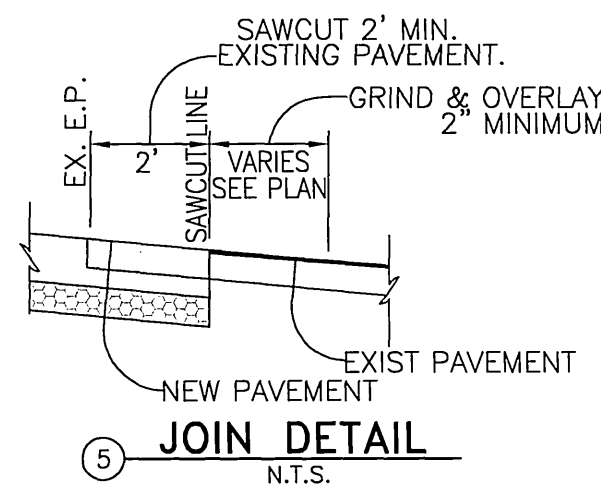
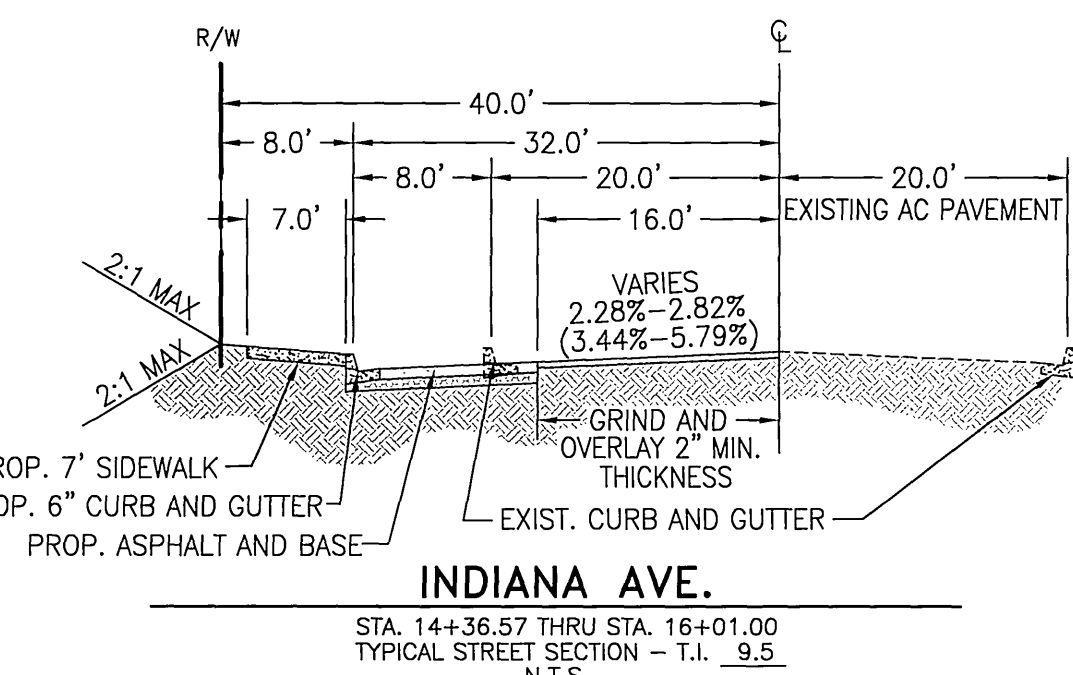
CONSTRUCTION NOTES AND QUANTITY ESTIMATE

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY "TAKE-OFF".

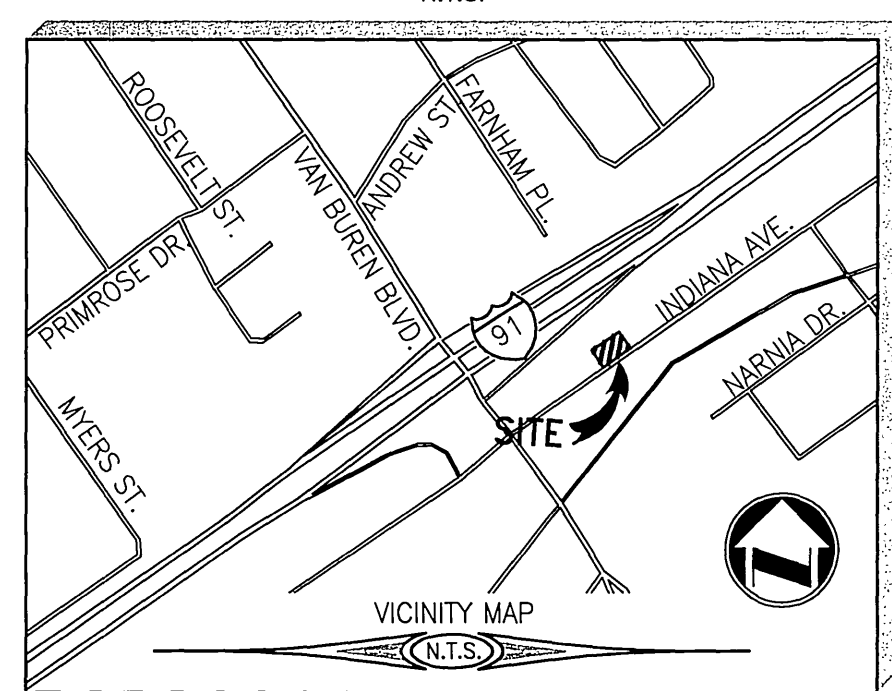
1	PLACE " " A.C. PER SOILS REPORT NO. _____ R=_____ OVER _____	59	TON
	" " COARSE AGGREGATE BASE (CLASS II)	44	CY
	**3" A.C. AND 6" C.A.B. ASSUMED FOR BONDING PURPOSES. SECTION DATA TO BE ADDED PER SOILS REPORT PRIOR TO CONSTRUCTION.		
2	CONSTRUCT PARKWAY DRAIN PER APWA STD. NO. 151-1 (TYPE-2), S=12"	1	EA
3	REMOVE EXISTING CURB AND GUTTER	192	LF
4	GRIND AND OVERLAY (2" MINIMUM) THICKNESS [HATCH]	3670	SF
5	SAWCUT EXISTING PAVEMENT AND JOIN PER DETAIL HEREON (SEE BELOW)	197	LF
6	CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD 302 (TYPE I CURB) A=30.0' AND B=48.0' (COMMERCIAL APPROACH)	475	SF
7	CONSTRUCT 7" WIDE SIDEWALK PER CITY STD. NO 325	1155	SF
8	REMOVE EXISTING SIDEWALK	825	SF
9	CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. NO. 200 (TYPE I)	192	EA
10	REMOVE EXISTING A.C. PAVING [HATCH]	385	SF
11	INSTALL SEWER LATERAL WITH P.L. C.O. PER CITY OF RIVERSIDE STD. 562A	1	EA
12	INSTALL BACKFLOW PREVENTION ASSEMBLY DEVICE PER CWD STD. DWG. NO.-616	2	EA
13	INSTALL BACKFLOW PREVENTION ASSEMBLY DEVICE PER CWD STD. DWG. NO.-617	1	EA

WATER CONSTRUCTION NOTES BY CITY FORCES

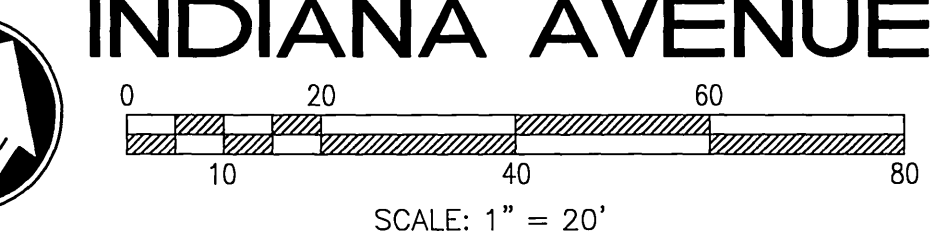
- INSTALL 1" SERVICE- 1" METER (DOMESTIC) PER CWD STD. DWG NO.-600
- INSTALL 1" SERVICE- 1" METER (LANDSCAPE) PER CWD STD. DWG. NO.-600
- INSTALL 4" FIRE SERVICE PER CWD STD. DWG. NO.-615



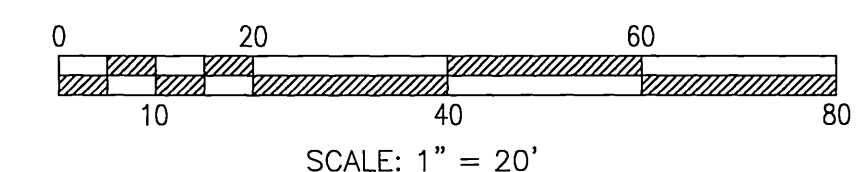
LINE	LENGTH	BEARING
L1	164.43	N56°22'39"E
L2	26.83	N82°56'33"E



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



INDIANA AVENUE



SCALE: 1" = 20'

DATE: 6/17/08

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adkan ENGINEERS
Civil Engineering - Surveying - Planning
6820 Airport Drive, Riverside, CA 92504
Tel: (951) 888-2241 Fax: (951) 888-0599

BENCHMARK: F4-P2

CITY OF RIVERSIDE BENCHMARK DESCRIPTION: P.K. NAIL AND CITY ENGINEER TAG IN THE NORTHERLY CURB OF INDIANA AVENUE, ABOUT 215 FEET EAST OF THE CENTERLINE INTERSECTION OF VAN BUREN BLVD AND INDIANA AVE.

ELEVATION: 814.981

DESIGNED BY: MITCH DRAWN BY: MITCH CHECKED BY: C-

DATE: 6/17/08

DATE: 6/17/08

WATER DEPARTMENT NOTE:

- DEVELOPER TO GIVE THE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW THE CITY TEN (10) WORKING DAYS FOR THE COMPLETION OF THE WORK.

CONTRACTOR'S NOTE:

- CONTRACTOR TO VERIFY THE EXACT LOCATION AND INVERT ELEVATION OF ALL EXISTING UTILITIES PRIOR TO THE CONSTRUCTION OF WATER SERVICES AND SEWER LATERALS.

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	6-23-08	[Signature]	[Signature]
TRAFFIC DIVISION	6-23-08	[Signature]	[Signature]
CITY ENGINEER	6/24/08	[Signature]	[Signature]

STREET IMPROVEMENT LEGEND

BC	BEGIN CURVE	HP	HIGH POINT
C.B.	CATCH BASIN	INV.	INVERT OF PIPE
C	CENTERLINE	C&G	C&G
EC	END CURVE	LT	LEFT
E.P.	EDGE OF PAVEMENT	MH	MANHOLE
EX/EXIST.	EXISTING	PROP.	PROPOSED
F.F.	FINISHED FLOOR	RT	RIGHT
FL	FLOW LINE	SWR.	SEWER
FS	FINISHED SURFACE	S.D.	STORM DRAIN
GB	GRADE BREAK	STD.	STANDARD
AC	ASPHALT CEMENT	TC	TOP OF CURB
VC	VERTICAL CURVE	TG	TOP OF GRATE

STREET IMPROVEMENT PLAN
INDIANA AVE.
STA. 14+36.57 THRU STA. 16+25.00
PLAN AND PROFILE
ACCOUNT NO. PW07-1064
R-4084
SHEET 1 OF 1
J.N. 7418

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

DWG. PATH: U:\PROJECTS\STILLWELL\7418\STREET PLANS\7418ST01.DWG

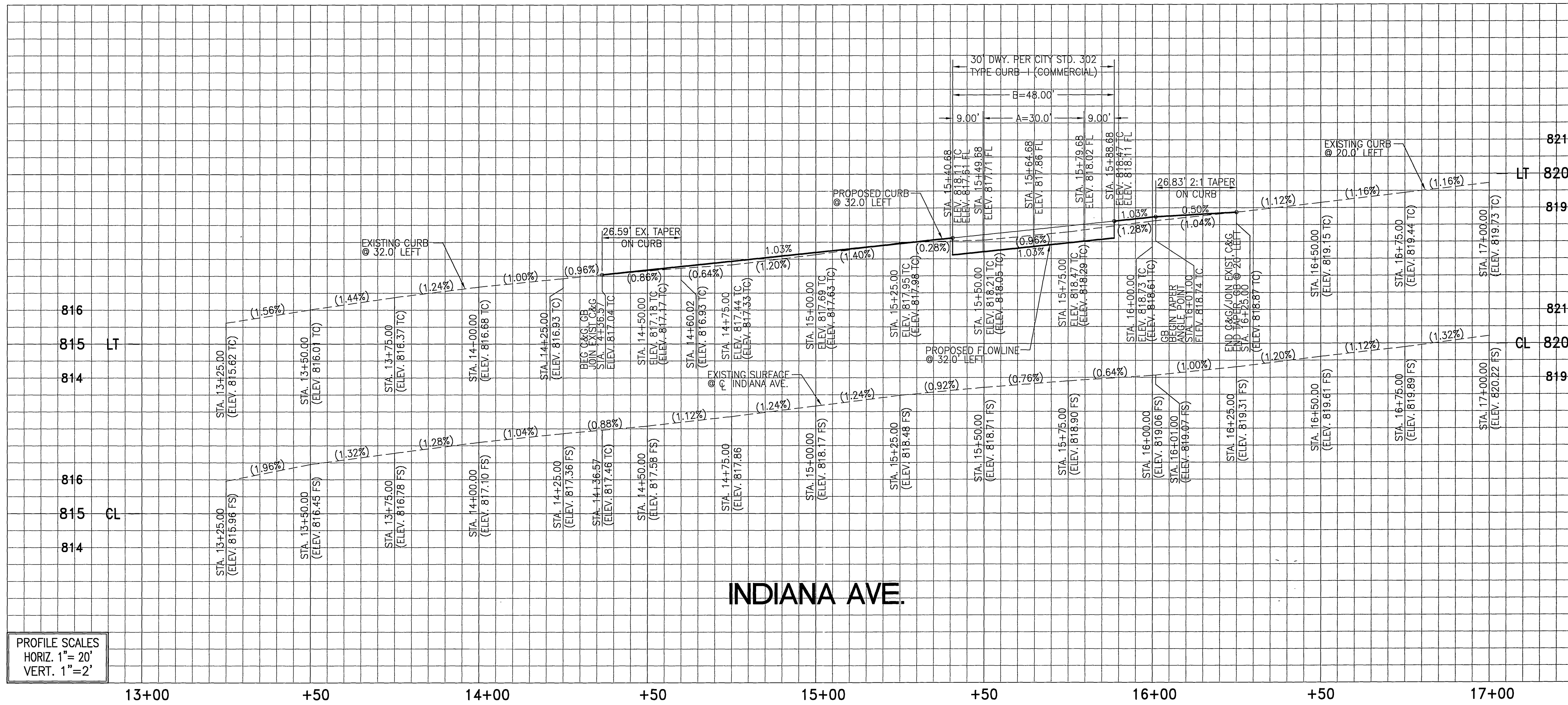
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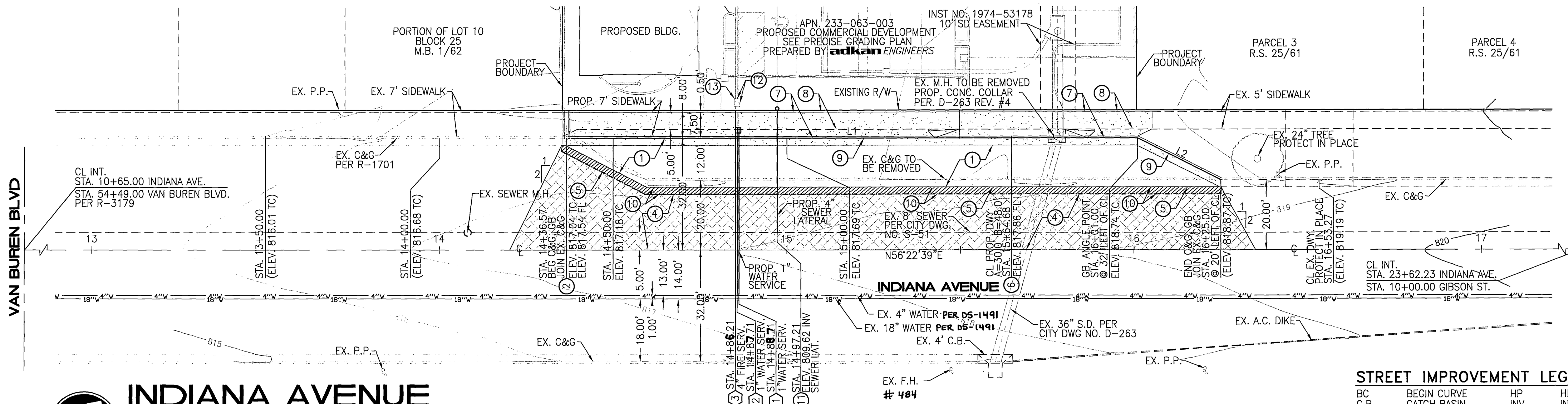
DATE: 6/23/08

**STREET IMPROVEMENT PLAN FOR:
9431 INDIANA AVE. RIVERSIDE CA**



PROFILE SCALES
HORIZ. 1" = 20'
VERT. 1" = 2'

INDIANA AVE.



PLotted: 3/10/2008 3:57 PM