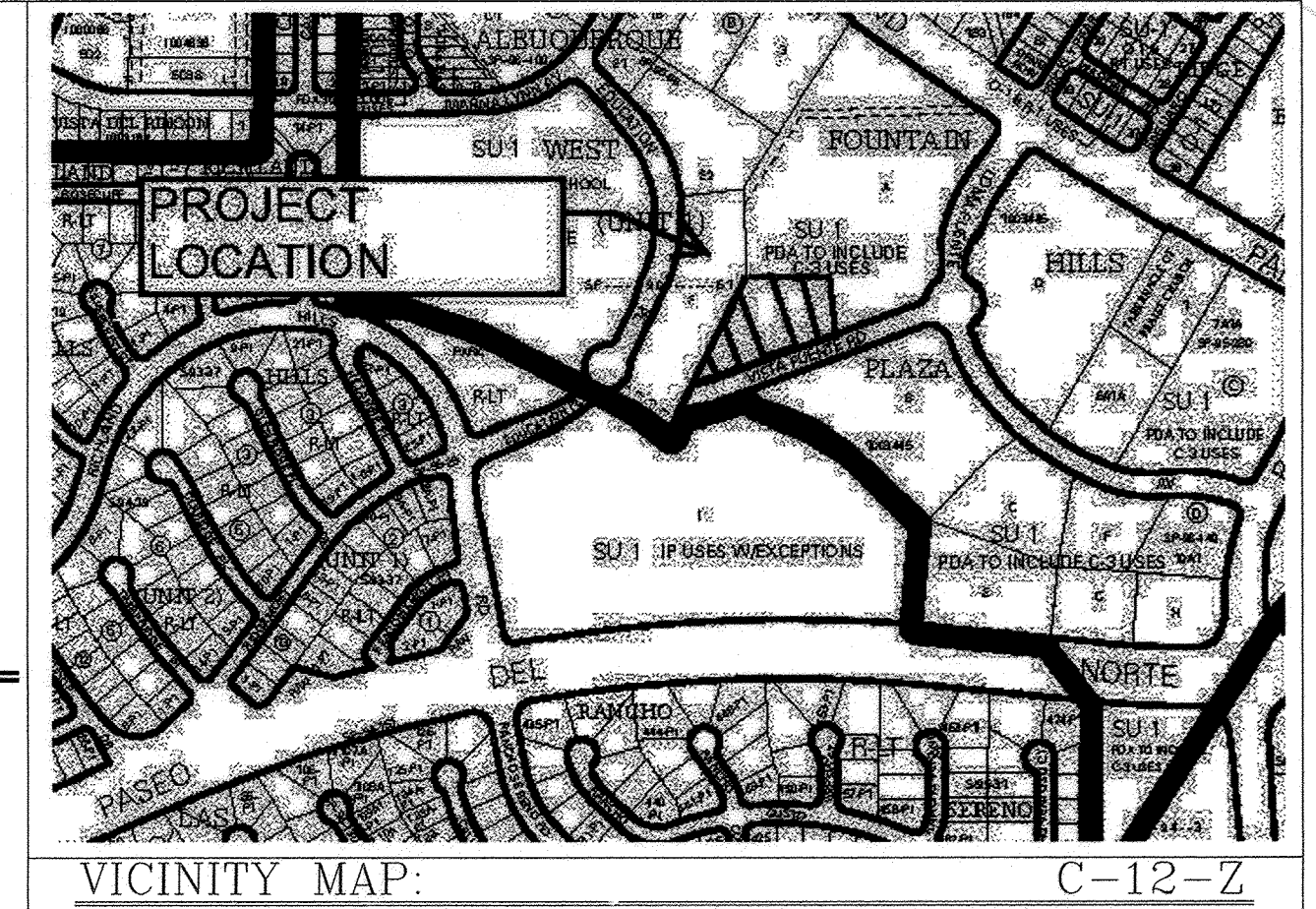
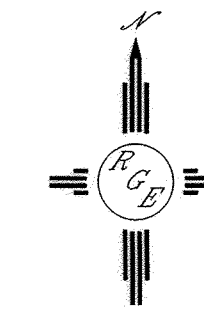




RECORD
DRAWING

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTIONS
CITY CONSTRUCTION ENGINEER
DATE: 12/15/2016



CONSTRUCTION PLANS FOR VISTA FUENTE RD

UTILITY & PAVING IMPROVEMENTS

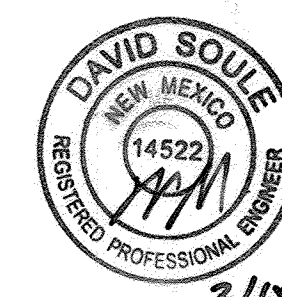
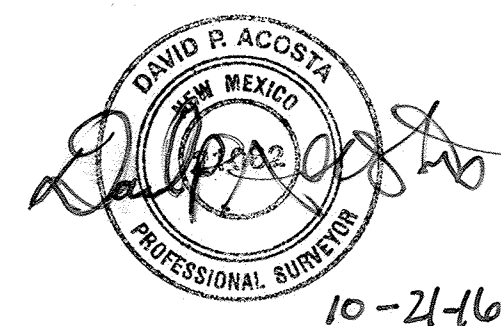
ABCWUA / CITY OF ALBUQUERQUE
NEW MEXICO
FEBRUARY 2015

INDEX TO DRAWINGS

- TITLE SHEET
- PLAT
- GRADING AND DRAINAGE PLAN (FOR REFERENCE ONLY)
- VISTA FUENTE ROAD PAVING IMPROVEMENTS
- VISTA FUENTE ROAD UTILITY IMPROVEMENTS
- DETAILS

SURVEYOR'S CERTIFICATE

I, DAVID P. ACOSTA, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21082, DO HEREBY CERTIFY THAT THIS AS-BUILT WAS BASED ON AN ACTUAL GROUND SURVEY BY ME OR UNDER MY DIRECT SUPERVISION THAT THIS AS-BUILT SURVEY WAS PERFORMED IN THE MONTH OF OCTOBER 2016 THAT IT MEETS ALL REQUIREMENTS LISTED UNDER THE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR SURVEYING ISSUED BY THE ENGINEER OF RECORD AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

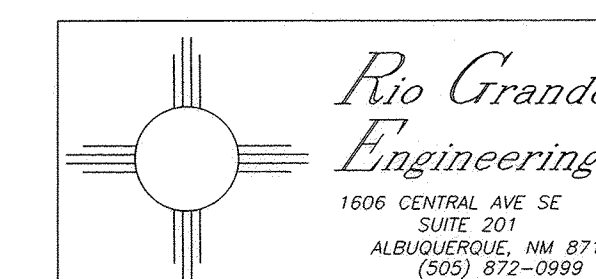


CERTIFICATE OF SUBSTANTIAL COMPLIANCE

I, DAVID SOULE, NMPE 14522, OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY DAVID ACOSTA NMPS 21082.

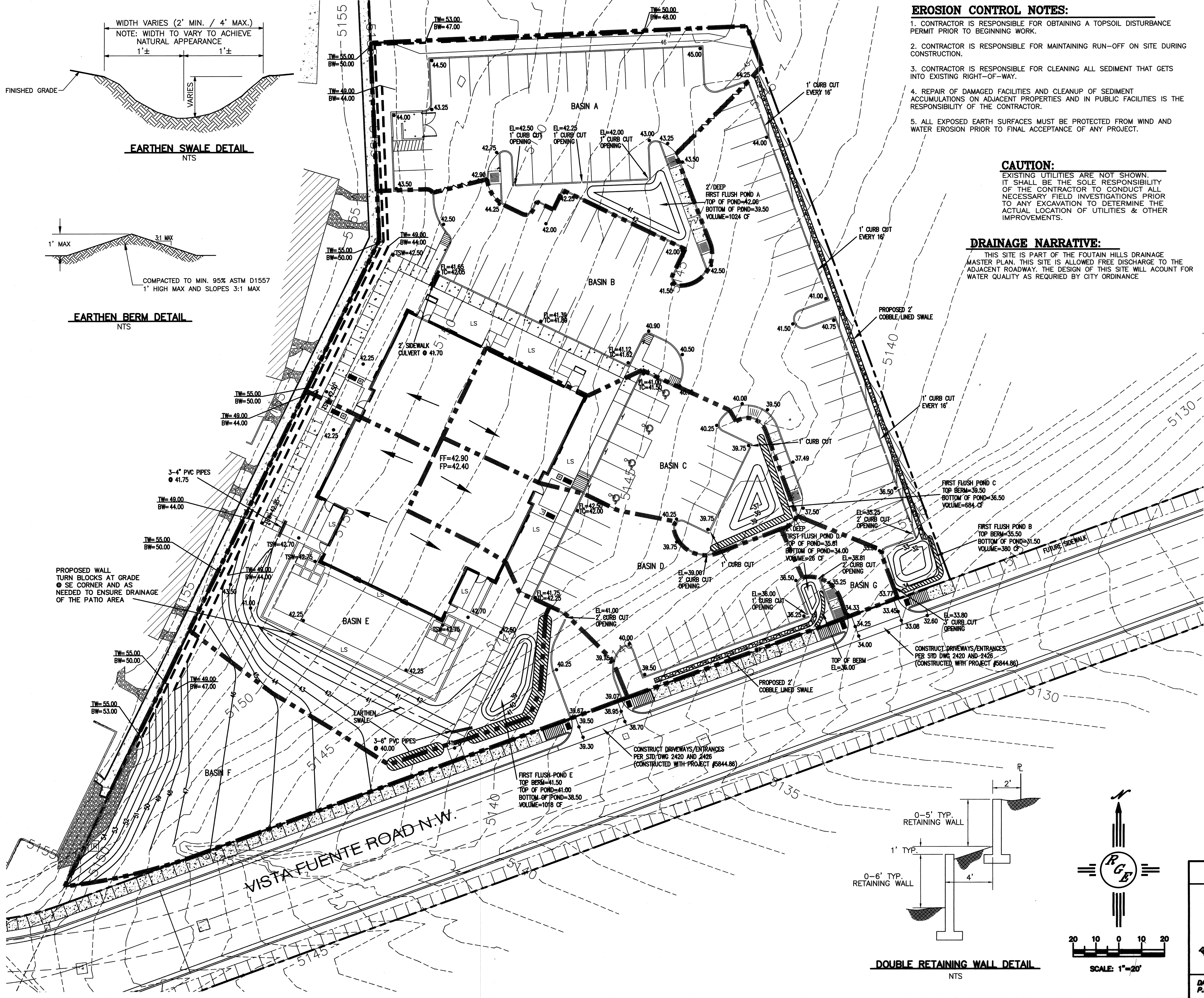
NOTICE TO CONTRACTORS

- ALL UTILITY WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #8, INCLUDING ADMENDMENT #1)
- ALL ROAD IMPROVEMENTS AND RELATED WORK DETAILED ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #8, INCLUDING ADMENDMENT #1)
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO DMD CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE COA DMO CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE CONTRACTORS EXPENSE.
- DEVELOPER SHALL PROVIDE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING FOR PRIVATE STREETS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIAL.
- CONTRACTOR SHALL REPLACE ALL PERMANENT PAVING STRIPING AND MARKINGS (INCLUDING IMPACTED EX. MARKINGS) THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS, INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MUTCD.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.
- WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS THE EXISTING PAVEMENT SHALL BE SAW CUT TO A STRAIGHT LINE. AT RIGHT ANGLES AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO PAVING, THEREFORE, NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.



REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>[Signature]</i>	5-6-15	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	05-4-15			
		Hydrology	<i>[Signature]</i>	5-4-15			
		Bernalillo County	<i>[Signature]</i>				
		Constr. Mngmt.	<i>[Signature]</i>				
		Constr. Coord.	<i>[Signature]</i>				
		Water/Wastewater	<i>[Signature]</i>	5-4-15			
CITY PROJECT NO.				5844.86	SHEET 1 OF 6		

DRB#1003445



EROSION CONTROL NOTES:

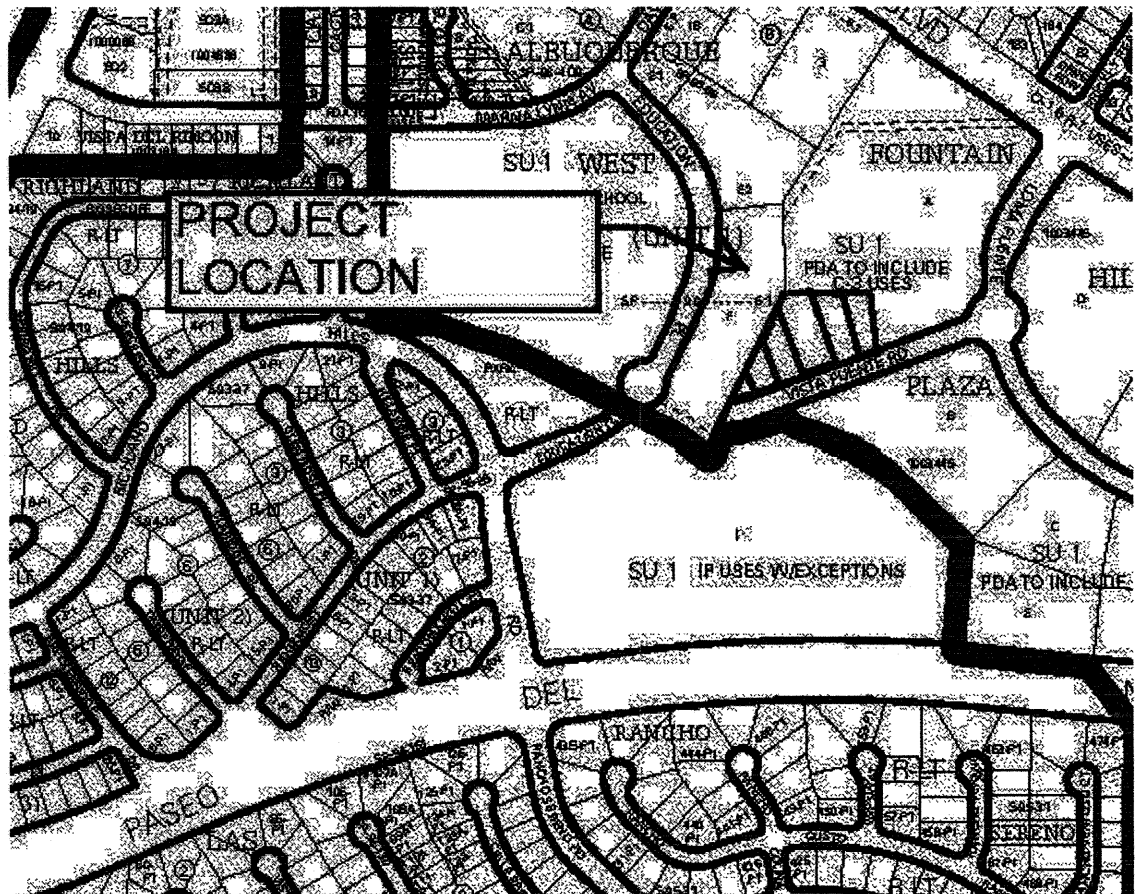
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

DRAINAGE NARRATIVE:

THIS SITE IS PART OF THE FOUNTAIN HILLS DRAINAGE MASTER PLAN. THIS SITE IS ALLOWED FREE DISCHARGE TO THE ADJACENT ROADWAY. THE DESIGN OF THIS SITE WILL ACCOUNT FOR WATER QUALITY AS REQUIRED BY CITY ORDINANCE



VICINITY MAP:

C-12-Z



FIRM MAP:

35001C0116G

LEGAL DESCRIPTION:

LOT 1A FOUNTAIN HILLS
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. SITE IS PART OF THE FOUNTAIN HILLS MASTER DRAINAGE PLAN. THE REGIONAL POND WILL BE MODIFIED BY THE EXTENSION OF THE DISCHARGE PIPE OUTFALL TO RETAIN THE FIRST .34" OF STORM RUNOFF FROM ENTIRE DEVELOPMENT TO CONFORM TO THE WATER QUALITY REQUIREMENTS

LEGEND

- 46.00 PROPOSED SPOT ELEVATION
- 44.00 TOP OF WALL ELEVATION
- 5601 BOTTOM OF WALL ELEVATION
- 5601 EXISTING CONTOUR
- 5600 EXISTING INDEX CONTOUR
- 5601 PROPOSED CONTOUR
- 5600 PROPOSED INDEX CONTOUR
- LOT LINE
- CENTERLINE
- RIGHT-OF-WAY
- PROPOSED RETAINING WALL
- PROPOSED ROCK FACE WALL
- EXISTING CURB AND GUTTER
- PROPOSED EDGE OF CONCRETE
- PROPOSED FLOWLINE
- EXISTING WALL
- PROPOSED BASIN BOUNDARY

I DAVID SOULE, HAVE PERSONALLY INSPECTED THE PROPERTY ON X-XX-13. NO EARTHWORK HAS BEEN PERFORMED AND THE SITE IS CONSISTENT WITH THE TOPO SHOWN.

DAVID SOULE P.E. #14522

DATE

ENGINEER'S SEAL

NOAH'S EVENT CENTER

DRAWN BY DEM

GRADING AND DRAINAGE PLAN

DATE 4-2015

Rio Grande Engineering
1606 CENTRAL AVENUE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

SHEET # 3 of 6

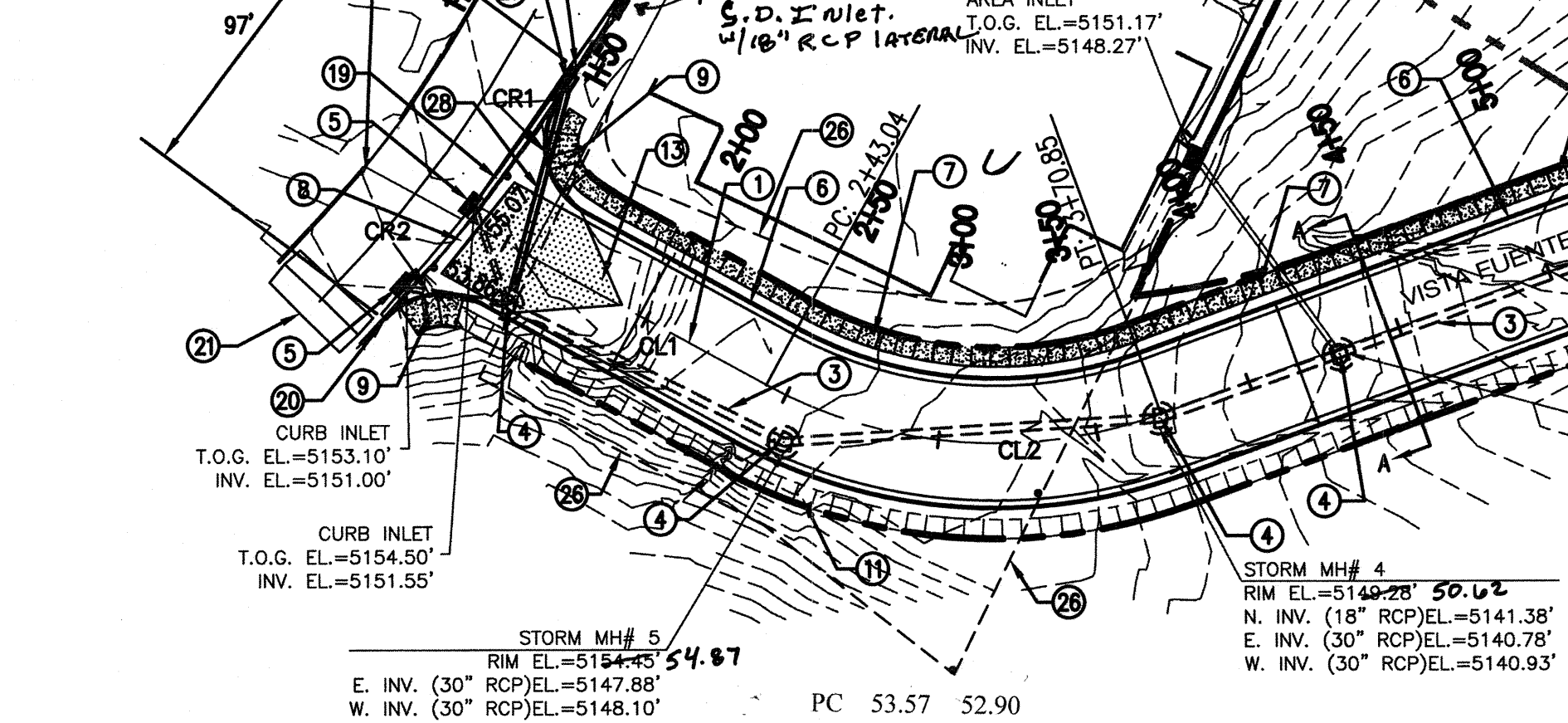
JOB # 5844.86

DAVID SOULE
P.E. #14522

Future top of curbs, approximate

Station	Top of curb	Existing grade	Existing grade
	r/w (right)	r/w (left)	
2+00	55.6	54.0	56.0
2+50	55.9	52.0	55.0
3+00	53.2	52.0	53.5
3+50	50.3	50.5	site
4+00	47.0	47.5	site
4+50	44.3	46.0	site
5+00	42.6	44.0	site
5+50	41.4	41.0	site
6+00	40.1	39.2	site
6+50	38.5	37.0	site
7+00	36.4	35.0	site
7+50	34.4	33.2	site
8+00	32.3	31.0	site
8+50	30.2	29.2	29.5
9+00	28.2	27.5	27.5
9+50	26.1	25.8	25.5
10+00	24.0	24.5	24.5

BEGIN STATION
STA. 1+00.00
N=1522817.172
E=151292.631



CR1	TC	FL	STATION @ FL
PC	55.95	55.29	1+67.68, 20.00' LT.
1	55.48	55.18	1/4 ARC
2	55.08	55.08	1/2 ARC
3	56.08	55.68	3/4 ARC
PT	56.95	56.28	1+42.77, 47.05' LT.

PC	56.06	55.39
1	55.78	55.38
2	55.51	55.51
3	56.01	55.63
PT	56.69	56.02

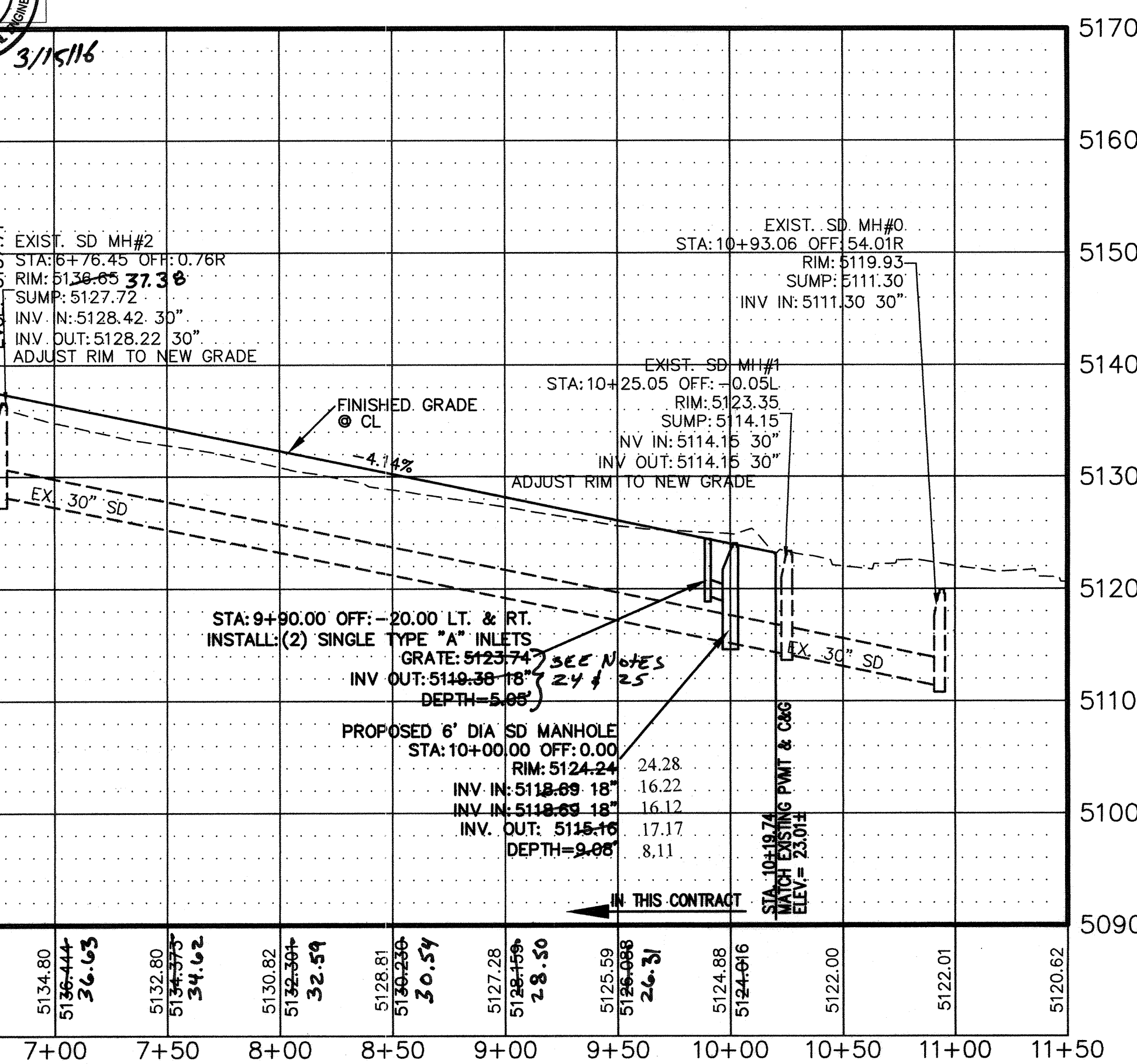
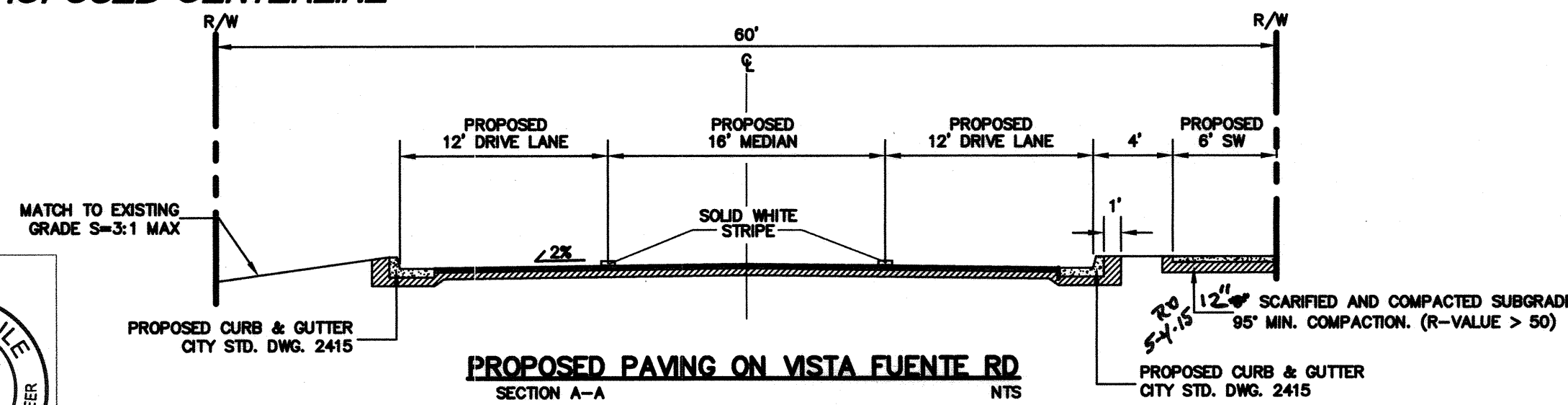
CR2	TC	FL	STATION @ FL
PC	53.30	52.63	1+28.67, 38.96' RT.
1	53.53	53.13	1/4 ARC
2	53.88	53.88	1/2 ARC
3	54.52	54.12	3/4 ARC
PT	55.02	54.35	1+52.30, 20.00' RT.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE
I, DAVID SOULE, NMPE 14522, OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY DAVID ACOSTA NMPS 21082.



GENERAL NOTE:

ALL VALVES, FIRE HYDRANTS AND MANHOLE RIMS TO BE ADJUSTED TO NEW GRADE.
ALL CATCH BASIN SHALL HAVE GRATES PER COA STD DWG 2220.



DATUM ELEV
5090.000

CURVE DATA TABLE

CURVE #	DELTA	RADIUS	TAN	LENGTH
CR1	94°41'52"	25.00	36.77	41.32
CR2	75°39'38"	25.00	30.67	33.01

CENTERLINE CURVE DATA

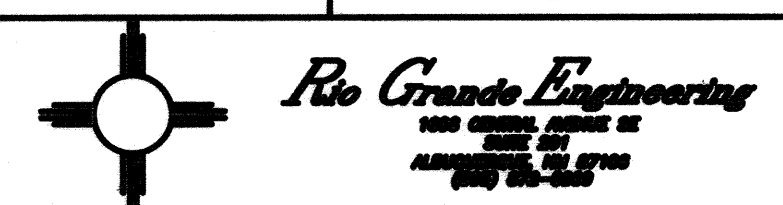
CURVE #	DELTA	RADIUS	TAN	LENGTH
CL2	58° 41' 28"	150'	123.98'	127.81'

CENTERLINE TANGENT DATA

CURVE #	DELTA	LENGTH
CL1	S 61° 16' 49" E	143.04'
CL3	N 69° 53' 54" E	791.90'

KEYED NOTES

- PROPOSED CENTER LINE
- EXISTING CURB AND GUTTER, MATCH EXISTING C&G
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MANHOLE TO REMAIN
- EXISTING STORM DRAIN INLETS AND EXISTING SD TO BE REMOVED AND DISPOSED
- PROPOSED STANDARD C&G PER COA STD DWG 2415
- PROPOSED 6" SIDEWALK PER COA STD DWG 2430
- PROPOSED 6" VALLEY GUTTER PER COA STD DWG 2420
- PROPOSED WHEEL CHAIR RAMP (W/TRUNCATED DOMES SEE DETAIL SHEET 6) PER COA STD DWG 2441
- STA. 10+12.54' 0.00 MATCH TO EXISTING PAVEMENT REMOVE CUT OFF WALL - SAWCUT & PROVIDE SMOOTH TIE IN
- FUTURE 6" SIDEWALK TO BE CONSTRUCTED WITH DEVELOPMENT OF JOINT VENTURA DEVELOPMENT PROJECT NO. 1003445 (PHASE 2 OF JOINT VENTURA DEVELOPMENT PROJECT NO. 1003445)
- STA. 8+00.83' 24.00' LT. END OF PROPOSED 6" SIDEWALK
- STA. 1+39.52' TO STA. 1+89.52 CROWN TRANSITION
- DIRECTIONAL HANDICAP RAMP W/TRUNCATED DOMES PER COA STD DWG 2426 SEE DETAIL SHEET 6
- INSTALL WHITE CROSS WALK MARKINGS SEE DETAIL SHEET 6
- STA. 9+91.36 TO STA. 10+10.88 BUILD 56" LF OF MEDIAN CURB AND GUTTER SEE DETAIL SHEET 6
- NOT USED
- FILLET VALLEY GUTTER AND HANDICAP RAMP PER COA STD DWG 2426
- REMOVE AND DISPOSE 97 LF OF EXISTING CURB AND GUTTER OUT NEAR LINE ALONG LIP OF CURB FOR VALLEY GUTTER
- MATCH TO EXISTING GRADE
- EXISTING SPEED HUMP TO REMAIN
- PROPOSED 22 LF OF 18" SD S=3.09%
- PROPOSED 22 LF OF 18" SD S=3.09%
- STA. 9+90.00, 20.00' RT. INSTALL TYPE "A" INLET - PER STD DWG 2201 & 2202 GRATE= 5123.74 18" INV. (OUT)=5119.38 G=2.3.45
- STA. 9+90.00, 20.00' LT. INSTALL TYPE "A" INLET - PER STD DWG 2201 & 2202 GRATE= 5123.74 18" INV. (OUT)=5119.38 G=2.3.66
- STA. 10+00.00, 0.00 INSTALL (1)-6" DIA STORM DRAIN MANHOLE PER STD DWG 2201 & 2202 INV. 30" (N)=5115.20 17.17 INV. 30" (OUT)=5118.16 17.17 INV. 18" LT & RT=5118.69 16.17 DEPTH= 9.68 8.11
- EXISTING ACCESS EASEMENT PER PLAT PER PLAT
- STA. 1+42.77, 47.05' LT. INSTALL TYPE "A" INLET - PER STD DWG 2201 & 2202 GRATE= 5126.28 56.37 INV. 30" (N)=5651.80 53.25
- PROPOSED 73 LF OF 18" SD S=3.09%



**BERNALILLO COUNTY
PUBLIC WORKS DIVISION
ENGINEERING GROUP**

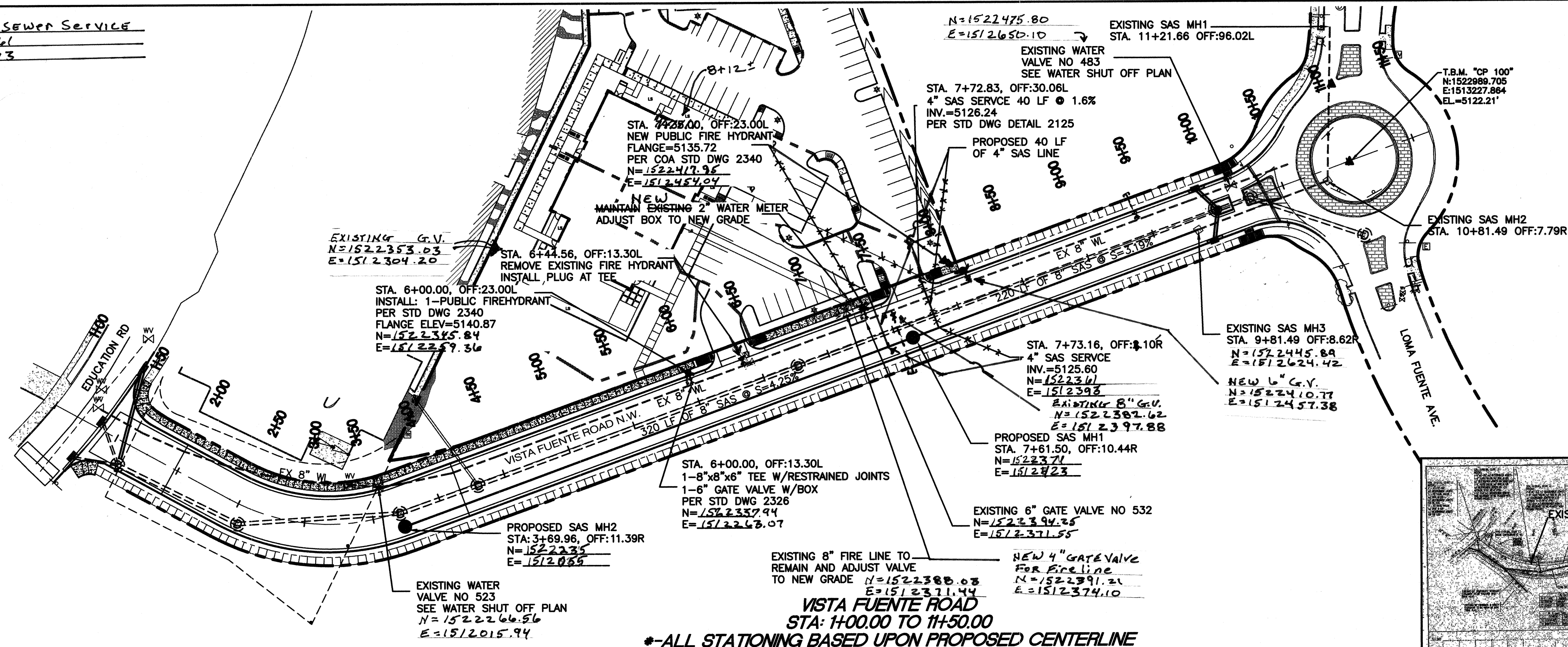
TITLE: **VISTA FUENTE ROAD IMPROVEMENTS
PAVING IMPROVEMENTS
VISTA FUENTE RD**

DESIGN REVIEW COMMITTEE APPROVED MAY 6 2015 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED JUL 2 2015 CITY ENGINEER	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
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CITY PROJECT NO. **5844.86** ZONE MAP NO. **C-12-7** SHEET **4** OF **6**

AS BUILT INFORMATION	CONTRACTOR	DATE	NO.	DATE	NO.
BENCH MARKS	MONUMENT 9-C-12	N=1521648.218	E=1512571.253	ELEV=5127.376	NAD 83-NAVD 88
SURVEY INFORMATION	FIELD NOTES	BY	DATE	NO.	DATE
ENGINEER'S SEAL	DAVID SOULE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER	REVISIONS	DESIGN	DATE: 3-15	DATE: 3-15
REMARKS	DESIGNED BY: DEM DRAWN BY: DEM DRAWN NAME: VISTA FUENTE RD IMPROVEMENTS.dwg CHECKED BY: DS	DATE: 3-15	DATE: 3-15	JOB NO.:	DATE: 3-15

SANITARY SEWER SERVICE
N=1522341
E=1512393

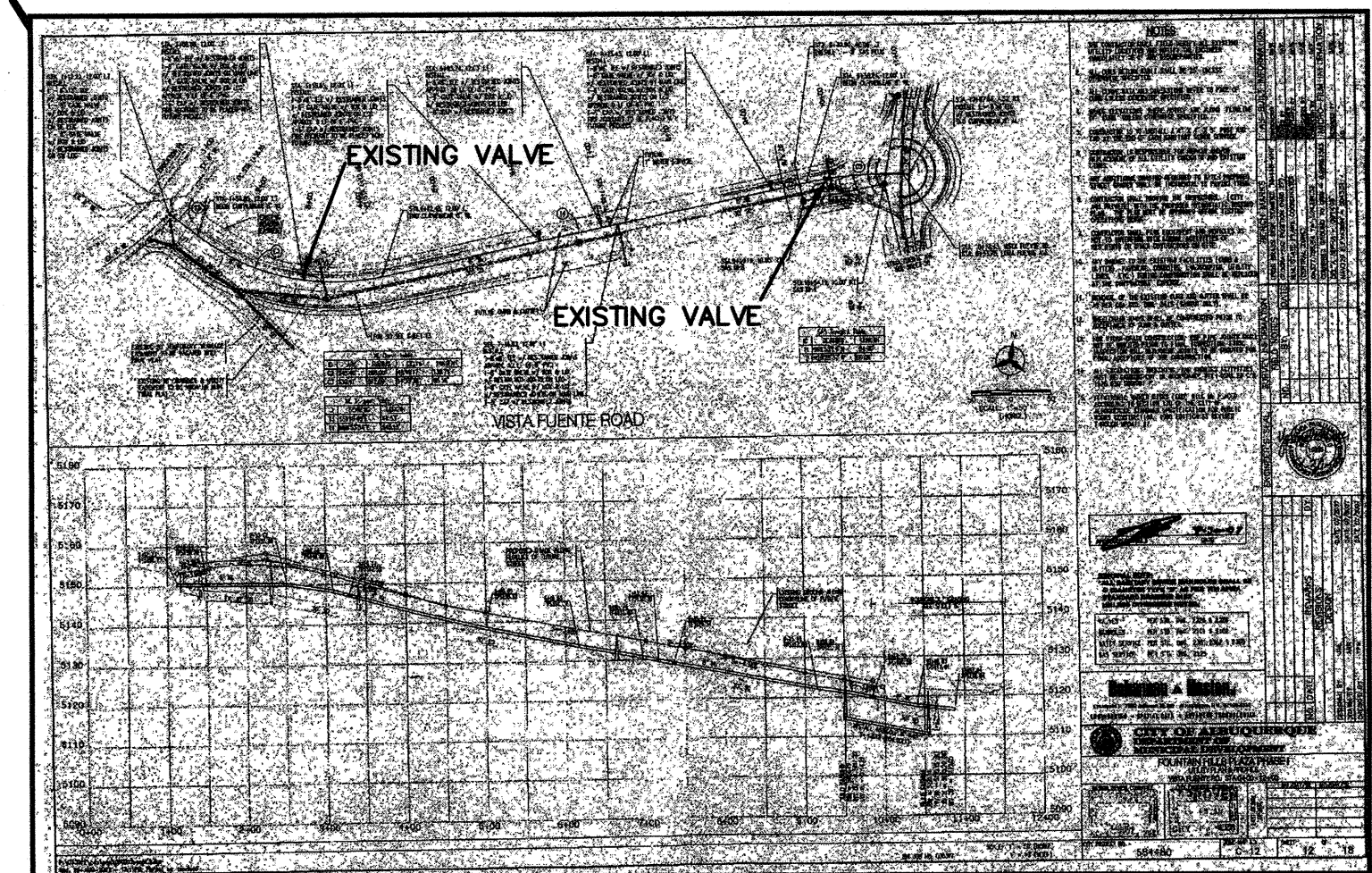


UTILITY NOTES:

- CONTRACTOR RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES PRIOR TO WORK.
- EXISTING 8" WL HAS 3' MIN. COVER
- ALL PROPOSED MANHOLE LIDS TO MATCH WITH PROPOSED PAVEMENT
- CITY STANDARDS TO BE USED ON ALL UTILITIES, UPDATE 8, AMMEDEMENT 1
- DO NOT INSTALL STEPS IN SAS MANHOLES.

LEGEND

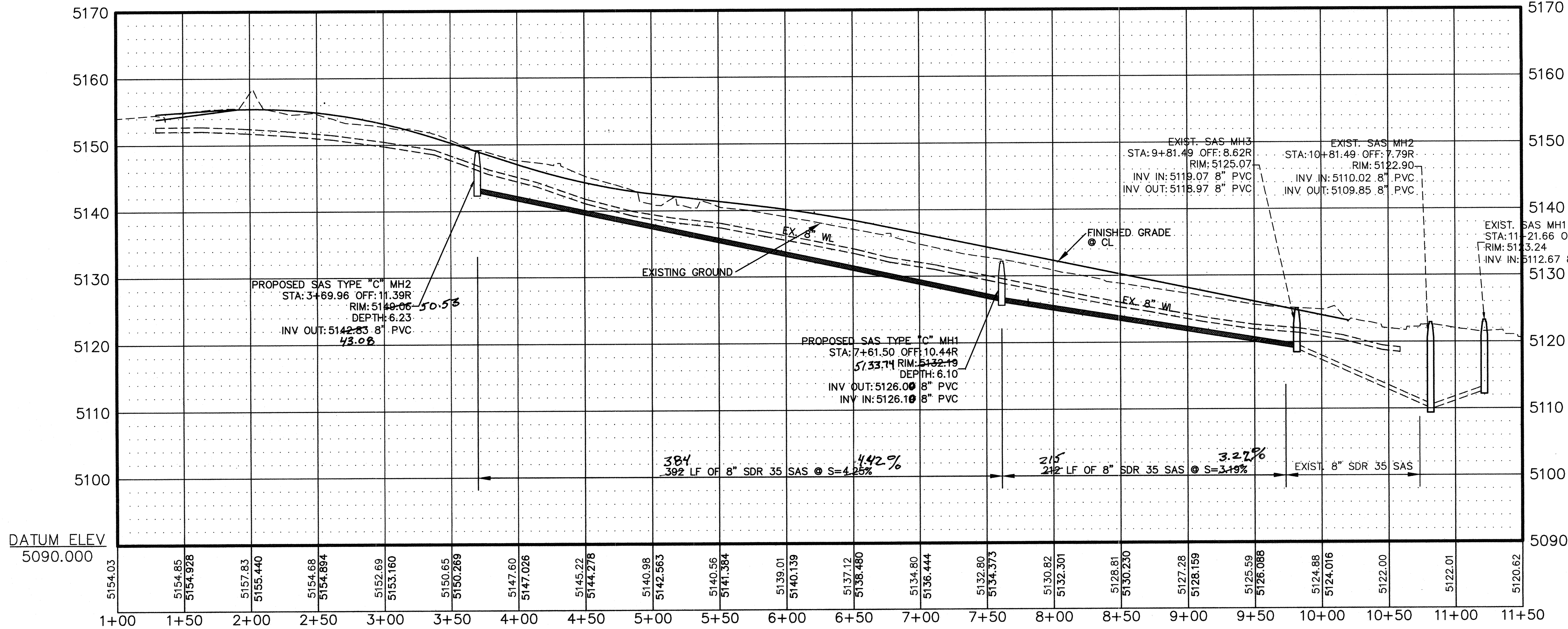
- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING STORM DRAIN MANHOLE
- EXISTING WATER LINE
- EXISTING SAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED SAS MANHOLE
- PROPOSED SAS SERVICE LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE



GENERAL NOTE:

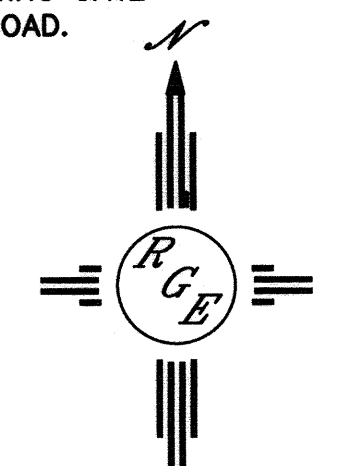
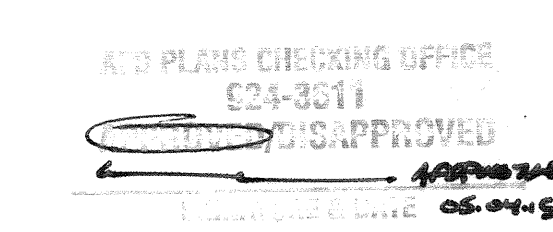
- ALL MANHOLE RIMS, VALVE CANS, FIRE HYDRANTS ECT. AS APPLICABLE BE ADJUSTED TO NEW GRADE. PER STANDARD DRAWINGS 2101, 2326, 2340
- ALL EXISTING UTILITIES TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION. ANY DAMAGE AND REPAIRS SHALL BE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- TIE MANHOLES AND TEE'S TO BENCHMARK - MONUMENT 9-C12

CERTIFICATE OF SUBSTANTIAL COMPLIANCE
I, RICHARD DOURTE, NMPE 10854, OF THE FIRM RHD ENGINEERING, LLC, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY DAVID ACOSTA NMPS 21082.

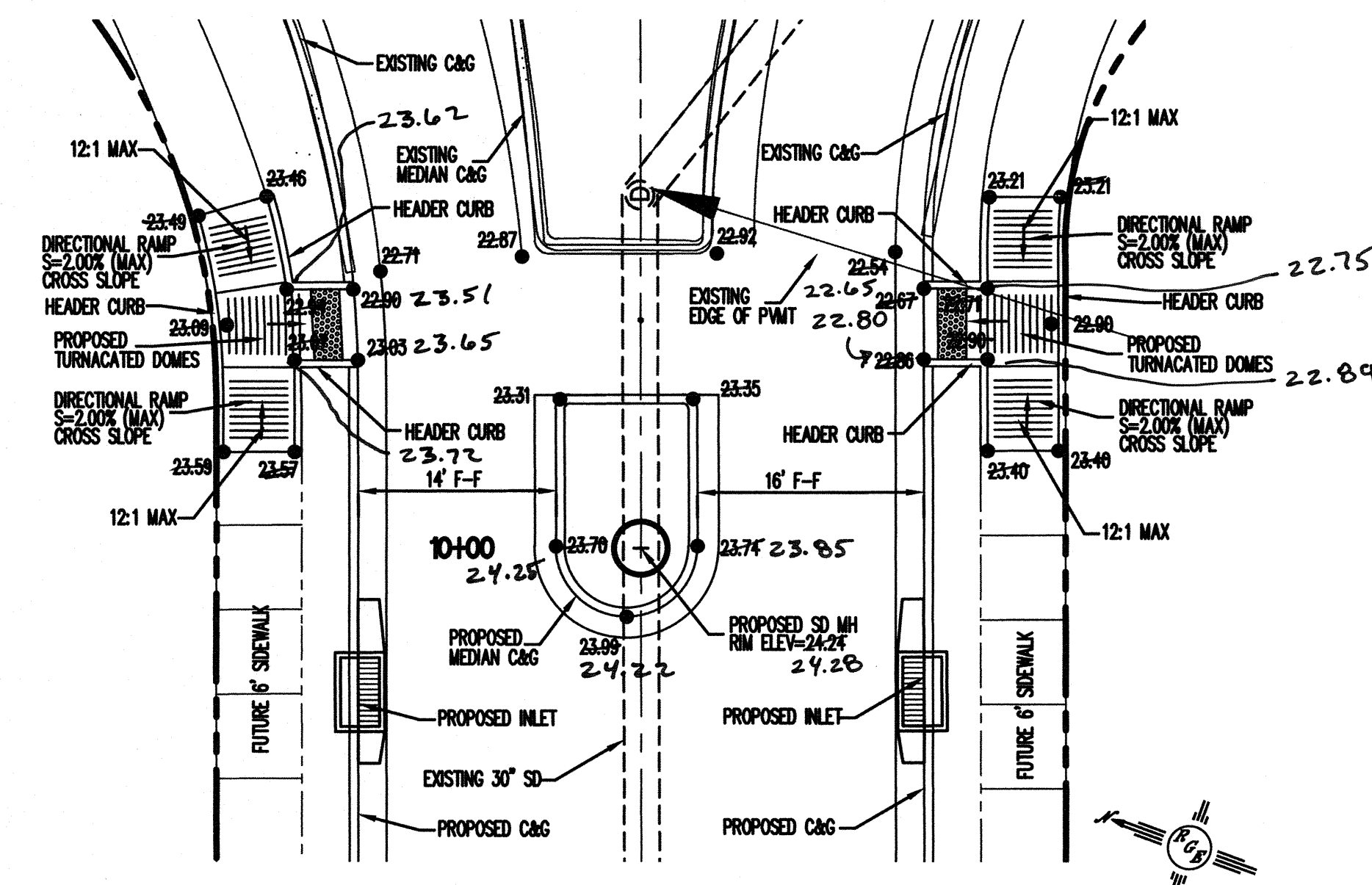


WATER SHUTOFF NOTES:

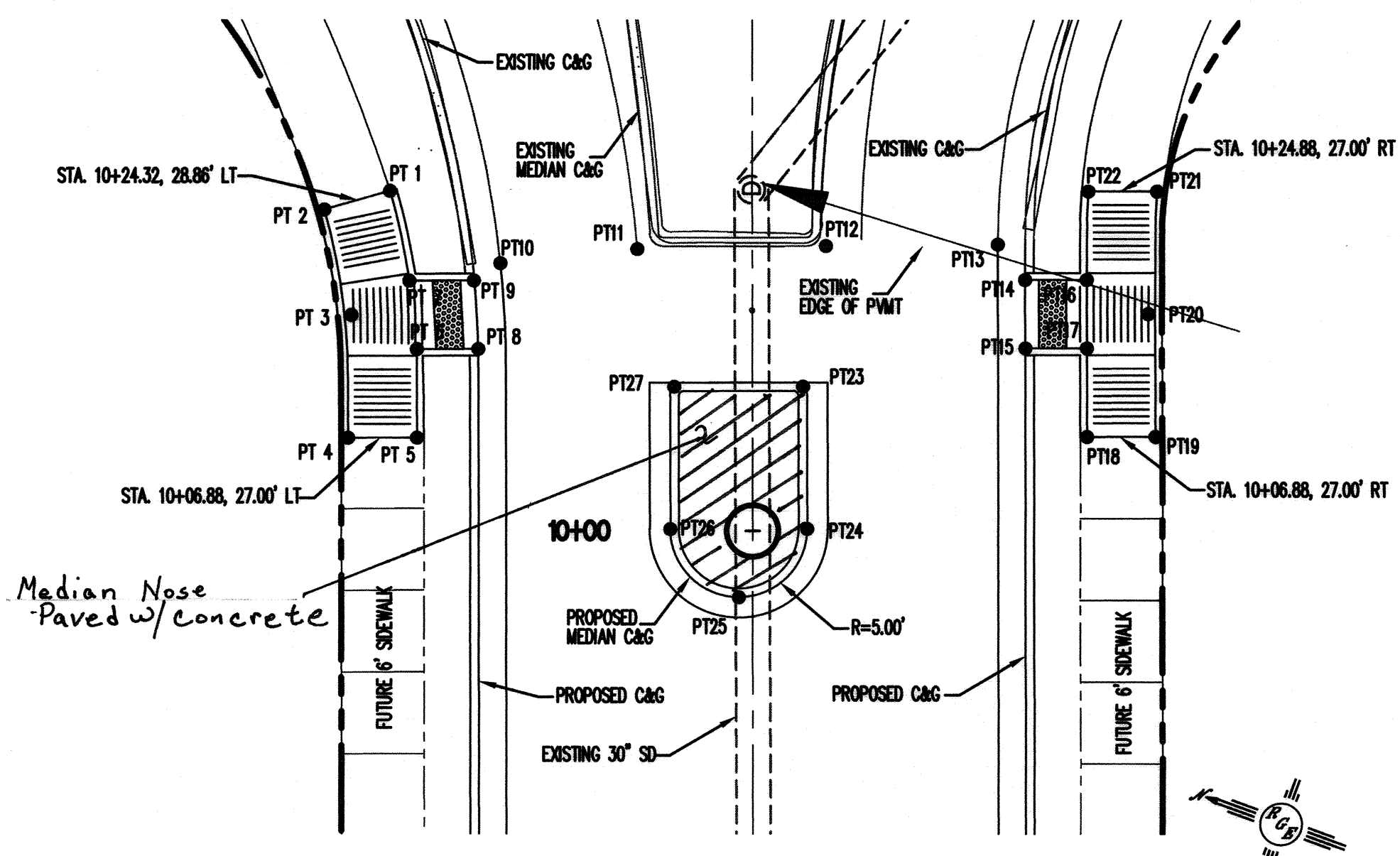
- THE CONTRACTOR SHALL COORDINATE WITH THE WATER UTILITY AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUT OFF REQUEST MUST BE MADE ONLINE AT [HTTP://ABCWUA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEDURES](http://abcwua.org/water_shut_off_and_turn_on_procedures).
- VALVES SHALL BE OPERATED BY ABCWUA EMPLOYEES ONLY.
- EMERGENCY SHUT-OFF PLAN INVOLVES SHUTTING OFF EXISTING GATE VALVES NO. 523 & 483 ON 8" WATER LINE ON VISTA FUENTE ROAD.



Bernalillo County Public Works Division Engineering Group	
TITLE: VISTA FUENTE ROAD IMPROVEMENTS	
UTILITY IMPROVEMENTS VISTA FUENTE RD	
DESIGN REVIEW COMMITTEE APPROVED MAY 6 2015	CITY ENGINEER APPROVAL APPROVED OCT 26 2015 CITY ENGINEER
CITY PROJECT NO. 5844.86	ZONE MAP NO. C-12-Z
SHEET 5	OF 6



HANDICAP RAMPS AND MEDIAN CURB GRADING POINTS
STA: 9+95.14, 1.00' LT. TO 10+10.88, 1.00' LT NTS

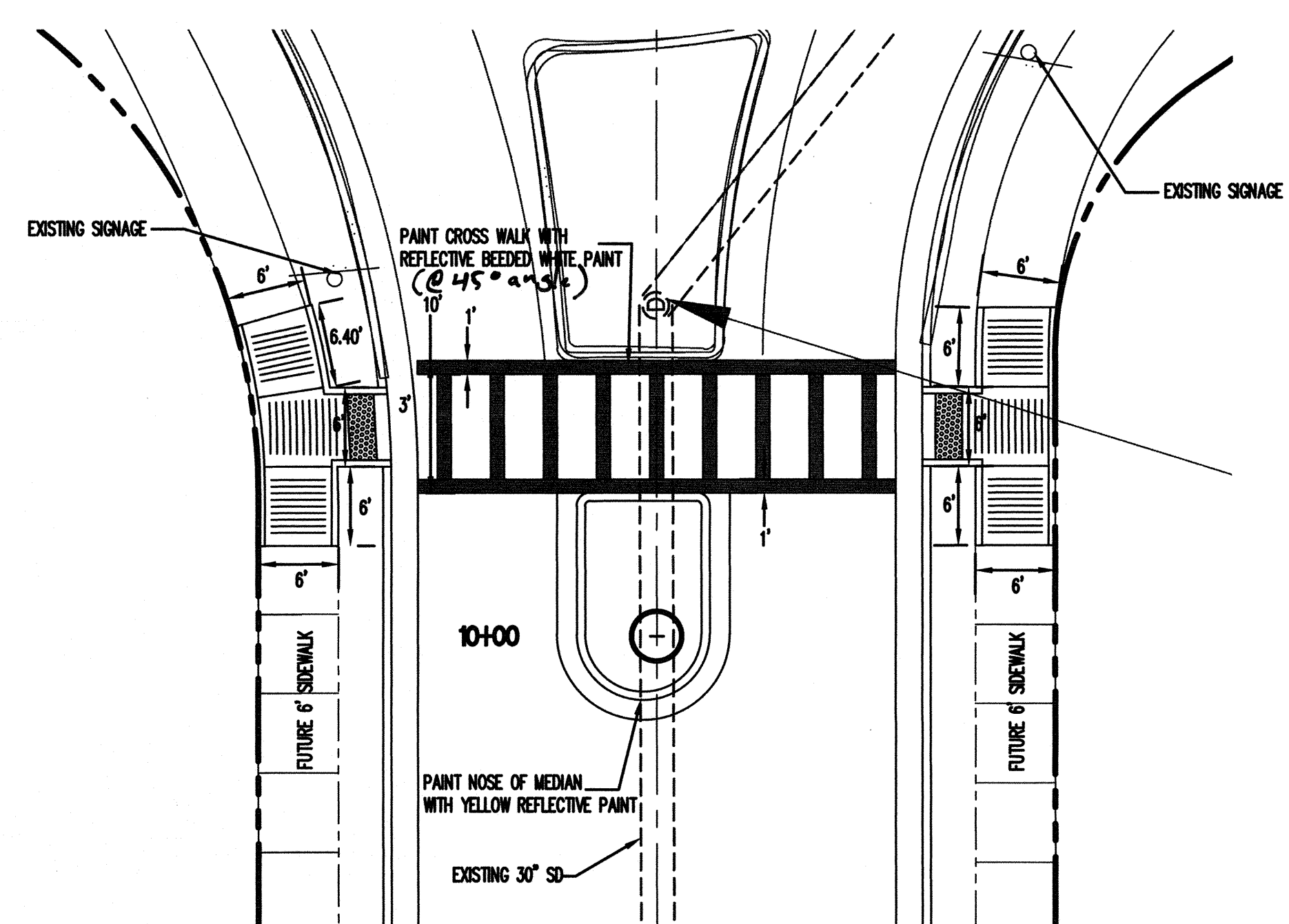


HANDICAP RAMPS AND MEDIAN CURB POINT DATA
STA: 9+95.14, 1.00' LT. TO 10+10.88, 1.00' LT NTS

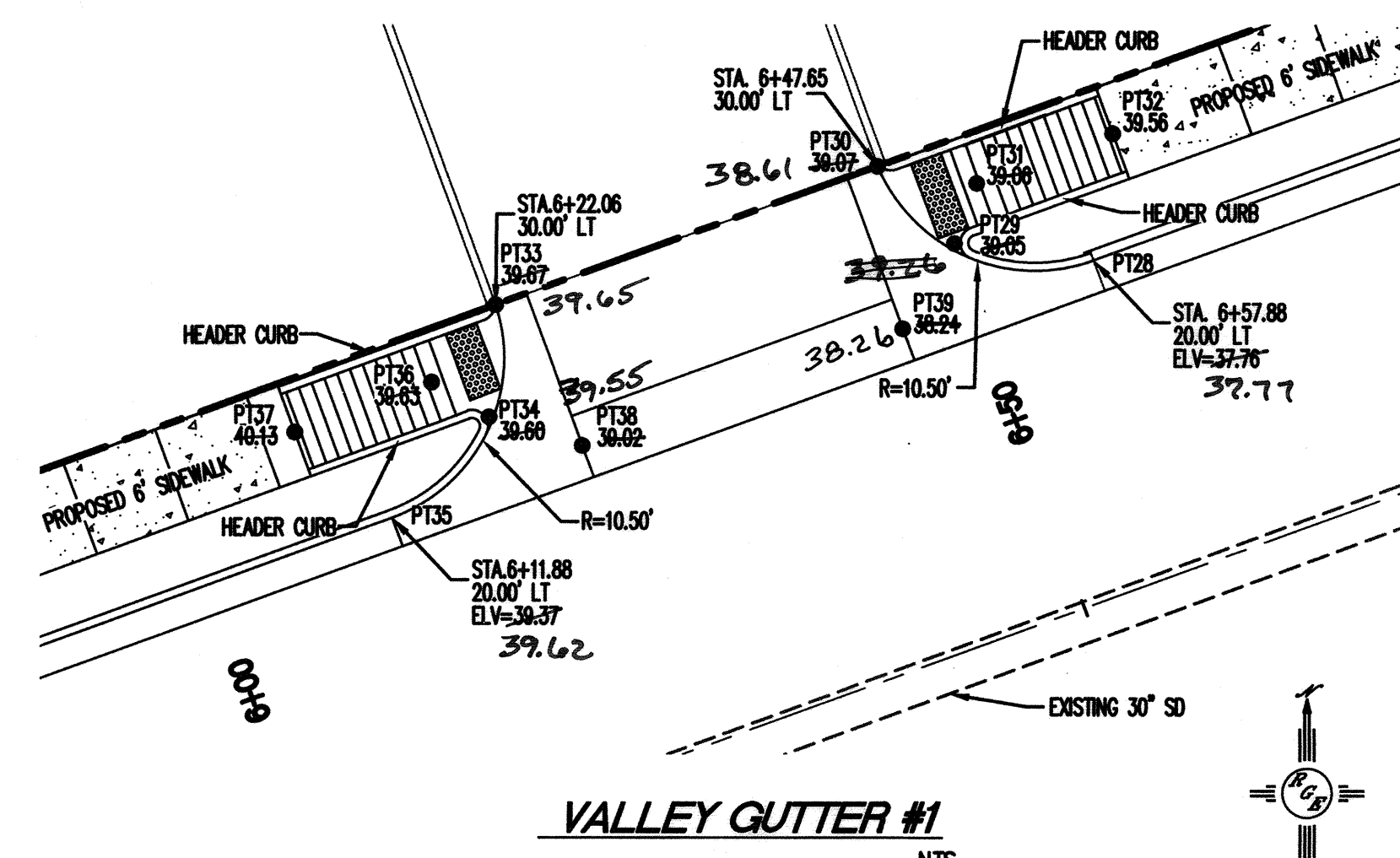
POINT TABLE

PT #	NORTHING	EASTING
PT 1	1522988.7870913	1513146.9157814
PT 2	1522992.8375776	1513143.9787984
PT 3	1522988.2659488	1513137.3054488
PT 4	1522985.4545030	1513128.8411026
PT 5	1522980.7272205	1513130.5712014
PT 6	1522982.9611896	1513136.6752478
PT 7	1522985.1937866	1513141.1624551
PT 8	1522978.7426223	1513138.2191661
PT 9	1522980.7683251	1513142.8021330
PT 10	1522979.3912879	1513144.6643243
PT 11	1522970.3386503	1513140.0713045
PT 12	1522957.4397887	1513154.0135759
PT 13	1522945.6627872	1513158.4249210
PT 14	1522942.8903870	1513156.6647644
PT 15	1522941.1719492	1513151.9693441
PT 16	1522938.9460709	1513158.2113584
PT 17	1522934.7121018	1513153.5159382
PT 18	1522930.0166815	1513147.4118918
PT 19	1522933.5794116	1513149.1303296
PT 20	1522936.0519303	1513157.4102423
PT 21	1522936.0519303	1513166.0891514
PT 22	1522940.7647847	1513164.3643340
PT 23	1522955.5124627	1513143.7469180
PT 24	1522951.6461488	1513134.0348976
PT 25	1522961.0369894	1513127.6210396
PT 26	1522964.3532006	1513130.5880221
PT 27	1522964.3532006	1513140.5113699

NOTE:
1. COORDINATE WITH ENGINEER IF FIELD CONDITIONS REQUIRE MODIFICATION TO THESE DETAILS.
2. TRUNCATED DOMES SHALL BE 24 INCHES WIDE AND COVER ENTIRE WIDTH OF THE LANDING.



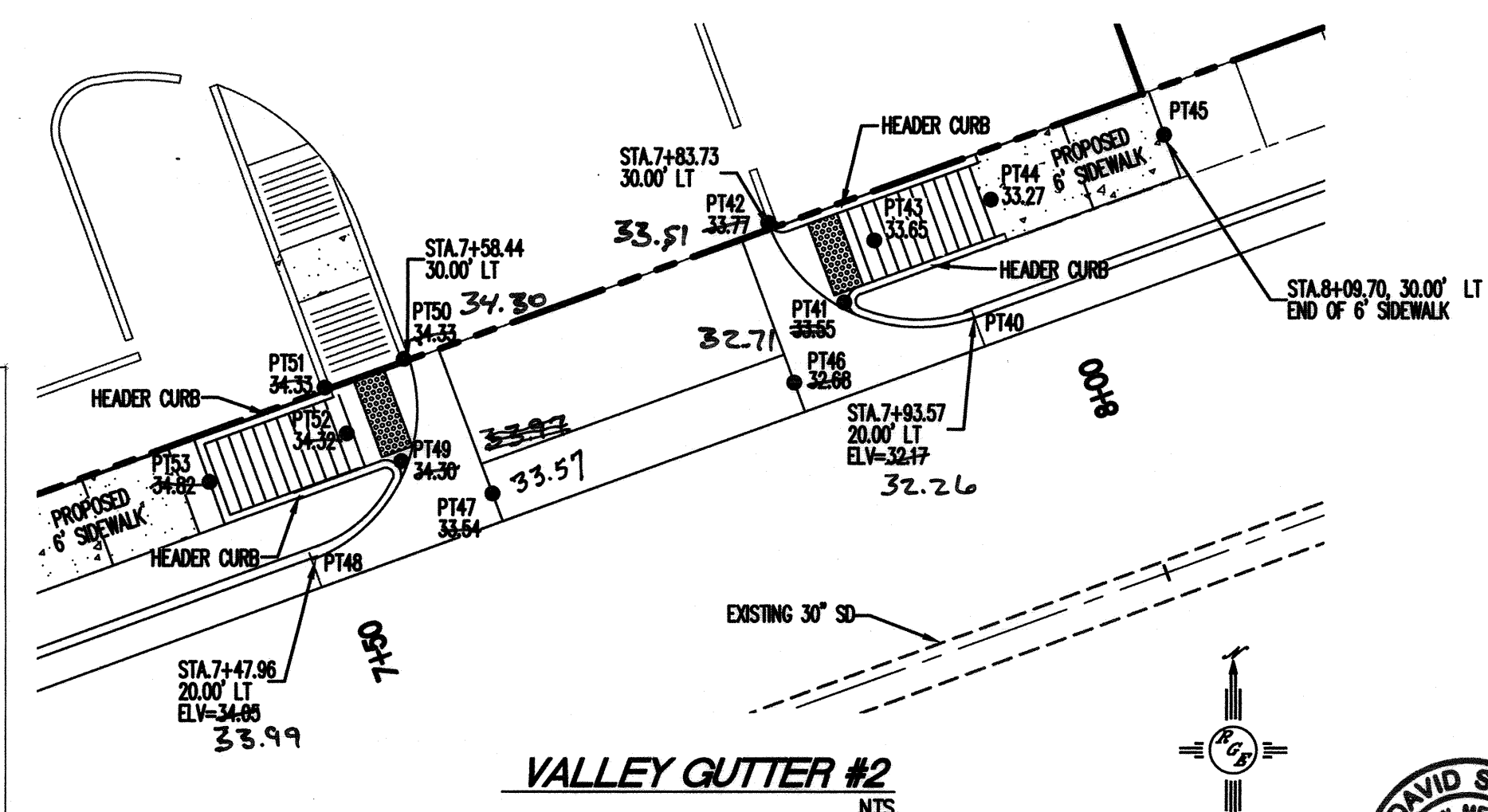
STREET STRIPING CROSSING DETAIL
NTS



VALLEY GUTTER #1
NTS

POINT TABLE

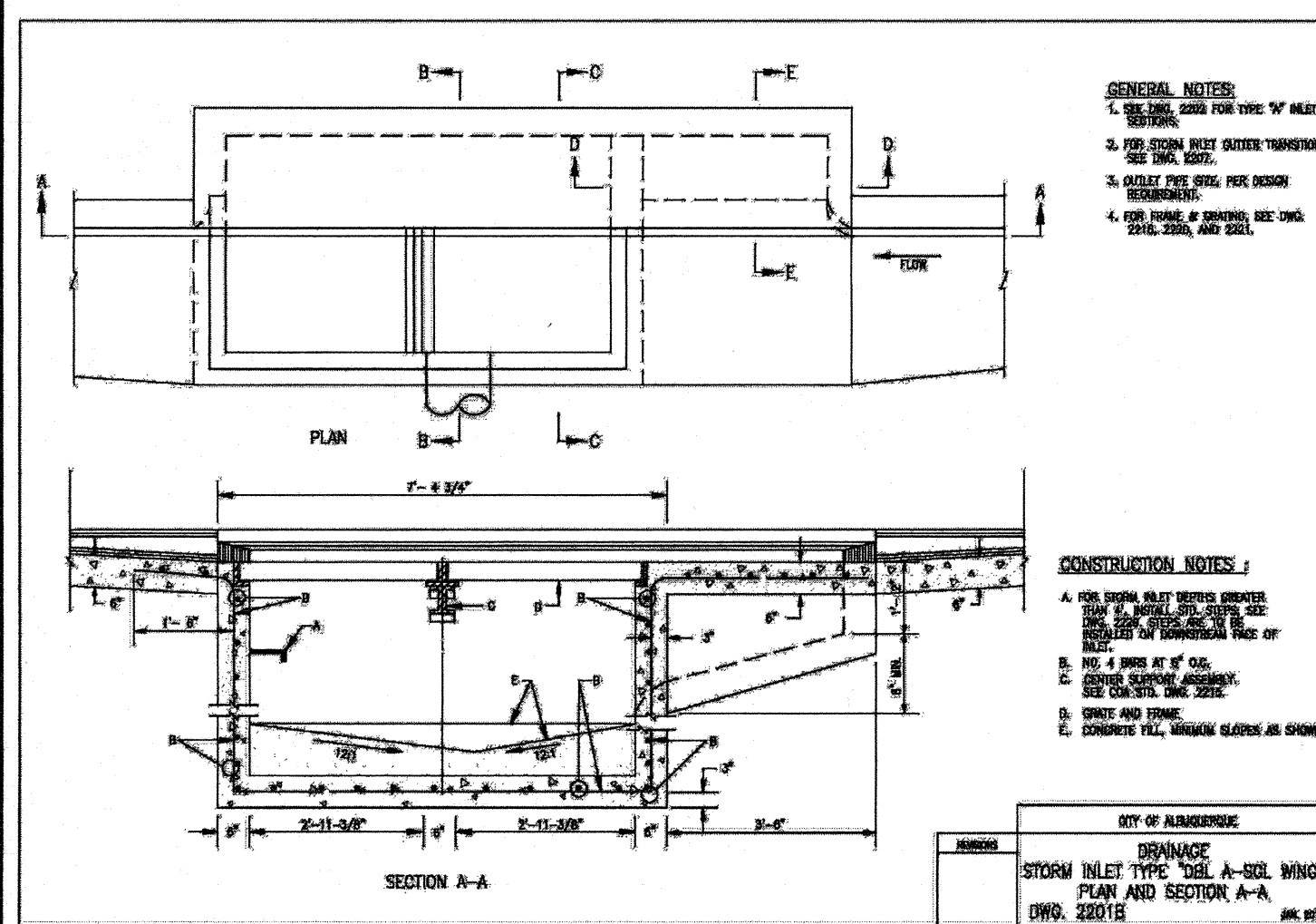
PT #	NORTHING	EASTING
PT 28	1522856.5435722	1512804.3745520
PT 29	1522857.6298880	1512796.1219550
PT 30	1522862.2096262	1512791.4057092
PT 31	1522861.3259460	1512797.1304400
PT 32	1522864.4137207	1512805.5360491
PT 33	1522853.3569531	1512767.4002846
PT 34	1522846.9079700	1512766.8739821
PT 35	1522840.6254531	1512761.2165776
PT 36	1522849.0140264	1512763.6212674
PT 37	1522845.9262517	1512755.2156584
PT 38	1522845.1047805	1512772.8780096
PT 39	1522852.2847462	1512792.6125809



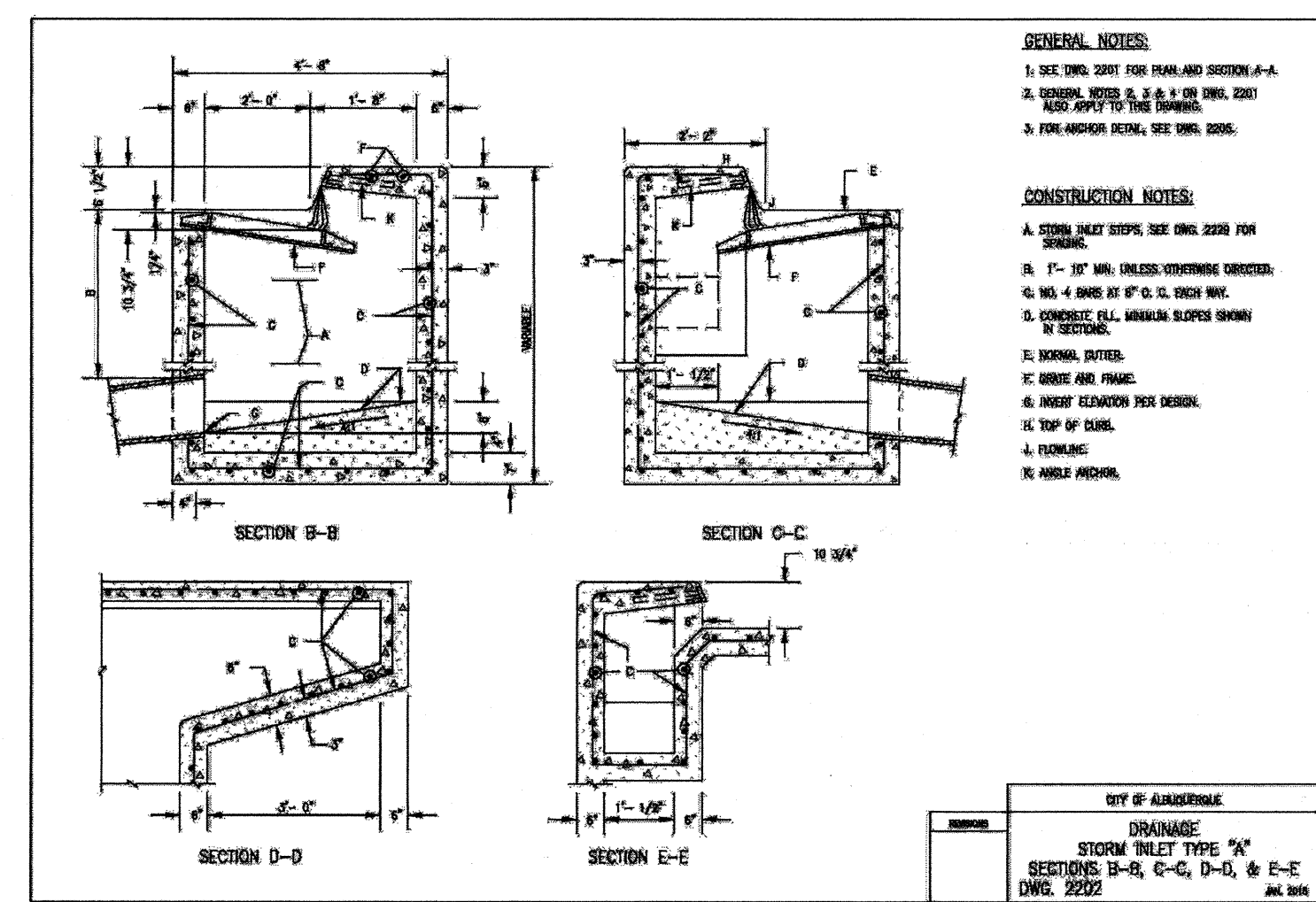
VALLEY GUTTER #2
NTS

POINT TABLE

PT #	NORTHING	EASTING
PT 40	1522903.1871149	1512931.7956710
PT 41	1522904.4248687	1512923.9063600
PT 42	1522906.0046088	1512919.1901141
PT 43	1522906.3680402	1512925.6102881
PT 44	1522915.0464861	1512944.2128306
PT 45	1522915.3630875	1512944.2128306
PT 46	1522898.0150898	1512944.2128306
PT 47	1522891.7471891	1512900.7568989
PT 48	1522887.4192983	1512889.0024328
PT 49	1522893.6043421	1512894.5729508
PT 50	1522900.5555872	1512895.3485914
PT 51	1522898.5431429	1512890.2304348
PT 52	1522895.7600887	1512891.2547863
PT 53	1522892.5092423	1512882.3345055

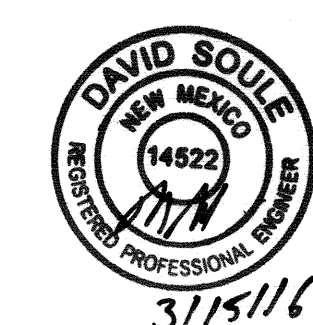


TYPE 'A' DOUBLE GRATE DETAILS
NTS



*ALL STATIONING BASED UPON PROPOSED CENTERLINE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE
I, DAVID SOULE, NMPE 14522, OF THE FIRM RIO GRANDE ENGINEERING, HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFRASTRUCTURE INSTALLED AS A PART OF THIS PROJECT HAS BEEN INSPECTED BY ME OR A QUALIFIED PERSON UNDER MY DIRECT SUPERVISION AND HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE CITY AND ABCWUA ENGINEER AND THAT THE ORIGINAL DESIGN INTENT HAS BEEN MET, EXCEPT AS NOTED BY ME OR PERSONNEL UNDER MY DIRECTION AND SURVEY INFORMATION PROVIDED BY DAVID ACOSTA NMPS 21082.



Rio Grande Engineering
NEW MEXICO
14522

BERNALILLO COUNTY PUBLIC WORKS DIVISION ENGINEERING GROUP

TITLE: VISTA FUENTE ROAD IMPROVEMENTS DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVE	APPROVE		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO. 5844.86 ZONE MAP NO. C-12-Z SHEET 6 OF 6

DESIGNED BY: DEM DATE: 3-15
DRAWN BY: DEM DATE: 3-15
DRAWN NAME: VISTA FUENTE RD IMPROVEMENTS.dwg JOB NO.:
CHECKED BY: DS DATE: 3-15