

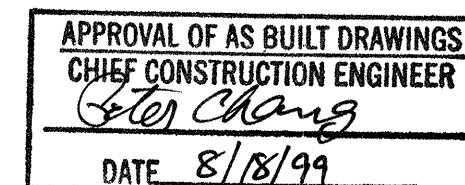
CONSTRUCTION PLANS FOR **TRAMWAY HIGHLANDS SUBDIVISION, PHASE II**

ROADWAY & UTILITY DESIGN

CITY OF ALBUQUERQUE
NEW MEXICO
MAY 1998

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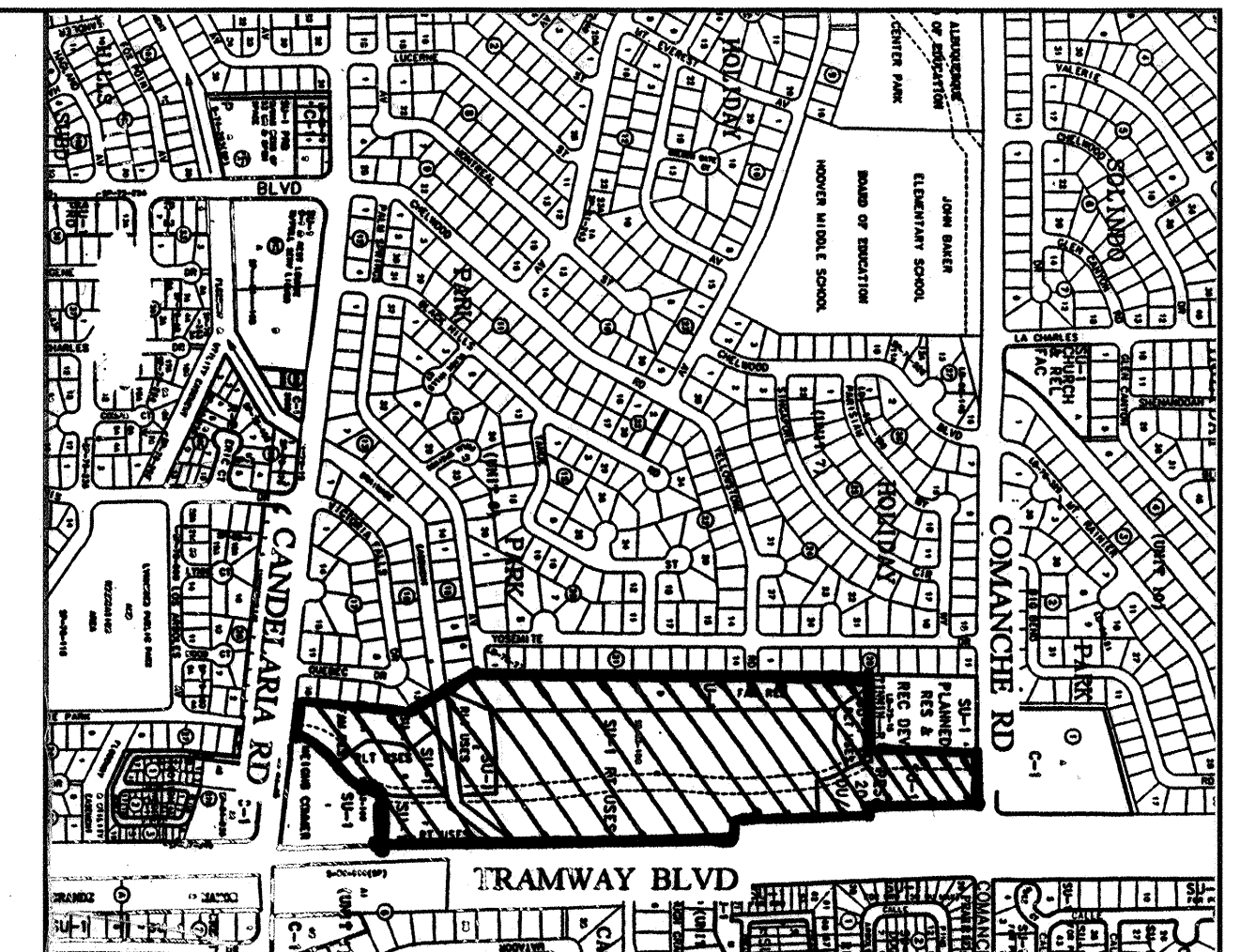
- | | |
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| 2. PLAT | 17. PAVING IMPROVEMENTS
LOTS 103-108 / LOTS 109-114 / LOTS 115-120 / CATSKILL WAY |
| 3. PLAT | 18. PAVING IMPROVEMENTS
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| 14. PAVING IMPROVEMENTS
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| 15. PAVING IMPROVEMENTS
FOUNTAIN HILL LANE / MANGAS TRAIL | |



COA INSPECTOR: RON RUTLEDGE

DRB #97-140

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EXPRESSLY RESERVES THE COMMON LAW COPYRIGHT AND
OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS
ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN
ANY MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED
TO ANY THIRD PARTY WITHOUT OBTAINING THE EXPRESS
WRITTEN PERMISSION AND CONSENT OF TERRA WEST
DEVELOPMENT MANAGEMENT SERVICES.



VICINITY MAP ZONE ATLAS G-22-Z

SCALE NONE

NOTICE TO CONTRACTORS

- ALL 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, 1988 EDITION (UPDATE #6).
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) 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.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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 DESIGNER'S EXPENSE.

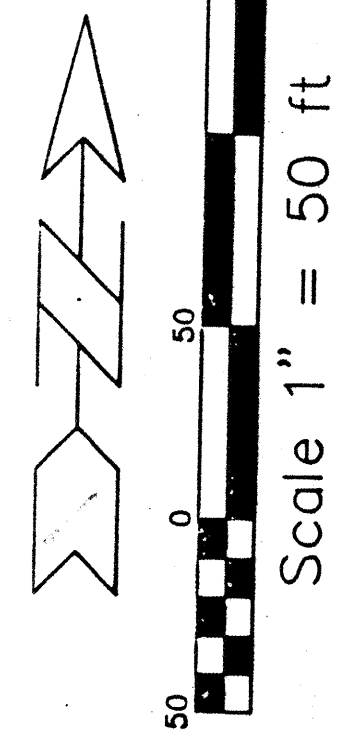
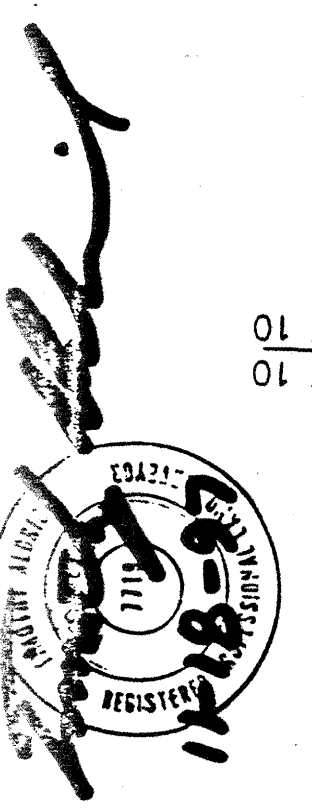
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEEPENED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

RECORD DRAWING	
DATE: JANUARY 29, 1999	DRAFTED BY: R. W. TERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.	

TERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		S. G. Rutledge		6-2-98	
		Transportation		R. W. Rutledge		5-15-98	
		Water/Wastewater		R. W. Rutledge		5-14-98	
		Hydrology		R. W. Rutledge		5-14-98	
		C.I.P.		R. W. Rutledge		5-14-98	
Constr. Mngmt.		R. W. Rutledge		5-14-98		5-14-98	
Constr. Coord.		R. W. Rutledge		N/A		N/A	
CITY PROJECT NO.				SHEET			
578182				1 OF 25			



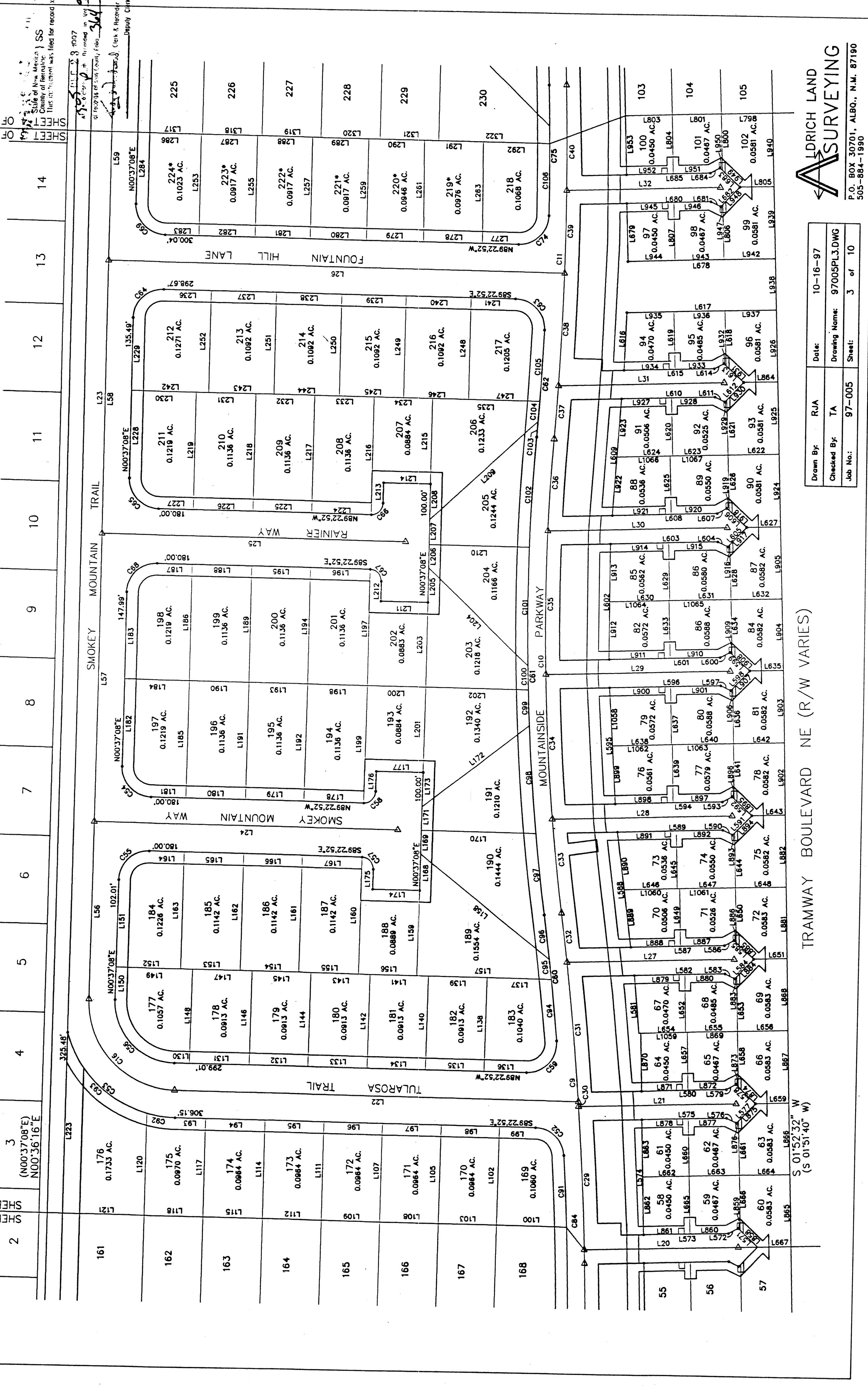
SEE SHEETS 5, 6, 7 & 9
FOR EASEMENT DATA.

HOLIDAY PARK
UNIT 7, BLOCK 21
(08-24-66, D3-149)

SEE SHEET 8 OF 10 AND
SHEET 9 OF 10 FOR LINE
AND CURVE DATA.

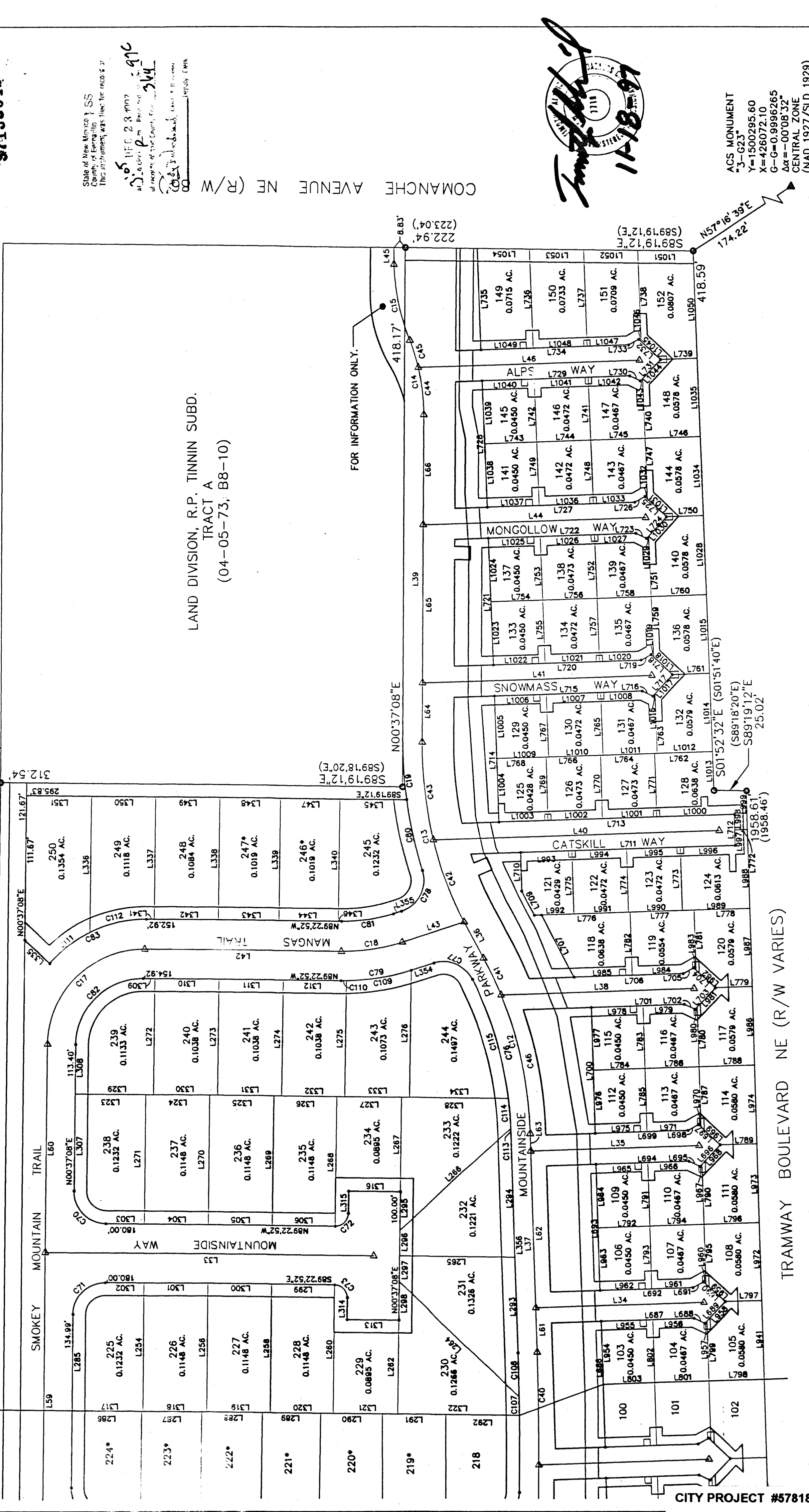
SEE SHEET 10 OF 10
FOR TRACT INFORMATION.

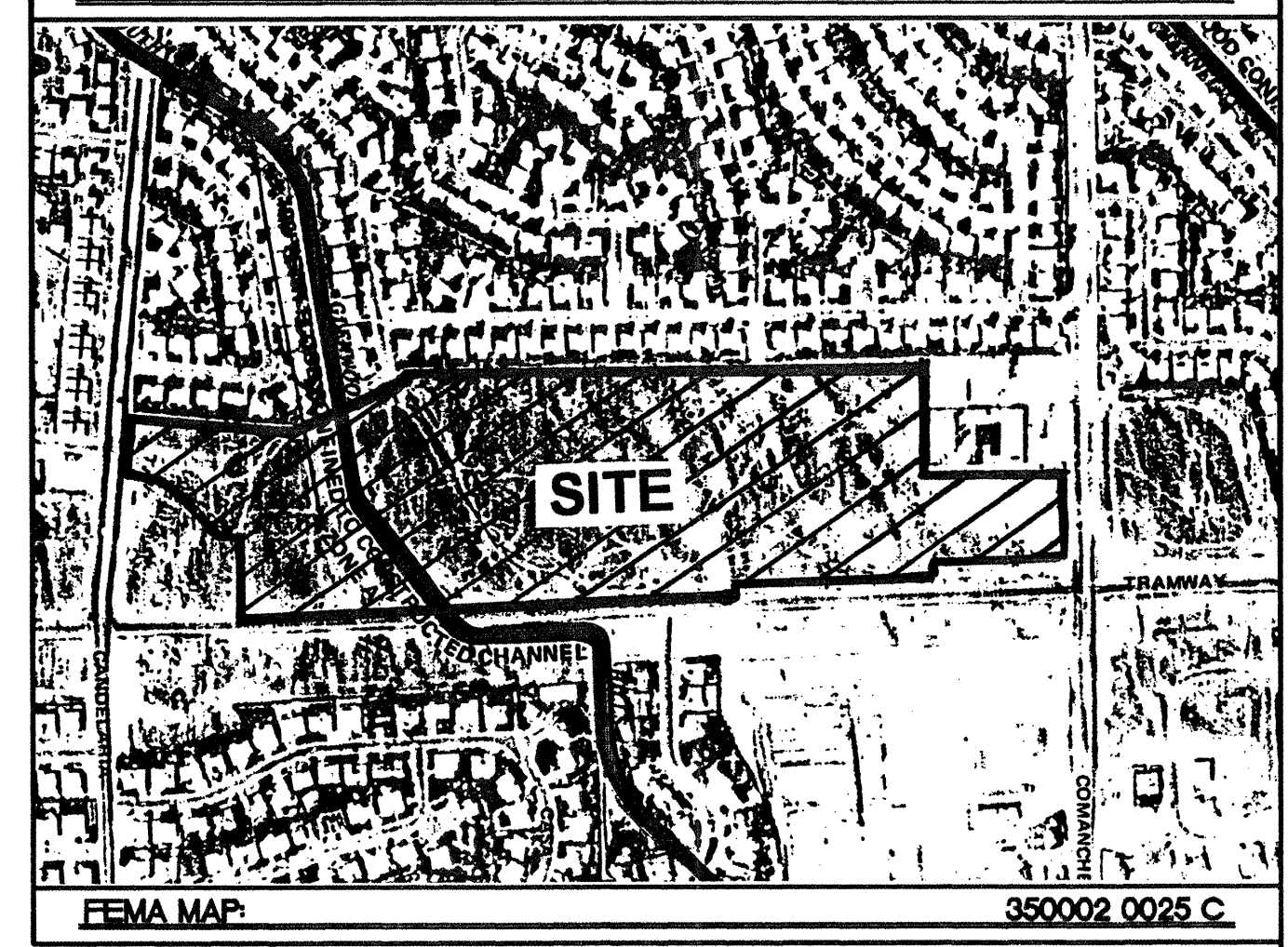
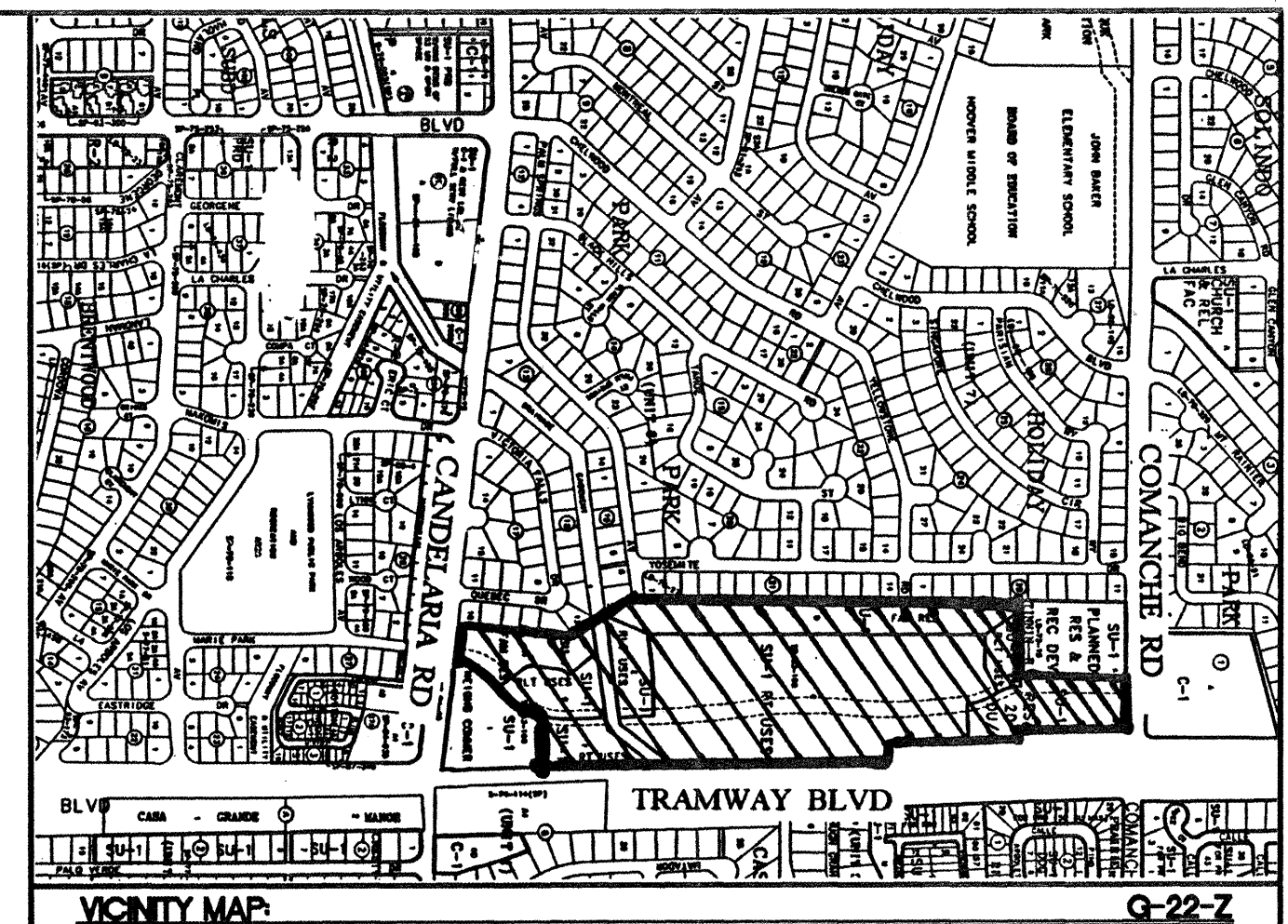
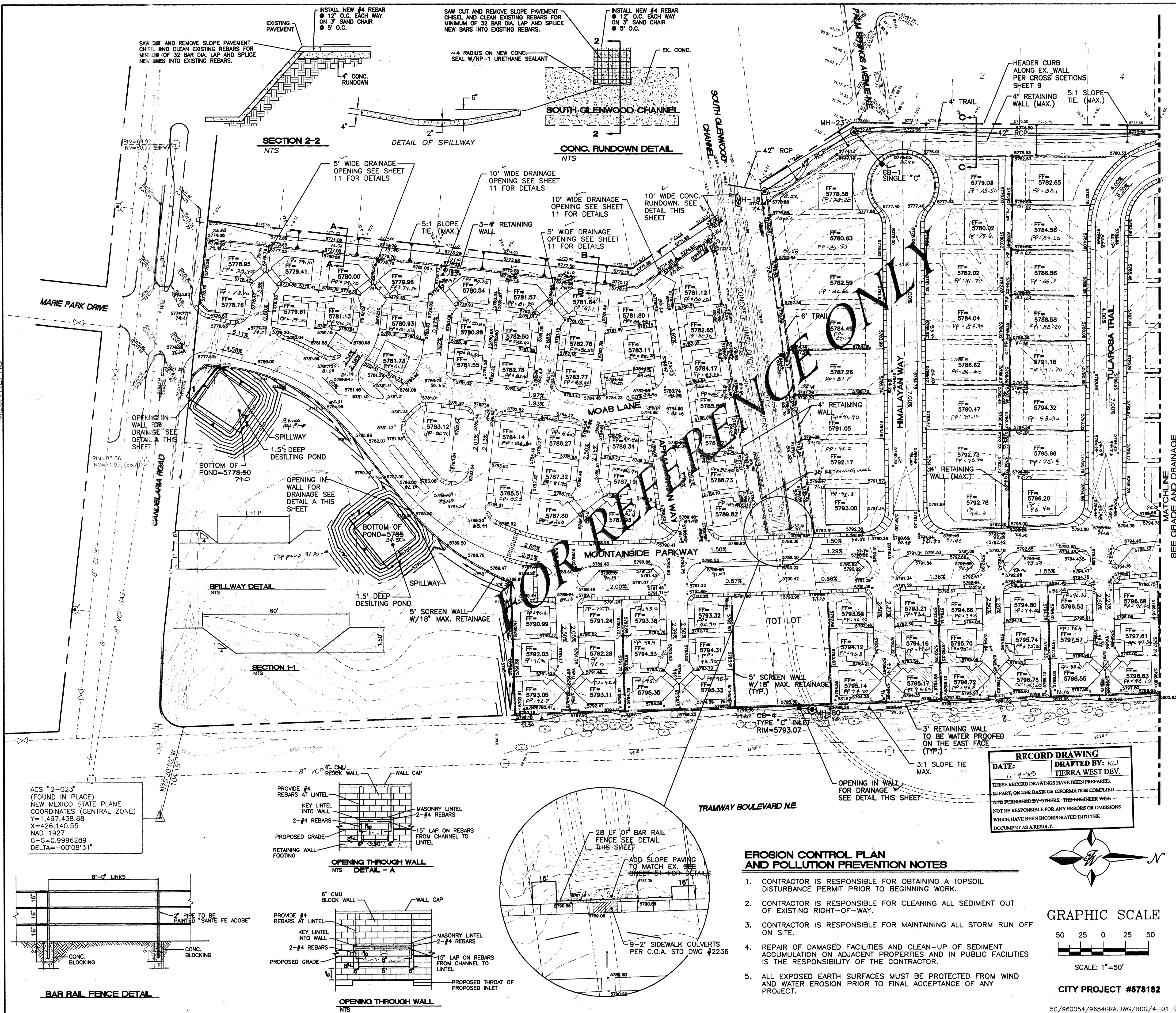
PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997



PLAT FOR
TRAMWAY HIGHLANDS SUBDIVISION
SECTION 3
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
OCTOBER, 1997

971350412





LEGAL DESCRIPTION:
TRACT A, B, C, D, E, G, AND H, R.P. TININ SUBDIVISION, SECTION 3,
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPS

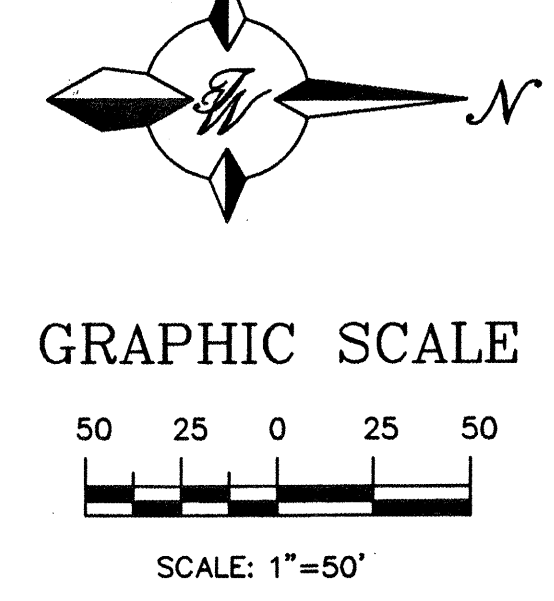
NOTES:
1. SEE SHEET 10 FOR CROSS SECTIONS.
2. GARAGES WILL HAVE A 4" STEP FROM THE FINISH FLOOR DOWN AND
WITH A DROP OF 2" ACROSS GARAGE FOR A SLOPE
compliance with approved grading and drainage plan dated 4-2-98. Survey
information was supplied by ALDRICH LAND SURVEYING, in accordance with
normal surveying practices.

LEGEND
EXISTING SAS MANHOLE
EXISTING METER
EXISTING VALVE W/BOX
EXISTING FIRE HYDRANT
EXISTING AIR RELEASE VALVE
EXISTING REDUCER
EXISTING SANITARY SEWER LINE
EXISTING WATER LINE
EXISTING CURB & GUTTER
EXISTING CONTOUR (MAJOR)
EXISTING CONTOUR (MINOR)
BOUNDARY LINE
EASEMENT
LIMITS OF TOP OF EXISTING SLOPE
PROPOSED SIDEWALK
PROPOSED TRAIL

RECORD DRAWING
DATE: 11-9-98 DRAFTED BY: RW
TERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED,
IN PART, ON THE BASIS OF INFORMATION COMPILED
AND FURNISHED BY OTHERS. THE ENGINEER WILL
NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS
WHICH HAVE BEEN INCORPORATED INTO THE
DOCUMENT AS A RESULT.

**EROSION CONTROL PLAN
AND POLLUTION PREVENTION NOTES**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL
DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT
OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF
ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT
ACCUMULATION 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.

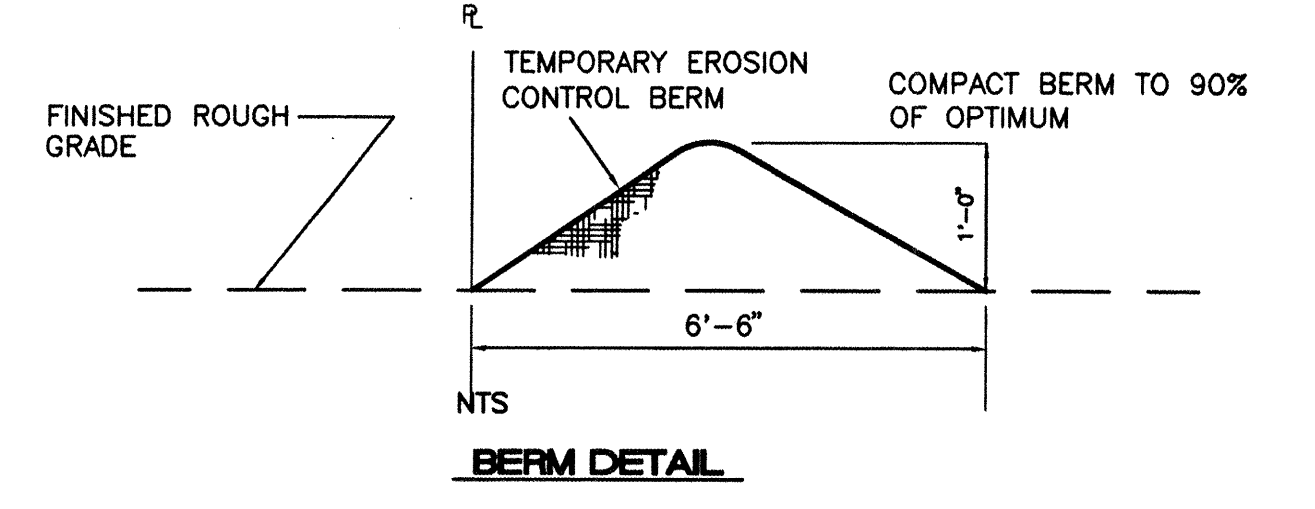
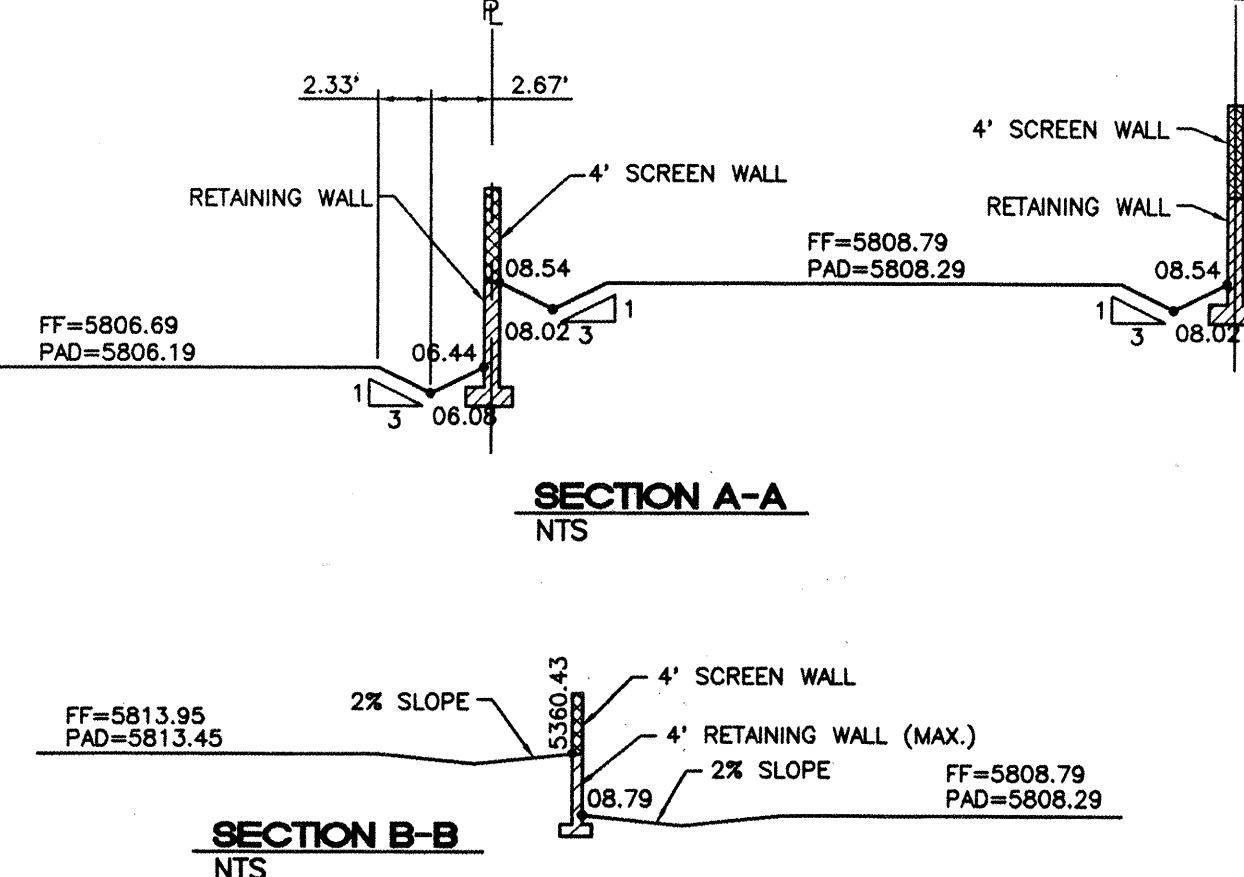
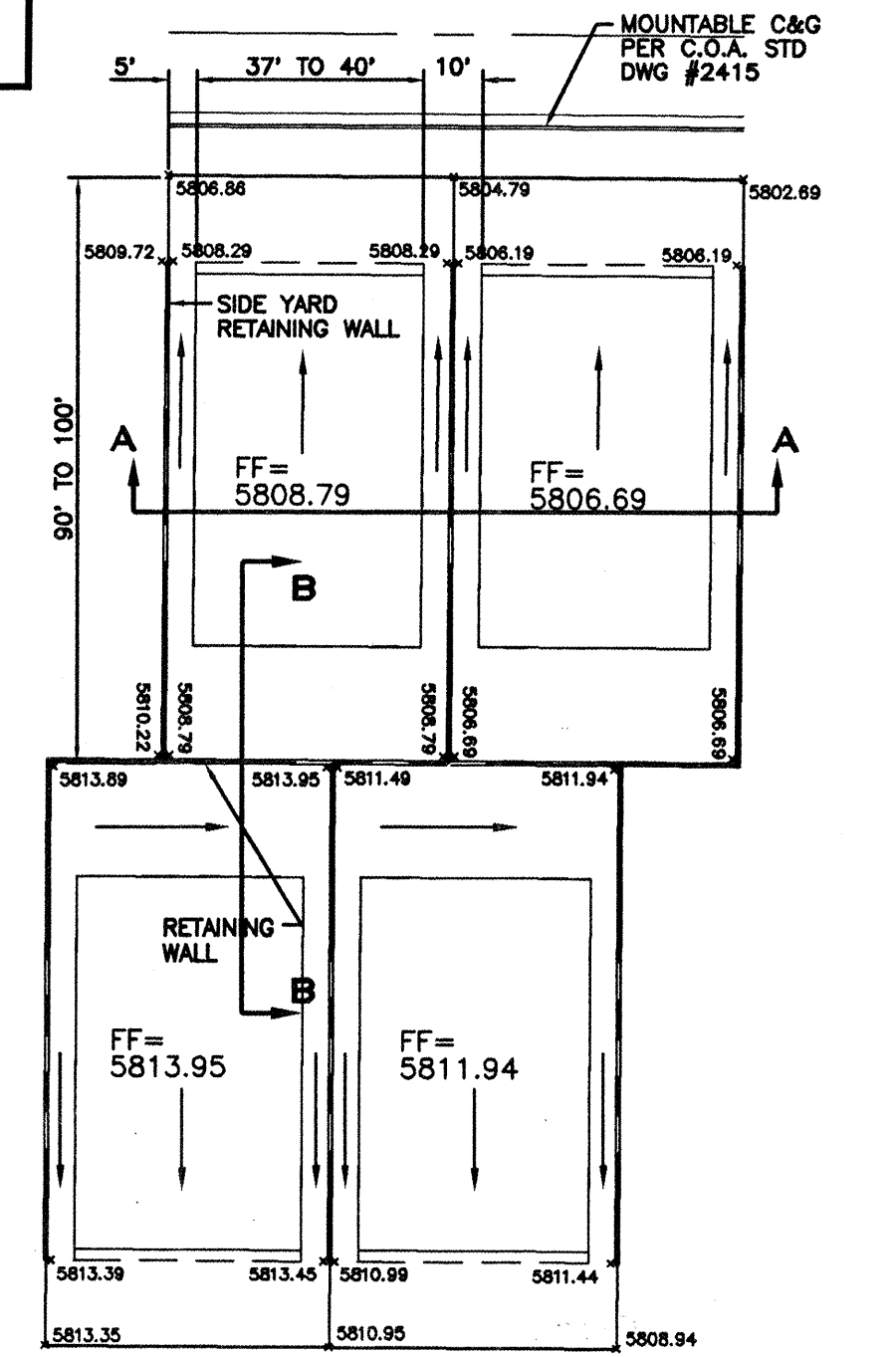
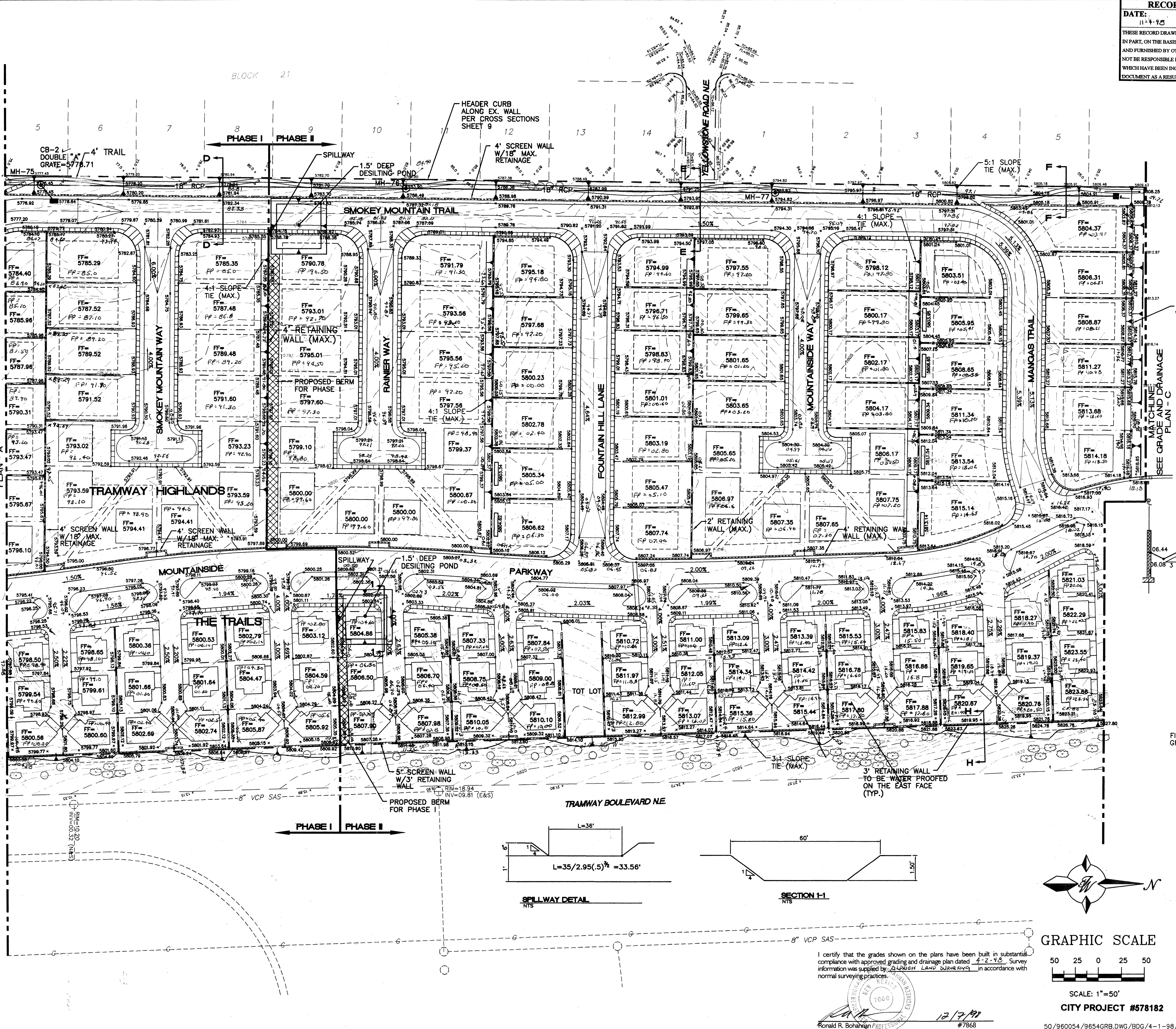
ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION GRADING AND DRAINAGE PLAN - A TERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	DRAWN BY BDG DATE 4-23-97 9654GRADWG SHEET # 7 OF 25 JOB # 960054
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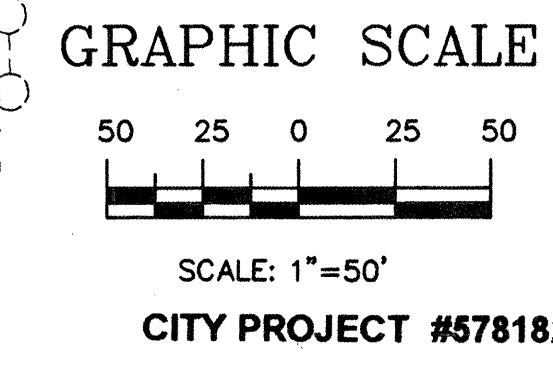
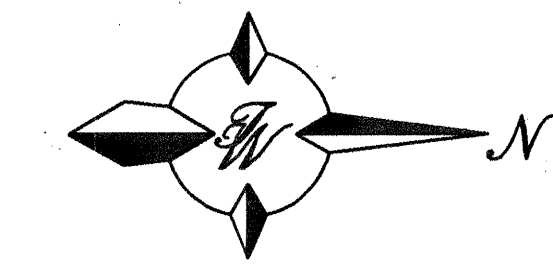
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DATE: 11-4-95 **DRAFTED BY:** R6
TERRA WEST DEV.
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SCANNED BY
 MESA REPRO

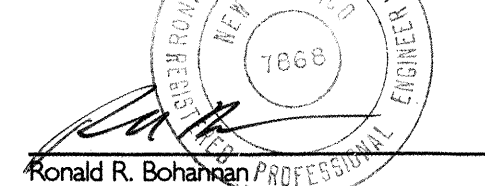
MATCHLINE
 SEE GRADE AND DRAINAGE
 PLAN - A

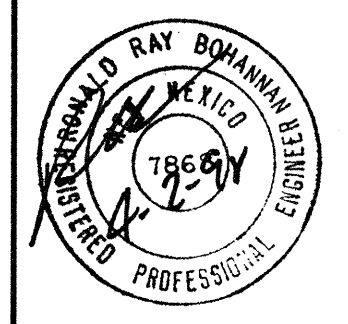


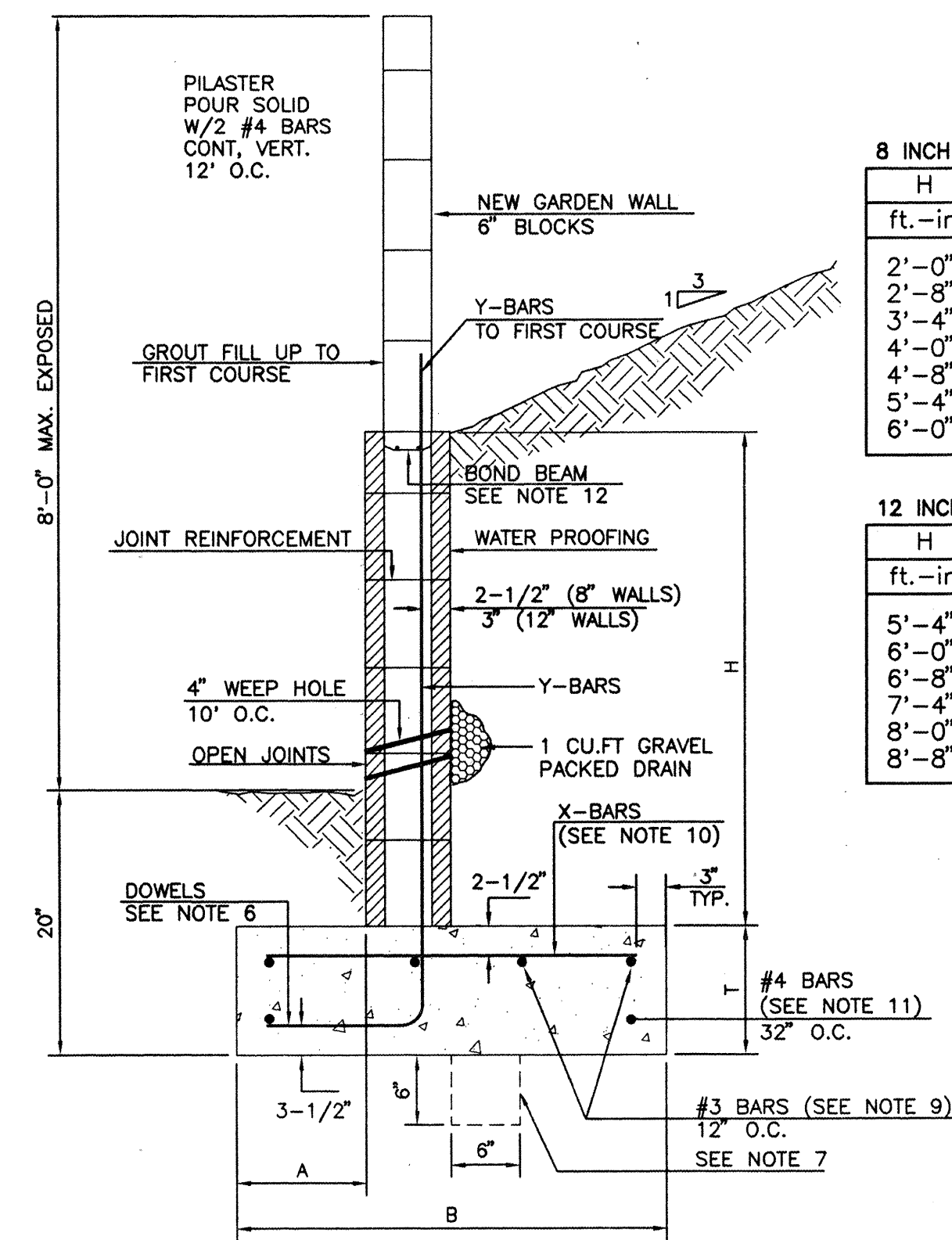
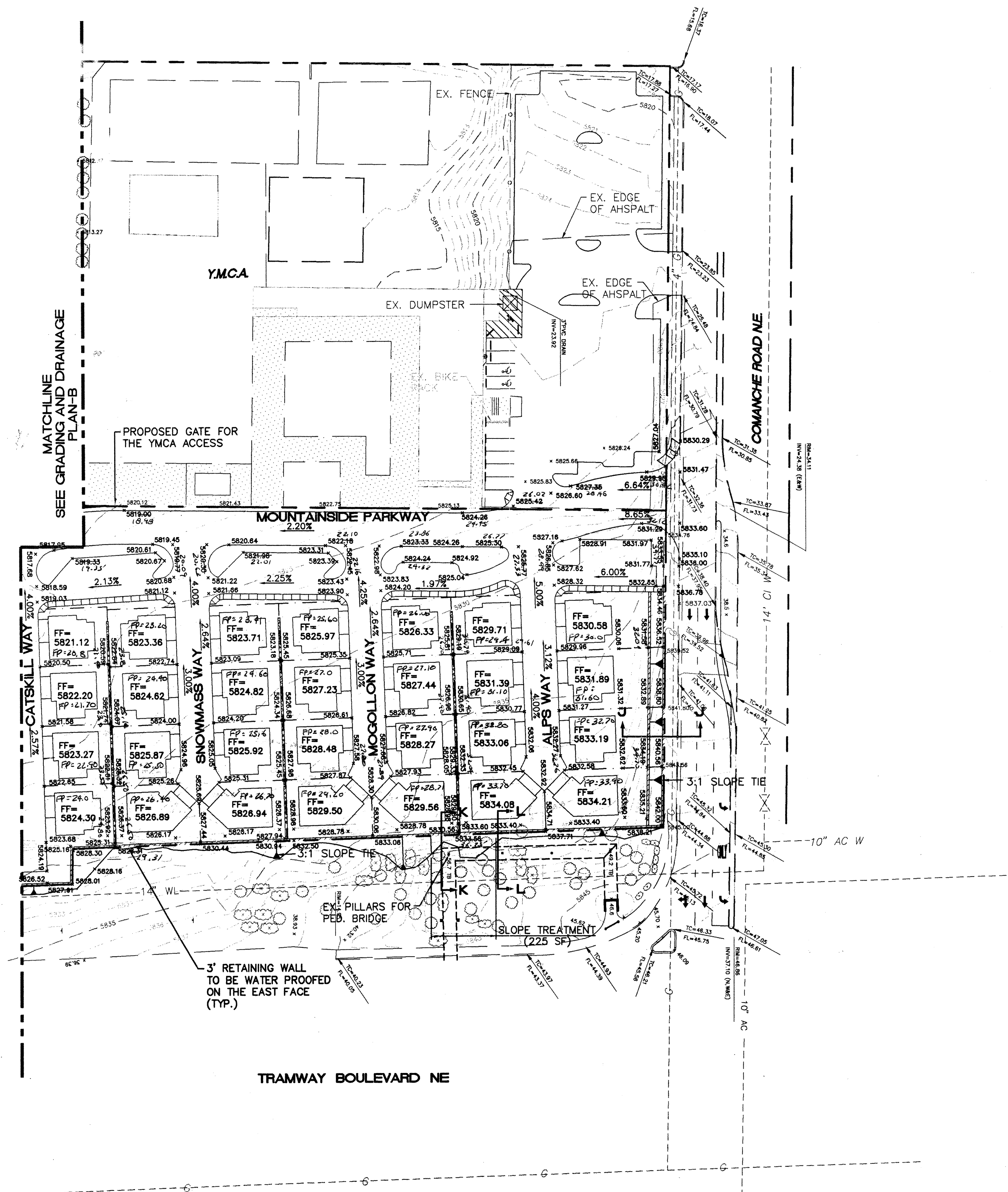
- NOTES**
 1. SEE SHEET 10 FOR CROSS SECTIONS.
 2. SEE GRADING AND DRAINAGE PLAN - A FOR BENCH MARK.



I certify that the grades shown on the plans have been built in substantial compliance with approved grading and drainage plan dated 4-2-95. Survey information was supplied by ALBUQUERQUE LAND SURVEYING in accordance with normal surveying practices.



ENGINEER'S SEAL  RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION GRADING AND DRAINAGE PLAN - B		DRAWN BY BDG
	TERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592		DATE 4-23-97
	SHEET # 8 OF 25		JOB # 960054
	CITY PROJECT #578182 50/960054/9654GRB.DWG/BDG/4-1-98/		



RETAINING WALL DETAIL

NOT TO SCALE

8 INCH REINFORCED CONCRETE MASONRY WALL

H	X	A	B	T	Y-BARS	X-BARS
ft.-in.	ft.-in.	in.	ft.-in.	in.		
2'-0"	1'-1"	8"	2'-4"	9"	#3 @32" O.C.	
2'-8"	1'-9"	8"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
3'-4"	2'-5"	8"	2'-4"	9"	#3 @32" O.C.	#3 @27" O.C.
4'-0"	3'-1"	10"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
4'-8"	3'-10"	12"	3'-4"	10"	#5 @32" O.C.	#3 @27" O.C.
5'-4"	4'-6"	14"	3'-8"	10"	#4 @16" O.C.	#4 @30" O.C.
6'-0"	5'-3"	16"	4'-2"	12"	#6 @24" O.C.	#4 @25" O.C.

12 INCH REINFORCED CONCRETE MASONRY WALL

H		X		A		B		T		Y-BARS		X-BARS	
ft.-in.	ft.-in.	in.	ft.-in.	in.									
5'-4"	4'-8"	14"	3'-8"	10"	#4	⊙24"	O.C.	#3	⊙25"	O.C.			
6'-0"	5'-4"	15"	4'-2"	12"	#4	⊙16"	O.C.	#4	⊙20"	O.C.			
6'-0"	6'-8"	16"	4'-2"	12"	#4	⊙16"	O.C.	#4	⊙20"	O.C.			
7'-4"	6'-8"	18"	4'-10"	12"	#5	⊙16"	O.C.	#5	⊙22"	O.C.			
8'-0"	7'-4"	20"	5'-4"	12"	#7	⊙24"	O.C.	#5	⊙21"	O.C.			
8'-8"	8'-0"	20"	5'-8"	12"	#7	⊙16"	O.C.	#5	⊙21"	O.C.			

GENERAL NOTES:

1. ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE $\pm$ 2.0%.
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWNFALL SHALL BE 12" ON EACH SIDE OF WALLS AT SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. PROVIDE KEY FILLING AND 12" WALLS WHERE H EXCEEDS 6'-0"
8. USE OTHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.
9. #3 BARS TO BE USED ON WALLS EXCEEDING 2'-6" HEIGHT
10. X BARS TO BE USED ON WALLS EXCEEDING 2'-6" HEIGHT
11. #4 BARS TO BE USED ON WALLS LESSER THAN 3'-4"
12. BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".

RECORD DRAWING

DATE:	DRAFTED BY: <i>RW</i>
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11/4/78

TIERRA WEST DEV.

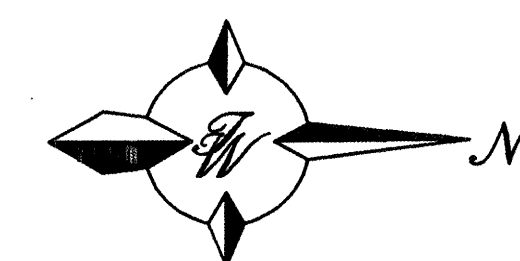
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LEGEND

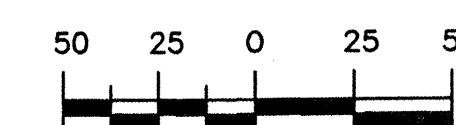
	EXISTING MANHOLE
	EXISTING METER
	EXISTING VALVE W/BOX
	EXISTING FIRE HYDRANT
	EXISTING AIR RELEASE VALVE
	EXISTING REDUCER
--- EX. 9" SAS ---	EXISTING SANITARY SEWER LINE
--- EX. 16" WL ---	EXISTING WATER LINE
.. .. .	EXISTING CURB & GUTTER
----- 5005 -----	EXISTING CONTOUR (MAJOR)
----- 2074 -----	EXISTING CONTOUR (MINOR)
=====	BOUNDARY LINE
----	EASEMENT
- - - - -	LIMITS OF TOP OF EXISTING SLOPE
[][][][][][][][][][][][][][][][]	PROPOSED SIDEWALK
=====	PROPOSED TRAIL

NOTE:

1. SEE SHEET 10 FOR CROSS SECTIONS
2. SEE GRADING AND DRAINAGE PLAN - A FOR BENCH MARK.



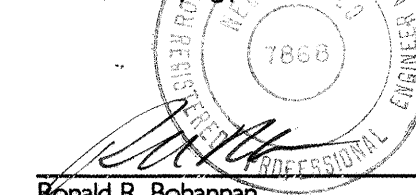
GRAPHIC SCALE



SCALE: 1"=50'

CITY PROJECT #578182

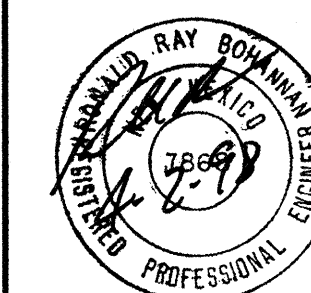
I certify that the grades shown on the plans have been built in substantial compliance with approved grading and drainage plan dated 4-2-98. Survey information was supplied by Wishard Land Surveying in accordance with normal surveying practices.



Ronald R. Bohannan

12/7/98
#7868

50/960054/9654GRC.DWG/BDG/4-01-98/

ENGINEER'S
SEAL

RONALD R. BOHANNAN
P.E. #7868

TRAMWAY HIGHLANDS SUBDIVISION	
----------------------------------	--

GRADING AND DRAINAGE PLAN - C

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

DRAWN
BY BDC

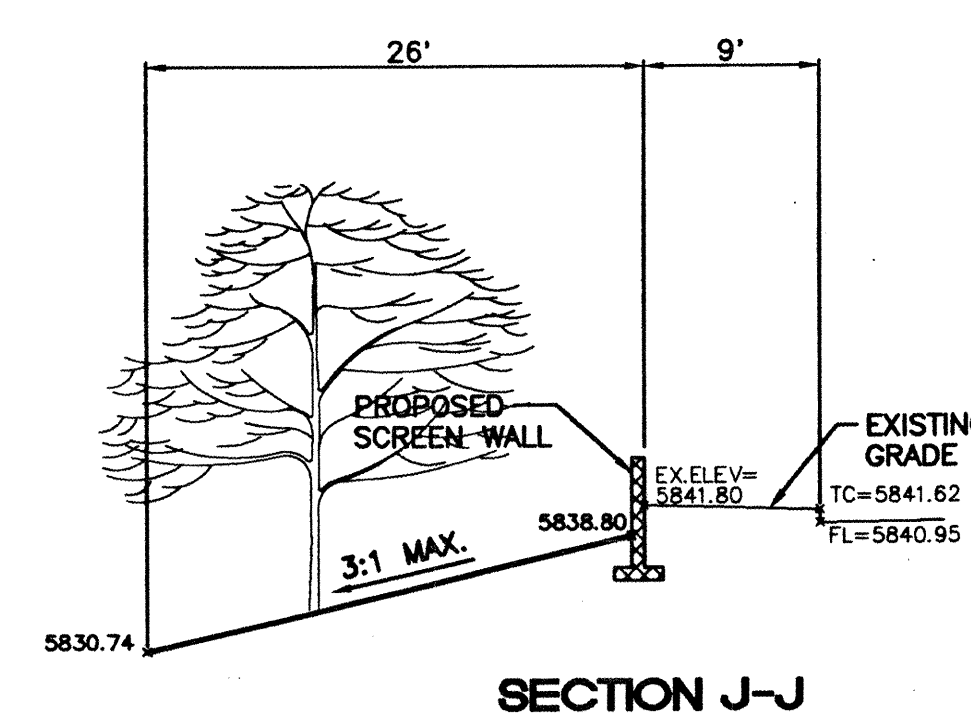
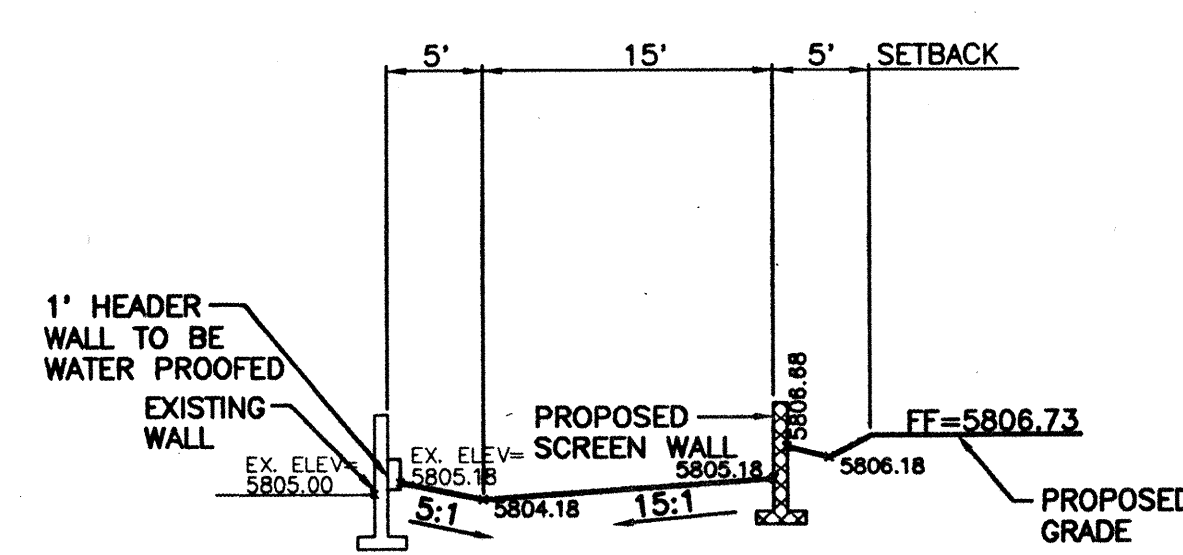
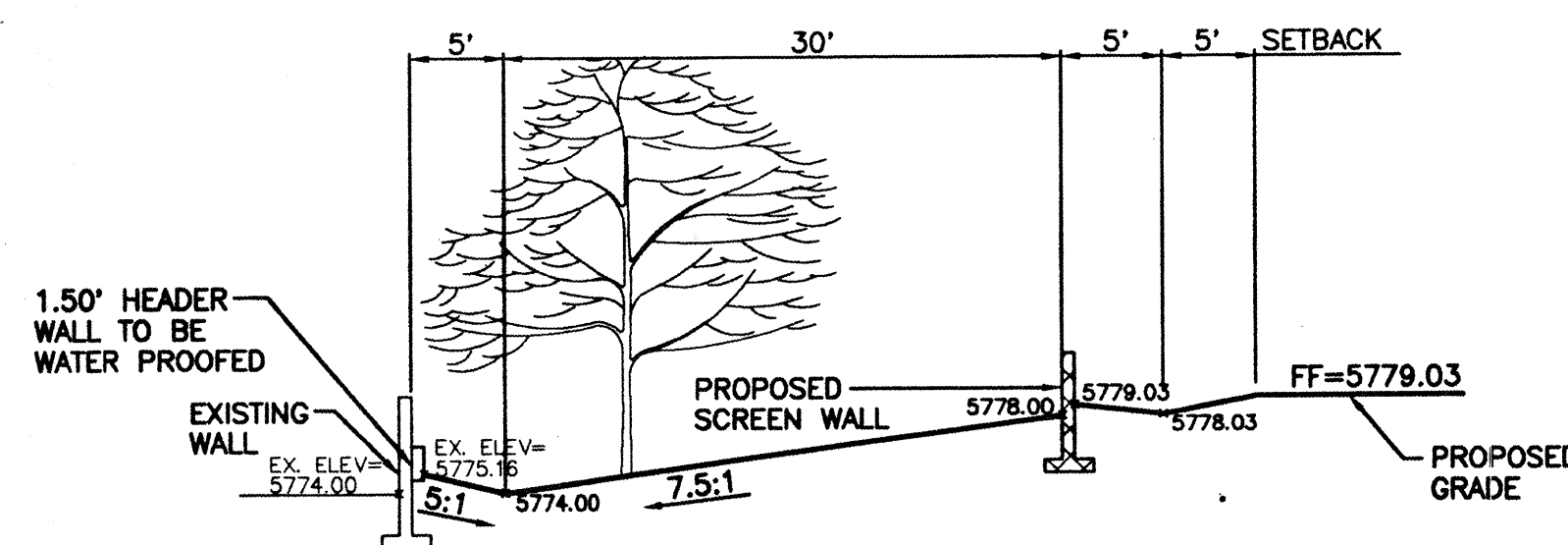
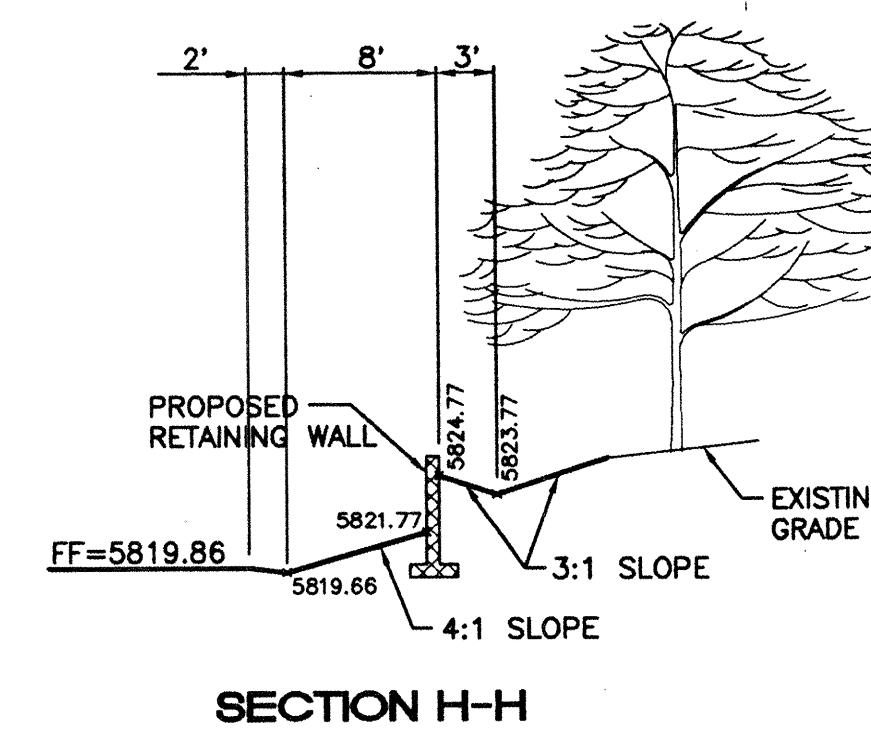
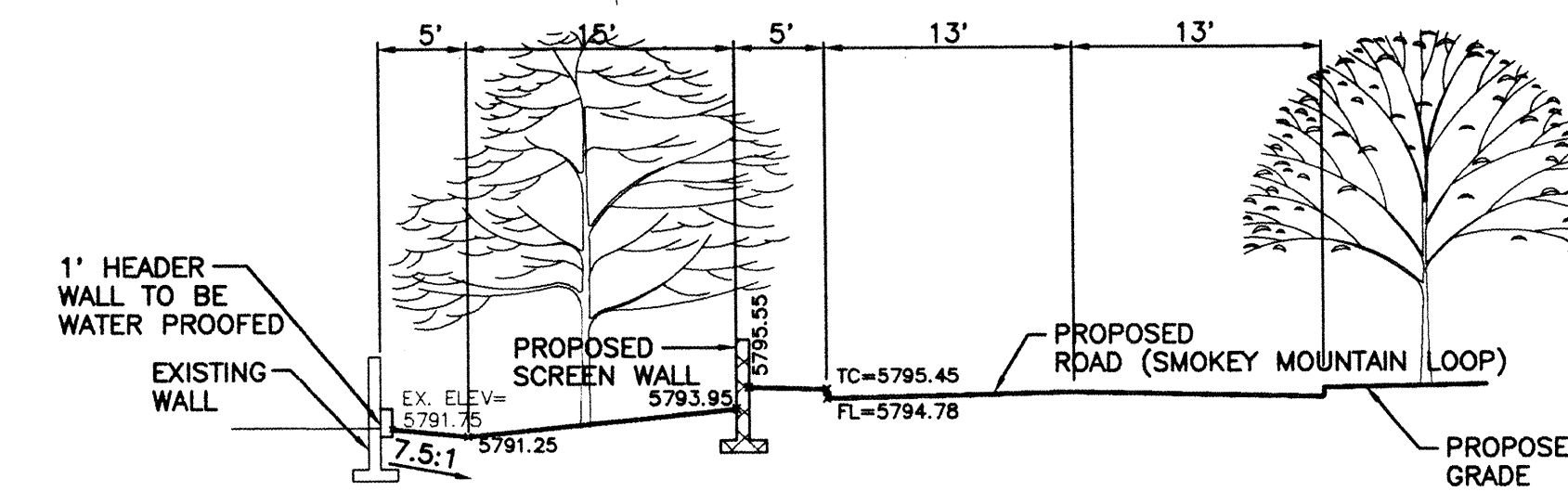
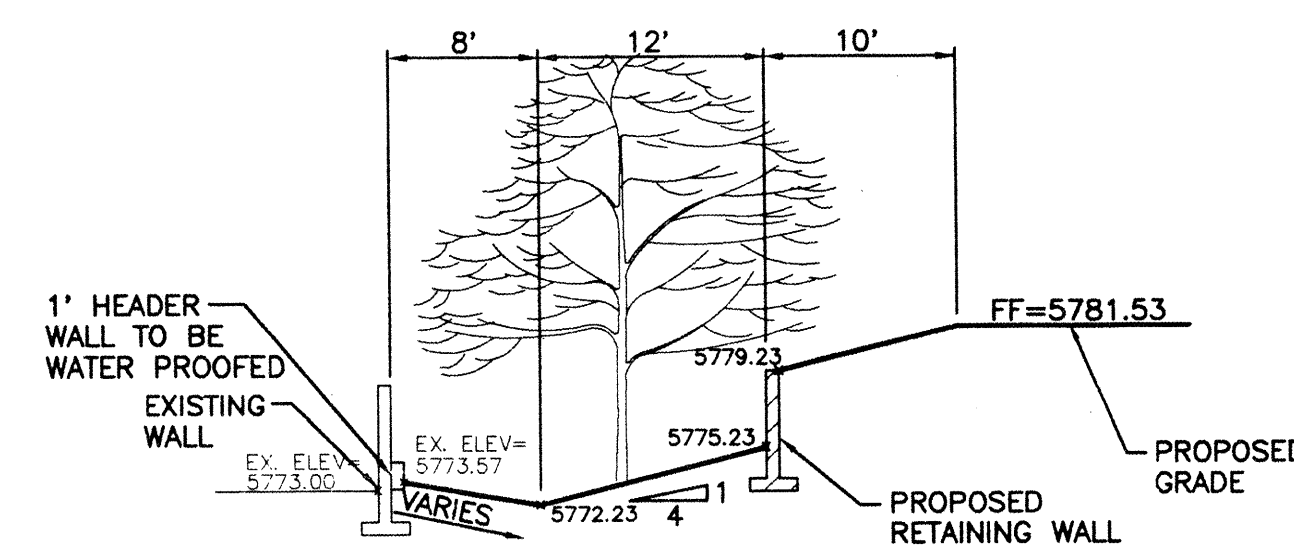
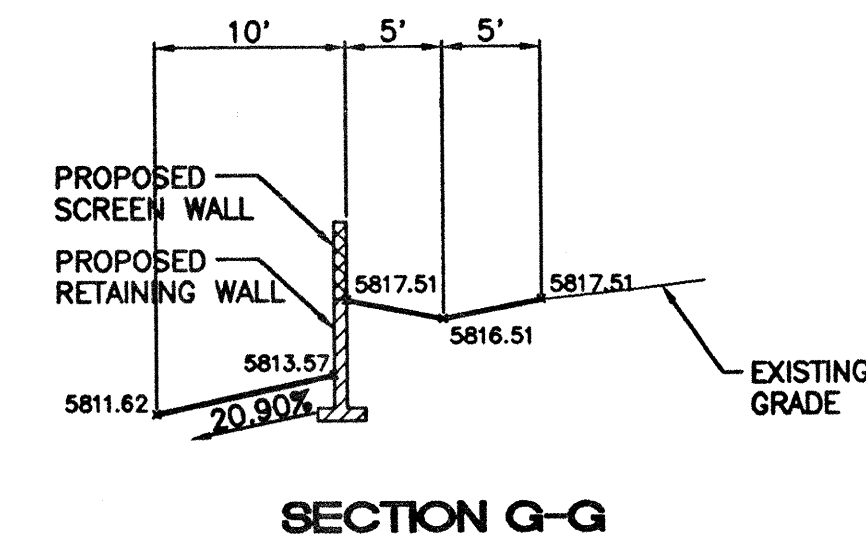
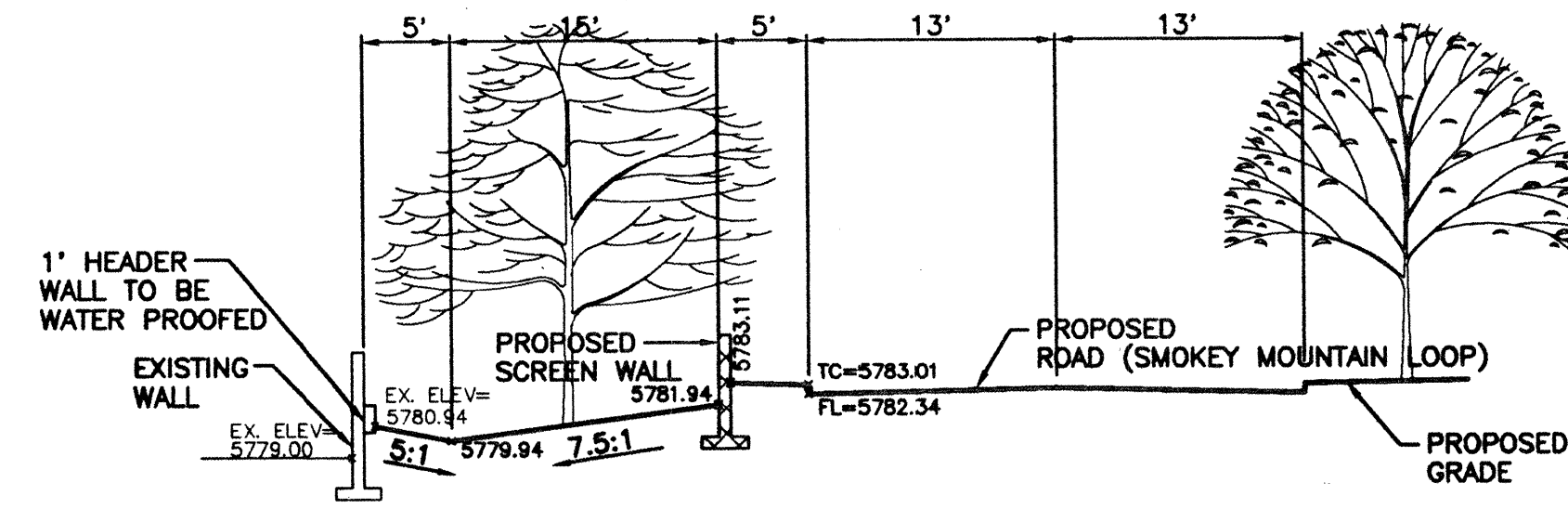
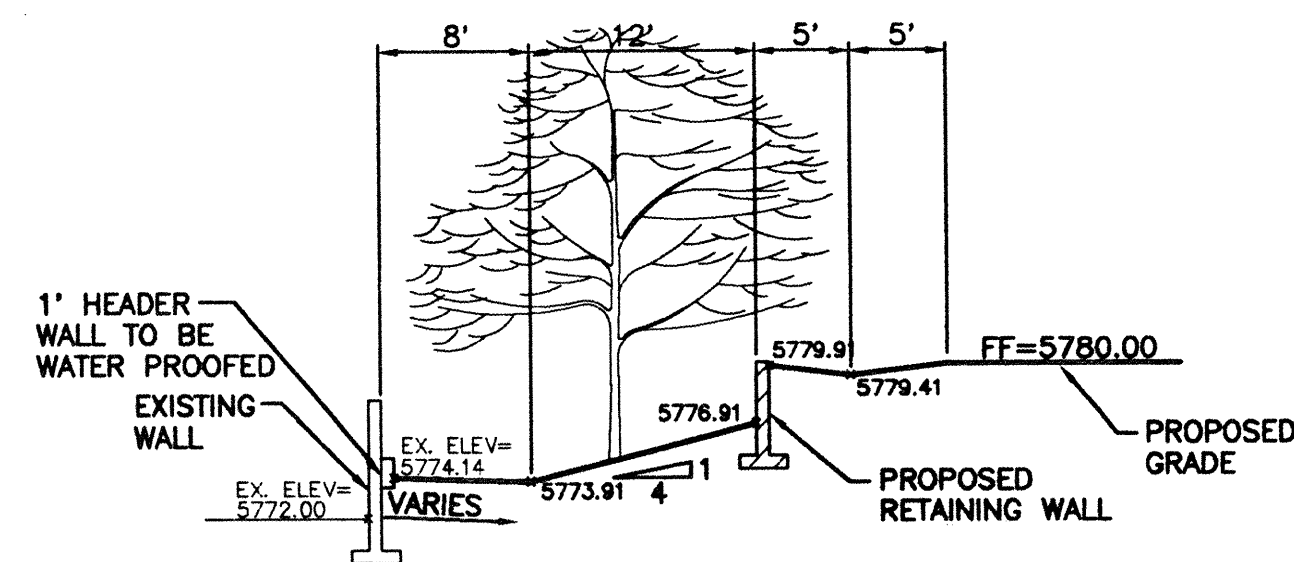
DATE
4-23-97

0654GRC.DWG

SHEET #
OF 25

JOB #
960054

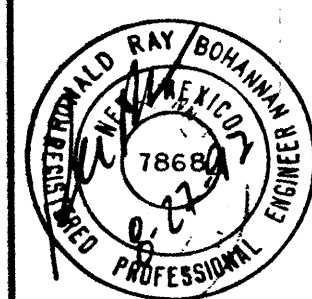
SCANNED BY
MESA REPRO

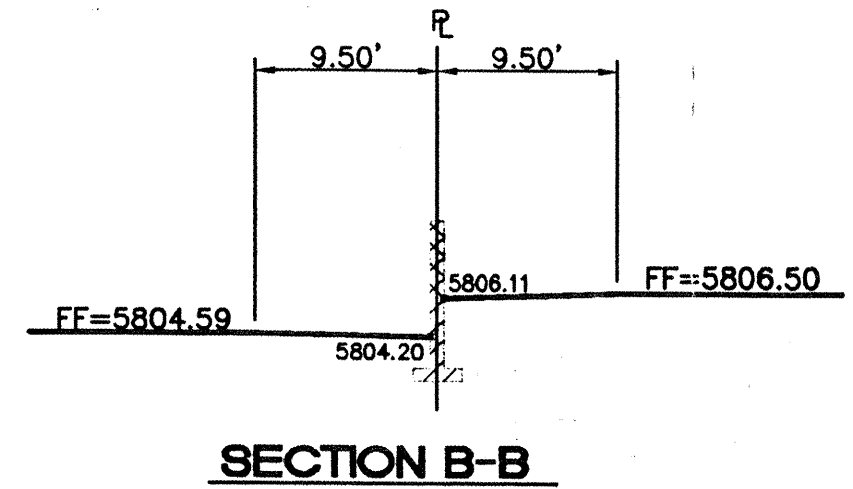
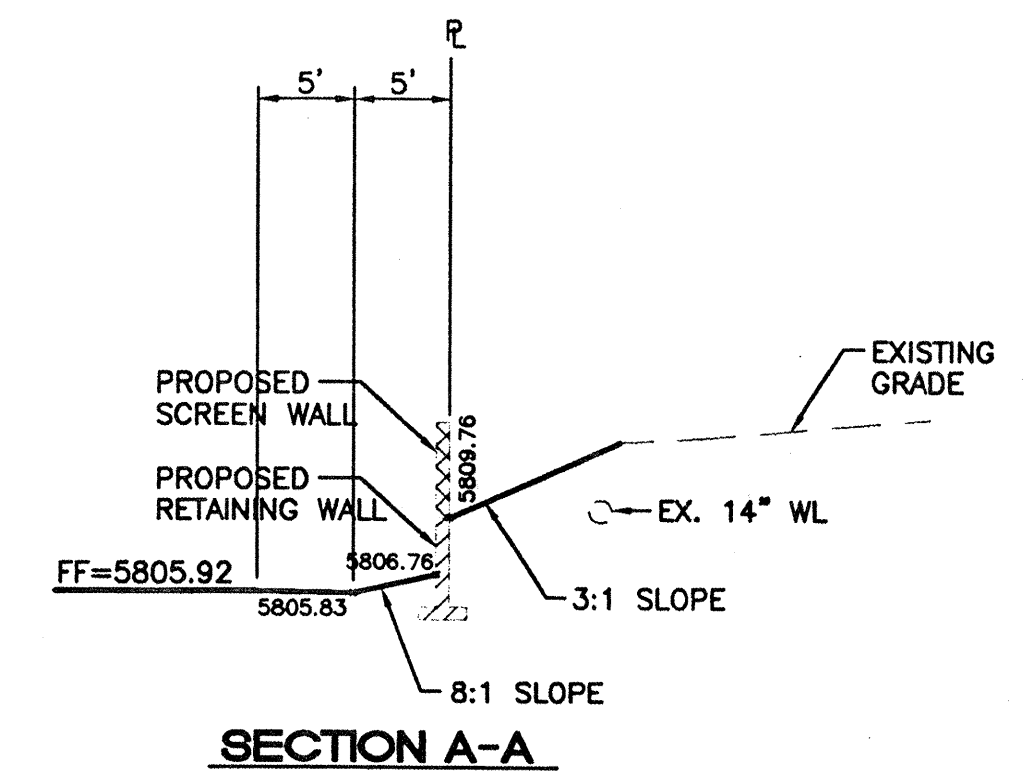
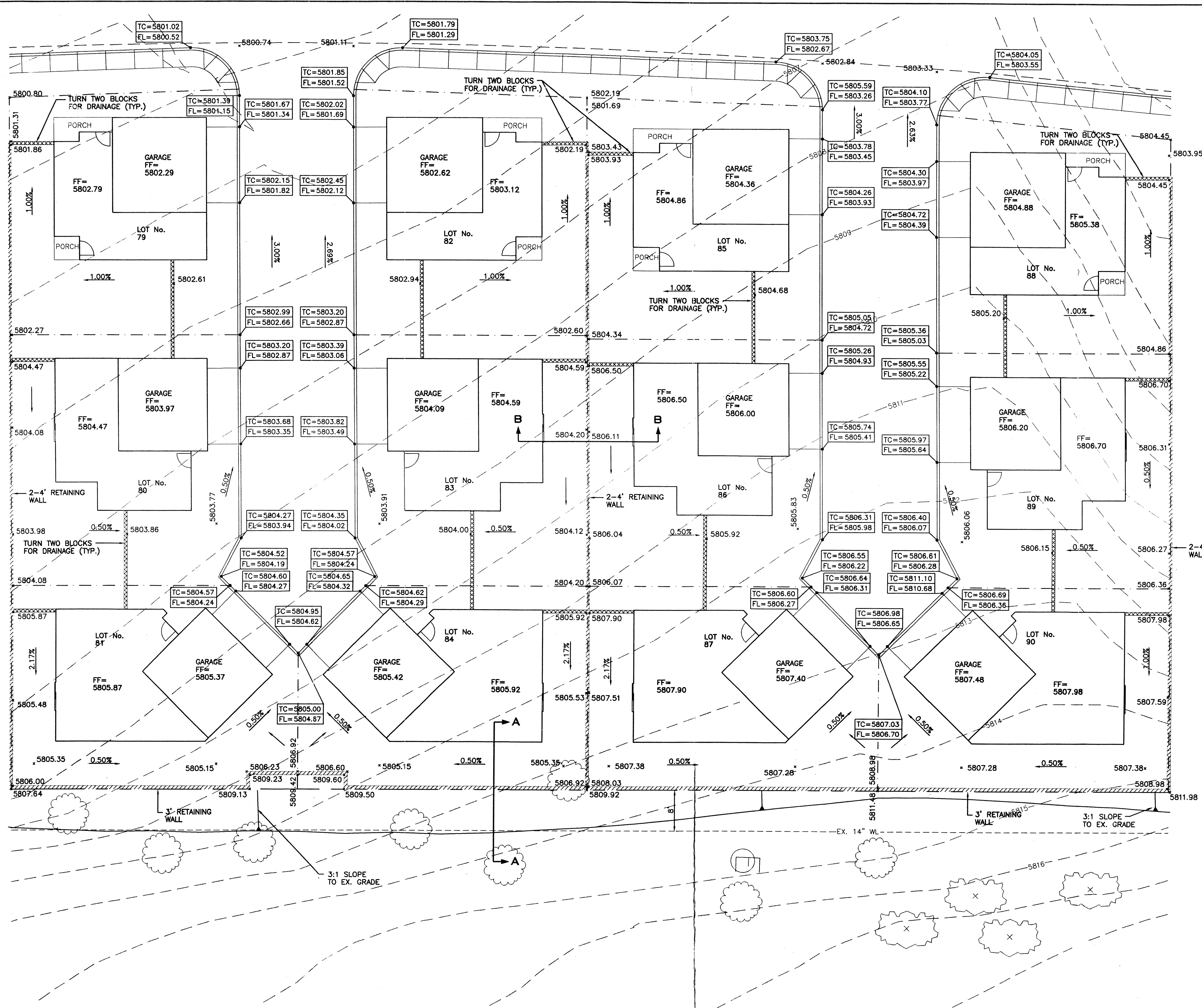


SCALE: 1"=10'

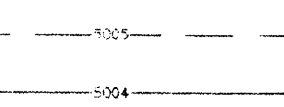
CITY PROJECT #578182

10/960054/SECT.DWG/BDG/8-22-97

 ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	TRAMWAY HIGHLANDS SUBDIVISION	DRAWN BY BDG
	CROSS SECTIONS	DATE 4-23-97
	TERRA WEST, LLC 4421 McLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592	SECT.DWG
		SHEET # 10 JOB # 960054



- ### LEGEND

- 
- | | |
|---|------------------------------------|
|  | EXISTING WATER LINE |
|  | EXISTING CONTOUR (MAJOR) |
|  | EXISTING CONTOUR (MINOR) |
|  | BOUNDARY LINE |
|  | EASEMENT |
|  | LIMITS OF T.C.P. OF EXISTING SLOPE |
|  | PROPOSED SIDEWALK |
|  | PROPOSED RETAINING WALL |
|  | PROPOSED SCREEN WALL |

RECORD DRAWING	
DATE: 1-29-99	DRAFTED BY: NW TIERRA WEST DEV.

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPLIED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

- NOTE:
1. GARAGES WILL HAVE A 4" STEP FROM THE ENTRANCE OF THE HOUSE WITH A 2" DROP ACROSS THE FLOOR.
 2. SEE GRADING AND DRAINAGE PLAN C FOR RETAINING WALL DETAIL.
 3. MAINTAIN A MINIMUM OF 0.50% SLOPE IN THE YARD AREAS.

SCALE: 1"=10'

TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION**
TYPICAL CLUSTER UNIT DETAIL GRADING

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

NO./DAY/YR.	NO./DAY/YR.
-------------	-------------

AD

1000

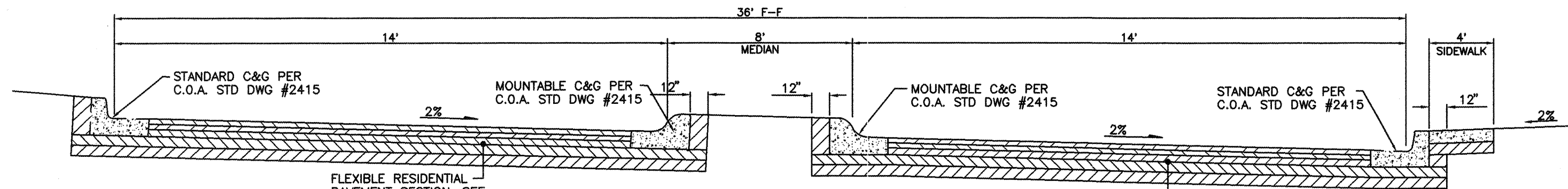
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©

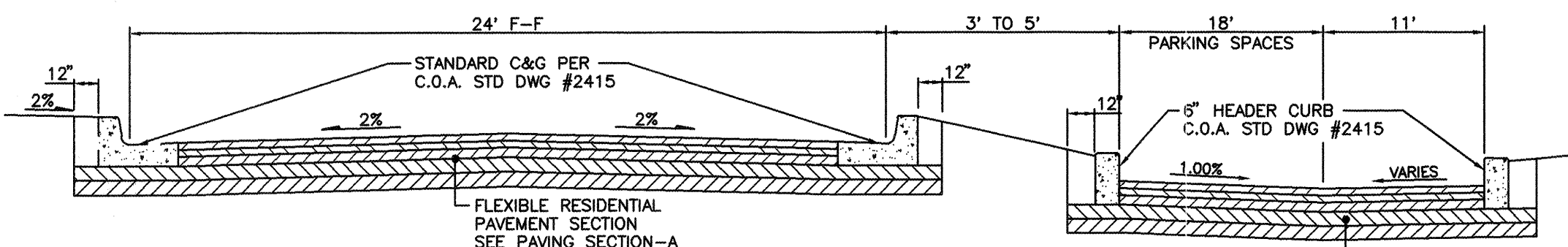
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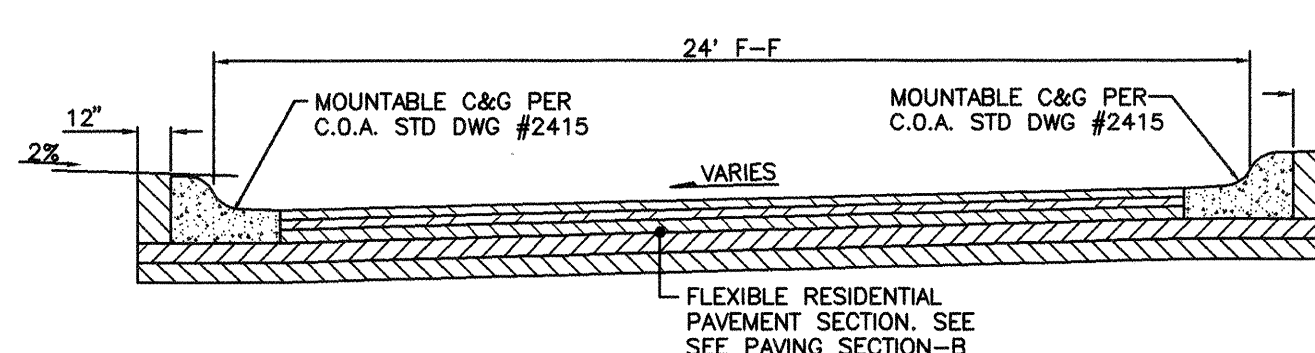
SHEET 11 OF 25



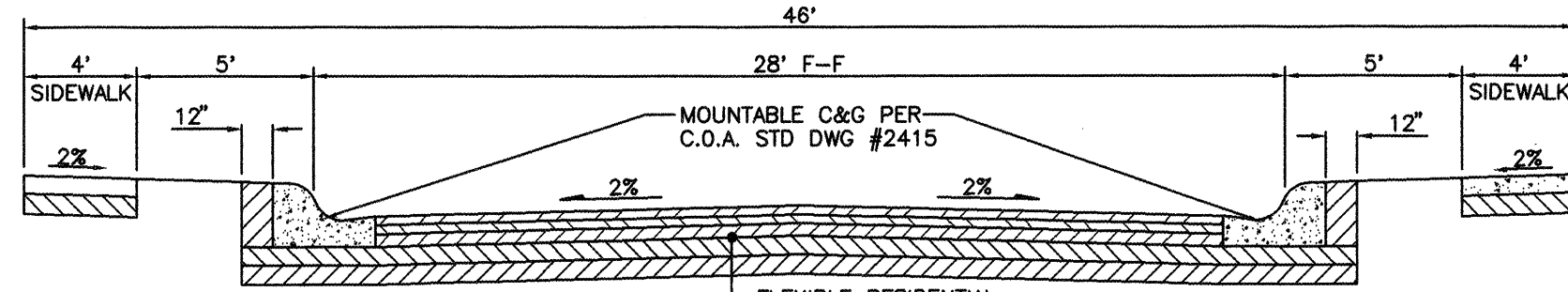
SECTION A-A
TYPICAL STREET SECTION W/MEDIAN
N.T.S.



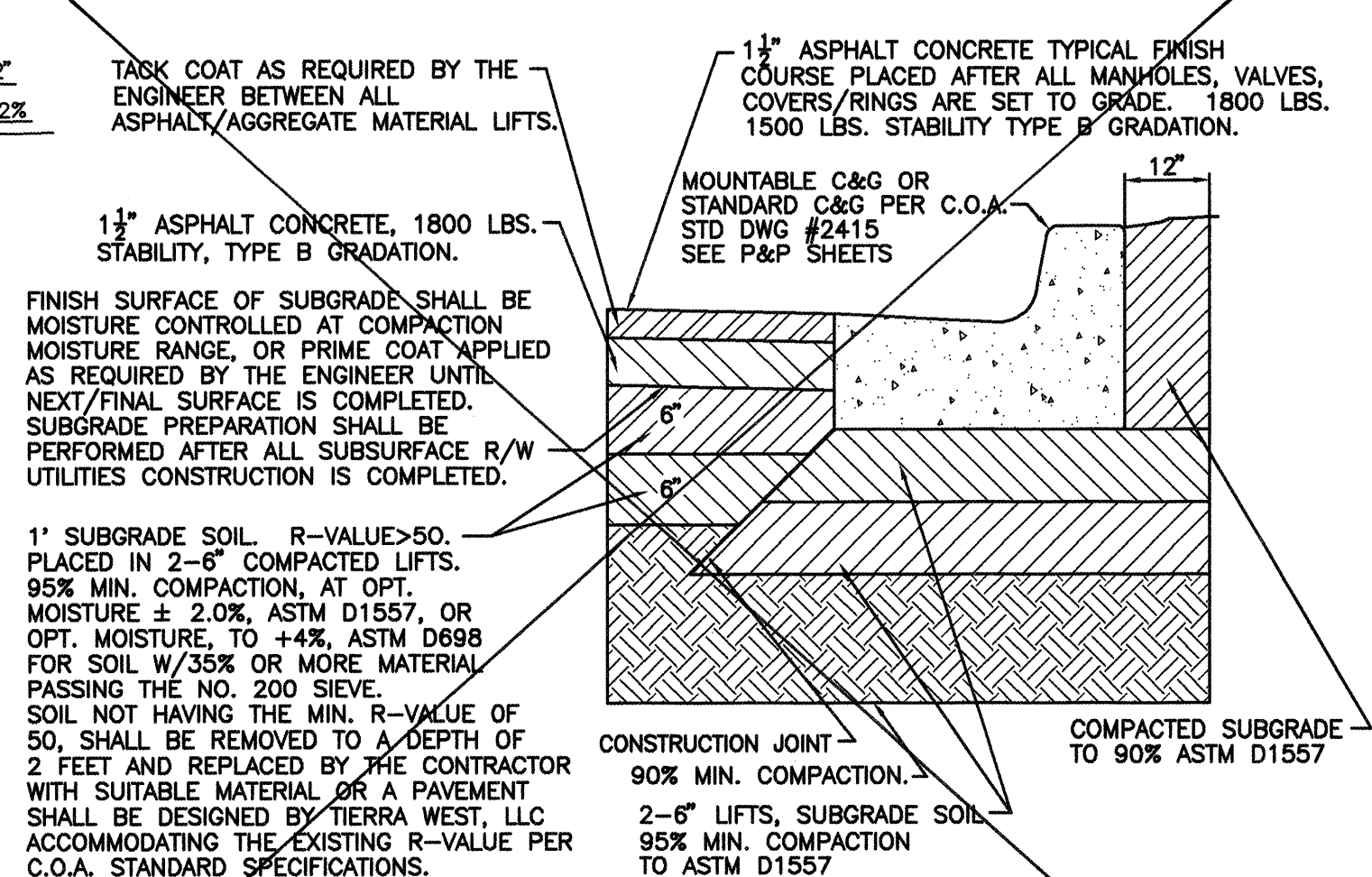
SECTION B-B
TYPICAL STREET SECTION
N.T.S.



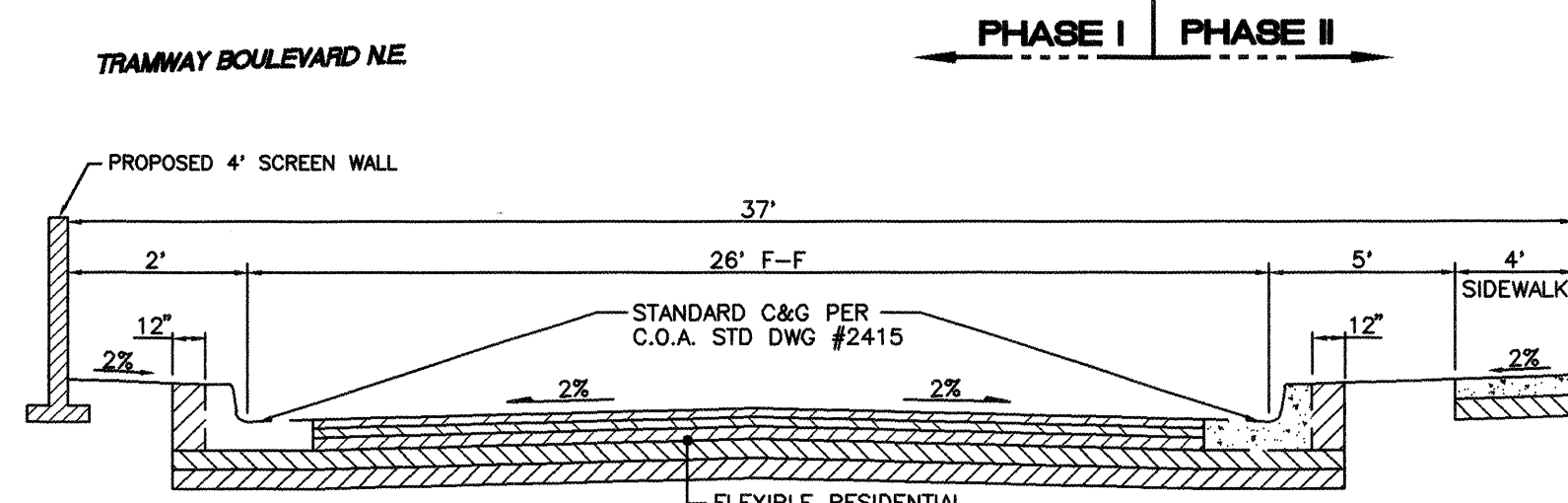
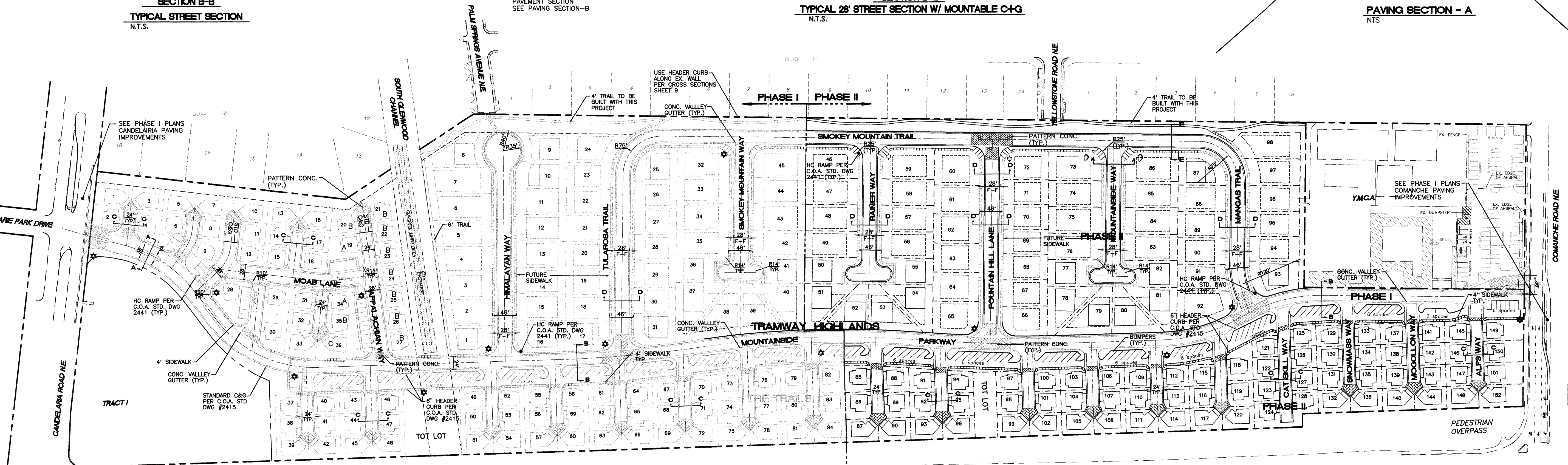
SECTION C-C
TYPICAL 24' STREET SECTION
N.T.S.



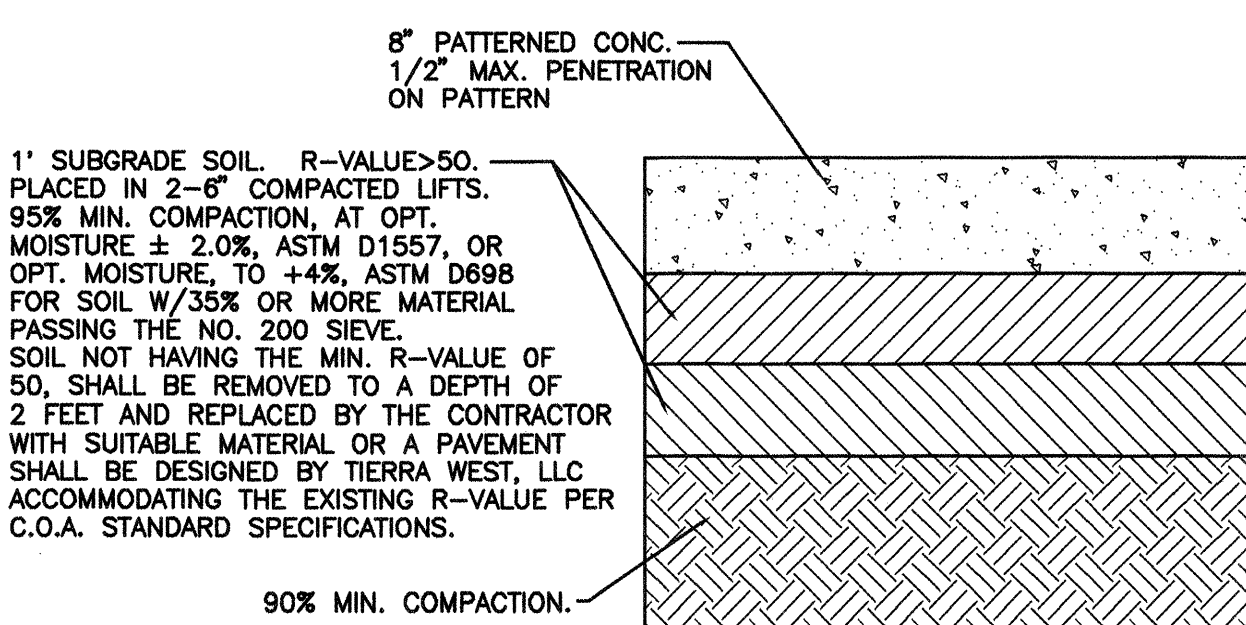
SECTION D-D
TYPICAL 28' STREET SECTION W/ MOUNTABLE C+G
N.T.S.



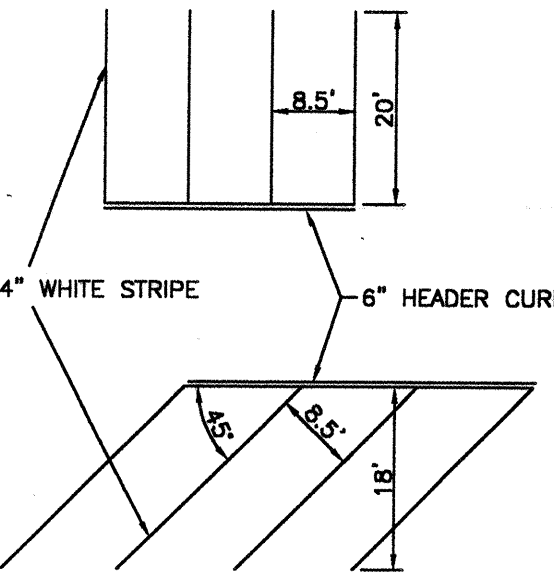
PAVING SECTION - A
N.T.S.



SECTION E-E
N.T.S.



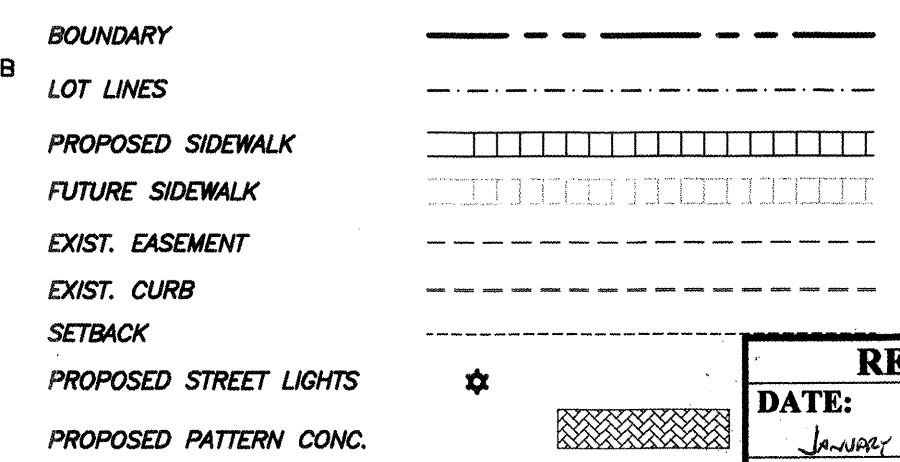
PATTERNED CONCRETE SECTION
N.T.S.



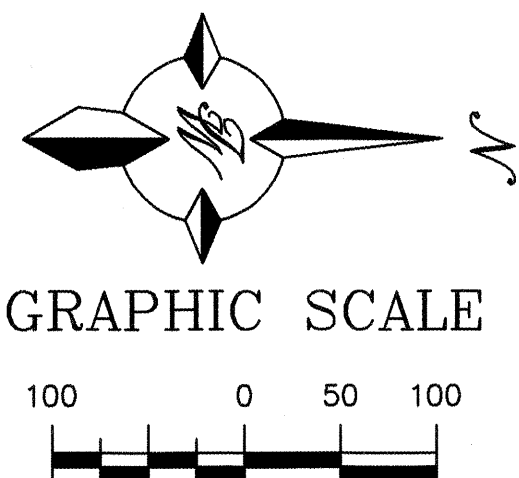
PARKING SPACE DETAILS
N.T.S.

- NOTES:**
1. ALL HC RAMP ARE TO BE CASE II AS PER C.O.A. STD. DWG. 2441. (LENGTHEN RAMP AS NEEDED SO AS NOT TO EXCEED MAX. SLOPE OF 12:1).
 2. ALL CONCRETE VALLEY GUTTERS ARE TO BE PER C.O.A. STD DWG 2420.
 3. ALL CONCRETE ALLEY GUTTERS ARE TO BE PER C.O.A. STD DWG 2415.
 4. SEE PAVING PLAN & PROFILE SHEETS FOR LOCATION OF STANDARD C&G AND MOUNTABLE C&G.
 5. SCREENED AREA IS TO BE BUILT AS PART OF PHASE II.
 6. RESTORATION FEES MAY BE APPLICABLE IF CONNECTION MADE AFTER COMPLETION OF MOUNTAINSIDE PARKWAY.
 7. ALL STREETS ARE PRIVATE.

LEGEND



RECORD DRAWING
DATE: JAN 29, 1999
DRAFTED BY: RRB
TERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.



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4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

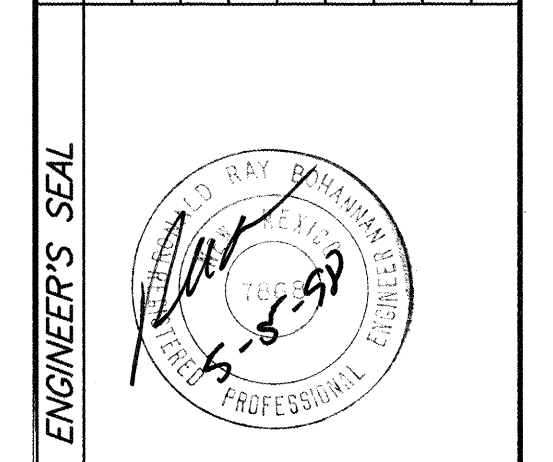
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION**
MASTER PAVING PLAN

DESIGNED BY	DATE	9-97
DRAWN BY	DATE	9-97
CHECKED BY	DATE	9-97

CITY PROJECT NO. 578182
ZONE MAP NO. G-22
SHEET 12 OF 25

AS BUILT INFORMATION			
CONTRACTOR	Signature	MECHANICAL	
STANDARD	DATE	9-97	
INSPECTORS	DATE	9-97	
FIELD	DATE	9-97	
VERIFICATION	DATE	9-97	
CORRECTED BY	DATE	9-97	
MICRO-FILM INFORMATION			
RECORDED BY	DATE		
NO.	DATE		



SURVEY INFORMATION		FIELD NOTES	
NO.	DATE	BY	DATE

SCANNED BY
MESA REPRO

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	67.87	89.00	43°41'29"	89.00
C2	117.81	75.00	90°00'00"	75.00
C3	47.90	61.00	44°59'21"	61.00
C4	39.27	25.00	90°00'00"	25.00
C5	39.27	25.00	90°00'00"	25.00
C6	39.27	25.00	90°00'00"	25.00
C7	39.27	25.00	90°00'00"	25.00
C8	39.27	25.00	90°00'00"	25.00
C9	39.27	25.00	90°00'00"	25.00
C10	39.27	25.00	90°00'00"	25.00
C11	39.27	25.00	90°00'00"	25.00
C12	95.82	61.00	90°00'00"	61.00
C13	117.81	75.00	90°00'00"	75.00
C14	139.80	89.00	90°00'00"	89.00

RECORD DRAWING	
DATE: 1-29-99	DRAFTED BY: <i>RW</i> TIERRA WEST DEV.
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KEYED NOTE: SEE SHEET 15

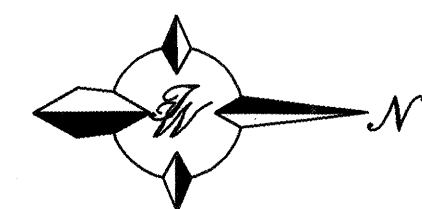
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.

* 10' TRANSITION FROM STD C&G TO MOUNTABLE C&G.

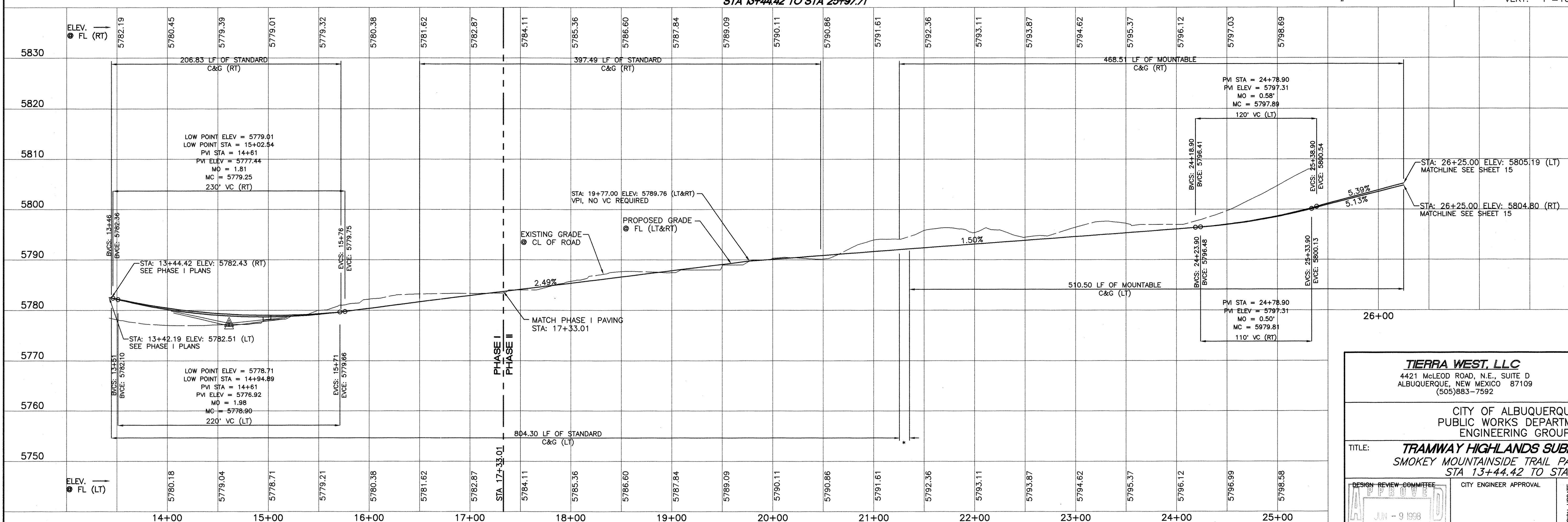
NOTE:

1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE STANDARD UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

SCALE: HORIZ. 1"=50'
VERT. 1"=10'



SMOKEY MOUNTAIN TRAIL
STA 13+44.42 TO STA 25+97.71



TIERRA WEST, LLC
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(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE II**
SMOKEY MOUNTAIN INSIDE TRAIL PAVING IMPROVEMENTS
STA 13+44.42 TO STA 25+97.17

DESIGN REVIEW COMMITTEE

APPROVE

JUN - 9 1998

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

1000

CITY PROJECT NO.

ZONE MAP NO.	
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578182

ZONE MAP NO.
G-22

SHEET **13** OF **25**

10+00

11+00

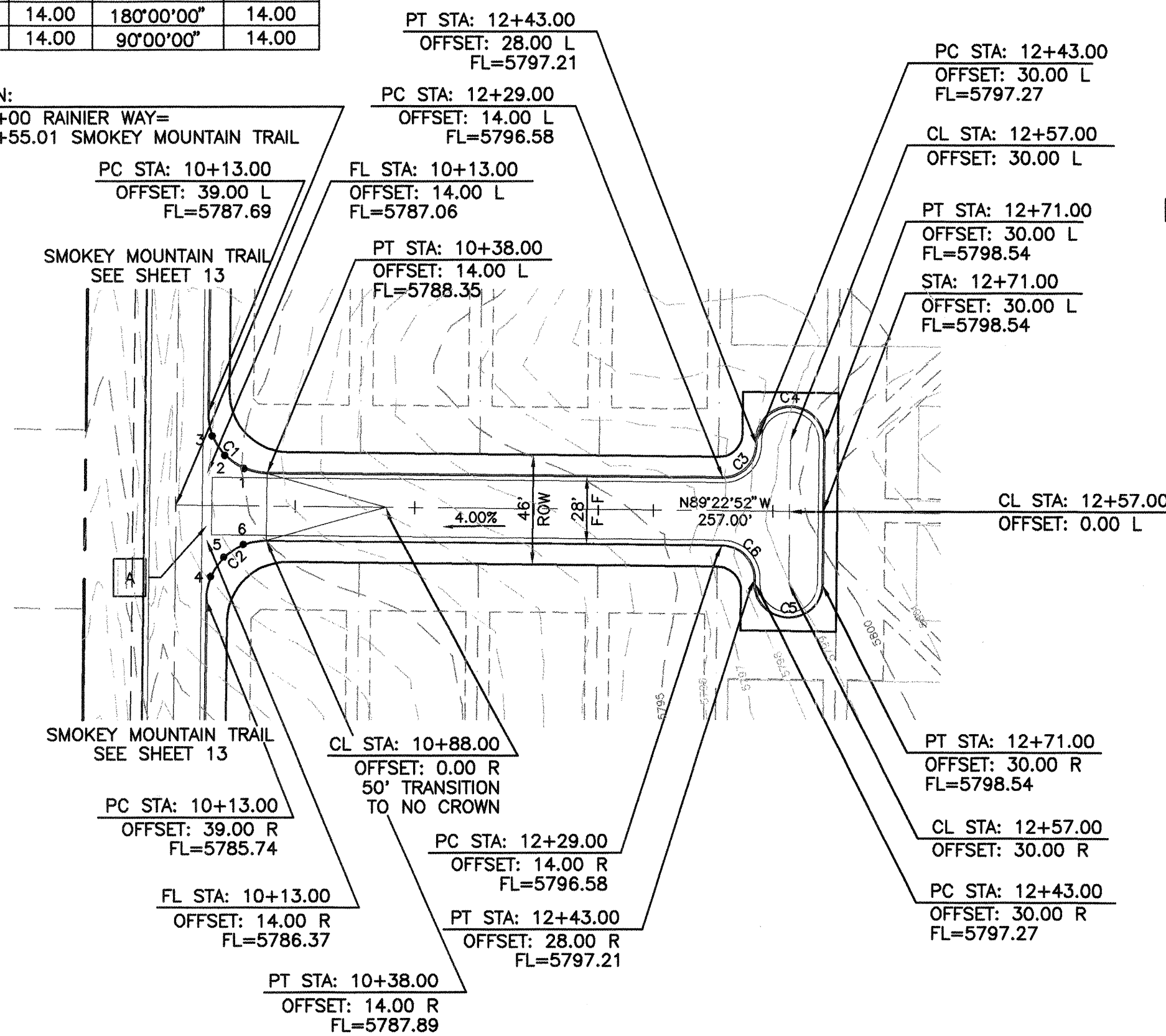
12+00

CURVE TABLE (FACE OF CURB)				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	39.27	25.00	90°00'00"	25.00
C2	39.27	25.00	90°00'00"	25.00
C3	21.99	14.00	90°00'00"	14.00
C4	43.98	14.00	180°00'00"	14.00
C5	43.98	14.00	180°00'00"	14.00
C6	21.99	14.00	90°00'00"	14.00

QUARTER POINTS (FACE OF CURB)

C1	FL	ELEV.	C2	FL	ELEV.
1	5787.71		4	5786.08	
2	5787.55		5	5786.60	
3	5787.38		6	5787.13	

EQUATION:
STA: 10+00 RAINIER WAY=
STA: 18+55.01 SMOKEY MOUNTAIN TRAIL

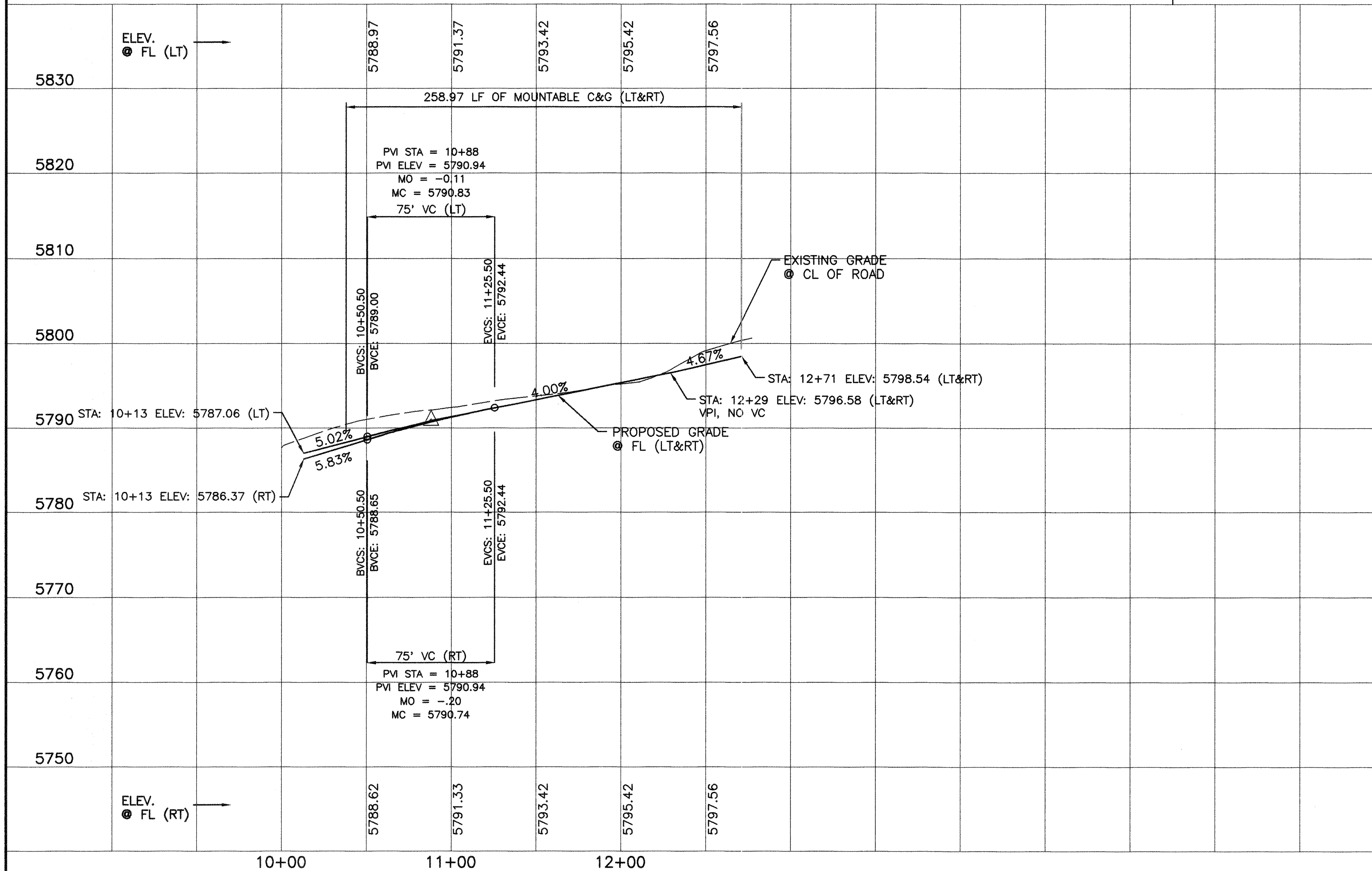


KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.

- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.
 4. REFER TO C.O.A. STD DWG #2512 FOR HAMMER HEAD CUL DE SAC.

SCALE: HORIZ. 1"=50'
VERT. 1"=10'

RAINIER WAY
STA 10+00.00 TO STA 12+71.00



10+00

11+00

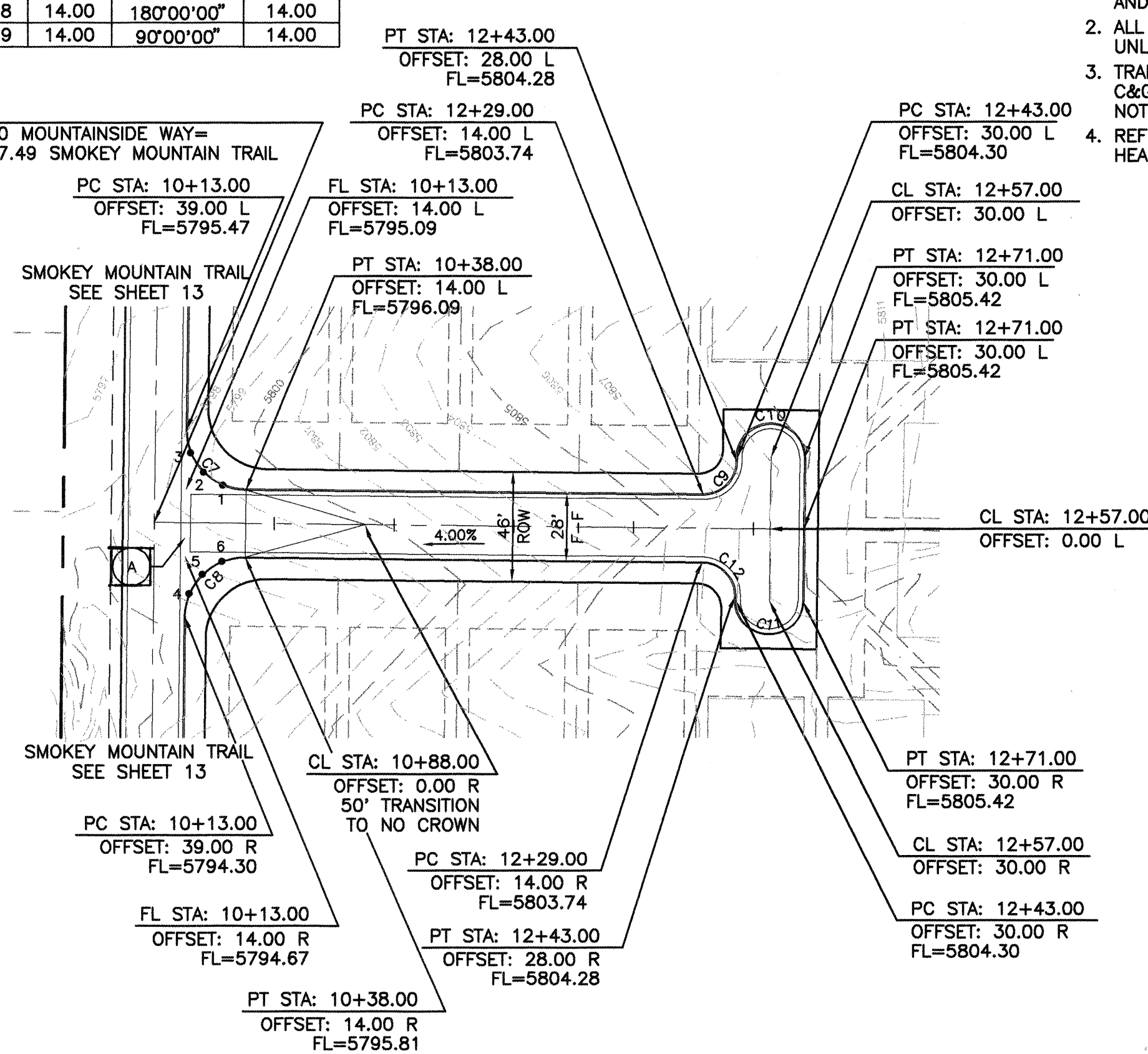
12+00

CURVE TABLE (FACE OF CURB)				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C7	39.27	25.00	90°00'00"	25.00
C8	39.27	25.00	90°00'00"	25.00
C9	21.99	14.00	90°00'00"	14.00
C10	43.98	14.00	180°00'00"	14.00
C11	43.98	14.00	180°00'00"	14.00
C12	21.99	14.00	90°00'00"	14.00

QUARTER POINTS (FACE OF CURB)

C7	FL	ELEV.	C8	FL	ELEV.
1	5795.59		4	5794.49	
2	5795.44		5	5794.87	
3	5795.28		6	5795.24	

EQUATION:
STA: 10+00 MOUNTAINSIDE WAY=
STA: 23+17.49 SMOKEY MOUNTAIN TRAIL



KEYED NOTE:
[A] ALL VALLEY GUTTERS ARE PER C.O.A. STD DWG #2420.

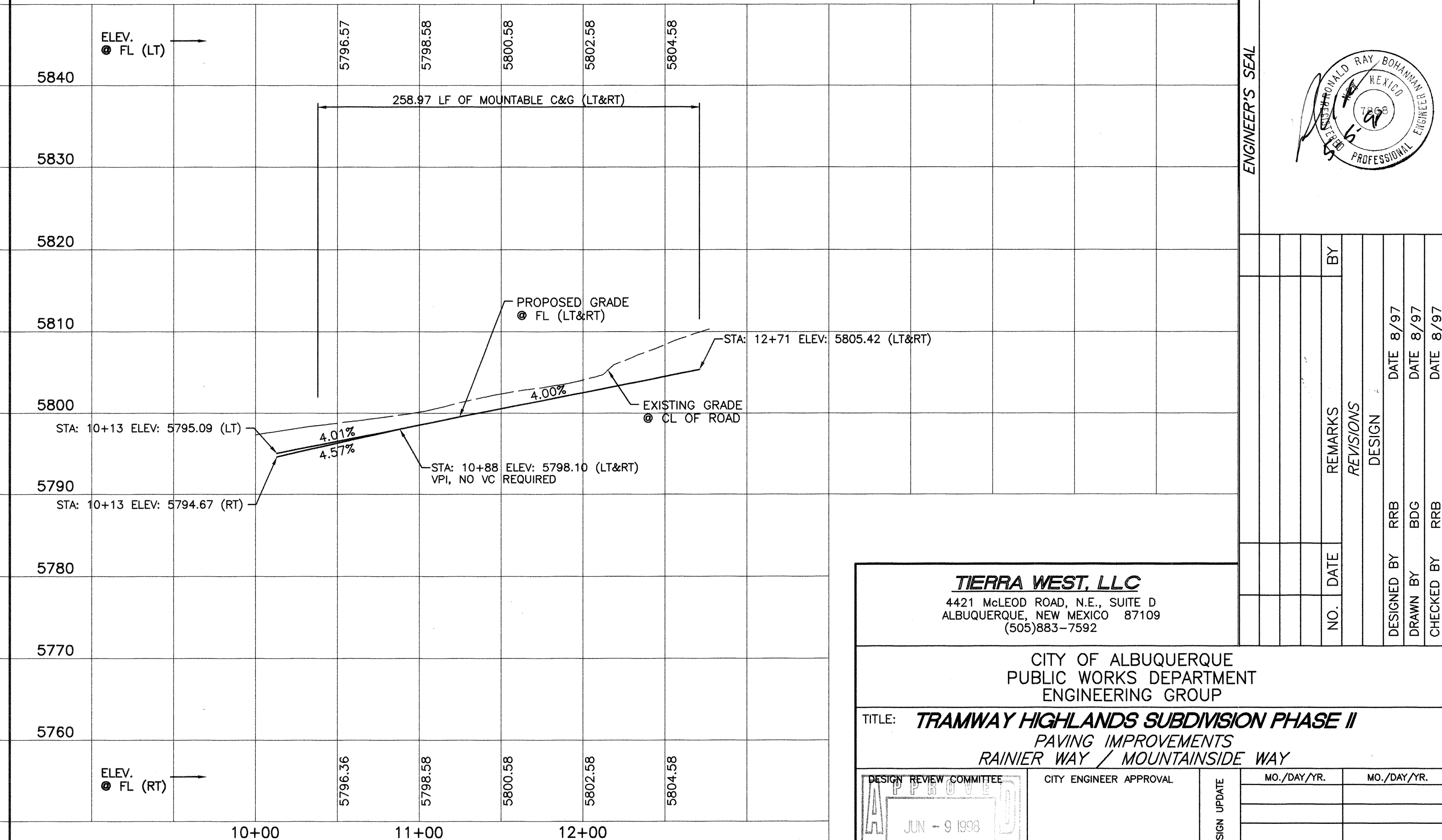
- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
 2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
 3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.
 4. REFER TO C.O.A. STD DWG #2512 FOR HAMMER HEAD CUL DE SAC.

RECORD DRAWING

DATE: 1-29-98
DRAFTED BY: TIERRA WEST DEV.
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SCALE: HORIZ. 1"=50'
VERT. 1"=10'

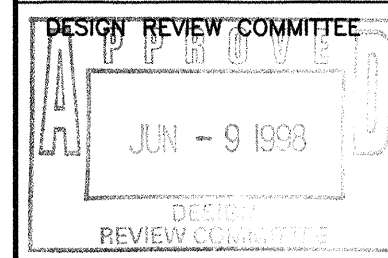
MOUNTAINSIDE WAY
STA 10+00.00 TO STA 12+71.00



TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE II
PAVING IMPROVEMENTS
RAINIER WAY / MOUNTAINSIDE WAY



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

578182

ZONE MAP NO.

G-22

SHEET

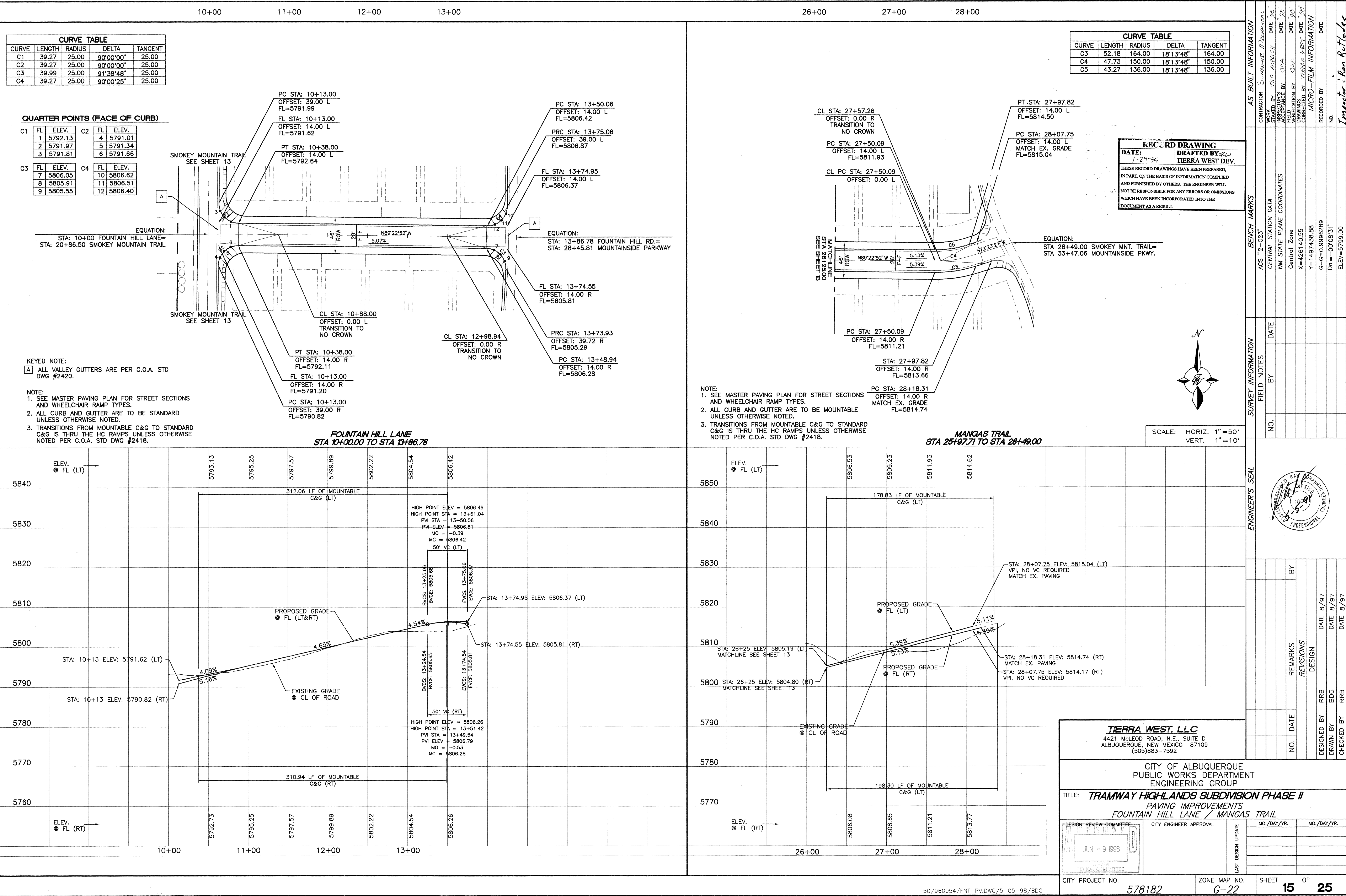
14

OF

25

50/960054/RAIN-PV.DWG/5-5-98/BDG

SCANNED BY
MESA REPRO

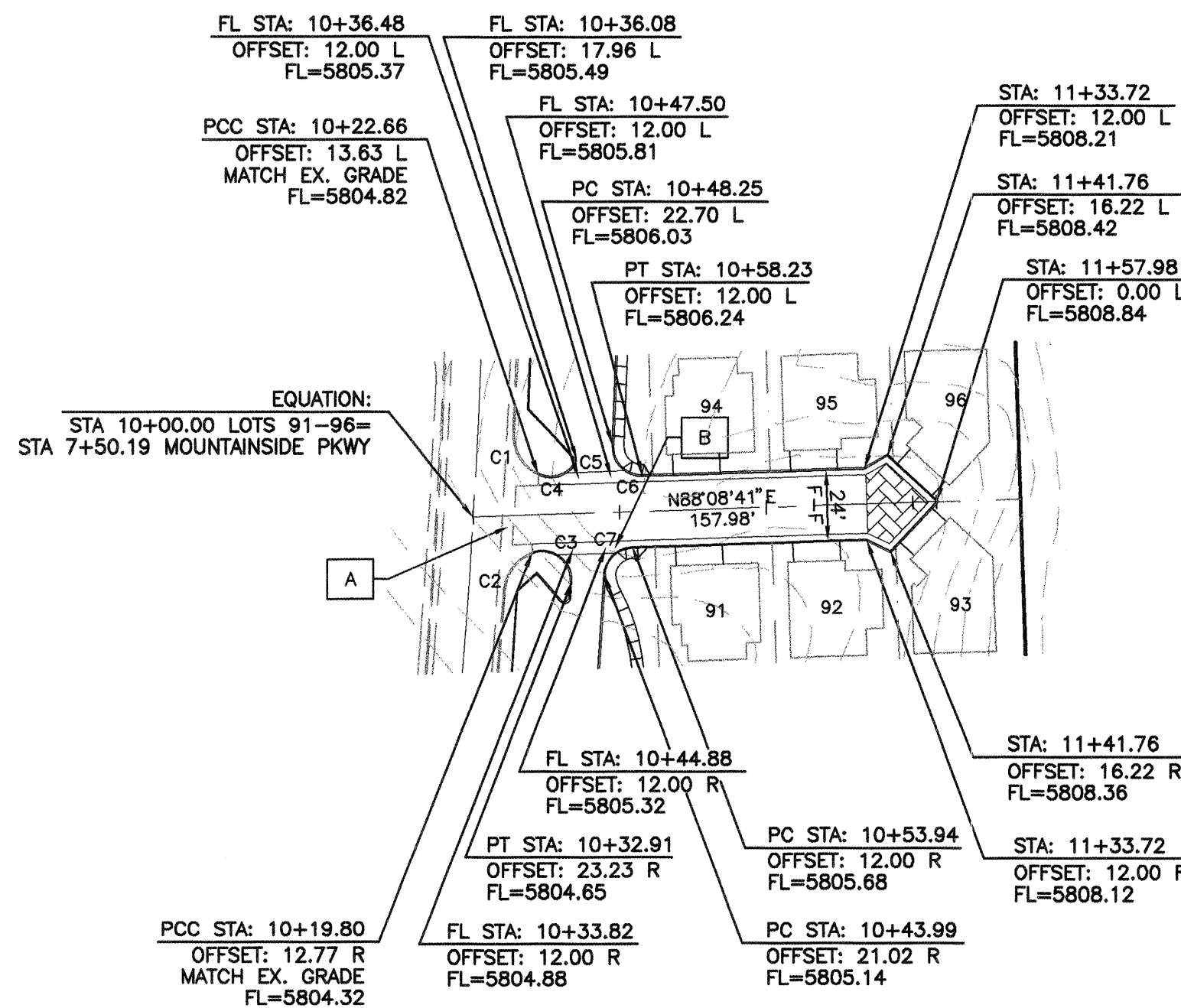


CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.74	15.00	67°44'47"	15.00
C2	17.02	15.00	65°00'11"	15.00
C3	19.90	10.00	114°00'01"	10.00
C4	14.00	10.00	80°11'30"	10.00
C5	2.71	2.00	77°43'56"	2.00
C6	16.41	10.00	94°00'33"	10.00
C7	14.73	10.00	84°22'57"	10.00

KEYED NOTE:
[A] EXISTING VALLEY GUTTER

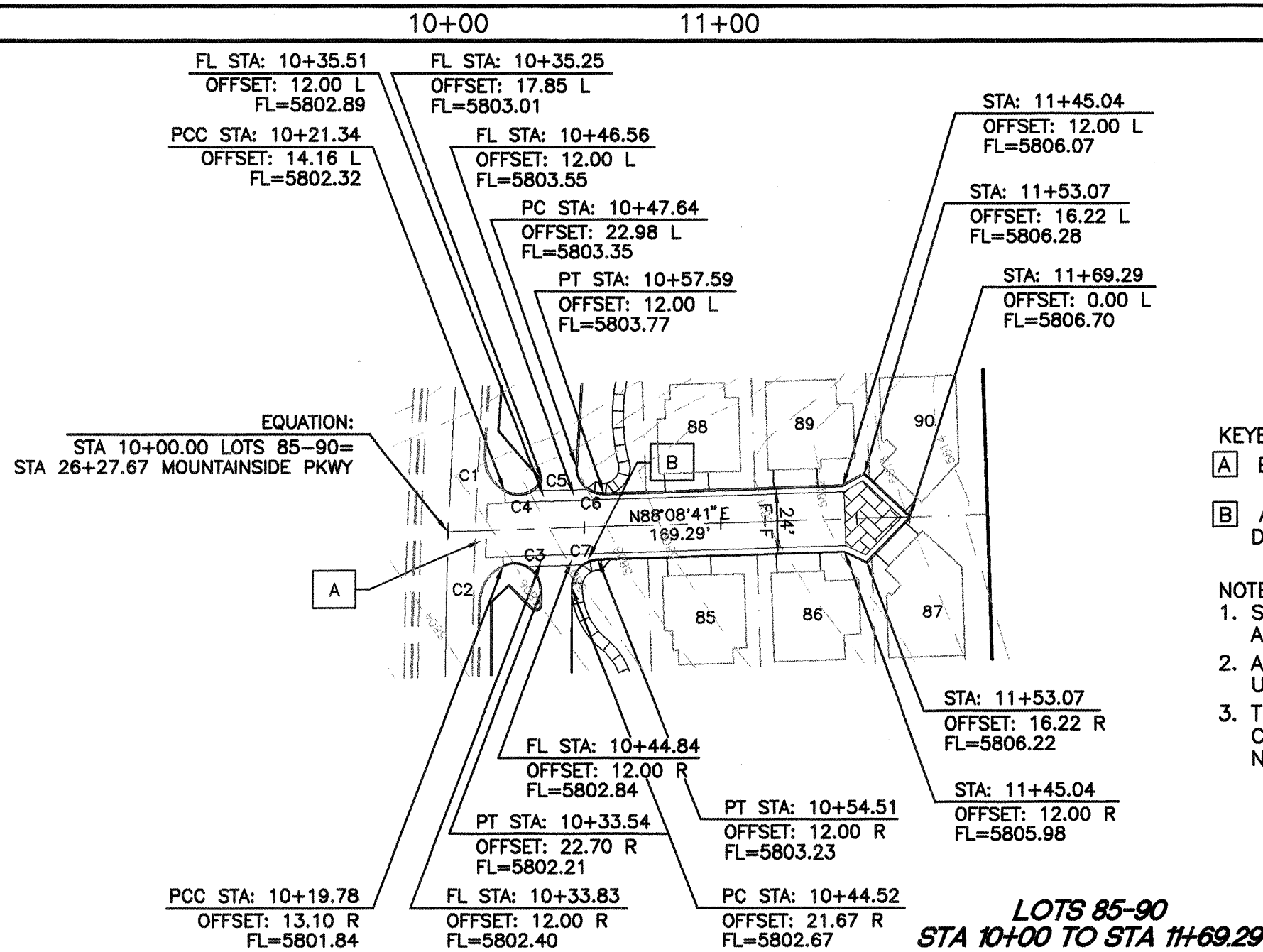
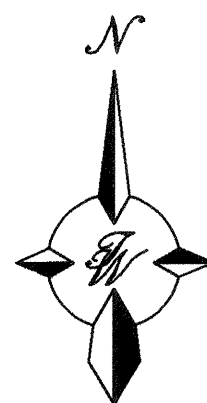
[B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.

- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.



LOTS 91-96
STA 10+00 TO STA 11+57.98

SCALE: HORIZ. 1"=50'
VERT. 1"=10'



LOTS 85-90
STA 10+00 TO STA 11+69.29

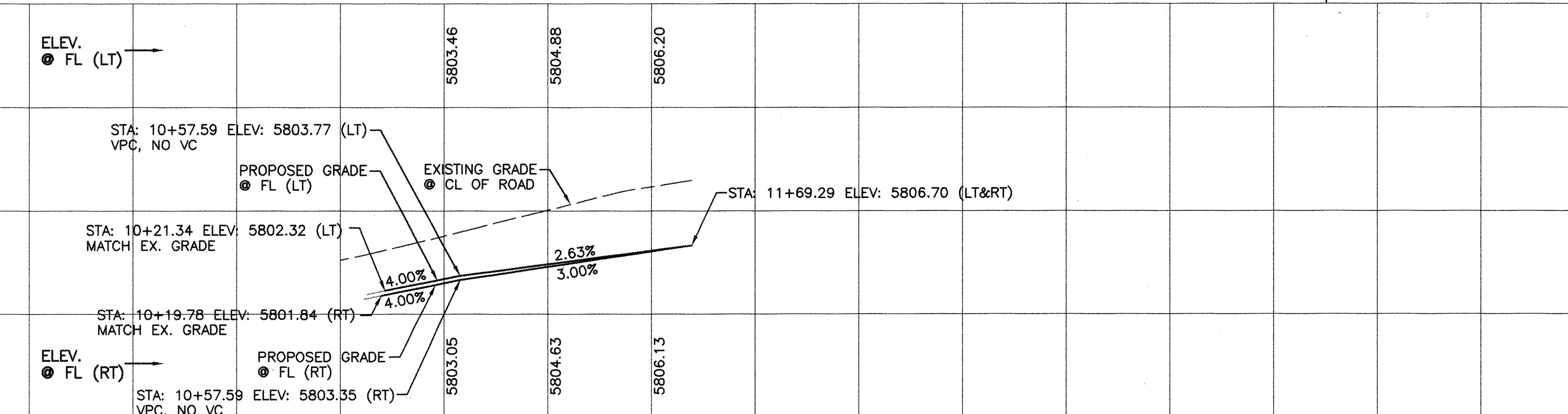
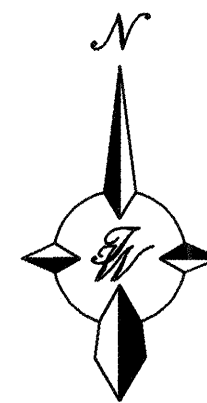
CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	16.64	15.00	63°34'19"	15.00
C2	16.98	15.00	64°50'55"	15.00
C3	19.90	10.00	114°01'09"	10.00
C4	14.40	10.00	82°31'14"	10.00
C5	2.72	2.00	78°01'17"	2.00
C6	16.69	10.00	95°37'03"	10.00
C7	15.38	10.00	88°05'41"	10.00

KEYED NOTE:
[A] EXISTING VALLEY GUTTERS

[B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.

- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

SCALE: HORIZ. 1"=50'
VERT. 1"=10'



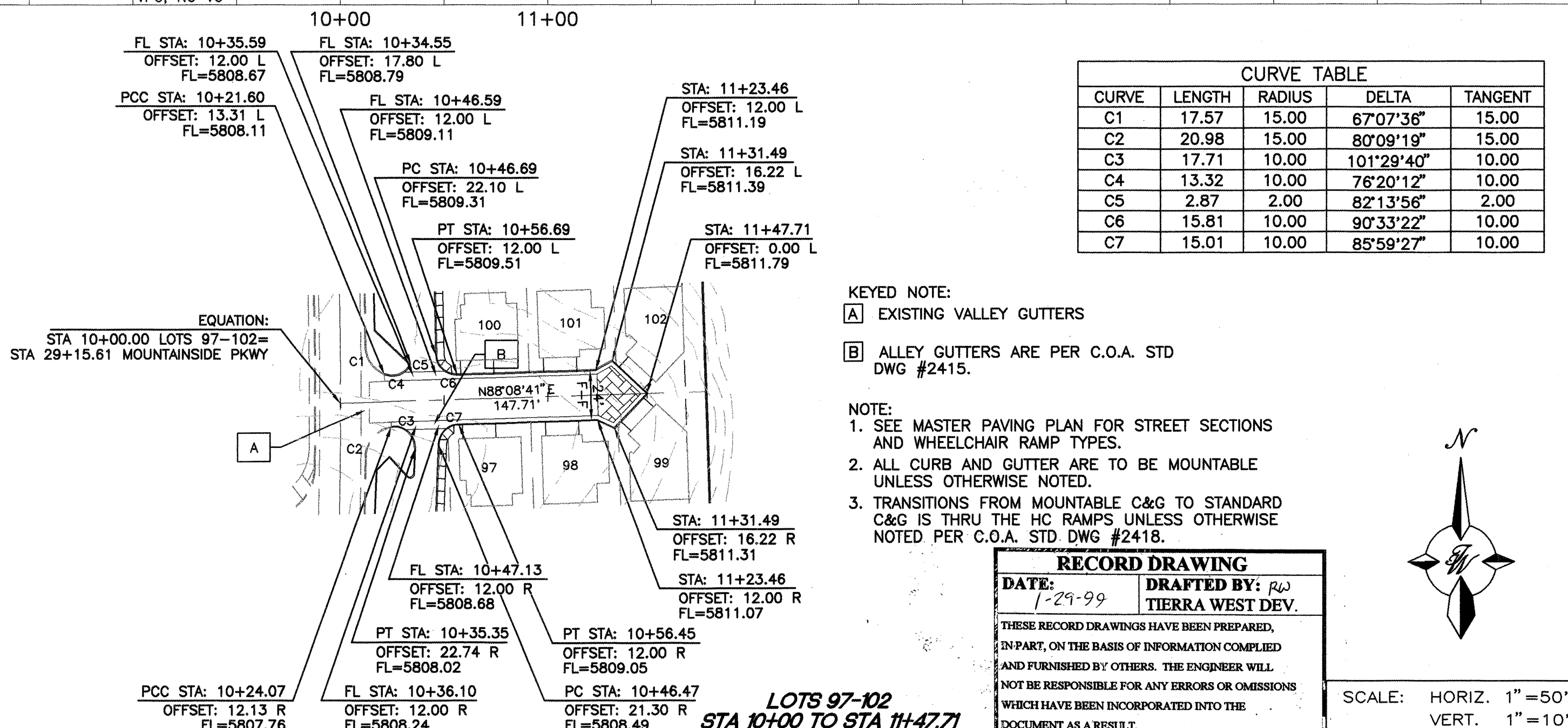
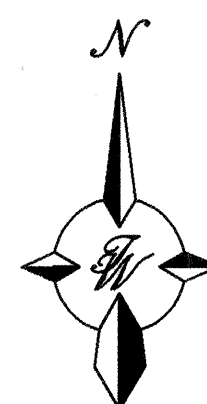
CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.57	15.00	67°07'36"	15.00
C2	20.98	15.00	80°09'19"	15.00
C3	17.71	10.00	101°29'40"	10.00
C4	13.32	10.00	76°20'12"	10.00
C5	2.87	2.00	82°13'56"	2.00
C6	15.81	10.00	90°33'22"	10.00
C7	15.01	10.00	85°59'27"	10.00

KEYED NOTE:
[A] EXISTING VALLEY GUTTERS

[B] ALLEY GUTTERS ARE PER C.O.A. STD DWG #2415.

- NOTE:
1. SEE MASTER PAVING PLAN FOR STREET SECTIONS AND WHEELCHAIR RAMP TYPES.
2. ALL CURB AND GUTTER ARE TO BE MOUNTABLE UNLESS OTHERWISE NOTED.
3. TRANSITIONS FROM MOUNTABLE C&G TO STANDARD C&G IS THRU THE HC RAMPS UNLESS OTHERWISE NOTED PER C.O.A. STD DWG #2418.

SCALE: HORIZ. 1"=50'
VERT. 1"=10'



LOTS 97-102
STA 10+00 TO STA 11+47.71

RECORD DRAWING	
DATE: 1-29-99	DRAFTED BY: RW
	TERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.	

TERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE II
PAVING IMPROVEMENTS
LOTS 85-90 / LOTS 91-96 / LOTS 97-102

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
APPROVED	

REVISIONS	DATE	BY
DESIGN	8/97	RRB
BID	8/97	BDG
CHECKED BY	8/97	RRB

CITY PROJECT NO.

ZONE MAP NO.

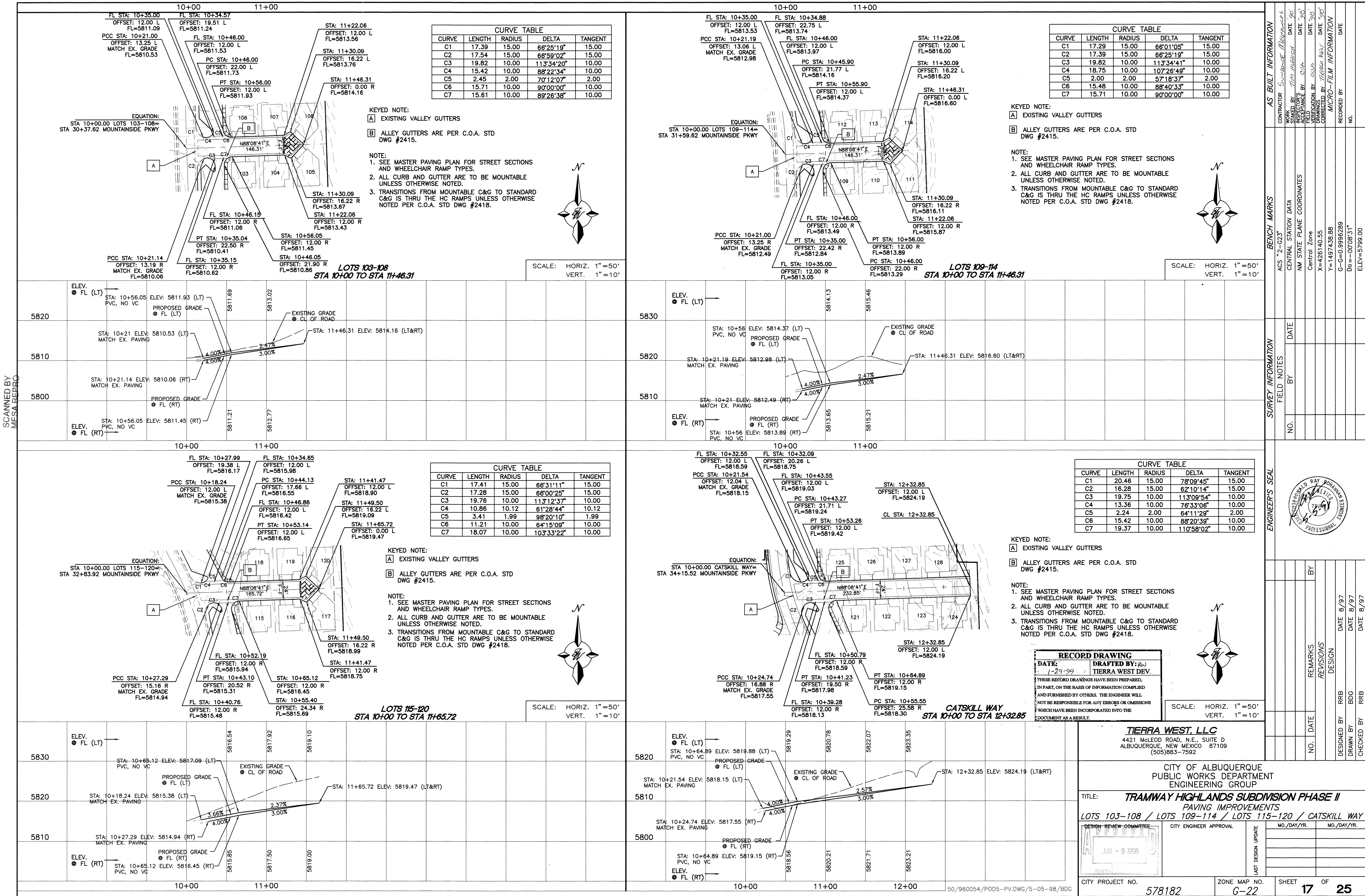
SHEET 16 OF 25

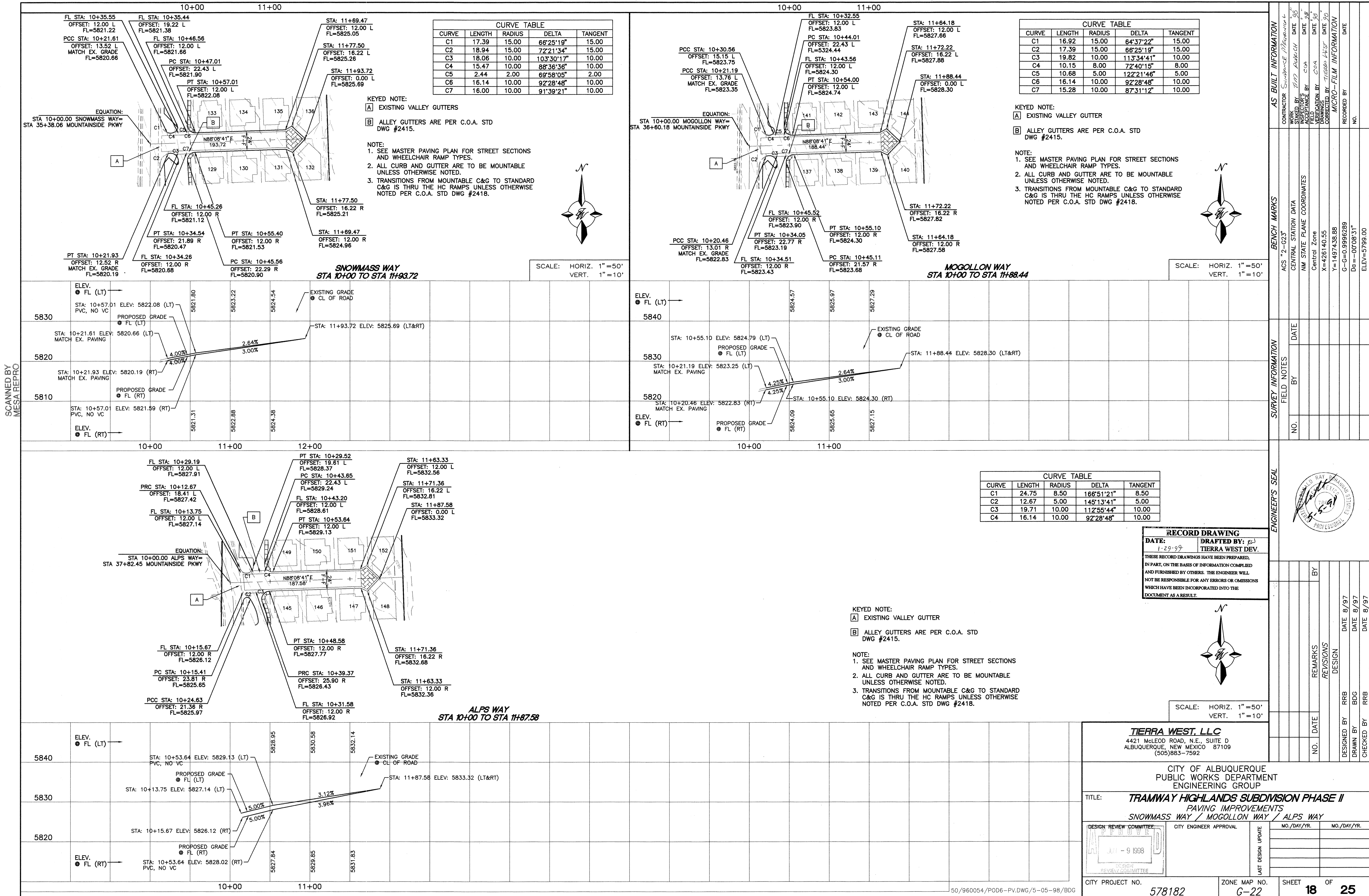
578182

G-22

16 25

50/960054/P0D4-PV.DWG/5-5--98/BDG

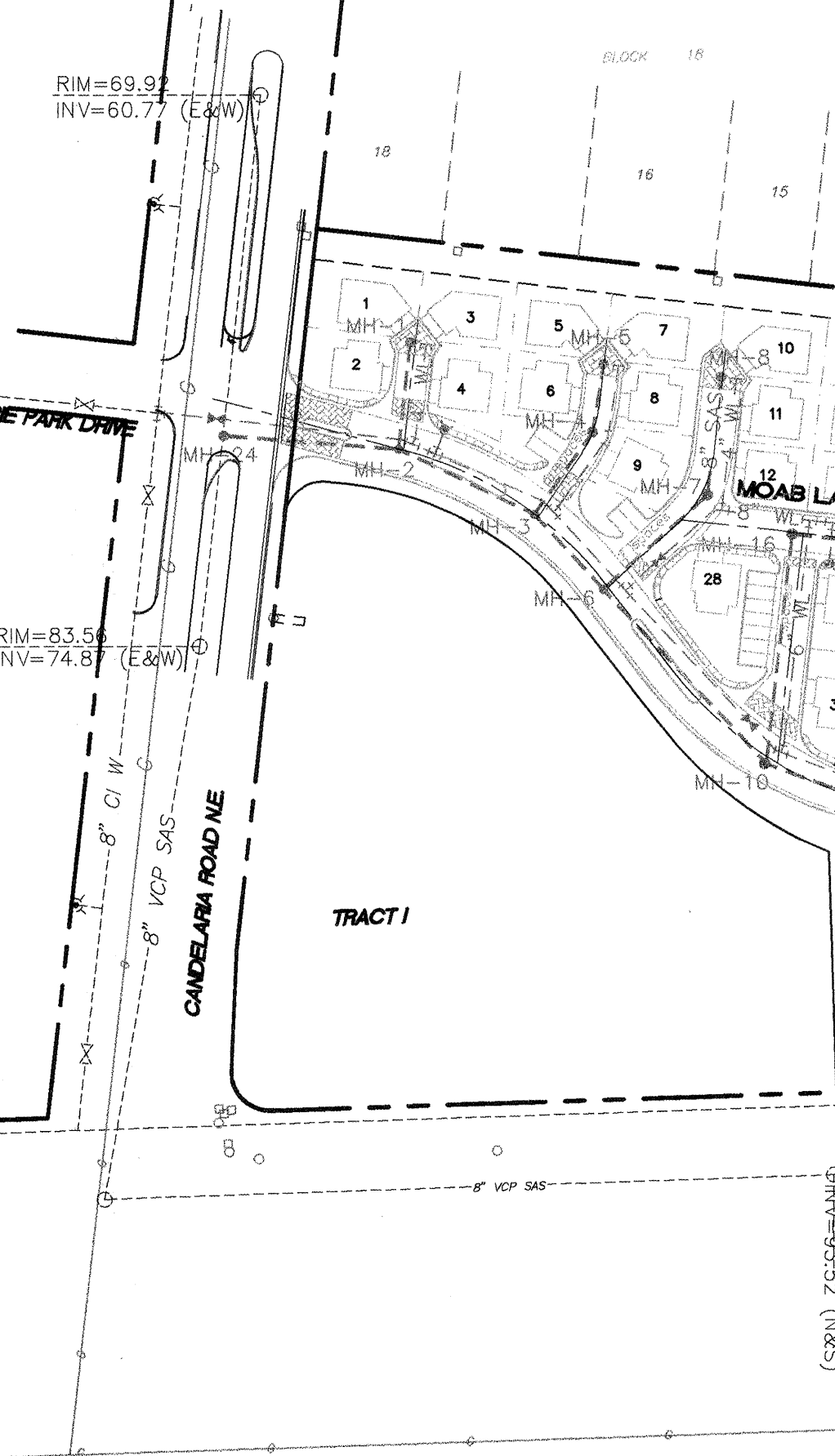




LEGEND

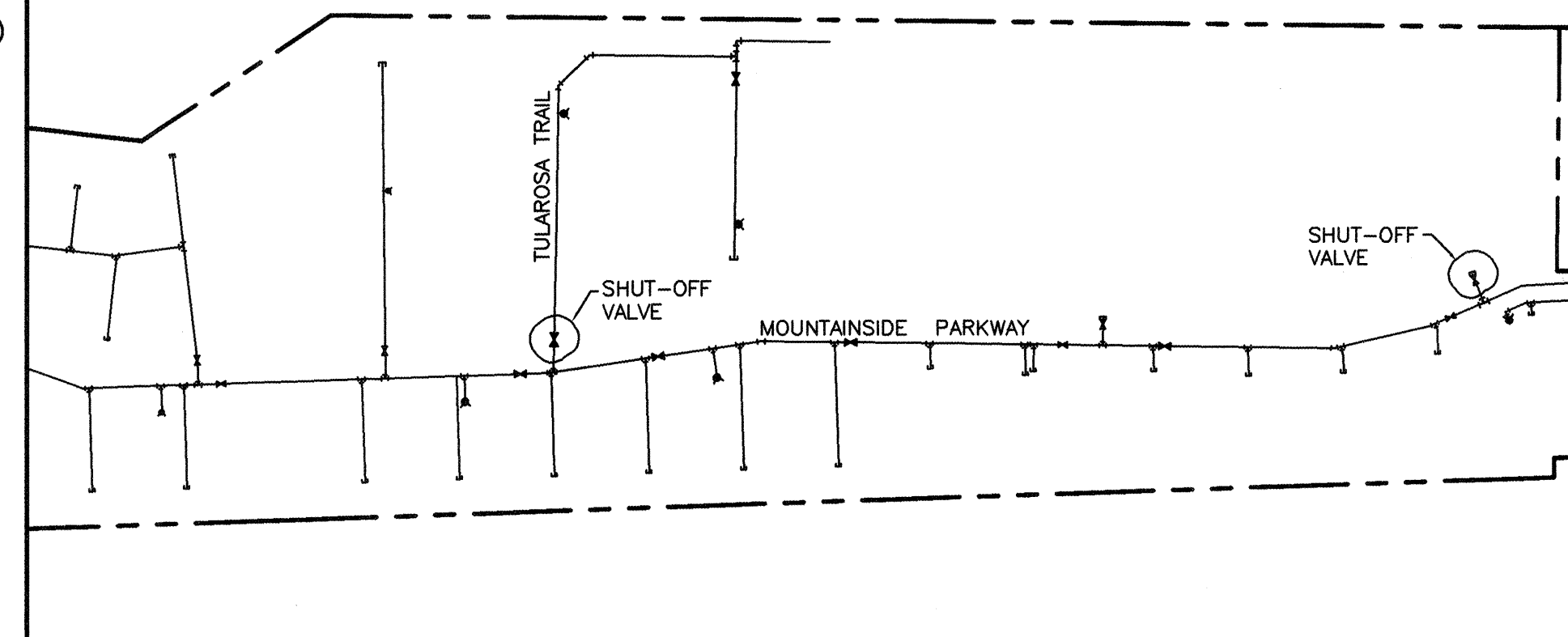
BOUNDARY	---
LOT LINE	---
EXISTING SANITARY SEWER LINE	---
EXISTING SANITARY SEWER MANHOLE	○ MH
EXISTING WATERLINE	---
EXISTING VALVE	⊗ WV
EASEMENT	---
EXISTING C&G	---
SETBACK	---
PROPOSED SAS LINE	---
PROPOSED SAS MANHOLE	●
PROPOSED WATERLINE	---
PROPOSED VALVE	⊗
PROPOSED STORM SEWER MANHOLE	⊙

PHASE I SAS & WL

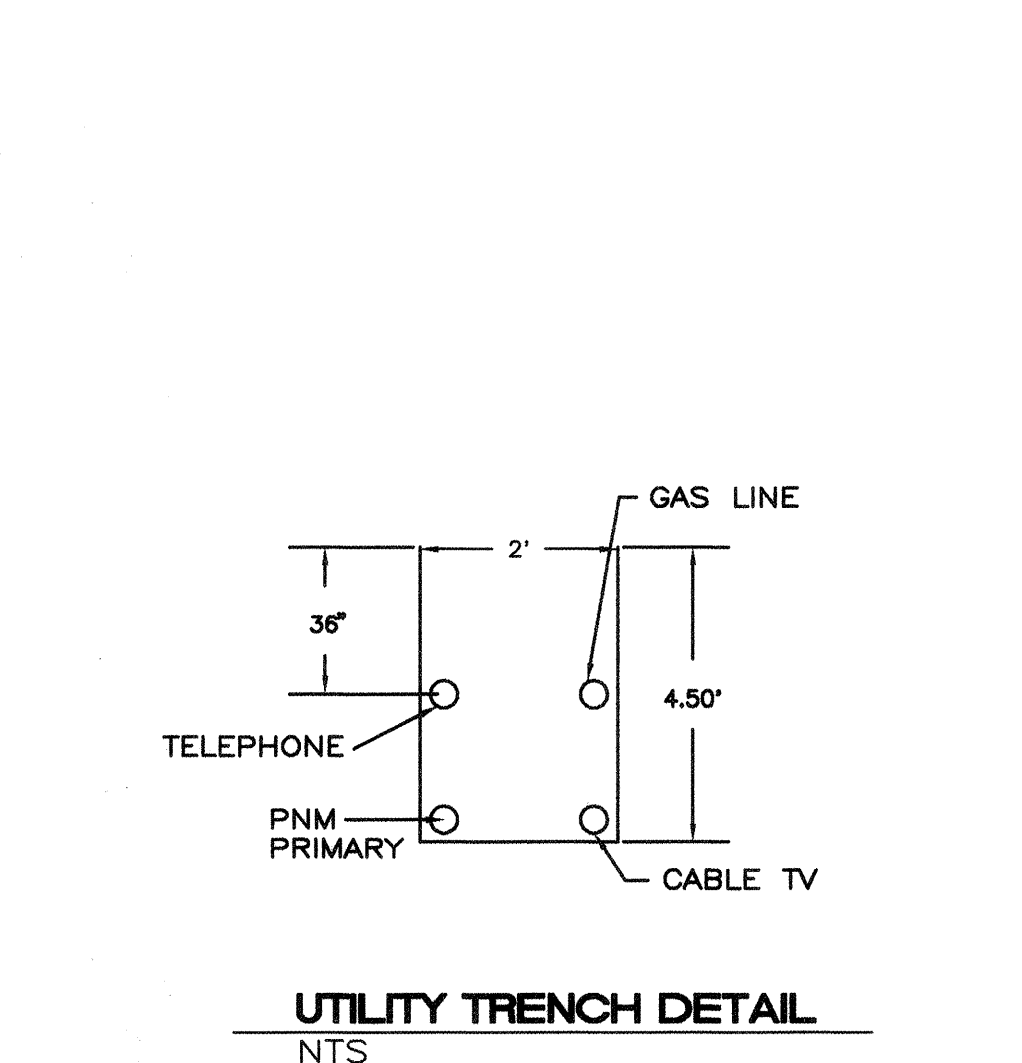


NOTICE TO CONTRACTORS

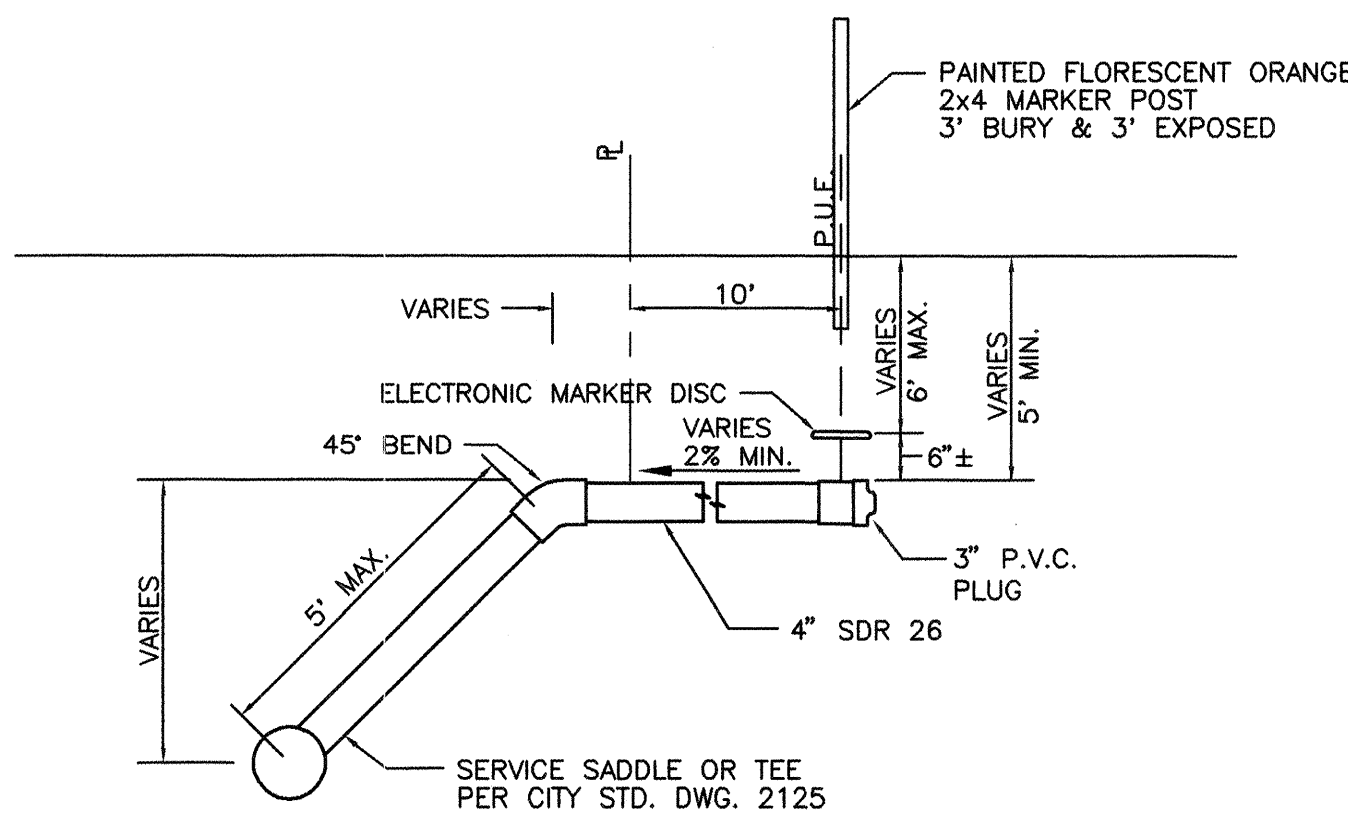
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
9. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF.
10. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.



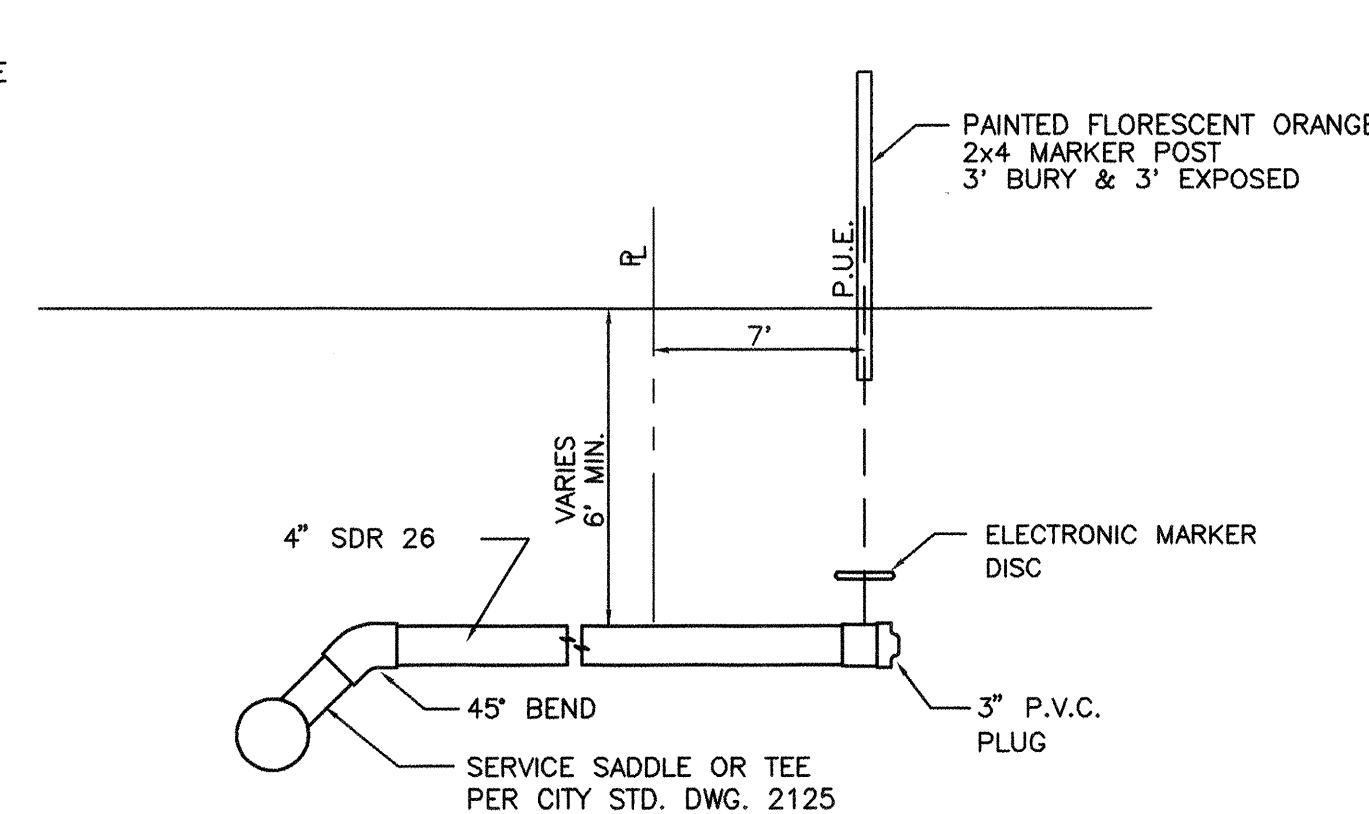
WATER SHUT OFF PLAN



UTILITY TRENCH DETAIL
NTS



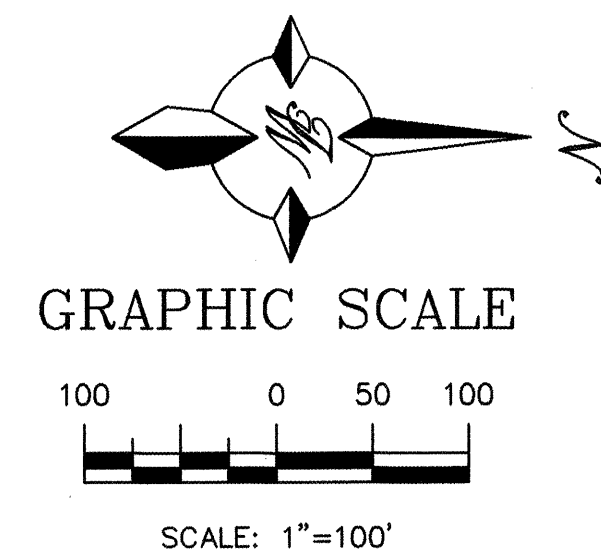
TYP. SANITARY SYSTEM
SERVICE CONNECTION
FOR DEEP SANITARY SEWERS
NO SCALE
PER C.O.A. STD DWG #2134



TYP. SANITARY SYSTEM
SERVICE CONNECTION
NO SCALE
PER C.O.A. STD DWG #2125

GENERAL NOTES:

1. 4" MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATION.
3. ALL STUBS AND UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. CLEAN OUTS TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
5. CLEAN OUTS & MANHOLE TIE POINTS ARE TAKEN USING THE NW PROPERTY CORNER X=10,000, Y=10,000 SEE TABLE 2.
6. SEE ARCHITECTURAL PLANS FOR LIGHTING CONDUITS AND TELEPHONE LINES.



RECORD DRAWING

DATE: January 29, 1999
DRAFTED BY: TERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.

TERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE II**
MASTER UTILITY AND STORM SEWER PLAN

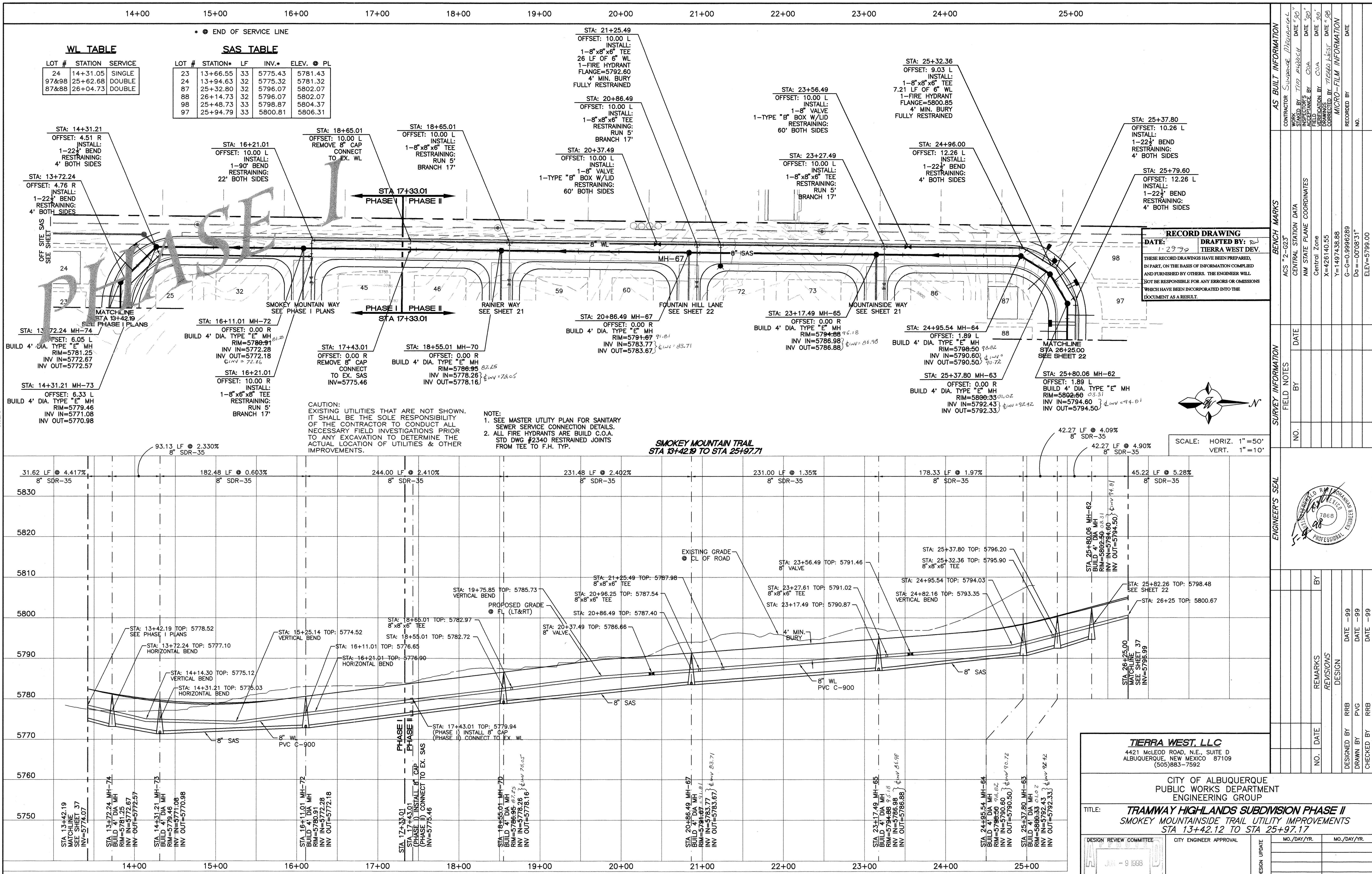
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
APPROVED JUN - 9 1998			
DESIGNED BY RRB	DATE 9-97		
DRAWN BY BDG	DATE 9-97		
CHECKED BY RRB	DATE 9-97		

CITY PROJECT NO. 578182 ZONE MAP NO. G-22 SHEET 19 OF 25

100/960054/9654MU2.DWG/BDG/11-04-97

SAS TABLE

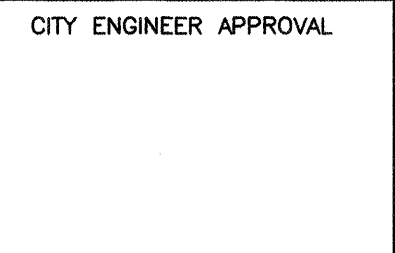
LOT #	STATION*	LF	INV.*	ELEV. @ PL
23	13+66.55	33	5775.43	5781.43
24	13+94.63	32	5775.32	5781.32
87	25+32.80	32	5796.07	5802.07
88	26+14.73	32	5796.07	5802.07
98	25+48.73	33	5798.87	5804.37
97	25+94.79	33	5800.81	5806.31



RECORD DRAWING	
DATE: 1-29-99	DRAFTED BY: Rul TIERRA WEST DEV.
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE DOCUMENT AS A RESULT.	

SCALE: HORIZ. 1"=50'
VERT. 1"=10'

-35		

<i>TERRA WEST, LLC</i> 4421 MCLEOD ROAD, N.E., SUITE D ALBUQUERQUE, NEW MEXICO 87109 (505)883-7592											
						NO.	DATE	DRAWN BY	CHECKED BY		
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP											
TITLE: <i>TRAMWAY HIGHLANDS SUBDIVISION PHASE II</i> <i>SMOKEY MOUNTAINSIDE TRAIL UTILITY IMPROVEMENTS</i> <i>STA 13+42.12 TO STA 25+97.17</i>											
DESIGN REVIEW COMMITTEE 				CITY ENGINEER APPROVAL 		LAST DESIGN UPDATE	MO./DAY/YR. 		MO./DAY/YR. 		
CITY PROJECT NO. <i>578182</i>				ZONE MAP NO. <i>G-22</i>		SHEET <i>20</i> OF <i>25</i>					

SCANNED BY
MESA REPRO

50/960054/SMNT-UT2.DWG/5-5-97/BDG

10+00 11+00 12+00

* END OF SERVICE LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
46	10+40.00	40	5782.53	5788.53
47	10+85.50	33	5785.13	5791.13
48	11+35.50	33	5787.35	5793.35
49	11+85.50	33	5788.85	5795.35
50	12+32.00	33	5791.23	5797.23
51	12+85.00	65	5792.99	5798.99
52	12+85.00	32	5792.99	5798.99
53	12+85.00	32	5792.99	5798.99
54	12+85.00	64	5792.99	5798.99
55	12+29.00	33	5791.09	5797.09
56	11+88.50	33	5789.47	5795.47
57	11+38.50	33	5787.47	5793.47
58	10+88.50	33	5785.88	5791.88
59	10+37.00	43	5782.81	5788.81

WL TABLE

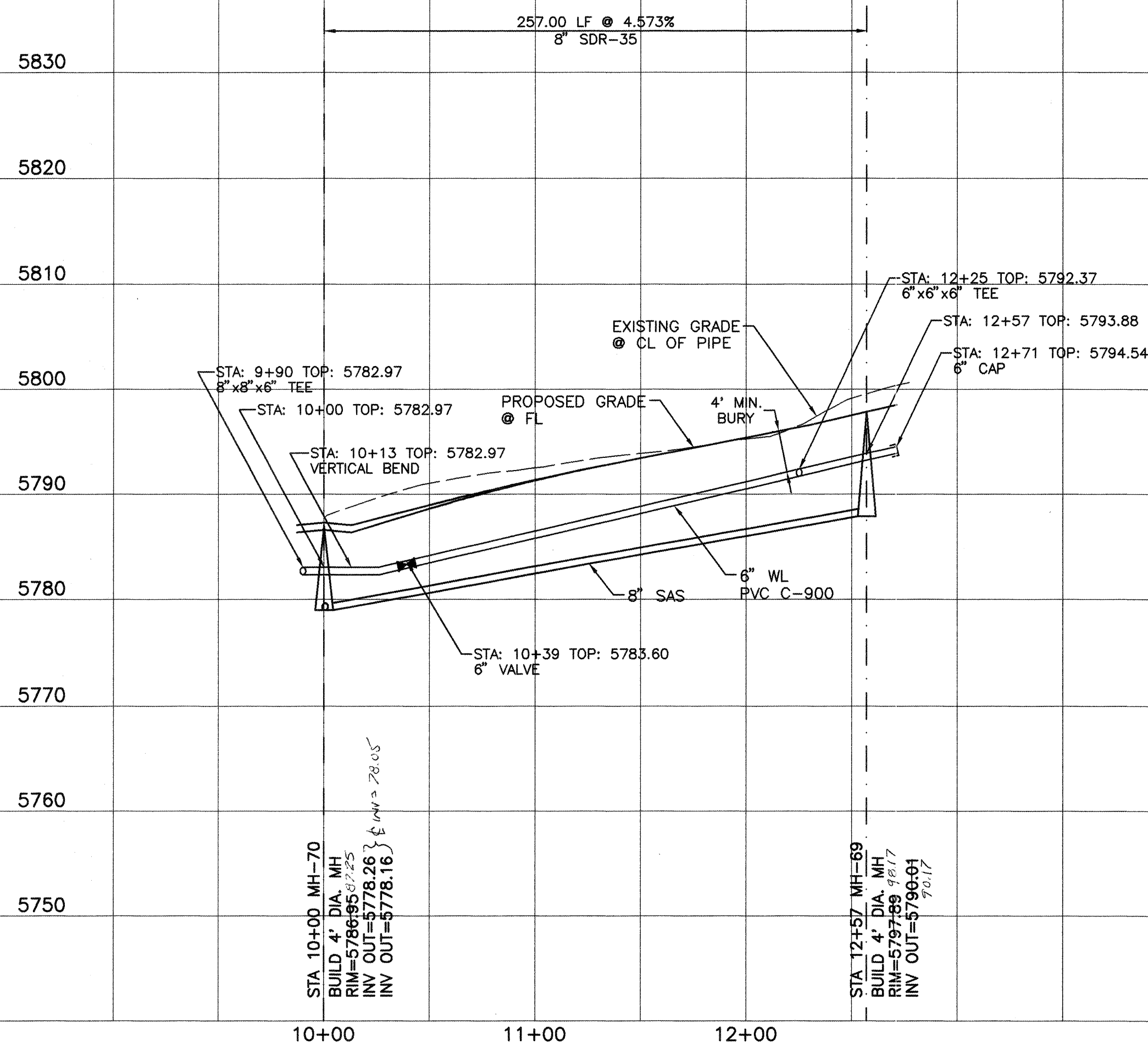
LOT #	STATION	SERVICE
46&47	10+77.00	DOUBLE
48&49	11+77.00	DOUBLE
50&51	12+77.00	DOUBLE
52&53	12+77.00	DOUBLE
54&55	12+77.00	DOUBLE
56&57	11+77.00	DOUBLE
58&59	10+77.00	DOUBLE

- NOTE:
- SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
 - ALL FIRE HYDRANTS ARE BUILD C.O.A. STD DWG #2340 RESTRAINED JOINTS FROM TEE TO F.H. TYP.

CAUTION:
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IMPROVEMENTS.

SCALE: HORIZ. 1"=50'
VERT. 1"=10'

RAINIER WAY
STA 10+00.00 TO STA 12+71.00



10+00 11+00 12+00

RECORD DRAWING

DATE: 1-29-99 DRAFTED BY: RW
TERRA WEST DEV.
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* END OF SERVICE LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
73	10+40.00	40	5794.05	5799.55
74	10+85.50	33	5794.15	5799.65
75	11+35.50	33	5796.15	5801.65
76	11+85.50	33	5798.15	5803.65
77	12+32.00	33	5800.15	5805.65
78	12+85.00	65	5801.47	5806.97
79	12+85.00	32	5801.85	5807.35
80	12+85.00	32	5802.15	5807.65
81	12+85.00	64	5802.25	5807.75
82	12+29.00	33	5800.67	5806.17
83	11+88.50	33	5798.67	5804.17
84	11+38.50	33	5796.67	5802.17
85	10+88.50	33	5794.67	5800.17
86	10+37.00	43	5792.62	5798.12

WL TABLE

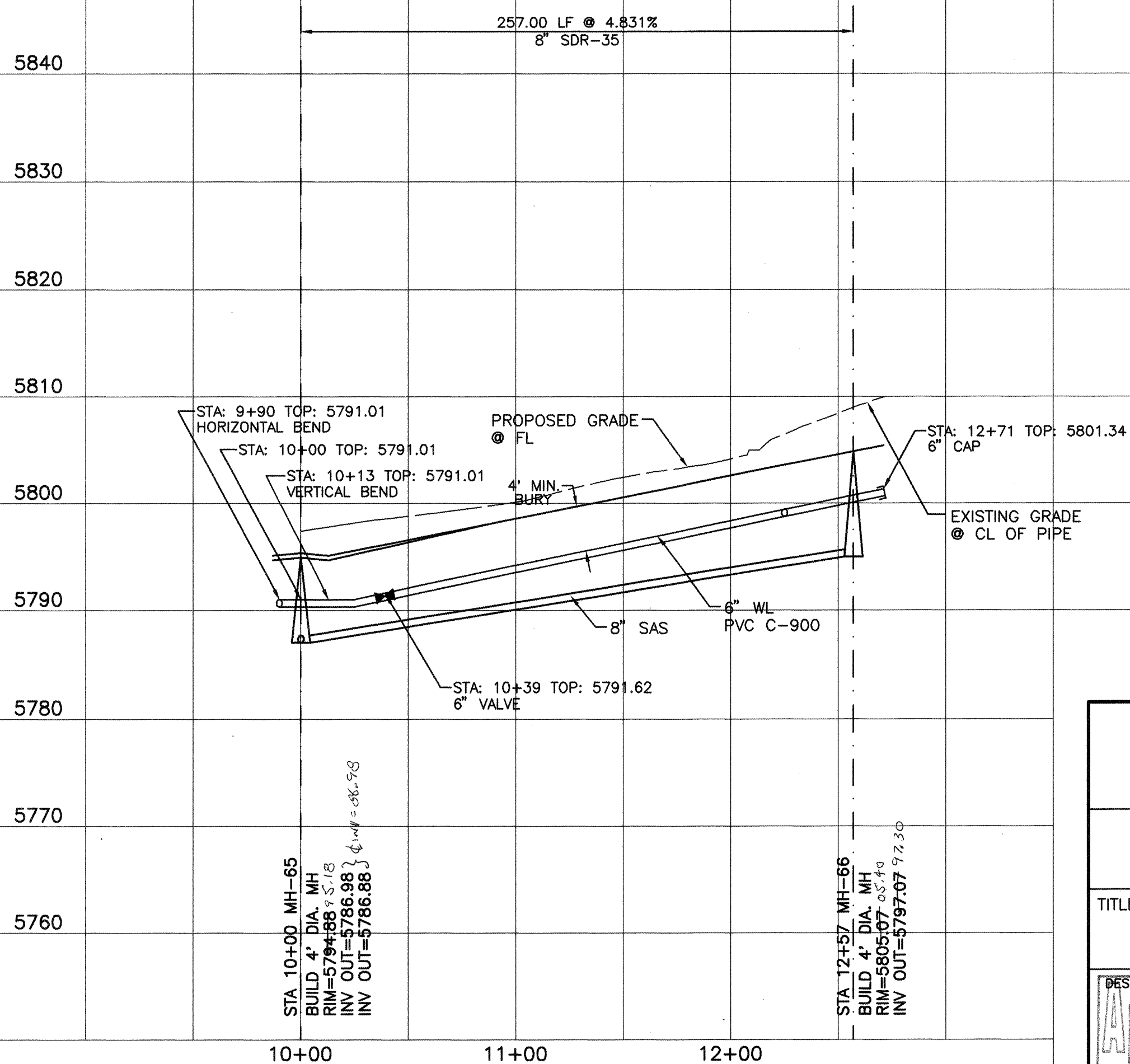
LOT #	STATION	SERVICE
73&74	10+77.00	DOUBLE
75&76	11+77.00	DOUBLE
77&78	12+77.00	DOUBLE
79&80	12+77.00	DOUBLE
81&82	12+77.00	DOUBLE
83&84	11+77.00	DOUBLE
85&86	10+77.00	DOUBLE

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VERT. 1"=10'

MOUNTAIN SIDE WAY
STA 10+00.00 TO STA 12+71.00



TERRA WEST, LLC
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ALBUQUERQUE, NEW MEXICO 87109
(505) 883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE II**
UTILITY IMPROVEMENTS
RAINIER WAY / MOUNTAIN SIDE WAY

DESIGN REVIEW COMMITTEE
JAN - 9 1998
DESIGN REVIEW COMMITTEE

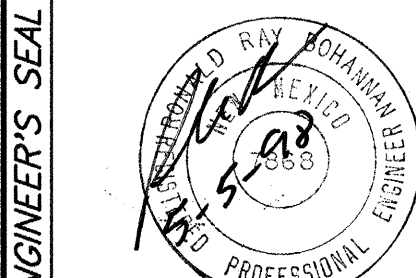
CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO. 578182

ZONE MAP NO. 6-22

SHEET 21 OF 25



NO.	DATE	REMARKS	BY
		DESIGN	
		RRB	
		BDG	
		RRB	

MO./DAY/YR.	MO./DAY/YR.

10+00

11+00

12+00

13+00

* END OF SERVICE LINE

SAS TABLE

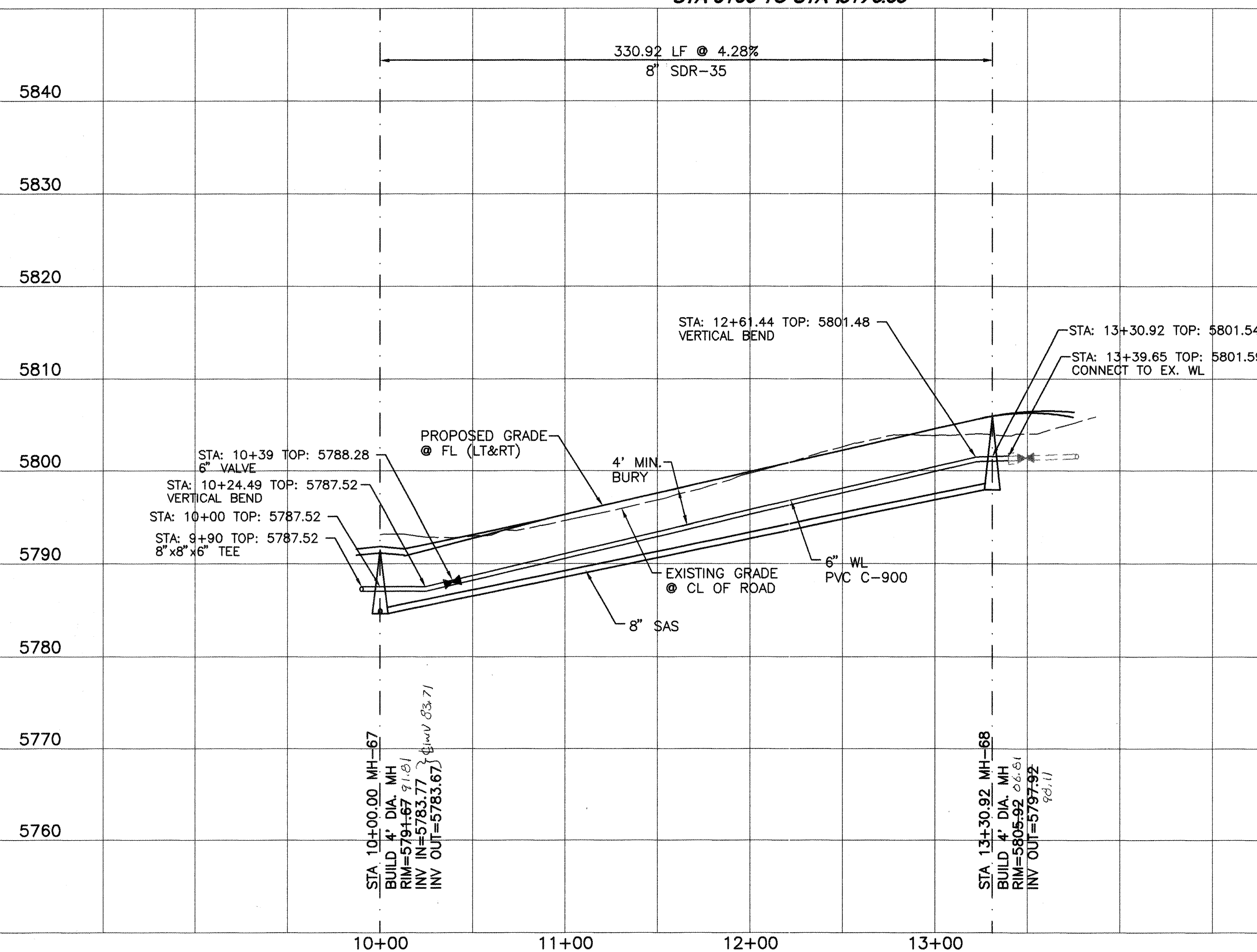
LOT #	STATION*	LF	INV.*	ELEV. @ PL
60	10+35.00	41	5789.18	5794.68
61	10+97.58	33	5791.68	5797.18
62	11+52.58	33	5794.23	5799.73
63	12+07.58	33	5796.78	5802.28
64	12+62.58	33	5799.34	5804.84
65	13+17.58	33	5800.62	5806.12
66	13+25.92	33	5801.74	5807.24
67	12+76.05	33	5799.47	5804.97
68	12+27.00	33	5797.19	5802.69
69	11+80.00	33	5795.01	5800.51
70	11+33.00	33	5792.83	5798.33
71	10+86.00	33	5790.71	5796.21
72	10+32.00	43	5788.99	5794.49

WL TABLE

LOT #	STATION	SERVICE
60&61	10+97.58	DOUBLE
62&63	11+97.58	DOUBLE
64&65	13+07.58	DOUBLE
66	13+16.05	SINGLE
67&68	12+66.05	DOUBLE
69&70	11+70.00	DOUBLE
71&72	10+76.00	DOUBLE

- NOTE:
- SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
 - ALL FIRE HYDRANTS ARE BUILD C.O.A. STD DWG #2340 RESTRAINED JOINTS FROM TEE TO F.H. TYP.

CAUTION:
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FOUNTAIN HILL LANE
STA 9+90 TO STA 13+76.65

10+00

11+00

12+00

* END OF SERVICE LINE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
89	26+64.73	33	5802.65	5808.15
90	27+14.73	33	5805.34	5810.84
91	27+62.31	33	5807.54	5813.04
92	28+05.57	33	5809.14	5814.64
93	28+05.57	33	5808.18	5813.68
94	27+37.95	33	5807.68	5813.18
95	26+90.95	33	5805.27	5810.77
96	26+43.95	33	5802.87	5808.37

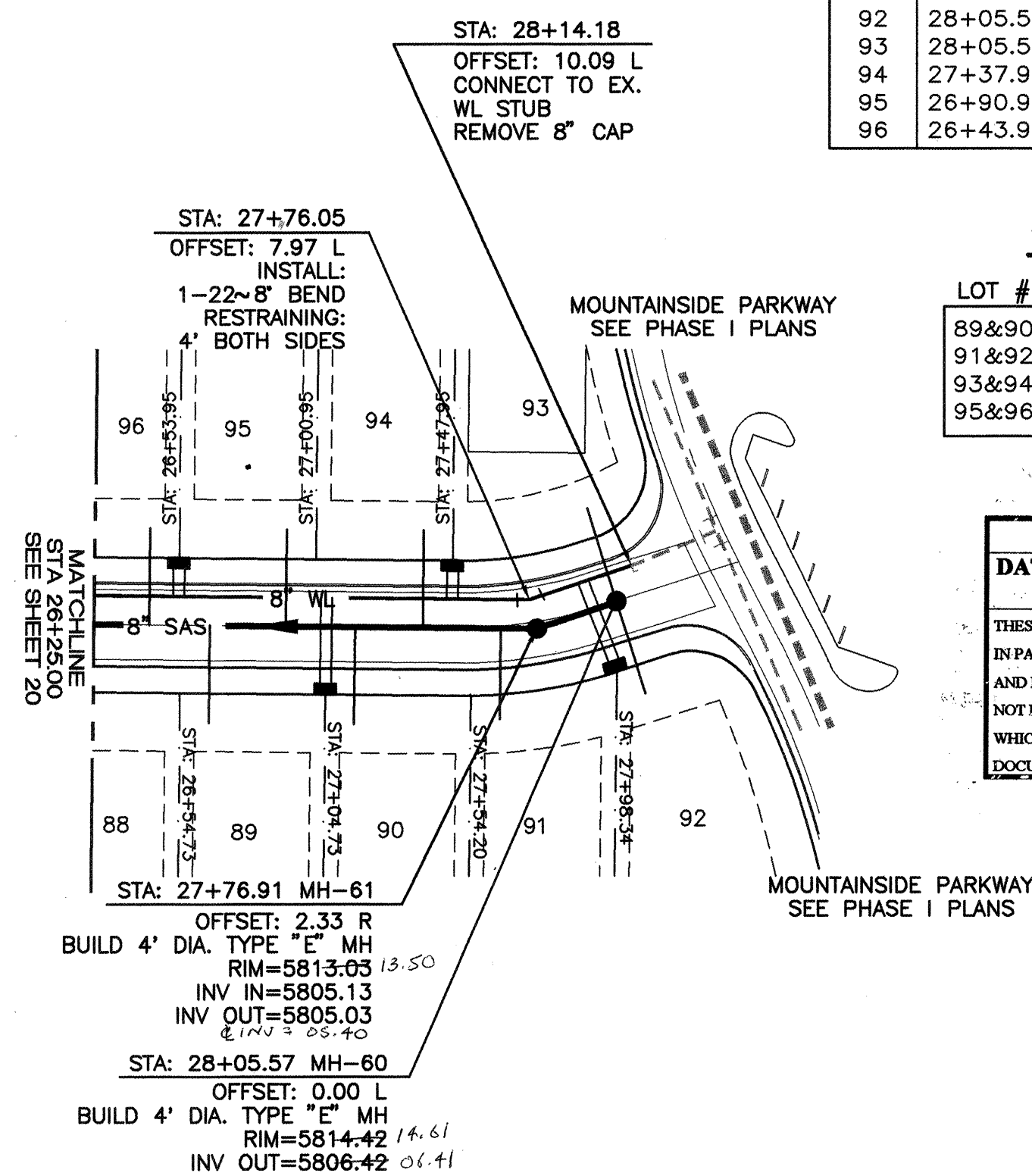
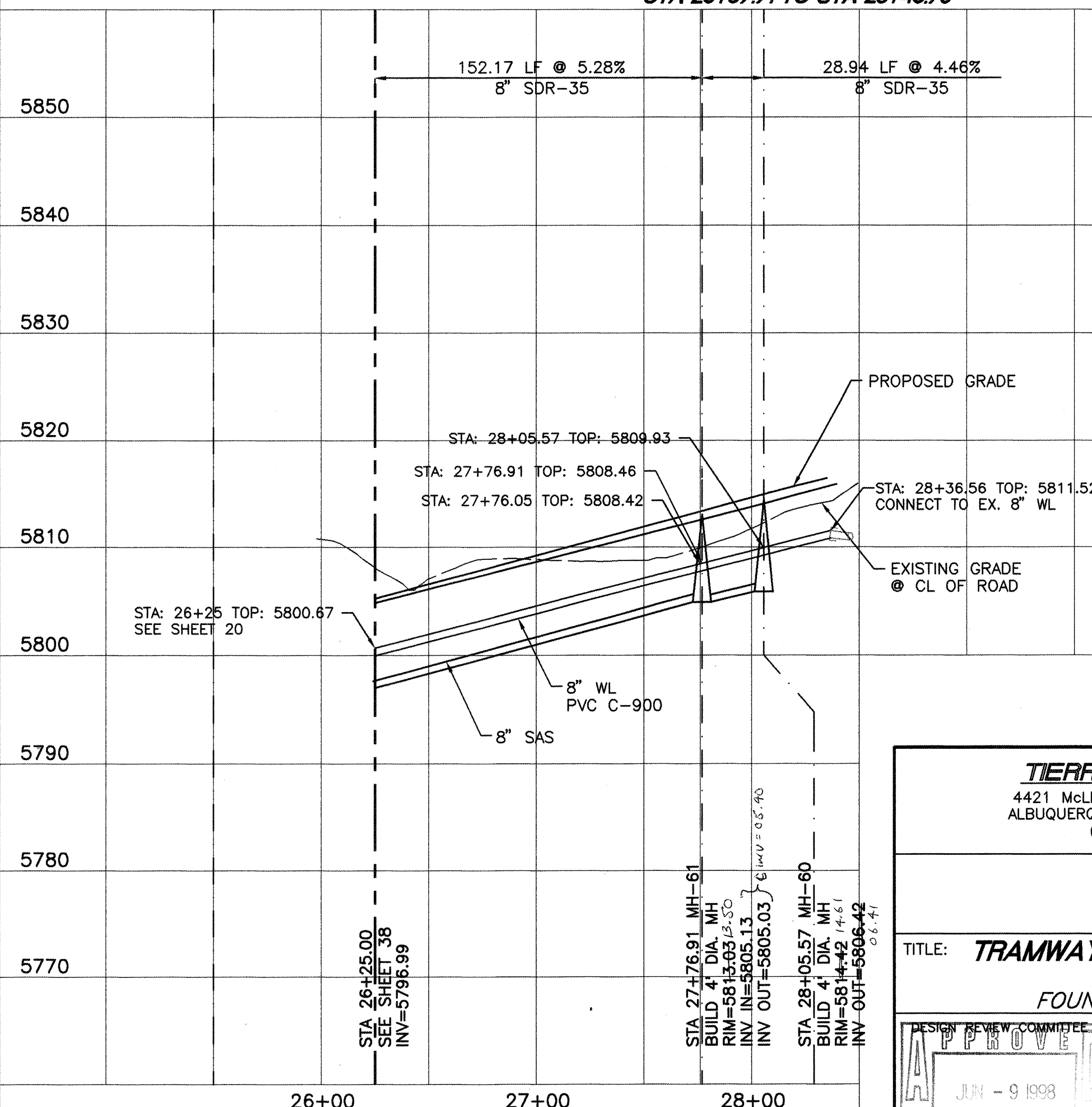
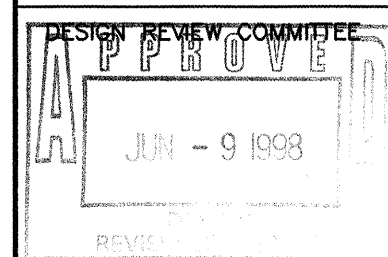
WL TABLE

LOT #	STATION	SERVICE
89&90	27+04.73	DOUBLE
91&92	27+98.34	DOUBLE
93&94	27+47.95	DOUBLE
95&96	26+53.95	DOUBLE

RECORD DRAWING

DATE: 1-29-99
DRAFTED BY: RRB
TIERRA WEST DEV.

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MANGAS TRAIL
STA 25+97.71 TO STA 28+45.79SCALE: HORIZ. 1"=50'
VERT. 1"=10'TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUPTITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE II
UTILITY IMPROVEMENTS
FOUNTAIN HILL LANE / MANGAS TRAIL

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

578182

ZONE MAP NO.

G-22

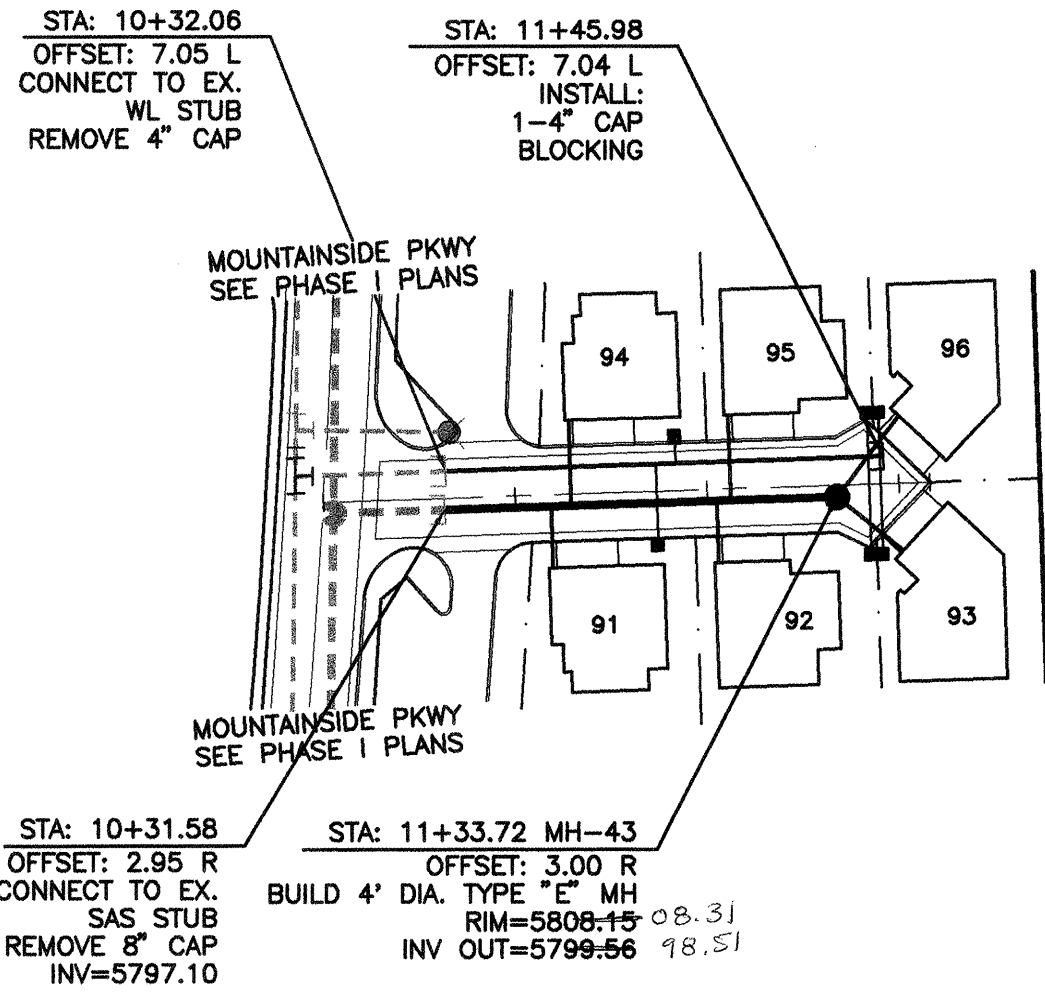
SHEET

22

OF

25

10+00 11+00



WL TABLE

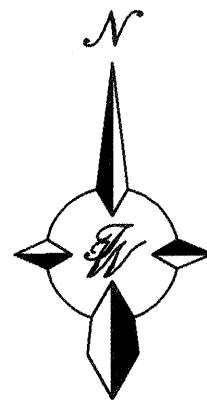
LOT #	STATION	SERVICE
91	10+86.76	SINGLE
92&93	11+43.66	DOUBLE
94	10+91.93	SINGLE
95&96	11+43.66	DOUBLE

SAS TABLE

LOT #	STATION*	LF	INV.*	ELEV. @ PL
91	10+59.26	16	5800.21	5806.21
92	11+02.48	16	5801.51	5807.51
93	11+50.50	22	5802.95	5808.95
94	10+64.43	22	5800.74	5806.74
95	11+06.04	22	5801.82	5807.82
96	11+50.50	26	5802.98	5808.98

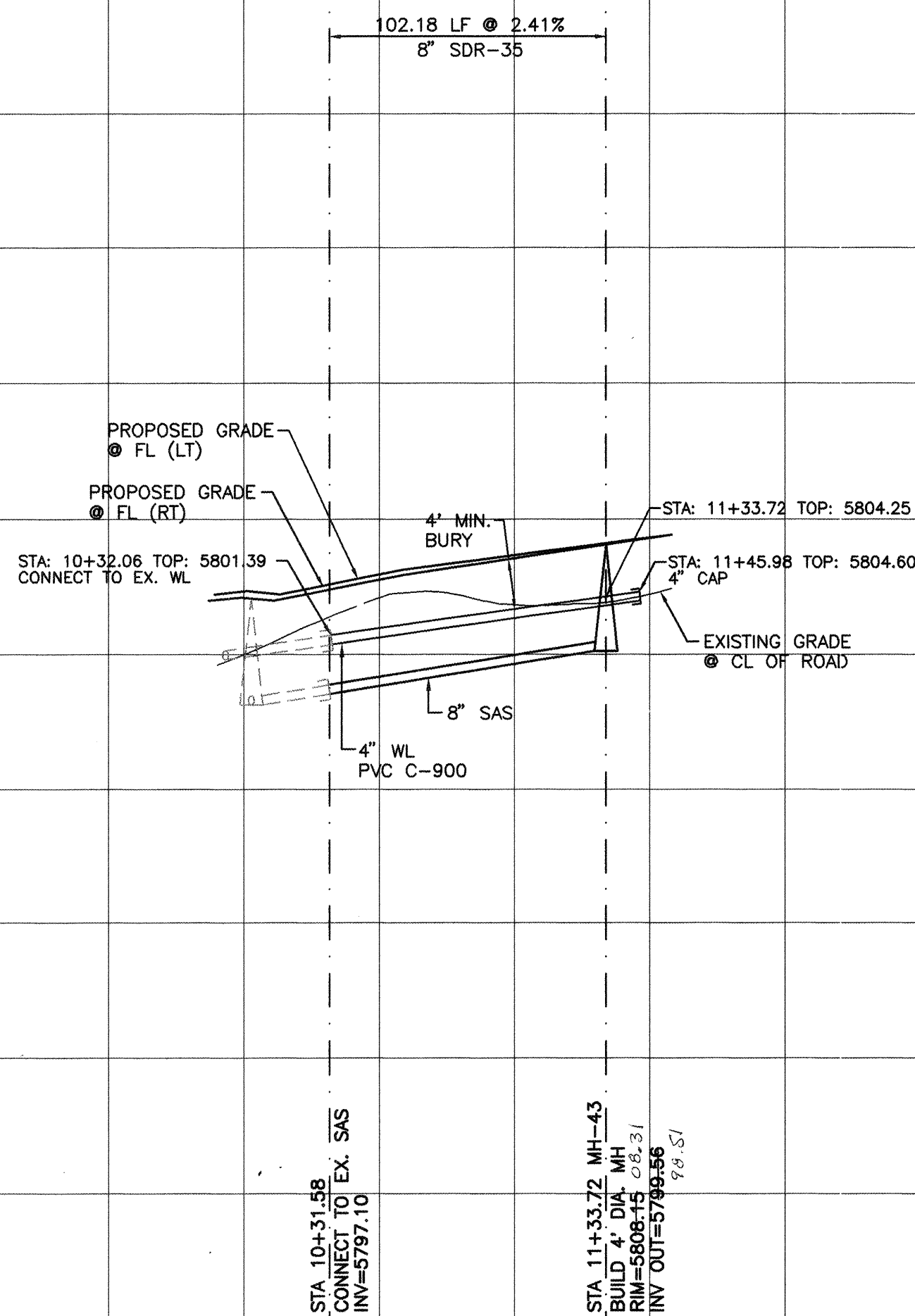
- NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY SEWER SERVICE CONNECTION DETAILS.
 2. ALL FIRE HYDRANTS ARE BUILD C.O.A. STD DWG #2340 RESTRAINED JOINTS FROM TEE TO F.H. TYP.

CAUTION:
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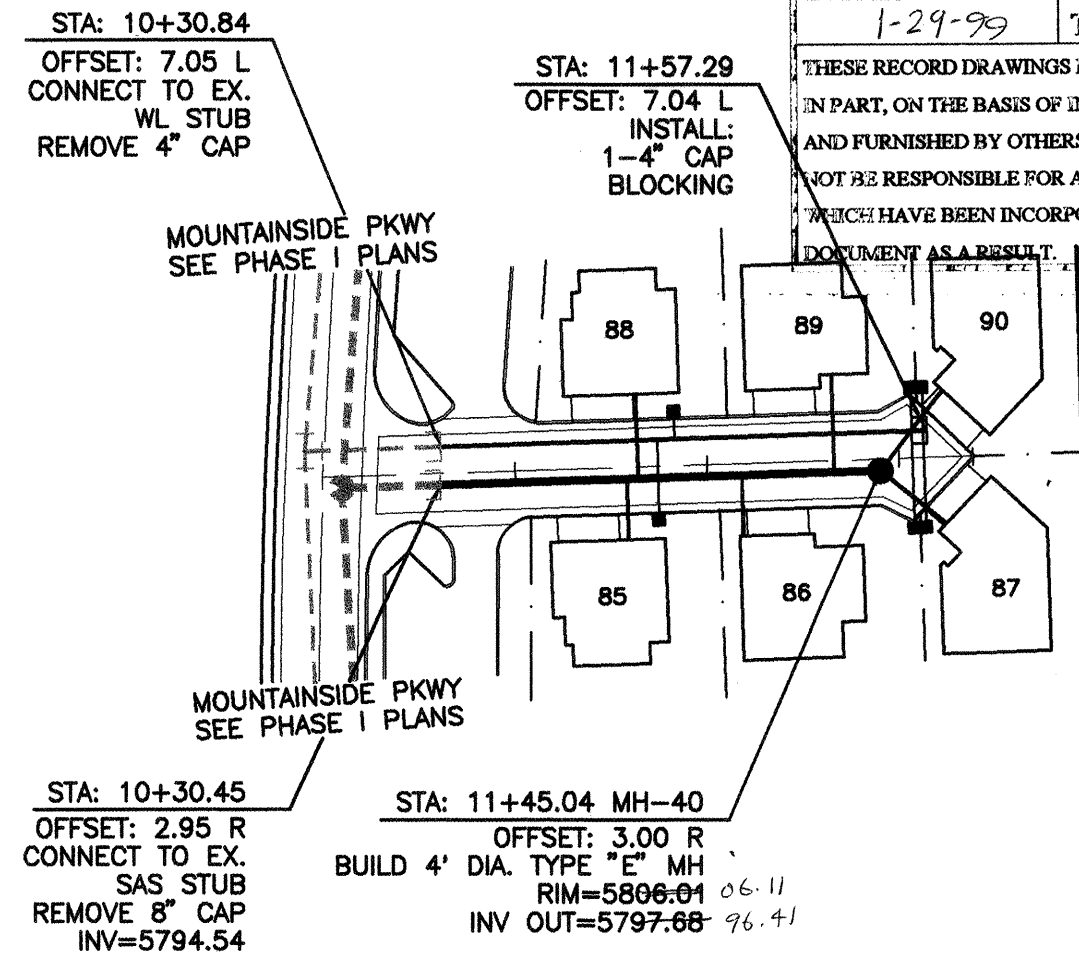
LOTS 91-96
STA 10+00 TO STA 11+50.50

SCALE: HORIZ. 1"=50'
VERT. 1"=10'



10+00 11+00

10+00 11+00



RECORD DRAWING
DATE: 1-29-99
DRAFTED BY: RW
TERRA WEST DEV.
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WL TABLE

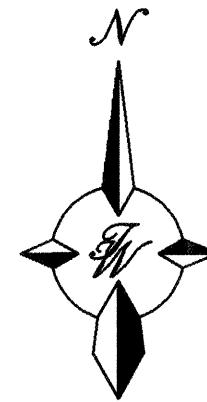
LOT #	STATION	SERVICE
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86&87	11+54.98	DOUBLE
88	10+91.78	SINGLE
89&90	11+54.98	DOUBLE

SAS TABLE

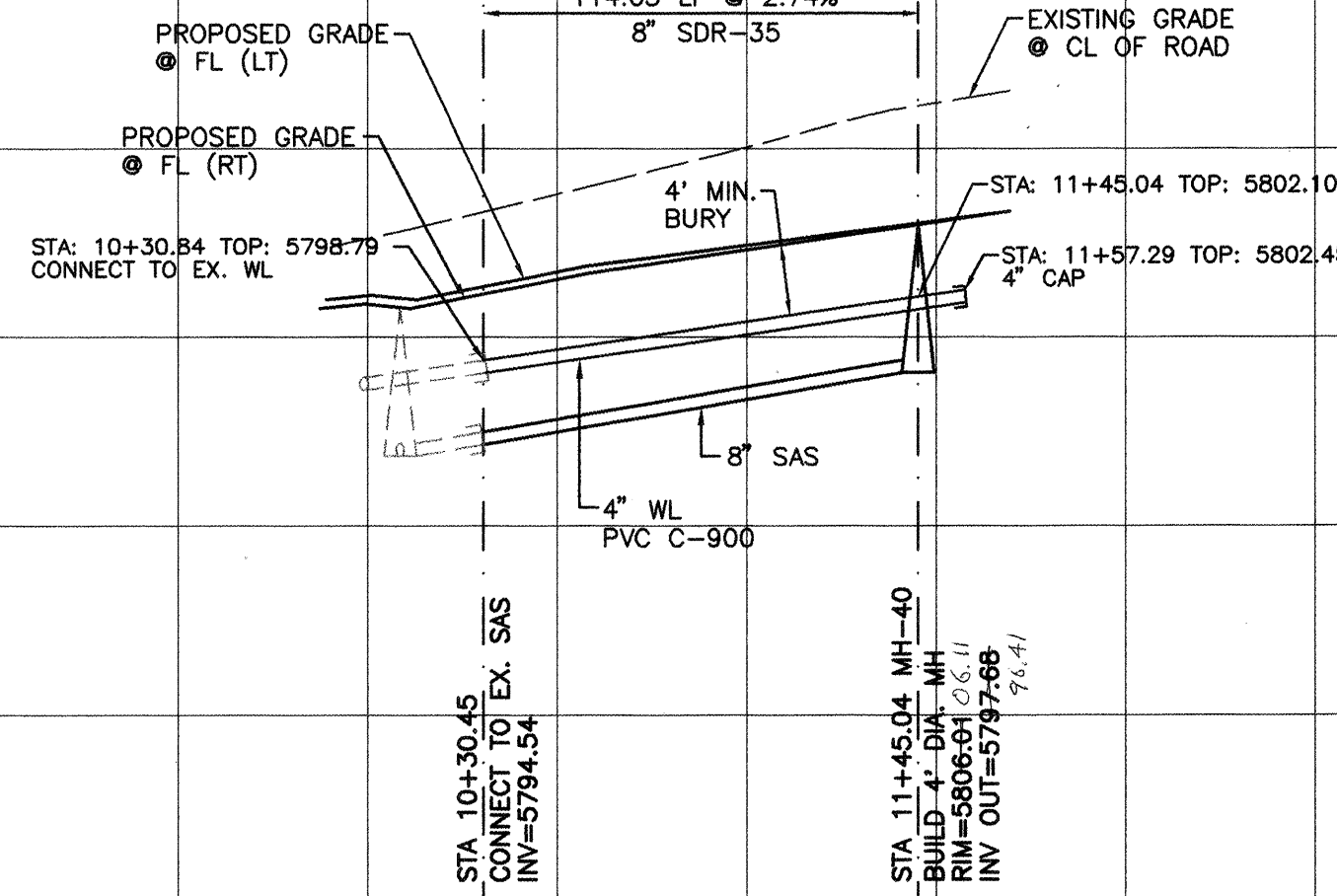
LOT #	STATION*	LF	INV.*	ELEV. @ PL
85	10+78.98	16	5798.32	5804.32
86	11+08.97	16	5799.22	5805.22
87	11+61.81	22	5800.81	5806.81
88	10+81.98	22	5798.74	5804.74
89	11+32.98	22	5800.08	5806.08
90	11+61.82	26	5800.84	5806.84

- NOTE:
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LOTS 85-90
STA 10+00 TO STA 11+61.81



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

WL TABLE

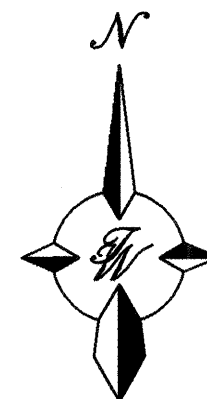
LOT #	STATION	SERVICE
97	10+84.90	SINGLE
98&99	11+33.40	DOUBLE
100	10+84.90	SINGLE
101&102	11+33.40	DOUBLE

SAS TABLE

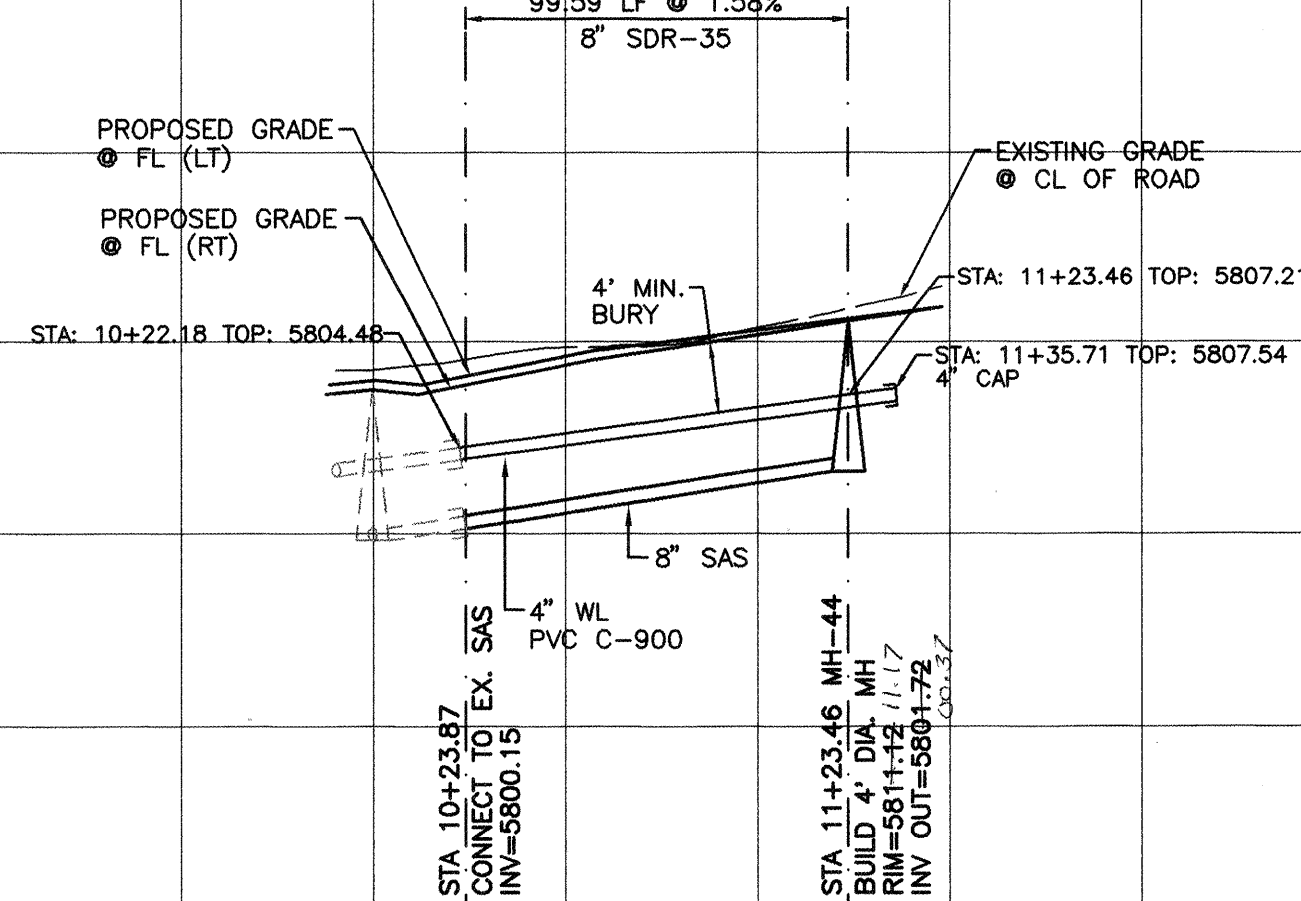
LOT #	STATION*	LF	INV.*	ELEV. @ PL
97	10+57.40	16	5803.41	5809.41
98	11+00.40	16	5804.70	5810.70
99	11+40.24	22	5805.90	5811.90
100	10+60.40	22	5803.61	5809.61
101	10+97.40	22	5804.86	5810.86
102	11+40.24	26	5805.94	5811.94

- NOTE:
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LOTS 97-102
STA 10+00 TO STA 11+40.24

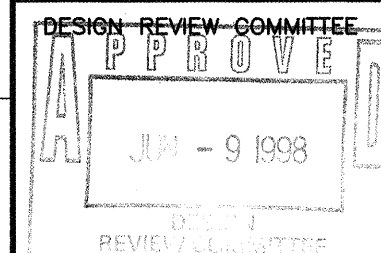


SCALE: HORIZ. 1"=50'
VERT. 1"=10'

TERRA WEST, LLC
4421 MCLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TRAMWAY HIGHLANDS SUBDIVISION PHASE II
UTILITY IMPROVEMENTS
LOTS 85-90 / LOTS 91-96 / LOTS 97-102



CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

CITY PROJECT NO.

578182

ZONE MAP NO.

G-22

SHEET

OF

23

25

CONTRACTOR'S SIGNATURE
DATE
INSPECTOR'S SIGNATURE
DATE
FIELD VERIFICATION BY
DATE
CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL

BY

DATE

REMARKS

DESIGN

DESIGNED BY

BOG

CHECKED BY

RRB

DATE

8/97

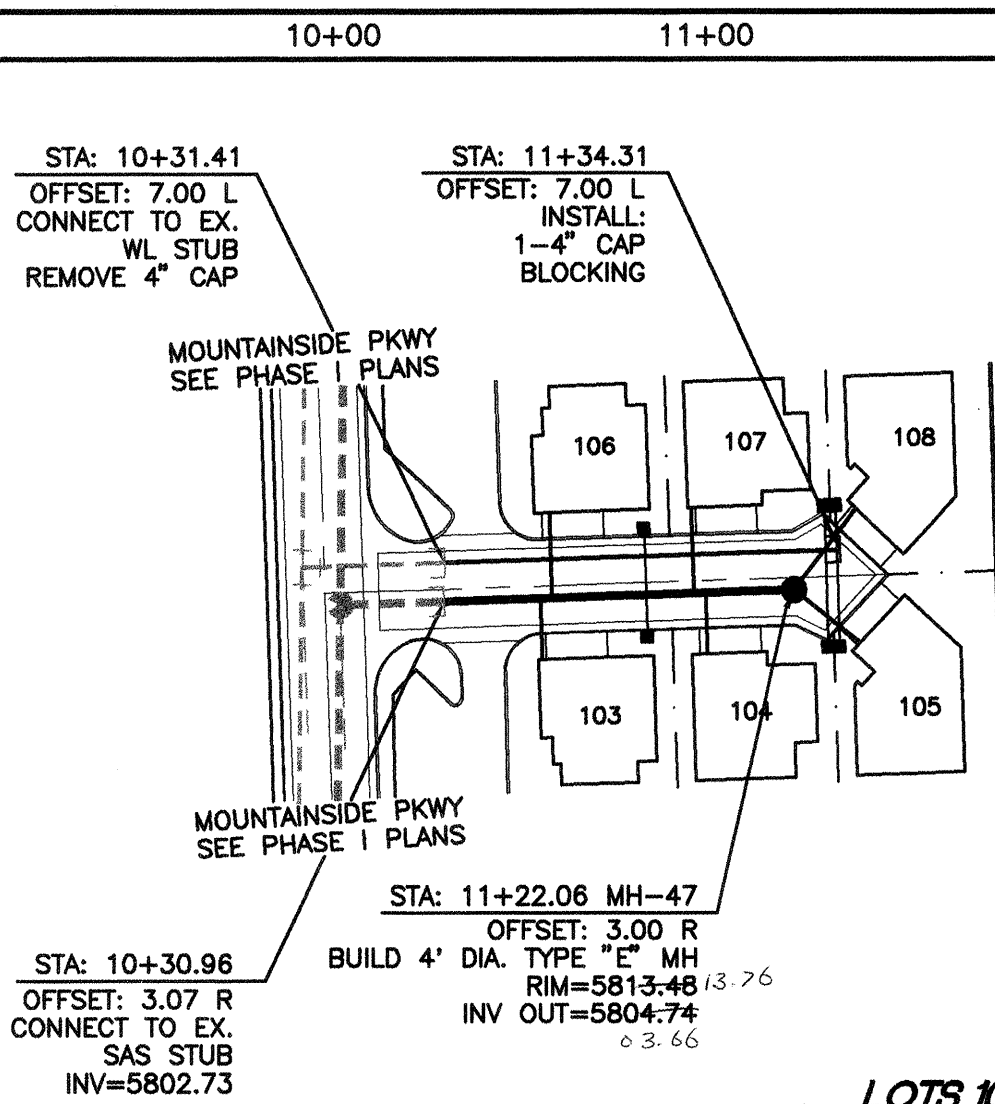
DATE

8/97

DATE

8/97

SCANNED BY
MESA REPRO



WL TABLE

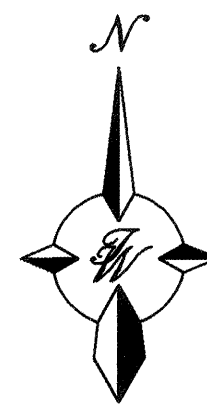
LOT #	STATION	SERVICE
103	10+83.50	SINGLE
104&105	11+32.00	DOUBLE
106	10+83.50	SINGLE
107&108	11+32.00	DOUBLE

SAS TABLE

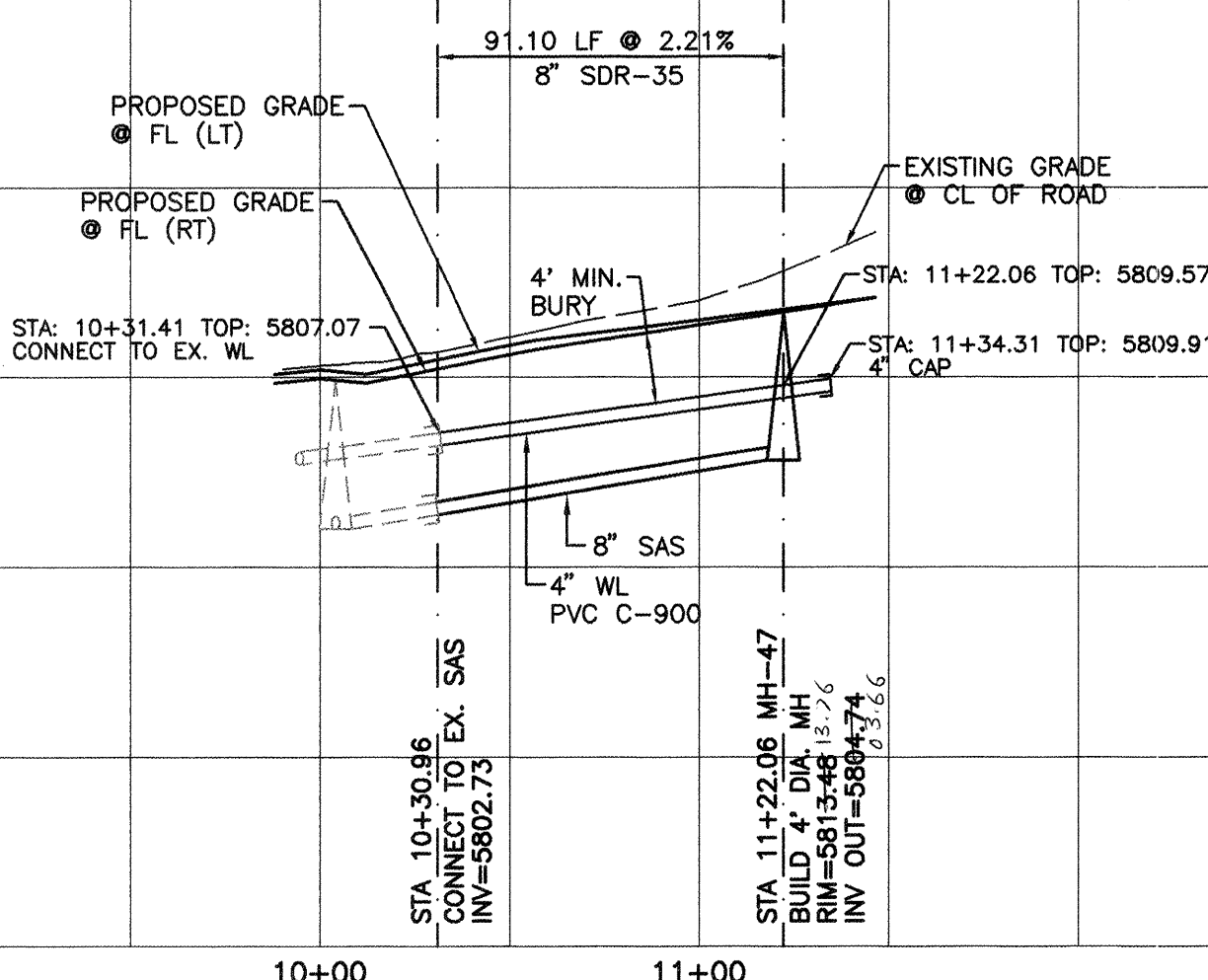
LOT #	STATION*	LF	INV.*	ELEV. @ PL
103	10+56.00	16	5805.78	5811.78
104	11+19.00	20	5807.07	5813.07
105	11+38.83	22	5808.27	5814.27
106	10+79.00	22	5806.33	5812.33
107	10+96.00	22	5807.25	5813.25
108	11+38.83	26	5808.31	5814.31

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY
SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE BUILD C.O.A.
STD DWG #2340 RESTRAINED JOINTS
FROM TEE TO F.H. TYP.

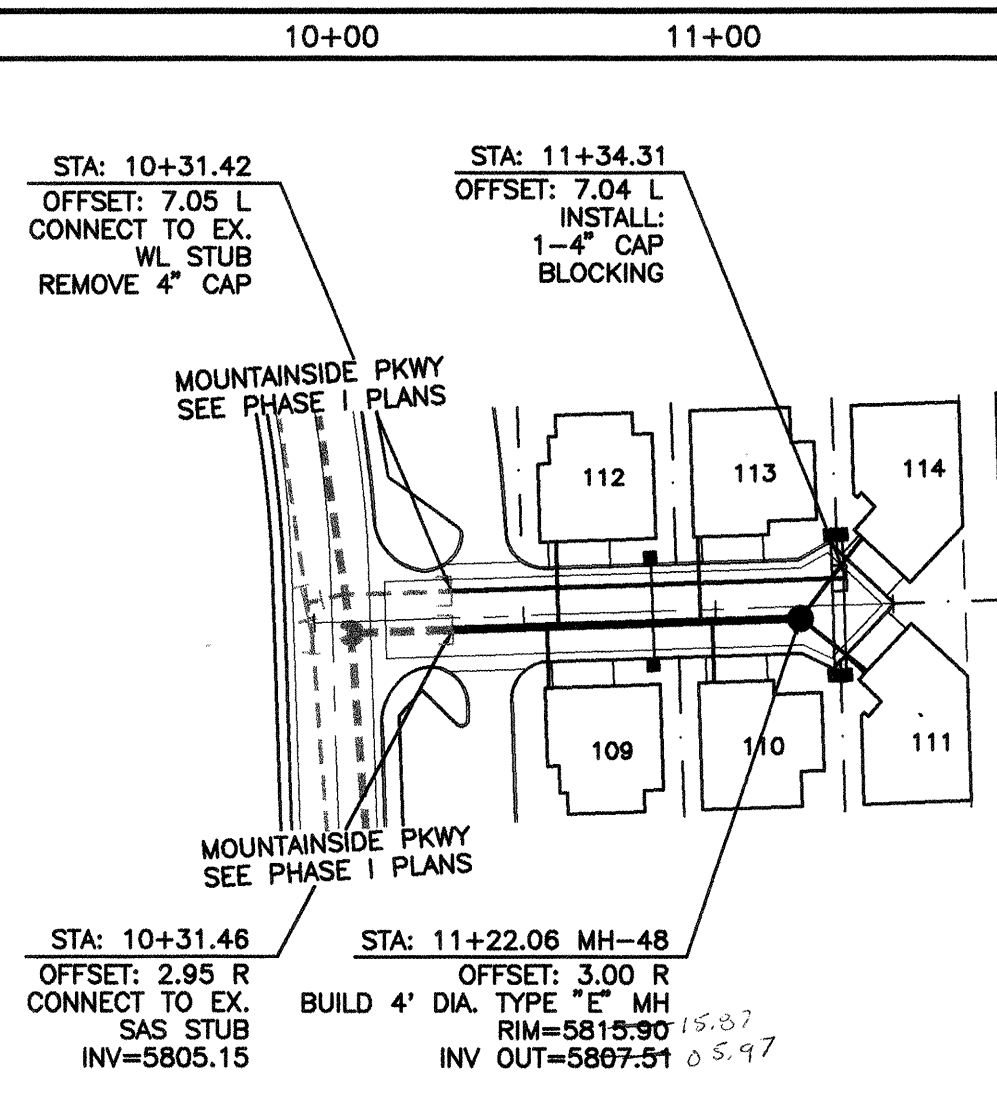
CAUTION:
EXISTING UTILITIES THAT ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.



LOTS 103-108
STA 10+00 TO STA 11+38.83



SCALE: HORIZ. 1"=50'
VERT. 1"=10'



WL TABLE

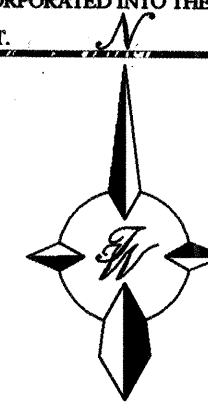
LOT #	STATION	SERVICE
109	10+83.50	SINGLE
110&111	11+32.00	DOUBLE
112	10+83.50	SINGLE
113&114	11+32.00	DOUBLE

SAS TABLE

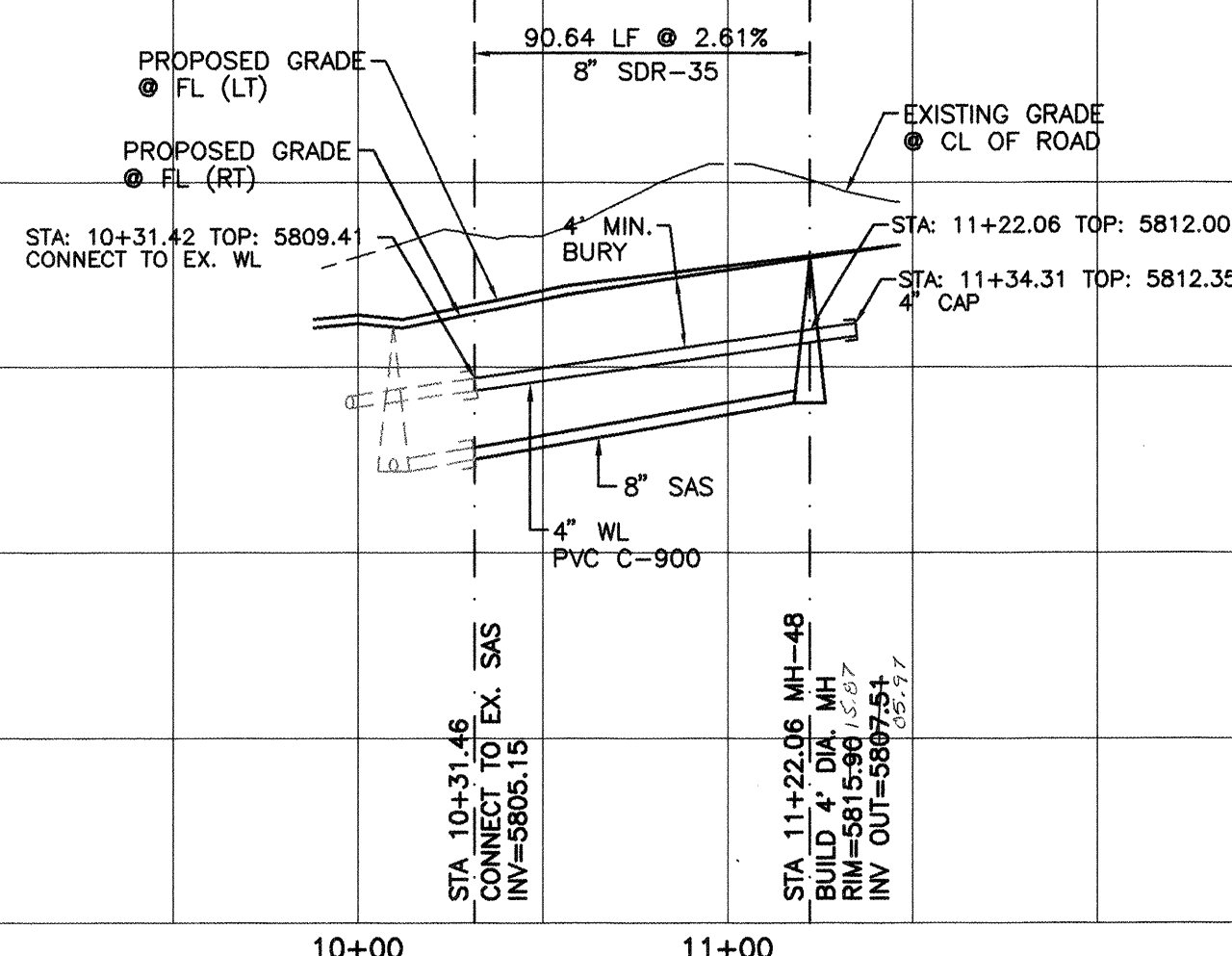
LOT #	STATION*	LF	INV.*	ELEV. @ PL
109	10+56.00	16	5808.22	5814.22
110	10+99.00	16	5809.51	5815.51
111	11+38.83	22	5810.70	5816.70
112	10+59.00	22	5808.77	5814.77
113	10+96.00	22	5809.69	5815.69
114	11+38.83	26	5810.74	5816.74

NOTE:
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STD DWG #2340 RESTRAINED JOINTS
FROM TEE TO F.H. TYP.

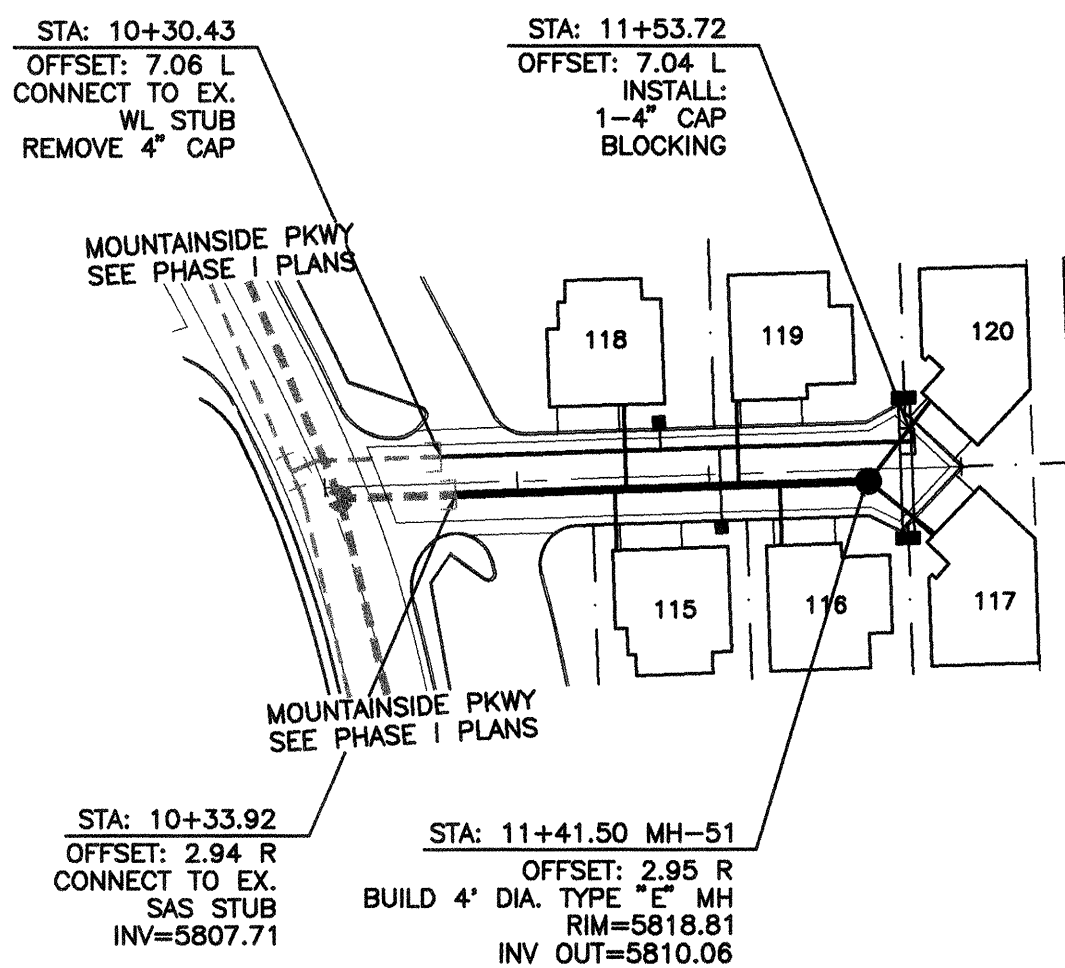
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IMPROVEMENTS.



LOTS 109-114
STA 10+00 TO STA 11+38.83



SCALE: HORIZ. 1"=50'
VERT. 1"=10'



WL TABLE

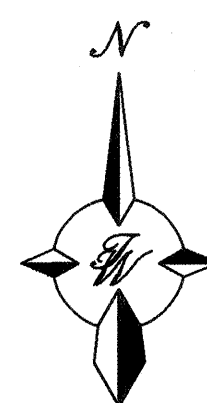
LOT #	STATION	SERVICE
115	11+02.90	SINGLE
116&117	11+51.40	DOUBLE
118	10+87.53	SINGLE
119&120	11+51.40	DOUBLE

SAS TABLE

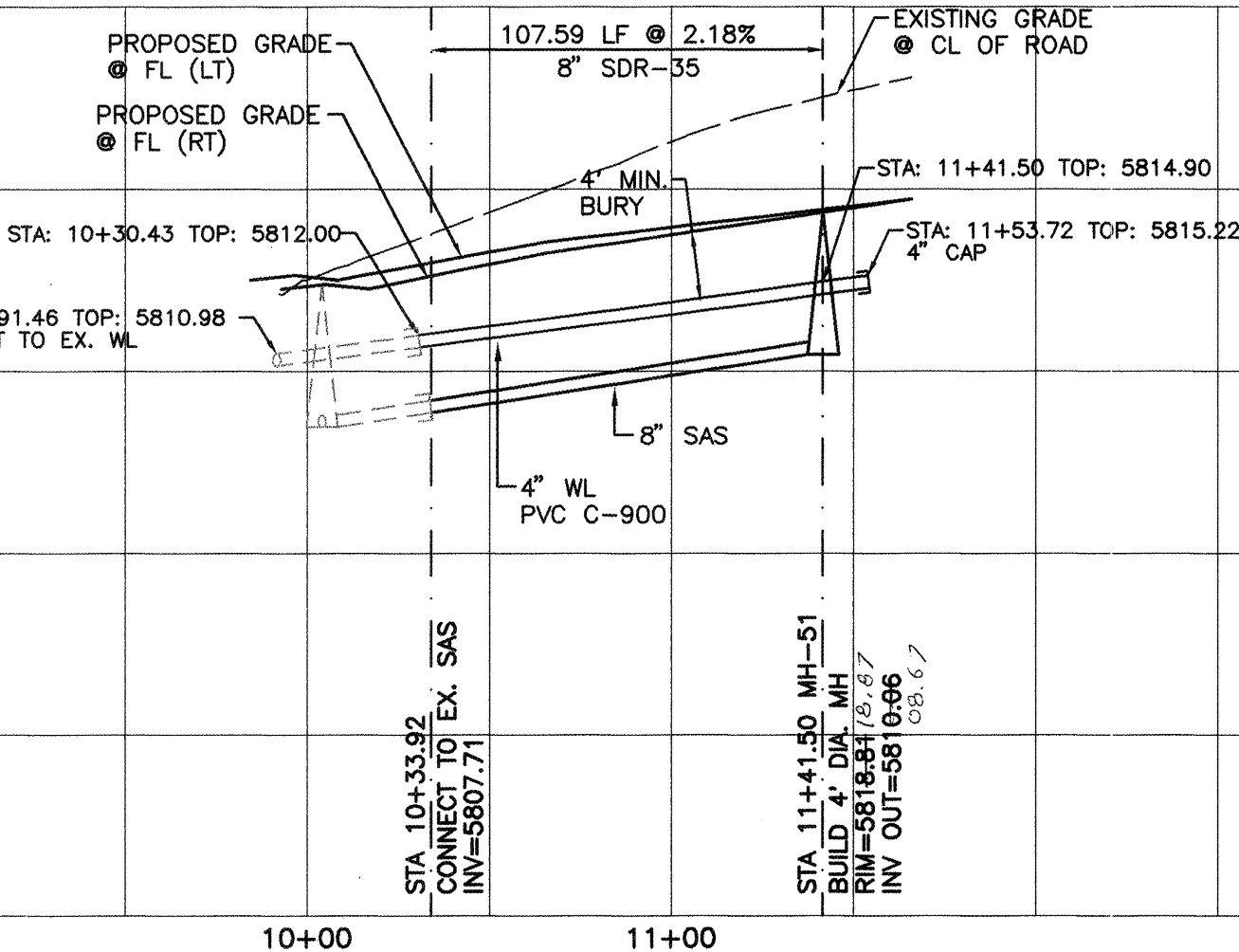
LOT #	STATION*	LF	INV.*	ELEV. @ PL
115	10+78.40	16	5811.18	5817.18
116	11+18.40	16	5812.38	5818.38
117	11+58.24	22	5813.58	5819.58
118	10+78.40	22	5811.81	5817.81
119	11+07.71	22	5812.43	5818.43
120	11+58.24	26	5813.63	5819.63

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY
SEWER SERVICE CONNECTION DETAILS.
2. ALL FIRE HYDRANTS ARE BUILD C.O.A.
STD DWG #2340 RESTRAINED JOINTS
FROM TEE TO F.H. TYP.

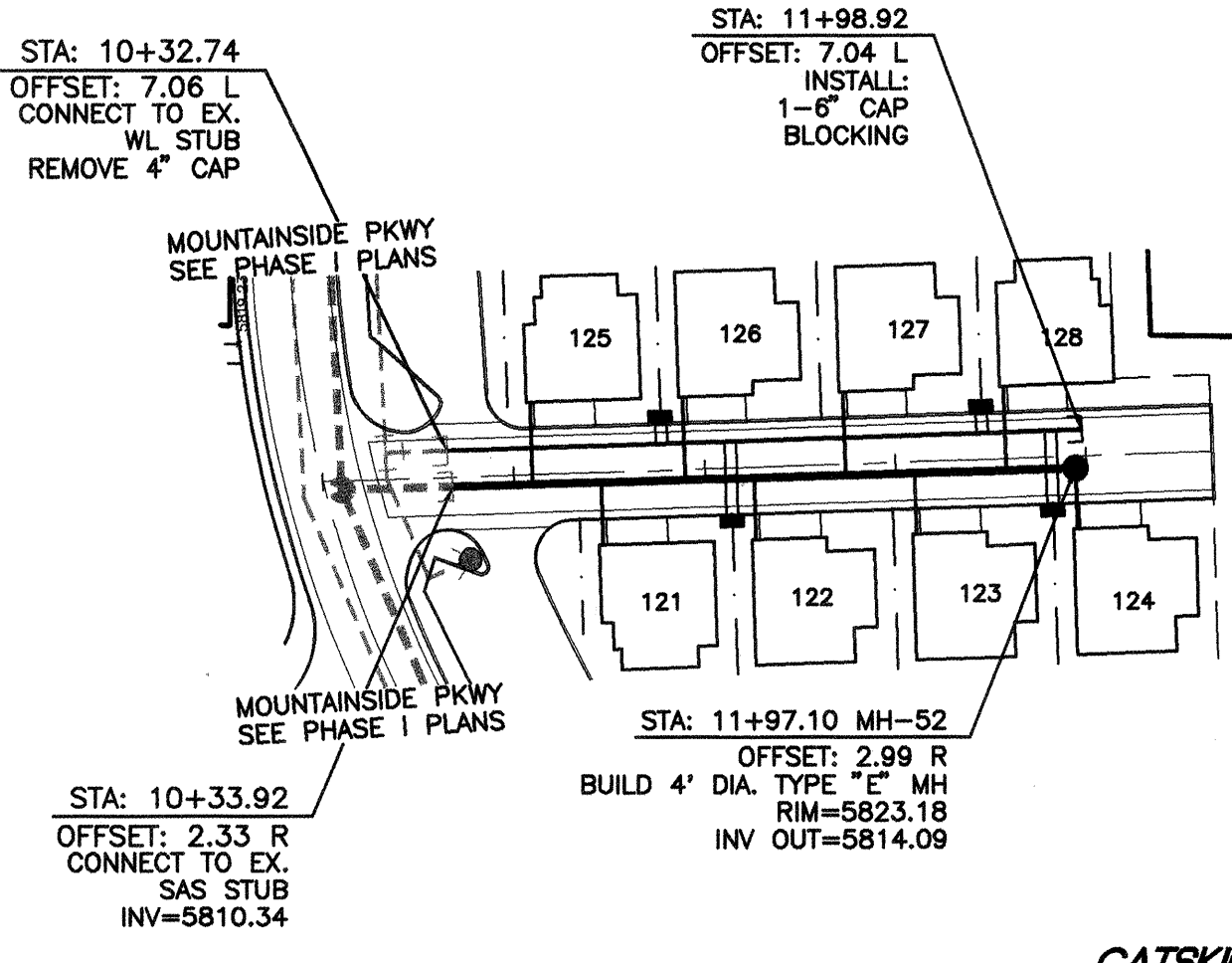
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LOTS 115-120
STA 10+00 TO STA 11+58.24



SCALE: HORIZ. 1"=50'
VERT. 1"=10'



WL TABLE

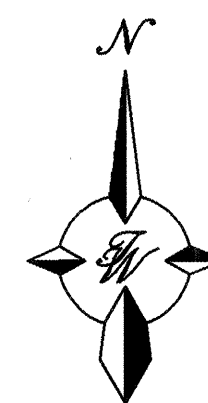
LOT #	STATION	SERVICE
121&122	11+06.85	DOUBLE
123&124	11+90.85	DOUBLE
125&126	10+88.85	DOUBLE
127&128	11+72.85	DOUBLE

SAS TABLE

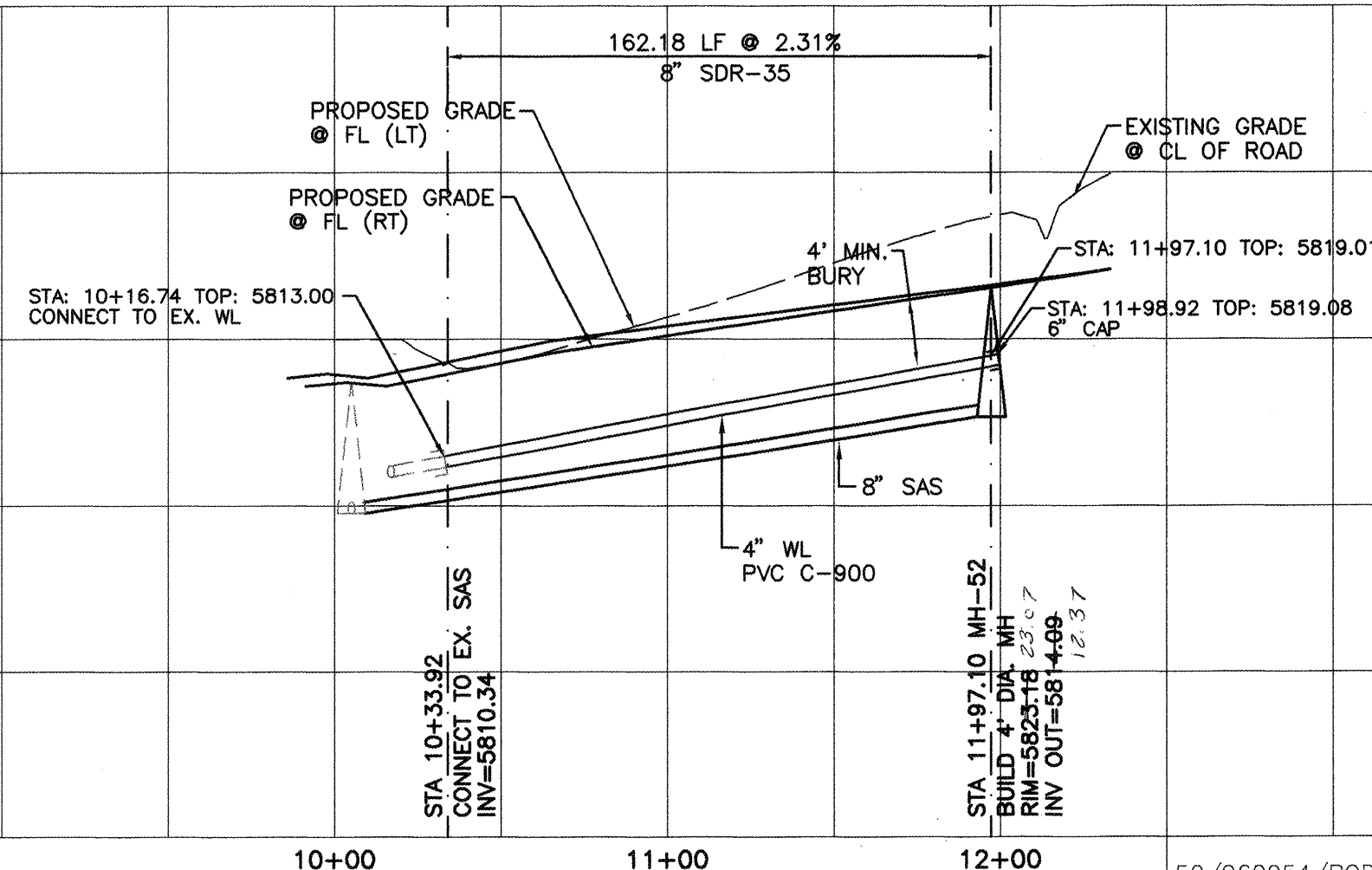
LOT #	STATION*	LF	INV.*	ELEV. @ PL
121	10+72.85	16	5813.72	5819.72
122	11+12.85	16	5814.92	5820.92
123	11+54.85	16	5816.18	5822.18
124	11+97.10	16	5817.45	5823.45
125	10+54.85	22	5813.81	5819.81
126	10+94.85	22	5814.98	5820.98
127	11+36.85	22	5816.06	5822.06
128	11+78.85	22	5817.14	5823.14

NOTE:
1. SEE MASTER UTILITY PLAN FOR SANITARY
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2. ALL FIRE HYDRANTS ARE BUILD C.O.A.
STD DWG #2340 RESTRAINED JOINTS
FROM TEE TO F.H. TYP.

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CATSKILL WAY
STA 10+00 TO STA 11+97.10



SCALE: HORIZ. 1"=50'
VERT. 1"=10'

TIERRA WEST, LLC
4421 MCLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **TRAMWAY HIGHLANDS SUBDIVISION PHASE II**
UTILITY IMPROVEMENTS
LOTS 103-108 / LOTS 109-114 / LOTS 115-120 / CATSKILL WAY

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE
JUN - 9 1998		
DESIGN REVIEW COMMITTEE		

CITY PROJECT NO. **578182** ZONE MAP NO. **G-22** SHEET **24** OF **25**

AS BUILT INFORMATION			
CONTRACTOR	Supra-Mex	DATE	1-29-99
STANDARD	BY TIM ARBACH	DATE	1-29-99
INSPECTOR'S	DATE	DATE	DATE
VERIFICATION	BY COA	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	DATE	DATE
BENCH MARKS			
ACS "2-G3"	CENTRAL STATION DATA	DATE	
NM STATE PLANE COORDINATES	Central Zone	DATE	
X=426140.55	Y=1497438.88	DATE	
G-G=0.996289	Da=-00708'31"	DATE	
ELEV=5799.00		DATE	

SURVEY INFORMATION			
FIELD NOTES	DATE	BY	
NO.			
ENGINEER'S SEAL			
DESIGNED BY RRB			
DRAWN BY BDG			
CHECKED BY RRB			
DATE 8/97			
DATE 8/97			
DATE 8/97			

