

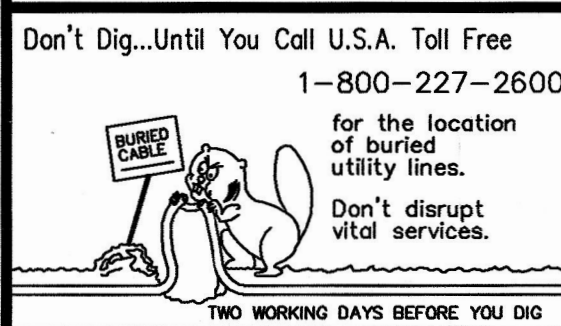
# RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

## GENERAL NOTES

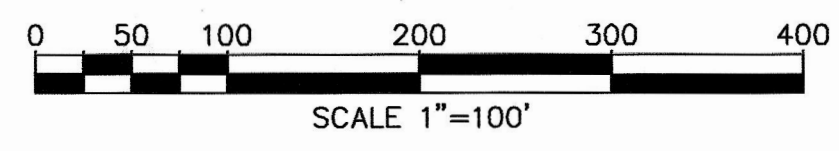
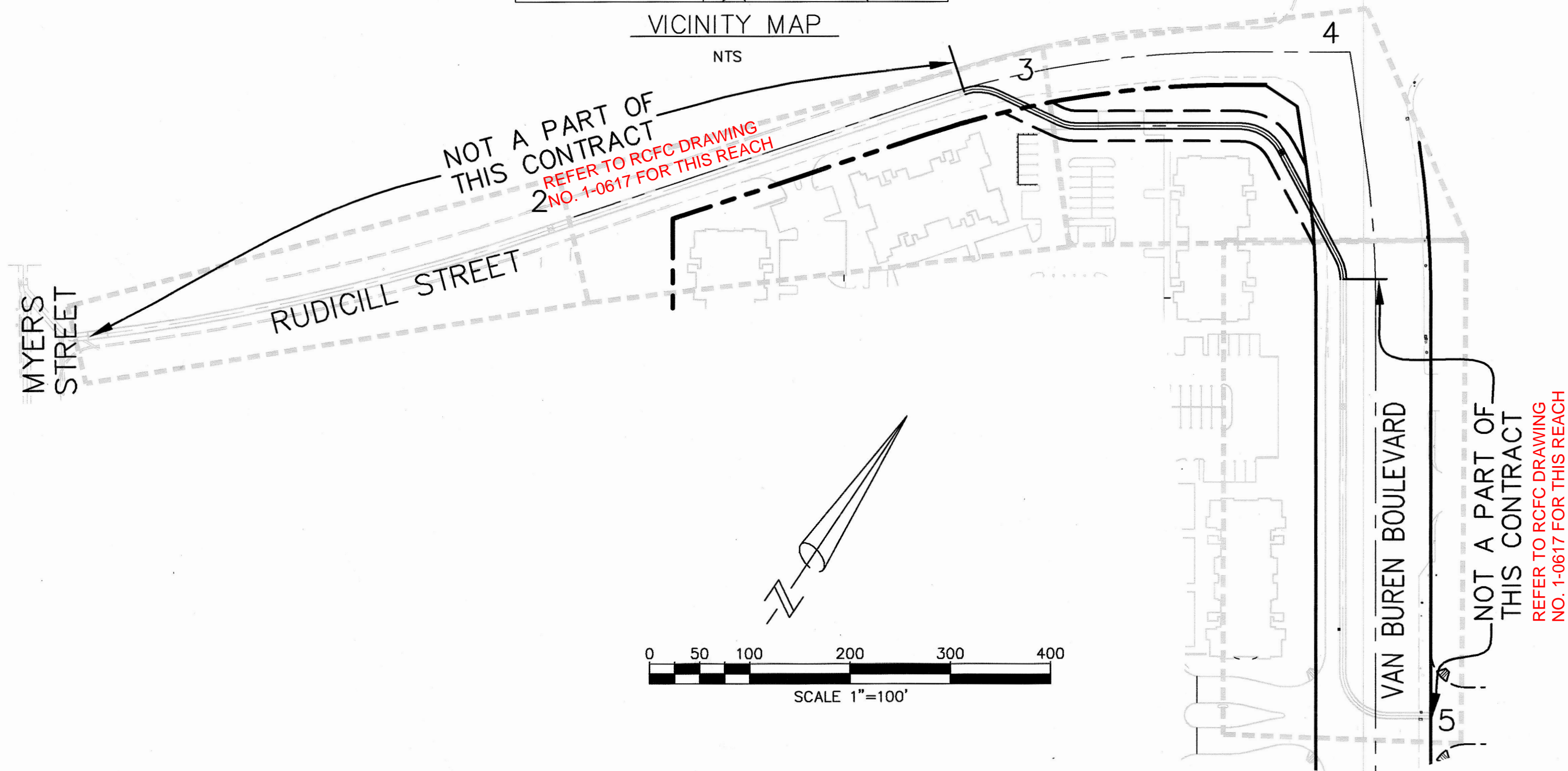
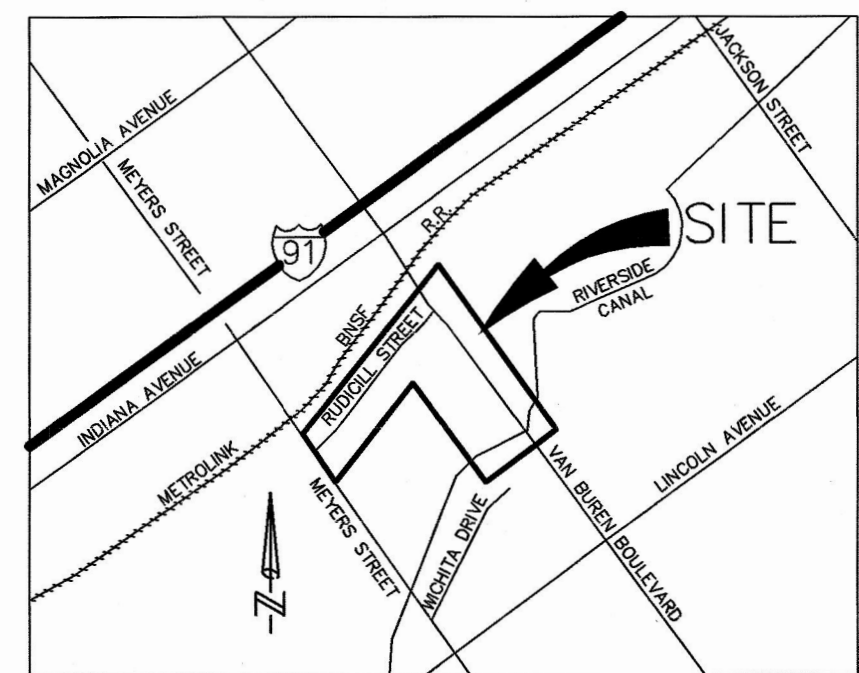
- THE CONTRACTOR SHALL CONSTRUCT THE FLOOD CONTROL IMPROVEMENTS SHOWN ON THE DRAWINGS IN CONFORMANCE WITH THE REQUIREMENTS OF THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT'S M.O.U. STANDARD SPECIFICATIONS DATED SEPTEMBER 1984, AND DESIGN MANUAL STANDARD DRAWINGS DATED MAY 1971.
- AN ENCROACHMENT PERMIT IS REQUIRED FROM RIVERSIDE COUNTY FLOOD CONTROL. CONTACT ED LOTZ AT 909/955-1266. AFTER THE PERMIT IS ISSUED THE DISTRICT MUST BE NOTIFIED ONE WEEK PRIOR TO CONSTRUCTION.
- CONSTRUCTION INSPECTION WILL BE PERFORMED BY RIVERSIDE COUNTY FLOOD CONTROL. CONTACT DALE ANDERSON AT 909/955-1288. THE DISTRICT MUST BE NOTIFIED TWENTY DAYS (20) PRIOR TO CONSTRUCTION.
- ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- STATIONING FOR LATERALS AND CONNECTOR PIPE REFER TO THE CENTERLINE INTERSECTION STATIONS.
- FORTY-EIGHT HOURS BEFORE EXCAVATION, CALL UNDERGROUND SERVICE ALERT 1-800-227-2600.
- ALL ELEVATIONS SHOWN ARE IN FEET AND DECIMALS THEREOF BASED ON U.S.C. & G.S DATUM.
- ALL CROSS SECTIONS ARE TAKEN LOOKING DOWNSTREAM.
- ELEVATIONS OF UTILITIES ARE APPROXIMATE UNLESS OTHERWISE NOTED.
- OPENINGS RESULTING FROM THE CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES OR SIMILAR STRUCTURES TO BE ABANDONED SHALL BE SEALED WITH 6" OF CLASS "B" CONCRETE.
- PIPE CONNECTED TO THE MAINLINE PIPE SHALL CONFORM TO JUNCTION STRUCTURE NO. 4 (JS 229) UNLESS OTHERWISE NOTED.
- PIPE BEDDING SHALL CONFORM TO RCFC&WCD STD. DWG. NO. M815 EXCEPT FOR COVER <2 FEET. FOR COVER <2 FEET, CONCRETE SLURRY (2000 PSI - 2 SACK) SHALL BE USED. THE ENTIRE TRENCH SHALL BE SLURRY EXTENDING 4 INCHES MINIMUM AND 12 INCHES MAXIMUM ABOVE THE TOP OF PIPE.
- BH-1 INDICATES SOIL BORING LOCATIONS BASED ON THE SOILS REPORT DATED \_\_\_\_\_ LOCATIONS SHOWN ARE APPROXIMATE.
- "V" IS THE DEPTH OF CATCH BASINS MEASURED FROM THE TOP OF CURB TO INVERT OF CONNECTOR PIPE.
- CATCH BASINS SHALL BE LOCATED SO THAT LOCAL DEPRESSION SHALL BEGIN AT EXISTING CURB RETURN JOINT, UNLESS SPECIFIED.
- ALL CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS AND OTHER EXISTING IMPROVEMENTS TO BE RECONSTRUCTED IN KIND AND AT THE SAME ELEVATION AND LOCATION AS THE EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED.
- STANDARD DRAWINGS CALLED FOR ON THE PLAN AND PROFILE SHALL CONFORM TO DISTRICT STANDARD DRAWINGS UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS REQUIRED TO CALL ALL UTILITY AGENCIES REGARDING TEMPORARY SHORING AND SUPPORT REQUIREMENTS FOR THE VARIOUS UTILITY LINES SHOWN ON THESE PLANS.
- DURING ROUGH GRADING OPERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHOULD BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES.
- APPROVAL OF THESE PLANS BY THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DOES NOT RELIEVE THE DEVELOPER'S ENGINEER OF RESPONSIBILITY FOR THE ENGINEERING DESIGN. IF FIELD CHANGES ARE REQUIRED, IT WILL BE THE RESPONSIBILITY OF THE DESIGN ENGINEER TO MAKE THE NECESSARY CORRECTIONS.
- THE CONTRACTOR OR DEVELOPER SHALL SECURE ALL REQUIRED ENCROACHMENT AND/OR STATE AND FEDERAL REGULATORY PERMITS PRIOR TO THE COMMENCEMENT OF ANY WORK.

## UNAUTHORIZED CHANGES AND USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS. CALIFORNIA COUNCIL OF CIVIL ENGINEERS AND LAND SURVEYORS



# LINE "H" STORM DRAIN IMPROVEMENT PLANS



## UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED; OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

## CONSTRUCTION NOTES AND QUANTITY ESTIMATES

① CONSTRUCT 96" R.C.P. D LOAD PER PLAN	879 L.F.
② CONSTRUCT 78" R.C.P. D LOAD PER PLAN	595 L.F.
③ CONSTRUCT 72" R.C.P. D LOAD PER PLAN	375 L.F.
④ CONSTRUCT TRANSITION STRUCTURE PER R.C.F.C. STANDARD DRAWING TS 301	1 EA.
⑤ REMOVE EXISTING CONCRETE BULKHEAD	1 EA.
⑥ CONSTRUCT CONCRETE BULKHEAD PER R.C.F.C. STANDARD DRAWING M816	3 EA.
⑦ SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"	18,942 S.F.
⑧ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252	4 EA.

## INDEX

SHEET NO.:

TITLE SHEET 1  
PLAN & PROFILE 2-6

## RCFC STANDARD DRAWINGS

MH 252 MANHOLE NO. 2  
TS 301 TRANSITION STRUCTURE NO. 1  
M 816 CONCRETE BULKHEAD

## STORM DRAIN MAINTENANCE RESPONSIBILITY

### RCFC

LINE H STA. 10+81.31-STA.29+70.49

## ENGINEER'S NOTES

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

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A DILIGENT SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS AND IS RESPONSIBLE FOR THE PROTECTION OF, ANY DAMAGE TO THESE LINES OR STRUCTURES. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 1-800-277-2600 AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION IN ORDER TO DETERMINE ACTUAL FIELD LOCATIONS OF EXISTING UTILITIES.

## PRIVATE ENGINEER'S NOTE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATION OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTION FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

**AS BUILT**

APPROVED BY: *Michael Lotz*

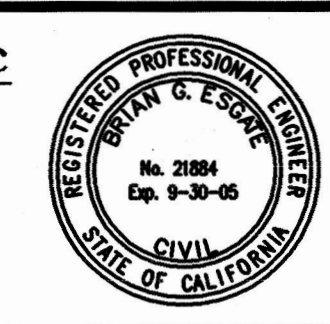
DATE: 11/16/2005

BENCH MARK  
CITY OF RIVERSIDE BENCHMARK  
#E4-J3 PK NAIL AND CITY  
ENGINEER TAG SET IN THE MIDDLE  
OF THE SOUTHWESTERLY CURB  
RETURN IN THE TOP OF CURB; AT  
THE INTERSECTION OF LINCOLN AVE.  
AND VAN BUREN BLVD.  
ELEV.=858.202 (1971)

REVISIONS	ENGINEER	RCFC/

DESIGNED BY: S.S.  
DRAWN BY: T.S.  
DATE DRAWN: MARCH 2004

APPROVED BY: *Michael Lotz*  
**SDH & Associates, Inc**  
Civil Engineering - Land Planning  
5225 Canyon Crest Drive Bldg. 300 Suite 357  
Riverside, California 92507  
TEL: (909) 788-2344 FAX (909) 788-2314  
DATE: 10/4/2004



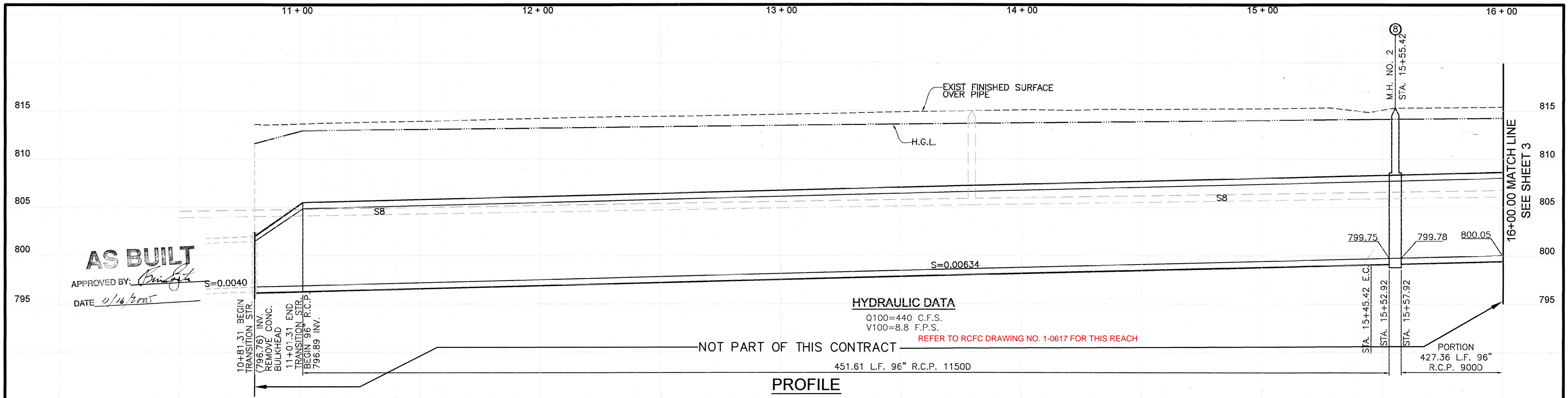
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RECOMMENDED FOR APPROVAL BY: *Stuart E. T. K...*  
PLANNING ENGINEER  
DATE: 10-26-2004  
APPROVED BY: *Michael Lotz*  
CHIEF ENGINEER  
DATE: 11/2/04

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT  
APPROVED BY: *Michael Lotz*  
DATE: 10/18/04  
RECOMMENDED BY: *Michael Lotz*  
DATE: 10/19/04

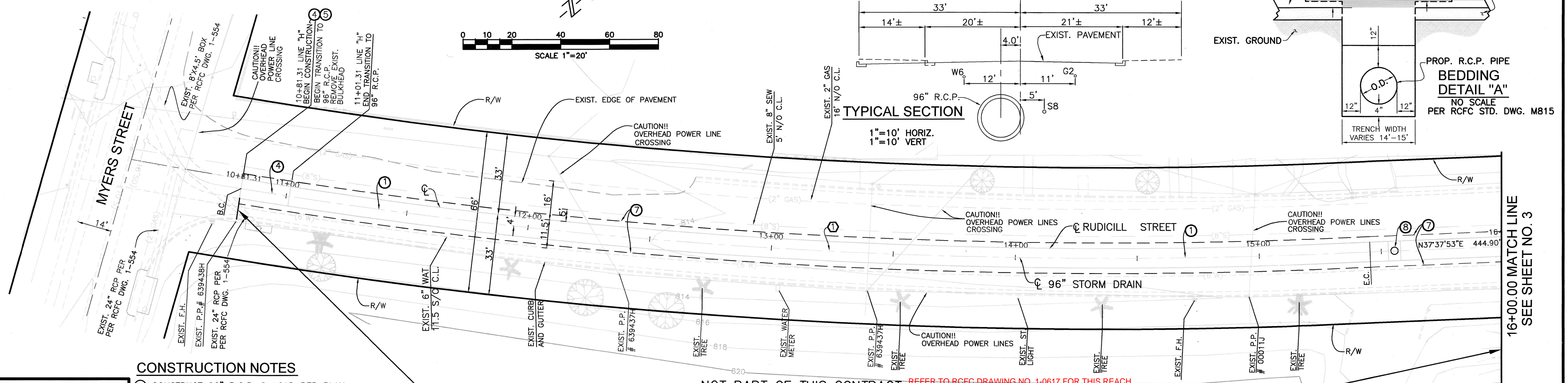
SOUTHWEST RIVERSIDE  
MDP LINE H  
STAGE 1  
TITLE SHEET

PROJECT NO. 1-0-0320  
DRAWING NO. 1-624  
SHEET NO. 1 OF 6



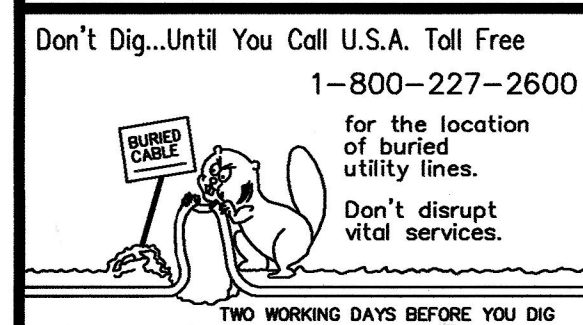


**CURVE DATA**  
 ① Δ=12°08'43" R=2189.45' L=464.11' T=232.93'  
 B.C.= STA. 10+81.31  
 E.C.= STA. 15+45.42



**CONSTRUCTION NOTES**

- ① CONSTRUCT 96" R.C.P. D LOAD PER PLAN
- ② CONSTRUCT TRANSITION STRUCTURE PER R.C.F.C. STANDARD DRAWING TS 301
- ③ REMOVE EXISTING CONCRETE BULKHEAD
- ④ SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"
- ⑤ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252



**BENCH MARK**  
 CITY OF RIVERSIDE BENCHMARK  
 #E4-L3 PK NAIL AND CITY  
 ENGINEER TAG SET IN THE MIDDLE  
 OF THE SOUTHWESTERLY CURB  
 RETURN IN THE TOP OF CURB; AT  
 THE INTERSECTION OF LINCOLN AVE.  
 AND VAN BUREN BLVD.  
 ELEV.=858.202 (1971)

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY: S.S.  
 DRAWN BY: T.S.  
 DATE DRAWN: MARCH 2004

APPROVED BY: *Michael K...*  
**SDH & Associates, Inc**  
 Civil Engineering - Land Planning  
 5225 Canyon Crest Drive Bldg. 300 Suite 357  
 Riverside, California 92507  
 TEL: (951) 788-2344 FAX (909) 788-2314  
 ENGINEER, RCE 21884 DATE: 3/10/2004



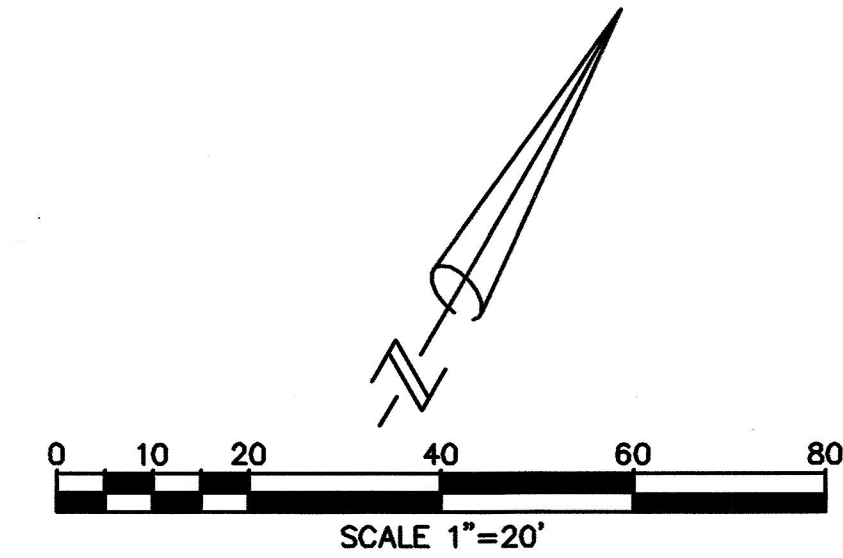
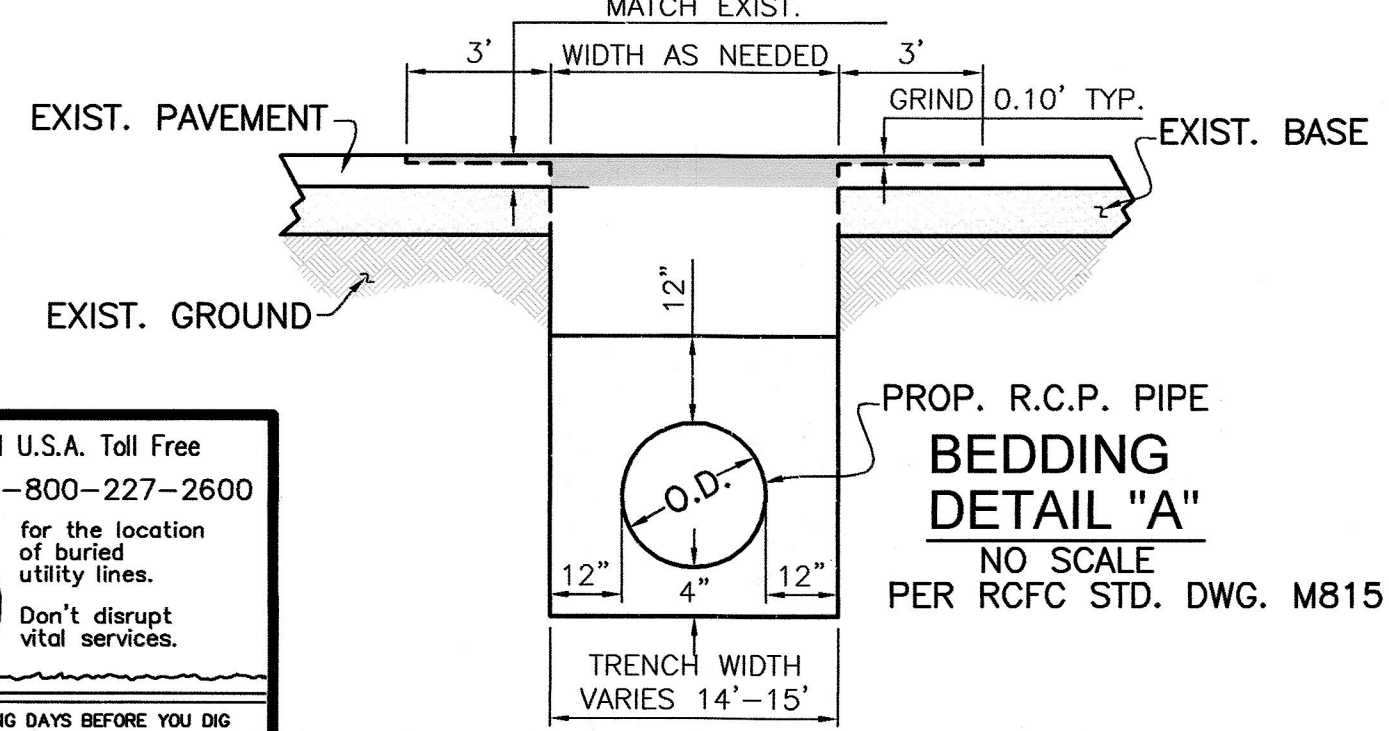
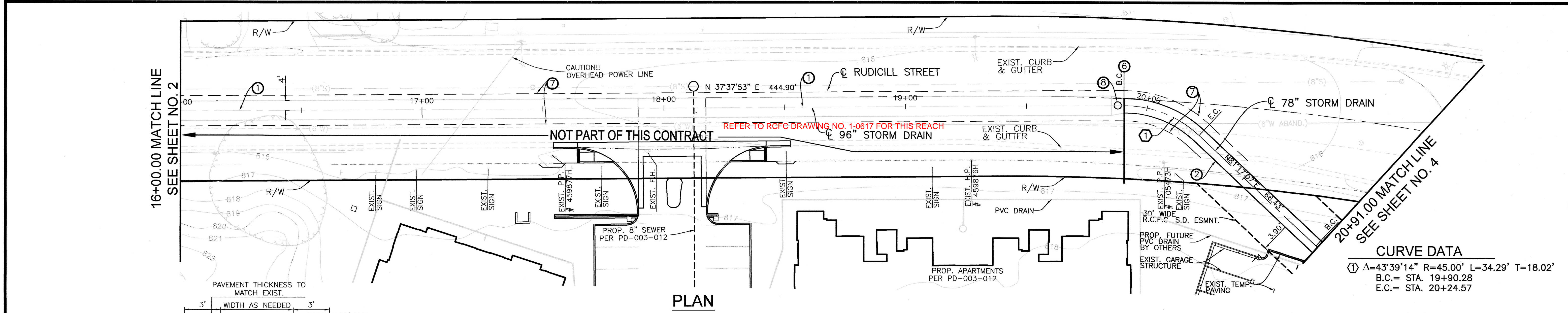
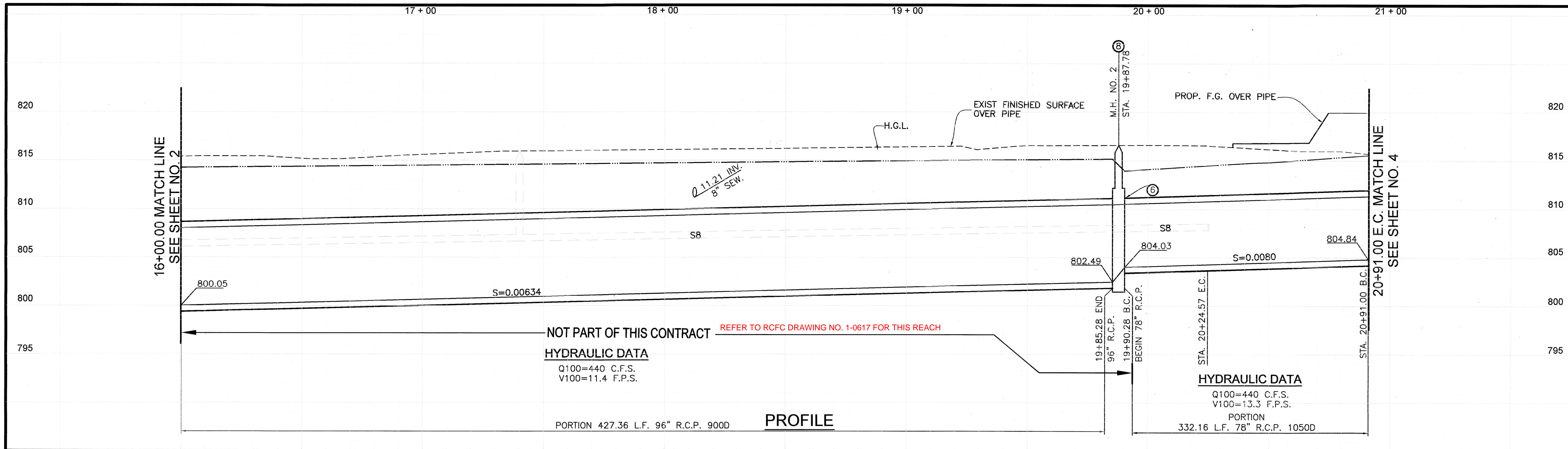
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
 RECOMMENDED FOR APPROVAL BY: *David ...* DATE: 4/21/04  
 APPROVED BY: *Shane ...* DATE: 4-26-2004

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *Thomas Boyd* DATE: 3/11/04  
 RECOMMENDED BY: *Michael K...* DATE: 3/11/04

**LINE "H"  
 STORM DRAIN  
 IMPROVEMENT PLANS**  
 STA. 10+81.31 TO STA. 16+00.00  
 STAGE 1

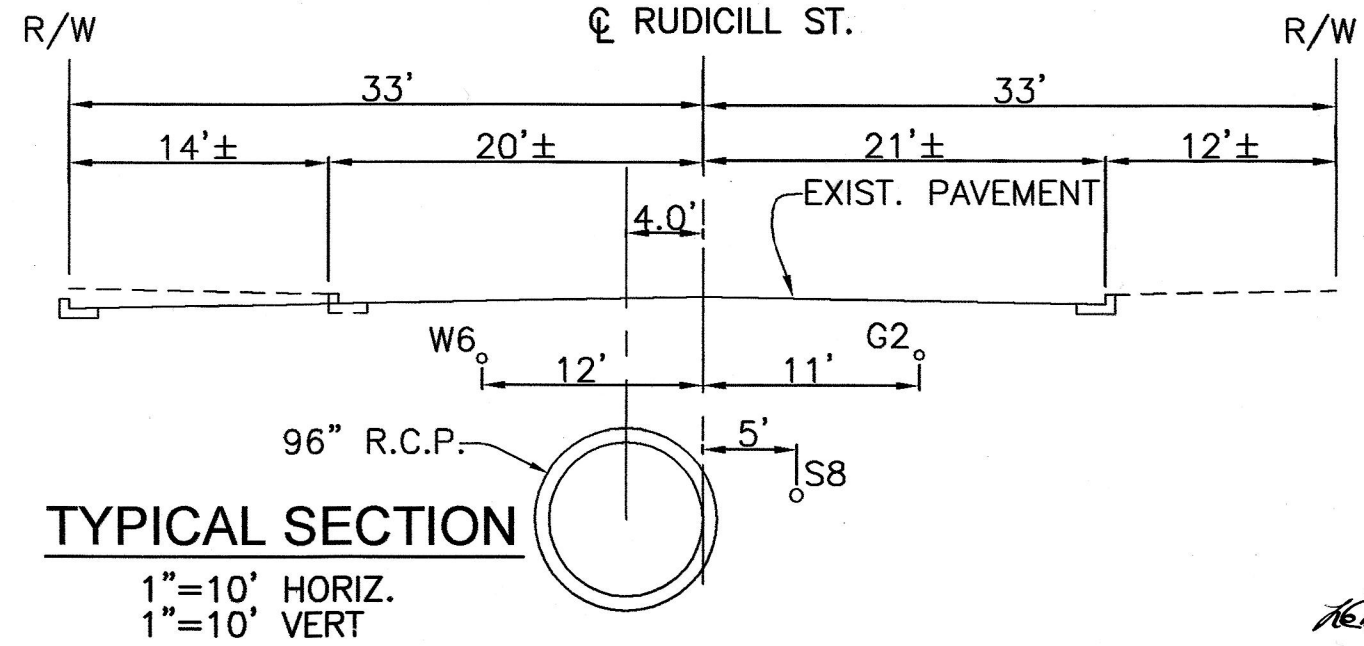
PROJECT NO.	1-0-0320
DRAWING NO.	1-624
SHEET NO.	2 OF 6





**AS BUILT**  
 APPROVED BY: *[Signature]*  
 DATE: 11/14/2005

- CONSTRUCTION NOTES**
- ① CONSTRUCT 96" R.C.P. D LOAD PER PLAN
  - ② CONSTRUCT 78" R.C.P. D LOAD PER PLAN
  - ③ CONSTRUCT CONCRETE BULKHEAD PER R.C.F.C. STANDARD DRAWING M816
  - ④ SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"
  - ⑤ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252



BENCH MARK  
 CITY OF RIVERSIDE BENCHMARK  
 #E4-J3 PK NAIL AND CITY  
 ENGINEER TAG SET IN THE MIDDLE  
 OF THE SOUTHWESTERLY CURB  
 RETURN IN THE TOP OF CURB; AT  
 THE INTERSECTION OF LINCOLN AVE.  
 AND VAN BUREN BLVD.  
 ELEV.=858.202 (1971)

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY:  
 S.S.  
 DRAWN BY:  
 T.S.  
 DATE DRAWN:  
 MARCH 2004

**SDH & Associates, Inc**  
 Civil Engineering - Land Planning  
 5225 Canyon Crest Drive Bldg. 300 Suite 357  
 Riverside, California 92507  
 TEL: (909) 788-2344 FAX: (909) 788-2314



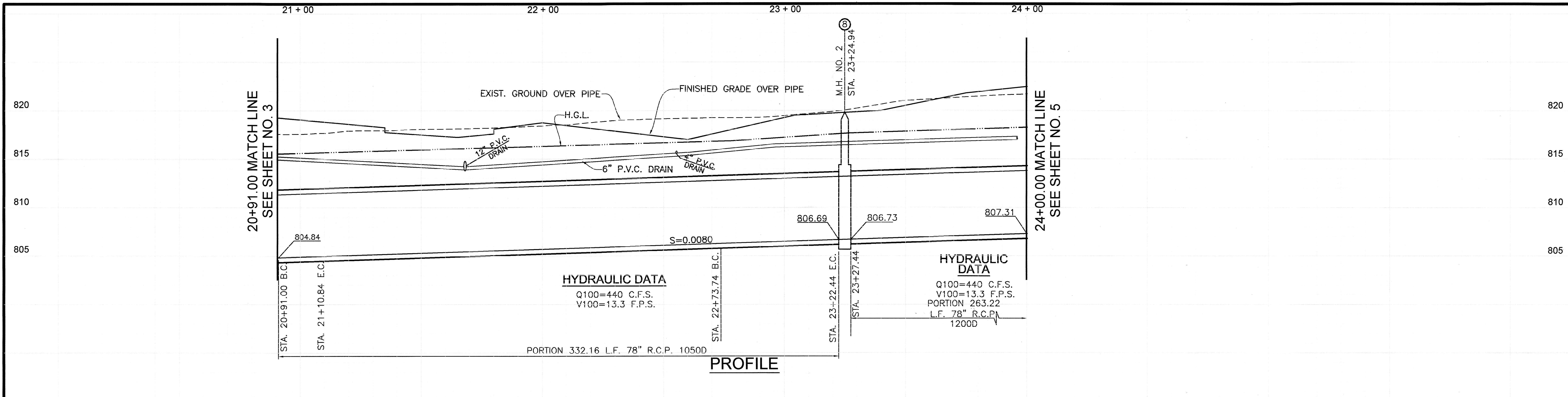
RIVERSIDE COUNTY FLOOD CONTROL  
 AND  
 WATER CONSERVATION DISTRICT  
 RECOMMENDED FOR APPROVAL BY: *[Signature]*  
 DATE: 4/26/04

CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT  
 APPROVED BY: *[Signature]*  
 DATE: 3/16/04

LINE "H"  
 STORM DRAIN  
 IMPROVEMENT PLANS  
 STA. 16+00.00 TO STA. 20+91.00  
 STAGE 1

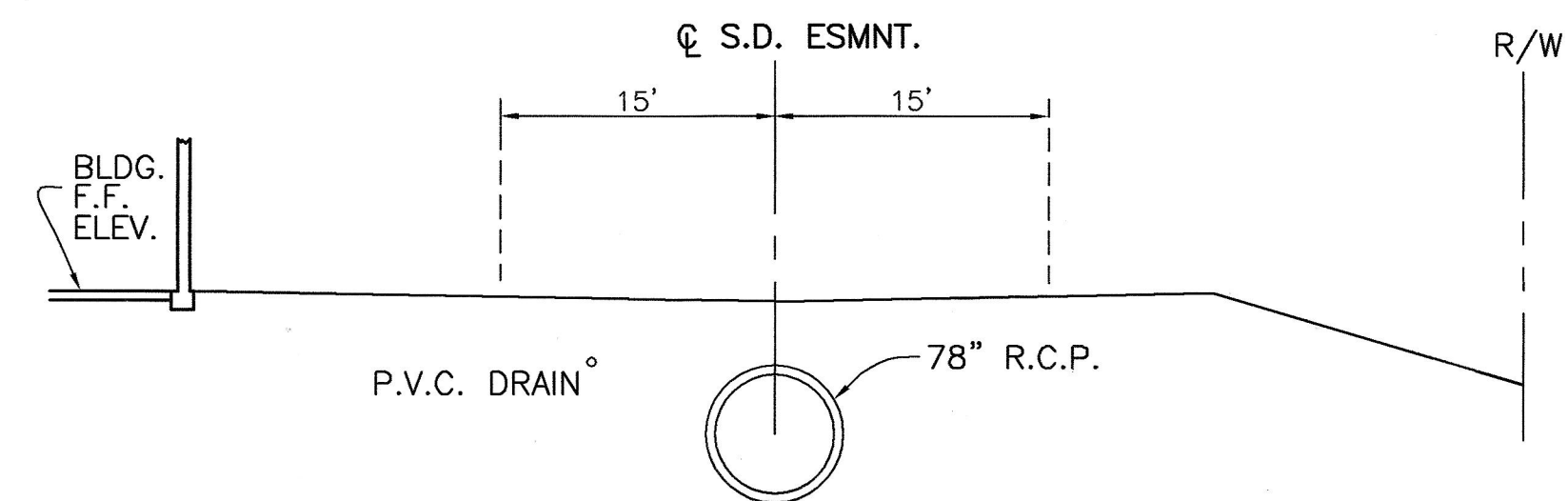
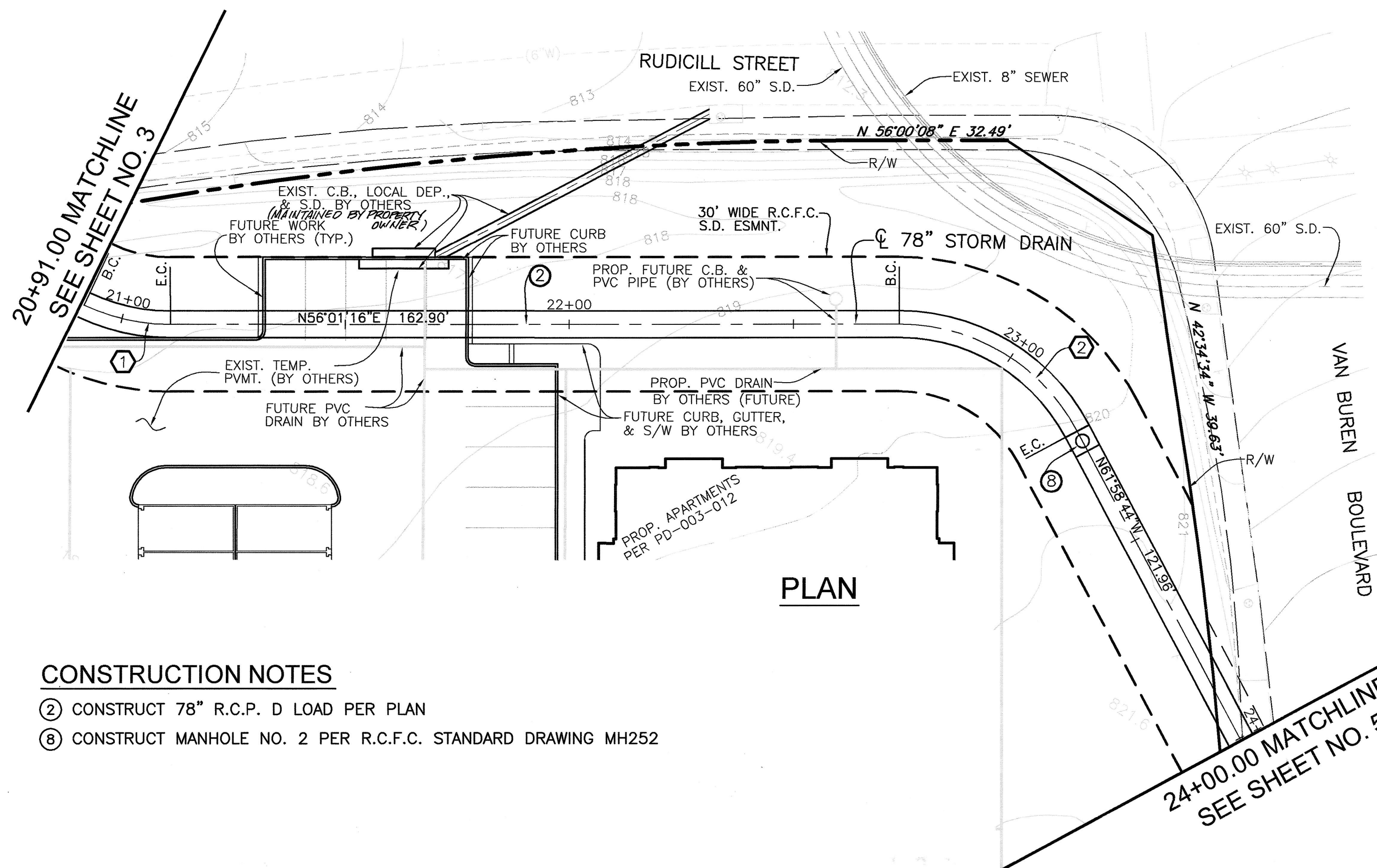
PROJECT NO.  
 1-0-0320  
 DRAWING NO.  
 1-624  
 SHEET NO.  
 3 OF 6





**CURVE DATA**

- ①  $\Delta=25^{\circ}15'51''$  R=45.00' L=19.84' T=10.09'  
 B.C.= STA. 20+91.00  
 E.C.= STA. 21+10.84
- ②  $\Delta=62^{\circ}00'01''$  R=45.00' L=48.69' T=27.04'  
 B.C.= STA. 22+73.74  
 E.C.= STA. 23+22.44



TYPICAL SECTION AT STA. 22+50

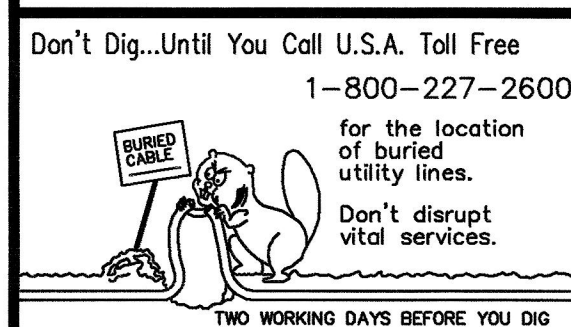
HORIZ. 1"=10'  
 VERT 1"=10'

**AS BUILT**

APPROVED BY: *Tom Etkin*  
 DATE: 11/16/2005

**CONSTRUCTION NOTES**

- ② CONSTRUCT 78" R.C.P. D LOAD PER PLAN
- ③ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252



BENCH MARK  
 CITY OF RIVERSIDE BENCHMARK  
 #E4-J3 PK NAIL AND CITY  
 ENGINEER TAG SET IN THE MIDDLE  
 OF THE SOUTHWESTERLY CURB  
 RETURN IN THE TOP OF CURB; AT  
 THE INTERSECTION OF LINCOLN AVE.  
 AND VAN BUREN BLVD.  
 ELEV.=858.202 (1971)

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY: S.S.  
 DRAWN BY: T.S.  
 DATE DRAWN: MARCH 2004

**SDH & Associates, Inc**  
 Civil Engineering - Land Planning  
 5225 Canyon Crest Drive Bldg. 300 Suite 357  
 Riverside, California 92507  
 TEL: (909) 788-2344 FAX (909) 788-2314

*Tom Etkin* 3/10/2004  
 ENGINEER, RCE 21884 DATE



RIVERSIDE COUNTY FLOOD CONTROL  
 AND  
 WATER CONSERVATION DISTRICT

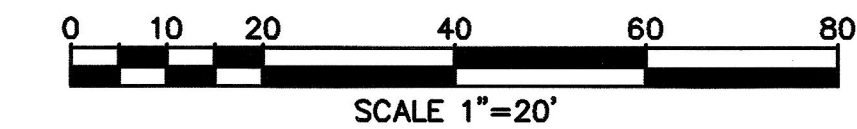
RECOMMENDED FOR APPROVAL BY: *David H. ...* DATE: 4/26/04  
 APPROVED BY: *Shant ETKIN* DATE: 4-26-2004

CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT

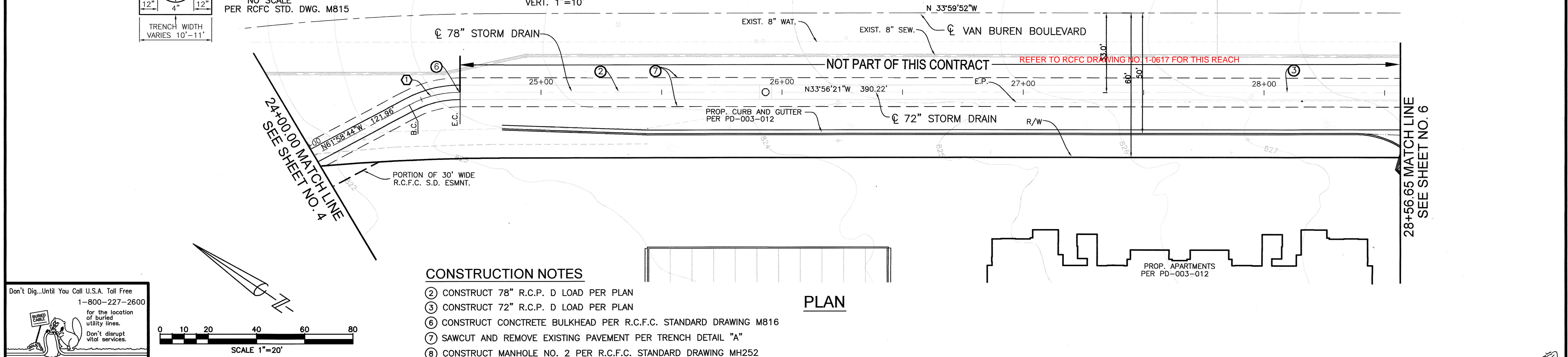
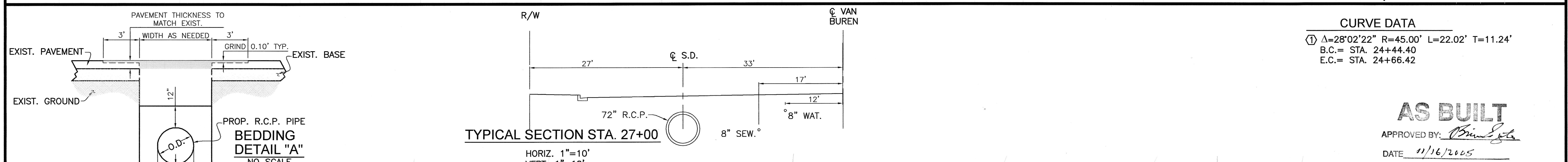
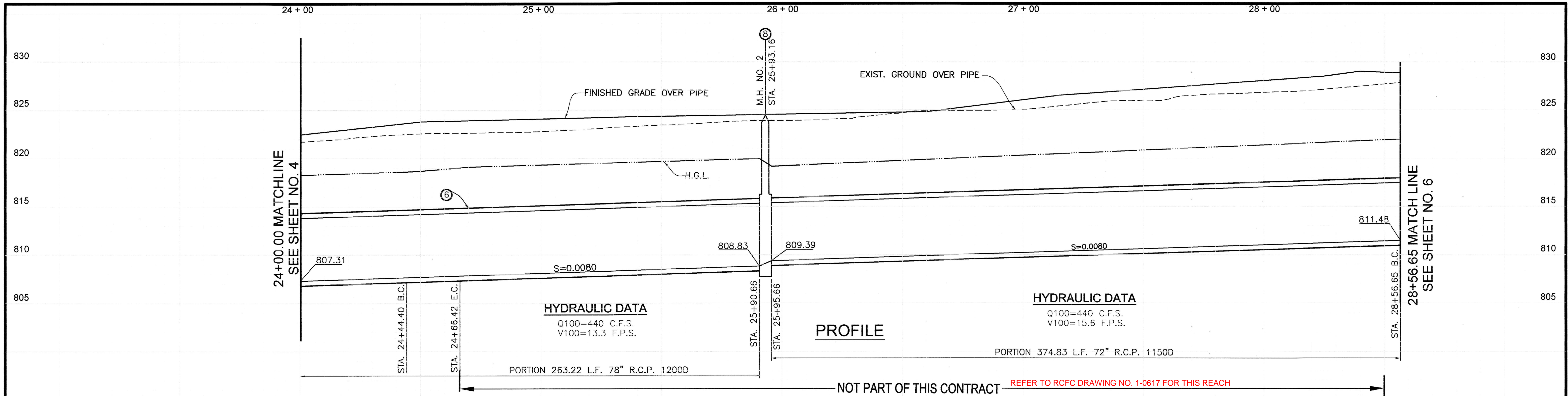
APPROVED BY: *Tom Boyd* DATE: 3/1/04  
 RECOMMENDED: *Michael ...* DATE: 3/1/04

LINE "H"  
 STORM DRAIN  
 IMPROVEMENT PLANS  
 STA. 20+91.00 TO STA. 24+00.00  
 STAGE 1

PROJECT NO. 1-0-0320  
 DRAWING NO. 1-624  
 SHEET NO. 4 OF 6







**CONSTRUCTION NOTES**

- CONSTRUCT 78" R.C.P. D LOAD PER PLAN
- CONSTRUCT 72" R.C.P. D LOAD PER PLAN
- CONSTRUCT CONCRETE BULKHEAD PER R.C.F.C. STANDARD DRAWING M816
- SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"
- CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252

**PLAN**

**CONSTRUCTION NOTES**

② CONSTRUCT 78" R.C.P. D LOAD PER PLAN

③ CONSTRUCT 72" R.C.P. D LOAD PER PLAN

⑥ CONSTRUCT CONCRETE BULKHEAD PER R.C.F.C. STANDARD DRAWING M816

⑦ SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"

⑧ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252

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TEL (909) 788-2344 FAX (909) 788-2314

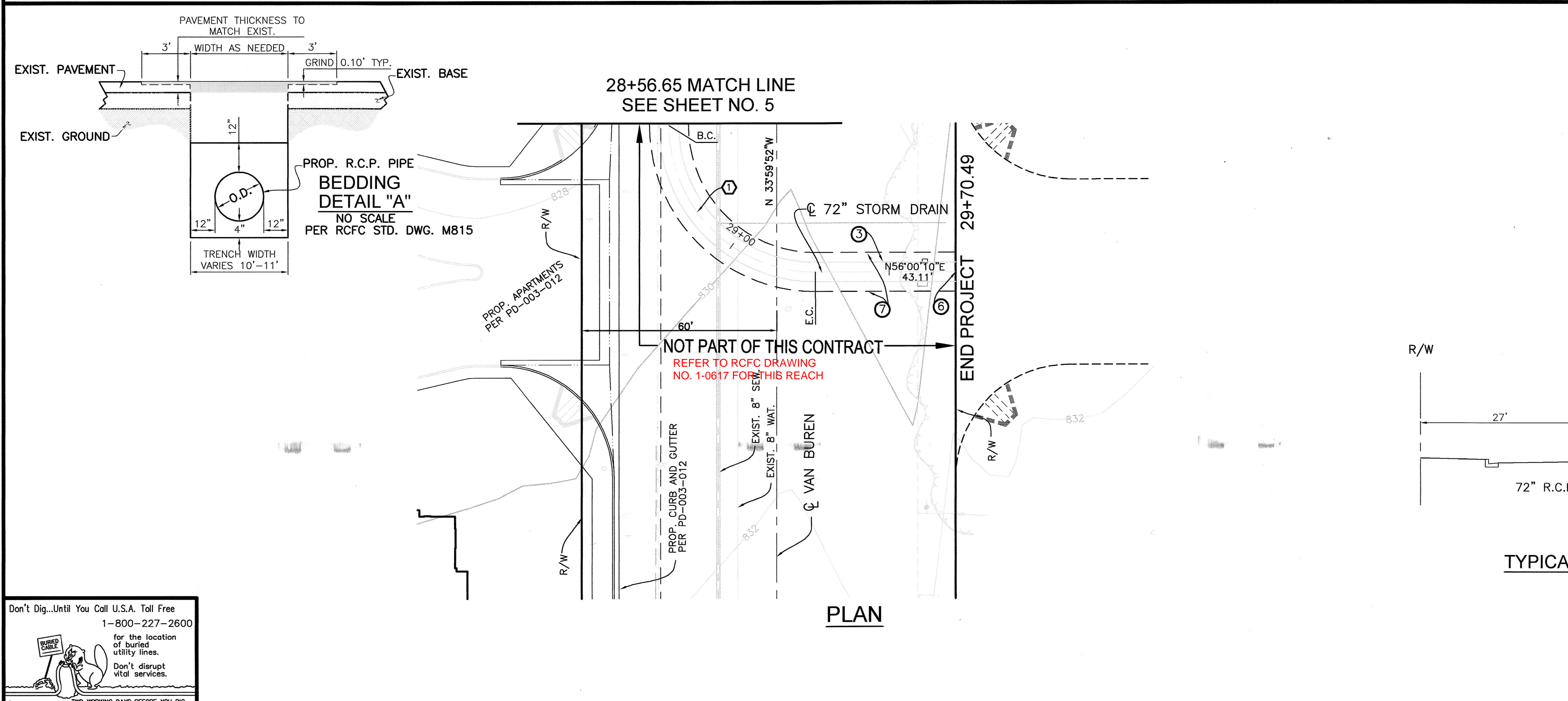
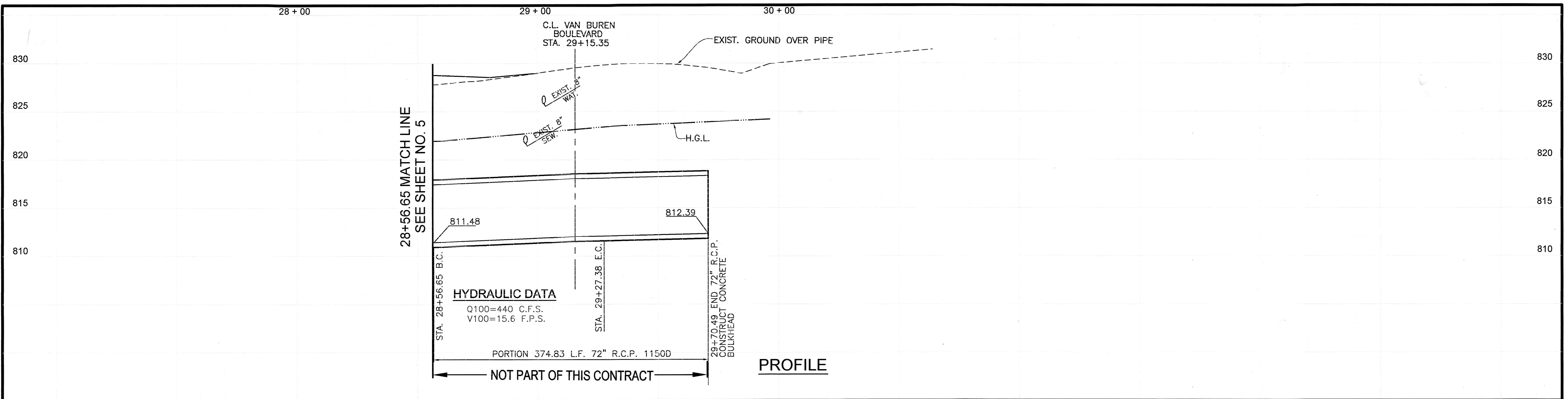
**RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

**LINE "H" STORM DRAIN IMPROVEMENT PLANS**  
STA. 24+00.00 TO STA. 28+56.65  
STAGE 1

PROJECT NO. 1-0-0320  
DRAWING NO. 1-624  
SHEET NO. 5 OF 6



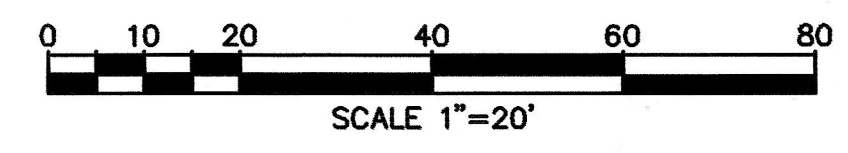
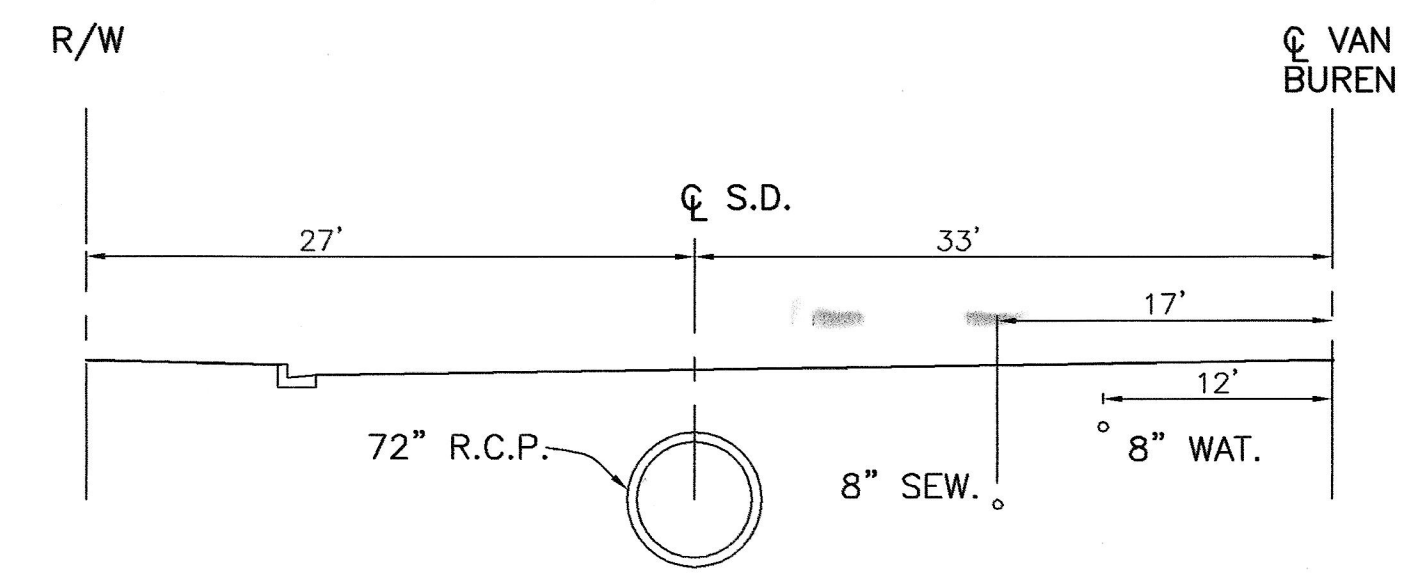


- CONSTRUCTION NOTES**
- ③ CONSTRUCT 72" R.C.P. D LOAD PER PLAN
  - ⑥ CONSTRUCT CONCRETE BULKHEAD PER R.C.F.C. STANDARD DRAWING M816
  - ⑦ SAWCUT AND REMOVE EXISTING PAVEMENT PER TRENCH DETAIL "A"
  - ⑧ CONSTRUCT MANHOLE NO. 2 PER R.C.F.C. STANDARD DRAWING MH252

**CURVE DATA**

①  $\Delta=90^{\circ}03'28''$   $R=45.00'$   $L=70.73'$   $T=45.05'$   
 B.C.= STA. 28+56.65  
 E.C.= STA. 29+27.38

**AS BUILT**  
 APPROVED BY: *[Signature]*  
 DATE: 4/16/2005



Don't Dig...Until You Call U.S.A. Toll Free  
 1-800-227-2600  
 for the location of buried utility lines.  
 Don't disrupt vital services.  
 TWO WORKING DAYS BEFORE YOU DIG

**BENCH MARK**  
 CITY OF RIVERSIDE BENCHMARK  
 #4-J3 PK NAIL AND CITY  
 ENGINEER TAG SET IN THE MIDDLE  
 OF THE SOUTHWESTERLY CURB  
 RETURN IN THE TOP OF CURB; AT  
 THE INTERSECTION OF LINCOLN AVE.  
 AND VAN BUREN BLVD.  
 ELEV.=858.202 (1971)

REF.	DESCRIPTION	APPR.	DATE	APPR.	DATE

DESIGNED BY:  
 S.S.  
 DRAWN BY:  
 T.S.  
 DATE DRAWN:  
 MARCH 2004

**SDH & Associates, Inc**  
 Civil Engineering - Land Planning  
 5225 Canyon Crest Drive Bldg. 300 Suite 357  
 Riverside, California 92507  
 TEL: (909) 788-2344 FAX: (909) 788-2314

*[Signature]* 3/10/2004  
 ENGINEER, RCE 21884

RIVERSIDE COUNTY FLOOD CONTROL  
 AND  
 WATER CONSERVATION DISTRICT

RECOMMENDED FOR APPROVAL BY: *[Signature]*  
 DATE: 4/26/04

APPROVED BY: *[Signature]*  
 DATE: 4-26-2004

CITY OF RIVERSIDE  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]*  
 DATE: 3/10/04

RECOMMENDED: *[Signature]*  
 DATE: 3/10/04

**LINE "H"**  
**STORM DRAIN**  
**IMPROVEMENT PLANS**  
 STA. 28+56.65 TO STA. 29+70.49  
 STAGE 1

PROJECT NO.  
 1-0-0320

DRAWING NO.  
 1-624

SHEET NO.  
 6 OF 6