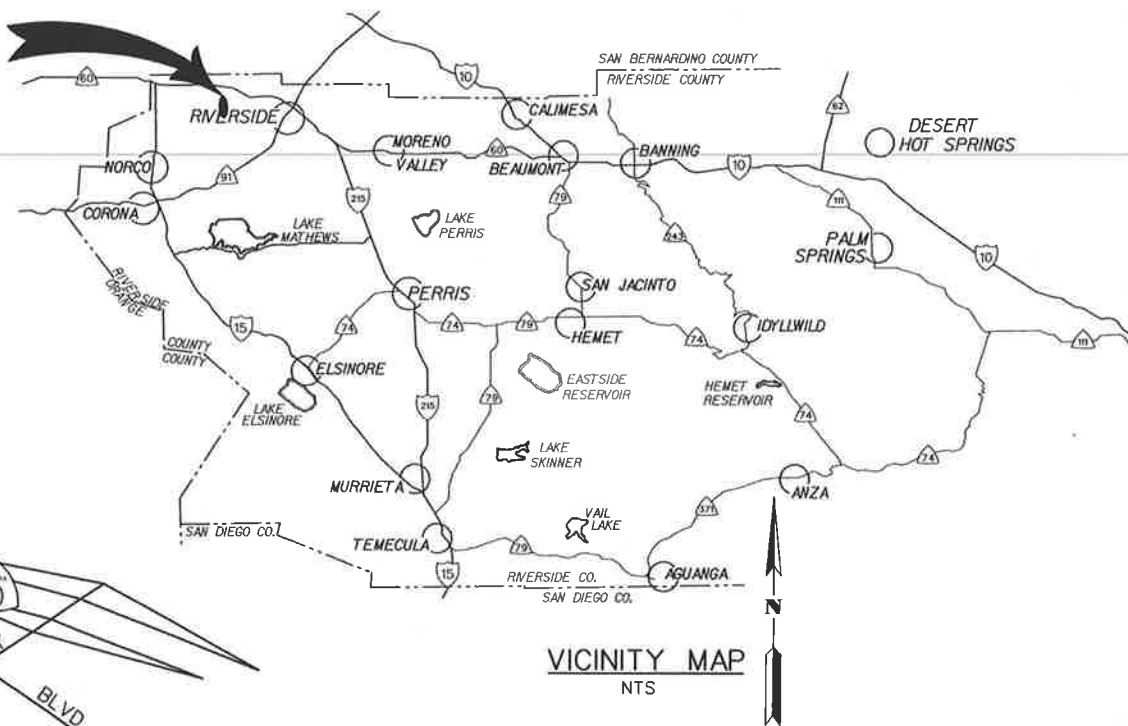


RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

INDEX

PROJECT LOCATION



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- MISCELLANEOUS DETAILS
- STREET IMPROVEMENT PLAN
- TRAFFIC CONTROL PLAN

R.C.F.C. & W.C.D. STANDARD DRAWINGS

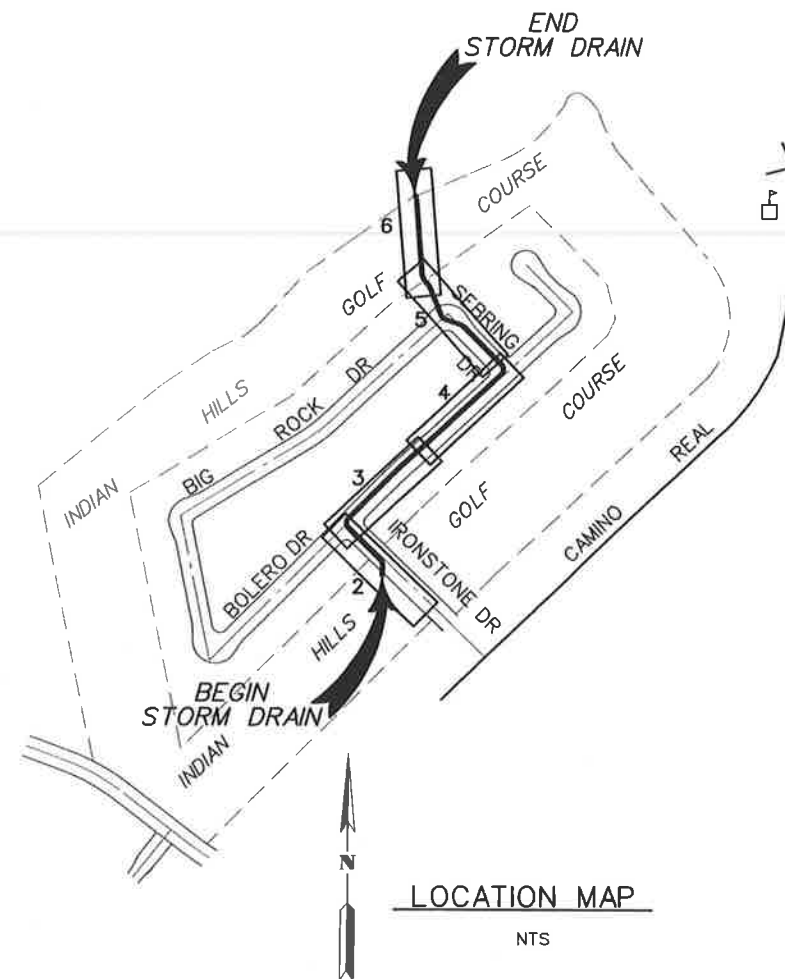
- CB110 CONCRETE DROP INLET
- JS227 JUNCTION STRUCTURE NO. 2
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- MH251 MANHOLE NO. 1
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- 608 MANHOLE FRAMES AND COVERS

CALTRANS STANDARD DRAWINGS

- B11-47 3' CABLE RAILING
- D90 PIPE WINGWALLS, CULVERT HEADWALLS AND ENDWALLS



GENERAL NOTES

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13. FOR COMPLETE RIGHT-OF-WAY AND TEMPORARY EASEMENT REFER TO DRAWING NO. 1-678, SHT 1 TO 4.



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVED BY:
Patricia Remo
DEPUTY DIRECTOR OF TRANSPORTATION
DATE: 9/21/10

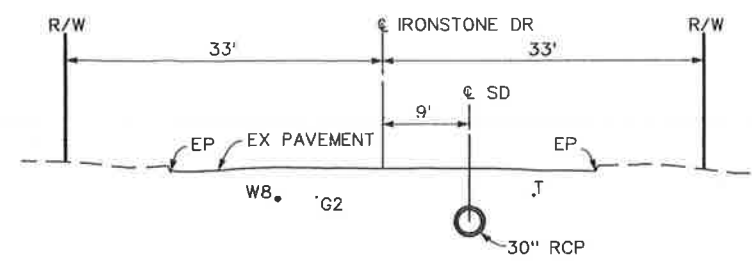
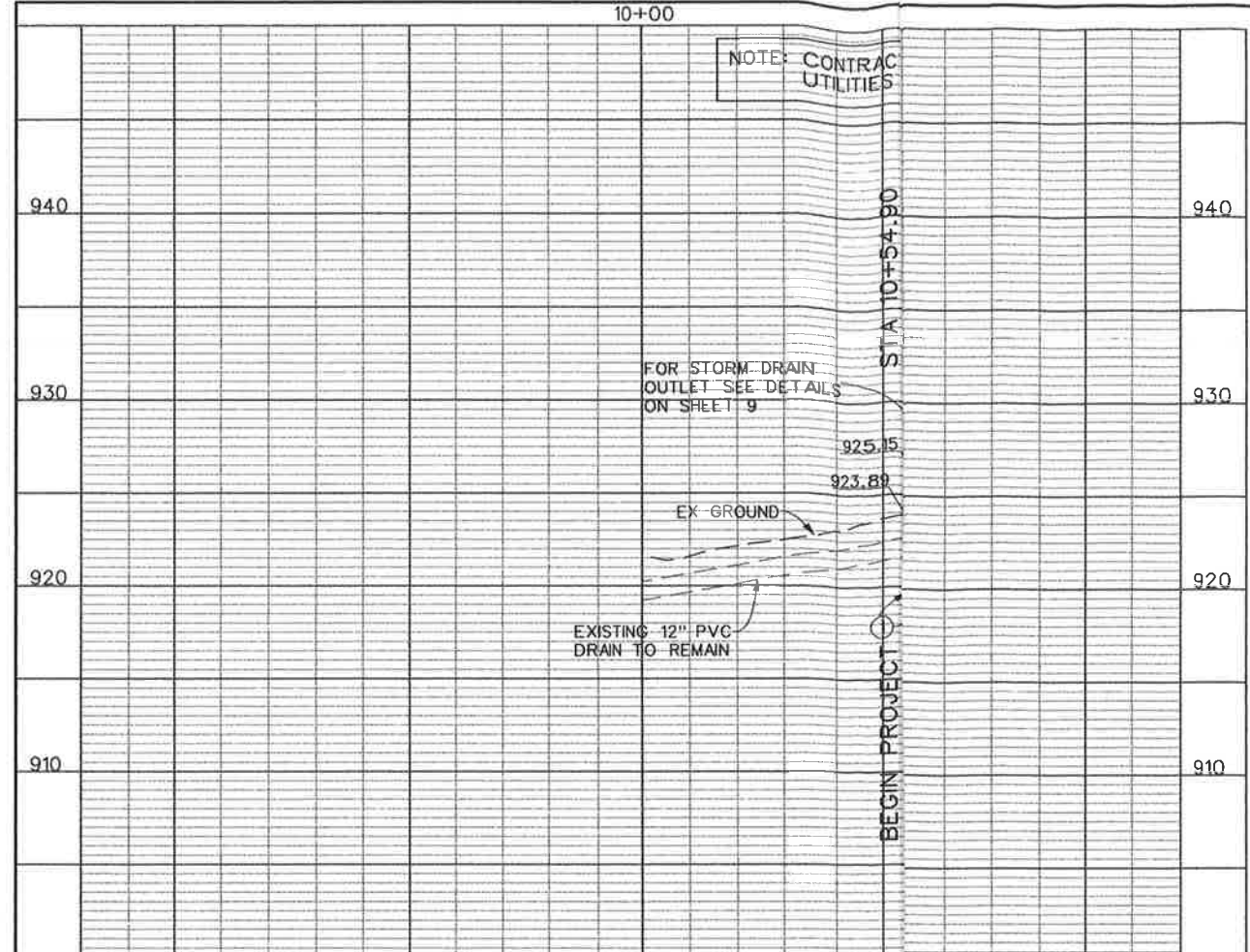
Don't Dig...Until You Call U.S.A. Toll Free
1-800-227-2600
for the location of buried utility lines.
Don't disrupt vital services.
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK
Z-11592
FD 1" IP W/LS5890 PLUG
DN 0.17' AT INTERSECTION OF
BOLERO DRIVE & IRONSTONE
DRIVE.
934.028 EL.

REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010
RECOMMENDED FOR APPROVAL BY: *[Signature]*
DATE: 9/24/10 R.E. No. 44684
APPROVED BY: *[Signature]*
DATE: 9/29/10 R.E. No. 32336

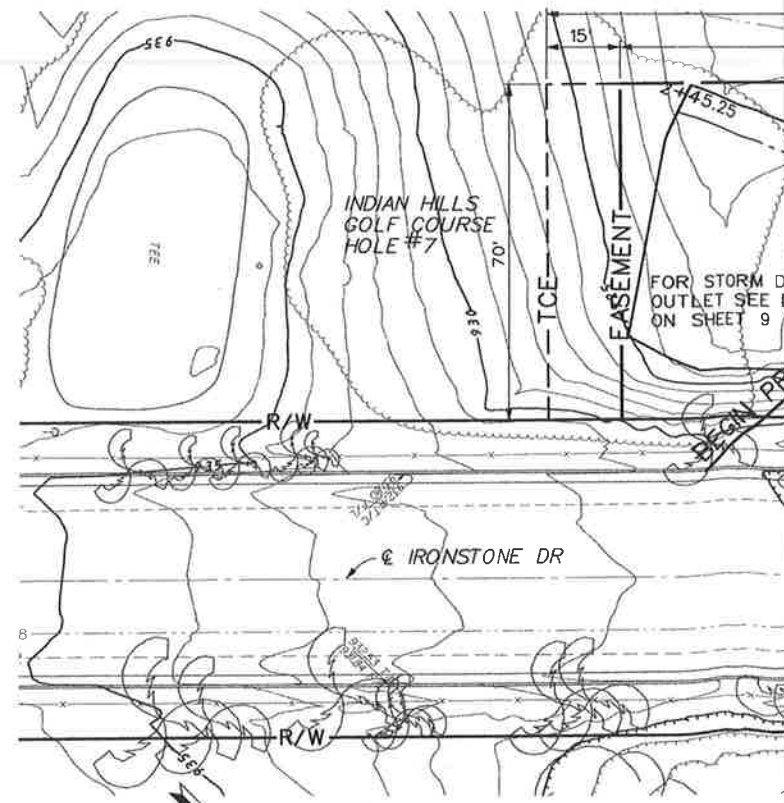
PEDLEY HILLS BOLERO DR
STORM DRAIN
STAGE 1
TITLE SHEET



SECTION AT STATION 11+50
 10' 0 10'

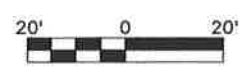
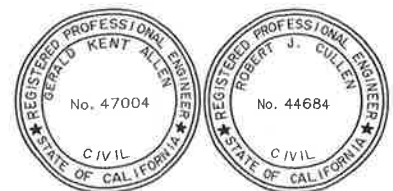
NOTES

- ① PLACE 36" THICK ROCK SLOPE PROTECTION 1/4 TON CLASS OVER 9" FILTER BLANKET AND MIRAFI 1100N FILTER FABRIC. BERM TOP WIDTH SHALL BE MINIMUM 2'.
- ② REMOVE, SALVAGE AND REINSTALL INTERFERING PORTION OF EXISTING 2 RAIL FENCE AND SIGN.
- ③ CONSTRUCT PIPE CULVERT HEADWALL AND WING WALLS PER CALTRANS STD D90 AND DETAILS ON SHEET 9.
- ④ MAINTAIN EXISTING FLOW LINE FROM CULVERT TO 12" DRAIN.
- ⑤ PROTECT IN PLACE EXISTING DRIVEWAY, ACCESS RAMP TO MATCH EXISTING DRIVEWAY.
- ⑥ REMOVE INTERFERING PALM TREE.
- ⑦ REMOVE INTERFERING PORTION OF 18" CMP AND REPLACE WITH 8"-18" RCP CLASS IV. CONSTRUCT CONCRETE COLLAR PER STD M803.
- ⑧ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT PER DETAIL ON SHEET 10.
- ⑨ HYDROSEED ALL DISTURBED AREAS WITHIN THE GOLF COURSE.
- ⑩ CONSTRUCT JS NO. 3 PER JS228. A=46.16°, D=18", STA 10+71.45, OFFSET 5.17', ELEV S=922.93.
- ⑪ PROTECT EXISTING 12" PVC OR REPLACE IN KIND AS NEEDED.
- ⑫ REMOVE EXISTING ROCK AND INLET.
- ⑬ INSTALL 3' CABLE RAILING PER CALTRANS STD B11-47.
- ⑭ PROTECT IN PLACE EXISTING GOLF COURSE IRRIGATION SYSTEM OR REPLACE IN KIND AS NEEDED.
- ⑮ REMOVE AND REPLACE INTERFERING PORTION OF CURB AND GUTTER PER COUNTY OF RIVERSIDE STD 201.



30" RCP CURVE DATA

= 47° 48' 35"
= 22.50'
= 18.78'
= 9.97'
= STA 11+04.70
= STA 11+23.47
= N 2306405.37
= E 6197085.15

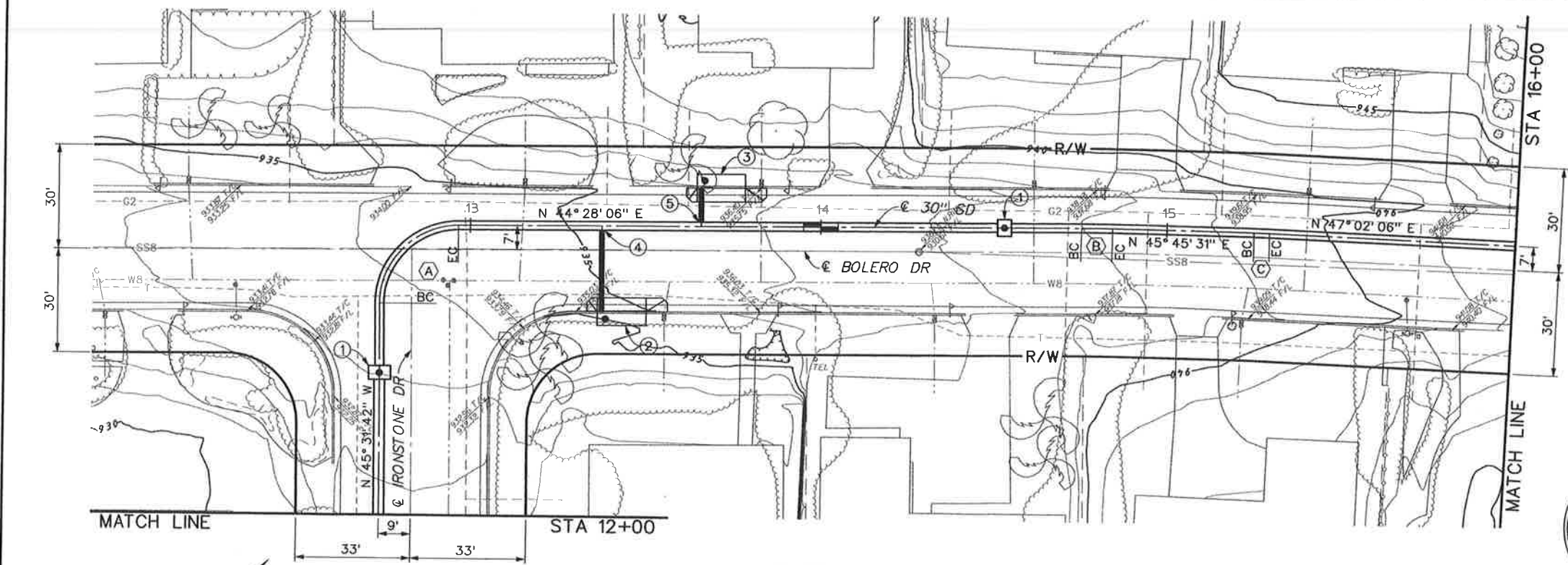
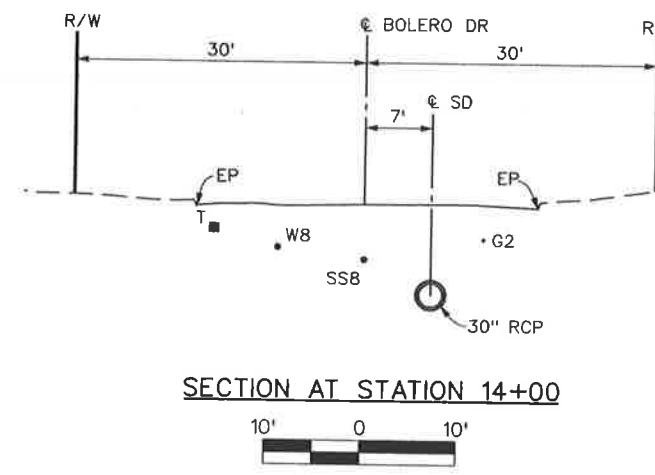
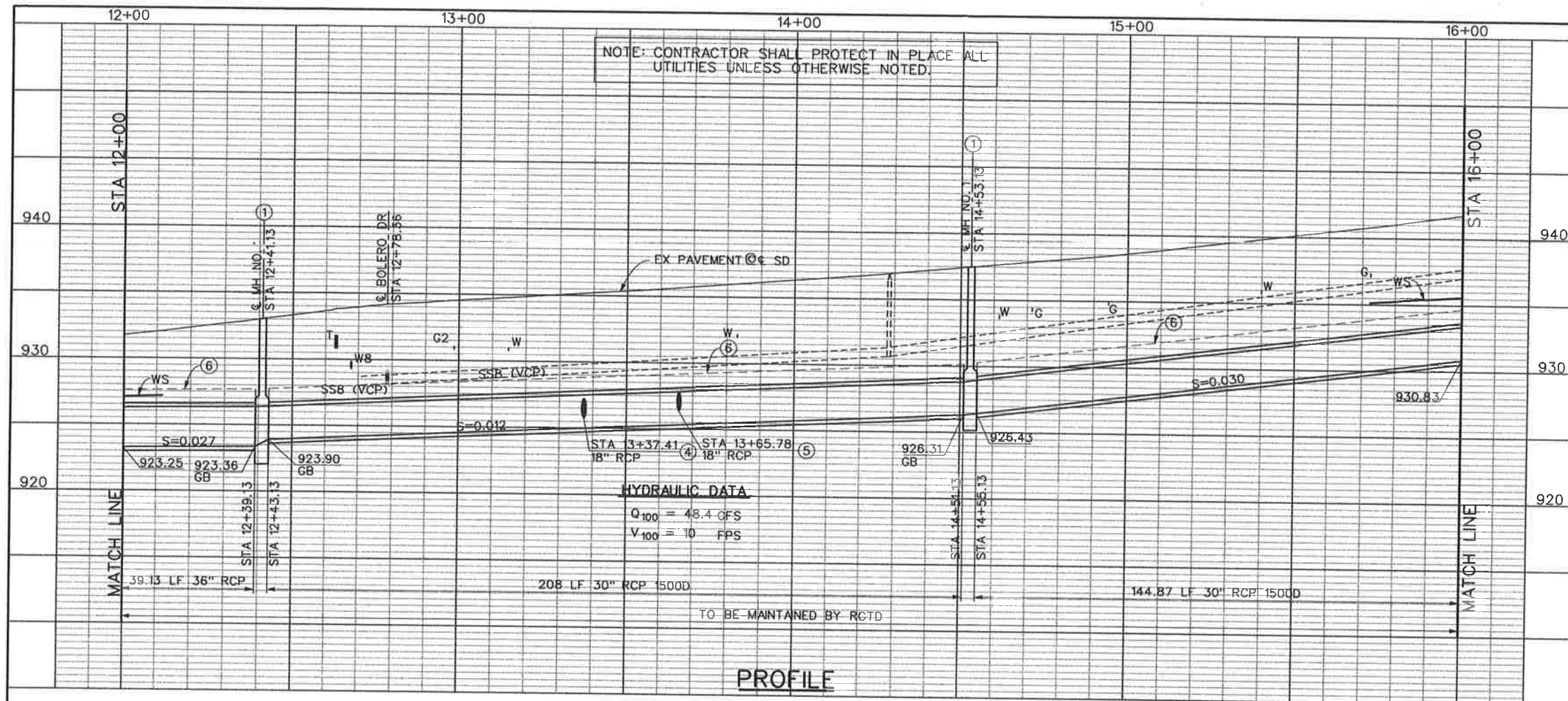


COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT
 APPROVED BY:
Debra Kent Allen
 DEPUTY DIRECTOR OF TRANSPORTATION
 DATE: 9/21/10

RIVERSIDE COUNTY FLOOD CONTROL
 AND
 WATER CONSERVATION DISTRICT
 RECOMMENDED FOR APPROVAL BY:
David H. Ecker
 DATE: 9/11/10
 APPROVED BY:
Robert J. Cullen
 DATE: 1-Sept-2010

**PEDLEY HILLS BOLERO DR
 STORM DRAIN**
 STAGE 1
 PLAN & PROFILE
 BEGIN PROJECT TO STA 12+00

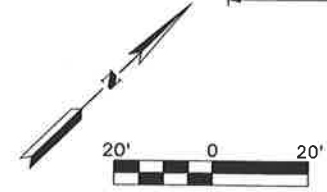
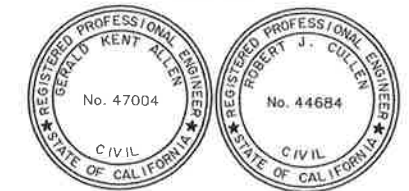
PROJECT NO.
 1-0-0138
 DRAWING NO.
 1-666
 SHEET NO.
 2 OF 14



- A** ϕ 30" RCP CURVE DATA
- $\Delta = 89^\circ 59' 48''$
 - $R = 22.50'$
 - $L = 35.34'$
 - $T = 22.50'$
 - BC = STA 12+61.26
 - EC = STA 12+96.61
 - PI = N 2306524.65
E 6196963.65
- B** ϕ 30" RCP CURVE DATA
- $\Delta = 1^\circ 17' 25''$
 - $R = 400.00'$
 - $L = 9.00'$
 - $T = 4.50'$
 - BC = STA 14+75.39
 - EC = STA 14+84.40
 - PI = N 2306671.51
E 6197107.81
- C** ϕ 30" RCP CURVE DATA
- $\Delta = 1^\circ 16' 35''$
 - $R = 400.00'$
 - $L = 8.91'$
 - $T = 4.46'$
 - BC = STA 15+20.30
 - EC = STA 15+29.22
 - PI = N 2306702.81
E 6197139.95

NOTES

- 1 CONSTRUCT MH NO. 1 PER STD MHA COUNTY STD NO. 300. H=5', W=14', RCP CL IV. SEE PROFILE ON SHEET
- 2 CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=14', RCP CL IV. SEE PROFILE ON SHEET
- 3 CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=14', RCP CL IV. SEE PROFILE ON SHEET
- 4 CONSTRUCT JS NO. 2 PER STD JS2 A=90°, B=18", C=3', D=30", E=18", F=18", G=1.16", L=24", EL R=925.77, EL S=925.77
- 5 CONSTRUCT JS NO. 2 PER STD JS2 A=90°, B=18", C=3', D=30", E=18", F=18", G=1.16", L=24", EL R=927.30, EL S=927.30
- 6 CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASUREMENT PER DETAIL ON SHEET 10.



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

APPROVED BY:
Patricia Poma
DEPUTY DIRECTOR OF TRANSPORTATION
DATE: 9/21/10

Don't Dig...Until You Call U.S.A. Toll Free
1-800-227-2800

for the location of buried utility lines.
Don't disrupt vital services.

TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	DESCRIPTION	APPR.	DATE

DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

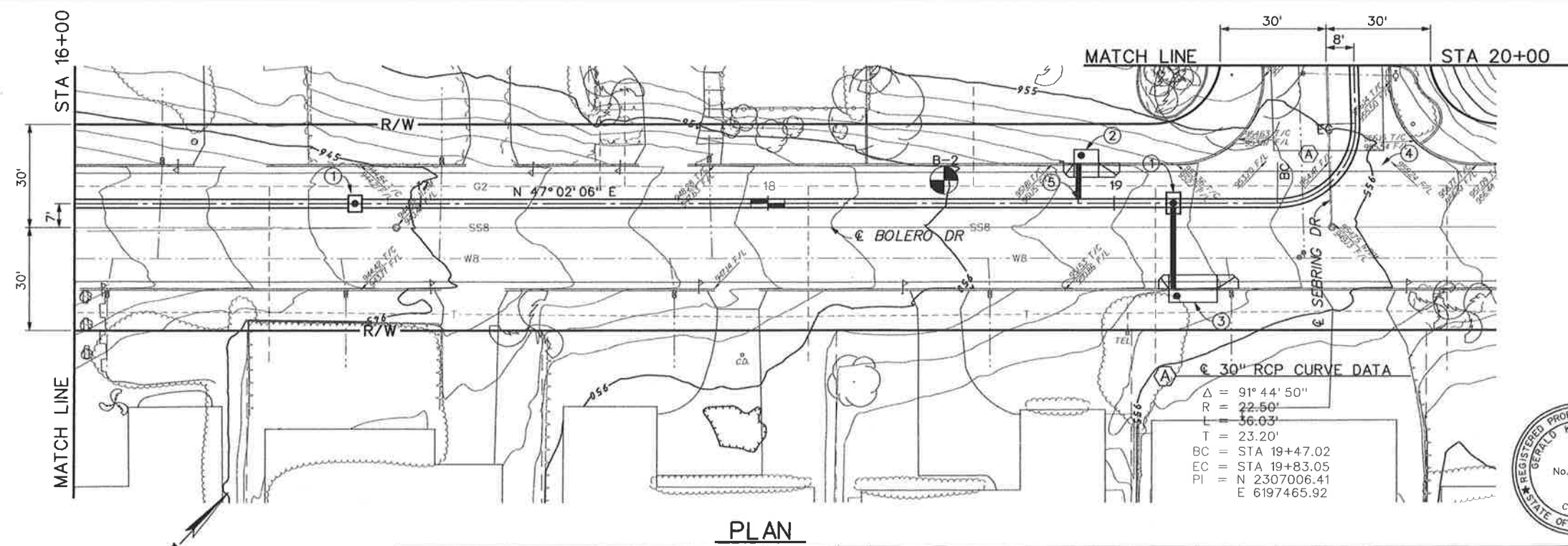
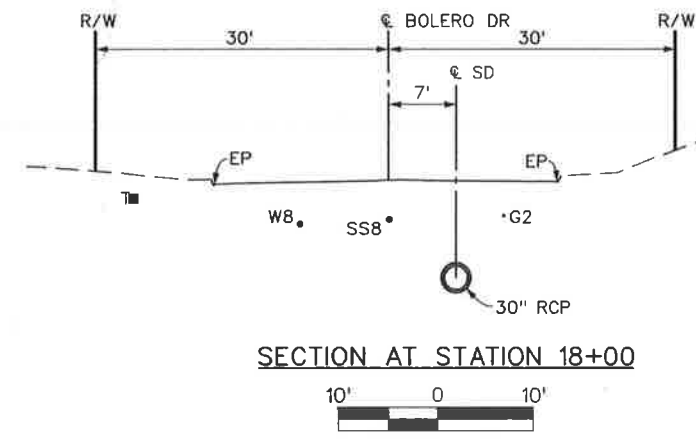
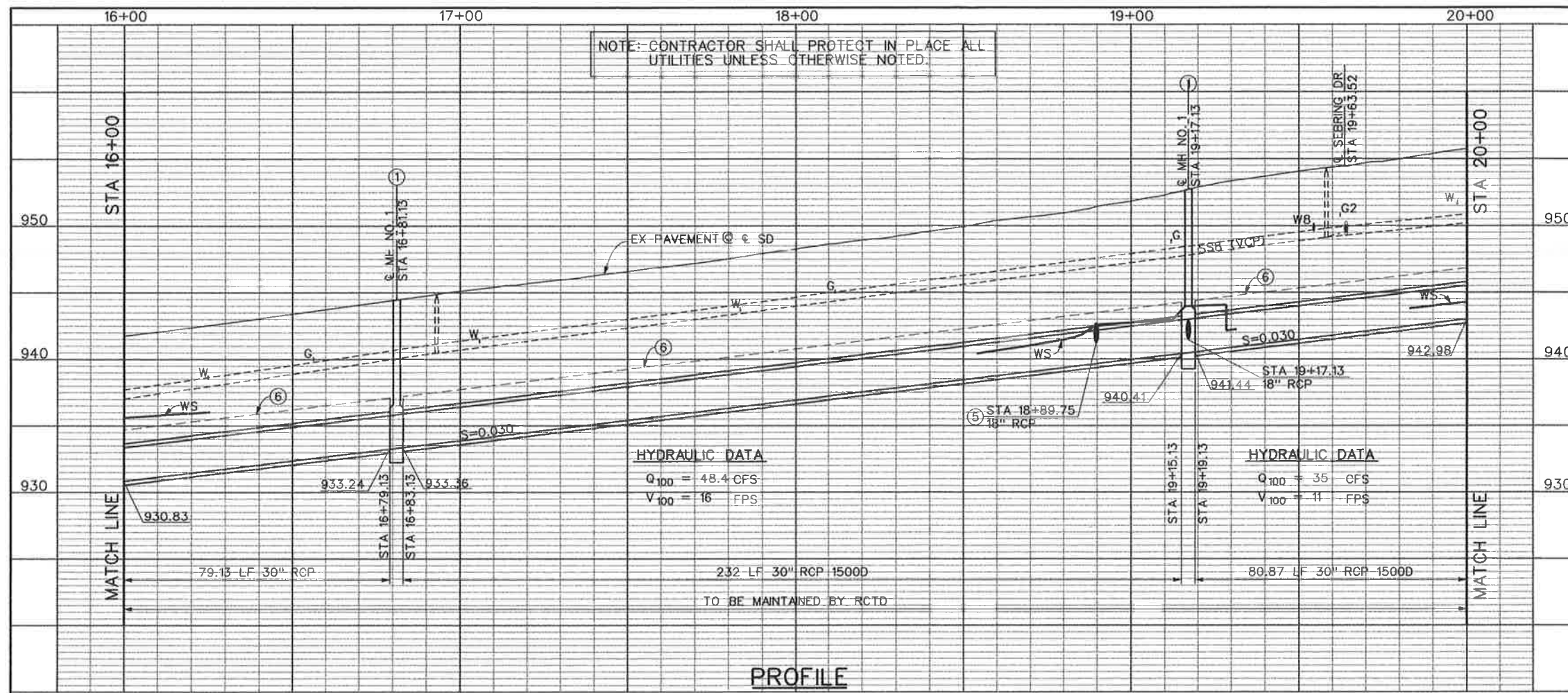
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DATE: 9/11/10

APPROVED BY: *[Signature]*
DATE: 1-Sept-2010

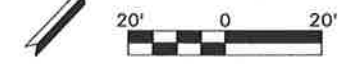
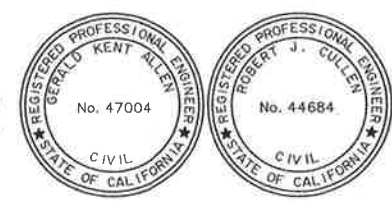
PEDLEY HILLS BOLERO DR STORM DRAIN

STAGE 1
PLAN & PROFILE
STA 12+00 TO STA 16+00

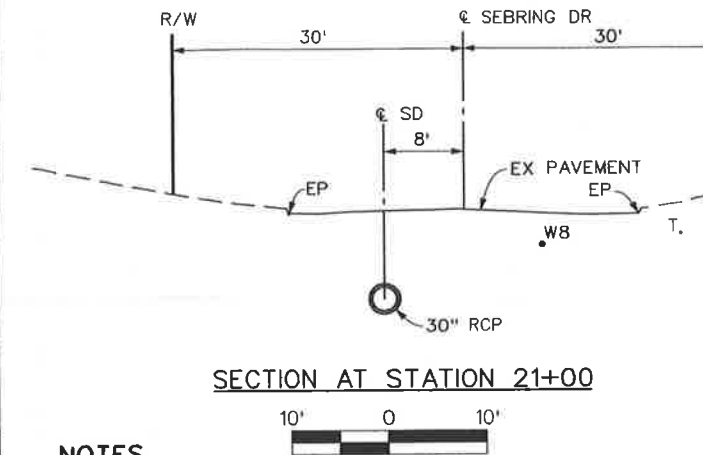
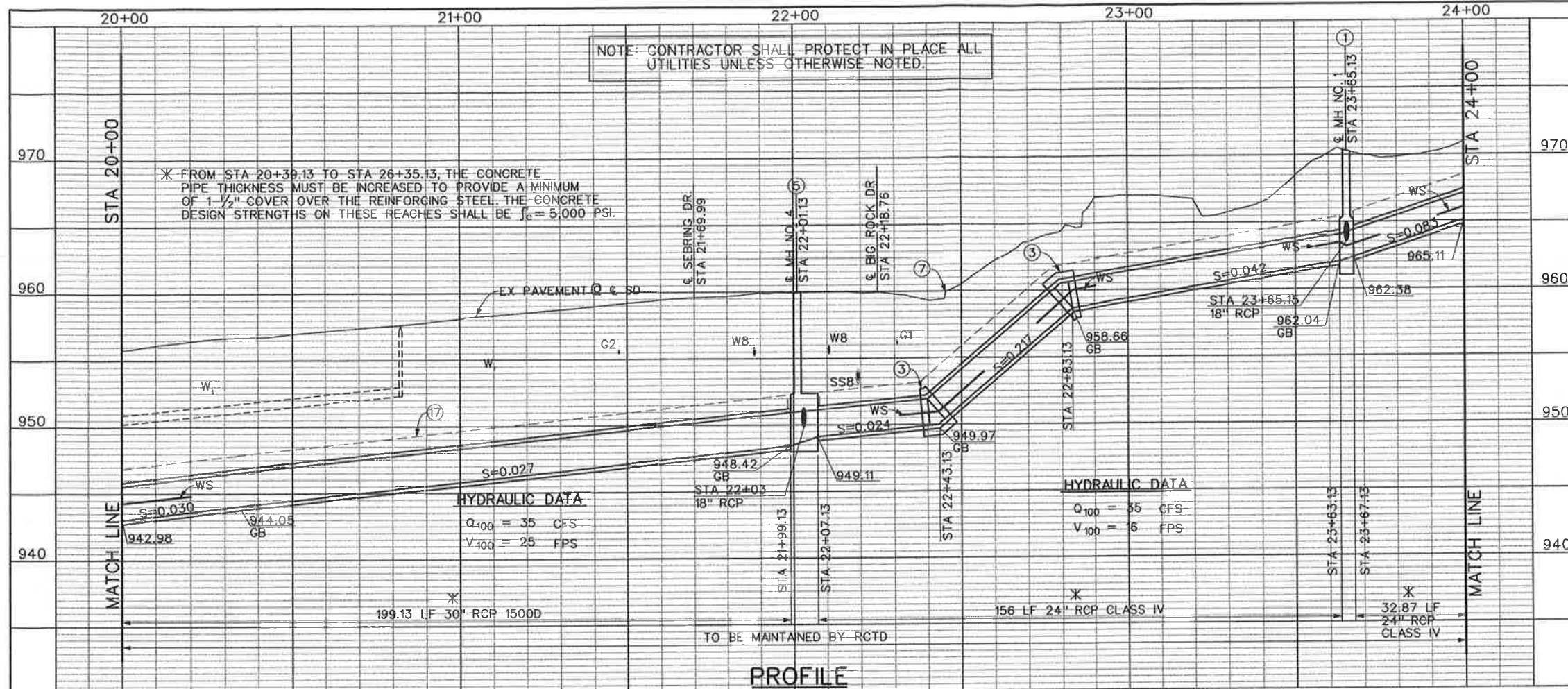
PROJECT NO. 1-10-10
DRAWING NO. 1
SHEET NO. 3



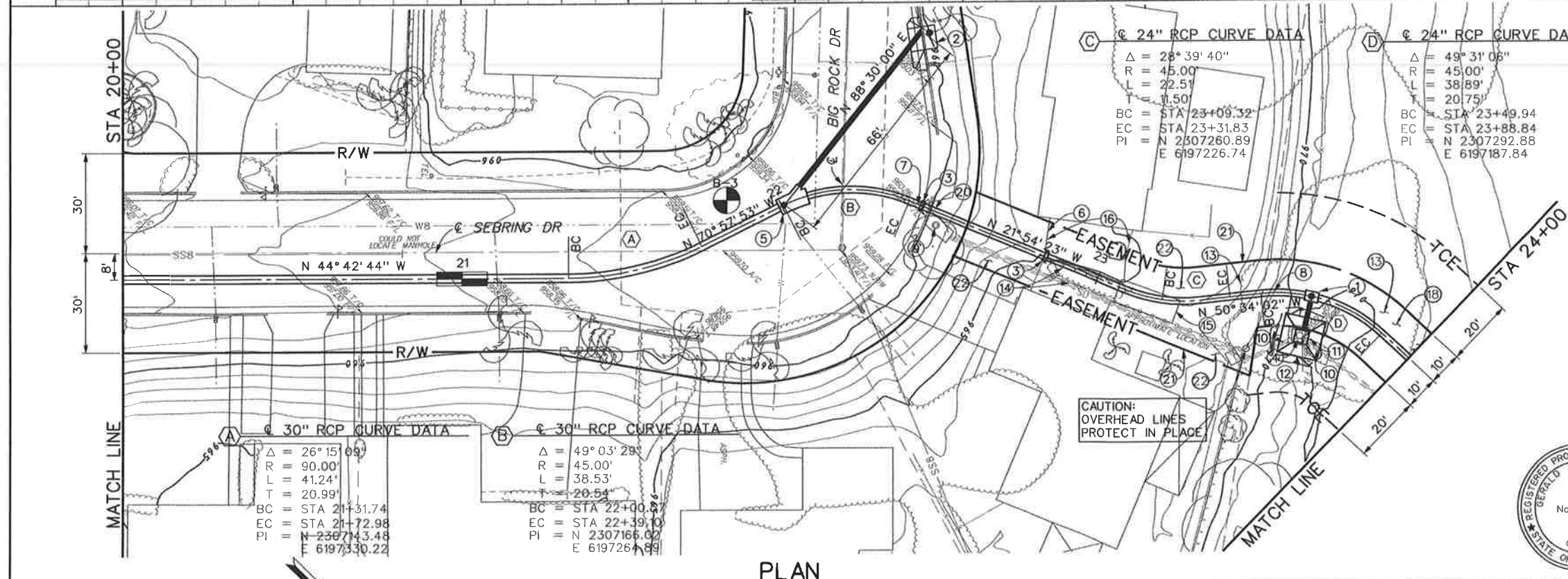
- NOTES**
- ① CONSTRUCT MH NO. 1 PER STD MH251.
 - ② CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=7', 10'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - ③ CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=7', W=14', 24'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - ④ REPLACE CROSS GUTTER. SEE STREET IMPROVEMENT PLANS ON SHEET 11.
 - ⑤ CONSTRUCT JS NO. 2 PER STD JS227. A=90°, B=18", C=3', D=30", E=18", F=1.14', G=1.16', L=24", EL R=941.93, EL S=941.22
 - ⑥ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASMENT PER DETAIL ON SHEET 10.



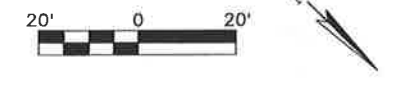
<p style="text-align: center;">COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i> DEPUTY DIRECTOR OF TRANSPORTATION</p> <p>DATE: 9/21/10</p>	<p>Don't Dig...Until You Call U.S.A. Toll Free 1-800-227-2800</p> <p>for the location of buried utility lines. Don't disrupt vital services.</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p style="text-align: center;">REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>APPR.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	APPR.	DATE													<p style="text-align: center;">RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT</p> <p>DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010</p> <p>RECOMMENDED FOR APPROVAL BY: <i>[Signature]</i> DATE: 9/1/10</p> <p>APPROVED BY: <i>[Signature]</i> DATE: 9 Sept 2010</p>	<p style="text-align: center;">PEDLEY HILLS BOLERO DR STORM DRAIN</p> <p style="text-align: center;">STAGE 1 PLAN & PROFILE</p> <p style="text-align: center;">STA 16+00 TO STA 20+00</p>
NO.	DESCRIPTION	APPR.	DATE																	



- NOTES**
- CONSTRUCT MH NO. 1 PER STD MH251.
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=6', W=7', 69.4'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - CONSTRUCT CONCRETE COLLAR PER STD M803.
 - REMOVE EXISTING INLET AND CONSTRUCT CONCRETE DROP INLET PER STD CB110 WITH NORTH, EAST AND WEST SIDES OPEN. V=4', H=9", 9.5'-18" RCP CL IV. SEE PROFILE AND DETAILS ON SHEET 8.
 - CONSTRUCT MH NO. 4 PER STD MH254. A=26.25°, B=18", C=7', D₁=24", D₂=30", EL R=949.87, EL S=949.82
 - SAW CUT AND REMOVE INTERFERING PORTION OF EXISTING DRIVEWAY/CONCRETE. REPLACE IN KIND.
 - REMOVE INTERFERING PORTION OF CURB AND GUTTER AND REPLACE PER COUNTY OF RIVERSIDE STD NO. 201.
 - REMOVE AND REPLACE INTERFERING PORTION OF EXISTING CHAIN LINK
 - REMOVE EXISTING OUTLET STRUCTURE AND CONSTRUCT CURB AND GUTTER PER COUNTY OF RIVERSIDE STD NO. 201. PLUG EX SD. REPLACE DRIVEWAY AS REQUIRED.
 - REMOVE INTERFERING PORTION OF EX SD AND PLUG.
 - GRADE TO DRAIN AND CONSTRUCT 3" THICK CONCRETE APRON. SEE S
 - REPLACE EXISTING EARTH BERM AND GRADE AREA AROUND INLET TO AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 8.
 - TRIM TREES AND REMOVE INTERFERING TREES AS DIRECTED BY THE
 - REMOVE AND REPLACE IN KIND INTERFERING PORTIONS OF EXISTING 6" WALL AND PLANTER AS REQUIRED.
 - REMOVE AND DISCARD EXISTING SHED, EQUIPMENT WITHIN THE SHED, T CONCRETE SLAB AND MISCELLANEOUS ITEMS AS DIRECTED BY THE EN
 - REMOVE, SALVAGE AND REPLACE EXISTING CHAIN LINK GATES.
 - CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT PER DETAIL ON SHEET 10.
 - HYDROSEED ALL DISTURBED AREAS WITHIN THE GOLF COURSE.
 - THE CONTRACTOR SHALL PROVIDE CONTINUAL GOLF COURSE ACCESS THRU THE CONSTRUCTION SITE.
 - REMOVE AND REPLACE MAILBOX PER POSTAL REGULATION.
 - INSTALL TEMPORARY FENCING ALONG EASEMENT THROUGH RESIDENTIAL
 - REMOVE AND REPLACE EXISTING LANDSCAPING AS REQUIRED.



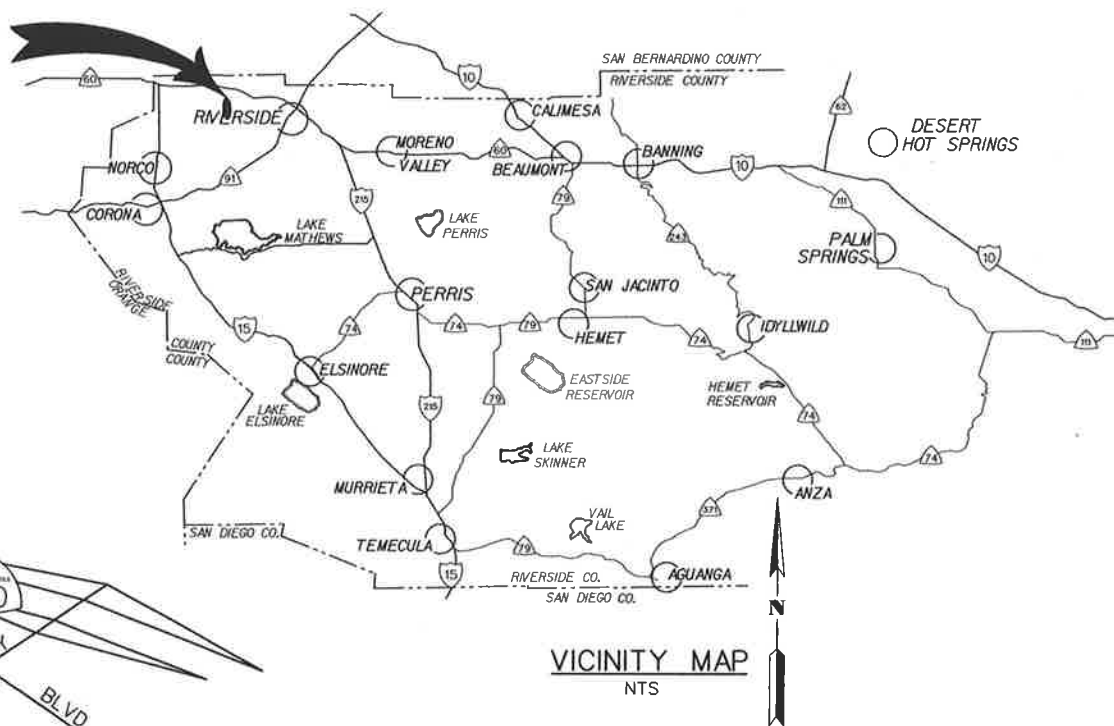
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RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

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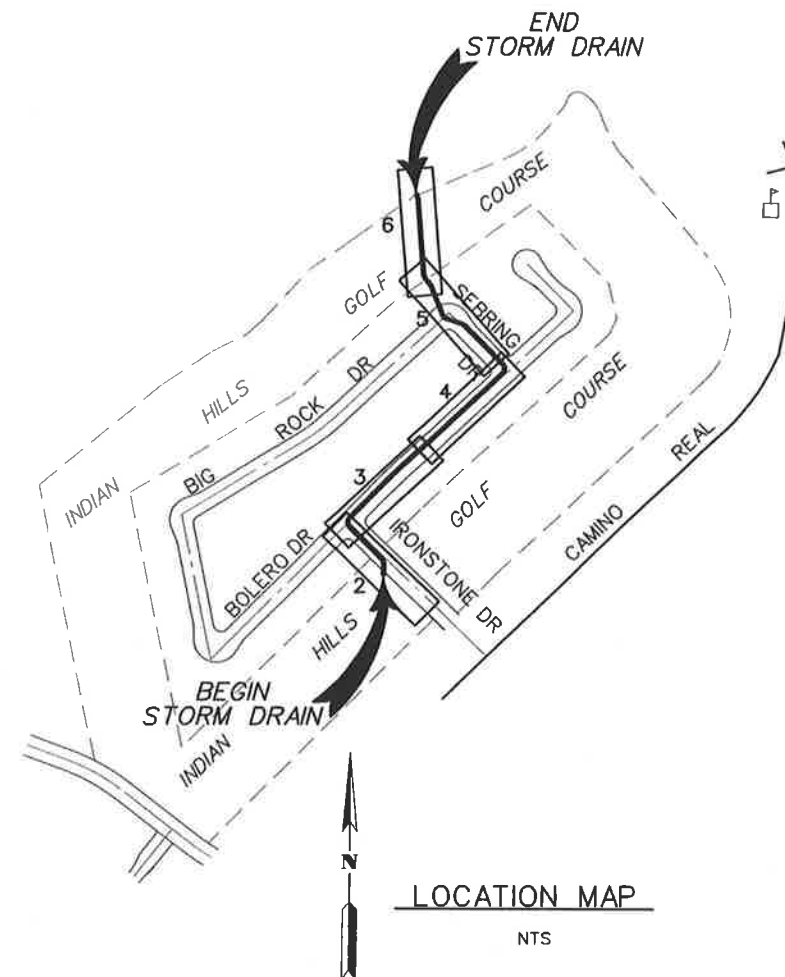
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- D90 PIPE WINGWALLS, CULVERT HEADWALLS AND ENDWALLS



LOCATION MAP
NTS

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TRANSPORTATION DEPARTMENT
APPROVED BY: *[Signature]*
DEPUTY DIRECTOR OF TRANSPORTATION
DATE: 9/21/10

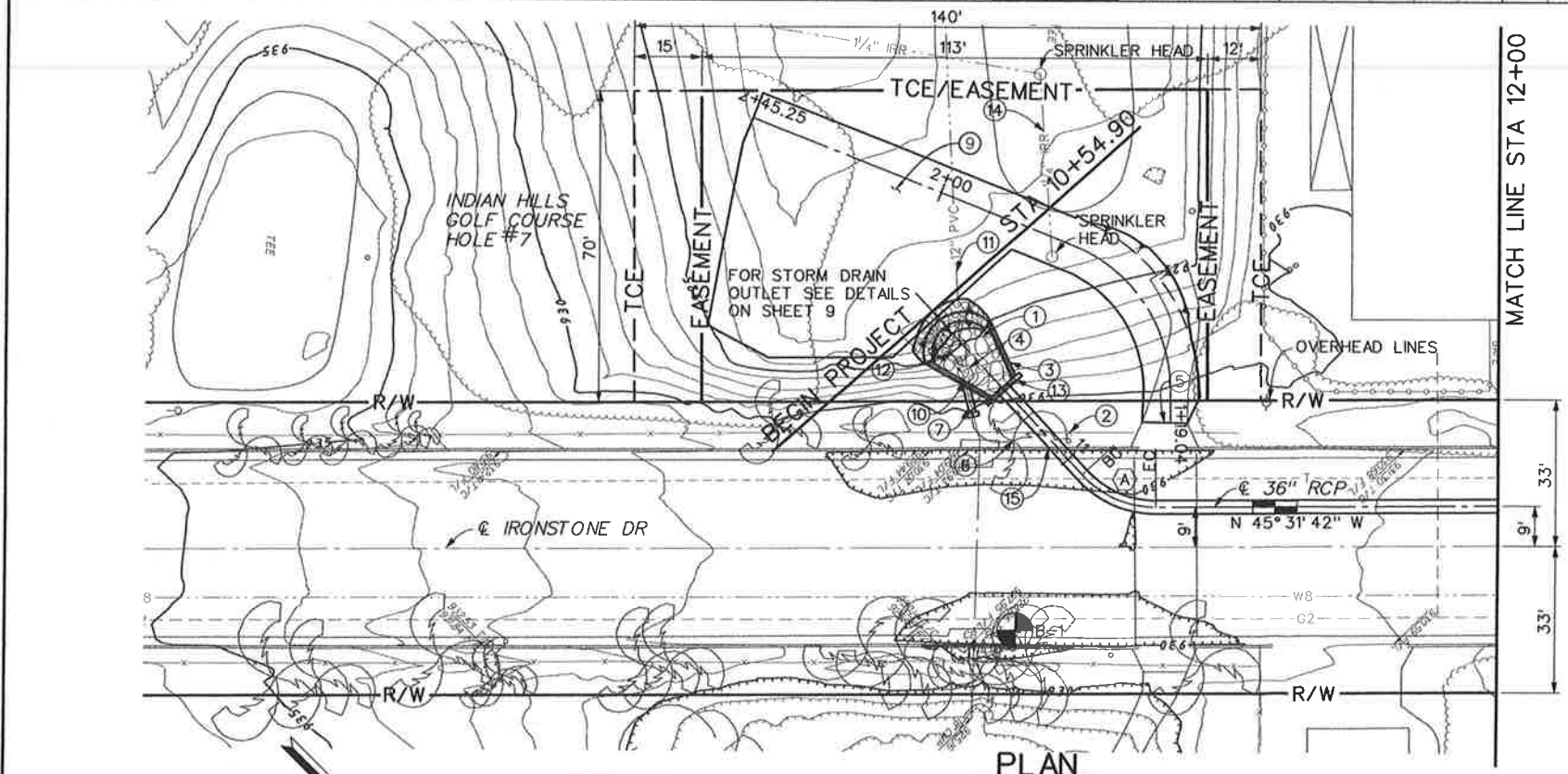
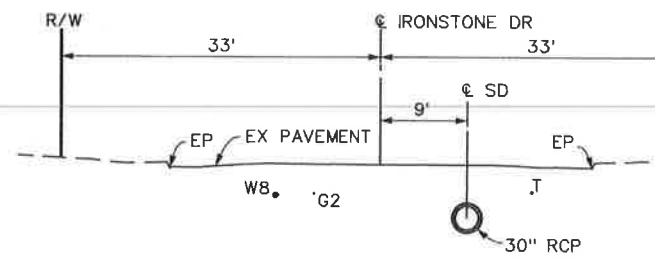
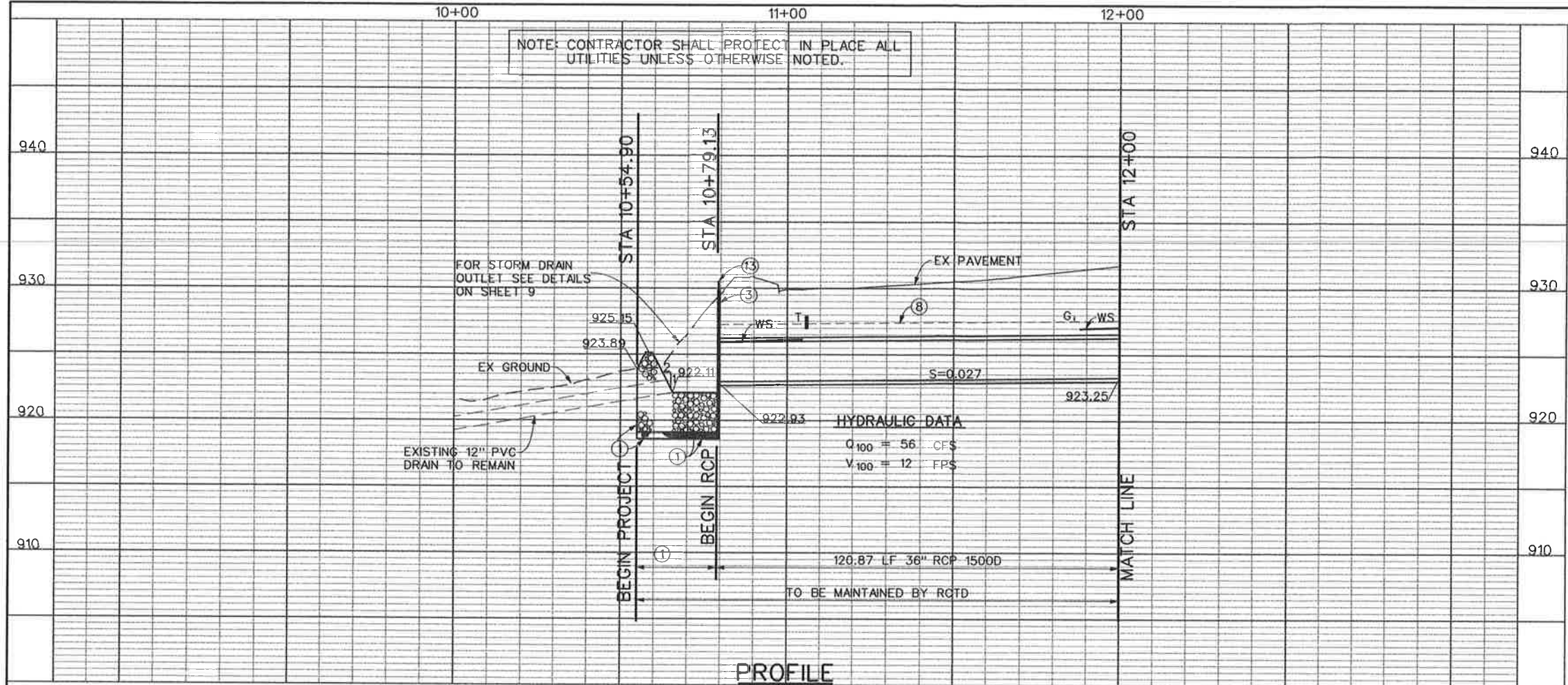
Don't Dig...Until You Call U.S.A. Toll Free
1-800-227-2600
for the location of buried utility lines.
Don't disrupt vital services.
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK
Z-11592
FD 1" IP W/LS5890 PLUG
DN 0.17' AT INTERSECTION OF
BOLERO DRIVE & IRONSTONE
DRIVE.
934.028 EL.

REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010
RECOMMENDED FOR APPROVAL BY: *[Signature]*
APPROVED BY: *[Signature]*
DATE: 9/29/10 R.E. No. 44684 R.E. No. 32336

PROJECT: PEDLEY HILLS BOLERO DR
DRAWING: 1-678
STAGE 1
TITLE SHEET
SHEET: 3/15



30" RCP CURVE DATA

Δ	= 47° 48' 35"
R	= 22.50'
L	= 18.78'
T	= 9.97'
BC	= STA 11+04.70
EC	= STA 11+23.47
PI	= N 2306405.37 E 6197085.15

NOTES

- ① PLACE 36" THICK ROCK SLOPE PROTECTION 1/4 TON CLASS OVER 9" FILTER BLANKET AND MIRAFI 1100N FILTER FABRIC. BERM TOP WIDTH SHALL BE MINIMUM 2'.
- ② REMOVE, SALVAGE AND REINSTALL INTERFERING PORTION OF EXISTING 2 RAIL FENCE AND SIGN.
- ③ CONSTRUCT PIPE CULVERT HEADWALL AND WING WALLS PER CALTRANS STD D90 AND DETAILS ON SHEET 9.
- ④ MAINTAIN EXISTING FLOW LINE FROM CULVERT TO 12" DRAIN.
- ⑤ PROTECT IN PLACE EXISTING DRIVEWAY, ACCESS RAMP TO MATCH EXISTING DRIVEWAY.
- ⑥ REMOVE INTERFERING PALM TREE.
- ⑦ REMOVE INTERFERING PORTION OF 18" CMP AND REPLACE WITH 8'-18" RCP CLASS IV. CONSTRUCT CONCRETE COLLAR PER STD 201.
- ⑧ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT DETAIL ON SHEET 10.
- ⑨ HYDROSEED ALL DISTURBED AREAS WITHIN THE GOLF COURSE.
- ⑩ CONSTRUCT JS NO. 3 PER JS228. A=46.16°, D=18", STA 10+71.45, OFFSET 5.17', ELEV S=922.93.
- ⑪ PROTECT EXISTING 12" PVC OR REPLACE IN KIND AS NEEDED.
- ⑫ REMOVE EXISTING ROCK AND INLET.
- ⑬ INSTALL 3' CABLE RAILING PER CALTRANS STD B11-47.
- ⑭ PROTECT IN PLACE EXISTING GOLF COURSE IRRIGATION SYSTEM OR REPLACE IN KIND AS NEEDED.
- ⑮ REMOVE AND REPLACE INTERFERING PORTION OF CURB AND GUTTER PER COUNTY OF RIVERSIDE STD 201.



COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT

APPROVED BY: *[Signature]*
 DEPUTY DIRECTOR OF TRANSPORTATION

DATE: 9/21/10

Don't Dig...Until You Call U.S.A. Toll Free
 1-800-227-2800

for the location of buried utility lines.

Don't disrupt vital services.

TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: K. AMIN, D.H.
 DRAWN BY: T. DECKER
 DATE DRAWN: JUNE 2010

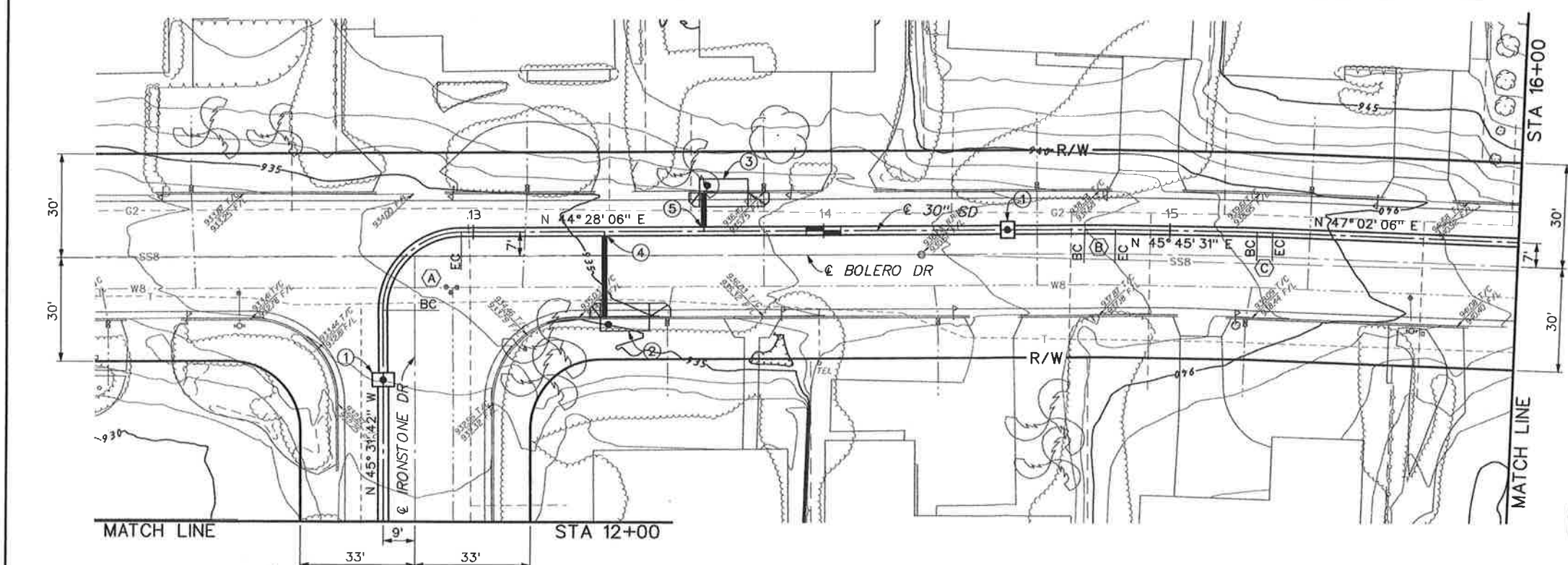
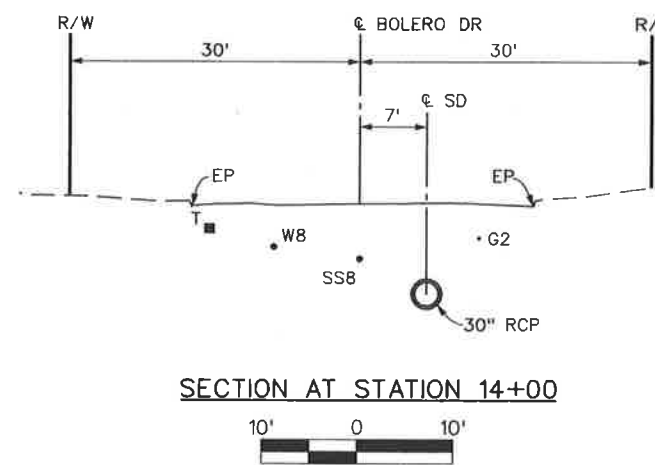
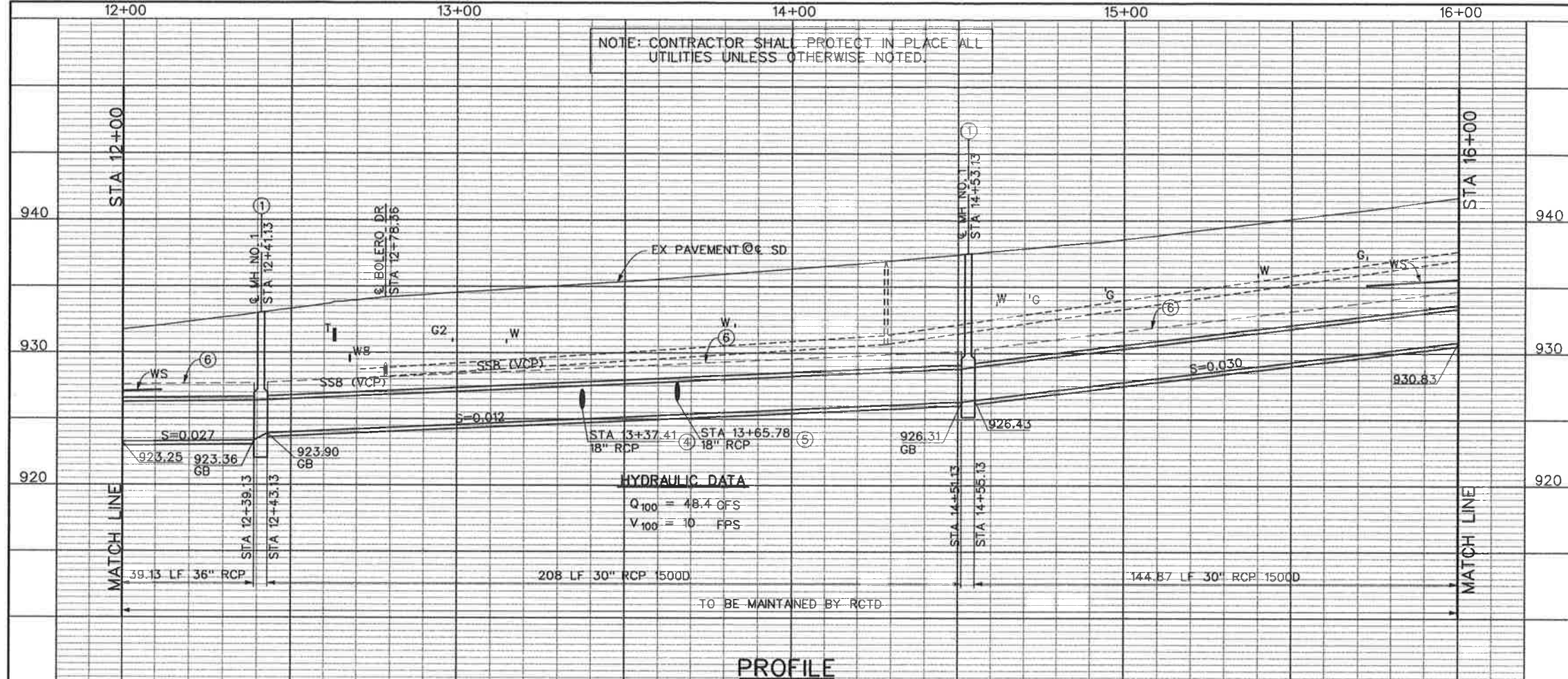
RECOMMENDED FOR APPROVAL BY: *[Signature]*
 DATE: 9/11/10

APPROVED BY: *[Signature]*
 DATE: 1-Sept-2010

PEDLEY HILLS BOLERO DR STORM DRAIN

STAGE 1
 PLAN & PROFILE
 BEGIN PROJECT TO STA 12+00

PROJECT 1-1
 DRAWING
 SHEET



30" RCP CURVE DATA

A

$\Delta = 89^\circ 59' 48''$
 $R = 22.50'$
 $L = 35.34'$
 $T = 22.50'$
 $BC = STA 12+61.26$
 $EC = STA 12+96.61$
 $PI = N 2306524.65$
 $E 6196963.65$

B

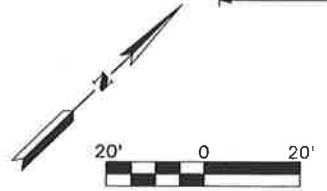
$\Delta = 1^\circ 17' 25''$
 $R = 400.00'$
 $L = 9.00'$
 $T = 4.50'$
 $BC = STA 14+75.39$
 $EC = STA 14+84.40$
 $PI = N 2306671.51$
 $E 6197107.81$

C

$\Delta = 1^\circ 16' 35''$
 $R = 400.00'$
 $L = 8.91'$
 $T = 4.46'$
 $BC = STA 15+20.30$
 $EC = STA 15+29.22$
 $PI = N 2306702.81$
 $E 6197139.95$

NOTES

- ① CONSTRUCT MH NO. 1 PER STD MH COUNTY STD NO. 300. H=4.5', W=14', RCP CL IV. SEE PROFILE ON SHEET 10.
- ② CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=14', RCP CL IV. SEE PROFILE ON SHEET 10.
- ③ CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=14', RCP CL IV. SEE PROFILE ON SHEET 10.
- ④ CONSTRUCT JS NO. 2 PER STD JS COUNTY STD NO. 300. H=4.5', W=14', A=90°, B=18", C=3', D=30", E=18", G=1.16", L=24", EL R=925.77, EL S=925.77.
- ⑤ CONSTRUCT JS NO. 2 PER STD JS COUNTY STD NO. 300. H=4.5', W=14', A=90°, B=18", C=3', D=30", E=18", G=1.16", L=24", EL R=927.30, EL S=927.30.
- ⑥ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASUREMENT PER DETAIL ON SHEET 10.



COUNTY OF RIVERSIDE
 TRANSPORTATION DEPARTMENT

APPROVED BY: *[Signature]*
 DEPUTY DIRECTOR OF TRANSPORTATION

DATE: 9/21/10

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 1-800-227-2600

for the location of buried utility lines.
 Don't disrupt vital services.

TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL
 AND
 WATER CONSERVATION DISTRICT

DESIGNED BY: K. AMIN, D.H.
 DRAWN BY: T. DECKER
 DATE DRAWN: JUNE 2010

RECOMMENDED FOR APPROVAL BY: *[Signature]*
 DATE: 9/1/10

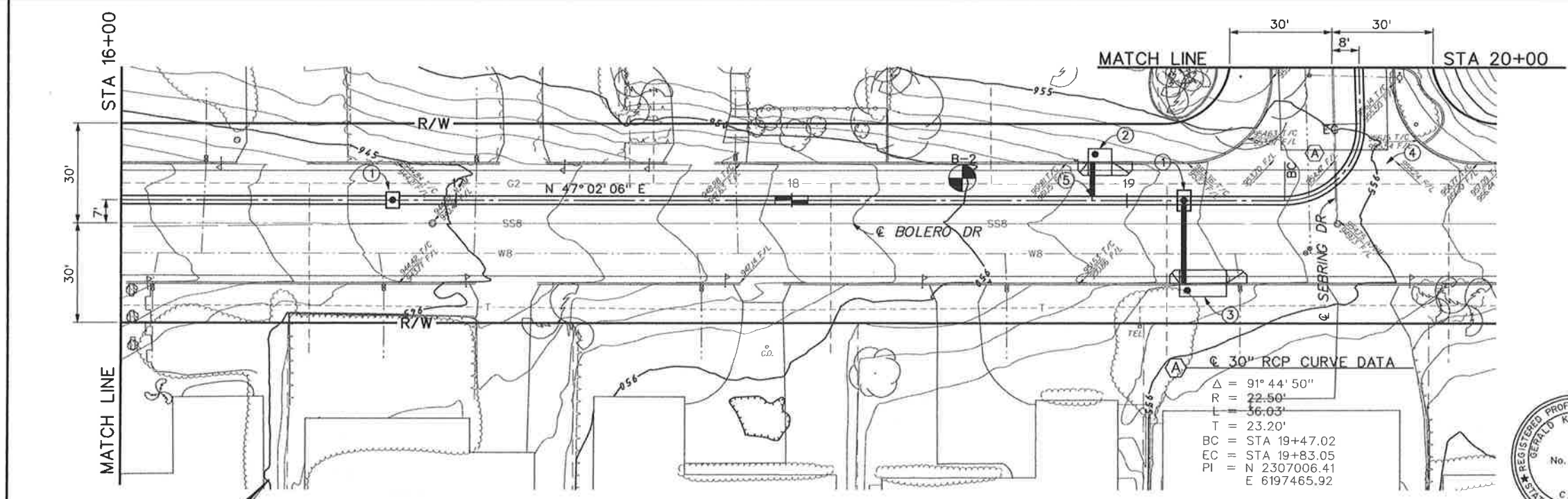
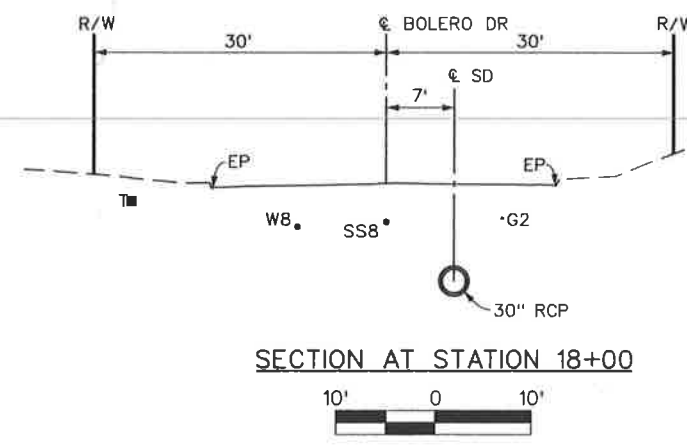
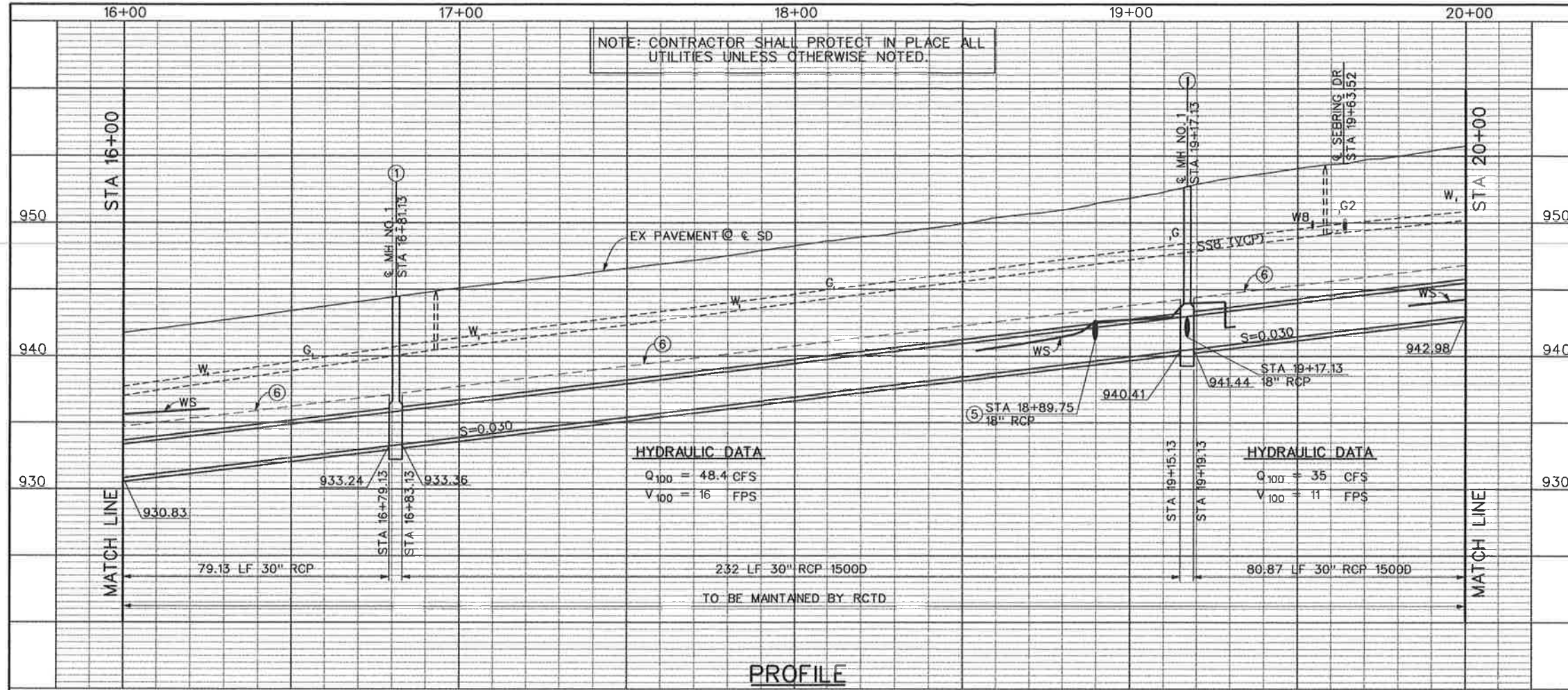
APPROVED BY: *[Signature]*
 DATE: 1-Sept-2010

**PEDLEY HILLS BOLERO DR
 STORM DRAIN**

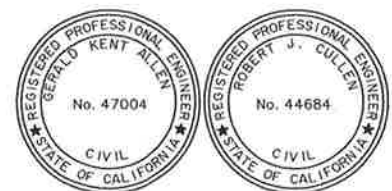
STAGE 1

PLAN & PROFILE
 STA 12+00 TO STA 16+00

PROJECT NO. 1-10-001
 DRAWING NO. 1-10-001-01
 SHEET NO. 1 OF 1



- NOTES**
- CONSTRUCT MH NO. 1 PER STD MH251.
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=4.5', W=7', 10'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=7', W=14', 24'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - REPLACE CROSS GUTTER. SEE STREET IMPROVEMENT PLANS ON SHEET 11.
 - CONSTRUCT JS NO. 2 PER STD JS227. A=90°, B=18", C=3', D=30", E=18", F=1.14', G=1.16', L=24", EL S=941.93, EL S=941.22
 - CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT PER DETAIL ON SHEET 10.



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

APPROVED BY: *[Signature]*
DEPUTY DIRECTOR OF TRANSPORTATION

DATE: 9/21/10

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1-800-227-2600

for the location of buried utility lines. Don't disrupt vital services.

TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

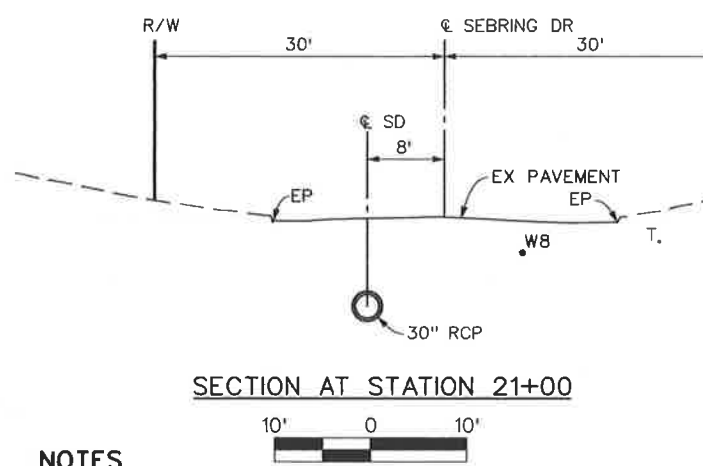
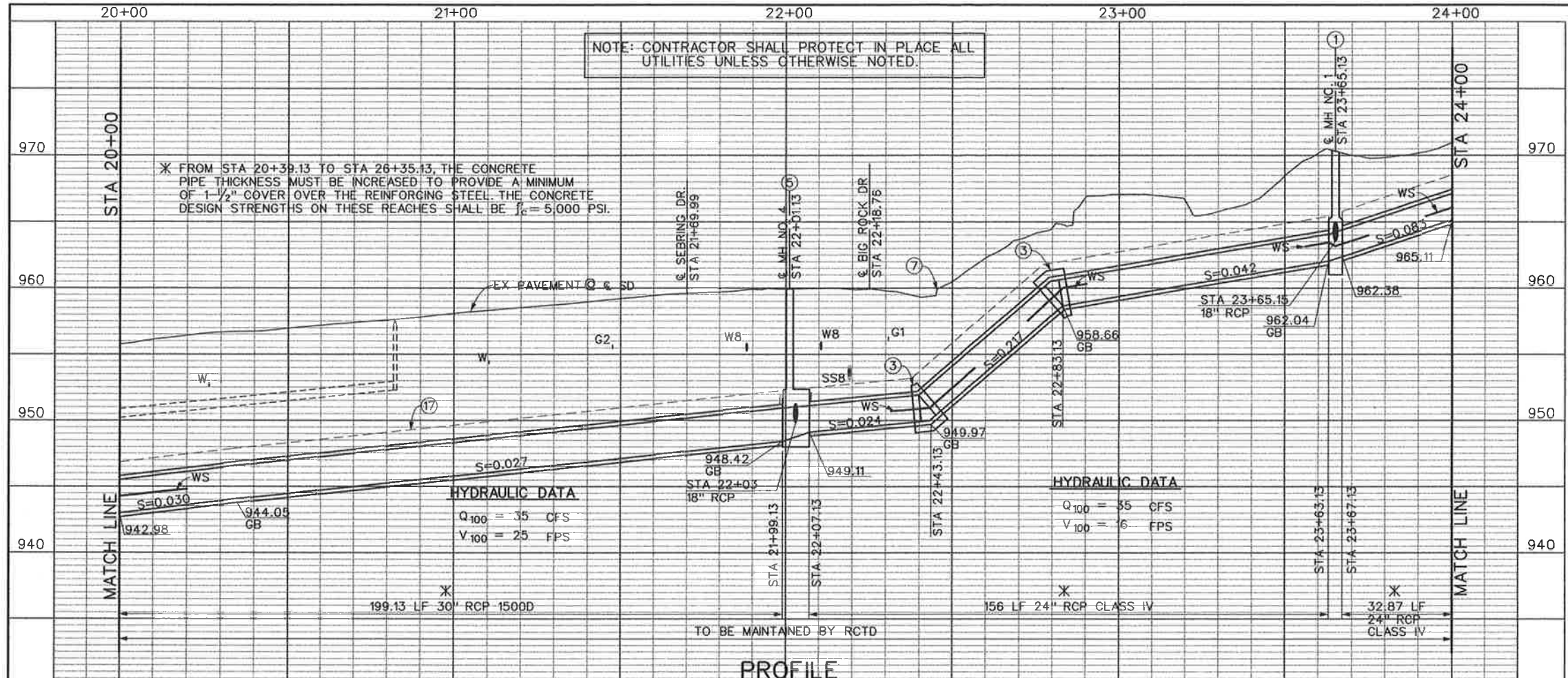
DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010

RECOMMENDED FOR APPROVAL BY: *[Signature]*
DATE: 9/11/10

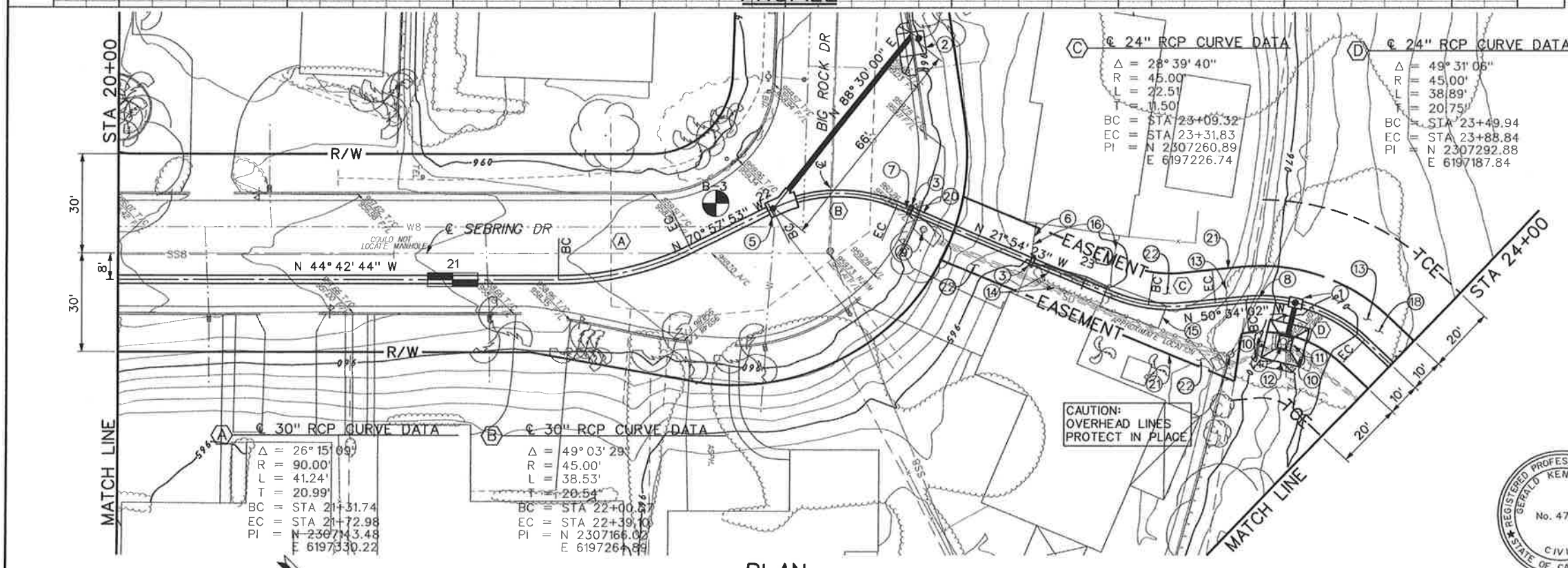
APPROVED BY: *[Signature]*
DATE: 1-Sept-2010

PEDLEY HILLS BOLERO DR STORM DRAIN

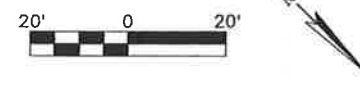
STAGE 1
PLAN & PROFILE
STA 16+00 TO STA 20+00

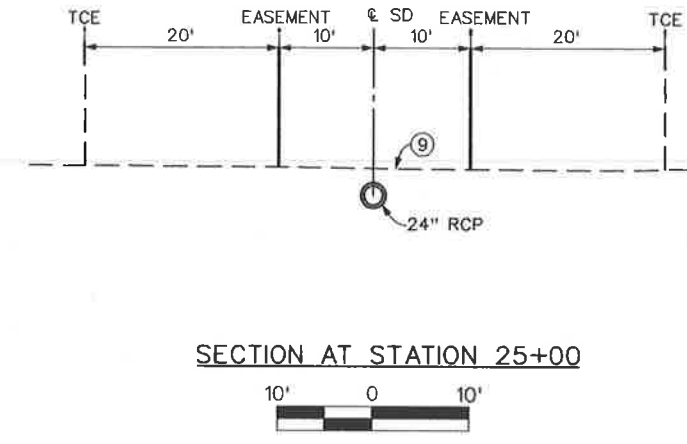
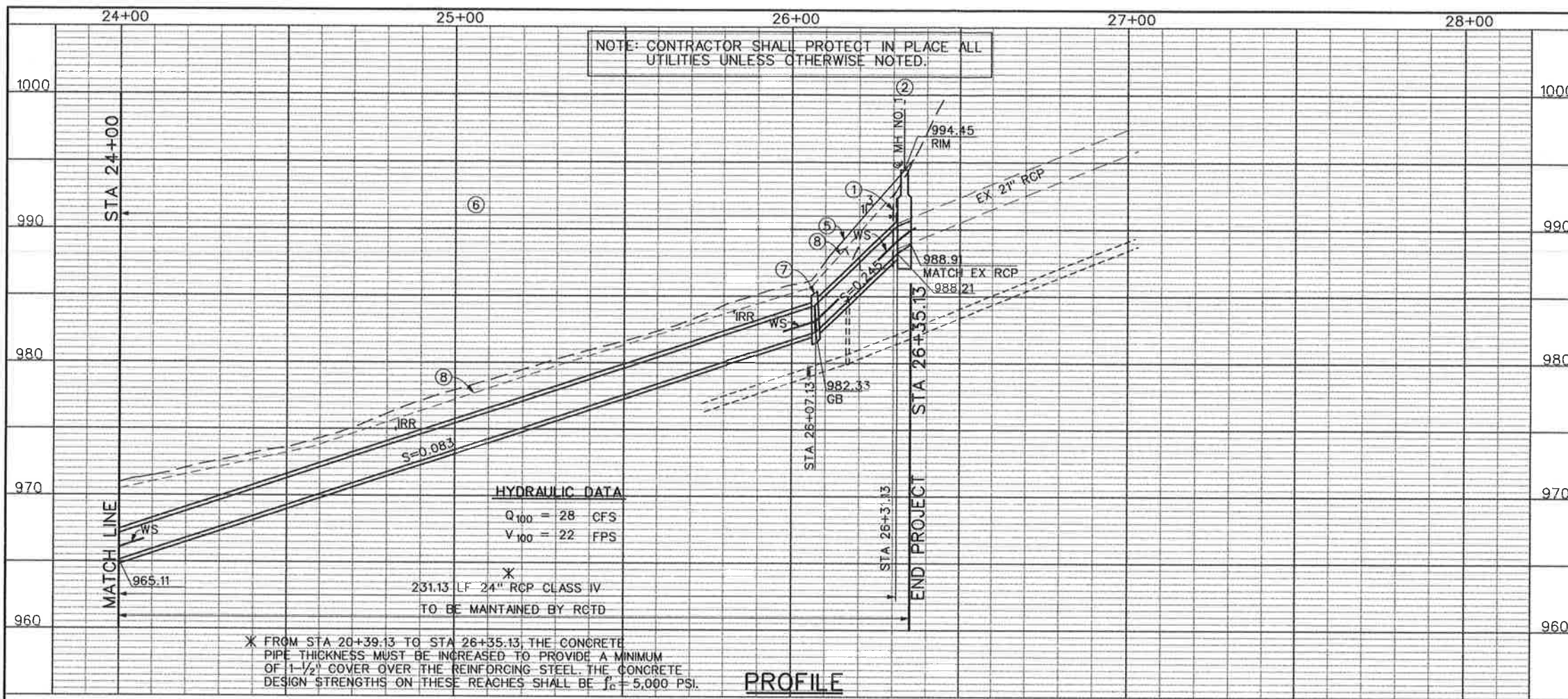


- NOTES**
- CONSTRUCT MH NO. 1 PER STD MH251.
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300. H=6', W=7', 69.4'-18" RCP CL IV. SEE PROFILE ON SHEET 7.
 - CONSTRUCT CONCRETE COLLAR PER STD M803.
 - REMOVE EXISTING INLET AND CONSTRUCT CONCRETE DROP INLET PER STD CB110 WITH NORTH, EAST AND WEST SIDES OPEN. V=4", H=9", 9.5'-18" RCP CL IV. SEE PROFILE AND DETAILS ON SHEET 8.
 - CONSTRUCT MH NO. 4 PER STD MH254. A=26.25°, B=18", C=7', D₁=24", D₂=30", EL R=949.87, EL S=949.82
 - SAW CUT AND REMOVE INTERFERING PORTION OF EXISTING DRIVEWAY/CONCRETE. REPLACE IN KIND.
 - REMOVE INTERFERING PORTION OF CURB AND GUTTER AND REPLACE PER COUNTY OF RIVERSIDE STD NO. 201.
 - REMOVE AND REPLACE INTERFERING PORTION OF EXISTING CHAIN LINK FENCE PER COUNTY OF RIVERSIDE STD NO. 201.
 - REMOVE EXISTING OUTLET STRUCTURE AND CONSTRUCT CURB AND GUTTER PER COUNTY OF RIVERSIDE STD NO. 201. PLUG EX SD. REPLACE DRIVEWAY AS REQUIRED.
 - REMOVE INTERFERING PORTION OF EX SD AND PLUG.
 - GRADE TO DRAIN AND CONSTRUCT 3" THICK CONCRETE APRON. SEE SHEET 8.
 - REPLACE EXISTING EARTH BERM AND GRADE AREA AROUND INLET TO DRAINAGE AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 8.
 - TRIM TREES AND REMOVE INTERFERING TREES AS DIRECTED BY THE ENGINEER.
 - REMOVE AND REPLACE IN KIND INTERFERING PORTIONS OF EXISTING 6" BLU WALL AND PLANTER AS REQUIRED.
 - REMOVE AND DISCARD EXISTING SHED, EQUIPMENT WITHIN THE SHED, THE CONCRETE SLAB AND MISCELLANEOUS ITEMS AS DIRECTED BY THE ENGINEER.
 - REMOVE, SALVAGE AND REPLACE EXISTING CHAIN LINK GATES.
 - CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT PER DETAIL ON SHEET 10.
 - HYDROSEED ALL DISTURBED AREAS WITHIN THE GOLF COURSE.
 - THE CONTRACTOR SHALL PROVIDE CONTINUAL GOLF COURSE ACCESS THROUGH THE CONSTRUCTION SITE.
 - REMOVE AND REPLACE MAILBOX PER POSTAL REGULATION.
 - INSTALL TEMPORARY FENCING ALONG EASEMENT THROUGH RESIDENTIAL PROPERTY.
 - REMOVE AND REPLACE EXISTING LANDSCAPING AS REQUIRED.



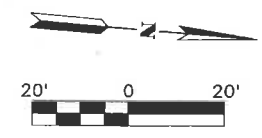
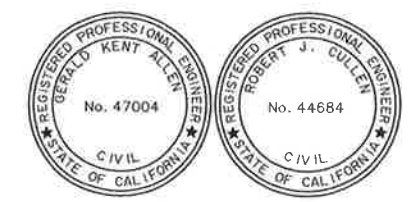
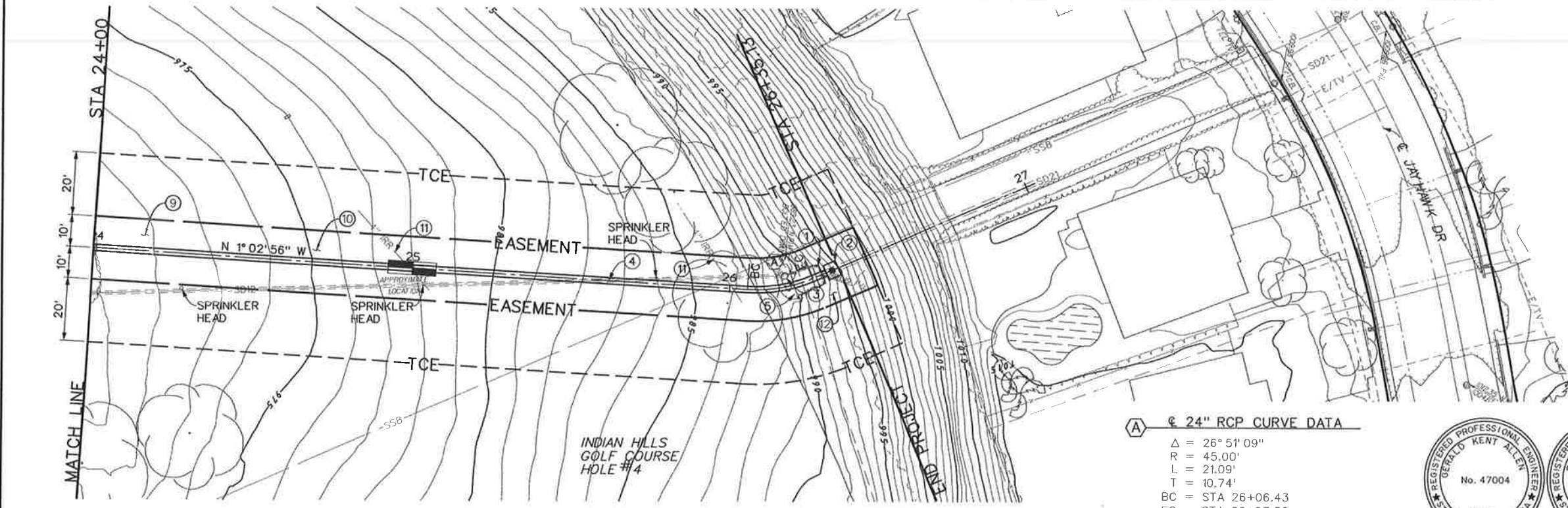
COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT APPROVED BY: DEPUTY DIRECTOR OF TRANSPORTATION DATE: 9/21/10	Don't Dig...Until You Call U.S.A. Toll Free 1-800-227-2800 For the location of buried utility lines. Don't disrupt vital services. TWO WORKING DAYS BEFORE YOU DIG	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
		DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010	RECOMMENDED FOR APPROVAL BY: DATE: 9/1/10	APPROVED BY: DATE: 1-30-10-2010





NOTES

- ① REMOVE EXISTING ENERGY DISSIPATOR STRUCTURE AND E TO MATCH EXISTING GROUND.
- ② CONSTRUCT MH NO. 1 PER STD MH251.
- ③ REMOVE EX DROP INLET AND TURF BLOCKS.
- ④ REMOVE INTERFERING PORTION OF EX 12" PVC STORM DR
- ⑤ SEE GRADING DETAILS ON SHEET 8.
- ⑥ CONTROLLED LOW STRENGTH MATERIAL (CLSM) BACK FILL STA 24+00 TO STA 26+35.13, TO WITHIN 6" OF EXISTING
- ⑦ CONSTRUCT CONCRETE COLLAR PER STD M803.
- ⑧ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASEMENT DETAIL ON SHEET 10.
- ⑨ HYDROSEED ALL DISTURBED AREAS WITHIN THE GOLF COURSE
- ⑩ THE CONTRACTOR SHALL PROVIDE CONTINUAL GOLF COURSE THROUGH THE CONSTRUCTION SITE.
- ⑪ PROTECT IN PLACE EXISTING GOLF COURSE IRRIGATION SYSTEM AND REPLACE IN KIND AS NEEDED.
- ⑫ REMOVE AND REPLACE EXISTING LANDSCAPING AS REQUIRED



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT

APPROVED BY: *[Signature]*
DEPUTY DIRECTOR OF TRANSPORTATION

DATE: 9/21/10

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1-800-227-2800

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TWO WORKING DAYS BEFORE YOU DIG

REVISIONS	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: K. AMIN, D.H.

DRAWN BY: T. DECKER

DATE DRAWN: JUNE 2010

RECOMMENDED FOR APPROVAL BY: *[Signature]*

DATE: 9/1/10

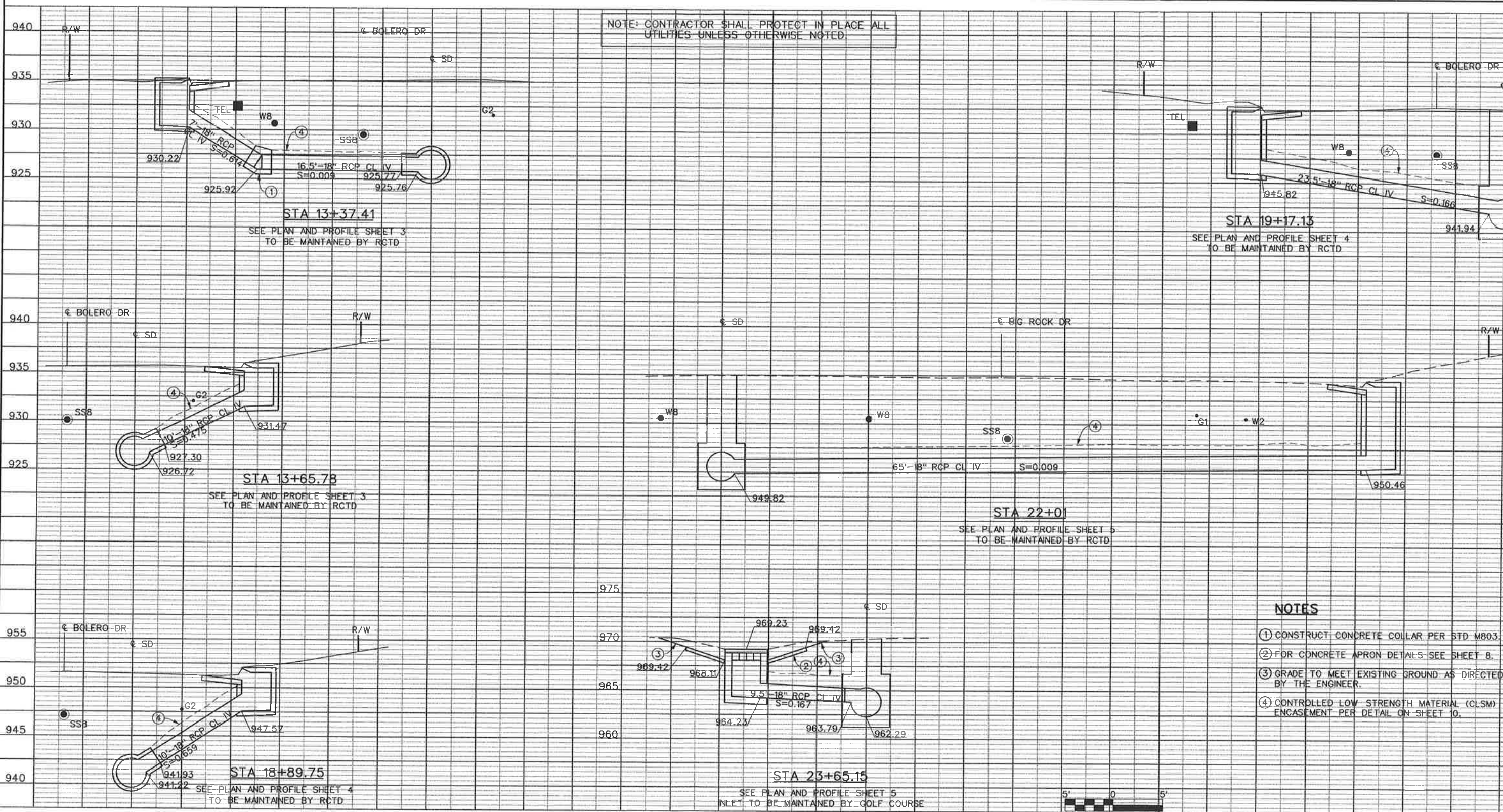
APPROVED BY: *[Signature]*

DATE: 1-5 Sept-2010

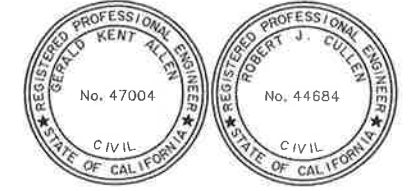
PEDLEY HILLS BOLERO DR STORM DRAIN

STAGE 1
PLAN & PROFILE
STA 24+00 TO STA 26+35.13

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES UNLESS OTHERWISE NOTED.



- NOTES**
- ① CONSTRUCT CONCRETE COLLAR PER STD M803.
 - ② FOR CONCRETE APRON DETAILS SEE SHEET 8.
 - ③ GRADE TO MEET EXISTING GROUND AS DIRECTED BY THE ENGINEER.
 - ④ CONTROLLED LOW STRENGTH MATERIAL (CLSM) ENCASUREMENT PER DETAIL ON SHEET 10.



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1-800-227-2600
for the location of buried utility lines.
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REF.	DESCRIPTION	APPR.	DATE

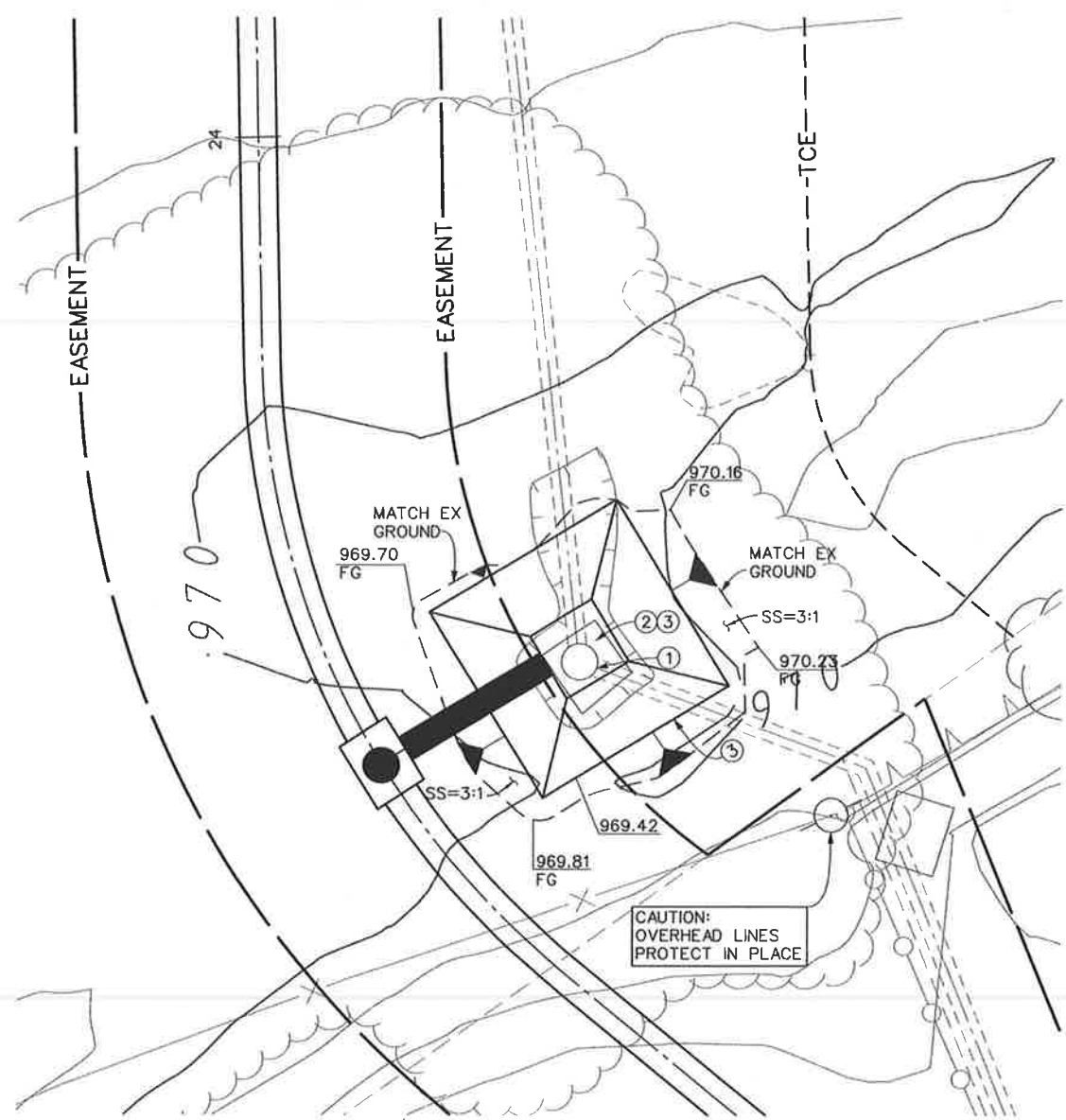
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010

RECOMMENDED FOR APPROVAL BY: *[Signature]*
DATE: 9/1/10

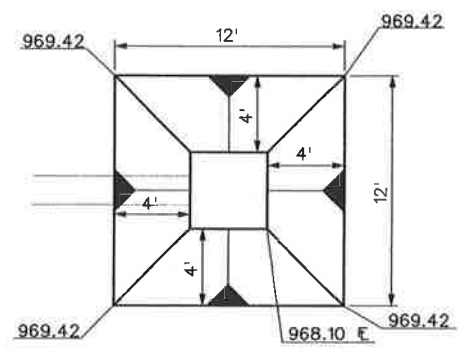
APPROVED BY: *[Signature]*
DATE: 1-Sept-2011

**PEDLEY HILLS BOLERO DR
STORM DRAIN
STAGE 1
CONNECTOR PIPE PROFILES**



DROP INLET DETAIL

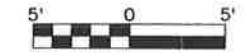
STA 23+65.15
TO BE MAINTAINED BY GOLF COURSE



CONCRETE APRON DETAIL



GRADING DETAIL



NOTES

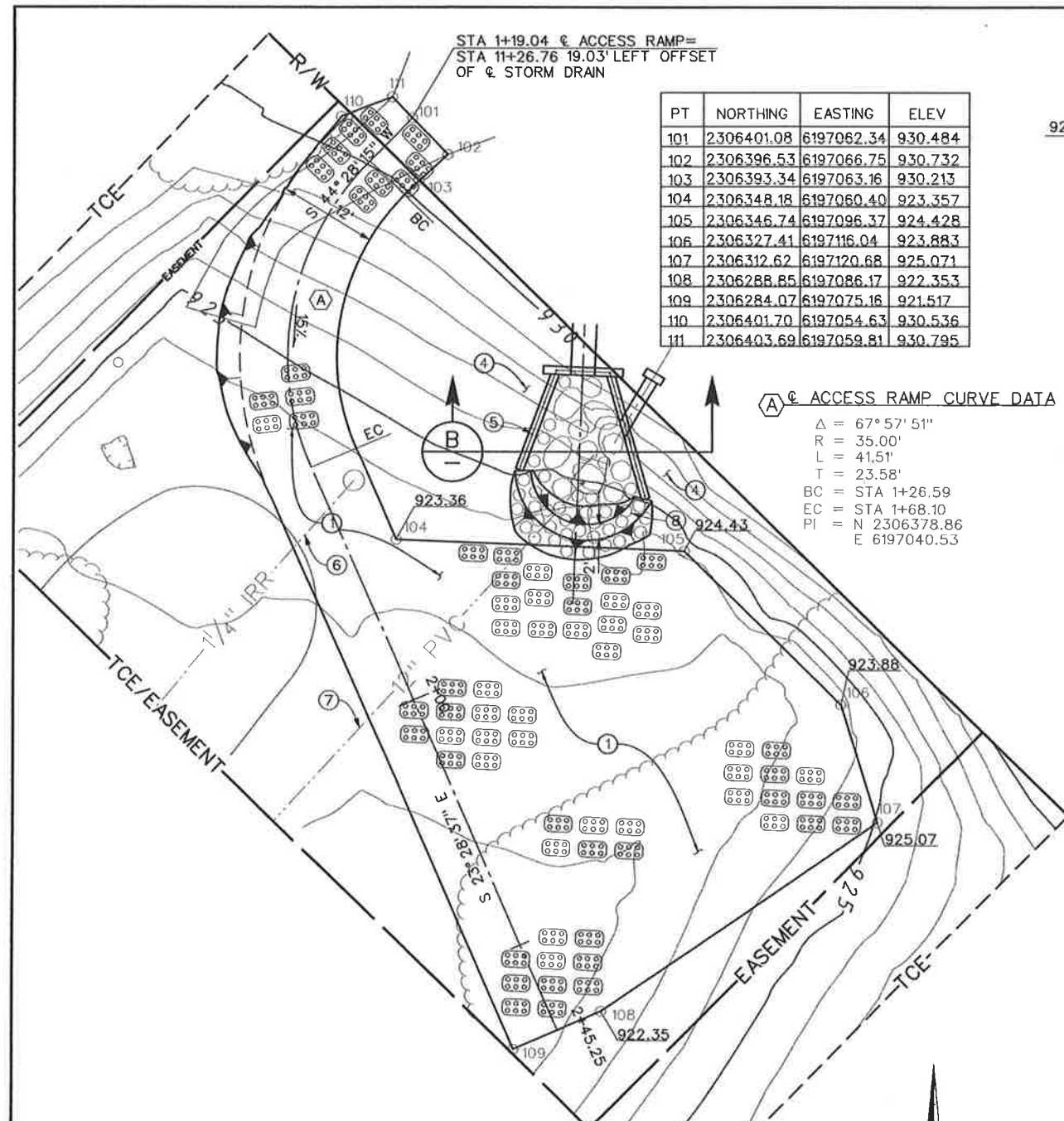
- ① REMOVE EXISTING INLET AND INTERFERING PORTION OF EX SD AND PLUG.
- ② REMOVE EXISTING INLET AND CONSTRUCT CONG DROP INLET PER STD CB110 WITH NORTH, EAST WEST SIDES OPEN. V=4', H=9', 9.5'-18" RCP CL SEE PROFILE ON SHEET 8 AND DETAILS HERE ON.
- ③ CONSTRUCT CONCRETE APRON PER DETAILS HERE ON.
- ④ HYDROSEED ALL DISTURBED AREAS WITHIN THE COURSE.
- ⑤ REMOVE AND REPLACE EXISTING LANDSCAPING



COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT		REVISIONS		RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY:	<i>[Signature]</i>	DESIGNED BY:	K. AMIN, D.H.	RECOMMENDED FOR APPROVAL BY:	<i>[Signature]</i>
DEPUTY DIRECTOR OF TRANSPORTATION		DRAWN BY:	T. DECKER	APPROVED BY:	<i>[Signature]</i>
DATE:	9/21/10	DATE DRAWN:	JUNE 2010	DATE:	1-Sept-2010
REF.		DESCRIPTION		APPR.	

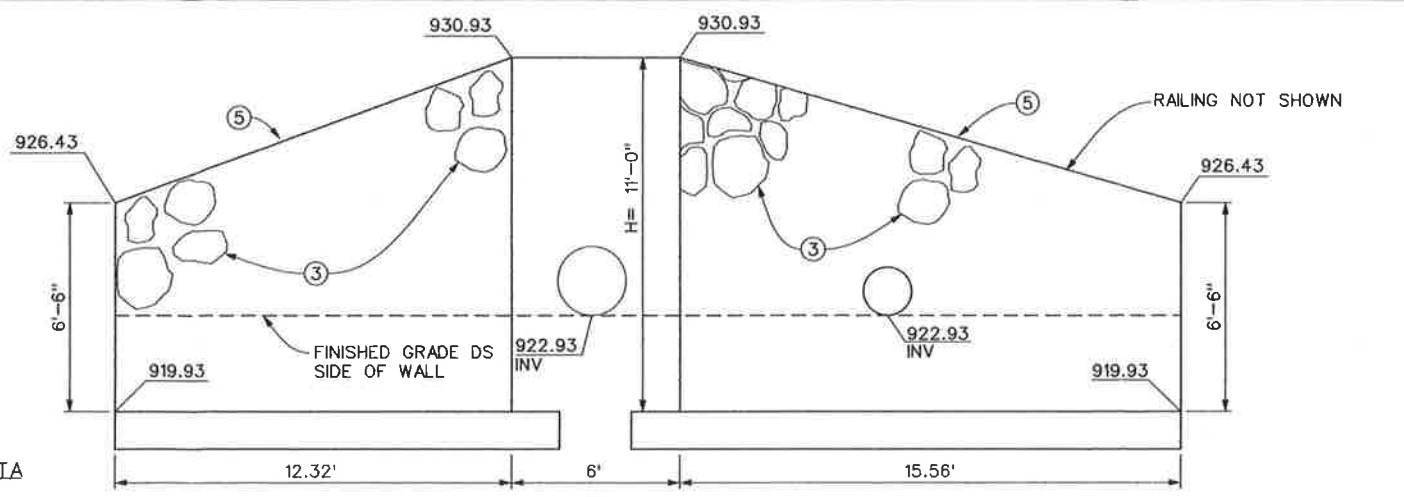
**PEDLEY HILLS BOLERO DR
STORM DRAIN**
STAGE 1
MISCELLANEOUS DETAILS

PROJECT NO. 1
DRAWING
SHEET

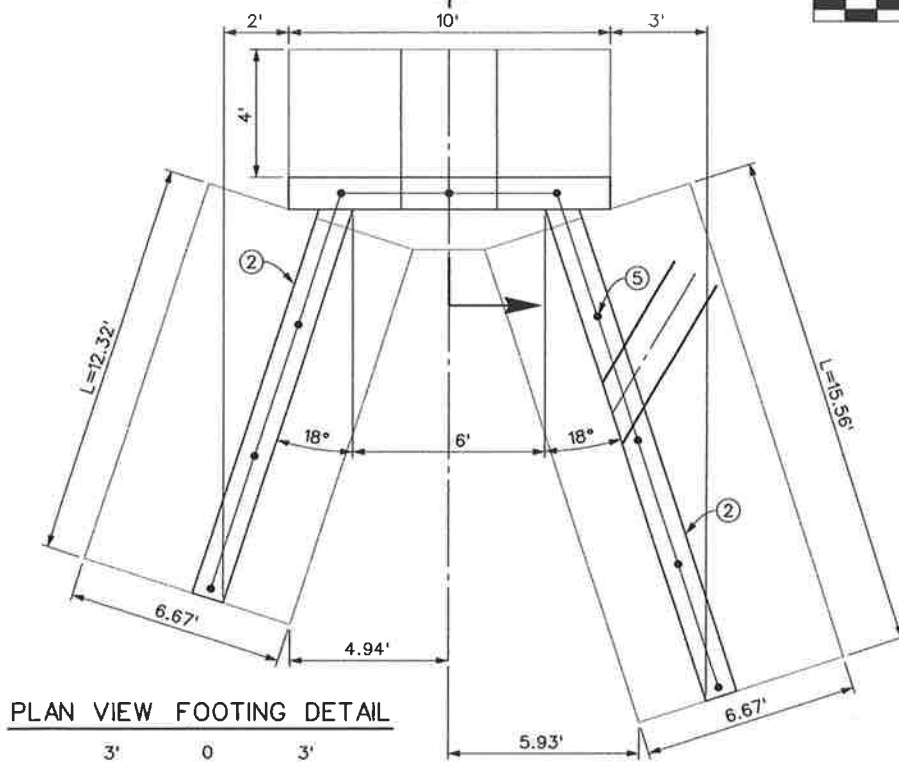


PT	NORTHING	EASTING	ELEV
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102	2306396.53	6197066.75	930.732
103	2306393.34	6197063.16	930.213
104	2306348.18	6197060.40	923.357
105	2306346.74	6197096.37	924.428
106	2306327.41	6197116.04	923.883
107	2306312.62	6197120.68	925.071
108	2306288.85	6197086.17	922.353
109	2306284.07	6197075.16	921.517
110	2306401.70	6197054.63	930.536
111	2306403.69	6197059.81	930.795

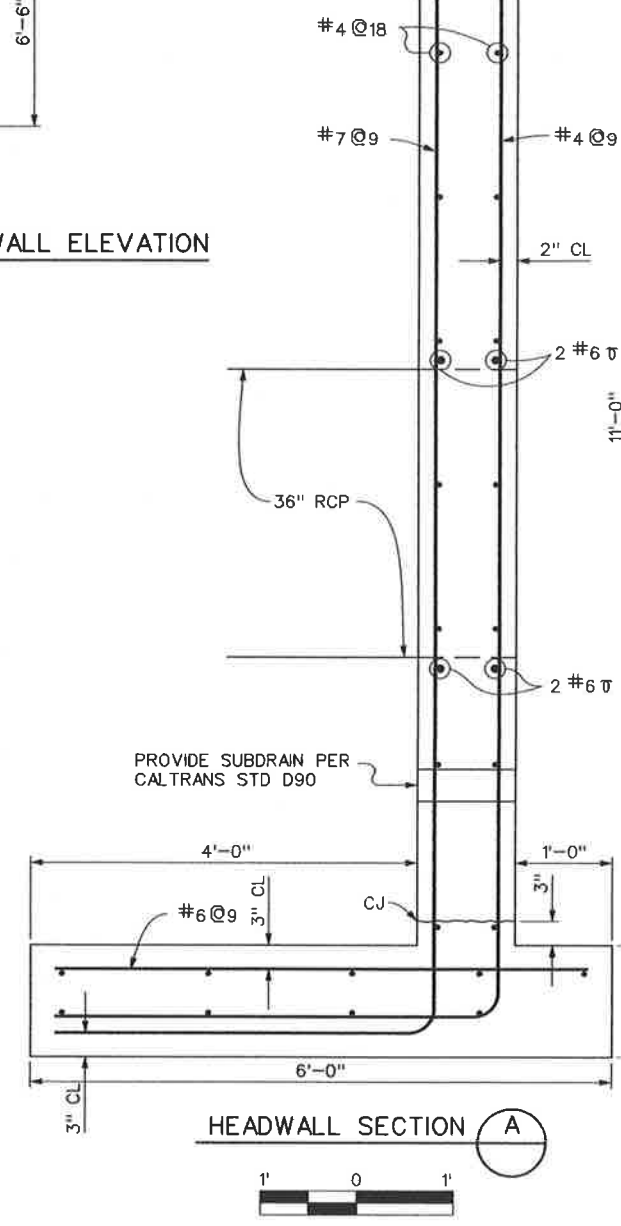
A @ ACCESS RAMP CURVE DATA
 $\Delta = 67^\circ 57' 51''$
 $R = 35.00'$
 $L = 41.51'$
 $T = 23.58'$
 $BC = STA 1+26.59$
 $EC = STA 1+68.10$
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 $E 6197040.53$



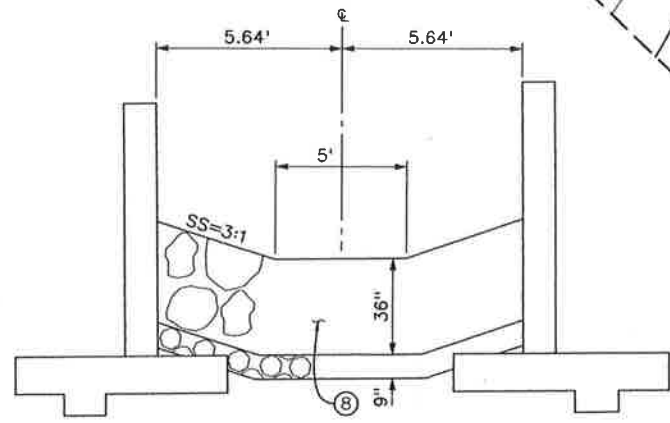
PIPE CULVERT HEADWALL & WINGWALL ELEVATION



PLAN VIEW FOOTING DETAIL



HEADWALL SECTION A



SECTION B

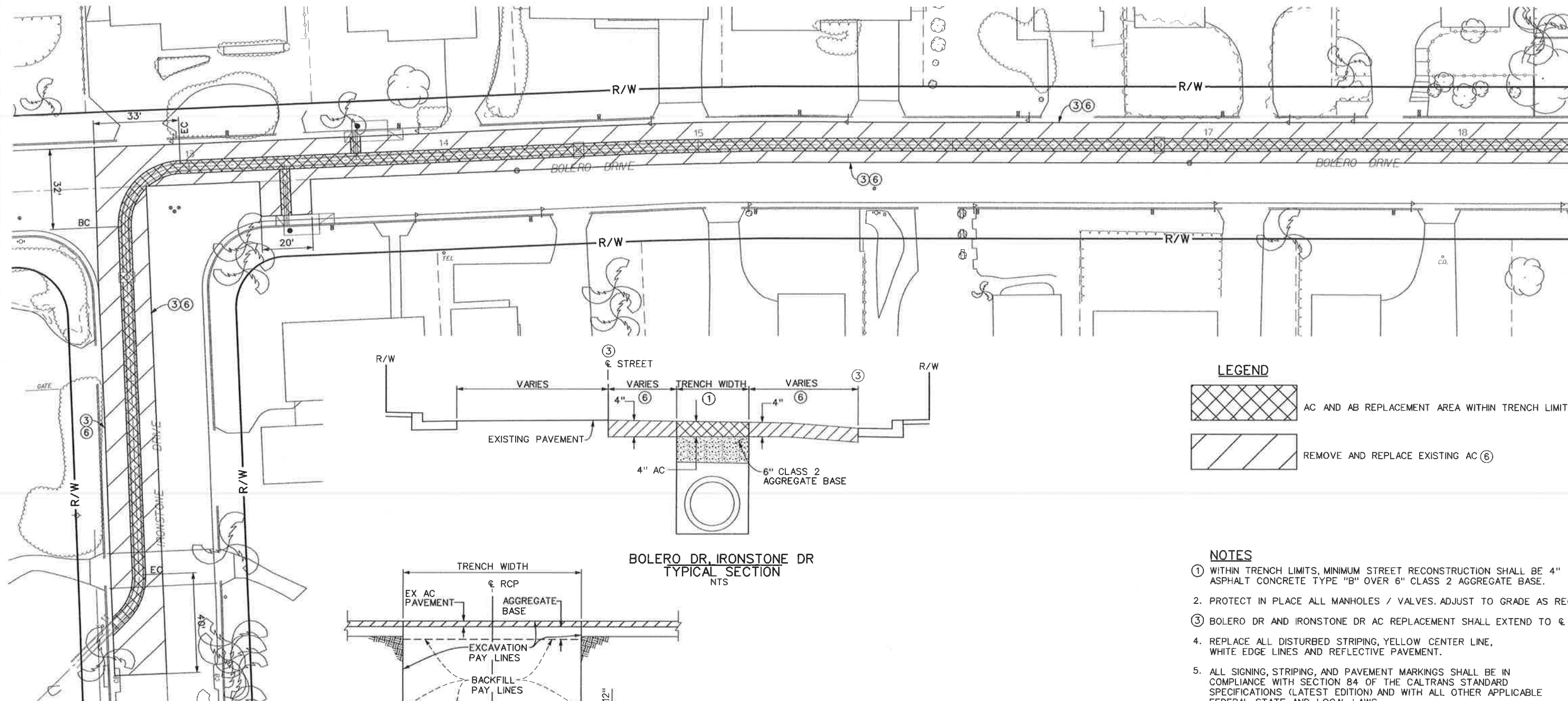
SEE PLAN AND PROFILE SHEET 2

NOTES

- CONSTRUCT PERVIOUS PAVEMENT (GRASSCRETE OR APPROVED EQUIVALENT).
- CONSTRUCT PIPE CULVERT HEADWALL AND WING WALLS TYPE A PER CALTRANS STD D90 AND DETAILS HEREON.
- HEADWALL AND WING WALLS SHALL BE CONSTRUCTED UTILIZING A ARCHITECTURAL CONCRETE FORM LINER ON THE EXPOSED FACE WITH A STONE PATTERN IN ACCORDANCE WITH THE SPECIFICATIONS. ADDITIONAL THICKNESS OF THE STRUCTURES MAY BE REQUIRED BASED ON THE LINER AND PATTERN.
- GRADE AREA SURROUNDING STRUCTURE BACK TO ORIGINAL.
- INSTALL 3' CABLE RAILING PER CALTRANS STD B11-47.
- PROTECT IN PLACE EXISTING GOLF COURSE IRRIGATION SYSTEM OR REPLACE IN KIND AS NEEDED.
- PROTECT EXISTING 12" PVC OR REPLACE IN KIND AS NEEDED.
- REFER TO SHEET 2 AND SPECIFICATIONS FOR ROCK SLOPE PROTECTION DETAILS.

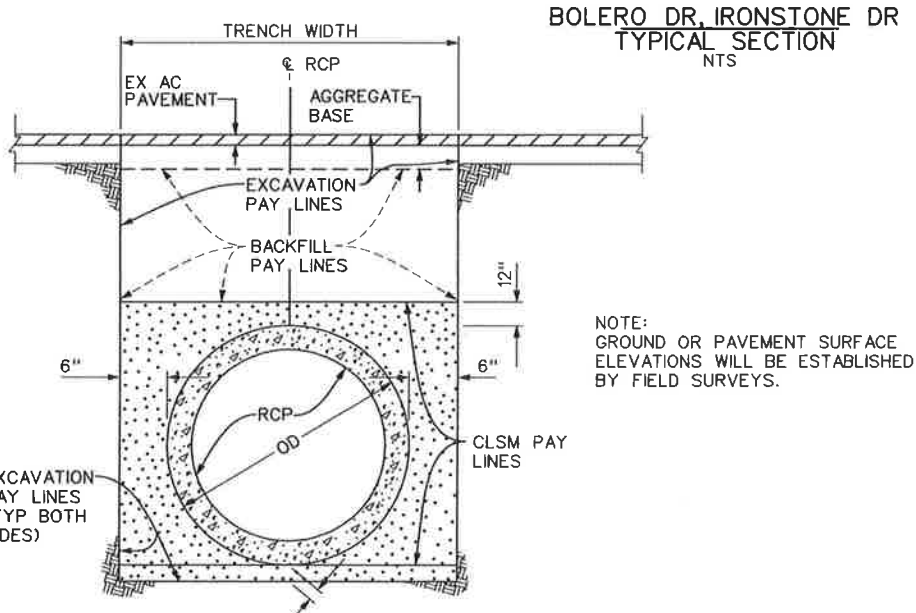


COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT APPROVED BY: <i>[Signature]</i> DEPUTY DIRECTOR OF TRANSPORTATION DATE: 9/21/10	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		PROJECT NO. 1-0-0 DRAWING NO. 1-6 SHEET NO. 9 OF
	DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010	RECOMMENDED FOR APPROVAL BY: <i>[Signature]</i> DATE: 9/1/10	APPROVED BY: <i>[Signature]</i> DATE: 1-Sept-2010	

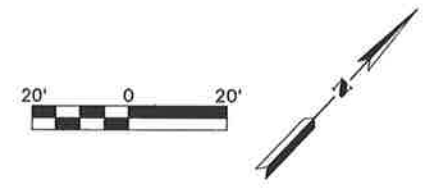


LEGEND

- AC AND AB REPLACEMENT AREA WITHIN TRENCH LIMITS
- REMOVE AND REPLACE EXISTING AC (6)



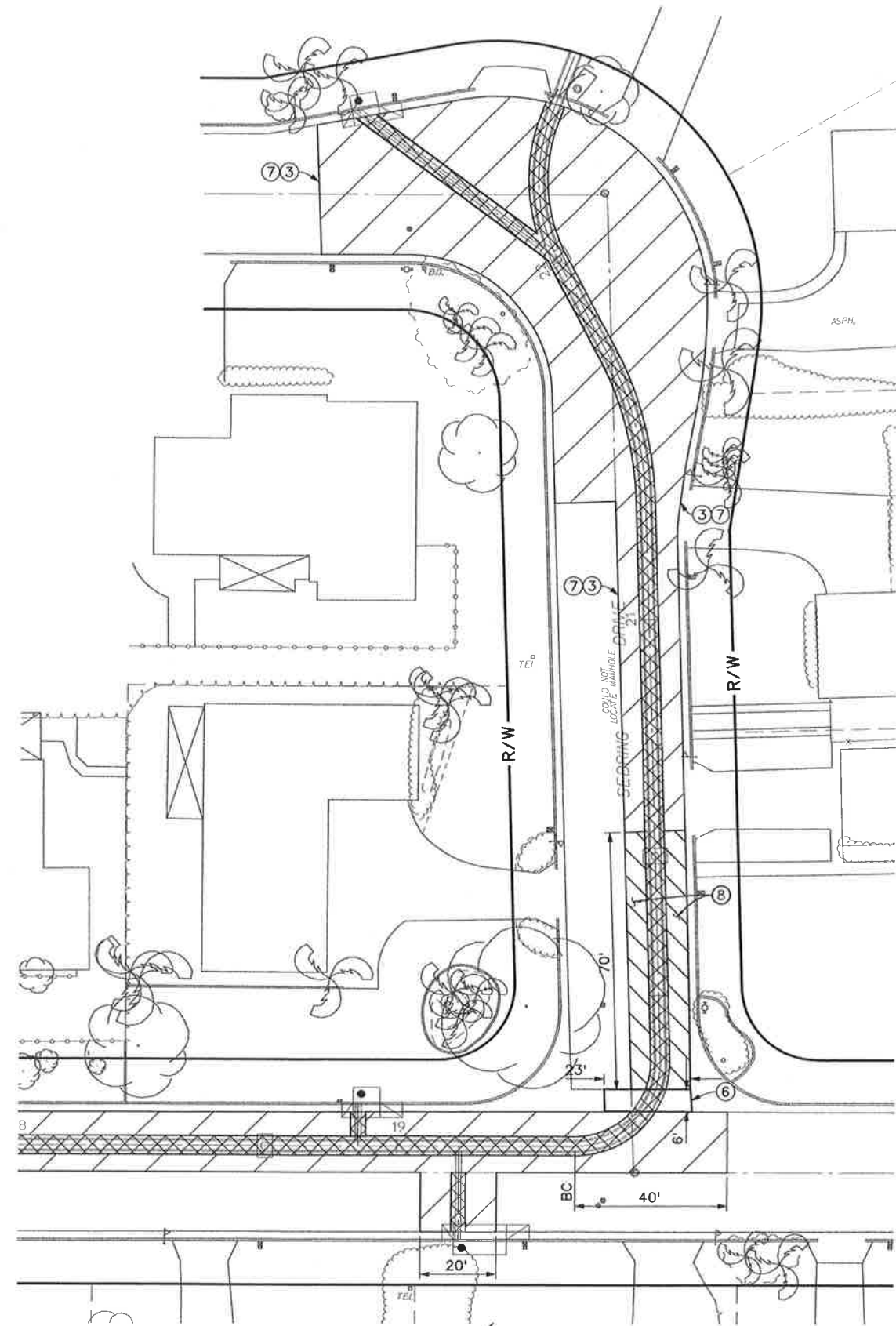
- NOTES**
- WITHIN TRENCH LIMITS, MINIMUM STREET RECONSTRUCTION SHALL BE 4" ASPHALT CONCRETE TYPE "B" OVER 6" CLASS 2 AGGREGATE BASE.
 - PROTECT IN PLACE ALL MANHOLES / VALVES. ADJUST TO GRADE AS REQ.
 - BOLERO DR AND IRONSTONE DR AC REPLACEMENT SHALL EXTEND TO (3)
 - REPLACE ALL DISTURBED STRIPING, YELLOW CENTER LINE, WHITE EDGE LINES AND REFLECTIVE PAVEMENT.
 - ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH SECTION 84 OF THE CALTRANS STANDARD SPECIFICATIONS (LATEST EDITION) AND WITH ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
 - SAW CUT AND REMOVE EXISTING ASPHALT CONCRETE. TRIM AND RECOMPACT SUBGRADE AND INSTALL 4" ASPHALT CONCRETE TYPE "B".



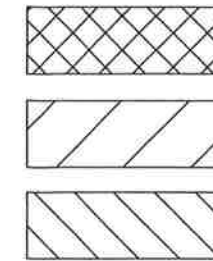
RCP BEDDING & PAY LINES
NTS



COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT APPROVED BY: <i>[Signature]</i> DEPUTY DIRECTOR OF TRANSPORTATION DATE: 9/21/10		REVISIONS REF. DESCRIPTION APPR. DATE	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010	RECOMMENDED FOR APPROVAL BY: <i>[Signature]</i> DATE: 9/11/10	APPROVED BY: <i>[Signature]</i> DATE: 1-Sept-2010	PEDLEY HILLS BOLERO DR STORM DRAIN STAGE 1 STREET IMPROVEMENT PLAN	PROJ 1- DRAW SHEET 1
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LEGEND



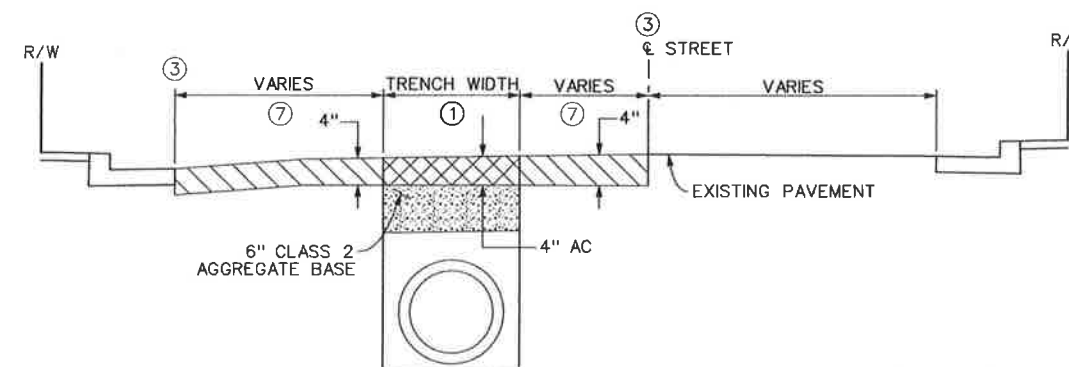
AC AND AB REPLACEMENT AREA WITHIN TRENCH LIMITS

REMOVE AND REPLACE EXISTING AC (7)

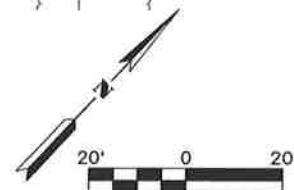
REMOVE AND REPLACE EXISTING AC AND AB (8)

NOTES

- ① WITHIN TRENCH LIMITS, MINIMUM STREET RECONSTRUCTION SHALL BE 4" ASPHALT CONCRETE TYPE "B" OVER 6" CLASS 2 AGGREGATE BASE.
2. PROTECT IN PLACE ALL MANHOLES / VALVES. ADJUST TO GRADE AS REQUIRED.
- ③ SEBRING DR AC REPLACEMENT SHALL EXTEND TO ϵ OF STREET.
4. REPLACE ALL DISTURBED STRIPING, YELLOW CENTER LINE, WHITE EDGE LINES AND REFLECTIVE PAVEMENT MARKERS.
5. ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH SECTION 84 OF THE CALTRANS STANDARD SPECIFICATIONS (LATEST EDITION) AND WITH ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
- ⑥ REPLACE EXISTING CROSS GUTTER PER RCTD STD 209.
- ⑦ SAW CUT AND REMOVE EXISTING ASPHALT CONCRETE. TRIM AND RECOMPACT SUBGRADE AND INSTALL 4" ASPHALT CONCRETE TYPE "B".
- ⑧ SAW CUT AND REMOVE EXISTING ASPHALT CONCRETE AND AGGREGATE BASE. INSTALL 4" ASPHALT CONCRETE TYPE "B" OVER 6" CLASS 2 AGGREGATE BASE.



**BOLERO DR, SEBRING DR
TYP SECTION
NTS**



COUNTY OF RIVERSIDE
TRANSPORTATION DEPARTMENT
APPROVED BY: *[Signature]*
DEPUTY DIRECTOR OF TRANSPORTATION
DATE: 9/21/10

REF.	DESCRIPTION	APPR.	DATE

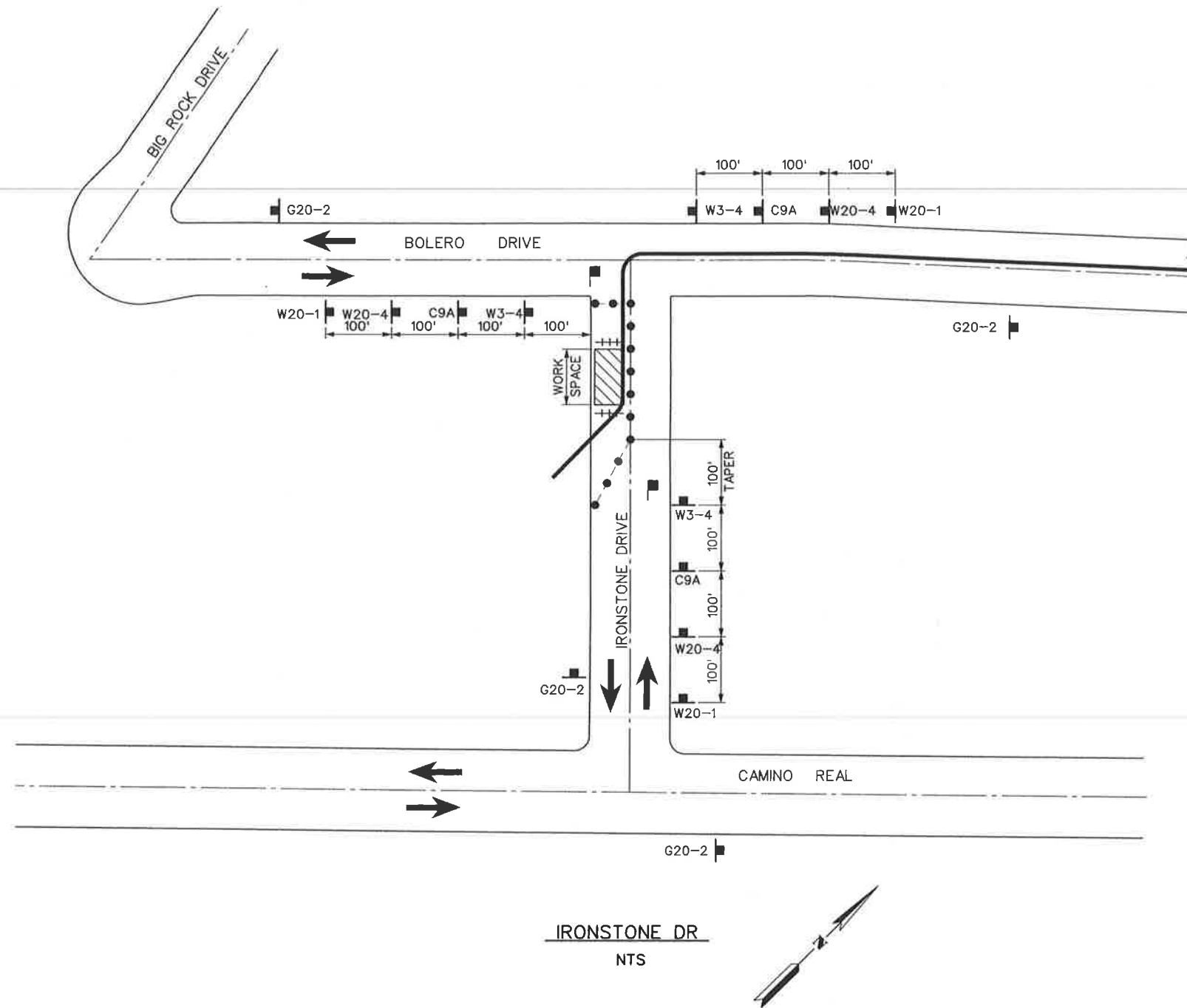
DESIGNED BY: K. AMIN, D.H.
DRAWN BY: T. DECKER
DATE DRAWN: JUNE 2010

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT
RECOMMENDED FOR APPROVAL BY: *[Signature]*
DATE: 9/1/10

APPROVED BY: *[Signature]*
DATE: 1-Sept-2010

**PEDLEY HILLS BOLERO DR
STORM DRAIN
STAGE 1
STREET IMPROVEMENT PLAN**

PROJ. 1
DRAW. 1
SHEET



LEGEND

- CONE
- CONSTRUCTION SIGN
- FLAGGER
- +++ TYPE III BARRICADE
- ← DIRECTION OF TRAVEL
- ▨ CONSTRUCTION AREA

C9A (CA) FLAGGER SYMBOL
 G20-2 END ROAD WORK
 W3-4 BE PREPARED TO STOP
 W20-1 ROAD WORK AHEAD
 W20-4 ONE LANE CLOSED AHEAD

NOTES

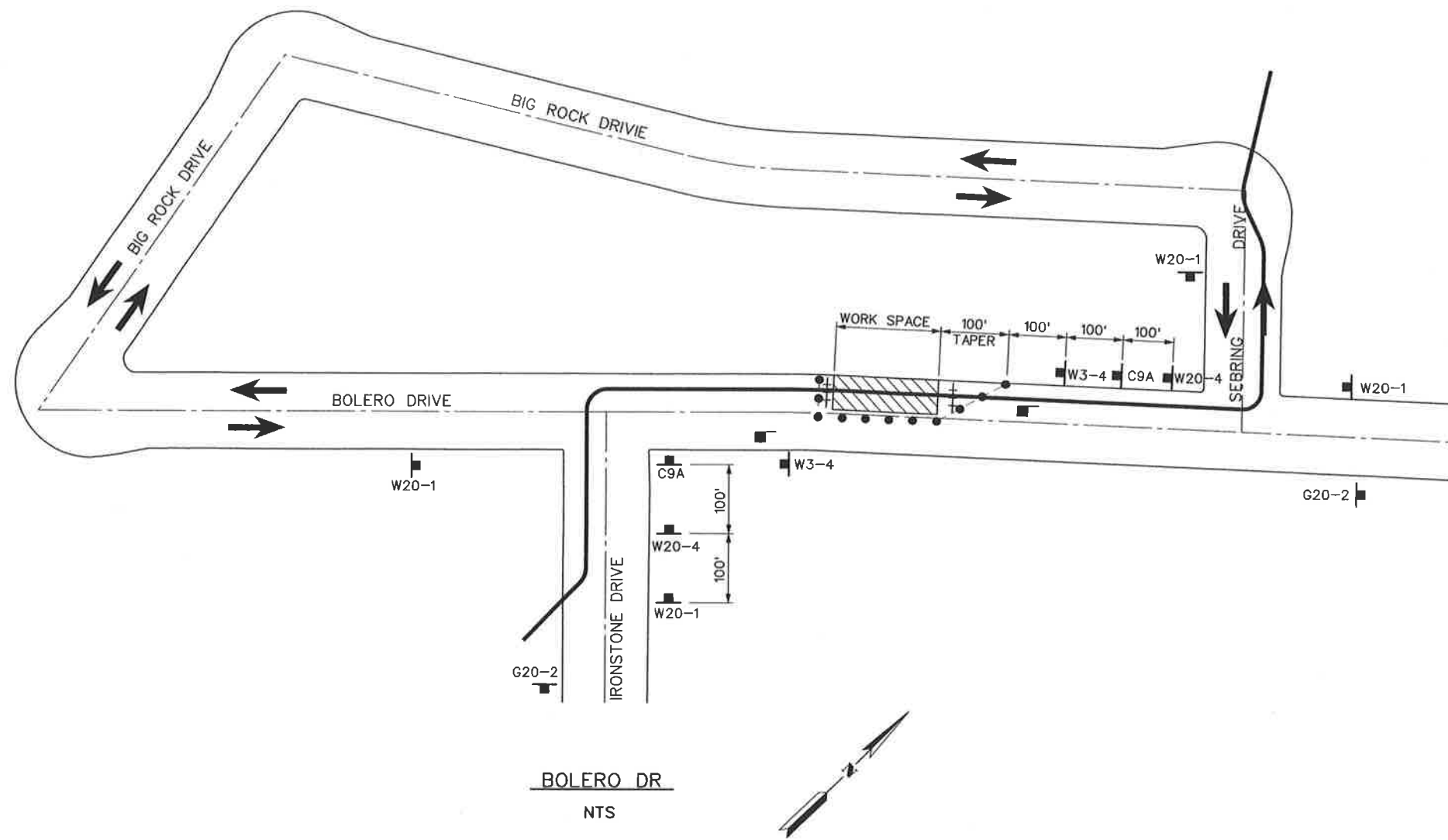
1. THESE ARE THE MINIMUM TRAFFIC CONTROL REQUIREMENTS. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY THE ENGINEER OR RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT.
2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2010 AND THE MUTCD 2010 CALIFORNIA SUPPLEMENT, LATEST ADDITION AND WITH ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES.
3. SPECIAL CONSTRUCTION SIGNS SHALL BE MANUFACTURED USING MINIMUM 3" UPPER CASE BLACK LETTERS AND A BLACK BORDER ON AN ORANGE REFLECTIVE BACKGROUND.
4. FLASHING YELLOW BEACONS, TYPE B, SHALL ILLUMINATE ALL W20-1 SIGNS AND TYPE III BARRICADES USED AT THE WORK AREA DURING HOURS OF DARKNESS.
5. ALL TRENCHES SHALL BE BACK FILLED OR PLATED AT THE END OF EACH WORK DAY.
6. PRIVATE PROPERTY AND EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
7. SPECIAL CONSTRUCTION SIGNS SHALL BE POSTED A MINIMUM OF 1 WEEK PRIOR TO CLOSING THE ROADWAY.



COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
APPROVED BY: DEPUTY DIRECTOR OF TRANSPORTATION DATE: 9/21/10	DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010	RECOMMENDED FOR APPROVAL BY: DATE: 9/1/10 APPROVED BY: DATE: 1-Sept-2010
REF.	DESCRIPTION	APPR. DATE

**PEDLEY HILLS BOLERO DR
STORM DRAIN**
 STAGE 1
 IRONSTONE DR DETOUR

PROJ. 1
 DRAW.
 SHEET



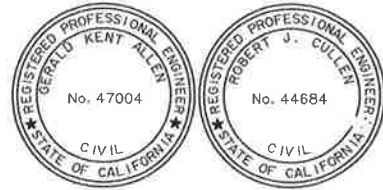
LEGEND

- CONE
- CONSTRUCTION SIGN
- FLAGGER
- +++ TYPE III BARRICADE
- ← DIRECTION OF TRAVEL
- ▨ CONSTRUCTION AREA

C9A (CA) FLAGGER SYMBOL
 G20-2 END ROAD WORK
 W3-4 BE PREPARED TO STOP
 W20-1 ROAD WORK AHEAD
 W20-4 ONE LANE CLOSED AHEAD

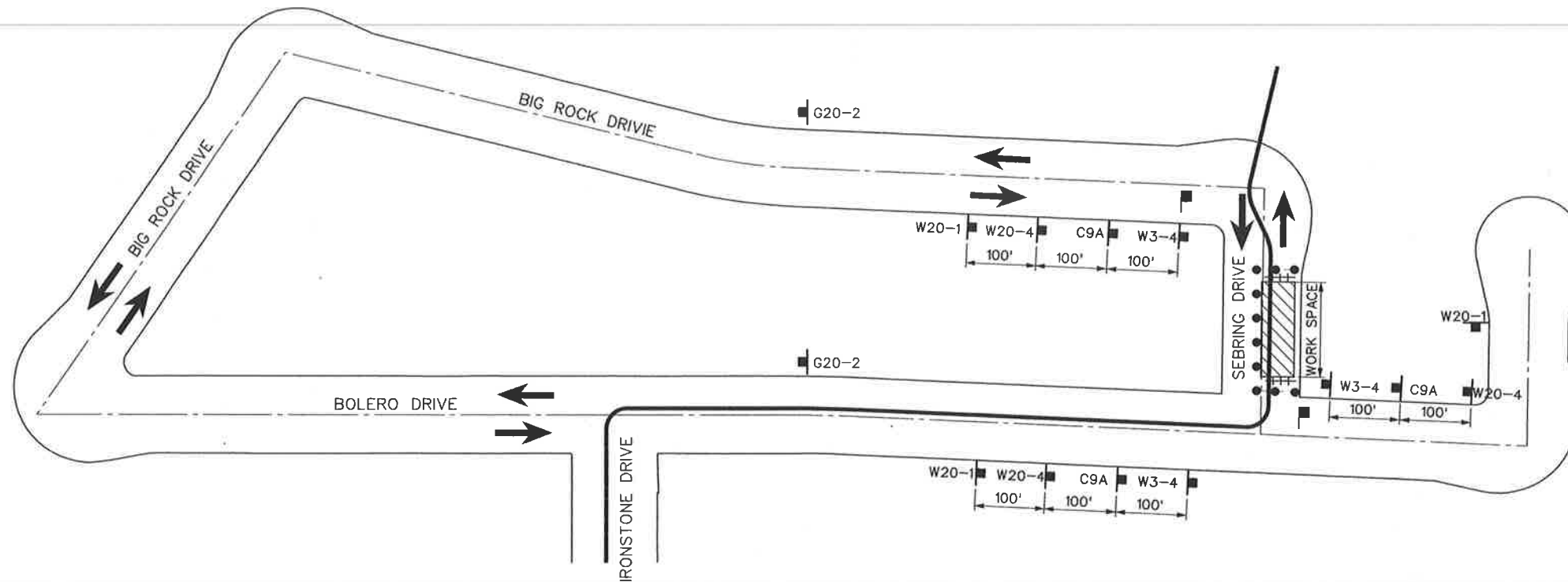
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COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT APPROVED BY: DEPUTY DIRECTOR OF TRANSPORTATION DATE: 9/21/10	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">REF.</th> <th style="width: 65%;">DESCRIPTION</th> <th style="width: 10%;">APPR.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REF.	DESCRIPTION	APPR.	DATE													RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT DESIGNED BY: K. AMIN, D.H. DRAWN BY: T. DECKER DATE DRAWN: JUNE 2010 RECOMMENDED FOR APPROVAL BY: DATE: 9/11/10 APPROVED BY: DATE: 1-5 Sep -2010	PEDLEY HILLS BOLERO DR STORM DRAIN STAGE 1 BOLERO DR DETOUR
REF.	DESCRIPTION	APPR.	DATE																

LEGEND	
	CONSTRUCTION SIGNS
	TYPE III BARRICADE
	DIRECTION OF TRAVEL
	CONSTRUCTION AREA
	TYPE K RAILING
C9A (CA)	FLAGGER SYMBOL
G20-2	END ROAD WORK
W3-4	BE PREPARED TO STOP
W20-1	ROAD WORK AHEAD
W20-4	ONE LANE CLOSED AHEAD

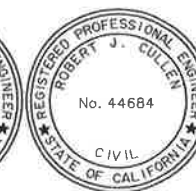


SEBRING DR CLOSURE
NTS



NOTES

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COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT		REVISIONS		RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY:		DESIGNED BY: K. AMIN, D.H.		RECOMMENDED FOR APPROVAL BY:	
		DRAWN BY: T. DECKER			
DEPUTY DIRECTOR OF TRANSPORTATION		DATE DRAWN: JUNE 2010		DATE: 9/1/10	
DATE: 9/21/10		REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY:	
DATE: 1-30-2010	

**PEDLEY HILLS BOLERO DR
STORM DRAIN**
STAGE 1
SEBRING DR DETOUR

PROJ. 1
DRAW
SHEET