

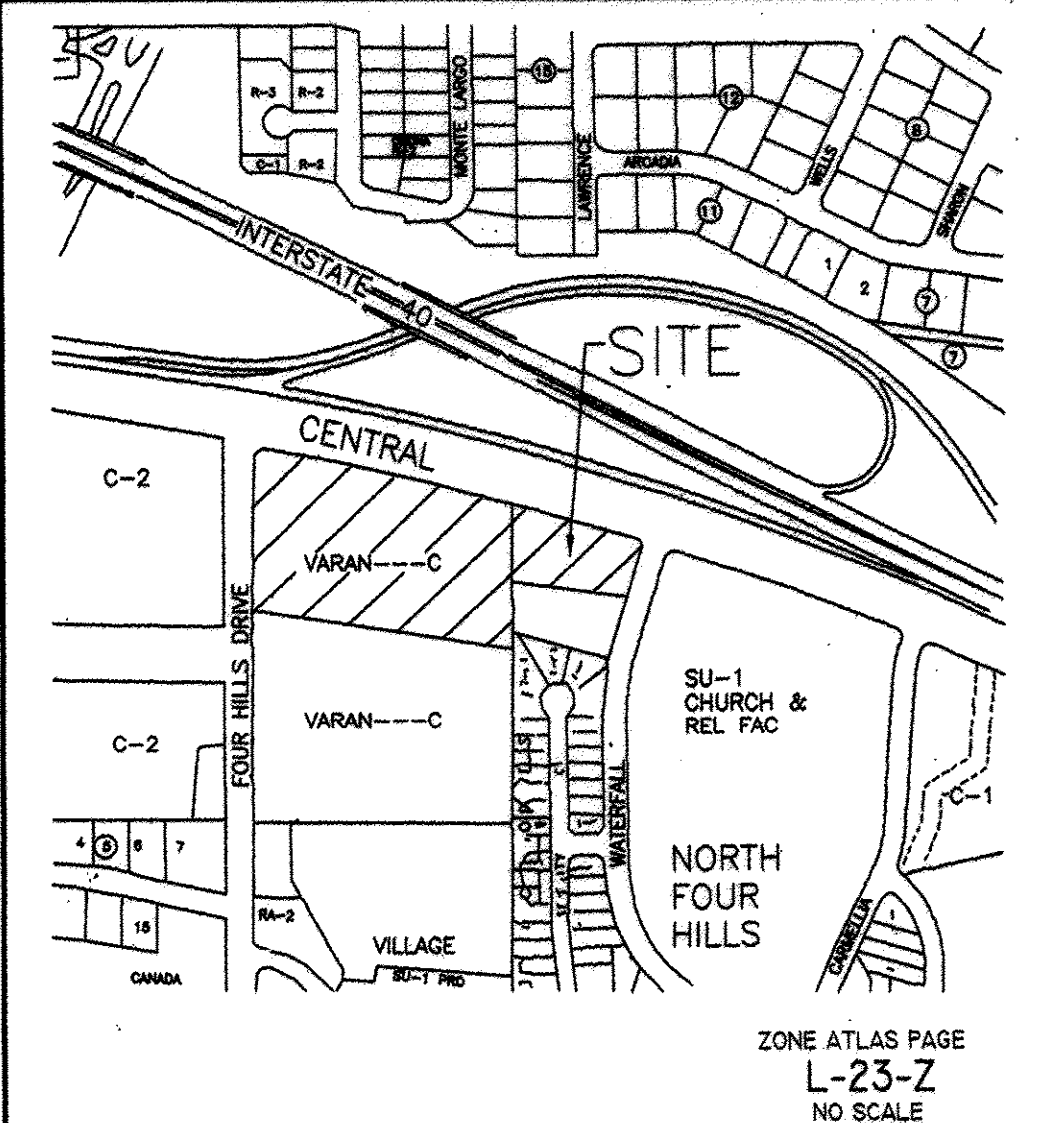
AT THE INTERSECTION OF CENTRAL
AVENUE WITH FOUR HILLS ROAD
STREET, SAS, STORM DRAIN,
AND WATER INFRASTRUCTURE

SHEET 1	TITLE SHEET
SHEET 2	PLAT
SHEET 3	DRAINAGE PLAN
SHEET 4	MASTER PAVING PLAN
SHEET 5	SITE AND UTILITIES LAYOUT
SHEET 6	STREET PLAN AND PROFILE, LANIER DRIVE STA 1+00 TO 2+50
SHEET 7	STREET PLAN AND PROFILE, LANIER DRIVE STA 2+50 TO 5+10
SHEET 8	STREET PLAN AND PROFILE, COVERED WAGON AVENUE STA 2+00 TO 5+50
SHEET 9	STREET PLAN AND PROFILE, COVERED WAGON AVENUE STA 5+50 TO 9+16
SHEET 10	STREET PLAN AND PROFILE, MOUNTAIN WEST COURT STA 1+00 TO 5+00
SHEET 11	UTILITIES PLAN AND PROFILE, LANIER DRIVE STA 1+00 TO 4+70
SHEET 12	UTILITIES PLAN AND PROFILE, COVERED WAGON AVENUE STA 2+00 TO 5+50
SHEET 13	UTILITES PLAN AND PROFILE, COVERED WAGON AVENUE STA 5+50 TO 9+16
SHEET 14	UTILITIES PLAN AND PROFILE, MOUNTAIN WEST COURT STA 1+00 TO 5+00
SHEET 15	UTILITIES AND STORM DRAIN DETAILS
SHEET 16	UTILITIES AND STORM DRAIN DETAILS
SHEET 17	STORM DRAIN CHANNEL DETAILS
SHEET 18	RAMP DETAILS ON CENTRAL AVENUE. PERIMETER WALL AND PERIMETER LANDSCAPING
SHEET 19	WHEELCHAIR RAMP DETAILS
SHEET 20	STREET AND SANITARY SEWER ELEVATIONS, LANIER DRIVE
SHEET 21	STREET AND SANITARY SEWER ELEVATIONS, LANIER DRIVE
SHEET 22	STREET AND SANITARY SEWER ELEVATIONS, COVERED WAGON AVENUE
SHEET 23	STREET AND SANITARY SEWER ELEVATIONS, MOUNTAIN WEST COURT, STREET PAVEMENT SECTIONS
SHEET 24	PRESSURE REDUCING STATION, WATER SHUT OFF PLAN, RESTRAINED JOINTS NOTES.

6/15/15

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 10/2/15

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774



1. 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, 1986 EDITION, AS AMENDED THROUGH UPDATE 7.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEMS, 280-1990, FOR LOCATION OF EXISTING UTILITIES.
3. 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. 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. CONTRACTOR 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 SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENTS 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 GENERAL CONDITIONS OF STANDARD SPECIFICATIONS.
5. FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATING DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATING DIVISION. CONTRACTOR SHALL NOTIFY THE BARRICADING ENGINEER (942-3400) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATION.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTED OR INDICATED BY THIS PLAN SET.

- ☐ 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
ENGINEER.
- ☐ SIDEWALKS AND WHEEL CHAIR RAMPS WITHIN THE CURB
RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB
RETURN IS CONSTRUCTED.
- ☐ IF CURE IS DEPRESSIONED FOR A DRIVEPAD OR A HANDICAP
RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED
PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED
PRIOR TO FINAL ACCEPTANCE.

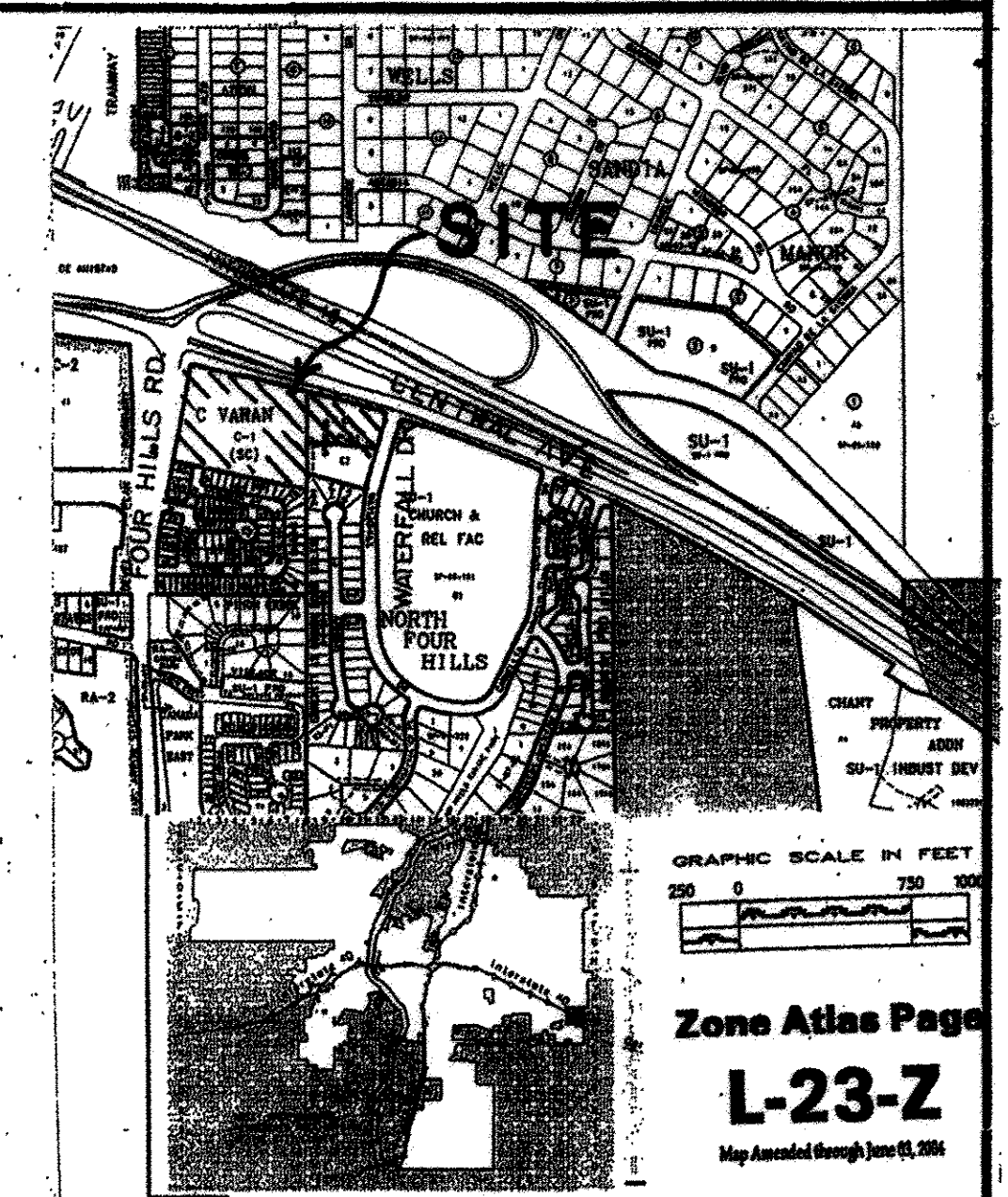
DRB 1002176

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
ENGINEERS STAMP, SIGNATURE			APPROVALS		ENGINEER		DATE		
			DRC Chairman		<i>[Signature]</i>		8-31-05		APPROVED FOR CONSTRUCTION  City Engineer Date
			Transportation		<i>[Signature]</i>		1/25/05		
			Water/Wastewater		<i>[Signature]</i>		1/25/05		
			Hydrology		<i>[Signature]</i>		1-25-05		
			Parks						
			Constr. Mngmnt.						
CONST. COORD.			<i>[Signature]</i>		8-31-05		Sheet		Of
City Project No.							750781		1 24

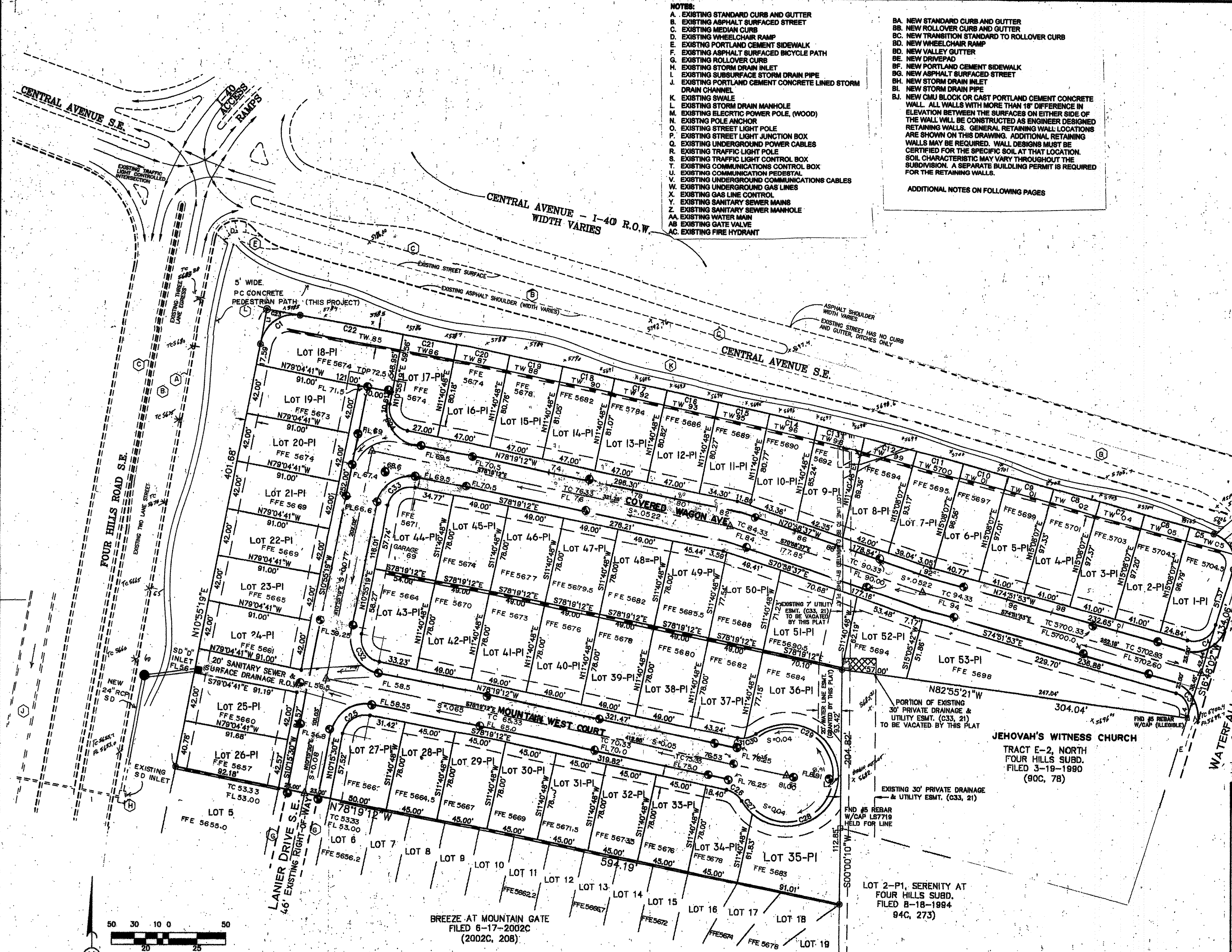
- NOTES:
- EXISTING STANDARD CURB AND GUTTER
 - EXISTING ASPHALT SURFACED STREET
 - EXISTING MEDIAN CURB
 - EXISTING WHEELCHAIR RAMP
 - EXISTING PORTLAND CEMENT SIDEWALK
 - EXISTING ASPHALT SURFACED BICYCLE PATH
 - EXISTING ROLLOVER CURB
 - EXISTING STORM DRAIN INLET
 - EXISTING SUBSURFACE STORM DRAIN PIPE
 - EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
 - EXISTING SWALE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING ELECTRIC POWER POLE, (WOOD)
 - EXISTING POLE ANCHOR
 - EXISTING STREET LIGHT POLE
 - EXISTING STREET LIGHT JUNCTION BOX
 - EXISTING UNDERGROUND POWER CABLES
 - EXISTING TRAFFIC LIGHT POLE
 - EXISTING TRAFFIC LIGHT CONTROL BOX
 - EXISTING COMMUNICATIONS CONTROL BOX
 - EXISTING COMMUNICATION PEDESTAL
 - EXISTING UNDERGROUND COMMUNICATION CABLES
 - EXISTING UNDERGROUND GAS LINES
 - EXISTING GAS LINE CONTROL
 - EXISTING SANITARY SEWER MAINS
 - EXISTING SANITARY SEWER MANHOLE
 - EXISTING WATER MAIN
 - EXISTING GATE VALVE
 - EXISTING FIRE HYDRANT

- NEW STANDARD CURB AND GUTTER
- NEW ROLLOVER CURB AND GUTTER
- NEW TRANSITION STANDARD TO ROLLOVER CURB
- NEW WHEELCHAIR RAMP
- NEW VALLEY GUTTER
- NEW DRIVEPAD
- NEW PORTLAND CEMENT SIDEWALK
- NEW ASPHALT SURFACED STREET
- NEW STORM DRAIN INLET
- NEW STORM DRAIN PIPE
- NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL. ALL WALLS WITH MORE THAN 18" DIFFERENCE IN ELEVATION BETWEEN THE SURFACES ON EITHER SIDE OF THE WALL WILL BE CONSTRUCTED AS ENGINEER DESIGNED RETAINING WALLS. GENERAL RETAINING WALL LOCATIONS ARE SHOWN ON THIS DRAWING. ADDITIONAL RETAINING WALLS MAY BE REQUIRED. WALL DESIGNS MUST BE CERTIFIED FOR THE SPECIFIC SOIL AT THAT LOCATION. SOIL CHARACTERISTIC MAY VARY THROUGHOUT THE SUBDIVISION. A SEPARATE BUILDING PERMIT IS REQUIRED FOR THE RETAINING WALLS.

ADDITIONAL NOTES ON FOLLOWING PAGES



BENCHMARK IS ACS MONUMENT 8-122, ELEVATION: 5095.44, (VERTICAL DATUM 1929). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRAMWAY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE. A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD ELEVATION: 5082.83



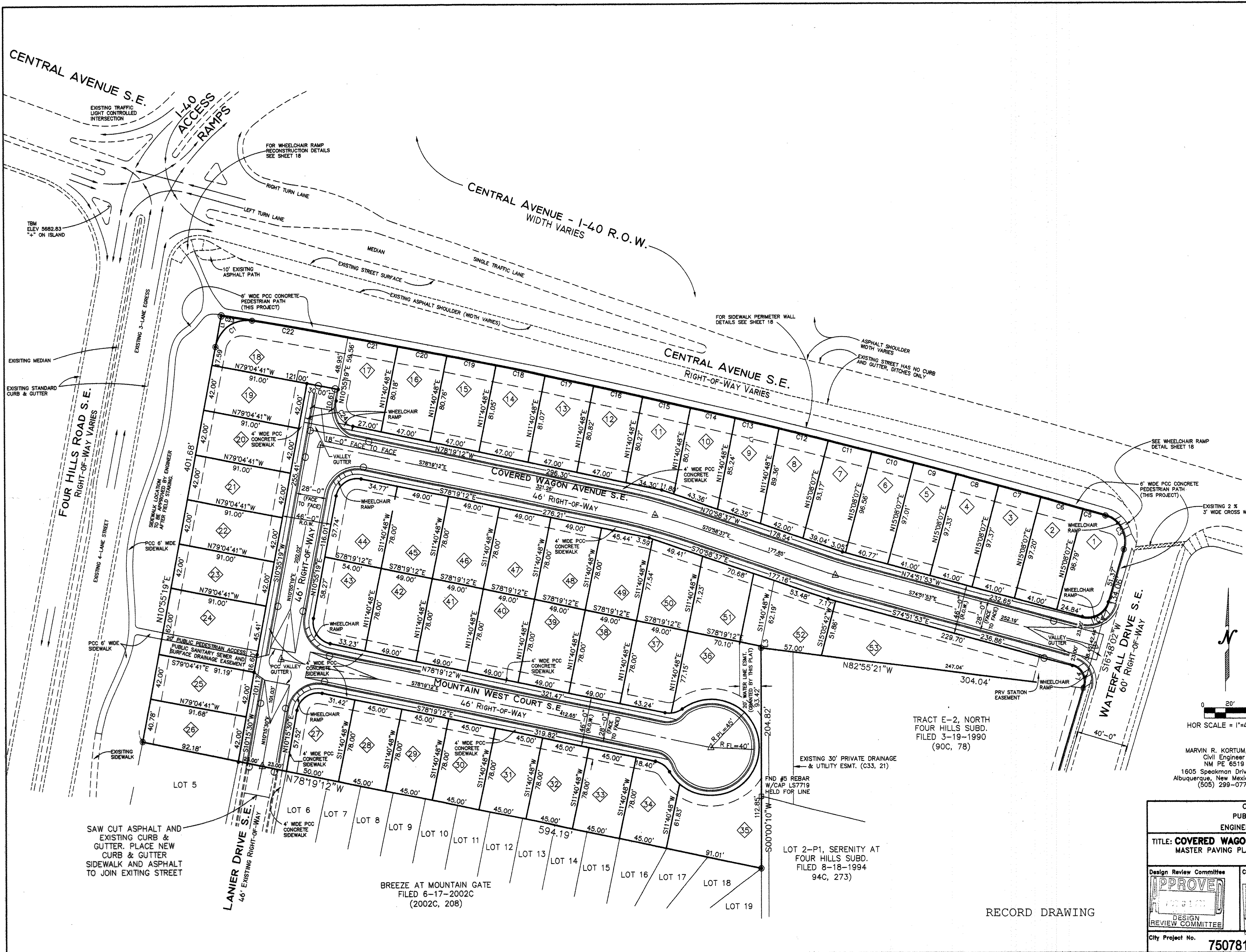
JEHOVAH'S WITNESS CHURCH
TRACT E-2, NORTH
FOUR HILLS SUBD.
FILED 3-19-1990
(80C, 78)

GRADING DETAILS ADDED MRK JUNE 30, 2004
PRELIMINARY MRK JUNE 17, 2004
APPROVALS REVISIONS BY DATE

MARVIN R. KORTUM, P.E.
Civil Engineering
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

COVERED WAGON SUBDIVISION
GRADING AND DRAINAGE PLAN
SITE LAYOUT

HYDROLOGY PROJECT NO. MAP NO. SHEET OF
L-23 1 6
WORK ORDER PROJECT NO. SHEET OF
750781 3 24



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE UNK	BENCHMARK IS ACS MONUMENT 8-L22, ELEVATION: 5665.44. (NAD83 DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRAMWAY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE. A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5662.85	NO.	DATE	REMARKS	BY	DATE
STANDARD BY UNK	DATE UNK						
INSPECTOR'S UNK	DATE UNK						
FIELD BY UNK	DATE UNK						
CONNECTION BY UNK	DATE UNK						
MICRO-FILM INFORMATION		REMARKS		NO.		DATE	
CONTRACTOR		DATE		NO.		DATE	
STANDARD BY UNK		DATE		NO.		DATE	
INSPECTOR'S UNK		DATE		NO.		DATE	
FIELD BY UNK		DATE		NO.		DATE	
CONNECTION BY UNK		DATE		NO.		DATE	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **COVERED WAGON SUBDIVISION**
MASTER PAVING PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED	APPROVED		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

City Project No. **750781** Zone Map No. **L-23** SHEET **4** OF **24**

RECORD DRAWING

AREA TABLE	
LOT	SQUARE FEET/ACRES
LOT 1	4,186.26 SQ.FT./0.0961 ACS
LOT 2	3,977.53 SQ.FT./0.0913 ACS
LOT 3	3,989.42 SQ.FT./0.0916 ACS
LOT 4	3,992.08 SQ.FT./0.0916 ACS
LOT 5	3,984.72 SQ.FT./0.0915 ACS
LOT 6	3,984.74 SQ.FT./0.0906 ACS
LOT 7	3,989.08 SQ.FT./0.0913 ACS
LOT 8	3,965.54 SQ.FT./0.0903 ACS
LOT 9	3,667.46 SQ.FT./0.0842 ACS
LOT 10	3,570.10 SQ.FT./0.0820 ACS
LOT 11	3,676.13 SQ.FT./0.0844 ACS
LOT 12	3,781.74 SQ.FT./0.0868 ACS
LOT 13	3,803.01 SQ.FT./0.0873 ACS
LOT 14	3,810.36 SQ.FT./0.0875 ACS
LOT 15	3,803.81 SQ.FT./0.0873 ACS
LOT 16	3,783.35 SQ.FT./0.0869 ACS
LOT 17	3,686.50 SQ.FT./0.0846 ACS
LOT 18	3,635.58 SQ.FT./0.0837 ACS
LOT 19	3,822.00 SQ.FT./0.0877 ACS
LOT 20	3,822.00 SQ.FT./0.0877 ACS
LOT 21	3,822.00 SQ.FT./0.0877 ACS
LOT 22	3,822.00 SQ.FT./0.0877 ACS
LOT 23	3,822.00 SQ.FT./0.0877 ACS
LOT 24	3,643.59 SQ.FT./0.1296 ACS
LOT 25	3,839.95 SQ.FT./0.0882 ACS
LOT 26	3,869.15 SQ.FT./0.0888 ACS
LOT 27	3,815.56 SQ.FT./0.0875 ACS
LOT 28	3,813.50 SQ.FT./0.0866 ACS
LOT 29	3,510.00 SQ.FT./0.0806 ACS
LOT 30	3,510.00 SQ.FT./0.0806 ACS
LOT 31	3,510.00 SQ.FT./0.0806 ACS
LOT 32	3,510.00 SQ.FT./0.0806 ACS
LOT 33	3,510.00 SQ.FT./0.0806 ACS
LOT 34	3,339.56 SQ.FT./0.0767 ACS
LOT 35	5,615.01 SQ.FT./0.1289 ACS
LOT 36	4,919.03 SQ.FT./0.1129 ACS
LOT 37	3,820.36 SQ.FT./0.0877 ACS
LOT 38	3,822.00 SQ.FT./0.0877 ACS
LOT 39	3,822.00 SQ.FT./0.0877 ACS
LOT 40	3,822.00 SQ.FT./0.0877 ACS
LOT 41	3,822.00 SQ.FT./0.0877 ACS
LOT 42	3,822.00 SQ.FT./0.0877 ACS
LOT 43	4,068.52 SQ.FT./0.0936 ACS
LOT 44	4,163.73 SQ.FT./0.0956 ACS
LOT 45	3,822.00 SQ.FT./0.0877 ACS
LOT 46	3,822.00 SQ.FT./0.0877 ACS
LOT 47	3,822.00 SQ.FT./0.0877 ACS
LOT 48	3,822.00 SQ.FT./0.0877 ACS
LOT 49	3,822.00 SQ.FT./0.0877 ACS
LOT 50	3,644.81 SQ.FT./0.0837 ACS
LOT 51	4,676.31 SQ.FT./0.1074 ACS
LOT 52	3,373.42 SQ.FT./0.0774 ACS
LOT 53	8,404.34 SQ.FT./0.1929 ACS

HOR SCALE = 1"=50'-0"

RECORD DRAWING

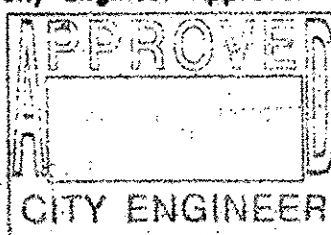
AFD Plans Checking Office
924-3611
HYDRANTS ONLY
Hydrants shall be installed
prior to construction

APPROVED/DISAPPROVED

[Signature] 7-6-01
Signature & Date

0

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP													
TITLE: COVERED WAGON SUBDIVISION SITE & UTILITIES LAYOUT													
Design Review Committee 	City Engineer Approval 	Last Design Update <table><tr><th>Mo./Day/Yr.</th><th>Mo./Day/Yr.</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Mo./Day/Yr.	Mo./Day/Yr.									
Mo./Day/Yr.	Mo./Day/Yr.												
City Project No. 750781	Zone Map No. L-23	SHEET 5 OF 24											

STATIONING ON COVERED WAGON AVENUE IS FROM WEST TO EAST, ALONG THE RIGHT-OF-WAY CENTER LINE, WITH STATION 155.41 BEING THE INTERSECTION OF THE COVERED WAGON AVENUE CENTER LINE WITH THE LANIER DRIVE CENTER LINE. (STATION 2+00 IS EVEN WITH THE CURB POINT OF TANGENCY FOR THE SOUTH CURB OF COVERED WAGON AVENUE).

PROPERTY LINE
DELTA - 89 14' 31"
RADIUS - 20.00 FEET
LENGTH - 31.15 FEET
TANGENT - 19.74 FEET

CURB FLOW LINE:
DELTA - 89 14' 31"
RADIUS - 30.00 FEET
LENGTH - 46.73 FEET
TANGENT - 29.61 FEET

STATIONING ON LANIER DRIVE IS FROM NORTH TO SOUTH ALONG THE CENTER LINE TO THE CENTER LINE INTERSECTION WITH MOUNTAIN WEST COURT. FROM MOUNTAIN WEST COURT TO THE END OF THE STATIONING LINE EXTENDS ON THE SAME BEARING (SOUTH 10 DEGREES 19 MINUTES, 55 SECONDS WEST), STATION 1+00 IS THE INTERSECTION OF THE LANIER DRIVE CENTER LINE WITH THE SOUTH PROPERTY LINE OF LOT 18 (THE NORTH RIGHT-OF-WAY LINE OF LANIER DRIVE).

CA DRIVEWAY LOCATIONS SHOWN ARE TYPICAL. ACTUAL LOCATIONS MAY VARY DEPENDING ON THE HOUSE LOCATION. CURB CUTS FOR STANDARD CURB AND GUTTER MAY BE CAST IN PLACE OR MAY BE OR MAY BE CUT AT THE TIME THE HOUSES ARE CONSTRUCTED. THE COMPLETE DRIVEPAD TO THE PROPERTY LINE MUST BE CONSTRUCTED PRIOR TO THE ACCEPTANCE OF THE STREET PAVEMENT BY THE CITY IF THE CURB CUT IS TO BE PLACED DURING CURB AND GUTTER PLACEMENT, OR ALTERNATIVELY A TEMPORARY ASPHALT CURB MAY BE PLACED IN THE CURB CUT UNTIL THE DRIVEPAD IS PLACED.

PROPERTY LINE
DELTA - 90° 45' 29"
RADIUS - 20.00 FEET
LENGTH - 31.68 FEET
TANGENT - 20.27 FEET

CURB FLOW LINE:
DELTA - 90° 45' 29"
RADIUS - 30.00 FEET
LENGTH - 47.52 FEET
TANGENT - 30.40 FEET

CURB FLOW LINE:
DELTA - 90° 45' 29"
RADIUS - 30.00 FEET
LENGTH - 47.52 FEET
TANGENT - 30.40 FEET

	EXISTING	(This Project)	FUTURE
SPOT ELEVATIONS	X ⊗	⊕	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FFE	FFE	
FINISHED FLOOR ELEV	---	---	
CONTOUR LINE	---5675--- ---5670---	---70---	
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	—X—X—○—	—X—X—○—	
BLOCK WALL	▬ ▬ ▬	▬ ▬ ▬ ▬ ▬ ▬	
RETAINING WALL	■ ■ ■	▬ ▬ ▬ ▬ ▬ ▬	
PROPERTY LINE		○ ——— ○	
LOT NUMBER		◊	
SAS MANHOLE	○	●	
STORMDRAIN MANHOLE	⊙	⊙	
WATERMETER BOX			
DOUBLE	-----□	▬ ▬ ▬ ▬	
SINGLE	-----□	▬ ▬ ▬	
SAS SERVICE STUB OUT	-----┐	▬ ▬ ▬ ▬ ┐	
NOTES		◻ SM	
GATE VALVE	⊗	⊗	
STREET LIGHT	⬤	⬤	
FIRE HYDRANT	⬤	⬤	
BOLLARD	⬤	⬤	

BENCH MARKS		AS BUILT INFORMATION			
BENCHMARK IS ACS MONUMENT 8-122, ELEVATION: 5685.44. NAVD 1983 VERTICAL DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRAMWAY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE.	CONTRACTOR	WORK	DATE	DATE	DATE
	STAKED BY	UNK	UNK	UNK	UNK
	INSPECTOR'S FIELD VERIFICATION BY	UNK	UNK	UNK	UNK
	CHECKED BY	UNK	UNK	UNK	UNK
	RECORDED BY	UNK	UNK	UNK	UNK
A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5682.83		MICRO-FILM INFORMATION			
NO.		NO.			

HOR SCALE = 1"=10'-0"
VERT SCALE = 1"=2'-0"

A. EXISTING STANDARD CURB AND GUTTER	BA. NEW STANDARD CURB
B. EXISTING ASPHALT SURFACED STREET	AND GUTTER--STD DWG 2415A
C. EXISTING MEDIAN CURB	B. NEW MOUNTABLE CURB,
D. EXISTING WHEELCHAIR RAMP	ROLL TYPE, AND
E. EXISTING PORTLAND CEMENT SIDEWALK	GUTTER--STD DWG 2415A
F. EXISTING ASPHALT SURFACED BICYCLE PATH	BC. NEW TRANSITION STANDARD
G. EXISTING MOUNTABLE CURB, ROLL TYPE	TO MOUNTABLE CURB--STD DWG 2418
H. EXISTING STORM DRAIN INLET	BD. NEW WHEELCHAIR RAMP
I. EXISTING SUBSURFACE STORM DRAIN PIPE	STD DWG 2441, CASE II
J. EXISTING PORTLAND CEMENT CONCRETE	BE. NEW WHEELCHAIR ACCESS
LINED STORM DRAIN CHANNEL	RAMP -- STD DWG 2440,
K. EXISTING SWALE	MID-CROSSBOW CROSSING
L. EXISTING STORM DRAIN MANHOLE	BF. CROSS WALK OR RAMP WITH
M. EXISTING ELECTRIC POWER POLE (WOOD)	2% CROSS SLOPE, 3' WIDE
N. EXISTING POLE ANCHOR	BG. RAMP WITH 8.3% SLOPE
O. EXISTING STREET LIGHT POLE	BH. SEE SHEET 19 FOR WHEEL
P. EXISTING STREET LIGHT FUNCTION BOX	CHAIR RAMP DETAILS
Q. EXISTING UNDERGROUND POWER CABLES	BI. NEW VALLEY GUTTER --
R. EXISTING TRAFFIC LIGHT POLE	STD DWG 2420
S. EXISTING TRAFFIC LIGHT CONTROL BOX	BJ. NEW VALLEY GUTTER --
T. EXISTING COMMUNICATIONS CONTROL BOX	STD DWG 2421
U. EXISTING COMMUNICATIONS PEDESTAL	BK. NEW SPECIAL VALLEY GUTTER
V. EXISTING UNDERGROUND COMMUNICATIONS	STD DWG 2422
CABLES	BL. NEW DRIVEPAD --
W. EXISTING UNDERGROUND GAS LINES	STD DWG 2425
X. EXISTING GAS LINE CONTROL	BM. NEW PORTLAND CEMENT
Y. EXISTING SANITARY SEWER MAINS	SIDEWALK -- STD DWG 2430
Z. EXISTING SANITARY SEWER MANHOLE	BN. NEW ASPHALT SURFACED STR
AA. EXISTING WATER MAIN	BO. NEW STORM DRAIN INLET
AB. EXISTING GATE VALVE	--STD DWG 2206
AC. EXISTING FIRE HYDRANT	BP. NEW STORM DRAIN PIPE
AD. EXISTING ELECTRIC POWER TRANSFORMER	BO. NEW STORM DRAIN MANHOLE
AE. EXISTING BLOCK WALL	

- BA. NEW STANDARD CURB
AND GUTTER—STD DWG 2415A
- BB. NEW MOUNTABLE CURB,
ROLL TYPE, AND
TRANSITION STD DWG 2415A
- BC. NEW TRANSITION STANDARD
TO MOUNTABLE CURB—2418
- BD. NEW WHEELCHAIR RAMP
STD DWG 2441, CASE II
- BE. NEW WHEELCHAIR ACCESS
RAMP —STD DWG 2440,
MID-BLOCK CROSSING
- BF. CROSS WALK OR RAMP WITH
ACCESS SURF. 3' WIDE
- BG. RAMP WITH 8.3% SLOPE
- BH. SEE SHEET 19 FOR WHEEL
CHAIR RAMP DETAILS
- BI. NEW VALLEY GUTTER —
STD DWG 2420
- BJ. NEW VALLEY GUTTER —
STD DWG 2421
- BK. NEW SPECIAL VALLEY GUTTER
STD DWG 2422
- BL. NEW DRIVEPAD —
STD DWG 2425
- BM. NEW PORTLAND CEMENT
SIDEWALK STD DWG 2430
- BN. NEW ASPHALT SURFACED STRIP
— STD DWG 2206
- BO. NEW STORM DRAIN INLET
— STD DWG 2206
- BP. NEW STORM DRAIN PIPE
- BQ. NEW STORM DRAIN MANHOLE
— STD DWG 2101
- BR. NEW SANITARY SEWER MANHOLE
— STD DWG 2101
- BS. NEW REMOVABLE POSTS
(BOLLARDS) — STD DWG 2250
- BT. NEW SIDEWALK CULVERTS
WITH STEEL PLATE TOP
— STD DWG 2236
- BU. NEW CMU CURB OR CAST
PORTLAND CEMENT CONCRETE
WALL — SEE DETAIL SHEETS

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87124
(505) 299-0774

[illegible]

Diagram illustrating a vertical curve (sag curve) with the following data points and labels:

- Vertical Curve Length:** 45' VC
- Grades:** $e = -0.67$ and $e = +0.09$
- Stationing:** 1+00, 1+25, 1+45, 1+70, 2+20, 2+50
- Elevations:** 5660, 5665, 5670
- Curve Data:**
 - STA 1+00 PVI 67.85
 - STA 1+25 PVI 67.0
 - STA 1+45 PVI 67.50
 - STA 1+70 PVI 67.25
 - STA 2+20 PVI 65.25
 - STA 2+50 PVI 63.51
- Center Line Elevation:** CL
- Other Labels:** CENTER LINE ELEV, CL, S=0.050, S=0.020, S=0.020, S=0.055, S=0.0737

RECORD DRAWING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION STREET PLAN AND PROFILE, LANIER DRIVE STA 1+00 TO 2+50			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
		Last Design Update	Last Design Update
City Project No.	Zone Map No.	SHEET	OF
750781	L-23	6	24

SPECIAL NOTE:

CA DRIVEWAY LOCATIONS SHOWN ARE TYPICAL. ACTUAL LOCATIONS MAY VARY DEPENDING ON THE HOUSE LOCATION. CURB CUTS FOR STANDARD CURB AND GUTTER MAY BE CAST IN PLACE OR MAY BE OR MAY BE CUT AT THE TIME THE HOUSES ARE CONSTRUCTED. THE COMPLETE DRIVEPAD TO THE PROPERTY LINE MUST BE CONSTRUCTED PRIOR TO THE ACCEPTANCE OF THE STREET PAVEMENT BY THE CITY IF THE CURB CUT IS CAST IN PLACE DURING CURB AND GUTTER PLACEMENT, OR ALTERNATIVELY, A TEMPORARY ASPHALT CURB MAY BE PLACED IN THE CURB CUT UNTIL THE DRIVEPAD IS PLACED.

NOTE:

STATIONING ON MOUNTAIN WEST COURT IS FROM WEST TO EAST ALONG THE CENTER LINE OF THE TURN-AROUND AT THE EAST END OF MOUNTAIN WEST COURT.

GENERAL NOTES:

- A. EXISTING STANDARD CURB AND GUTTER
B. EXISTING ASPHALT SURFACED STREET
C. EXISTING MEDIAN CURB
D. EXISTING WHEELCHAIR RAMP
E. EXISTING PORTLAND CEMENT SIDEWALK
F. EXISTING ASPHALT SURFACED BICYCLE PATH
G. EXISTING MOUNTABLE CURB, ROLL TYPE
H. EXISTING STORM DRAIN INLET
I. EXISTING SUBSURFACE STORM DRAIN PIPE
J. EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
K. EXISTING SWALE
L. EXISTING STORM DRAIN MANHOLE
M. EXISTING ELECTRIC POWER POLE (WOOD)
N. EXISTING POLE ANCHOR
O. EXISTING STREET LIGHT POLE
P. EXISTING STREET LIGHT JUNCTION BOX
Q. EXISTING UNDERGROUND POWER CABLES
R. EXISTING TRAFFIC LIGHT POLE
S. EXISTING TRAFFIC LIGHT CONTROL BOX
T. EXISTING COMMUNICATIONS CONTROL BOX
U. EXISTING COMMUNICATIONS PEDESTAL
V. EXISTING UNDERGROUND COMMUNICATIONS CABLES
W. EXISTING UNDERGROUND GAS LINES
X. EXISTING GAS LINE CONTROL
Y. EXISTING SANITARY SEWER MAINS
Z. EXISTING SANITARY SEWER MANHOLE
AA. EXISTING WATER MAIN
AB. EXISTING GATE VALVE
AC. EXISTING FIRE HYDRANT
AD. EXISTING ELECTRIC POWER TRANSFORMER
AE. EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- BA. NEW STANDARD CURB AND GUTTER-STD DWG 2415A
BB. NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER-STD DWG 2415A
BC. NEW TRANSITION STANDARD TO MOUNTABLE CURB-2418
BD. NEW WHEELCHAIR RAMP STD DWG 2441, CASE II
BE. NEW WHEELCHAIR ACCESS RAMP-STD DWG 2440, MID-BLOCK CROSSING
BF. CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
BG. RAMP WITH 8.3% SLOPE
BH. SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
BI. NEW VALLEY GUTTER - STD DWG 2420
BJ. NEW VALLEY GUTTER - STD DWG 2421
BK. NEW SPECIAL VALLEY GUTTER - STD DWG 2422
BL. NEW DRIVEPAD - STD DWG 2425
BM. NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
BN. NEW ASPHALT SURFACED STREET
BO. NEW STORM DRAIN INLET -STD DWG 2206
BP. NEW STORM DRAIN PIPE
BQ. NEW STORM DRAIN MANHOLE -STD DWG 2101
BR. NEW SANITARY SEWER MANHOLE -STD DWG 2101
BS. NEW REMOVABLE POSTS (BOLLARDS) - STD DWG 2250
BT. NEW SIDEWALK CULVERTS WITH STEEL PLATE TOP - STD DWG 2236
BU. NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL - SEE DETAIL SHEETS

CURVE C-25:

PROPERTY LINE
DELTA 90° 25' 18"
RADIUS - 20.00 FEET
LENGTH - 31.91 FEET
TANGENT - 20.50 FEET
CENTER:
STA 3+98.22
OFFSET 48.5 FEET LEFT

CURB FLOW LINE:
DELTA 90° 25' 18"
RADIUS - 30.00 FEET
LENGTH - 47.87 FEET
TANGENT - 30.75 FEET
CENTER:
STA 3+99.22
OFFSET 44.5 FEET LEFT

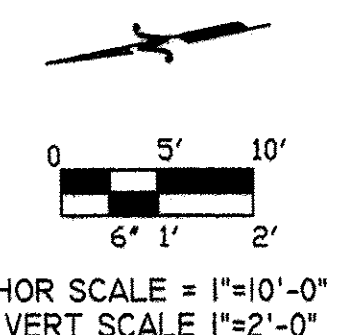
COVERED WAGON
SUBDIVISION

STA 4+78
END OF CURB & STREET
CONSTRUCTION. EAST SIDE
PLACE 4' SIDEWALK TO
EXISTING HC RAMP
STA 5+10

BREEZE AT
MOUNTAIN GATE
SUBDIVISION

NOTE:

STATIONING ON LANIER DRIVE IS FROM NORTH TO SOUTH ALONG THE CENTER LINE TO THE CENTER LINE INTERSECTION WITH MOUNTAIN WEST COURT. FROM MOUNTAIN WEST COURT TO THE END OF THE STATIONING LINE EXTENDS ON THE SAME BEARING (SOUTH 10 DEGREES 19 MINUTES, 55 SECONDS WEST). STATION 1+00 IS THE INTERSECTION OF THE LANIER DRIVE CENTER LINE WITH THE SOUTH PROPERTY LINE OF LOT 18 (THE NORTH RIGHT-OF-WAY LINE OF



LEGEND

	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X	S	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)			
STRUCTURE MINOR, (SIDEWALK, ETC)			
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER			
SAS MANHOLE	○	○	
STORMDRAIN MANHOLE	○	○	
WATERMETER BOX			
DOUBLE	---	---	
SINGLE	---	---	
SAS SERVICE STUB OUT	---	---	
NOTES			
GATE VALVE	---	---	
STREET LIGHT	---	---	
FIRE HYDRANT	---	---	
BOLLARD	---	---	

ALL SIDEWALKS AND DRIVEPADS SHOWN ON THIS SHEET ARE DEFERRED EXCEPT FOR SIDEWALK WITHIN PEDESTRIAN ACCESS EASEMENT, LOT 24.

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION STREET PLAN AND PROFILE, LANIER DRIVE STA 2+50 TO 5+10			
Design Review Committee APPROVED JUN 2 2005	City Engineer Approval APPROVED CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 750781	Zone Map No. L-23	SHEET 7	OF 24

RECORD DRAWING

SPECIAL NOTE:

CA DRIVEWAY LOCATIONS SHOWN ARE TYPICAL. ACTUAL LOCATIONS MAY VARY DEPENDING ON THE HOUSE LOCATION. CURB CUTS FOR STANDARD CURB AND GUTTER MAY BE CAST IN PLACE OR MAY BE OR MAY BE CUT AT THE TIME THE HOUSES ARE CONSTRUCTED. THE COMPLETE DRIVEPAD TO THE PROPERTY LINE MUST BE CONSTRUCTED PRIOR TO THE ACCEPTANCE OF THE STREET PAVEMENT BY THE CITY IF THE CURB CUT IS CAST IN PLACE DURING CURB AND GUTTER PLACEMENT, OR ALTERNATIVELY, A TEMPORARY ASPHALT CURB MAY BE PLACED IN THE CURB CUT UNTIL THE DRIVEPAD IS PLACED.

GENERAL NOTES:

- A. EXISTING STANDARD CURB AND GUTTER
B. EXISTING ASPHALT SURFACED STREET
C. EXISTING MEDIAN CURB
D. EXISTING WHEELCHAIR RAMP
E. EXISTING PORTLAND CEMENT SIDEWALK
F. EXISTING ASPHALT SURFACED BICYCLE PATH
G. EXISTING MOUNTABLE CURB, ROLL TYPE
H. EXISTING STORM DRAIN INLET
I. EXISTING SUBSURFACE STORM DRAIN PIPE
J. EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
K. EXISTING SWALE
L. EXISTING STORM DRAIN MANHOLE
M. EXISTING ELECTRIC POWER POLE (WOOD)
N. EXISTING POLE ANCHOR
O. EXISTING STREET LIGHT POLE
P. EXISTING STREET LIGHT JUNCTION BOX
Q. EXISTING UNDERGROUND POWER CABLES
R. EXISTING TRAFFIC LIGHT POLE
S. EXISTING TRAFFIC LIGHT CONTROL BOX
T. EXISTING COMMUNICATIONS CONTROL BOX
U. EXISTING COMMUNICATIONS PEDESTAL
V. EXISTING UNDERGROUND COMMUNICATIONS CABLES
W. EXISTING UNDERGROUND GAS LINES
X. EXISTING GAS LINE CONTROL
Y. EXISTING SANITARY SEWER MAINS
Z. EXISTING SANITARY SEWER MANHOLE
AA. EXISTING WATER MAIN
AB. EXISTING GATE VALVE
AC. EXISTING FIRE HYDRANT
AD. EXISTING ELECTRIC POWER TRANSFORMER
AE. EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- BA. NEW STANDARD CURB AND GUTTER-STD DWG 2415A
BB. NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER-STD DWG 2415A
BC. NEW TRANSITION STANDARD TO MOUNTABLE CURB-2418
BD. NEW WHEELCHAIR RAMP STD DWG 2441, CASE II
BE. NEW WHEELCHAIR ACCESS RAMP-STD DWG 2440, MID-BLOCK CROSSING
BF. CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
BG. RAMP WITH 8.3% SLOPE
BH. SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
BI. NEW VALLEY GUTTER - STD DWG 2420
BJ. NEW VALLEY GUTTER - STD DWG 2421
BK. NEW SPECIAL VALLEY GUTTER - STD DWG 2422
BL. NEW DRIVEPAD - STD DWG 2425
BM. NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
BN. NEW ASPHALT SURFACED STREET
BO. NEW STORM DRAIN INLET -STD DWG 2206
BP. NEW STORM DRAIN PIPE

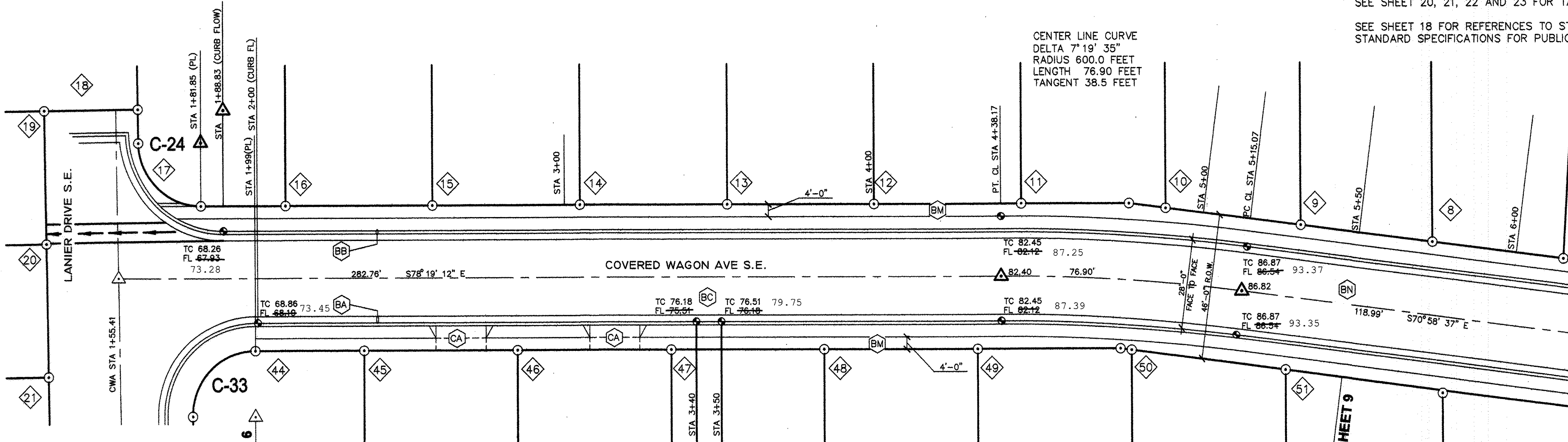
- BQ. NEW STORM DRAIN MANHOLE -STD DWG 2101
BR. NEW SANITARY SEWER MANHOLE -STD DWG 2101
BS. NEW REMOVABLE POSTS (BOLLARDS) - STD DWG 2250
BT. NEW SIDEWALK CULVERTS WITH STEEL PLATE TOP - STD DWG 2236
BU. NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL - SEE DETAIL SHEETS

LEGEND

	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X	⊗	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	---
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER	---	---	---
SAS MANHOLE	⊙	⊙	
STORMDRAIN MANHOLE	⊙	⊙	
WATERMETER BOX	---	---	---
DOUBLE	---	---	---
SINGLE	---	---	---
SAS SERVICE STUB OUT	---	---	---
NOTES			
GATE VALVE	---	---	---
STREET LIGHT	---	---	---
FIRE HYDRANT	---	---	---
BOLLARD	---	---	---

SEE SHEET 20, 21, 22 AND 23 FOR TABLES OF STREET AND SAS ELEVATIONS.

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS; CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.



NOTE:

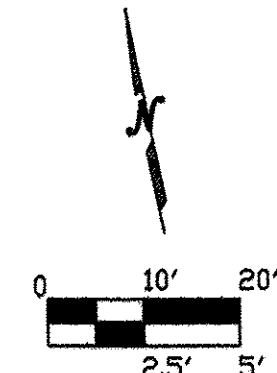
STATIONING ON COVERED WAGON AVENUE IS FROM WEST TO EAST, ALONG THE RIGHT-OF-WAY CENTER LINE, WITH STATION 155.41 BEING THE INTERSECTION OF THE COVERED WAGON AVENUE CENTER LINE WITH THE LANIER DRIVE CENTER LINE. (STATION 2+00 IS EVEN WITH THE CURB POINT OF TANGENCY FOR THE SOUTH CURB OF COVERED WAGON AVENUE).

NOTE:

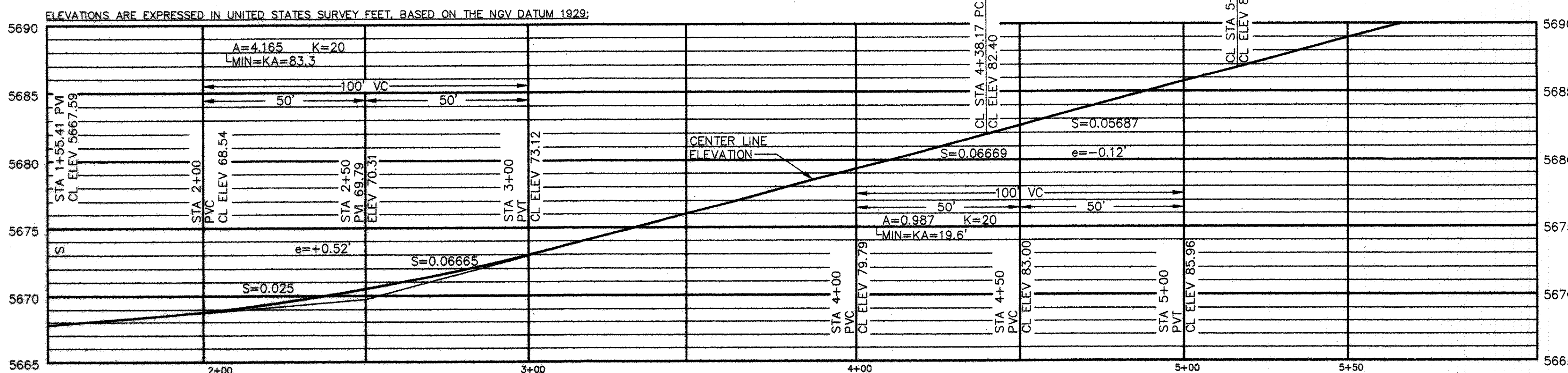
STATIONING ON LANIER DRIVE IS FROM NORTH TO SOUTH ALONG THE CENTER LINE TO THE CENTER LINE INTERSECTION WITH MOUNTAIN WEST COURT. FROM MOUNTAIN WEST COURT TO THE END OF THE STATIONING LINE EXTENDS ON THE SAME BEARING (SOUTH 10 DEGREES, 19 MINUTES, 55 SECONDS WEST). STATION 1+00 IS THE INTERSECTION OF THE LANIER DRIVE CENTER LINE WITH THE SOUTH PROPERTY LINE OF LOT 18 (THE NORTH RIGHT-OF-WAY LINE OF LANIER DRIVE).

ALL SIDEWALKS AND DRIVEPADS SHOWN ON THIS SHEET ARE DEFERRED.

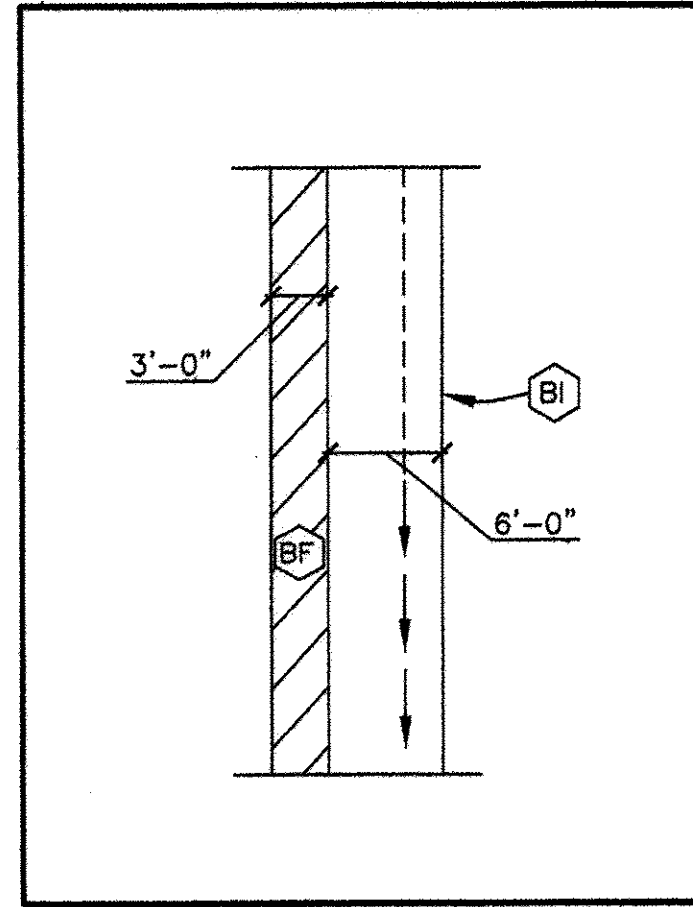
RECORD DRAWING



MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION STREET PLAN AND PROFILE, COVERED WAGON AVE. STA 2+00 TO 5+50			
Design Review Committee APPROVED ANG 3 1 2005	City Engineer Approval APPROVED CITY ENGINEER	Mo./Day/Yr. Last Design Update	Mo./Day/Yr.
City Project No. 750781	Zone Map No. L-23	SHEET 8	OF 24



VALLEY GUTTER - CROSSWALK DETAIL
1"=10'

GENERAL NOTES:

- A. EXISTING STANDARD CURB AND GUTTER
- B. EXISTING ASPHALT SURFACED STREET
- C. EXISTING MEDIAN CURB
- D. EXISTING WHEELCHAIR RAMP
- E. EXISTING PORTLAND CEMENT SIDEWALK
- F. EXISTING ASPHALT SURFACED BICYCLE PATH
- G. EXISTING MOUNTABLE CURB, ROLL TYPE
- H. EXISTING STORM DRAIN INLET
- I. EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
- J. EXISTING STORM DRAIN MANHOLE
- K. EXISTING SWALE
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- M. EXISTING POLE ANCHOR
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- Q. EXISTING TRAFFIC LIGHT POLE
- R. EXISTING TRAFFIC LIGHT CONTROL BOX
- S. EXISTING COMMUNICATIONS CONTROL BOX
- T. EXISTING COMMUNICATIONS PEDESTAL
- U. EXISTING UNDERGROUND COMMUNICATIONS CABLES
- V. EXISTING UNDERGROUND GAS LINES
- W. EXISTING GAS LINE CONTROL
- X. EXISTING SANITARY SEWER MAINS
- Y. EXISTING SANITARY SEWER MANHOLE
- Z. EXISTING WATER MAIN
- AA. EXISTING GATE VALVE
- AB. EXISTING FIRE HYDRANT
- AC. EXISTING ELECTRIC POWER TRANSFORMER
- AD. EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- BA. NEW STANDARD CURB AND GUTTER - STD DWG 2415A
- BB. NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER - STD DWG 2415A
- BC. NEW TRANSITION STANDARD TO MOUNTABLE CURB - 2418
- BD. NEW WHEELCHAIR RAMP - STD DWG 2441, CASE II
- BE. NEW WHEELCHAIR ACCESS RAMP - STD DWG 2440, MID-BLOCK CROSSING
- BF. CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
- BG. RAMP WITH 8.3% SLOPE
- BH. SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
- BI. NEW VALLEY GUTTER - STD DWG 2420
- BJ. NEW VALLEY GUTTER - STD DWG 2421
- BK. NEW SPECIAL VALLEY GUTTER - STD DWG 2422
- BL. NEW DRIVEPAD - STD DWG 2425
- BM. NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
- BN. NEW ASPHALT SURFACED STREET
- BO. NEW STORM DRAIN INLET - STD DWG 2206
- BP. NEW STORM DRAIN PIPE

- BQ. NEW STORM DRAIN MANHOLE - STD DWG 2101
- BR. NEW SANITARY SEWER MANHOLE - STD DWG 2101
- BS. NEW REMOVABLE POSTS (BOLLARDS) - STD DWG 2250
- BT. NEW SIDEWALK CULVERTS WITH STEEL PLATE TOP - STD DWG 2236
- BU. NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL - SEE DETAIL SHEETS

LEGEND

	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X	●	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	---
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER	---	---	---
SAS MANHOLE	○	●	
STORMDRAIN MANHOLE	○	●	
WATERMETER BOX	---	---	---
DOUBLE	---	---	---
SINGLE	---	---	---
SAS SERVICE STUB OUT	---	---	---
NOTES			
GATE VALVE	---	---	---
STREET LIGHT	---	---	---
FIRE HYDRANT	---	---	---
BOLLARD	---	---	---

AS BUILT INFORMATION	
CONTRACTOR	DATE UNK
INSPECTOR	DATE UNK
ACCEPTANCE BY	DATE UNK
VERIFICATION BY	DATE UNK
CORRECTION BY	DATE UNK
NO.	
BENCH MARKS	
BENCHMARK IS ACS MONUMENT 8-122, ELEVATION: 5685.44, (NGVD VERTICAL DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRINITY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE.	
A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5682.83	
AS BUILT SHOT USING NAVD1988 DATUM	

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	
NO.	

ENGINEER'S SEAL	
MARVIN R. KORTUM, P.E.	
CIVIL ENGINEER	
NM PE 6519	
1605 Speakman Drive, S.E.	
Albuquerque, New Mexico 87123	
(505) 299-0774	

REMARKS	
NO.	DATE
DESIGNED BY: MRK	DATE: JAN 10, 2005
DRAWN BY: MNG	DATE: JAN 10, 2005
CHECKED BY: MRK	DATE: JAN 10, 2005

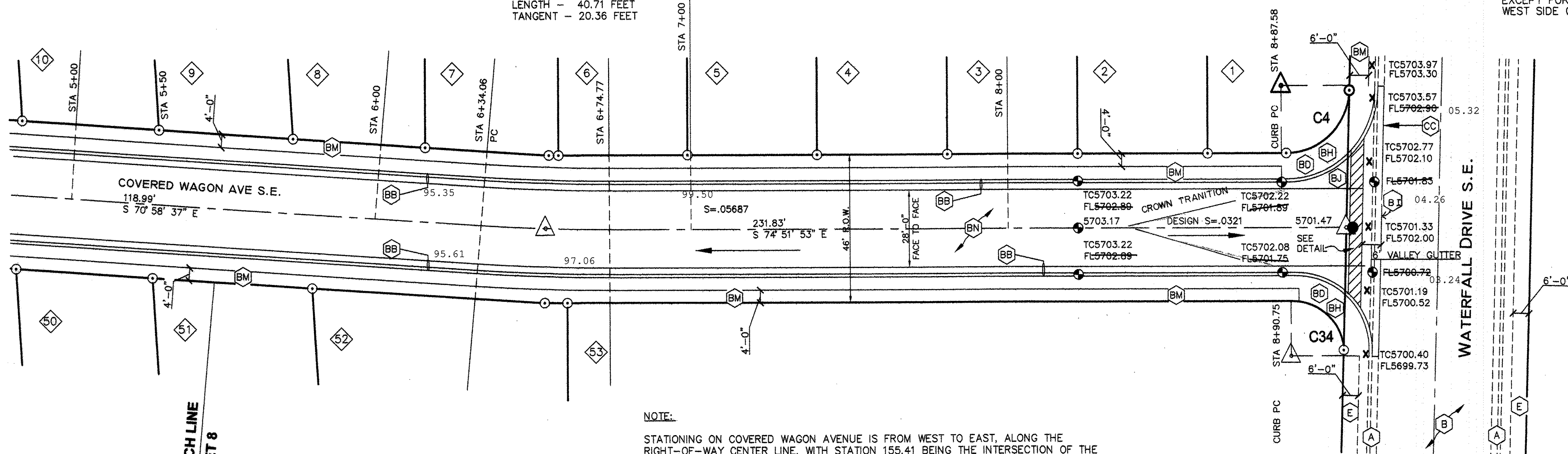
SPECIAL NOTE:

CC REMOVE & DISPOSE EXISTING CURB & GUTTER. SAW CUT ASPHALT STREET ONE FOOT OR MORE. REPLACE ASPHALT PER STD DWG 2465

CENTERLINE CURVE

DELTA - 3° 53' 16"
RADIUS - 600.00 FEET
LENGTH - 40.71 FEET
TANGENT - 20.36 FEET

ALL SIDEWALKS AND DRIVEPADS SHOWN ON THIS SHEET ARE DEFERRED EXCEPT FOR SIDEWALKS ALONG WEST SIDE OF WATERFALL DRIVE.

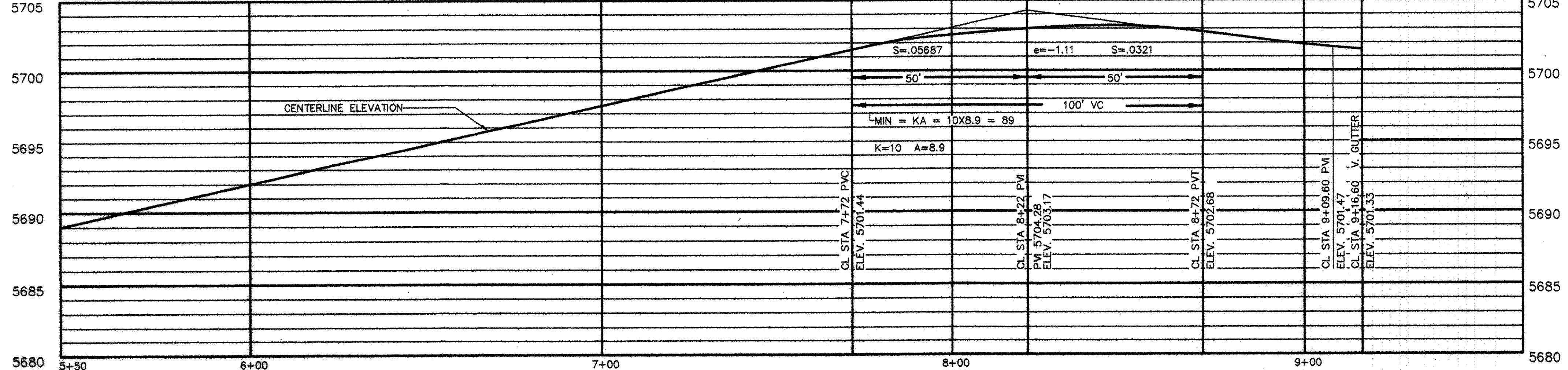


MATCH LINE
SHEET 8

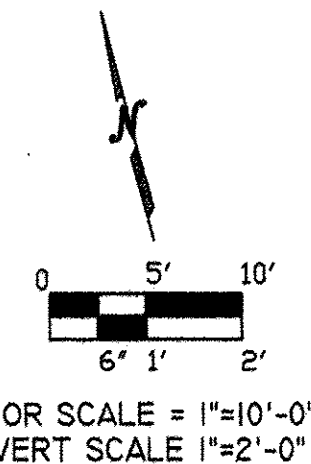
NOTE:

STATIONING ON COVERED WAGON AVENUE IS FROM WEST TO EAST, ALONG THE RIGHT-OF-WAY CENTER LINE, WITH STATION 155.41 BEING THE INTERSECTION OF THE COVERED WAGON AVENUE CENTER LINE WITH THE LANIER DRIVE CENTER LINE. (STATION 2+00 IS EVEN WITH THE CURB POINT OF TANGENCY FOR THE SOUTH CURB OF COVERED WAGON AVENUE).

ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM 1929:



RECORD DRAWING



MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: COVERED WAGON SUBDIVISION STREET PLAN AND PROFILE, COVERED WAGON AVE. STA 5+50 TO STA 9+16	
Design Review Committee APPROVED DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED CITY ENGINEER
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 750781	Zone Map No. L-23
SHEET 9	OF 24

ALL SIDEWALKS AND DRIVEPADS SHOWN ON THIS SHEET ARE DEFERRED.

NOTE:

STATIONING ON MOUNTAIN WEST COURT IS FROM WEST TO EAST ALONG THE CENTER LINE OF THE RIGHT-OF-WAY. STATION 5+00 IS THE CENTER OF THE TURN-AROUND AT THE EAST END OF MOUNTAIN WEST COURT.

GENERAL NOTES:

- A. EXISTING STANDARD CURB AND GUTTER
B. EXISTING ASPHALT SURFACED STREET
C. EXISTING MEDIAN CURB
D. EXISTING WHEELCHAIR RAMP
E. EXISTING PORTLAND CEMENT SIDEWALK
F. EXISTING ASPHALT SURFACED BICYCLE PATH
G. EXISTING MOUNTABLE CURB, ROLL TYPE
H. EXISTING STORM DRAIN INLET
I. EXISTING SUBSURFACE STORM DRAIN PIPE
J. EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
K. EXISTING SWALE
L. EXISTING STORM DRAIN MANHOLE
M. EXISTING ELECTRIC POWER POLE (WOOD)
N. EXISTING POLE ANCHOR
O. EXISTING STREET LIGHT POLE
P. EXISTING STREET LIGHT JUNCTION BOX
Q. EXISTING UNDERGROUND POWER CABLES
R. EXISTING TRAFFIC LIGHT POLE
S. EXISTING TRAFFIC LIGHT CONTROL BOX
T. EXISTING COMMUNICATIONS CONTROL BOX
U. EXISTING COMMUNICATIONS PEDESTAL
V. EXISTING UNDERGROUND COMMUNICATIONS CABLES
W. EXISTING UNDERGROUND GAS LINES
X. EXISTING GAS LINE CONTROL
Y. EXISTING SANITARY SEWER MAINS
Z. EXISTING SANITARY SEWER MANHOLE
AA. EXISTING WATER MAIN
AB. EXISTING GATE VALVE
AC. EXISTING FIRE HYDRANT
AD. EXISTING ELECTRIC POWER TRANSFORMER
AE. EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- BA. NEW STANDARD CURB AND GUTTER-STD DWG 2415A
BB. NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER-STD DWG 2415A
BC. NEW TRANSITION STANDARD TO MOUNTABLE CURB-2418
BD. NEW WHEELCHAIR RAMP STD DWG 2441, CASE II
BE. NEW WHEELCHAIR ACCESS RAMP-STD DWG 2440, MID-BLOCK CROSSING
BF. CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
BG. RAMP WITH 8.3% SLOPE
BH. SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
BI. NEW VALLEY GUTTER - STD DWG 2420
BJ. NEW VALLEY GUTTER - STD DWG 2421
BK. NEW SPECIAL VALLEY GUTTER - STD DWG 2422
BL. NEW DRIVEPAD - STD DWG 2423
BM. NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
BN. NEW ASPHALT SURFACED STREET
BO. NEW STORM DRAIN INLET -STD DWG 2206
BP. NEW STORM DRAIN PIPE

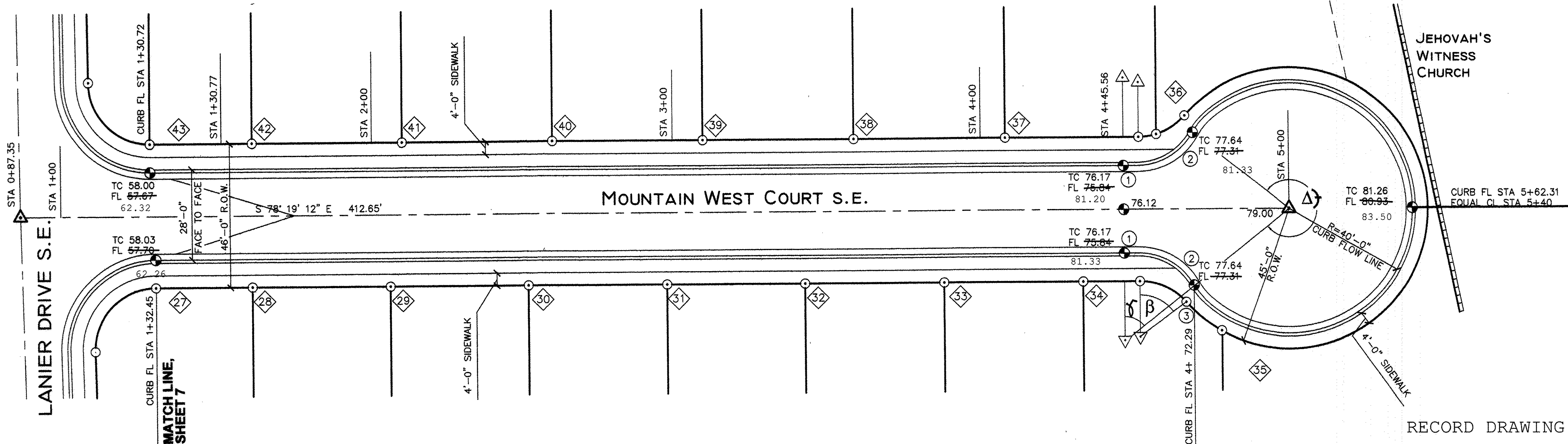
- BQ. NEW STORM DRAIN MANHOLE -STD DWG 2101
BR. NEW SANITARY SEWER MANHOLE -STD DWG 2101
BS. NEW REMOVABLE POSTS (BOLLARDS) - STD DWG 2250
BT. NEW SIDEWALK CULVERTS WITH STEEL PLATE TOP - STD DWG 2236
BU. NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL - SEE DETAIL SHEETS

LEGEND

	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X	●	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	---
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER	---	---	---
SAS MANHOLE	○	○	○
STORMDRAIN MANHOLE	⊙	⊙	⊙
WATERMETER BOX	---	---	---
DOUBLE	---	---	---
SINGLE	---	---	---
SAS SERVICE STUB OUT	---	---	---
NOTES			
GATE VALVE	---	---	---
STREET LIGHT	---	---	---
FIRE HYDRANT	---	---	---
BOLLARD	---	---	---

SEE SHEET 20, 21, 22 AND 23 FOR TABLES OF STREET AND SAS ELEVATIONS.

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.



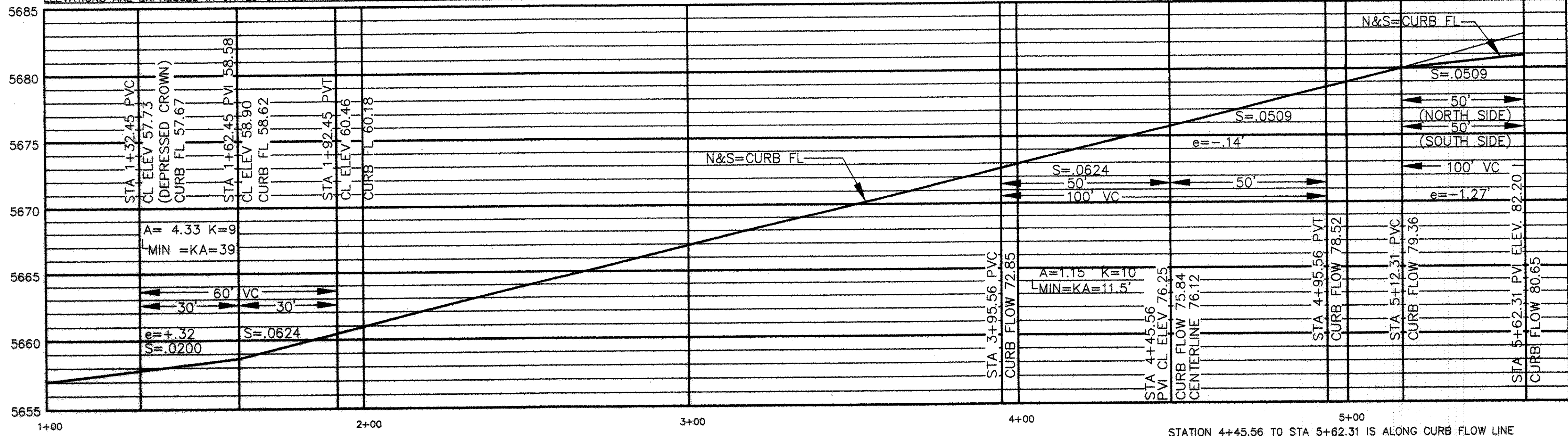
HOR SCALE = 1"=20'-0"
VERT SCALE 1"=5'-0"

1. CL STA 4+45.56
OFFSET 14' R&L
EQUAL FL STA 4+45.56
2. CL STA 4+68.59
OFFSET 24.14' R&L
EQUAL FL STA 4+72.29

- PL:
AB 48° 34' 53"
R=20'
L=16.96'
3. STA 4+51.26
OFFSET 29.77

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 298-0774

ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM 1929.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION STREET PLAN AND PROFILE, MOUNTAIN WEST COURT STA 1+00 TO STA 5+00			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED	APPROVED		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	SHEET	OF
750781	L-23	10	24

WATER MAIN CONSTRUCTION NOTES:

WA LANIER STA 4+70
OFFSET 5' RIGHT
REMOVE EXISTING CAP FROM
10" W MAIN
CONNECT NEW LINE

WB LANIER STA 3+52.8
OFFSET 5' RIGHT
10"x10"x8" TEE

WK LANIER STA 3+12
OFFSET 5' RIGHT
INSTALL 10" GATE VALVE
INSTALL VALVE BOX

WD LANIER STA 1+48.28
OFFSET 5' RIGHT
INSTALL 10"x4"x10" TEE
INSTALL 4" GATE VALVE
INSTALL VALVE BOX

WE LANIER STA 1+15
OFFSET 8' RIGHT
CAP END OF 4" W MAIN

SEE SHEET 20, 21, 22 AND 23 FOR TABLES OF STREET AND SAS ELEVATIONS.

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS, CITY OF ALBUQUERQUE
STANDARD SPECIFICATIONS FOR PUBLIC WORKS.

RESTRAINED JOINTS:

- ALL 10" MAINS SHALL BE RESTRAINED FOR A DISTANCE OF 90 FEET IN ALL DIRECTIONS FROM ANY BEND, VALVE OR TEE FITTING.
- ALL 8" MAINS SHALL BE RESTRAINED FOR A DISTANCE OF 70 FEET IN ALL DIRECTIONS FROM ANY BEND, VALVE OR TEE FITTING.
- ALL 6" FIRE HYDRANT LEGS SHALL BE RESTRAINED FOR THE FULL DISTANCE OF THE LEG.
- ALL 4" WATER MAINS SHALL BE RESTRAINED FOR THE FULL DISTANCE OF THE MAIN.

GENERAL NOTES:

- EXISTING STANDARD CURB AND GUTTER
- EXISTING ASPHALT SURFACED STREET
- EXISTING MOUNTABLE CURB
- EXISTING WHEELCHAIR RAMP
- EXISTING PORTLAND CEMENT SIDEWALK
- EXISTING ASPHALT SURFACED BICYCLE PATH
- EXISTING MOUNTABLE CURB, ROLL TYPE
- EXISTING STORM DRAIN INLET
- EXISTING SUBSURFACE STORM DRAIN PIPE
- EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
- EXISTING SWALE
- EXISTING STORM DRAIN MANHOLE
- EXISTING ELECTRIC POWER POLE (WOOD)
- EXISTING POLE ANCHOR
- EXISTING STREET LIGHT POLE
- EXISTING STREET LIGHT JUNCTION BOX
- EXISTING UNDERGROUND POWER CABLES
- EXISTING TRAFFIC LIGHT POLE
- EXISTING TRAFFIC LIGHT CONTROL BOX
- EXISTING COMMUNICATIONS CONTROL BOX
- EXISTING COMMUNICATIONS PEDESTAL
- EXISTING UNDERGROUND COMMUNICATIONS CABLES
- EXISTING UNDERGROUND GAS LINES
- EXISTING GAS LINE CONTROL
- EXISTING SANITARY SEWER MAINS
- EXISTING SANITARY SEWER MANHOLE
- EXISTING WATER MAIN
- EXISTING GATE VALVE
- EXISTING FIRE HYDRANT
- EXISTING ELECTRIC POWER TRANSFORMER
- EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- NEW STANDARD CURB AND GUTTER-STD DWG 2415A
- NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER-STD DWG 2415A
- NEW TRANSITION STANDARD TO MOUNTABLE CURB-2418
- NEW WHEELCHAIR RAMP STD DWG 2441, CASE II
- NEW WHEELCHAIR ACCESS RAMP-STD DWG 2440, MID-BLOCK CROSSING
- CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
- RAMP WITH 8.3% SLOPE
- SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
- NEW VALLEY GUTTER - STD DWG 2420
- NEW VALLEY GUTTER - STD DWG 2421
- NEW SPECIAL VALLEY GUTTER - STD DWG 2422
- NEW DRIVEPAD - STD DWG 2425
- NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
- NEW ASPHALT SURFACED STREET
- NEW STORM DRAIN INLET -STD DWG 2206
- NEW STORM DRAIN PIPE

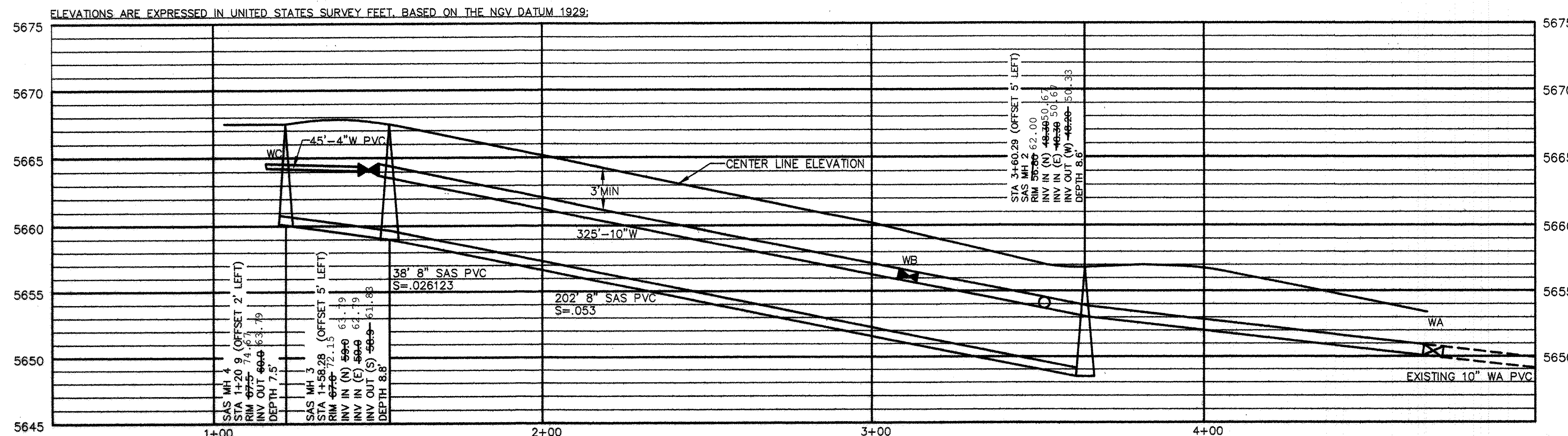
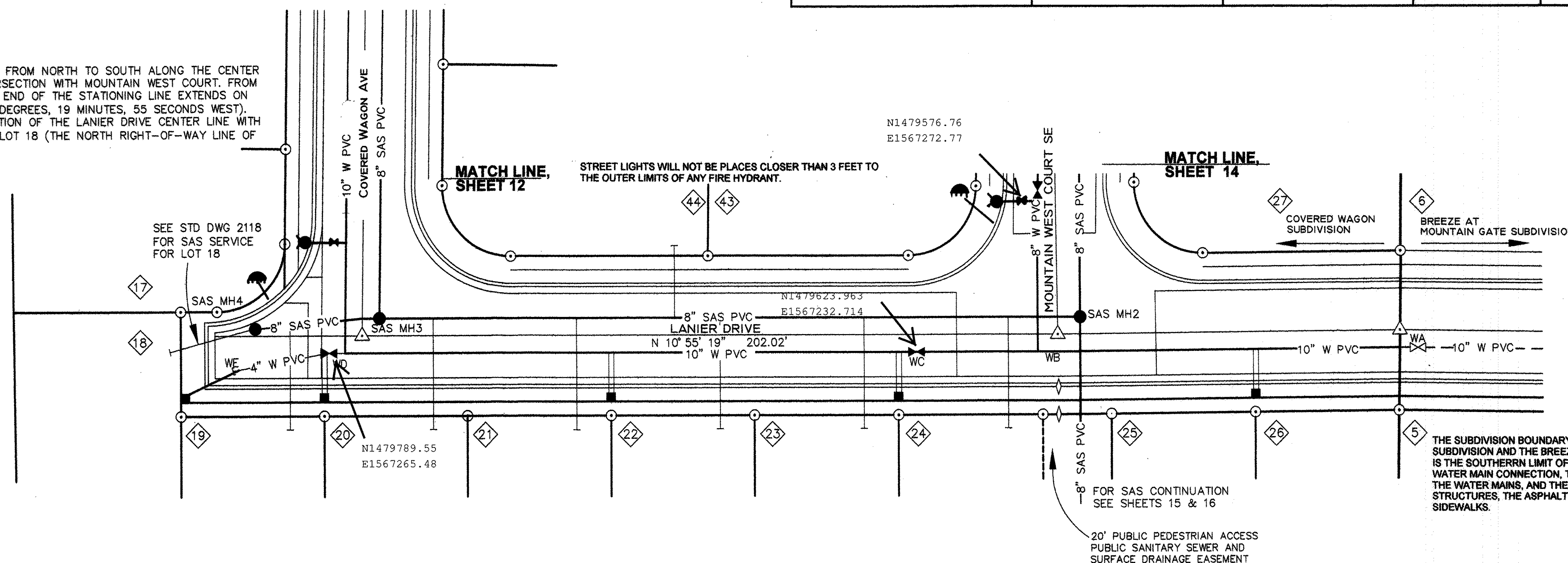
- NEW STORM DRAIN MANHOLE -STD DWG 2101
- NEW SANITARY SEWER MANHOLE -STD DWG 2101
- NEW REMOVABLE POSTS (BOLLARDS) - STD DWG 2250
- NEW SIDEWALK CULVERTS WITH STEEL PLATE TOP - STD DWG 2236
- NEW CMU BLOCK OR CAST PORTLAND CEMENT CONCRETE WALL - SEE DETAIL SHEETS

LEGEND

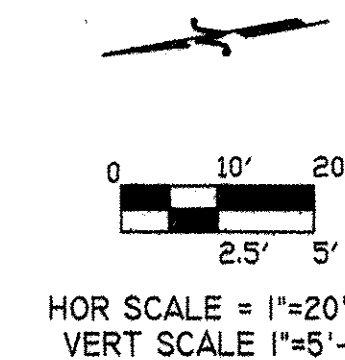
	EXISTING	PROPOSED (THIS PROJECT)	FUTURE
SPOT ELEVATIONS	X	○	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	---
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER	---	---	---
SAS MANHOLE	○	○	○
STORMDRAIN MANHOLE	○	○	○
WATERMETER BOX	---	---	---
DOUBLE	---	---	---
SINGLE	---	---	---
SAS SERVICE STUB OUT	---	---	---
NOTES			
GATE VALVE	---	---	---
STREET LIGHT	---	---	---
FIRE HYDRANT	---	---	---
BOLLARD	---	---	---

NOTE:

STATIONING ON LANIER DRIVE IS FROM NORTH TO SOUTH ALONG THE CENTER LINE TO THE CENTER LINE INTERSECTION WITH MOUNTAIN WEST COURT. FROM MOUNTAIN WEST COURT TO THE END OF THE STATIONING LINE EXTENDS ON THE SAME BEARING (SOUTH 10 DEGREES, 19 MINUTES, 55 SECONDS WEST). STATION 1+00 IS THE INTERSECTION OF THE LANIER DRIVE CENTER LINE WITH THE SOUTH PROPERTY LINE OF LOT 18 (THE NORTH RIGHT-OF-WAY LINE OF LANIER DRIVE).

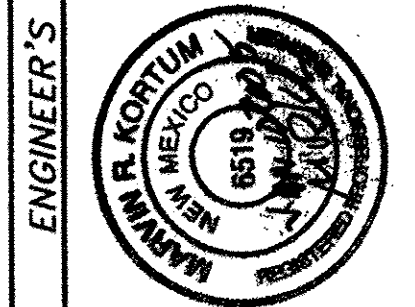


RECORD DRAWING



MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speckman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION UTILITIES PLAN AND PROFILE, LANIER DRIVE STA 1+00 TO 4+70			
Design Review Committee APPROVED DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 750781	Zone Map No. L-23	SHEET 11	OF 24



NO.	DATE	BY

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	NO.

BENCHMARK IS ACS MONUMENT 8-L22 ELEVATION: 5665.44 (NGVD VERTICAL DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND MOUNTAIN WEST COURT. THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE.

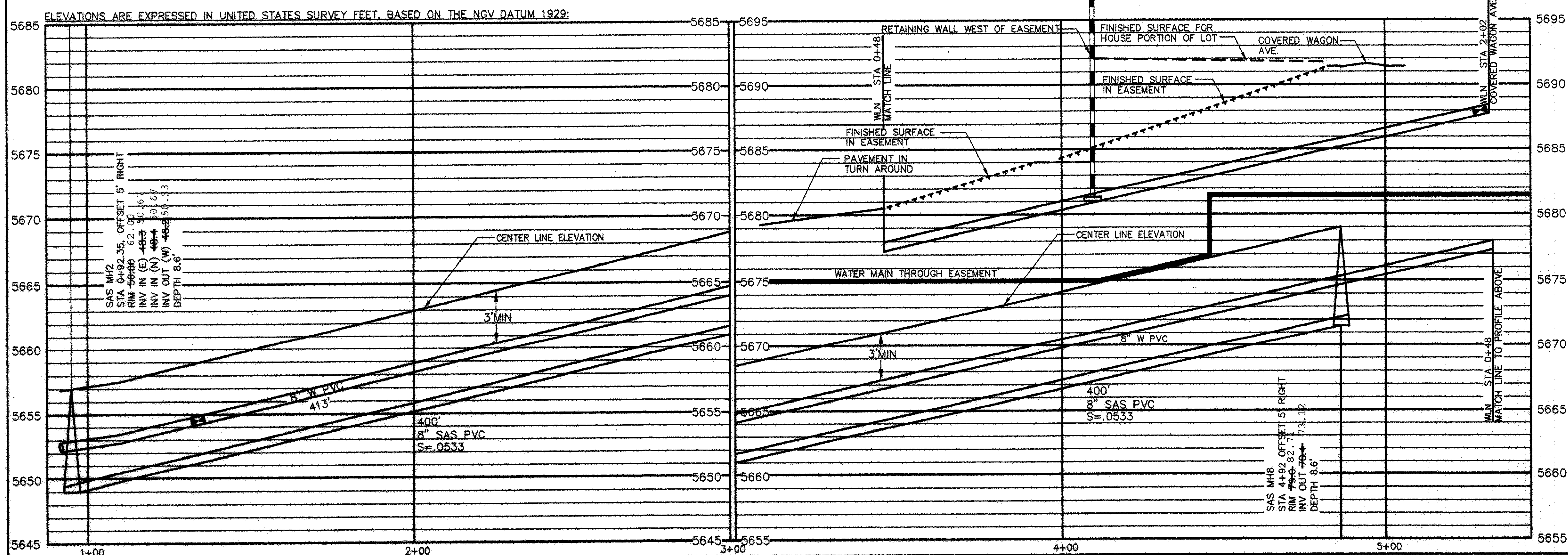
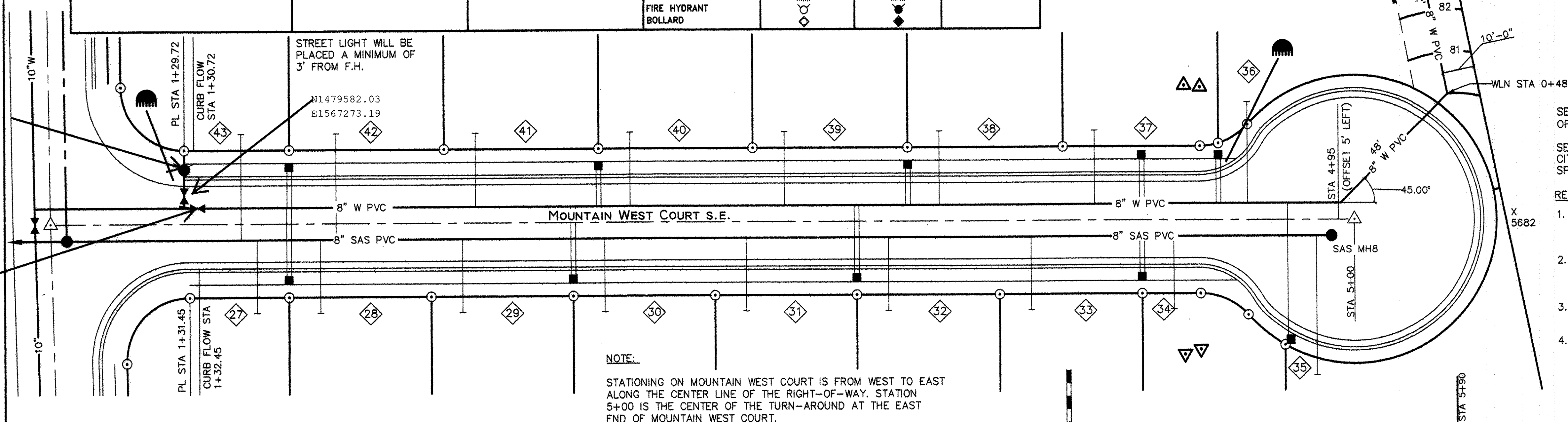
A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5662.83

AS-BUILTS SHOT USING NAD 1983 HORIZONTAL NAVD1988 VERTICAL

ENGINEER'S SEAL			

NO.	DATE	BY	REMARKS

DESIGNED BY: MRK	DATE: JAN 10, 2005	DRAWN BY: MMG	DATE: JAN 10, 2005
CHECKED BY: MRK	DATE: JAN 10, 2005		

[illegible]

WATER MAIN CONSTRUCTION NOTES:

MWC STA 1+29.72
OFFSET 5' LEFT
INSTALL 8"X8"X6"TEE
INSTALL 8" GATE VALVE

MWC STA 1+29.72
OFFSET 16" LEFT
INSTALL FIRE HYDRANT, 4' BURY
FLANG ELEVATION 59.0

MWC STA 1+32
OFFSET 5' LEFT
INSTALL 8" GATE VALVE

MWC STA 4+95
OFFSET 5' LEFT
EQUAL STATION 0+00 WL (NORTH)
INSTALL 8"X8"-45' BEND

WLN STA 0+48
INSTALL 8"X8"-45' BEND
INSTALL 8"X8"-11.25' BEND

WLN STA 1+10
INSTALL 8"X8"-11.25' BEND
PLACE MAGNETIC MARKER ABOVE
PIPE AT BEND

WLN STA 1+70 TO 1+190
CURVE 8" PIPE TO ALIGNMENT
AS SHOWN ON PLAN

WLN STA 2+02 EQUAL CWA STA 5+90
OFFSET 5' LEFT

SEE SHEET 20, 21, 22 AND 23 FOR TABLES
OF STREET AND SAS ELEVATIONS.

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS,
CITY OF ALBUQUERQUE STANDARD
SPECIFICATIONS FOR PUBLIC WORKS.

RESTRAINED JOINTS:

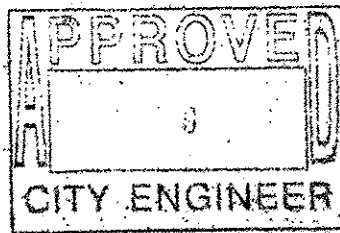
1. ALL 10" MAINS SHALL BE RESTRAINED FOR A DISTANCE OF 90 FEET IN ALL DIRECTIONS FROM ANY BEND, VALVE OR TEE FITTING.
2. ALL 8" MAINS SHALL BE RESTRAINED FOR A DISTANCE OF 70 FEET IN ALL DIRECTIONS FROM ANY BEND, VALVE OR TEE FITTING.
3. ALL 6" FIRE HYDRANT LEGS SHALL BE RESTRAINED FOR THE FULL DISTANCE OF THE LEG.
4. ALL 4" WATER MAINS SHALL BE RESTRAINED FOR THE FULL DISTANCE OF THE MAIN.

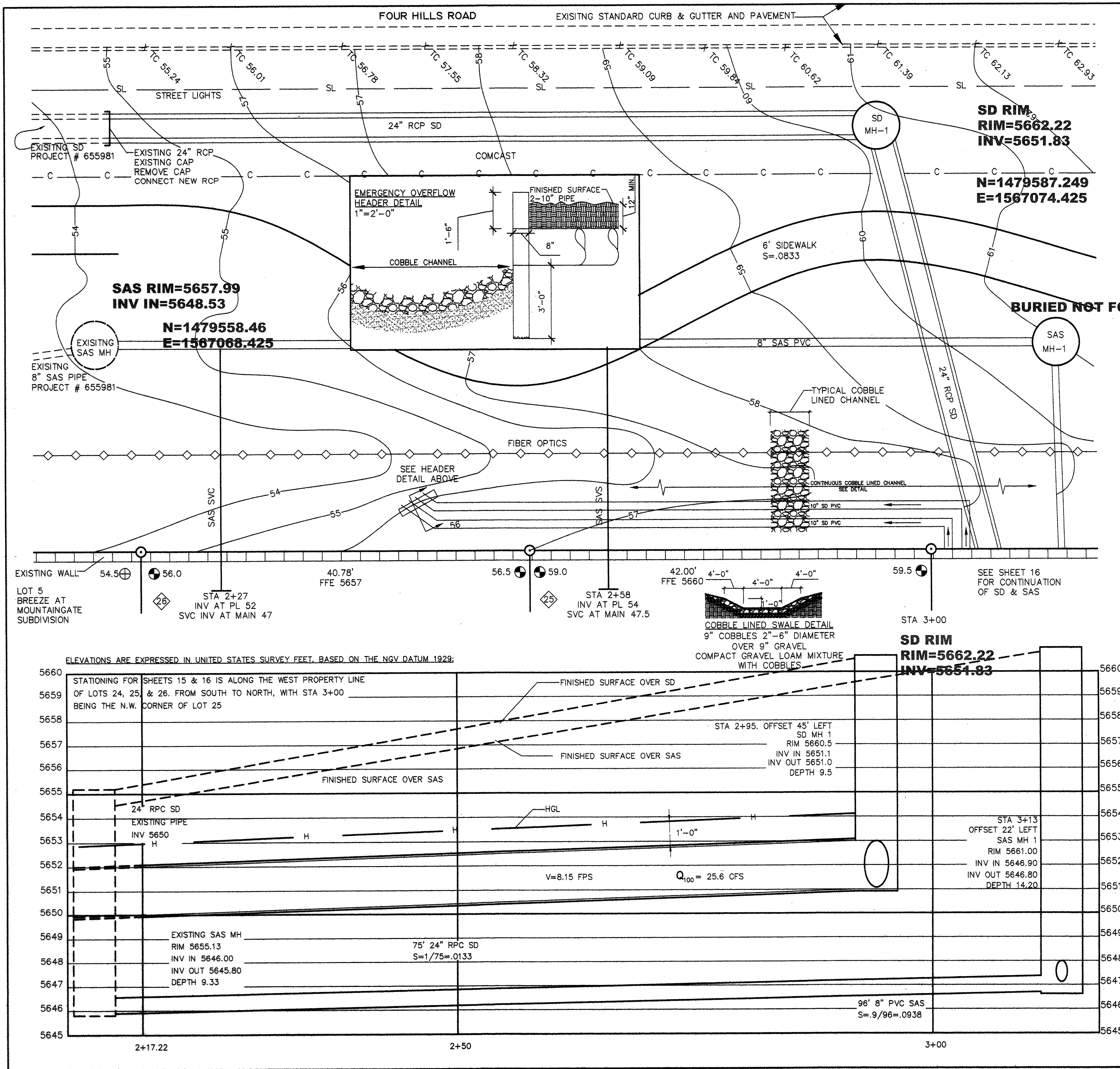


HOR SCALE = 1"=20'-0"
VERT SCALE 1"=5'-0"

RECORD DRAWING

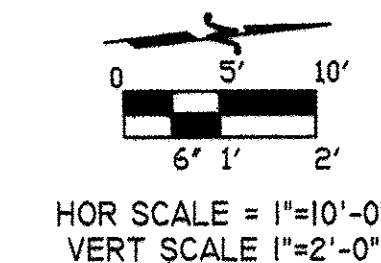
MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION UTILITIES PLAN AND PROFILE, MOUNTAIN WEST COURT STA 1+00 TO 5+00			
Design Review Committee 	City Engineer Approval 	Last Design Update	Mo./Day/Yr.
Mo./Day/Yr. 	Mo./Day/Yr. 		
City Project No. 750781	Zone Map No. L-23	SHEET OF	14 24



LEGEND			
	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X	TS	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	
STRUCTURE, MAJOR (HOUSE, ETC)			
STRUCTURE MINOR, (SIDEWALK, ETC)			
FENCE	---	---	
BLOCK WALL	---	---	
RETAINING WALL	---	---	
PROPERTY LINE	---	---	
LOT NUMBER			
SAS MANHOLE	○	○	
STORMDRAIN MANHOLE	○	○	
WATERMETER BOX			
DOUBLE	---	---	
SINGLE	---	---	
SAS SERVICE STUB OUT	---	---	
NOTES			
STREET LIGHT	---	---	
FIRE HYDRANT	---	---	
BOLLARD	---	---	

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS,
CITY OF ALBUQUERQUE STANDARD
SPECIFICATIONS FOR PUBLIC WORKS.

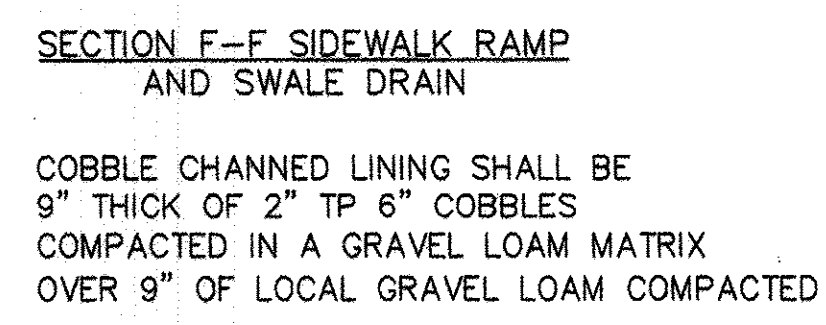


GENERAL NOTES:	CONSTRUCTION NOTES:
A. EXISTING STANDARD CURB AND GUTTER	BA. NEW STANDARD CURB
B. EXISTING ASPHALT SURFACED STREET	BB. NEW MOUNTABLE CURB,
C. EXISTING MOUNTABLE CURB	ROLL TYPE, AND
D. EXISTING WHEELCHAIR RAMP	GUTTER-STD DWG 2415A
E. EXISTING PORTLAND CEMENT SIDEWALK	BC. NEW TRANSITION STANDARD
F. EXISTING ASPHALT SURFACED BICYCLE PATH	TO MOUNTABLE CURB-2418
G. EXISTING MOUNTABLE CURB, ROLL TYPE	BD. NEW WHEELCHAIR RAMP
H. EXISTING STORM DRAIN INLET	STD DWG 2441, CASE II
I. EXISTING SUBSURFACE STORM DRAIN PIPE	BE. NEW WHEELCHAIR ACCESS
J. EXISTING PORTLAND CEMENT CONCRETE	RAMP -STD DWG 2440,
LINED STORM DRAIN CHANNEL	MID-BLOCK CROSSING
K. EXISTING SWALE	BF. CROSS WALK OR RAMP WITH
L. EXISTING STORM DRAIN MANHOLE	2% CROSS SLOPE, 3' WIDE
M. EXISTING ELECTRIC POWER POLE (WOOD)	BG. RAMP WITH 8.3% SLOPE
N. EXISTING POLE ANCHOR	BH. SEE SHEET 19 FOR WHEEL
O. EXISTING STREET LIGHT POLE	CHAIR RAMP DETAILS
P. EXISTING STREET LIGHT JUNCTION BOX	BI. NEW VALLEY GUTTER -
Q. EXISTING UNDERGROUND POWER CABLES	STD DWG 2420
R. EXISTING TRAFFIC LIGHT POLE	BJ. NEW VALLEY GUTTER -
S. EXISTING TRAFFIC LIGHT CONTROL BOX	STD DWG 2421
T. EXISTING COMMUNICATIONS CONTROL BOX	BK. NEW SPECIAL VALLEY GUTTER -
U. EXISTING COMMUNICATIONS PEDESTAL	STD DWG 2422
V. EXISTING UNDERGROUND COMMUNICATIONS	BL. NEW DRIVEPAD -
CABLES	STD DWG 2425
W. EXISTING UNDERGROUND GAS LINES	BM. NEW PORTLAND CEMENT
X. EXISTING GAS LINE CONTROL	SIDEWALK - STD DWG 2430
Y. EXISTING SANITARY SEWER MAINS	BN. NEW ASPHALT SURFACED STREET
Z. EXISTING SANITARY SEWER MANHOLE	BO. NEW STORM DRAIN INLET
AA. EXISTING WATER MAIN	-STD DWG 2206
AB. EXISTING GATE VALVE	BP. NEW STORM DRAIN PIPE
AC. EXISTING FIRE HYDRANT	BQ. NEW STORM DRAIN MANHOLE
AD. EXISTING ELECTRIC POWER TRANSFORMER	-STD DWG 2101
AE. EXISTING BLOCK WALL	BR. NEW SANITARY SEWER MANHOLE
	-STD DWG 2101
	BS. NEW REMOVABLE POSTS
	(BOLLARDS) - STD DWG 2250
	BT. NEW SIDEWALK CULVERTS
	WITH STEEL PLATE TOP
	- STD DWG 2236
	BU. NEW CMU BLOCK OR CAST
	PORTLAND CEMENT CONCRETE
	WALL - SEE DETAIL SHEETS

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

RECORD DRAWING

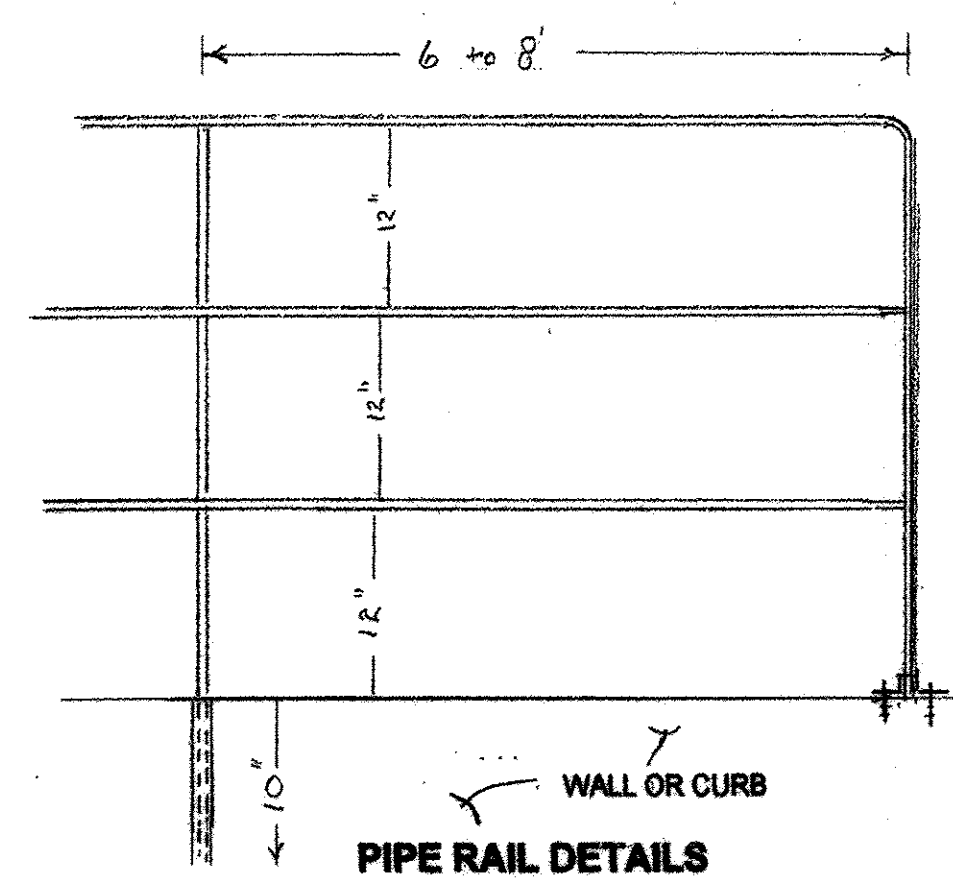
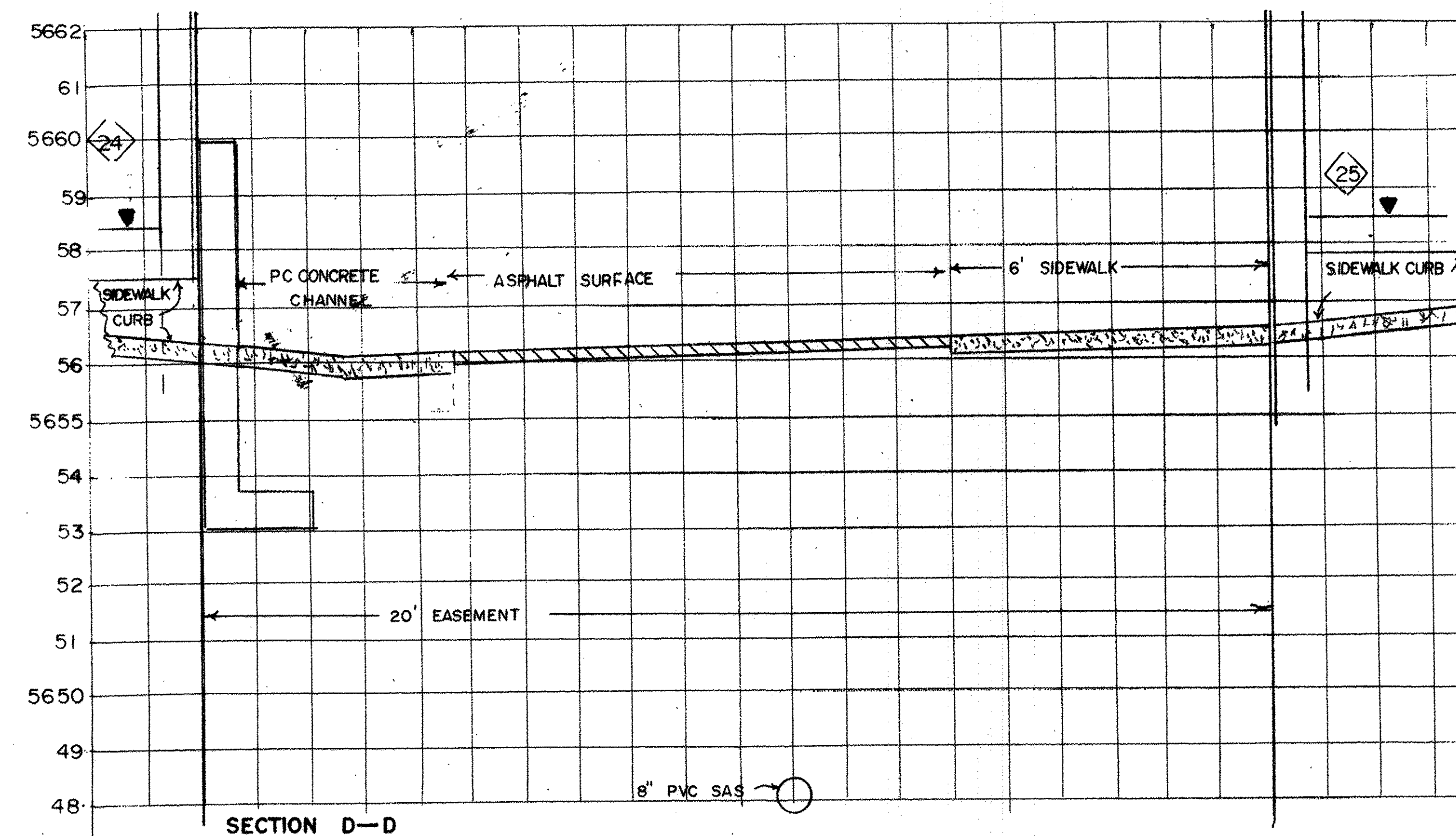
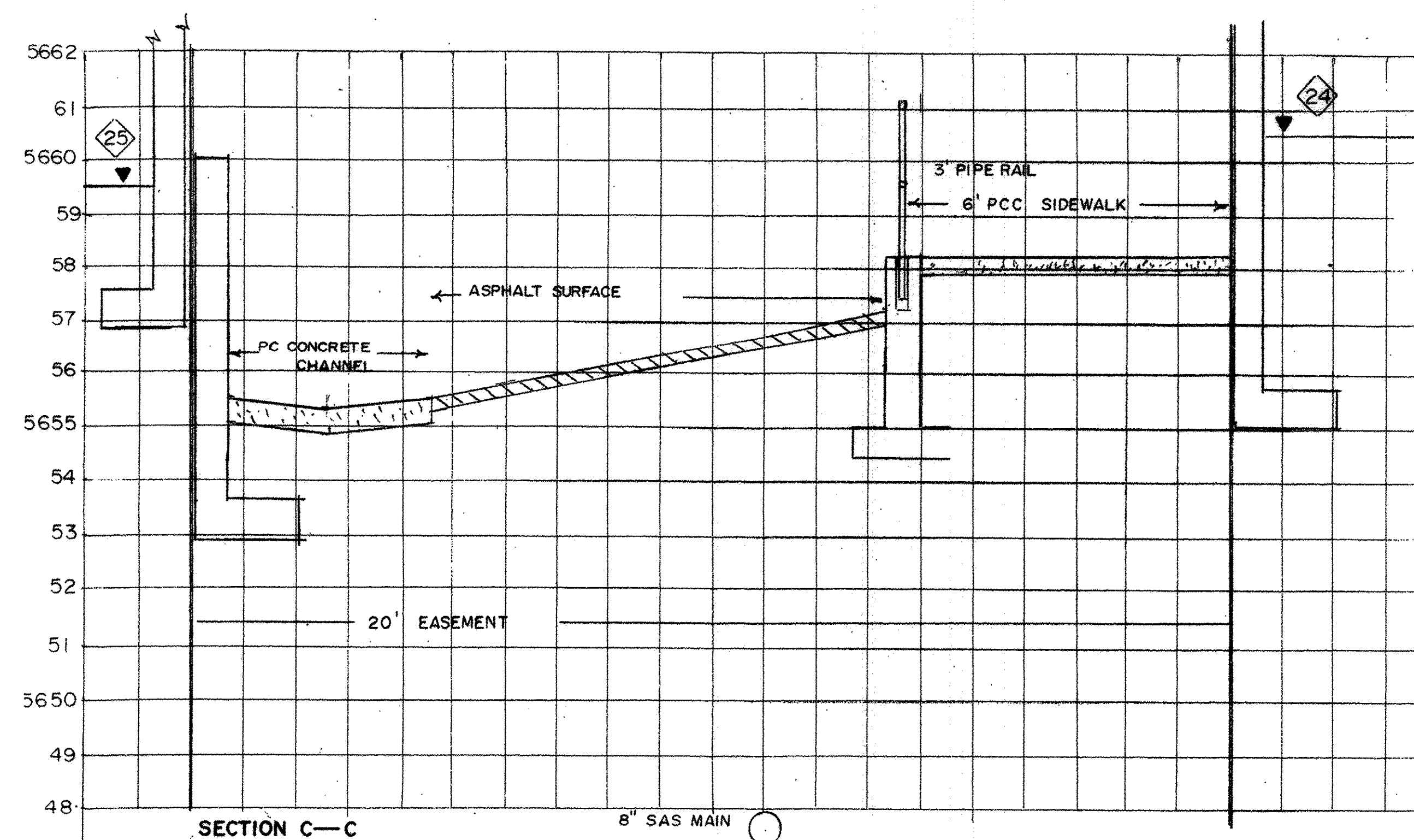
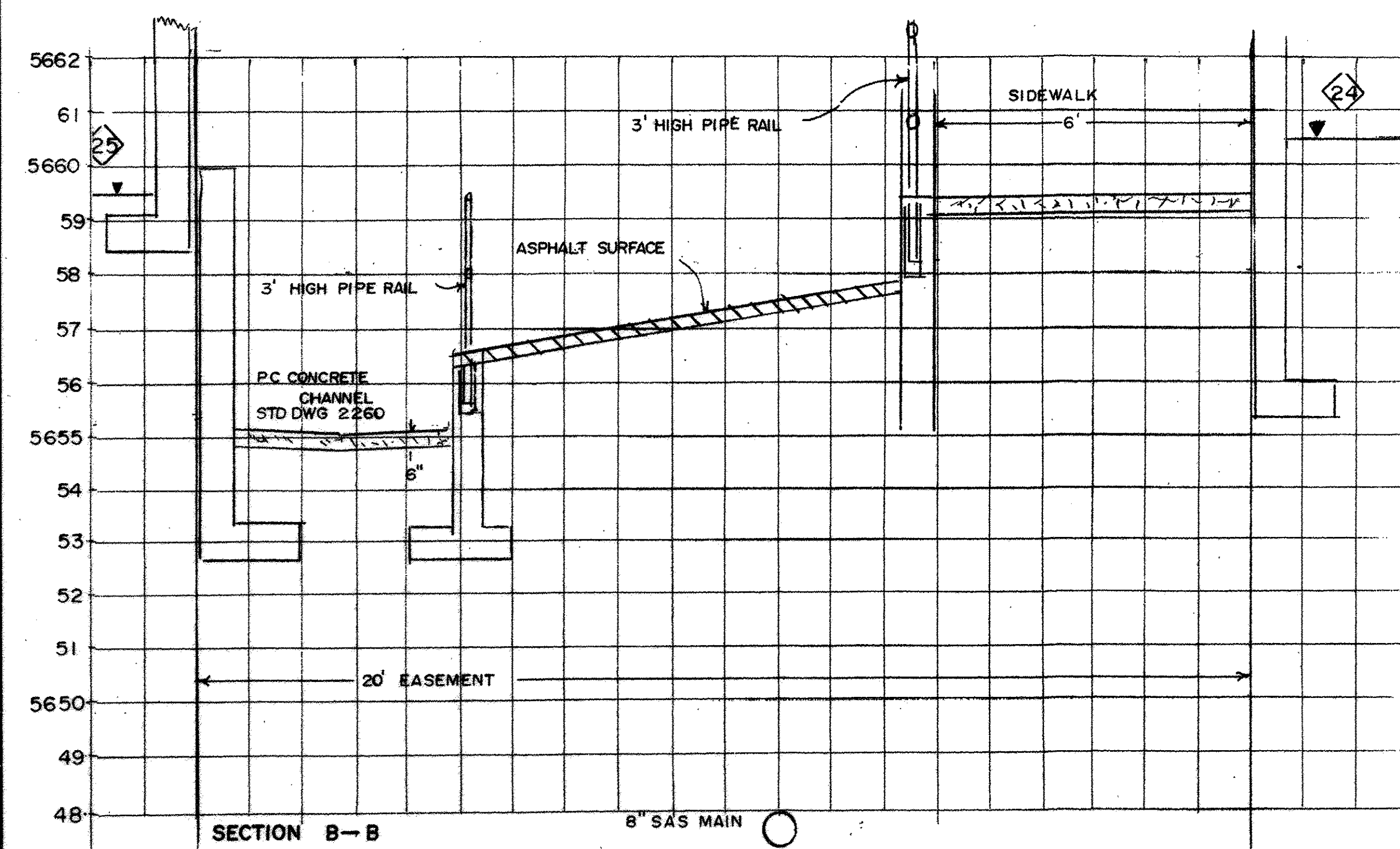
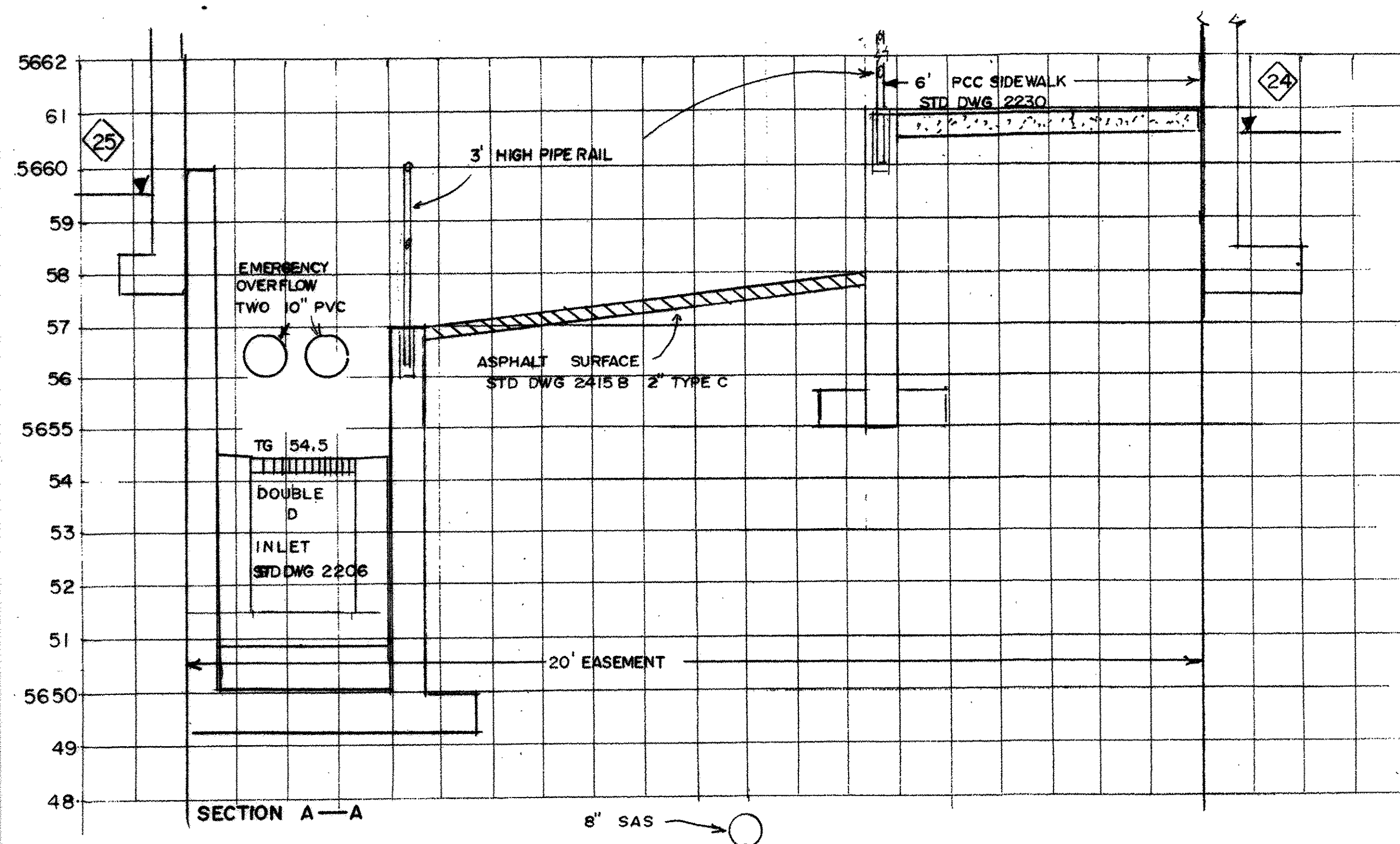
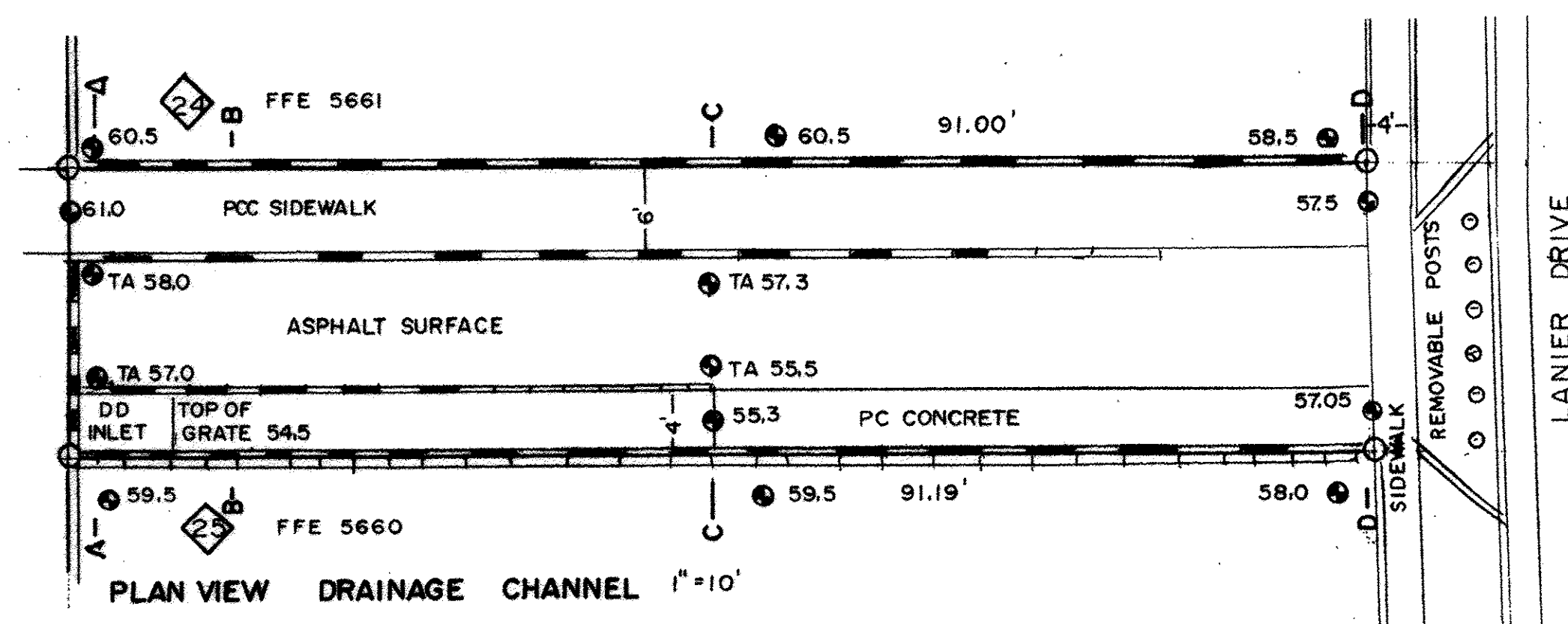
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION UTILITIES AND STORM DRAIN DETAILS			
DESIGNED BY: MRK	DATE: JAN 10, 2005	CHECKED BY: MRK	DATE: JAN 10, 2005
DRAWN BY: MMG	DATE: JAN 10, 2005		
CITY PROJECT NO.	750781	ZONE MAP NO.	L-23
SHEET 15		OF 24	



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E=1567234.039

[illegible]

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP															
TITLE: COVERED WAGON SUBDIVISION UTILITIES AND STORM DRAIN DETAILS															
Design Review Committee APPROVED JUN 3 1974 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JUN 3 1974 CITY ENGINEER	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Mo./Day/Yr.</th> <th style="width: 50%;">Mo./Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Mo./Day/Yr.	Mo./Day/Yr.										
Mo./Day/Yr.	Mo./Day/Yr.														
City Project No.	Zone Map No.	SHEET	OF												
750781	L-23	16	24												



RECORD DRAWING

SEE SHEET 20, 21, 22 AND 23 FOR TABLES OF STREET AND SAS ELEVATIONS.

SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.

PIPE RAIL SHALL BE FABRICATED FROM 1" TO 1-1/2" STEEL PIPE. PIPE JOINTS MAY BE WELDED OR ASSEMBLED FROM FABRICATED JOINTING PARTS. MOUNTING SYSTEM MAY BE SLEEVES OR ALTERNATIVE BASE PLAT. THE MOUNTING SYSTEM SHALL PERMIT REMOVAL AND REPLACEMENT OF THE RAIL FOR MAINTENANCE AND REPAIR. PIPE SHALL BE PRIMED AND FINISHED WITH A DULL RED OR BROWN FINISH. COMMERCIALY AVAILABLE RAILING MAY BE USED. SUBMIT SHOP DRAWINGS OF PROPOSED SYSTEM FOR APPROVAL.

ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM, 1929.

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: COVERED WAGON SUBDIVISION STORM DRAIN CHANNEL DETAILS			
APPROVED DESIGN REVIEW COMMITTEE	APPROVED CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 750781	Zone Map No. L-23	SHEET 17	OF 24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	BENCHMARK IS ACS MONUMENT 8-122, ELEVATION: 5665.44 (NGVD VERTICAL DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRAMWAY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE.	DATE	NO.	BY		REMARKS
WORK	DATE	A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5682.83	DATE	NO.	BY		NO. DATE
FIELD	DATE		DATE	NO.	BY		DESIGNED BY: MRK
CONNECTIONS	DATE		DATE	NO.	BY		DRAWN BY: MMG
MICRO-FILM INFORMATION						CHECKED BY: MRK	
						DATE: Jan 17, 2005	

SPECIAL NOTE:
DA REMOVE EXISTING WHEELCHAIR RAMP AND CONSTRUCT NEW ADA COMPLIANT RAMP WITH 2% MAXIMUM SLOPE LANDING AREA AND 8.33% MAXIMUM SLOPE EXIT RAMP.
DB REMOVE EXISTING WINGS TO EXISTING RAMP.
DC REMOVE EXISTING CURB AND GUTTER. PLACE NEW CURB AND GUTTER TO ELEVATIONS SHOWN. SAW CUT OR REMOVE C&G TO NEAREST FULL STONE.

GENERAL NOTES:

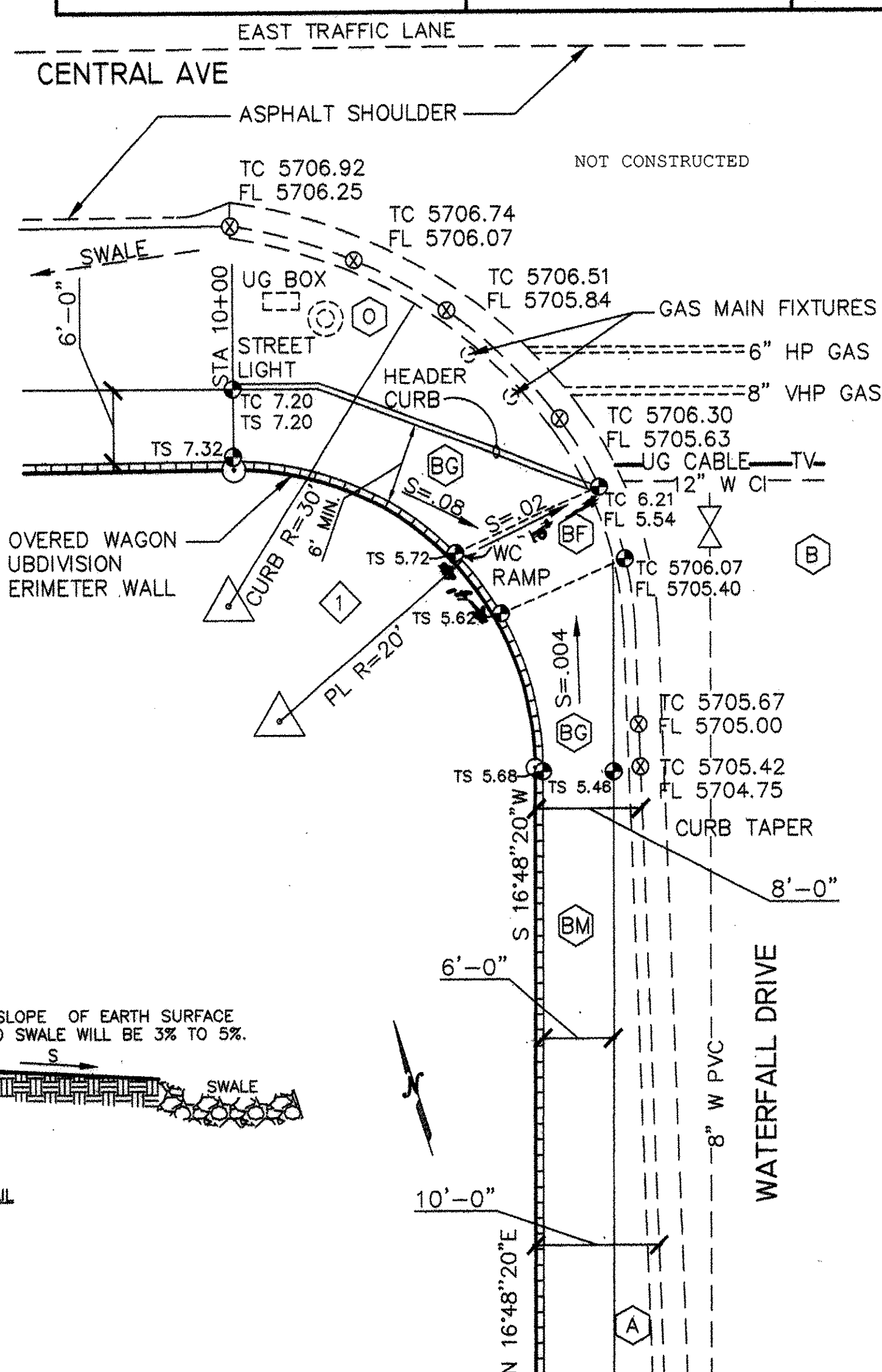
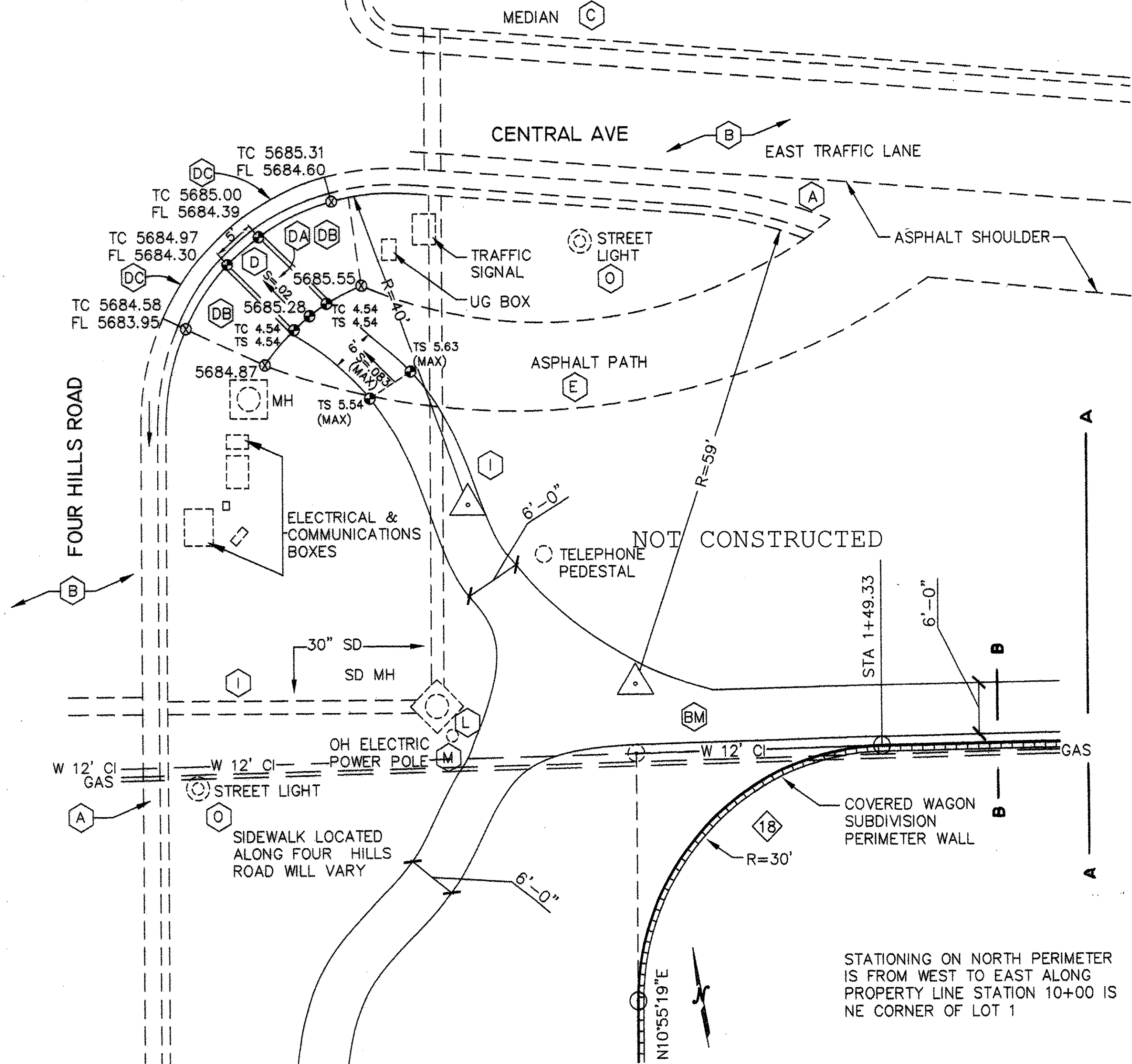
- A. EXISTING STANDARD CURB AND GUTTER
- B. EXISTING ASPHALT SURFACED STREET
- C. EXISTING MEDIAN CURB
- D. EXISTING WHEELCHAIR RAMP
- E. EXISTING PORTLAND CEMENT SIDEWALK
- F. EXISTING ASPHALT SURFACED BICYCLE PATH
- G. EXISTING MOUNTABLE CURB, ROLL TYPE
- H. EXISTING STORM DRAIN INLET
- I. EXISTING SUBSURFACE STORM DRAIN PIPE
- J. EXISTING PORTLAND CEMENT CONCRETE LINED STORM DRAIN CHANNEL
- K. EXISTING SWALE
- L. EXISTING STORM DRAIN MANHOLE
- M. EXISTING ELECTRIC POWER POLE (WOOD) POLE ANCHOR
- N. EXISTING STREET LIGHT POLE
- O. EXISTING STREET LIGHT JUNCTION BOX
- P. EXISTING UNDERGROUND POWER CABLES
- Q. EXISTING TRAFFIC LIGHT POLE
- R. EXISTING TRAFFIC LIGHT CONTROL BOX
- S. EXISTING COMMUNICATIONS CONTROL BOX
- T. EXISTING UNDERGROUND COMMUNICATIONS CABLES
- W. EXISTING UNDERGROUND GAS LINES
- X. EXISTING GAS LINE CONTROL
- Y. EXISTING SANITARY SEWER MAINS
- Z. EXISTING SANITARY SEWER MANHOLE
- AA. EXISTING WATER MAIN
- AB. EXISTING GATE VALVE
- AC. EXISTING FIRE HYDRANT
- AD. EXISTING ELECTRIC POWER TRANSFORMER
- AE. EXISTING BLOCK WALL

CONSTRUCTION NOTES:

- BA. NEW STANDARD CURB AND GUTTER-STD DWG 2415A
- BB. NEW MOUNTABLE CURB, ROLL TYPE, AND GUTTER-STD DWG 2415A
- BC. NEW TRANSITION STANDARD TO MOUNTABLE CURB-2418
- BD. NEW WHEELCHAIR RAMP STD DWG 2441, CASE II
- BE. NEW WHEELCHAIR ACCESS RAMP -STD DWG 2440, MID-BLOCK CROSSING
- BF. CROSS WALK OR RAMP WITH 2% CROSS SLOPE, 3' WIDE
- BG. RAMP WITH 8.3% SLOPE
- BH. SEE SHEET 19 FOR WHEEL CHAIR RAMP DETAILS
- BI. NEW VALLEY GUTTER - STD DWG 2420
- BJ. NEW VALLEY GUTTER - STD DWG 2421
- BK. NEW SPECIAL VALLEY GUTTER - STD DWG 2422
- BL. NEW DRIVEPAD - STD DWG 2425
- BM. NEW PORTLAND CEMENT SIDEWALK - STD DWG 2430
- BN. NEW ASPHALT SURFACED STREET
- BO. NEW STORM DRAIN INLET -STD DWG 2206
- BP. NEW STORM DRAIN PIPE

LEGEND

	EXISTING	PROPOSED (This Project)	FUTURE
SPOT ELEVATIONS	X @	5	
TOP OF SIDEWALK	TS	TS	
TOP OF CURB	TC	TC	
TOP OF WALL	TW	TW	
FLOW LINE INVERT	FL	FL	
FINISHED FLOOR ELEV	FFE	FFE	
CONTOUR LINE	---	---	---
STRUCTURE, MAJOR (HOUSE, ETC)	---	---	---
STRUCTURE MINOR, (SIDEWALK, ETC)	---	---	---
FENCE	---	---	---
BLOCK WALL	---	---	---
RETAINING WALL	---	---	---
PROPERTY LINE	---	---	---
LOT NUMBER	---	---	---
SAS MANHOLE	---	---	---
STORMDRAIN MANHOLE	---	---	---
WATERMETER BOX	---	---	---
DOUBLE	---	---	---
SINGLE	---	---	---
SAS SERVICE STUB OUT	---	---	---
NOTES	---	---	---
GATE VALVE	---	---	---
STREET LIGHT	---	---	---
FIRE HYDRANT	---	---	---
BOLLARD	---	---	---



REFER TO THE FOLLOWING STANDARDS:

- SEWER
 - 2101 MANHOLE TYPE "C"
 - 2102 MANHOLE TYPE "E"
 - 2107 CONCRETE MANHOLE COVER TYPE "C"
 - 2110 MANHOLE FRAME AND COVERS
 - 2111 MANHOLE ADJUSTMENT RING
 - 2118 SERVICE LINE CONNECTIONS AT MANHOLE
 - 2125 SERVICE LINE DETAILS
 - 2136 RISER DETAILS FLEXIBLE PIPE MAIN
 - 2140 ENCASMENT DETAILS
 - 2145 SEWER LINE DEAD-END MARKER
- DRAINAGE
 - 2206 STORM INLET DOUBLE "D" AND SINGLE "D"
 - 2207 STORM INLET CUTTER TRANSITION
 - 2215 STORM INLET CENTER SUPPORT ASSEMBLY
 - 2216 STORM INLET FRAME
 - 2220 STORM INLET ALBUQUERQUE GRATE
 - 2221 STORM INLET ALTERNATE GRATE
 - 2229 STEP DETAILS
 - 2236 SIDEWALK CULVERT WITH STEEL PLATE TOP
 - 2237 DRAIN LINE CONNECTION TO EXISTING STORM INLET
 - 2250 STATIONARY AND REMOVABLE POST DETAILS
 - 2260 TYPICAL LINING FOR DRAINAGE EASEMENTS
- WATER
 - 2301 WATERLINE CONNECTION DETAILS
 - 2315 PIPE TRENCH TERMINOLOGY
 - 2320 CONCRETE BLOCK DESIGN
 - 2326 WATER VALVE BOX
 - 2328 RING & COVER FOR VALVE BOX
 - 2333 WATER VALVE ANCHORAGE
 - 2340 FIRE HYDRANT INSTALLATION
 - 2347 DETAILS ON TYPICAL FIRE HYDRANT LOCATIONS
 - 2350 AIR RELEASE VALVE
 - 2355 STANDARD PRV STATION WITH PROPELLER METER
 - 2357 STANDARD PRV STRUCTURAL DETAILS
 - 2358 THRUST TIE DETAILS
 - 2361 TYPICAL METER BOX INSTALLATIONS
 - 2362 METERED SERVICE LINE INSTALLATIONS
 - 2363 METERED SERVICE LINE INSTALLATIONS
 - 2366 DOUBLE METER BOX FOR 3/4" AND 1" METERS
 - 2368 METER BOX AND COVER
 - 2369 HEAVYWEIGHT METER BOX COVER AND LID

- PAVEMENT
 - 2405A LOCAL RESIDENTIAL STREET SECTION
 - 2405B MAJOR LOCAL STREET SECTION
 - 2415A CURB AND GUTTER AND CURB CUT DETAILS
 - 2415B CURB AND GUTTER AND TEMPORARY PAVEMENT SECTION
 - 2418 MOUNTABLE TO STANDARD CURB TRANSITION
 - 2420 CONCRETE VALLEY GUTTER
 - 2421 CONCRETE VALLEY GUTTER (KNUCKLE)
 - 2422 SPECIAL CONCRETE VALLEY GUTTERS
 - 2425 DRIVEPADS
 - 2430 SIDEWALK DETAILS
 - 2432 SIDEWALK TRANSITIONS
 - 2440 CURB ACCESS RAMP
 - 2441 WHEEL CHAIR ACCESS RAMP
 - 2450 CONCRETE JOINTS STANDARD
 - 2452 TYPICAL CONCRETE PAVEMENT JOINT PATTERN
 - 2460 MANHOLE AND VALVE BOX REGRADING
 - 2465 PAVEMENT CUTS FOR UTILITIES
- TEMPORARY TRAFFIC CONTROL
 - 2801 GENERAL NOTES
 - 2802 TRAFFIC CONTROL SIGNING
 - 2803 CONSTRUCTION TRAFFIC CONTROL
 - 2804 SIGNING EXAMPLES (MUTCD)
 - 2805 SIGNING EXAMPLES (MUTCD)
 - 2806 SIGNING EXAMPLES (MUTCD)
 - 2807 SIGNING EXAMPLES (MUTCD)
 - 2808 SIGNING EXAMPLES (MUTCD)

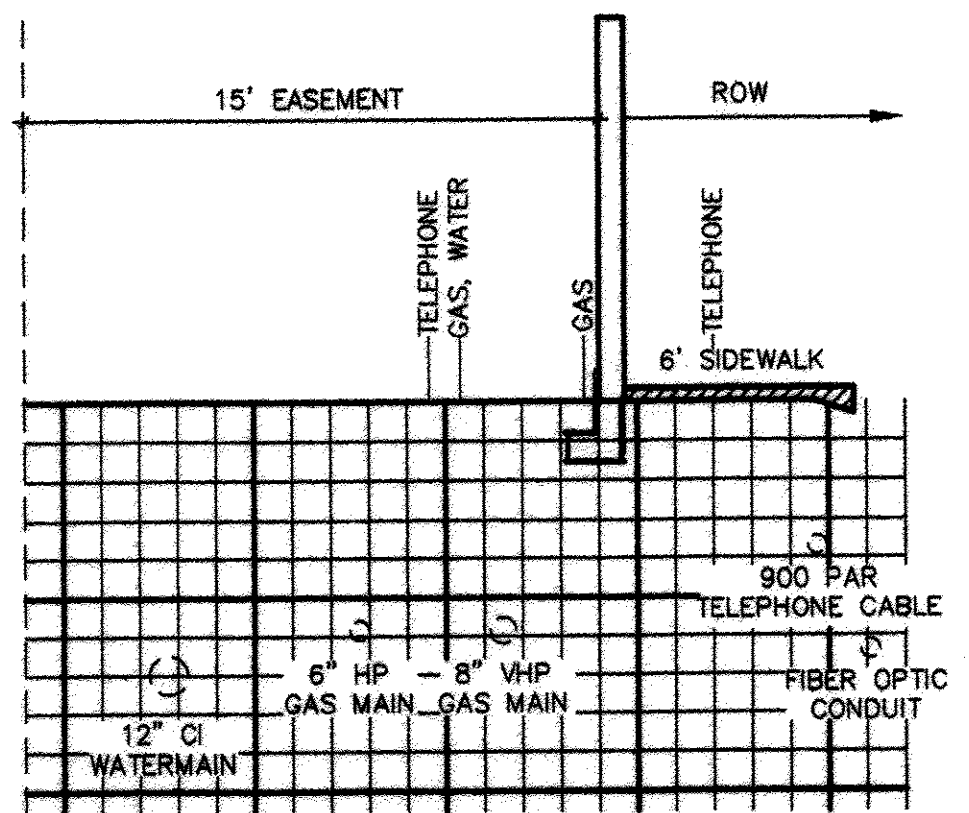
RECORD DRAWING
WORK SHOWN ON THIS
SHEET NOT CONSTRUCTED

SCALE = 1"=10'-0"

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

SECTION A-A. ROW DETAIL

SCALE 1"=10'-0"



SECTION B-B. DETAIL OF UTILITIES

SCALE 1"=10'-0"

NOTE: LOCATIONS VARY. THIS DETAIL AT STATION 44+50

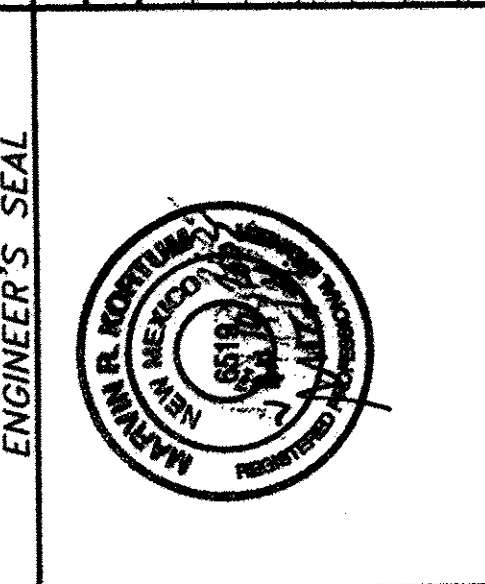
NOTE:
THE SURFACE AREA BETWEEN THE EXISTING ASPHALT SHOULDER AND THE NEW 6' WIDE SIDEWALK ALONG CENTRAL AVENUE WILL BE SURFACED WITH LOCAL DISINTEGRATING GRANITE (DG) GRAVEL. THE SURFACE WILL BE GRADED TO SLOPE TOWARD THE COBBLE SWALE AND SEEDED WITH NATIVE GRASSES. (NO SALTBRUSH OR CHAMISA, OR WOODY SHRUBS). NO MULCH OR STRAW MATTING IS TO BE APPLIED. THIS AREA IS USED AS EMERGENCY PARKING FOR VEHICLES DURING PERIODS OF ROAD CLOSURE THROUGH TIJERAS CANYON.

UNDERGROUND UTILITIES LOCATIONS AS SHOWN ON DETAIL, SECTION B-B, ARE BASED ON EXCAVATION AND VISUAL IDENTIFICATION. LOCATIONS AS SHOWN ON THE PLAN VIEWS ARE BASED ON SURFACE MARKINGS AS STAKED BY ONE-CALL.

THIS DETAIL AT STATION 44+50
UTILITY LOCATIONS VARY.

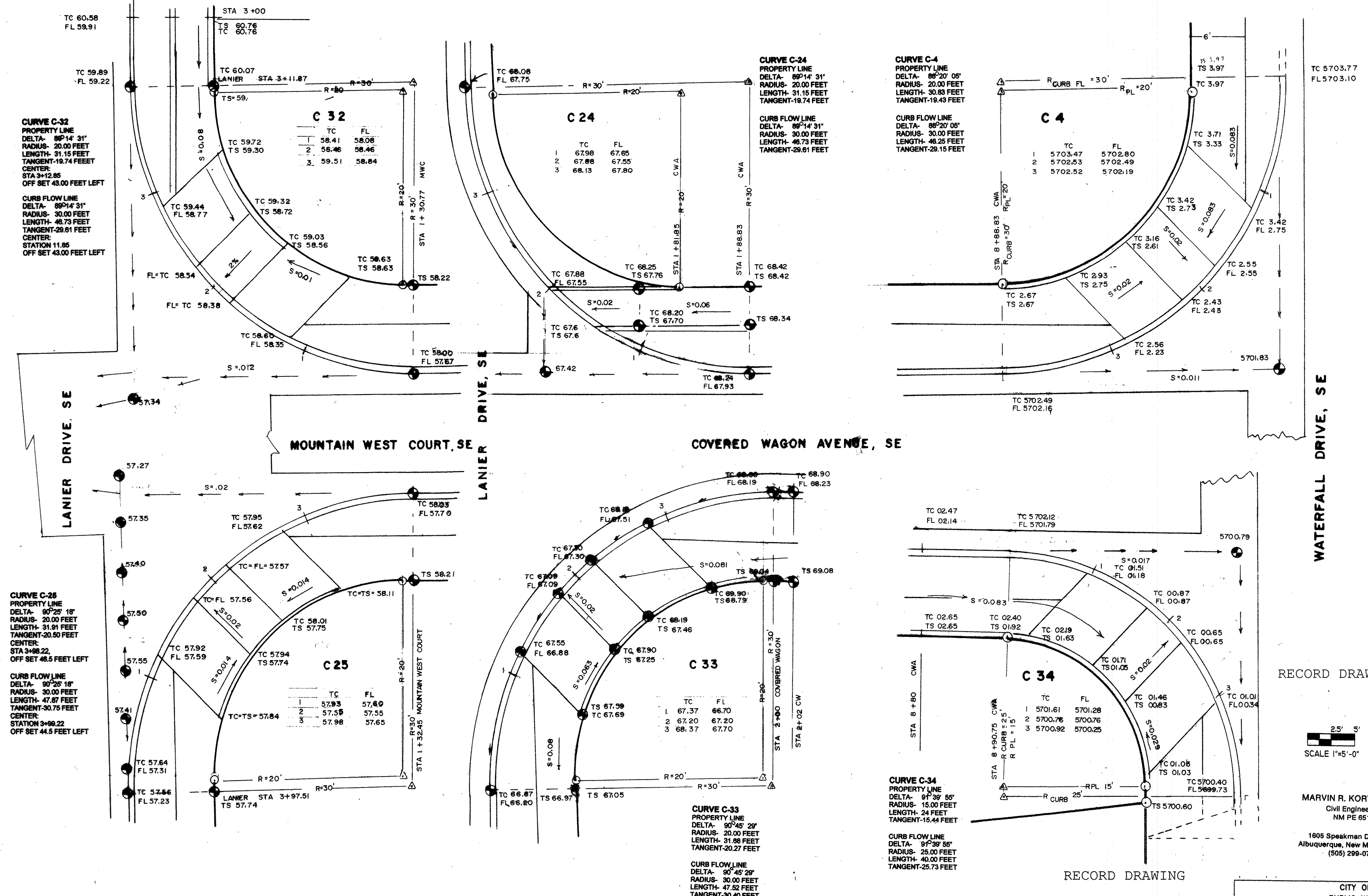
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WORK ORDER NO.	DATE
INSPECTOR'S NAME	DATE
INSPECTOR'S SIGNATURE	DATE
FIELD LOCATION BY	DATE
FIELD LOCATION BY CST	DATE
DRAWINGS	DATE
CORRECTED BY DES	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	
NO.	



ENGINEER'S SEAL	
REMARKS	BY
DATE	DATE
DESIGNED BY: MRK	DATE: JAN 10, 2005
DRAWN BY: MMG	DATE: JAN 10, 2005
CHECKED BY: MRK	DATE: JAN 10, 2005

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: COVERED WAGON SUBDIVISION STREET SECTIONS & NOTES	
Design Review Committee APPROVE DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE CITY ENGINEER
City Project No. 750781	Zone Map No. L-23
SHEET 18	OF 24



AS BUILT INFORMATION		SURVEY INFORMATION		ENGINEER'S SEAL		RECORD DRAWING	
CONTRACTOR	DATE	FIELD NOTES	BY		REMARKS	NO.	DATE
WORKS BY	DATE	NO.	BY				
INSPECTOR'S	DATE						
ACCEPTANCE BY	DATE						
FIELD NOTES BY	DATE						
DRAWINGS	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

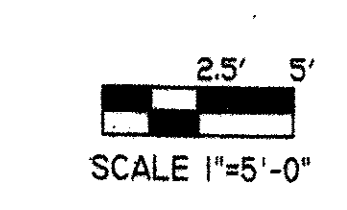
BENCHMARK IS ACS MONUMENT 8-122, ELEVATION: 5665.44 (NGVD VERTICAL DATUM 1929, EXPRESSED IN U.S. SURVEY FEET). STATION IS LOCATED AT THE INTERSECTION OF CENTRAL AVENUE AND TRAMWAY BOULEVARD, ON THE WEST END OF THE EAST MEDIAN ON CENTRAL AVENUE.

A TEMPORARY BENCHMARK IS A CROSS MARKED ON THE TRAFFIC ISLAND AT THE SOUTHWEST CORNER OF THE INTERSECTION OF CENTRAL AVENUE AND FOUR HILLS ROAD. ELEVATION: 5662.83

DESIGNED BY: MRK
DRAWN BY: MMG
CHECKED BY: MRK

DATE: 11/10/2005
DATE: 11/10/2005
DATE: 11/10/2005

RECORD DRAWING



MARVIN R. KORTUM, P.E.
Civil Engineering
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

RECORD DRAWING

RAMP SLOPES SHALL NOT BE GREATER THAN 1/12 (1 VERTICAL TO 12 HORIZONTAL) (0.83%)
LANDING AREA SHALL HAVE SLOPES NO GREATER THAN 1/50 (1 VERTICAL TO 50 HORIZONTAL) (0.2%)

SEE SHEET 20, 21, 22 AND 23 FOR TABLES OF STREET AND SAS ELEVATIONS.
SEE SHEET 18 FOR REFERENCES TO STANDARD DRAWINGS, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM 1929
FOR ACCESS RAMPS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWING 2441, CASE II, RAMPS WITH HEADER CURB.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COVERED WAGON SUBDIVISION
WHEEL CHAIR RAMP DETAILS

Design Review Committee
APPROVED
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
CITY ENGINEER

City Project No. 750781 Zone Map No. L-23 SHEET 19 OF 24

COVERED WAGON SUBDIVISION, LANIER DRIVE, NOVEMBER 24, 2004

STREET ELEVATIONS, VERTICAL CURVE DATA, SAS MAIN AND SERVICES ELEVATIONS.

STATIONING ON LANIER DRIVE IS ALONG THE CENTER LINE, FROM NORTH TO SOUTH, WITH STATION 100.00 BEING THE INTERSECTION OF THE CENTER LINE WITH THE SOUTH PROPERTY LINE OF LOT 18 (NORTH RIGHT-OF-WAY OF LANIER DRIVE). THE CENTERLINES OF COVERED WAGON VENUE WITH LANIER DRIVE.

ALL ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGVD 1929

ELEVATIONS AND VERTICAL CURVE										SAS SERVICES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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COVERED WAGON SUBDIVISION, COVERED WAGON AVENUE, NOVEMBER 24, 2004															
STREET ELEVATIONS, VERTICAL CURVE DATA, SAS MAIN AND SERVICES ELEVATIONS.															
STATIONING ON COVERED WAGON AVENUE IS ALONG THE CENTER LINE, FROM WEST TO EAST, WITH STATION 155.41 BEING THE INTERSECTION OF THE CENTER LINES OF COVERED WAGON AVENUE WITH LANIER DRIVE.															
ALL ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NNGVD 1929															
DISTANCE															
TO BOTTOM OF MAIN TO RISE AT															
SAS SERVICES															
STATION SAS MH INV. SLOPE LOT # SAS MAIN LENGTH AT P L TOP OF CURB AT PL W MAIN															
ELEVATIONS AND VERTICAL CURVE															
COVERED WAGON CENTER LINE SLOPE VERTICAL CURVE CENTER LINE N & S CURB FL															
HORIZ STATIONS VERTICAL SLOPE ELEV. ELEV. ELEV. ELEV. ELEV.															
PL/ROW	916.6	0.02	5701.33	5701.33	5701.33										
	909.6 FVI	0.0321	5701.47	5701.47	5701.47										
	905.6	0.0321	5701.56	5701.56	5701.56										
	899.6	0.0321	5701.79	5701.79	5701.79										
CPCS	890.75	0.0321	5702.07	5702.07	5701.79										
CPCN	887.58	0.0321	5702.17	5702.17	5701.89										
	880	0.0321	5702.42	5702.42	5702.14										
SAS MH 7	877.24	0.0321	5702.51	5702.51	5702.23	877.24 MH 7	95		95.00						
SVC LOT 1	872.24	0.0321	5702.67	5702.67	5702.39	872.24		1	94.82	28	5696.48	5702.72	6.24	5697.12 1.00 0.00	
	872 FVT	0.0321	5702.68	-1.11	0.00	5702.68									
	862	0.0321	5703.00	-1.11	-0.04	5702.95									
	862	0.0321	5703.32	-1.11	-0.18	5703.14									
	842	0.0321	5703.64	-1.11	-0.40	5703.24									
SVC LOT 2	831.24	0.0321	5703.96	-1.11	-0.74	5703.25		2	93.35	28	5695.01	5703.30	8.29	5697.12 2.47 1.47	
	822 FVI	0.0321	5704.28	-1.11	-1.11	5703.17									
	822 FVI	0.05687	5704.28	-1.11	-1.11	5703.17									
	812	0.05687	5703.71	-1.11	-0.71	5703.00									
	802	0.05687	5703.14	-1.11	-0.40	5702.74									
	792	0.05687	5702.57	-1.11	-0.18	5702.39									
SVC LOT 3	790.24	0.05687	5702.47	-1.11	-0.15	5702.32		3	91.88	28	5693.54	5702.37	8.84	5697.12 3.94 2.94	
	782	0.05687	5702.00	-1.11	-0.04	5701.96									
	772 FVC	0.05687	5701.43	-1.11	0.00	5701.43									
	750	0.05687	5700.18			5699.90									
SVC LOT 4	749.24	0.05687	5700.14			5699.86		4	90.40	28	5692.06	5700.19	8.12	5696.04 4.33 3.33	
SVC LOT 5	708.24	0.05687	5697.81			5697.81		5	88.93	28	5690.59	5697.86	7.26	5693.71 3.47 2.47	
	700	0.05687	5697.34			5697.34									
CLPT	674.77	0.05687	5695.90			5695.90									
SVC LOT 53	671.59	0.05687	5695.72			5695.72		53	87.62	18	5689.08	5695.77	6.70		0.70
SVC LOT 6	667.47	0.05687	5695.49			5695.49		6	87.47	28	5689.13	5695.54	6.41	5691.39	2.62 1.62
SAS MH 6	654.42	0.05687	5694.75			5694.75	MH 6	87	87.00						
	650	0.05687	5694.49			5694.49									
CLPC	634.06	0.05687	5693.59			5693.59									
SVC LOT 7	626.13	0.05687	5693.14			5693.14		7	85.25	28	5686.91	5693.19	6.28	5689.04	2.49 1.49
SVC LOT 52	610.4	0.05687	5692.24			5692.24		52	84.28	18	5685.74	5692.29	6.55		0.55
	600	0.05687	5691.65			5691.65									
SVC LOT 8	584.13	0.05687	5690.75			5690.75									
	550	0.05687	5688.81			5688.81									
SVC LOT 9	541.78	0.05687	5688.34			5688.34		9	80.03	28	5681.69	5688.39	6.70	5684.24	2.91 1.91
SVC LOT 51	539.72	0.05687	5688.22			5688.22		51	79.90	18	5681.36	5688.27	6.91		0.91
CLPT	515.07	0.05687	5686.32			5686.32									
	500 FVT	0.05687	5685.96	0.12	0.00	5685.96									
SVC LOT 10	496.42	0.05687	5685.87	0.12	0.00	5685.87		10	77.35	28	5679.01	5685.92	6.91	5681.77	3.12 2.12
SVC LOT 50	490.21	0.05687	5685.41	0.12	0.00	5685.41		50	76.84	18	5678.30	5685.46	7.16		1.16
SAS MH 5	476.52	0.05687	5684.63	0.12	0.03	5684.63	MH 5	76	76.00						
SVC LOT 11	453.85	0.05687	5683.34	0.12	0.10	5683.34		11	74.78	28	5676.44	5683.49	7.06	5679.34	3.27 2.27
	450	0.05687	5683.12	0.12	0.12	5683.12									
	450	0.05687	5683.12	0.12	0.12	5683.12									
SVC LOT 49	439.77	0.05687	5682.44	0.12	0.08	5682.44		49	74.02	18	5675.48	5682.56	7.09		1.09
CLPC	436.17	0.05687	5682.33	0.12	0.07	5682.33									
SVC LOT 12	406.85	0.05687	5680.24	0.12	0.00	5680.24		12	72.25	28	5673.91	5680.30	6.39	5676.15	2.60 1.60
	400	0.05687	5679.79	0.12	0.00	5679.79									
SVC LOT 48	390.77	0.05687	5679.17			5679.17		48	71.38	18	5672.84	5679.22	6.38		
SVC LOT 13	359.85	0.05687	5677.11			5677.11		13	69.72	28	5671.38	5677.16	5.78	5673.01	1.99 0.99
	350	0.05687	5676.46			5676.46									
SVC LOT 47	341.77	0.05687	5675.91			5675.91		47	68.75	18	5670.21	5675.96	5.75		
SVC LOT 14	312.85	0.05687	5673.98			5673.98		14	67.20	28	5668.96	5674.03	5.17	5669.88	1.38 0.38
	300 FVT	0.05687	5673.12	0.54	0.00	5673.12									
SVC LOT 46	292.77	0.05687	5672.64	0.54	0.01	5672.64		46	66.12	18	5667.58	5672.70	5.13		
	290	0.05687	5672.46	0.54	0.02	5672.46									
	290	0.05687	5671.79	0.54	0.09	5671.79									
	270	0.05687	5671.12	0.54	0.19	5671.12									
SVC LOT 15	265.85	0.05687	5670.85	0.54	0.25	5670.85		15	64.67	28	5666.33	5671.15	4.82	5667.00	1.03 0.03
	260	0.05687	5670.46	0.54	0.35	5670.46									
	255	0.05687	5670.12	0.54	0.44	5670.12									
	250 FVI	0.05687	5669.79	0.54	0.54	5670.33									
	250 FVI	0.02326	5669.63	0.54	0.54	5670.17									
	245	0.02326	5669.51	0.54	0.44	5669.95									
SVC LOT 45	243.77	0.02326	5669.49	0.54	0.41	5669.90		45	63.48	18	5664.94	5669.95	5.01		-0.99
	240	0.02326	5669.40	0.54	0.35	5669.74									
	230	0.02326	5669.16	0.54	0.19	5669.36									
	225	0.02326	5669.06	0.54	0.14	5669.18									
SVC LOT 16	218.85	0.02326	5668.91	0.54	0.08	5668.96		16	62.14	28	5663.80	5669.03	5.23	5664.88	1.44 0.44
	215	0.02326	5668.82	0.54	0.05	5668.86									
	210	0.02326	5668.70	0.54	0.02	5668.72									
	210	0.02326	5668.70	0.54	0.02	5668.72									
S CURB FL PT	200 FVC	0.02326	5668.47	0.54	0.00	5668.47									
	195	0.02326	5668.35			5668.35									
	190	0.02326	5668.23			5668.23									
N CURB FL PT	188.83	0.02326	5668.21			5668.21									
SVC LOT 17	185.85	0.02326	5668.16			5668.16									
LOT 17 PL PT	181.85	0.02326	5668.04			5668.04									
	180	0.02326	5668.00			5668.00									
	175	0.02326	5667.89			5667.89									
	170	0.02326	5667.77			5667.77									
	169.41	0.02326	5667.76			5667.76									
SAS MH 3, CVD	160.41	0.02326	5667.55			5667.55	MH 3 CV	59	0.05376		59.00				
PL CVD WGNL	155.41 FVI	0.02326	5667.59			5667.43									

ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM, 1929.

RECORD DRAWING

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

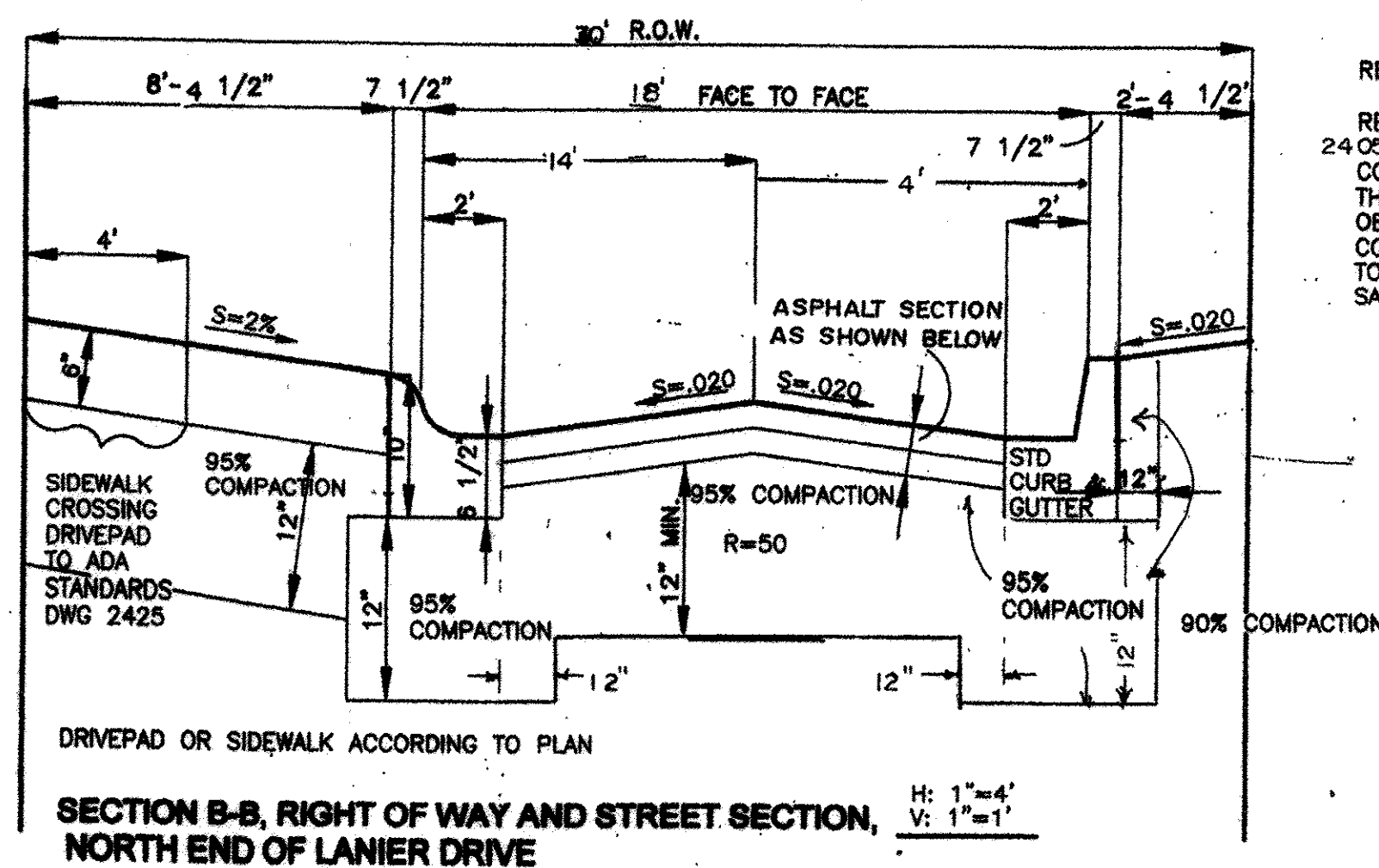
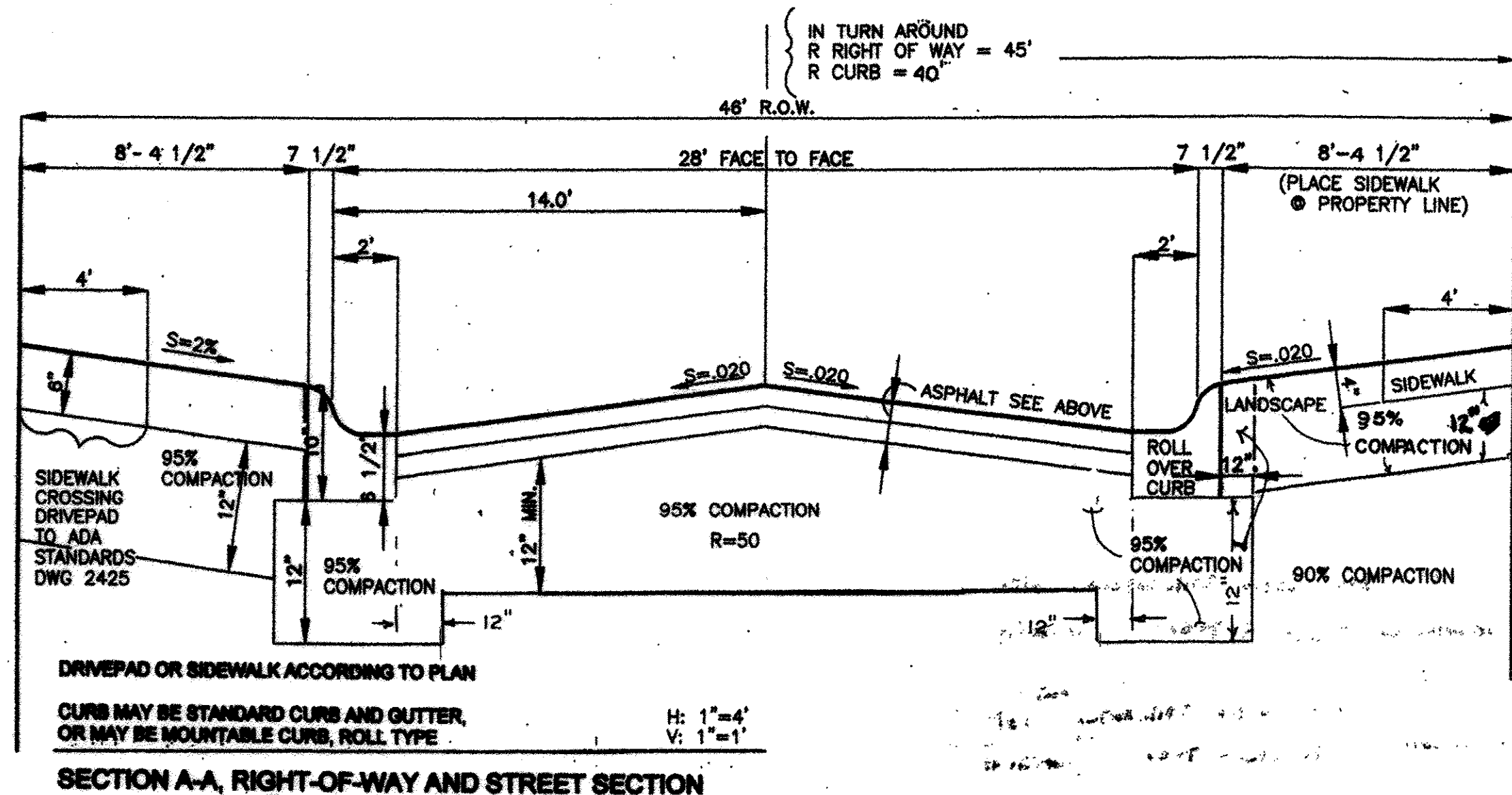
COVERED WAGON SUBDIVISION, MOUNTAIN WEST COURT, NOVEMBER 24, 2004
STREET ELEVATIONS, VERTICAL CURVE DATA, SAS MAIN AND SERVICES ELEVATIONS

STATIONING ON MOUNTAIN WEST COURT IS ALONG THE CENTER LINE, FROM WEST TO EAST, WITH STATION 5+00 BEING THE CENTER OF THE TURN-AROUND FROM STATION 4+45.96 TO STATION 5+62.31. THE STATIONING IS ALONG THE CURB FLOW LINE, BOTH NORTH AND SOUTH.

ALL ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGVD 1929

ELEVATIONS AND VERTICAL CURVE																							
		CENTER LINE STATIONS	CENTER SLOPE	CENTER LINE ELEV.	SLOPE ELEV.	VERTICAL CURVE ELEV.	CENTER LINE ELEV.	N & S CURB FL. ELEV.	SAS SERVICES STATION	SAS MH	MH INV.	SLOPE	LOT #	INVERT SAS MAIN	SAS SVC LENGTH	SVC INV AT P.L.	TOP OF CURB	DISTANCE TO SAS SVC AT PL	BOTTOM OF W MAIN	DISTANCE TO SAS SVC FEET	ALLOWABLE RISER AT SAS MAIN FEET		
	PVI	562.31	0.0509	5682.2	5682.20	-1.27	-1.27	5680.93	5680.85														
		562.31	0.0509		5681.69	-1.27	-0.81	5680.88	5680.80														
		542.31	0.0509		5681.18	-1.27	-0.46	5680.72	5680.44														
		532.31	0.0509		5680.67	-1.27	-0.20	5680.47	5680.19														
	PVC	512.31	0.0509		5679.66	-1.27	0.00	5679.66	5679.38														
		510	0.0509		5679.54			5679.54	5679.26														
		500	0.0509		5679.03			5679.03	5678.75														
	CEN-TURN-AROUND	495.96	0.0509		5678.80	-0.14	0.00	5678.80	5678.52														
	PVT	487	0.0509		5678.62	-0.14	-0.00	5678.62	5678.34	492 MH 8	70.4	0.0533											
	SAS MH 8	487	0.0509		5678.37	-0.14	-0.00	5678.36	5678.08	487													
	SVC LOT 35	485.56	0.0509		5678.29	-0.14	-0.01	5678.29	5678.01					35	69.33	47	5671.37	5678.41	7.04		1.04		
		475.56	0.0509		5677.78	-0.14	-0.02	5677.76	5677.48														
	PC	472.29	0.0509		5677.62	-0.14	-0.03	5677.59	5677.31														
	SVC LOT 36	468.95	0.0509		5677.35	-0.14	-0.05	5677.30	5677.02	468.95				36	68.27	45	5670.27	5677.35	7.08	5673.20	3.29	2.29	
		465.56	0.0509		5677.28	-0.14	-0.05	5677.23	5676.95														
		455.56	0.0509		5676.77	-0.14	-0.09	5676.68	5676.40														
	PC	445.56	0.0509	5676.25	5676.26	-0.14	-0.14	5676.12	5675.84														
	PVI	445.56	0.0624	5676.25	5676.25	-0.14	-0.14	5676.11	5675.83														
	SVC LOT 34	442.87	0.0624		5676.08	-0.14	-0.13	5675.96	5675.68	442.87				34	66.98	18	5668.44	5676.01	7.56		1.56		
		440	0.0624		5675.90	-0.14	-0.11	5675.79	5675.51														
		430	0.0624		5675.28	-0.14	-0.07	5675.21	5674.93														
		420	0.0624		5674.88	-0.14	-0.05	5674.82	5674.54														
	SVC LOT 37	417.95	0.0624		5674.53	-0.14	-0.03	5674.50	5674.22	417.95				37	65.65	28	5667.31	5674.55	7.23	5670.40	3.44	2.44	
		410	0.0624		5674.03	-0.14	-0.01	5674.02	5673.74														
		400	0.0624		5673.41	-0.14	-0.00	5673.41	5673.13														
	SVC LOT 33	397.87	0.0624		5673.27	-0.14	-0.00	5673.27	5672.99	397.87				33	64.58	18	5668.04	5673.32	7.28		1.28		
	PVC	395.56	0.0624		5673.13	-0.14	0.00	5673.13	5672.85														
		380	0.0624		5672.16			5672.16	5671.88														
		370	0.0624		5671.54			5671.54	5671.26														
	SVC LOT 38	368.95	0.0624		5671.47			5671.47	5671.19	368.95				38	63.04	28	5664.70	5671.52	6.82	5667.37	3.03	2.03	
		360	0.0624		5670.91			5670.91	5670.63														
	SVC LOT 32	352.87	0.0624		5670.47			5670.47	5670.19	352.87				32	62.19	18	5663.65	5670.52	6.87		0.87		
		350	0.0624		5670.29			5670.29	5670.01														
		340	0.0624		5669.66			5669.66	5669.38														
		330	0.0624		5669.04			5669.04	5668.76														
		320	0.0624		5668.42			5668.42	5668.14														
	SVC LOT 39	319.95	0.0624		5668.41			5668.41	5668.13	319.95				39	60.43	28	5662.09	5668.46	6.37	5664.31	2.58	1.58	
		310	0.0624		5667.79			5667.79	5667.51														
	SVC LOT 31	307.87	0.0624		5667.66			5667.66	5667.38	307.87				31	58.79	18	5661.25	5667.71	6.46		0.46		
		300	0.0624		5667.17			5667.17	5666.89														
		290	0.0624		5666.54			5666.54	5666.26														
		280	0.0624		5665.92			5665.92	5665.64														
	SVC LOT 40	270.95	0.0624		5665.35			5665.35	5665.07														
	SVC LOT 30	262.87	0.0624		5664.85			5664.85	5664.57	262.87				40	57.39	28	5668.05	5664.90	5.85	5660.75	2.05	1.05	
		250	0.0624		5664.67			5664.67	5664.39														
		240	0.0624		5664.05			5664.05	5663.77														
		235	0.0624		5663.42			5663.42	5663.14														
		230	0.0624		5663.11			5663.11	5662.83														
	SVC LOT 41	221.95	0.0624		5662.80			5662.80	5662.52	221.95				30	56.21	18	5665.67	5662.35	5.68				
		220	0.0624		5662.18			5662.18	5661.90														
	SVC LOT 29	217.87	0.0624		5662.04			5662.04	5661.76	217.87				41	54.99	28	5666.65	5662.09	5.44	5667.94	1.65	0.65	
		210	0.0624		5661.55			5661.55	5661.27														
		200	0.0624		5660.93			5660.93	5660.65														
	PVT	192.45	0.0624		5660.46	0.32	0.00	5660.46	5660.18														
		182.45	0.0624		5660.83	0.32	0.04	5660.87	5660.59														
	SVC LOT 42	177.95	0.0624		5660.55	0.32	0.07	5660.63	5660.35	177.95				42	52.86	28	5664.52	5660.68	5.15	5665.53	1.36	0.36	
	SVC LOT 28	172.87	0.0624		5660.23	0.32	0.14	5660.37	5660.09	172.87				28	52.59	18	5664.05	5660.42	5.37				
		172.45	0.0624		5660.21	0.32	0.14	5660.35	5660.07														
	PVI	162.45	0.0624	5660.58	5660.58	0.32	0.32	5660.90	5660.62														
	PVI	162.45	0.02	5660.58	5660.58	0.32	0.32	5660.90	5660.62														
	SVC LOT 27	152.87	0.02		5660.39	0.32	0.15	5660.54	5660.26	152.87				27	51.53	18	5662.99	5660.59	5.80				
		152.45	0.02		5660.38	0.32	0.14	5660.52	5660.24														
	SVC LOT 43	147.95	0.02		5660.29	0.32	0.09	5660.36	5660.10	147.95				43	51.26	28	5662.92	5660.43	5.50	5664.28	1.71	0.71	
		142.45	0.02		5660.18	0.32	0.04	5660.22	5660.04														
		132.45	0.02		5660.98	0.32	0.00	5660.98	5660.70														
	PVC	130.72	0.02		5660.95	0.32	0.00	5660.95	5660.67														
		120	0.02		5660.73			5660.73	5660.45														
		110	0.02		5660.53			5660.53	5660.25														
		101.35	0.02		5660.36			5660.36	5660.08														
	SAS MH 2	92.35	0.02		5660.18			5660.18	5660.90	92.35 MH 2				48.30									
		90	0.02		5660.13			5660.13	5660.85														
		87.35	0.02		5660.08			5660.08	5660.80														

ELEVATIONS ARE EXPRESSED IN UNITED STATES SURVEY FEET, BASED ON THE NGV DATUM, 1929.



FLEXIBLE PAVEMENT SECTION, SECTIONS A-A AND B-B

RESIDENTIAL STREETS,
REFER TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS DRAWING 2405-A FOR PROFILE AND ADDITIONAL DETAILS ON THE STREET CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THE REQUIRED R VALUE FOR THE STREET EARTH MATERIALS IS OBTAINED USING IMPORTED FILL OR

WATER MAIN SHUT-OFF REQUIREMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF THE WATER MAIN SHUT-OFF.

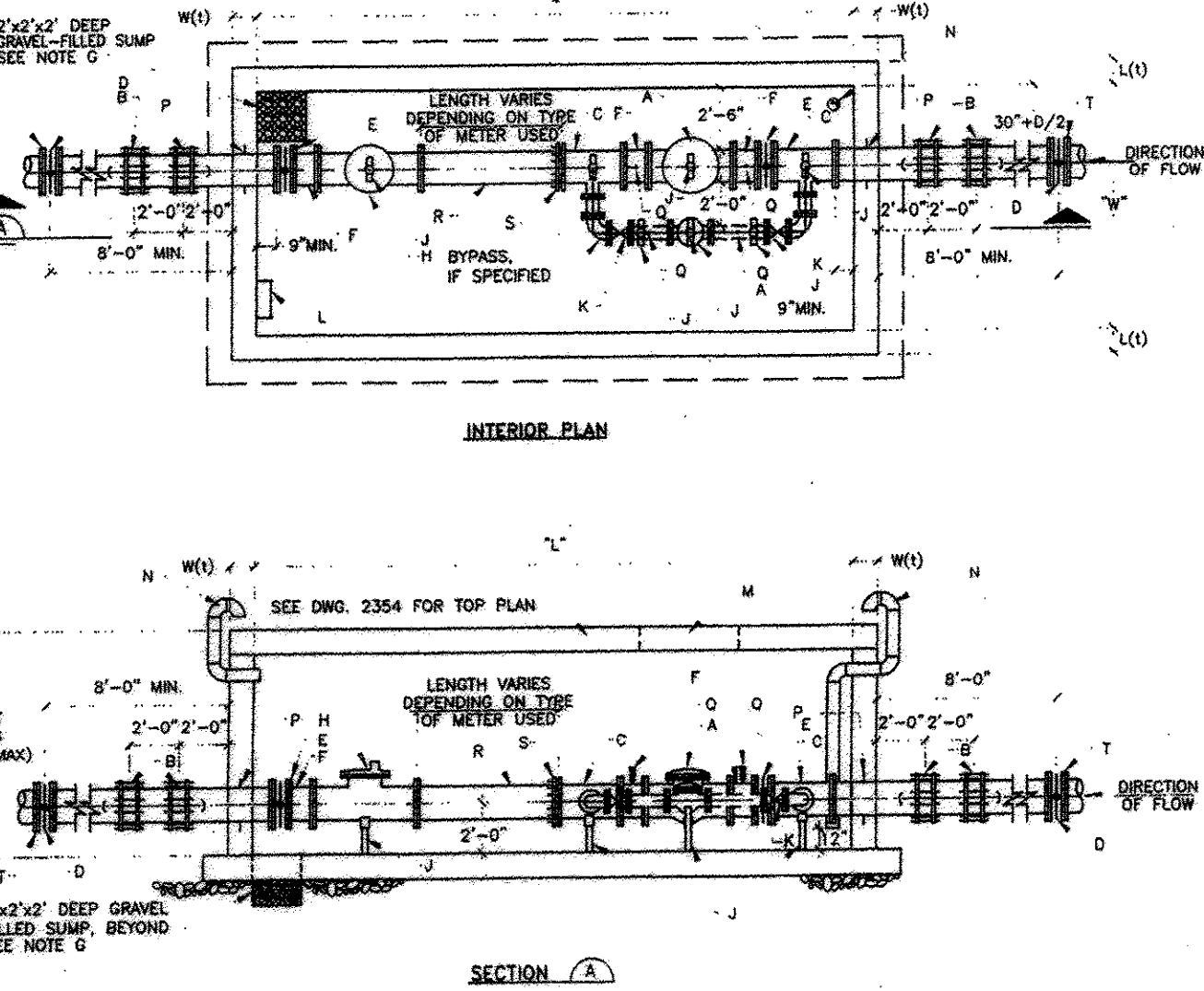
AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT THE PWD/WATER SYSTEMS DIVISION (857-8200) TO START THIS SHUT-OFF PLAN.

THE VALVES LISTED BELOW, AND SHOWN ON THE PLAN DRAWING MUST BE CLOSED PRIOR TO A NON-PRESSURE CONNECTION. VALVES ARE TO BE OPERATED ONLY BY CITY PERSONNEL.

- A. FOR CONNECTION TO THE 10" MAIN AT LANIER DRIVE STATION 5+70, OFFSET 5' RIGHT (WEST) REMOVE CAP AT THE END OF THE EXISTING 10" WATER MAIN. THE EXISTING 10" GATE VALVE (NO NUMBER ON RECORD) IS CLOSED, CHECK PIPE TO REMOVE ANY CONTAMINANTS.
- B. FOR CONNECTION TO THE EXISTING 8" WATER MAIN IN WATERFALL DRIVE.
- CLOSE THE FOLLOWING VALVES:
1. UNNUMBERED VALVE LOCATED SOUTH OF THE INTERSECTION OF WATERFALL DRIVE WITH CENTRAL AVENUE.
 2. TWO UNNUMBERED VALVES LOCATED IN WATERFALL DRIVE NEAR THE SOUTHEAST CORNER OF THE JEHOVAH'S WITNESS CHURCH PROPERTY.

INSTRUCTIONS FOR FLUSHING WATER MAINS:

- A. FOR WATER MAINS FROM THE INTERSECTION OF MOUNTAIN WEST COURT WITH LANIER DRIVE TO THE CONNECTION AT WATERFALL DRIVE:
- CLOSE THE VALVE AT LANIER DRIVE STATION 5+70 FLUSH LINES THROUGH THE FIRE HYDRANT AT THE CORNER OF MOUNTAIN WEST COURT AND LANIER DRIVE.
- B. FOR THE 10" WATER MAIN FROM THE INTERSECTION OF MOUNTAIN WEST COURT WITH LANIER DRIVE TO THE CONNECTION AT LANIER STATION 5+70:
- CLOSE SERVICE LINES TO LOTS 1 THROUGH 5 OF THE BREEZE AT MOUNTAIN GATE SUBDIVISION.
- CLOSE THE UNNUMBERED GATE 8" VALVE AT THE INTERSECTION OF WENONAH AVE (EAST) WITH LANIER AVE.
- CLOSE THE UNNUMBERED 10" GATE VALVE AT THE INTERSECTION OF WENONAH AVE (WEST) WITH LANIER DRIVE.
- FLUSH THE MAIN THROUGH THE FIRE HYDRANT LOCATED AT THE INTERSECTION OF WENONAH (EAST) WITH LANIER DRIVE.



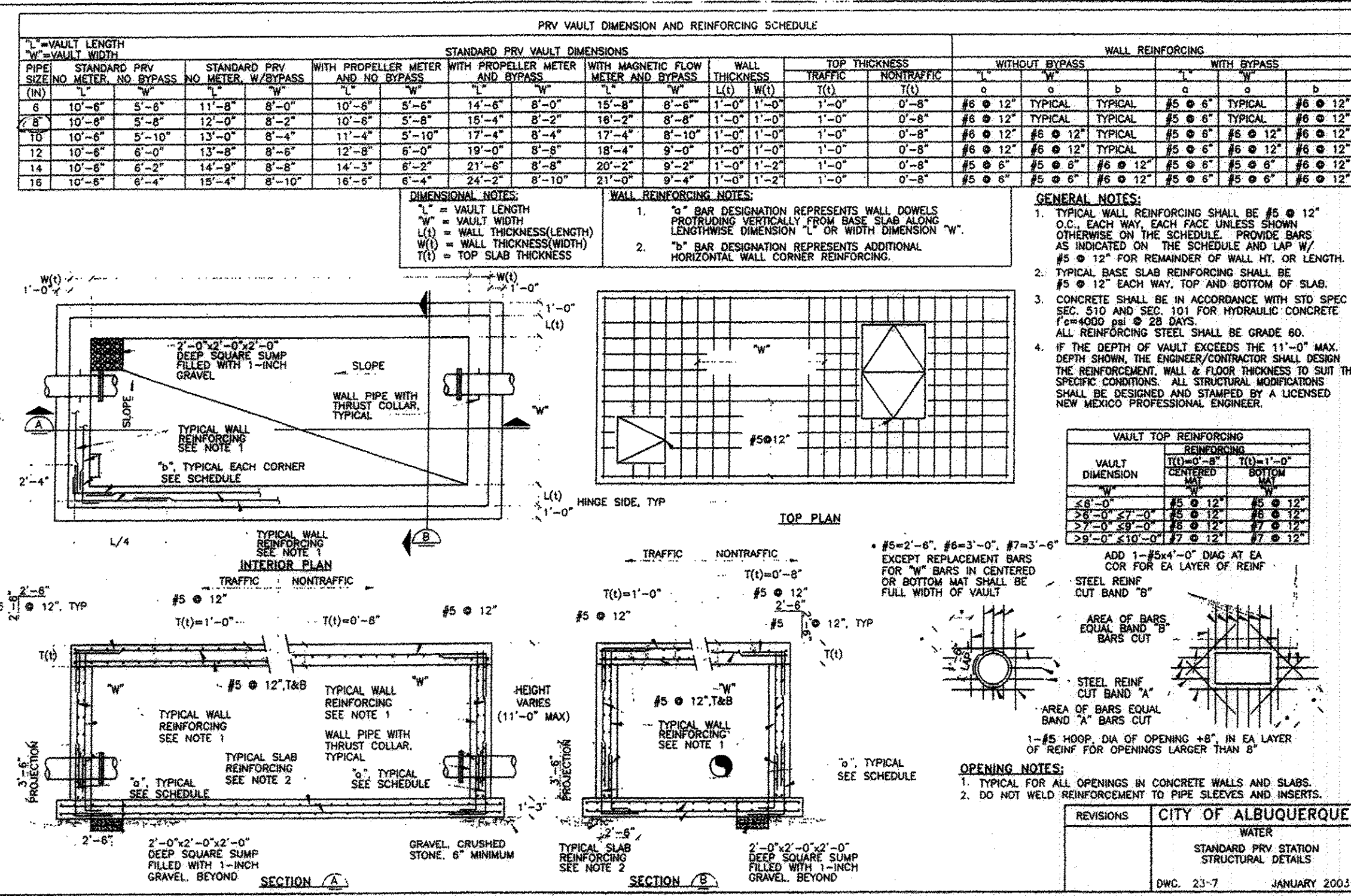
GENERAL NOTES:

1. FOR STRUCTURAL DETAILS, VAULT DIMENSIONS AND REINFORCING SEE STANDARD P.V. STATION STRUCTURAL DETAILS DWG. 2357
2. OR 3" PRESSURE REDUCING VALVE, CLA-VAL MODEL 690-01, GLOBE PATTERN, 30-300PSI ADJUSTMENT RANGE.
3. FLEXIBLE COUPLING WITH THRUST TIES. SEE THRUST TIE DETAIL ON DWG. 2358
4. FLANGED TEE, REQUIRED.
5. BURIED BUTTERFLY VALVE (GATE VALVE FOR SIZE < 14")
6. BUTTERFLY VALVE WITH HAND WHEEL OPERATOR (GATE VALVE FOR SIZE < 8"). REQUIRED ONLY WHEN BYPASS SPECIFIED
7. FLANGED SPOOL, LENGTH = 1'-0"
8. ASTM C33, NO. 57 GRAVEL
9. TURBO METER, INVENIS MODEL W-3500DR
10. ADJUSTABLE PIPE SADDLE SUPPORT, GRINNEL FIG. 264
11. ELCON FIG. 50, OR EQUAL
12. GATE VALVE WITH HAND WHEEL OPERATOR, REQUIRED ONLY IF BYPASS SPECIFIED
13. 1'-6" WIDE ALUMINUM LADDER W/LADDER UP SAFETY POST PER OSHA STANDARDS
14. ALUMINUM FLOOR DOOR WITH RECESSED HASP COVERED BY A HINGED LID FLUSH WITH TOP SURFACE. DOOR SIZE SHALL BE 4' x 6' DOUBLE LEAF (WITH BYPASS). HARDWARE AND HINGES SHALL BE 304 STAINLESS STEEL. BILCO TYPE JD, OR EQUAL
15. 6" STEEL PIPE W/GOOSENECK AND INSECT SCREEN
16. WALL PIPE WITH THRUST COLLAR, CENTER IN WALL
17. 1/2" PIPE TAP WITH 1/2" BALL VALVE AND CAP
18. D.I. SPOOL FLG. x P.E.
19. MECA FLANGE - FLANGE ADAPTOR, AS MANUFACTURED BY EBAA IRON SALES, OR APPROVED EQUAL
20. INSULATING FLANGE KIT

NOTE: CONSTRUCTION NOTES HAVE BEEN EDITED TO MEET PROJECT REQUIREMENTS

REVISIONS	CITY OF ALBUQUERQUE
1	STANDARD P.V. STATION WITH PROPELLER METER
	DWG. 2355 JANUARY 2003

SEE PLAN VIEW THIS SHEET FOR VAULT INTERIOR DIMENSIONS



RECORD DRAWING

MARVIN R. KORTUM, P.E.
Civil Engineer
NM PE 6519
1605 Speakman Drive, S.E.
Albuquerque, New Mexico 87123
(505) 299-0774

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: COVERED WAGON SUBDIVISION PRESSURE REDUCING STATION, WATER SHUTOFF PLAN, RESTRAINED JOINT NOTES	
Design Review Committee APPROVED DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED CITY ENGINEER
City Project No. 750781	Zone Map No. L-23
SHEET 24	OF 24