

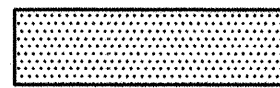
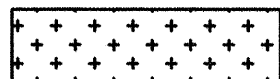
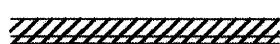
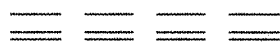
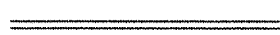


TVI WORKFORCE TRAINING CENTER

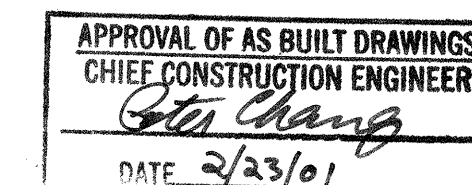
INDEX OF DRAWINGS

SHEET NUMBER	SHEET TITLE
SHEET 1 OF 11	COVER SHEET
SHEET 1A OF 11	PLAT
SHEET 2 OF 11	SURVEY CONTROL
SHEET 3 OF 11	OAKLAND AVENUE ROADWAY AND UTILITY PLAN AND PROFILE (WEST)
SHEET 4 OF 11	OAKLAND AVENUE ROADWAY AND UTILITY PLAN AND PROFILE (EAST)
SHEET 5 OF 11	EAGLE ROCK AVENUE ROADWAY PLAN AND PROFILE (WEST)
SHEET 6 OF 11	EAGLE ROCK AVENUE ROADWAY PLAN AND PROFILE (EAST)
SHEET 7 OF 11	PAVING DETAILS
SHEET 8 OF 11	EAGLE ROCK AVENUE UTILITY PLAN AND PROFILE (WEST)
SHEET 9 OF 11	EAGLE ROCK AVENUE UTILITY PLAN AND PROFILE (EAST)
SHEET 10 OF 11	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (M.U.T.C.D.)
SHEET 11 OF 11	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

ALL WORK IDENTIFIED ON THIS PLAN SHEET IS PART OF THIS PROJECT

DESCRIPTION	EXISTING	NEW
FIRE HYDRANT		
SANITARY SEWER	— — — SAS — — —	— — — SAS — — —
WATER LINE	— — — W — — —	— — — W — — —
STORM DRAIN	— — — SD — — —	— — — SD — — —
MANHOLE (SANITARY)		
LOT NUMBER	(23)	
SPOT ELEVATION	 74.50 FL	 74.50
STORM DRAIN INLET		
WATER VALVE		
EXIST. ASPHALT PAVEMENT		
ASPHALT PAVEMENT (BASE-CONTRACT)		
ASPHALT PAVEMENT (ALTERNATIVE-BID)		
ASPHALT PAVEMENT PER COA PROJECT 606781 (NOT A PART OF THIS CONTRACT)		
VALLEY GUTTER OR SIDEWALK		
ASPHALT PAVEMENT CUT SECTION		
STND C&G PER COA DWG 2415 (BASE-CONTRACT)		
STND C&G PER COA DWG 2415 (ALTERNATIVE-BID)		
STND C&G PER COA PROJECT 606781 (NOT A PART OF THIS CONTRACT)		
SUBGRADE		
EXIST STND CRG		
AC CURB PER COA DWG 2415		

**ALL WORK IDENTIFIED AS 'ALTERNATIVE BID'
ON THIS PLAN SET SHALL BE CONSTRUCTED
AS PART OF THIS CONTRACT.**



Map of the Project Site location in San Mateo, California. The map shows the intersection of San Mateo Blvd and Interstate 25. The Project Site is located on San Mateo Blvd, between the intersections with Interstate 25 and Alameda Blvd. The map also shows the locations of Moesta Ave, Eagle Rock Ave, and Oakland Ave. The Project Site is indicated by a hatched area and an arrow pointing to it from the label 'PROJECT SITE'.

VICINITY MAP	C-18-Z
--------------	--------

GENERAL NOTES

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILLED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CITY ENGINEERING DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC OR DECORATED CONCRETE MARKINGS BY CONTRACTOR TO SAME LOCATION AS EXISTING STRIPING AS INDICATED BY THE PLAN SET.
7. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) FIVE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
8. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL ALSO COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
9. 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.
10. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY FOUR (24) HOURS OF CONSTRUCTION.
11. ALL WATER LINES TO BE C900 PVC, AND ALL SEWER LINES TO BE SDR35 PVC.

ABBREVIATIONS

AC	=	ASPHALT CONCRETE	LF	=	LINEAR FEET
A.D.	=	ALGEBRAIC DIFFERENCE	LT	=	LEFT
BVCE	=	BEGIN VERT. CURVE ELEV.	MO	=	MIDDLE ORIGINATE
BVCS	=	BEGIN VERT. CURVE STA.	MGRCD	=	MIDDLE RIO GRANDE CONSERVANCY DIST.
COA	=	CITY OF ALBUQUERQUE	PC	=	POINT OF CURVATURE
CONC.	=	CONCRETE	PVI	=	POINT OF VERT. INT.
CRL	=	CURB RETURN LEFT	PT	=	POINT OF TANGENT
CRR	=	CURB RETURN RIGHT	RAD.	=	RADIUS
DIA.	=	DIAMETER	RT	=	RIGHT
DI	=	DUCTILE IRON	R.O.W.	=	RIGHT OF WAY
DWG	=	DRAWING	STA	=	STATION
EOC	=	EDGE OF CONCRETE	TA	=	TOP OF ASPHALT
EVCE	=	END VERT. CURVE ELEV.	TC	=	TOP OF CURB
EVCS	=	END VERT. CURVE STA.	TP	=	TOP OF PIPE
EXIST	=	EXISTING	TP.	=	TYPICAL
FL	=	FLOWLINE	VC	=	VERTICAL CURVE
F-F	=	FACE TO FACE	VERT.	=	VERTICAL
INT	=	INTERSECTION	TRANS.	=	TRANSFORMER
K.	=	RATE OF VERT. CURVATURE			



5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8758

[illegible]

SCANNED BY
MESA REPRO

JOB NO.: C11-120-5199
 FILE: TM-COV.DWG
 ENG/TECH: BM/PG
 REV: 09/22/99 WWT

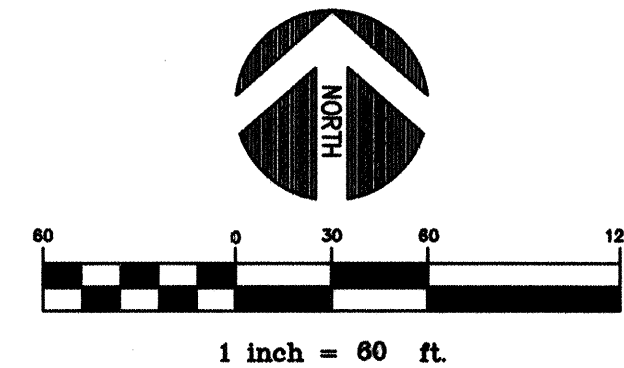
SCANNED BY
MESA REPRO

SAN MATEO BLVD. NE.



ALL WORK IDENTIFIED AS "ALTERNATIVE BID"
ON THIS PLAN SET SHALL BE CONSTRUCTED
AS PART OF THIS CONTRACT.

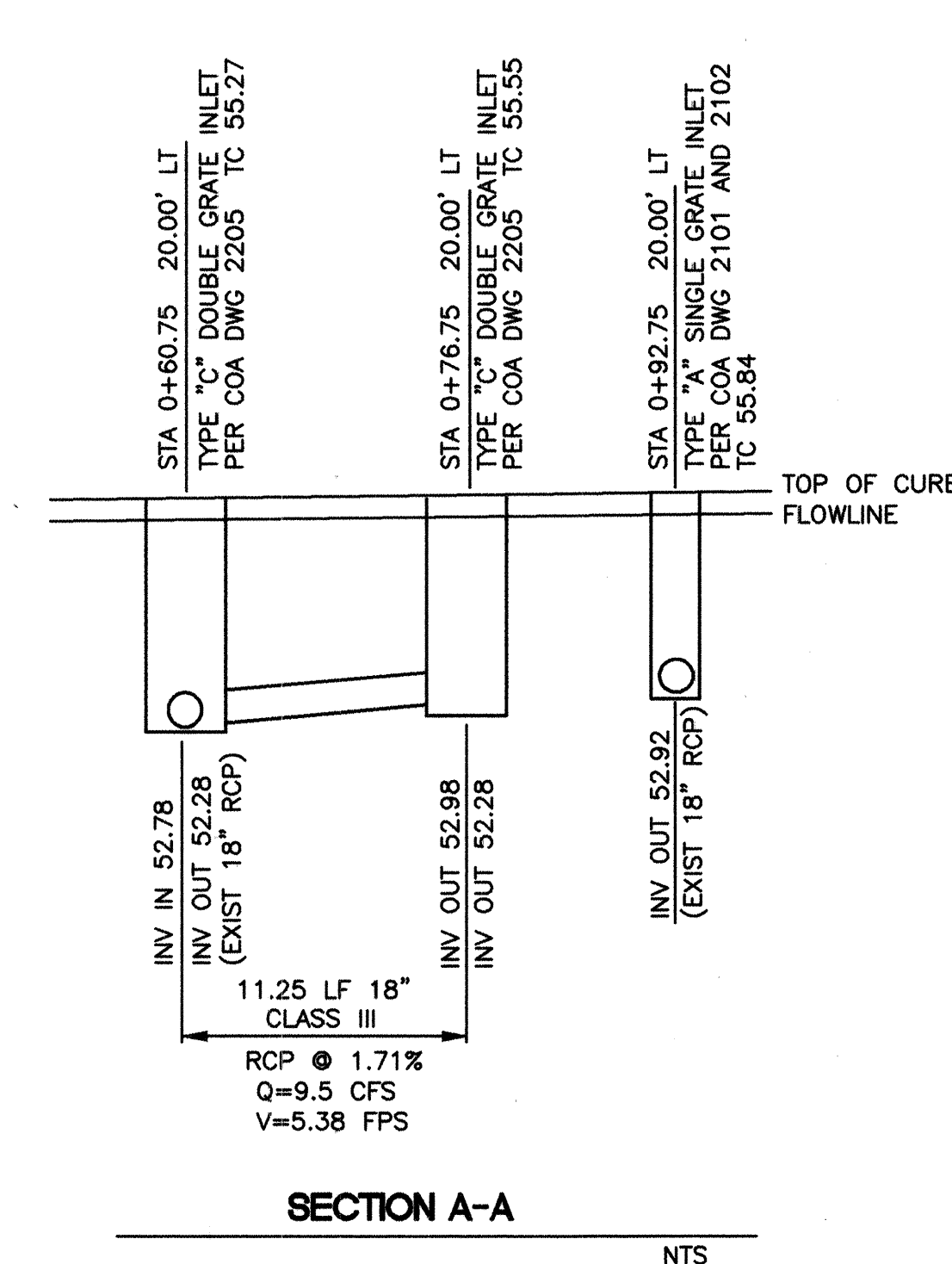
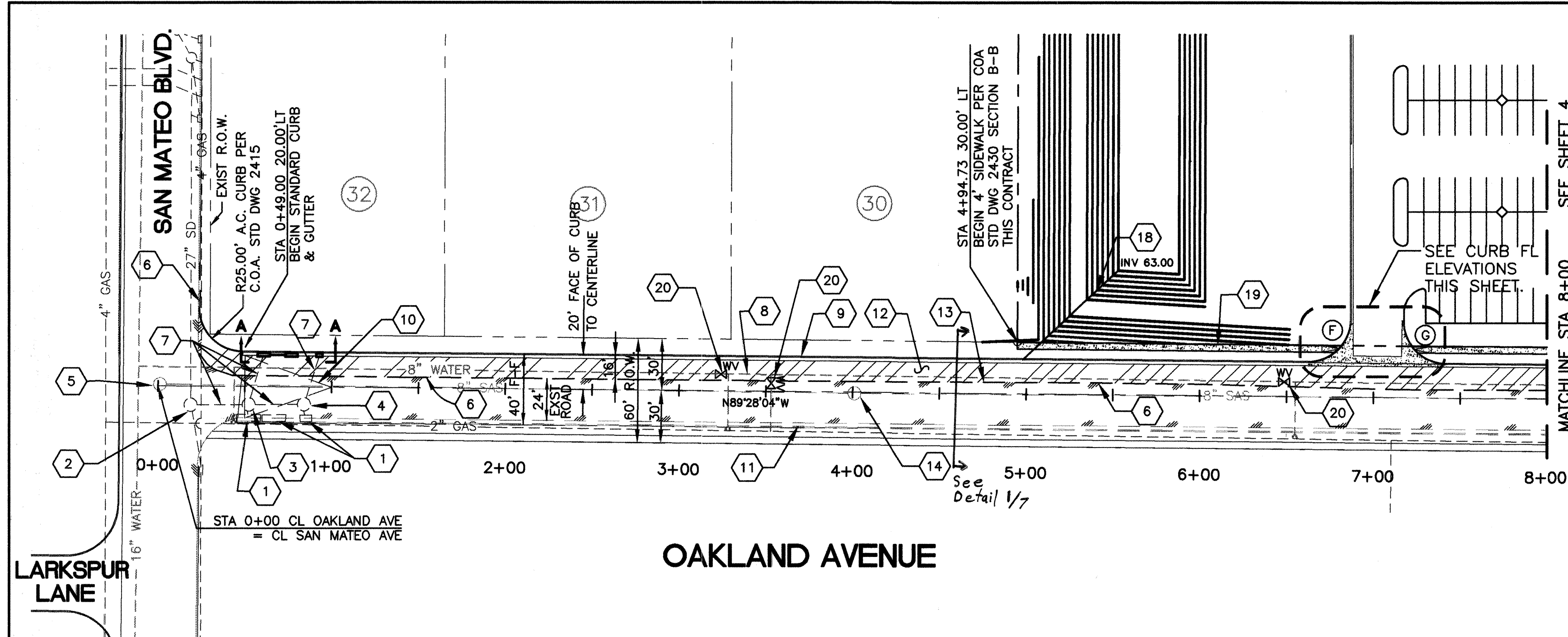
SURVEY CONTROL
SCALE: 1" = 60' HORIZ.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: TVI WORKFORCE TRAINING CENTER
SURVEY CONTROL

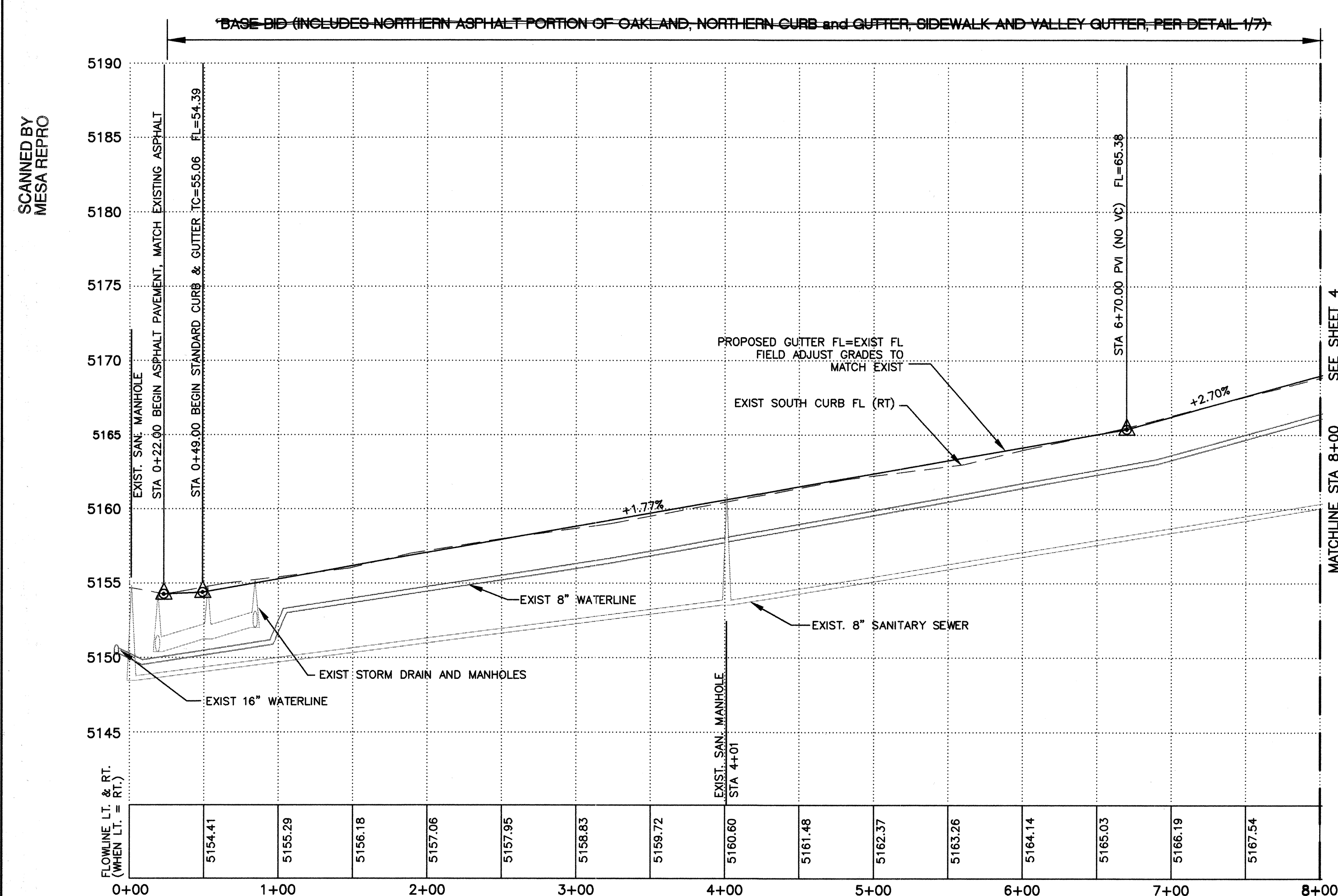
Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
APPROVED OCT 20 1999 DESIGN REVIEW COMMITTEE	APPROVED MAR 30 2000 CITY ENGINEER		
City Project No. 622881		Zone Map No. C-18-Z	Sheet 2 Of 11

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		BENCH MARK: ACS ALUMINUM CAP STAMPED "10-C18-1985", LOCATED AT THE INTERSECTION OF SAN PEDRO AND MODESTO AVE. ELEV=5219.41 (SLD 1929)		CONTRACTOR: J.P. STA	
		NO.		DATE		DATE 3-20-00	
		BY		BY		DATE 08/99	
		REMARKS		REVISIONS		DATE 08/99	
		DESIGN		DESIGN		DATE 08/99	
DESIGNED BY B. McCarty		DATE 08/99		DRAWN BY P. GAUNA		DATE 08/99	
CHECKED BY B. McCarty		DATE 08/99		MICRO-FILM INFORMATION		RECORDED BY	
						NO.	

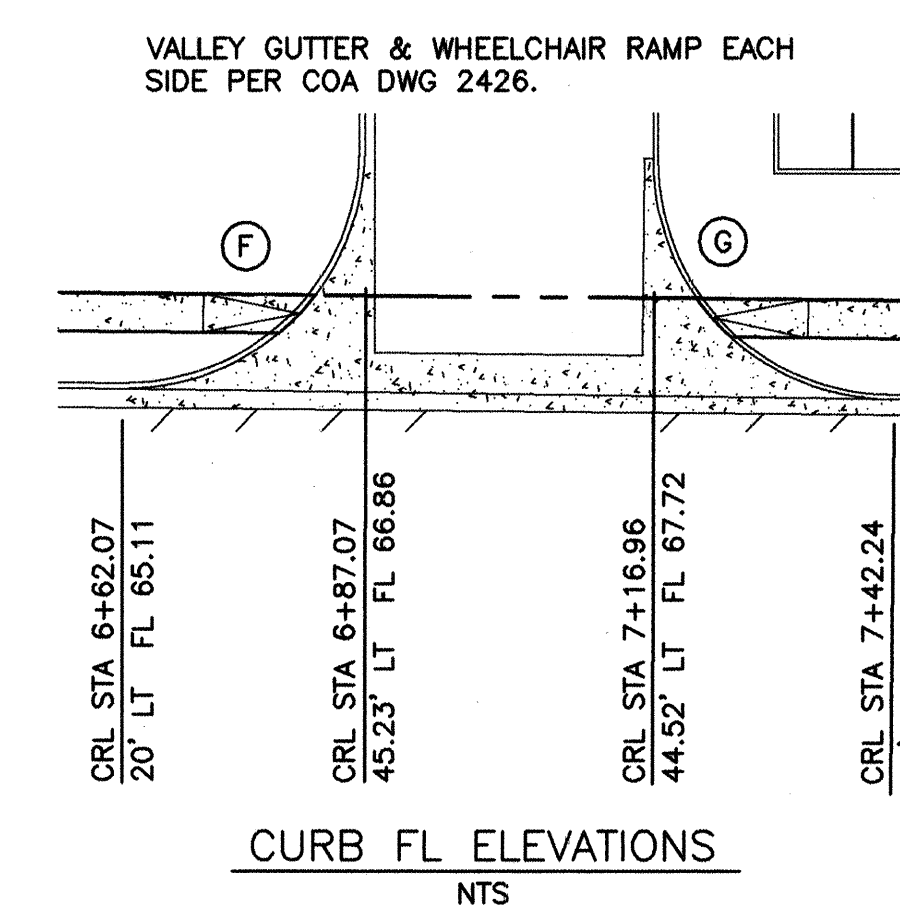


- ### KEYED NOTES
- EXISTING STORM DRAIN INLETS
 - EXISTING STORM DRAIN MANHOLE INV 5150.72
 - EXISTING STORM DRAIN MANHOLE INV 5151.02
 - EXISTING STORM DRAIN MANHOLE INV 5151.74
 - EXISTING SANITARY SEWER MANHOLE
 - MATCH EXISTING EDGE OF ASPHALT
 - EXISTING STORM DRAIN
 - EDGE OF EXISTING ASPHALT
 - STANDARD CURB & GUTTER PER COA STD DWG 2415
 - EXISTING 50' CROWN TRANSITION
 - EXISTING CURB & GUTTER
 - NEW ASPHALT PAVEMENT PER DETAIL 2/7
 - MATCH EXIST ASPHALT PER DETAIL 4/7
 - EXIST SANITARY SEWER MANHOLE RIM 5161.17 INV E 5152.54 INV W 5152.54
 - NOT USED
 - NOT USED
 - NOT USED
 - STA 4+98.00 RUNDOWN 20' LT FL 62.33 SEE POND OUTLET DETAIL 8/7
 - 4' CONCRETE SIDEWALK PER COA STD DWG 2430 SECTION B-B
 - ADJUST VALVE BOX TO GRADE.

CURB CURVE DATA (FACE OF CURB)					
CURVE NO.	RAD.	ARC	DELTA	CHORD	
				BRNG	DIST
F	25.00	39.50	90°31'08"	N45°16'22"E	35.52'
G	25.00	39.48	91°13'01"	N44°52'31"W	35.44'



PT	FL
1	66.42
2	65.99
3	65.55
FL INT = 65.81	

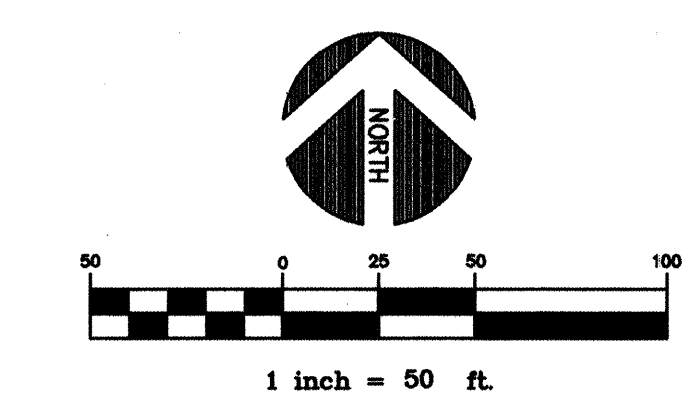


PT	FL
1	67.63
2	67.54
3	66.84
FL INT = 66.65	

ALL WORK IDENTIFIED AS "ALTERNATIVE BID" ON THIS PLAN SET SHALL BE CONSTRUCTED AS PART OF THIS CONTRACT.

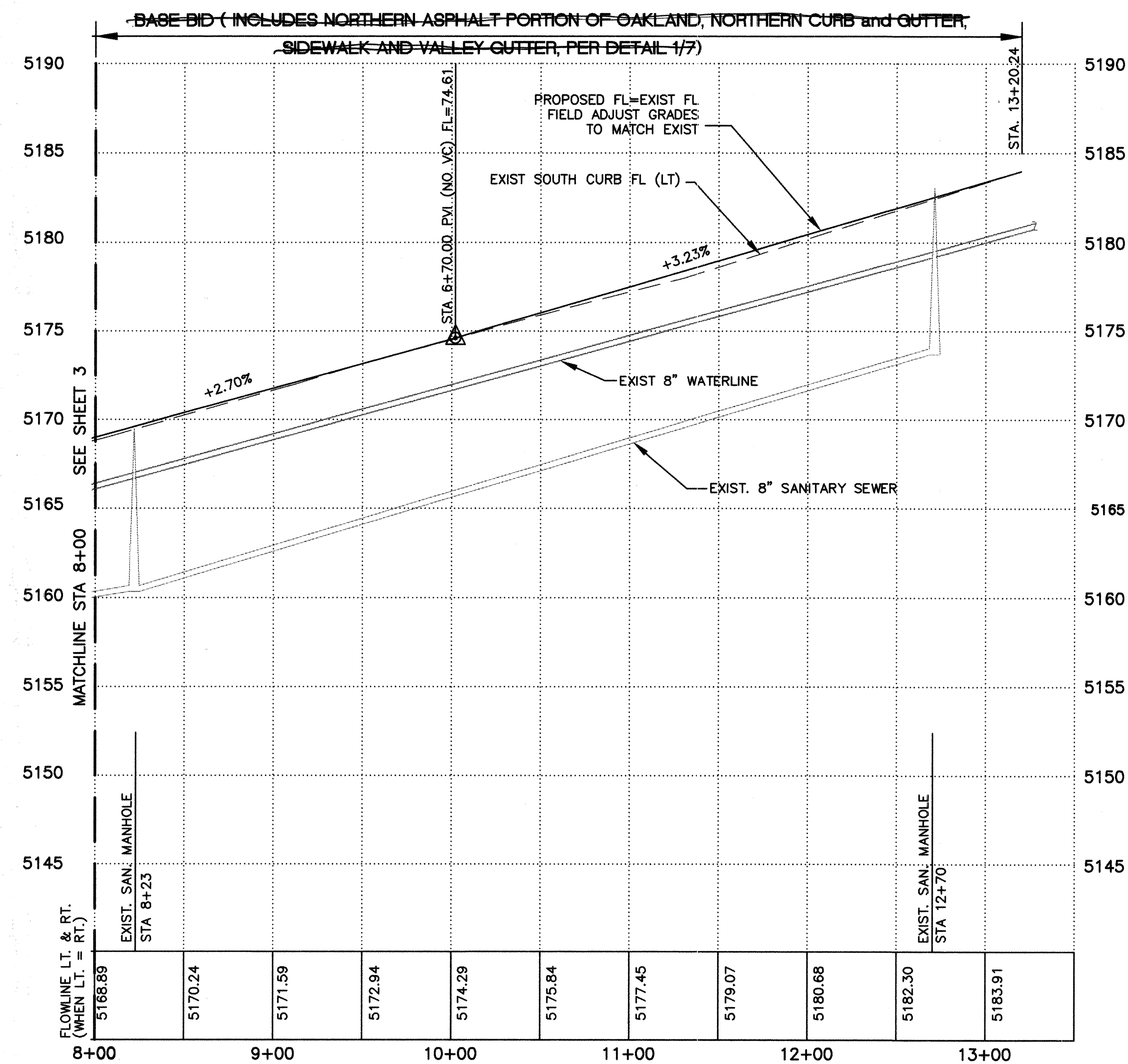


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: TVI WORKFORCE TRAINING CENTER OAKLAND AVENUE - ROADWAY & UTILITY PLAN AND PROFILE (WEST)	
DESIGNED BY: B. MCCARTY	DATE: 08/99
DRAWN BY: P. GAUNA	DATE: 08/99
CHECKED BY: B. MCCARTY	DATE: 08/99
NO. DATE	REVISIONS
1	08/99
2	08/99
3	08/99
4	08/99
5	08/99
6	08/99
7	08/99
8	08/99
9	08/99
10	08/99
11	08/99
12	08/99
13	08/99
14	08/99
15	08/99
16	08/99
17	08/99
18	08/99
19	08/99
20	08/99



SCANNED BY
MESA REPRO

OAKLAND AVENUE

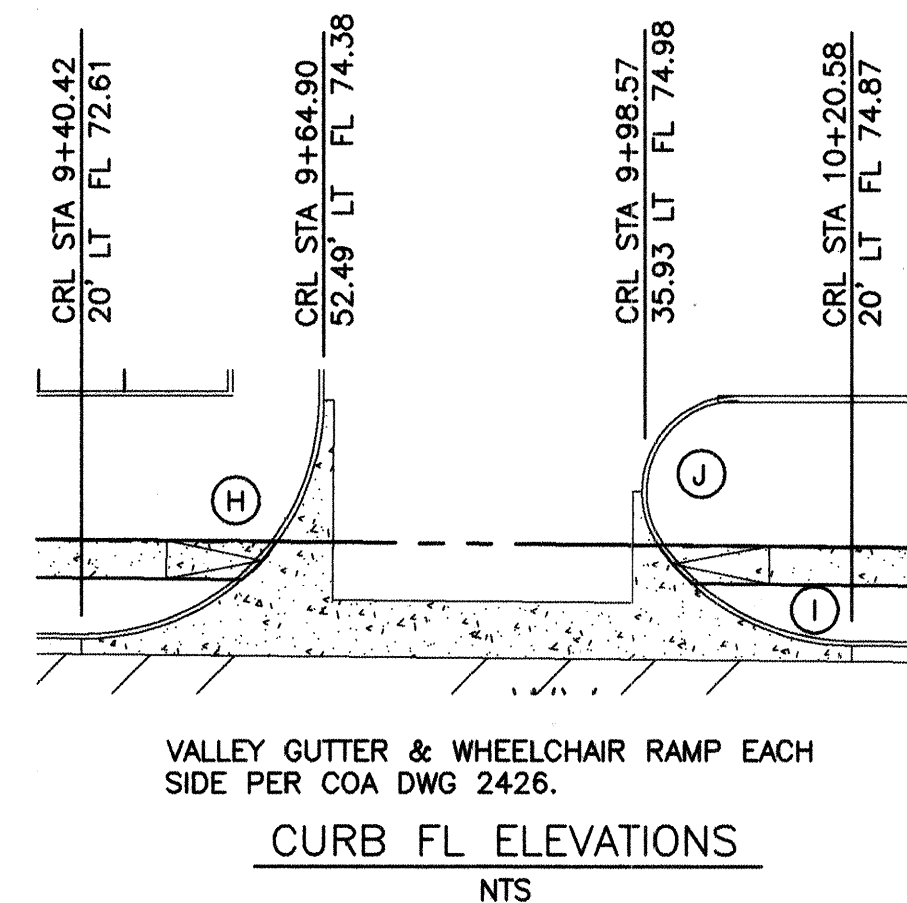


ROADWAY and UTILITY PLAN and PROFILE

SCALE: 1" = 50' HORIZ
1" = 5' VERT.

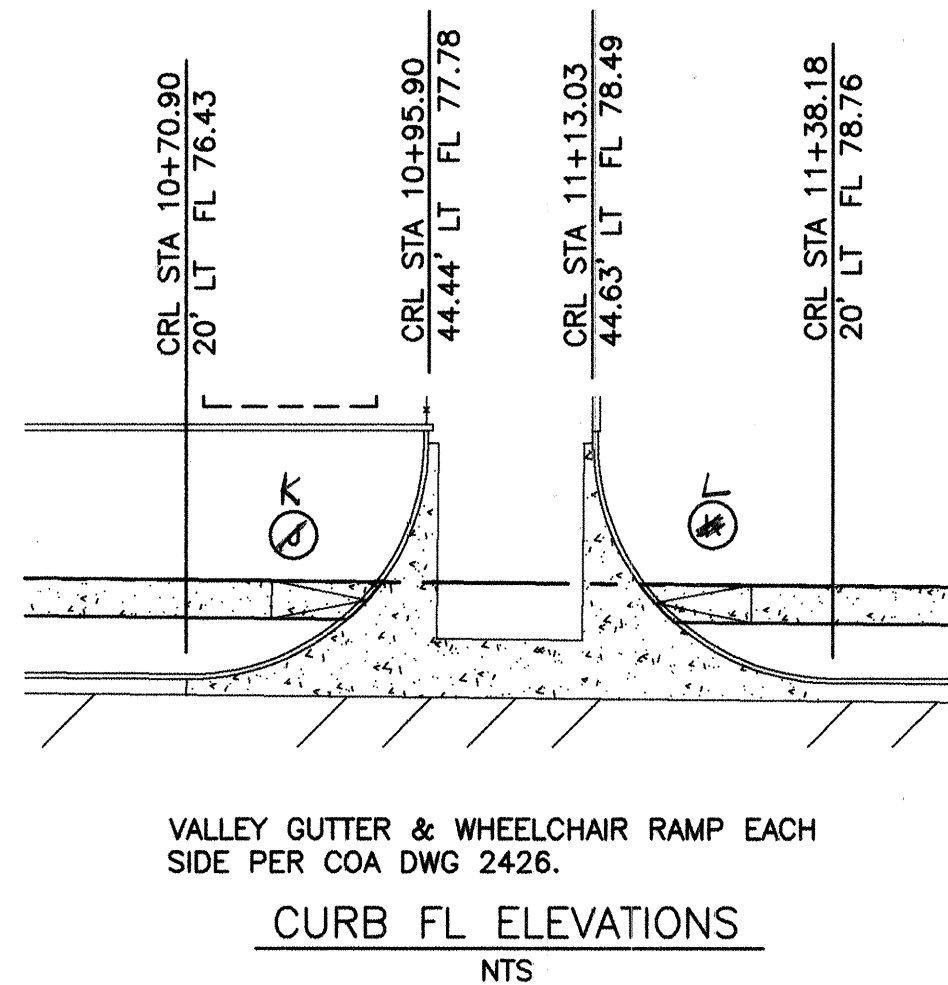
SEE SHEET 7 FOR PAVING DETAILS.
SEE SHEET 1 FOR LEGEND.

PT	FL
1	73.94
2	73.50
3	73.05
FL INT. = 73.32	



PT	FL
1	74.90
2	74.93
3	74.95
FL INT. = 74.26	

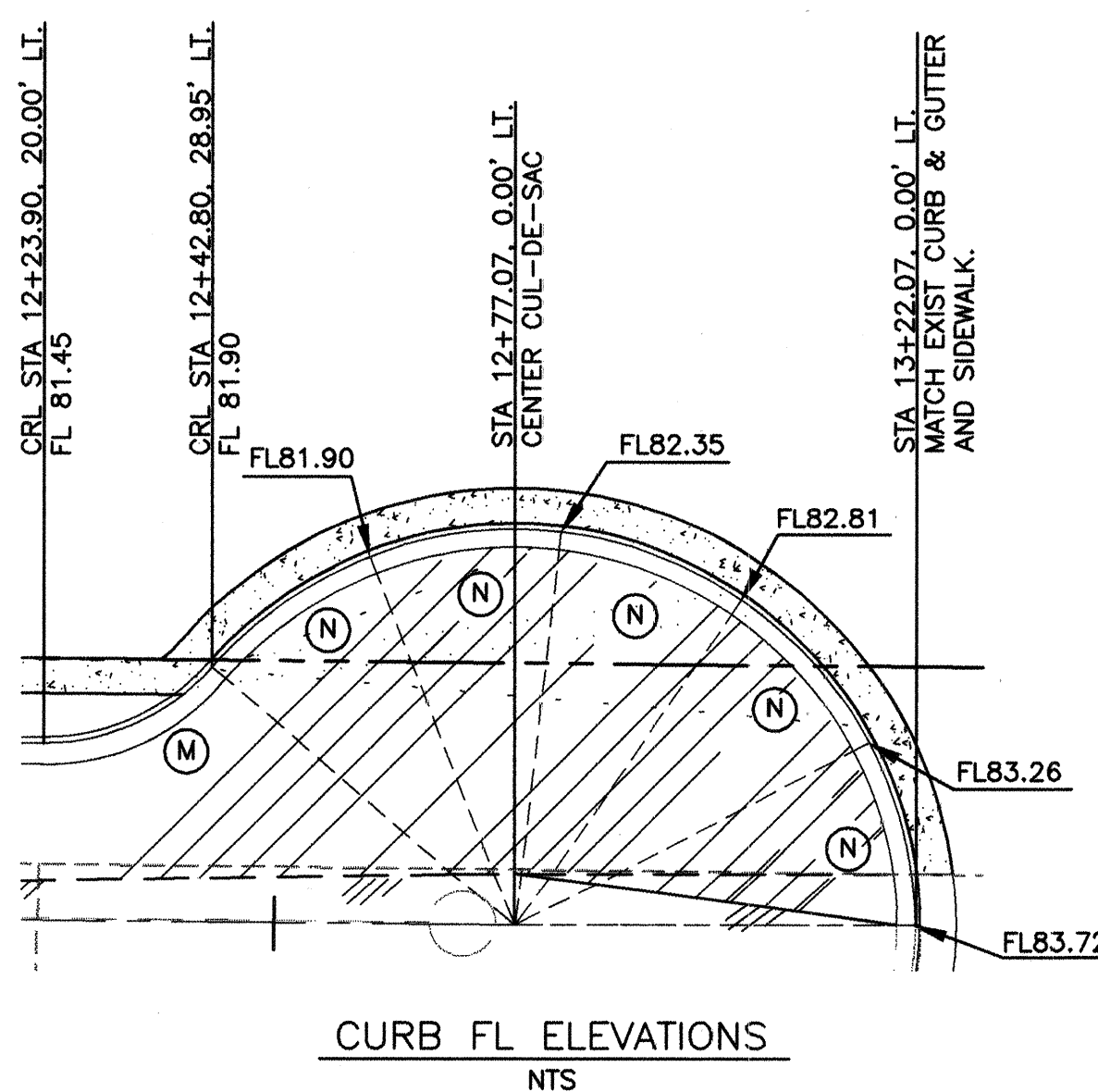
PT	FL
1	77.44
2	77.11
3	76.77
FL INT = 77.24	



PT	FL
1	78.69
2	78.63
3	78.56
FL INT = 77.95	

CURB CURVE DATA (FACE OF CURB)				
CURVE NO.	RAD.	ARC	DELTA	CHORD BRNG
H	25.00'	39.46'	90°25'46"	N45°18'57"E
I	25.00'	23.21'	52°11'16"	N62°52'34"W
J	10.00'	22.04'	126°16'55"	N28°51'32"E
K	25.00'	39.15'	90°29'29"	N45°46'32"E
L	25.00'	39.18'	89°48'11"	N44°54'05"W
M	25.00'	21.50'	49°16'10"	N65°33'44"E
N	45.00'	21.85'	27°48'50"	NA

ALL WORK IDENTIFIED AS 'ALTERNATIVE BID'
ON THIS PLAN SET SHALL BE CONSTRUCTED
AS PART OF THIS CONTRACT.



KEYED NOTES

- ADJUST EXIST. VALVE BOX TO GRADE.
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- NOT USED
- EDGE OF EXISTING ASPHALT
- STANDARD CURB & GUTTER PER COA STD DWG 2415
- NOT USED
- EXISTING CURB & GUTTER
- NEW ASPHALT PAVEMENT PER DETAIL 2/7
- MATCH EXISTING ASPHALT, SEE DETAIL 4/7
- NOT USED
- EXIST SANITARY SEWER MANHOLE
RIM 5169.98 INV E 5159.67 INV W 5159.62
- EXIST SANITARY SEWER MANHOLE
RIM 5183.58 INV W 5173.92
- SAWCUT, REMOVE AND REPLACE 4' OF EXISTING ASPHALT
OVER GAS LINE PER COA DWG 2465
- NOT USED
- 4' CONCRETE SIDEWALK PER COA DWG 2430 SECTION B-B
- NOT USED
- 6" SEWER CONNECTION TO EXISTING SANITARY SEWER
MANHOLE PER COA STD DWG 2118 INV 60.30 AT MANHOLE.
MATCH TVI WORK FORCE TRAINING CENTER UTILITY PLAN
SHEET C5.1 INV 6" SANITARY SEWER
SERVICE 61.27 AT R/W

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	BENCH MARK	DATE	NO.	BY	NO.	BY
WORKS BY: C & A	DATE 01/01/99	"10-C18-1985" LOCATED AT THE INTERSECTION OF SAN PEDRO AND MODESTO AVE.	DATE 01/01/99				
INSPECTION BY: L. GARCIA	DATE 01/01/99	ELEV=5219.41 (SLD 1929)					
VERIFICATION BY: L. GARCIA	DATE 01/01/99						
DRAWINGS BY: C & A	DATE 01/01/99						
MICRO-FILM INFORMATION		REVISIONS		DESIGN		DATE	
RECORDED BY	DATE	NO.	BY	NO.	BY	DATE	DATE
						08/99	08/99
						08/99	08/99
						08/99	08/99

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.

5639 JEFFERSON STREET, N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 344-4088 • FAX: (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

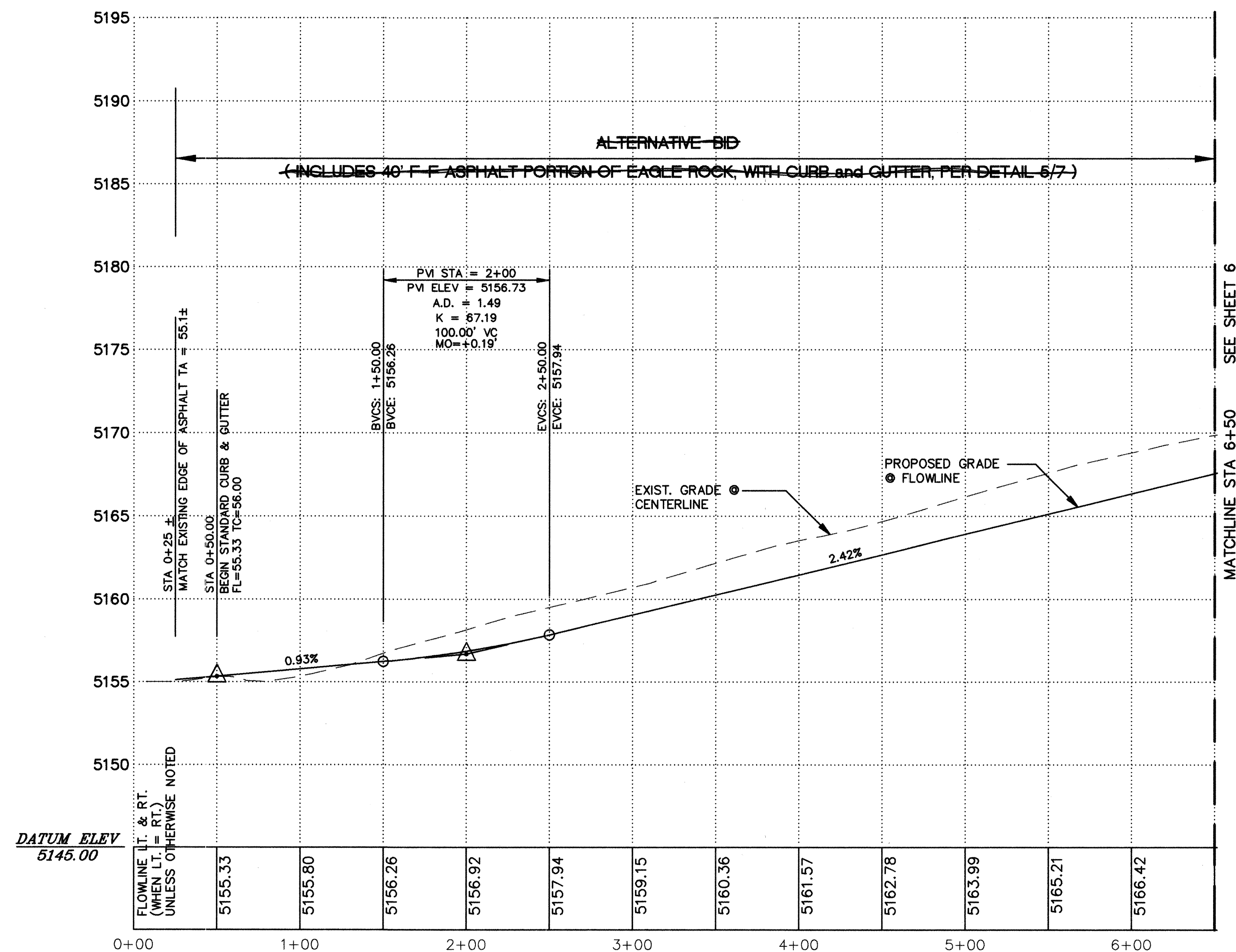
TITLE: TVI WORKFORCE TRAINING CENTER
OAKLAND AVENUE - ROADWAY & UTILITY
PLAN AND PROFILE (EAST)

DESIGN REVIEW COMMITTEE
OCT 20 1999

CITY ENGINEER
MAR 30 2000

City Project No. 622881
Zone Map No. C-18-Z
Sheet 4
Of 11

JOB NO.: C11-120-5199
FILE: TV_RDPP.DWG
ENG./TECH.: BM/PG/KA
REV.: 09/22/99 WWT



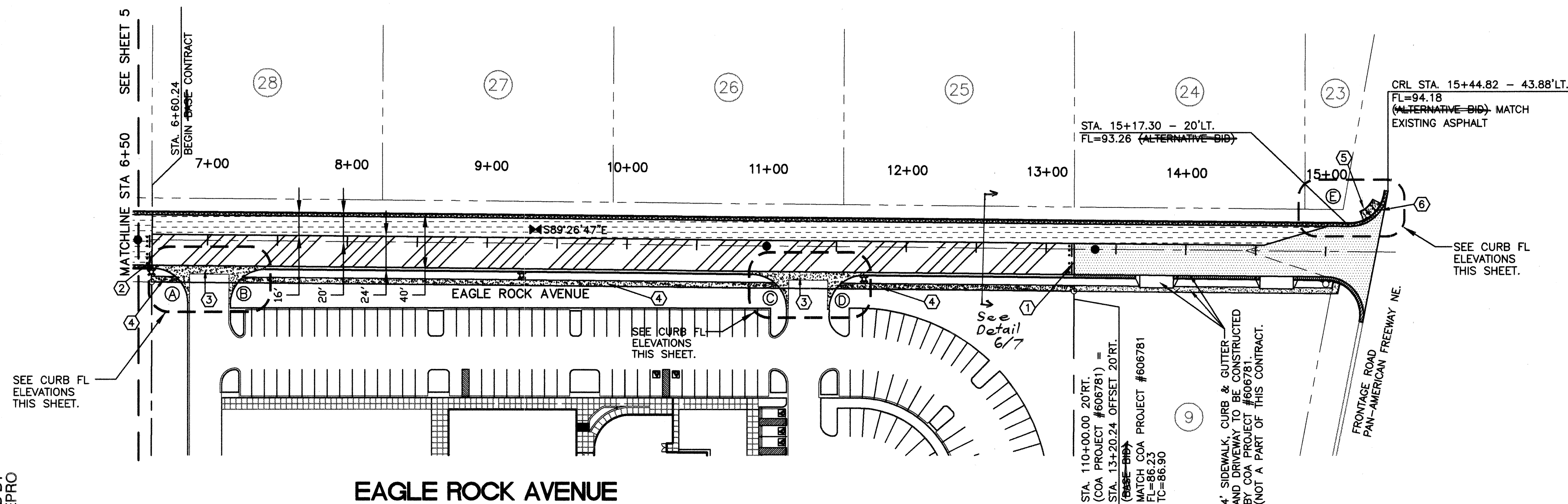
SCALE : 1" = 50' HORIZ.
1" = 5' VERT.

 **CHAVEZ • GRIEVES**
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

Zone Map No.	Sheet	Of
C-18-Z	5	11

[illegible]

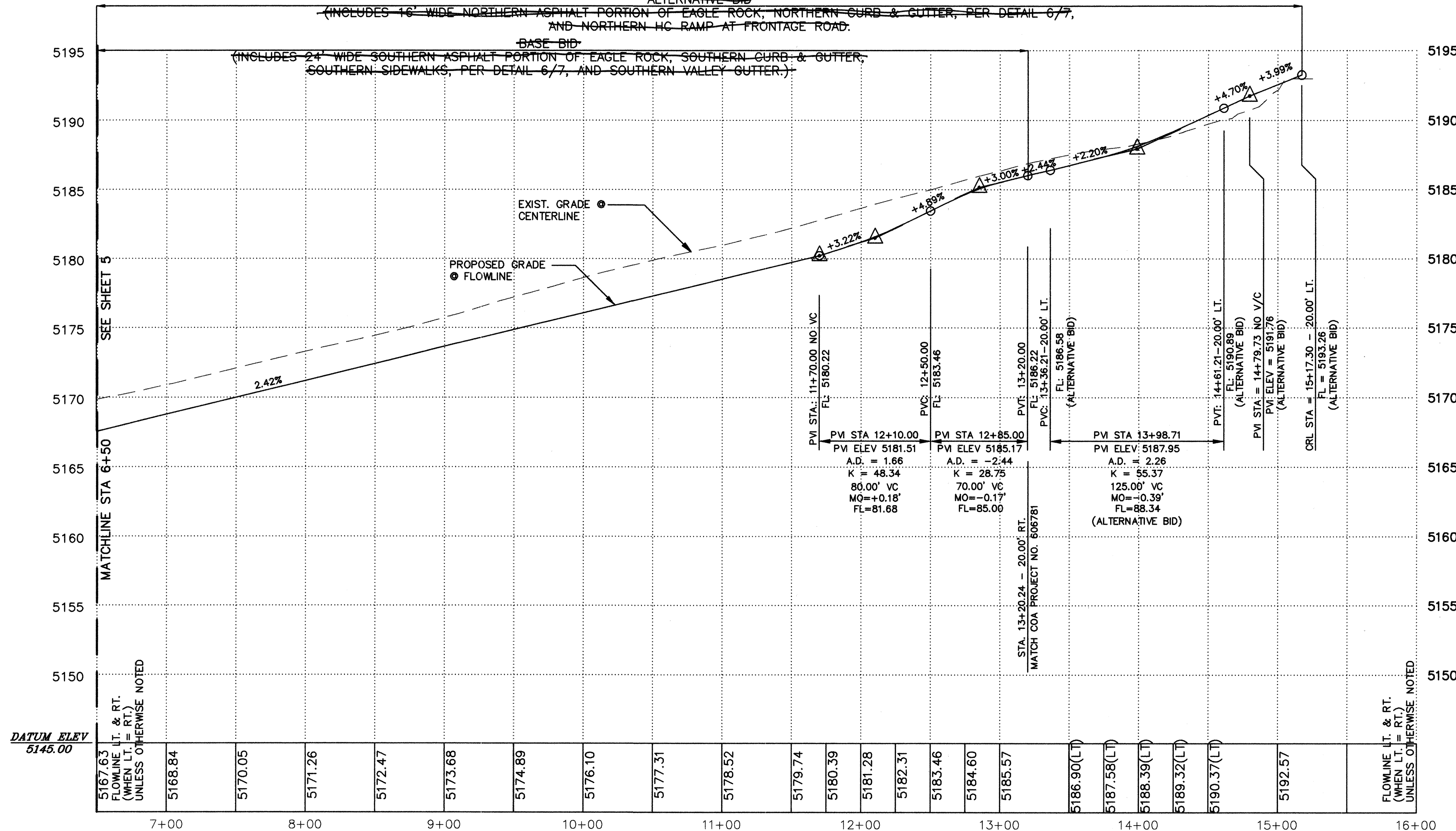
SCANNED BY
MESA REPRO



EAGLE ROCK AVENUE

ALTERNATIVE BID

(INCLUDES 16' WIDE NORTHERN ASPHALT PORTION OF EAGLE ROCK, NORTHERN CURB & GUTTER, PER DETAIL 6/7, AND NORTHERN HC RAMP AT FRONTAGE ROAD.)
(INCLUDES 24' WIDE SOUTHERN ASPHALT PORTION OF EAGLE ROCK, SOUTHERN CURB & GUTTER, SOUTHERN SIDEWALKS, PER DETAIL 6/7, AND SOUTHERN VALLEY GUTTER.)



ROADWAY PLAN and PROFILE

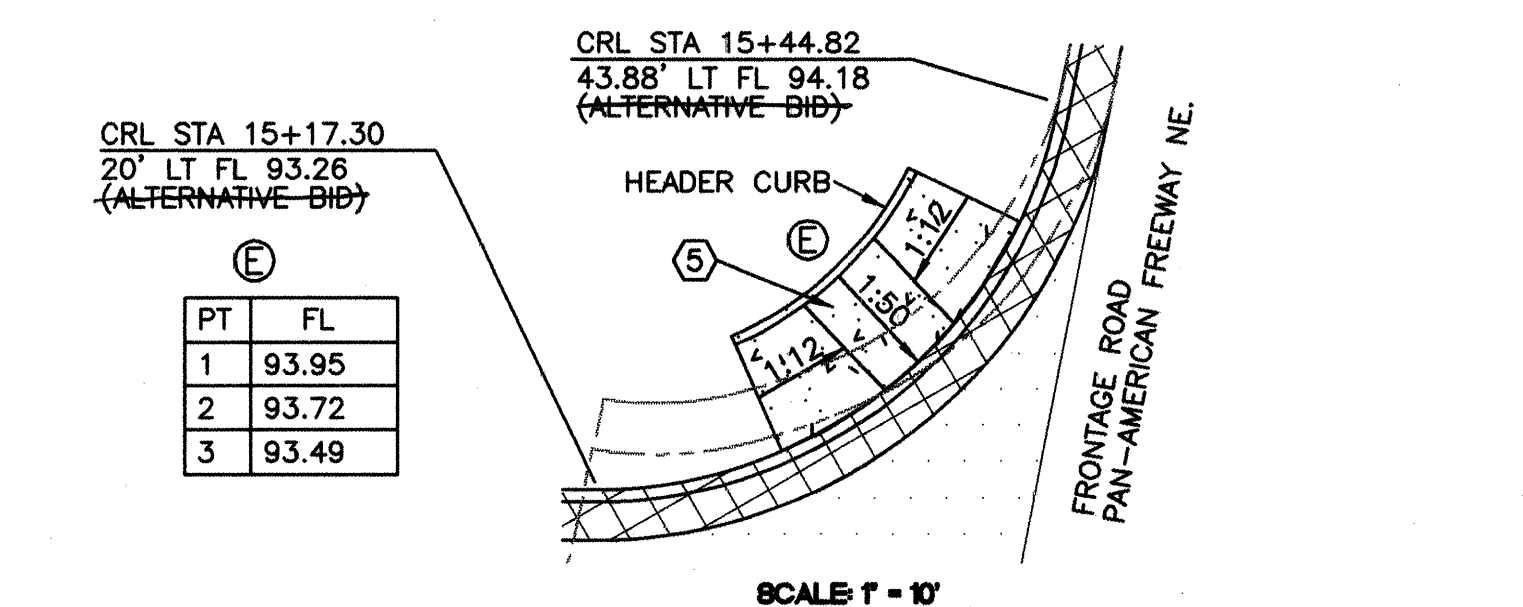
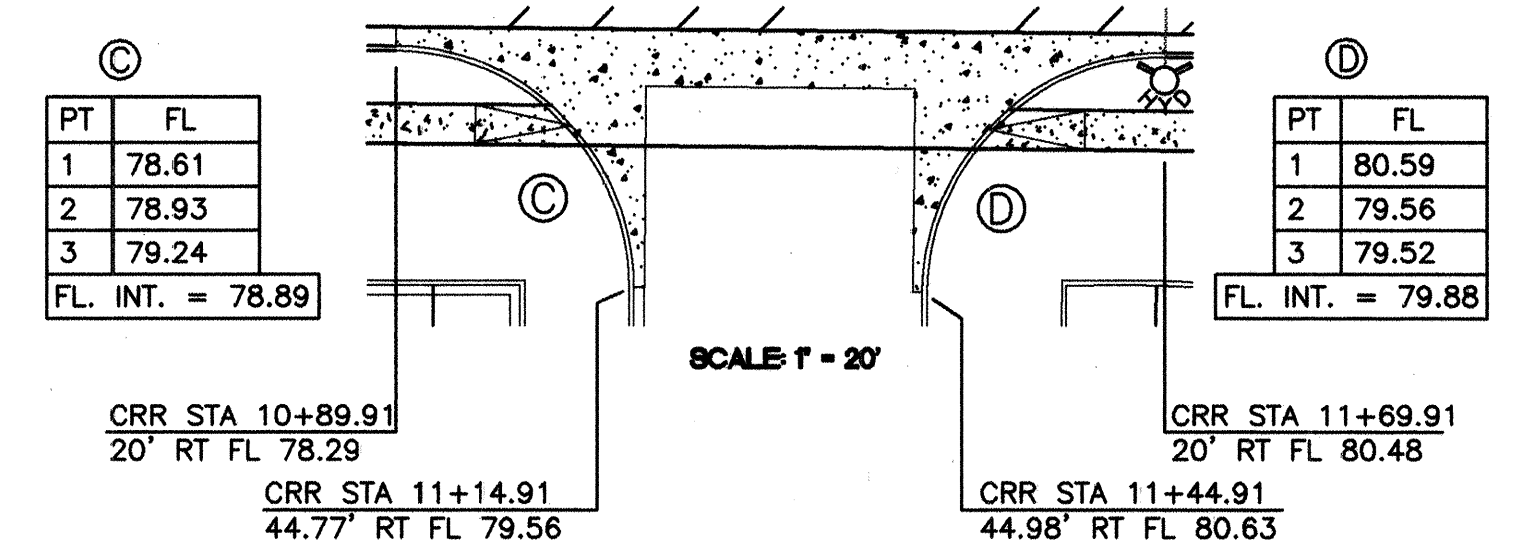
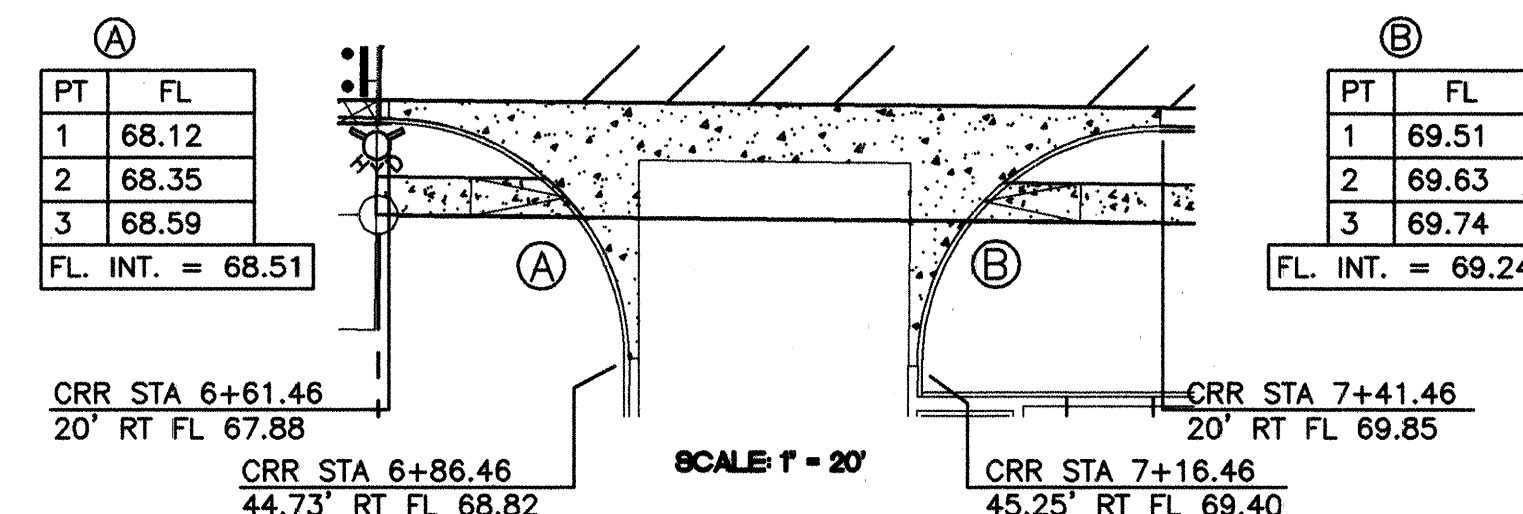
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

SEE SHEET 7 FOR PAVING DETAILS
SEE SHEET 1 FOR LEGEND

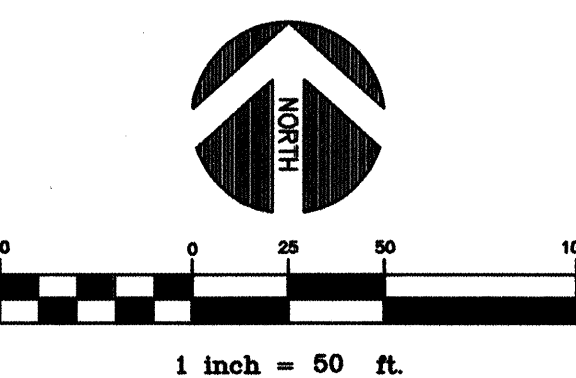
ALL WORK IDENTIFIED AS "ALTERNATIVE BID" ON THIS PLAN SET SHALL BE CONSTRUCTED AS PART OF THIS CONTRACT.

KEYED NOTES

- REMOVE AND RELOCATE 2-TYPE III BARRICADES TO WEST END OF TVI SITE (BASE CONTRACT) OR REMOVE AND DISPOSE OF 2-TYPE III BARRICADES (ALTERNATIVE BID).
- LOCATION FOR 2-TYPE III BARRICADES CUT-OFF WALL PER COA DWG 2415 AND RIPRAP PER TVI WORKFORCE TRAINING CENTER GRADING AND DRAINAGE PLAN SHEET C2.1 (ONLY IF ALTERNATIVE BID IS NOT CONSTRUCTED).
- VALLEY GUTTER AND WHEELCHAIR RAMPS EACH SIDE PER COA DWG 2426.
- 4' SIDEWALK (BASE BID) PER COA DWG 2430 SECTION B-B.
- WHEELCHAIR RAMP PER COA DWG 2441 CASE II (ALTERNATIVE BID).
- SAWCUT EXISTING ASPHALT 1' BEYOND LIP OF GUTTER. REMOVE AND DISPOSE OF EXISTING CURB & GUTTER AND ASPHALT. REPLACE ASPHALT AFTER NEW CURB & GUTTER IS INSTALLED.



CURB CURVE DATA (FACE OF CURB)					
CURVE NO.	RAD.	ARC	DELTA	CHORD BRNG	CHORD DIST
A	25.00'	39.56'	90°16'28"	S45°04'59"E	35.60'
B	25.00'	39.51'	90°32'26"	S45°17'00"W	35.52'
C	25.00'	39.03'	89°26'47"	S44°43'23"E	35.18'
D	25.00'	39.28'	90°00'48"	N45°33'37"W	35.36'
E	25.00'	34.72'	79°34'21"	N50°46'03"E	32.00'

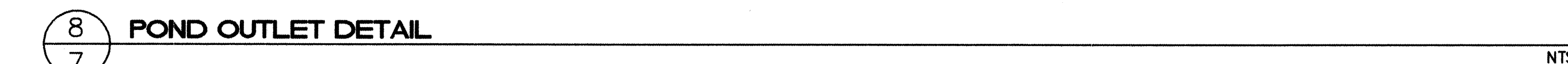
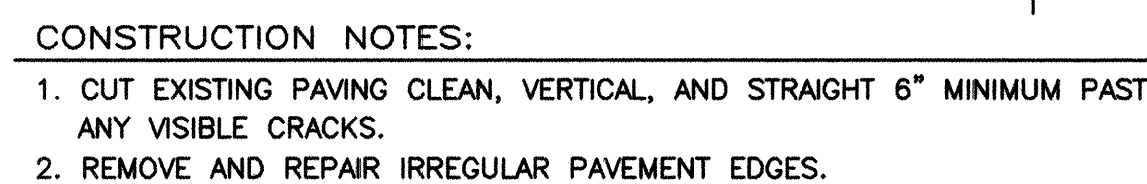


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TVI WORKFORCE TRAINING CENTER
EAGLE ROCK AVENUE
ROADWAY PLAN AND PROFILE (EAST)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	Mo./Day/Yr.	Mo./Day/Yr.
OCT 20 1999	MAR 30 2000		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No. 622881	Zone Map No. C-18-Z	Sheet 6	Of 11

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	CONTRACTOR	DATE	BENCH MARK	DATE	BENCH MARK	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
				"10-C18-1985" LOCATED AT THE INTERSECTION OF SAN PEDRO AND MODESTO AVE.											
				ELEV = 5219.41 (SLD 1929)											
MICRO-FILM INFORMATION				REVISIONS				DESIGN				CHECKED BY B. MCCARTY			
DATE	DATE	DATE	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
												DESIGNED B. MCCARTY	DATE 08/99	DRAWN BY P. GAUNA	DATE 08/99
												CHECKED BY B. MCCARTY	DATE 08/99		



 **CHAVEZ • GRIEVES**
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TVI WORKFORCE TRAINING CENTER
PAVING DETAILS

Design Review Committee APPROVED OCT 2 0 1999 DESIGN REVIEW COMMITTEE		City Engineer Approval APPROVED MAR 3 11 2000 CITY ENGINEER		Last Design Update	Ms./Day/Yr.	Ms./Day/Yr.
City Project No. 622881		Zone Map No. C-18-Z			Sheet 7	Of 11

JOB NO.: C11-120-5199
 FILE: G:\C11\120\DWG\TV_OSDT.DWG
 ENG./TECH.: BM/PG
 REV: 09/21/99 WWT

SCANNED BY
MESA REPRO

NOTE
FIELD VERIFY DEPTH OF EXISTING 8" MANHOLE PRIOR TO CONSTRUCTION OF ANY UTILITIES. IF DEPTH IS NOT ADEQUATE NOTIFY THE ENGINEER IMMEDIATELY IN ORDER TO RESOLVE UTILITY CONFLICTS.

NOTE
WATER MAIN AND FIRE HYDRANTS ARE PART OF BASE CONTRACT. ALL STORM DRAIN, SANITARY SEWER, WATER SERVICES, AND SANITARY SERVICES ARE PART OF THE ALTERNATIVE BID.

STA. 0+30± - 10' LT.
CONNECT TO EXIST. WATER STUB
VALVE # 392
SAWCUT REMOVE & REPLACE 35'x35' ASPHALT PAVEMENT PER DETAILS 3/7
EXISTING 8" SAS

BANBERRY DR.
STA. 0+00.00 EAGLE ROCK AVENUE = C SAN MATEO BOULEVARD
STA. 0+02± - 12' RT.
EXISTING STORM MANHOLE

EXISTING 36" STORM DRAIN
STA. 0+50.00 - 10' LT.
1-8"x6" TEE
1-FH (4' BURY)
FLANGE ELEV. = 56.4
31 LF 6" W
PER COA STD. DWG 2340

STA. 1+13.00 - 30' LT AND
STA. 1+16.00 - 30' RT
6" SAS SERVICE PER COA STD. 2125
INV. = 49.94

STA. 0+57.00 - 20' LT. & RT.
TYPE "C" SINGLE GRATE INLETS
TC = 56.07

STA. 0+73.00 - 20' LT. & RT.
TYPE "C" DOUBLE GRATE INLETS
TC = 56.21

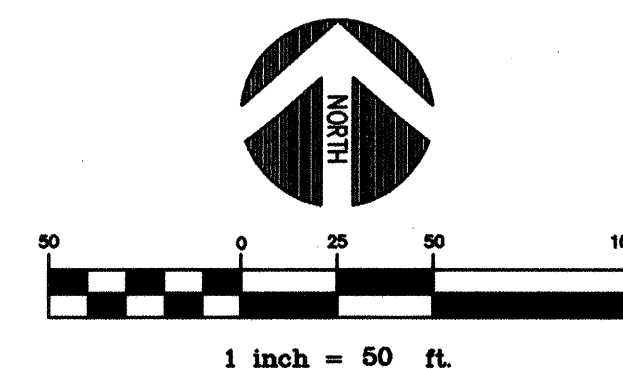
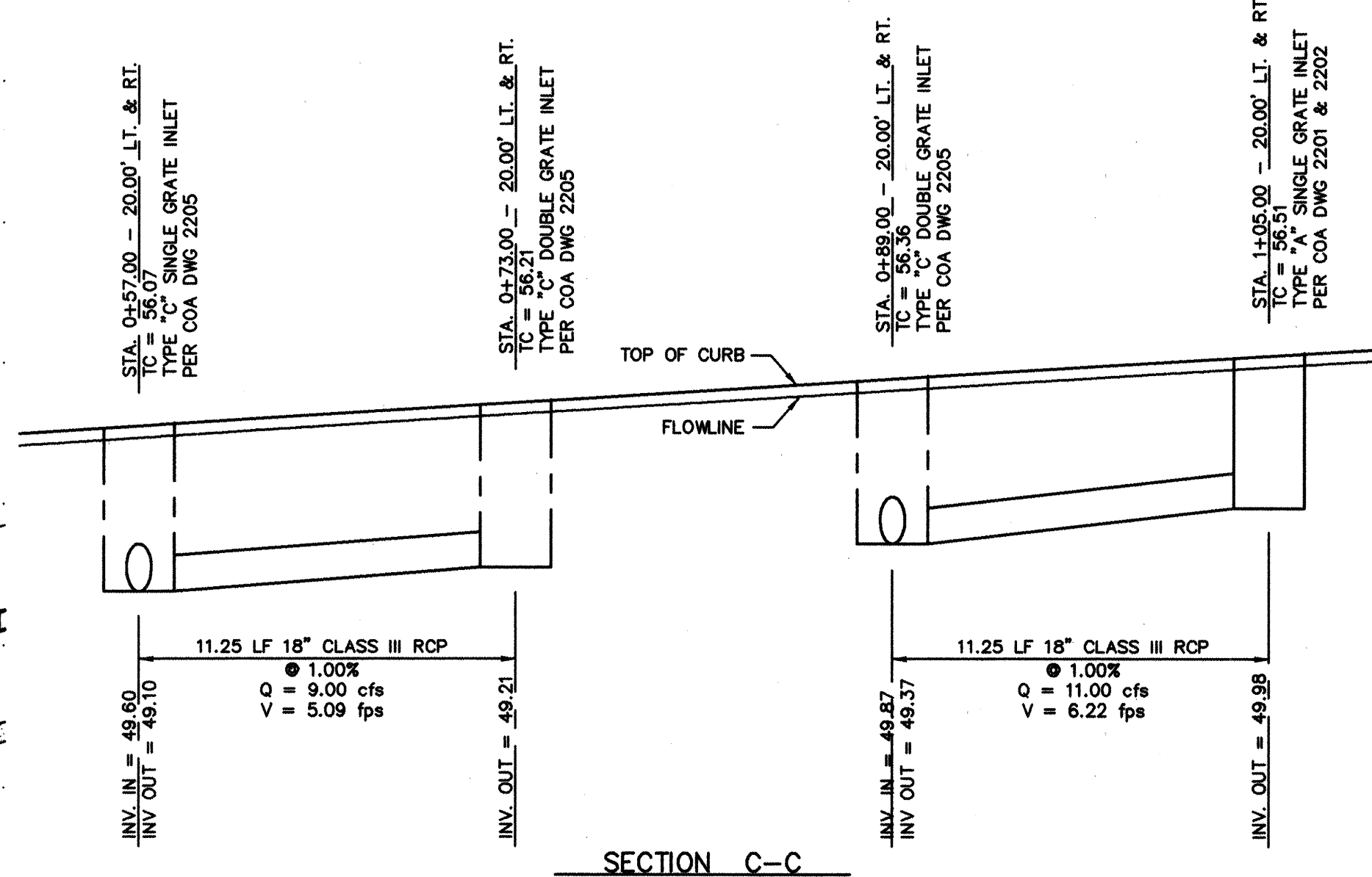
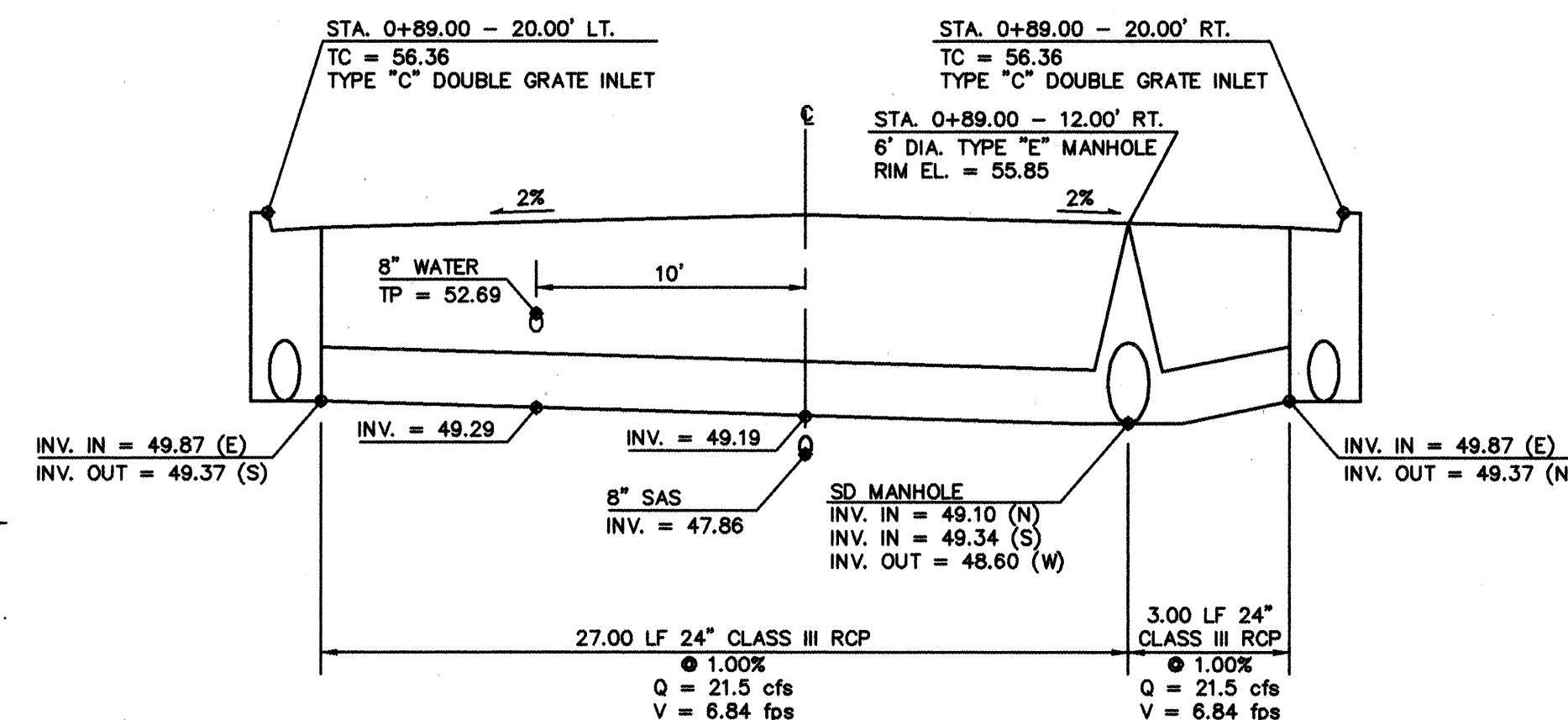
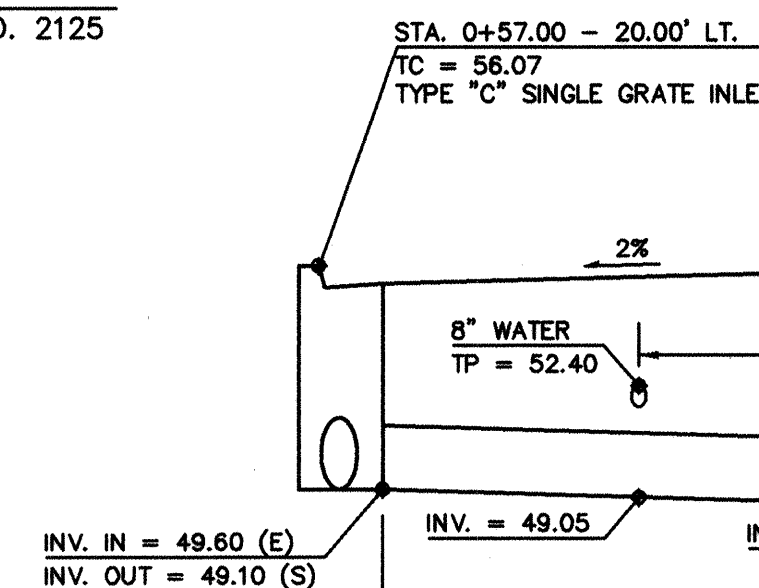
STA. 0+89.00 - 20' LT. & RT.
TYPE "C" DOUBLE GRATE INLETS
TC = 56.36

STA. 1+05.00 - 20' LT. & RT.
TYPE "A" SINGLE GRATE INLETS
TC = 56.51

STA. 2+45.00 - 30' LT. &
STA. 2+48.00 - 30' RT
6" SAS SERVICE PER COA STD. 2125
INV. = 51.69

STA. 4+10.00 - 30' LT. &
STA. 4+13.00 - 30' RT
6" SAS SERVICE PER COA STD. 2125
INV. = 55.90

STA. 5+75.00 - 30' LT. &
STA. 5+78.00 - 30' RT
6" SAS SERVICE PER COA STD. 2125
INV. = 60.10



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: TVI WORKFORCE TRAINING CENTER
EAGLE ROCK AVENUE
UTILITY PLAN AND PROFILE (WEST)

DESIGN REVIEW COMMITTEE	CITY ENGINEER	Mo. 05/99	Mo. 05/99
City Project No. 622881	Zone Map No. C-18-Z	Sheet 8	Of 11

RESTRAINING LENGTHS	
FITTING	LR
8" GATE VALVE	60'
8" x6" TEE	RUN 7', BRANCH 5'

LR = LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTING. FOR TEES, ALL THREE LEGS SHALL BE RESTRAINED FOR DISTANCE OF "LR". FOR REDUCERS, "LR" IS GIVEN FOR THE LARGER DIAMETER SIDE OF THE FITTING AND NO RESTRAINING IS REQUIRED ON THE SMALL SIDE OF THE FITTING. GATE VALVES SHALL BE MECHANICALLY RESTRAINED AND INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2333 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

UTILITY NOTES
1. RESTRAINED JOINTS, SUCH AS MEGA-LUG EQUIVALENT BRANDS ACCEPTABLE TO THE ENGINEER, SHALL BE USED ON ALL TEES, BENDS, CROSSES & CAPS IN LIEU OF CONCRETE THRUST BLOCKING. RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT AND NO ADDITIONAL COMPENSATION, MEASUREMENT, OR PAYMENT WILL BE MADE THEREFOR.
2. ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH COA STD DWGS 2301 THRU 2380 INCLUSIVE.

WATER SHUT-OFF PLAN
1. VALVES NO. 392 AND "A" SHALL BE SHUT-OFF SO NON PRESSURE CONNECTIONS CAN BE MADE.
2. CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO VALVE SHUT-OFF. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

DATUM ELEV
5145.00

UTILITY PLAN and PROFILE

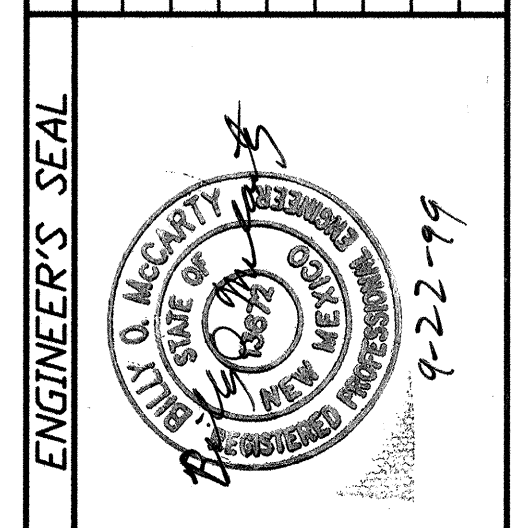
SCALE: 1" = 50' HORIZ
1" = 5' VERT.

SEE SHEET 1 FOR LEGEND

ALL WORK IDENTIFIED AS 'ALTERNATIVE BID' ON THIS PLAN SET SHALL BE CONSTRUCTED AS PART OF THIS CONTRACT.

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
INSPECTOR	DATE	BY	DATE
ACCEPTANCE	DATE	BY	DATE
VERIFICATION	DATE	BY	DATE
DRAWINGS	DATE	BY	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	NO.	

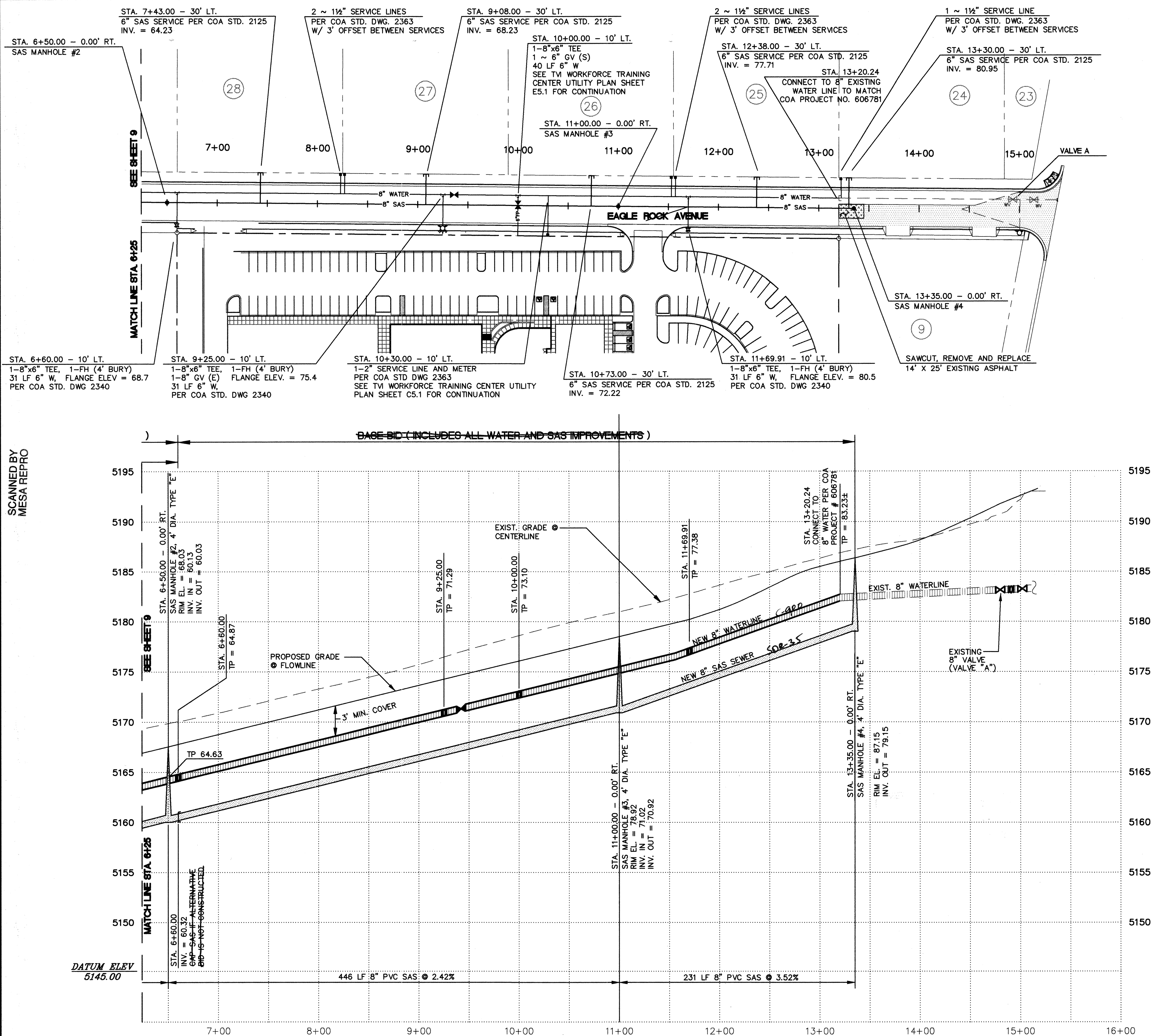
BENCH MARKS		SURVEY INFORMATION	
BENCH MARK: ACS ALUMINUM CAP STAMPED "10-C18-1985", LOCATED AT THE INTERSECTION OF SAN PEDRO AND MODESTO AVE. ELEV = 5219.41 (SLD 1929)		DATE	BY
NO.			



ENGINEER'S SEAL		REVISIONS	
BY	DATE	NO. DATE	REMARKS
B. McCarty	08/99		DESIGN
P. GAUNA	08/99		
B. McCarty	09/99		

JOB NO.: 01-120-5199
FILES: TVL, UTILITY, DWG
REV: 09/22/99 WMT

SCANNED BY
MESA REPRO



UTILITY PLAN and PROFILE

SCALE: 1" = 60' HORIZ
1" = 5' VERT.

SEE SHEET 1 FOR LEGEND

RESTRAINING LENGTHS

FITTING	LR
8" GATE VALVE	60'
8" x 6" TEE	RUN 7', BRANCH 5'

LR = LENGTH TO BE RESTRAINED EACH SIDE OF THE FITTING. FOR TEES, ALL THREE LEGS SHALL BE RESTRAINED FOR DISTANCE OF "LR". FOR REDUCERS, "LR" IS GIVEN FOR THE LARGER DIAMETER SIDE OF THE FITTING AND NO RESTRAINING IS REQUIRED ON THE SMALL SIDE OF THE FITTING. GATE VALVES SHALL BE MECHANICALLY RESTRAINED AND INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2333 IN ADDITION TO THE MECHANICALLY RESTRAINED LENGTHS. ALL CAPS SHALL BE INSTALLED WITH CONCRETE BLOCKING PER COA STD DWG 2320. RESTRAIN ALL JOINTS ON FIRE HYDRANTS.

UTILITY NOTES

- RESTRAINED JOINTS, SUCH AS MEGA-LUG EQUIVALENT BRANDS ACCEPTABLE TO THE ENGINEER, SHALL BE USED ON ALL TEES, BENDS, CROSSES & CAPS IN LIEU OF CONCRETE THRUST BLOCKING. RESTRAINED JOINTS SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT AND NO ADDITIONAL COMPENSATION, MEASUREMENT, OR PAYMENT WILL BE MADE THEREFORE.
- ALL FIRE HYDRANTS & FITTINGS ETC. SHALL BE BUILT IN ACCORDANCE WITH COA STD DWGS 2301 THRU 2380 INCLUSIVE.

WATER SHUT-OFF PLAN

- VALVES NO. 392 AND "A" SHALL BE SHUT-OFF SO NON PRESSURE CONNECTIONS CAN BE MADE.
- CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO VALVE SHUT-OFF. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

ALL WORK IDENTIFIED AS 'ALTERNATIVE BID' ON THIS PLAN SET SHALL BE CONSTRUCTED AS PART OF THIS CONTRACT.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TVI WORKFORCE TRAINING CENTER
EAGLE ROCK AVENUE
UTILITY PLAN AND PROFILE (EAST)

DESIGN REVIEW COMMITTEE	CITY ENGINEER	Mo. 7/05/99	Mo. 7/05/99
APPROVED OCT 20 1999	APPROVED MAR 30 2000		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
622881	C-18-Z	9	11