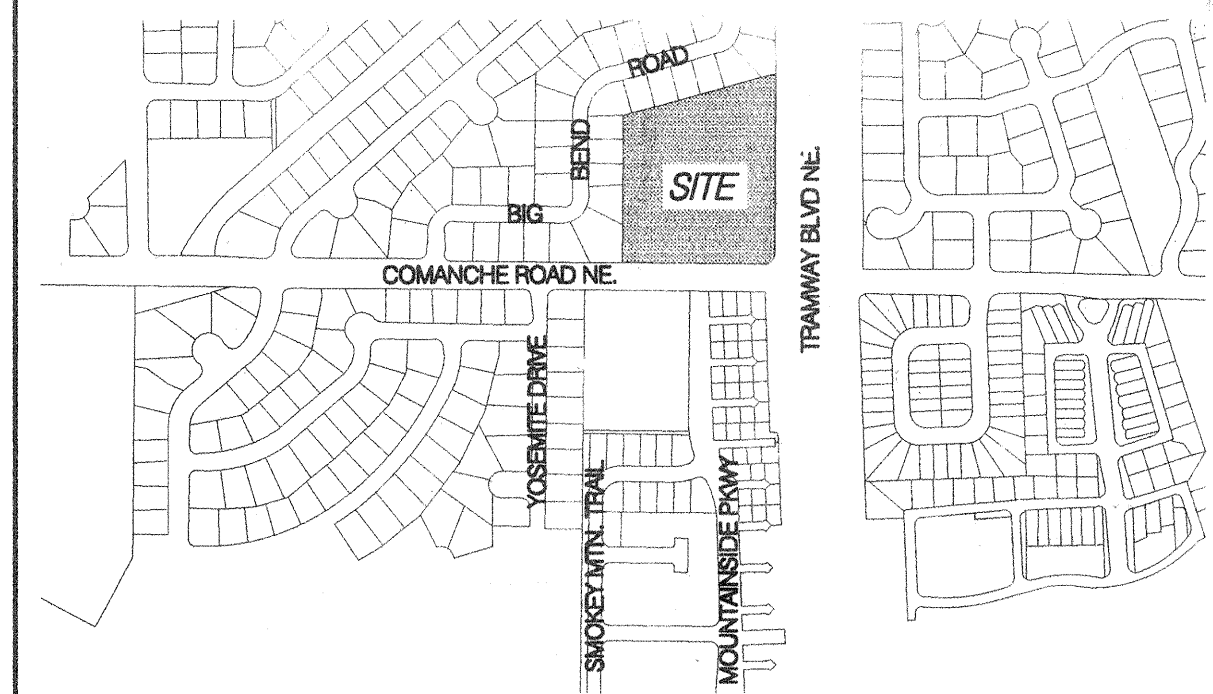


CONSTRUCTION PLANS FOR RIDGE POINTE SUBDIVISION ALBUQUERQUE, NEW MEXICO



VICINITY MAP
G-22-Z

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 2. 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 REVISED THROUGH UPDATE #5.
 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 4. 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULED. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
 7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
 8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
 10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- 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.
 - ☒ 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.
 - ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

INDEX

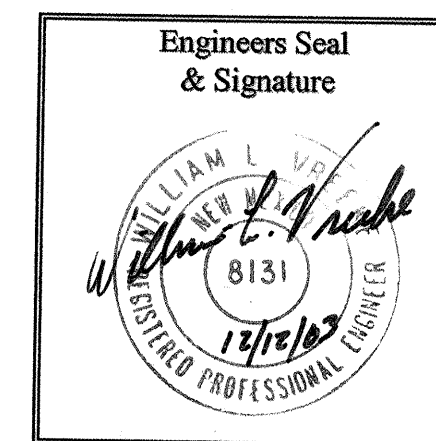
SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	PRELIMINARY PLAT
3	OVERALL GRADING PLAN
4	OVERALL PAVING PLAN
5 - 6	PAVING PLAN AND PROFILE SHEETS
7	OVERALL UTILITY PLAN
8 - 10	UTILITY PLAN AND PROFILE SHEETS
11-12	MISCELLANEOUS DETAILS AND TRAMWAY BLVD. TRAFFIC CONTROL
13	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
14	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF M.U.T.C.D.)

PAVING PLANS

SHEET NUMBER	DESCRIPTION
5 - 6	RIDGE POINTE LOOP PLAN AND PROFILE

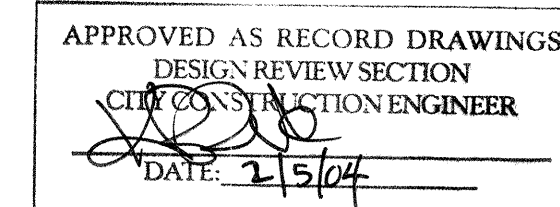
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, William L. Vreeke, P.E., of the firm of Bohannon Huston, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project (Ridge Pointe Subdivision - City Project No. 710781) has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by the contractor, Salls Brothers Construction and their surveyor, Steve Walker, NMPS 6401.



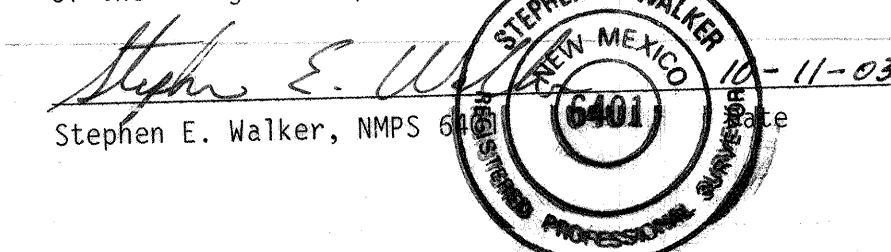
UTILITY PLANS

SHEET NUMBER	DESCRIPTION
8 - 9	RIDGE POINTE LOOP PLAN AND PROFILE
10	WATERLINE 'A' PLAN AND PROFILE



SURVEYOR'S CERTIFICATION

I, Stephen E. Walker, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the "As-Built" information shown on these drawings was obtained from field construction and "As-Built" information by me or under my supervision, that the "As-Built" information shown on these drawings was added by me or under my supervision, and that this "As-Built" information is true and correct to the best of my knowledge and belief. Walker Surveying Co. is not responsible for any of the design concepts; calculations, engineering, or intent of the record drawings.



CONSTRUCTION NOTES:

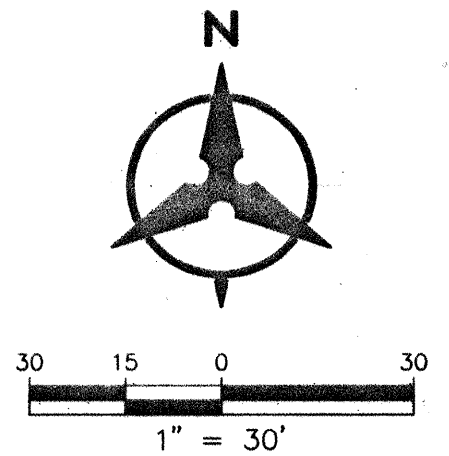
1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THEREOF SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

Bohannon Huston
Engineering & Spatial Data & Advanced Technologies
Courtney 1 7500 Jefferson St. NE Albuquerque, NM 87109-4535

1000234
DRB #100234

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman		6-5-03	APPROVED FOR CONSTRUCTION City Engineer Date 6-12-03		
		Transportation		6/19/03			
		Water/Wastewater		6/02/03			
		Hydrology		5-22-03			
		Parks		6-5-03			
City Project No.		710781	Sheet		1	Of 14	

PRELIMINARY PLAT FOR
RIDGE POINTE SUBDIVISION
SECTION 3, T. 10 N., R. 4 E., N.M.P.M.
ALBUQUERQUE NEW MEXICO
FEBRUARY 20, 2003



LEGAL DESCRIPTION

LOT A, BLOCK 1 HOLIDAY PARK, UNIT 10

GENERAL NOTES

- EXISTING ZONING: SU-1 FOR PRO MAXIMUM OF 60 DWELLING UNITS
PROPOSED DEVELOPMENT: SU-1 FOR PRO MAXIMUM OF 60 DWELLING UNITS
- PROPOSED NET ACREAGE 4.57 ACRES
NUMBER OF LOTS 41 D.U.
PROPOSED DENSITY 8.97 D.U./ACRE
- MIN. LOT DIMENSIONS: 28'x109' MIN.
MINIMUM LOT AREA 3052 SQ. FT.
- ALL STREETS, UTILITIES, AND STORM DRAIN IMPROVEMENTS AREA TO BE PUBLIC, AND TO BE DEDICATED TO THE CITY OF ALBUQUERQUE FOR MAINTENANCE.
- LOT SETBACKS SHALL CONFORM TO SU-1 ZONING REQUIREMENTS
- NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO COMANCHE ROAD NE, AND/OR TRAMWAY BLVD. NE.

SITE DATA

ZONE ATLAS NO.	G-22-Z
ZONING	SU-1 FOR PRO
MILES OF FULL WIDTH STREETS CREATED	0.26 MILES
NO. OF EXISTING PARCELS	1
NO. OF LOTS CREATED	41
DENSITY	8.97

SURVEY NOTES:

- ALL BOUNDARY CORNERS SHOWN (●) ARE FOUND REBAR W/CAP.
- ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T'S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS (▲) AND WILL BE MARKED BY (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED, DO NOT DISTURB PLS 6544".
- THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
- BASIS OF BEARINGS WILL BE NEW MEXICO STATE PLANE BEARINGS.
- DISTANCES SHALL BE GROUND DISTANCES.
- MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, TANGENCY STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.

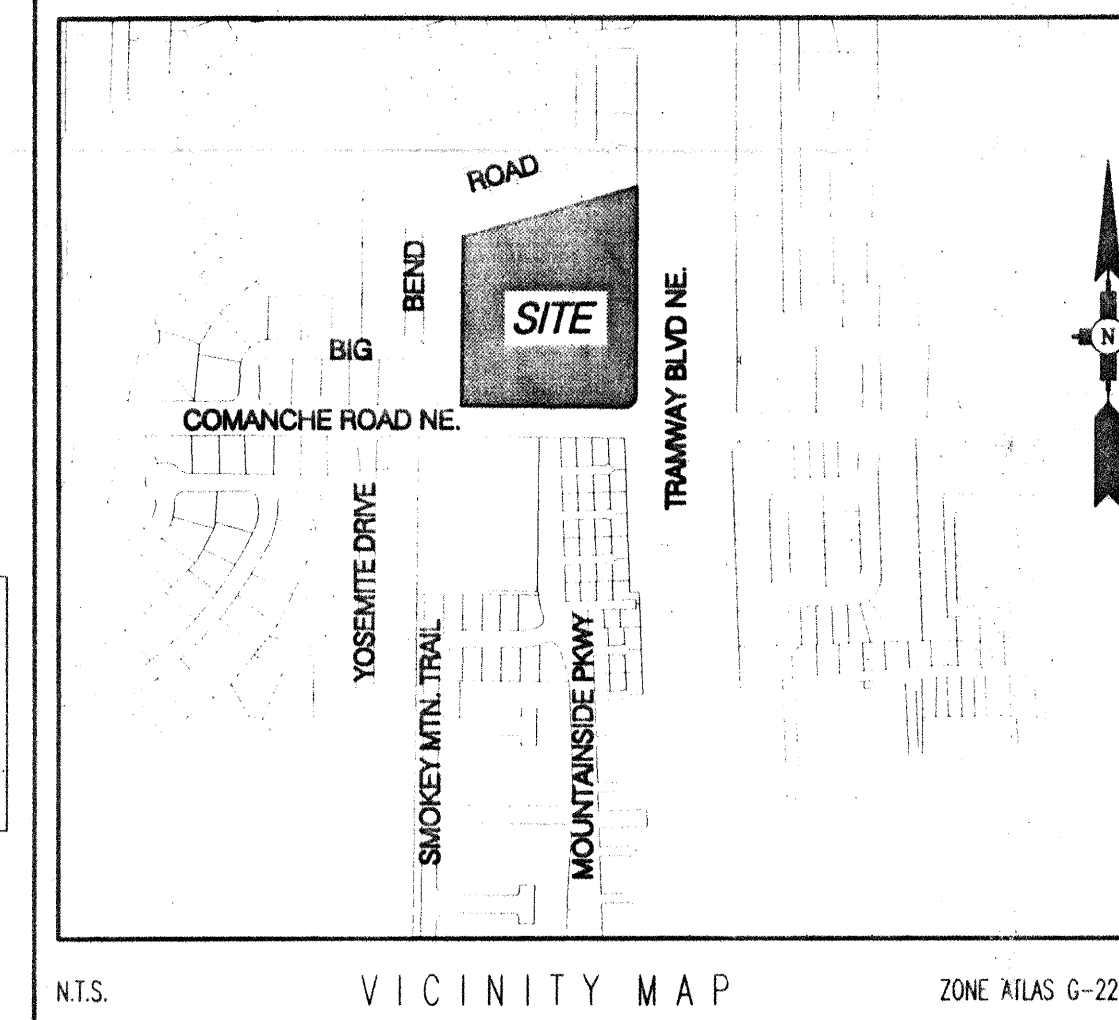
APPROVED FOR MONUMENTATION AND STREET NAMES

[Signature] 2-20-03
CITY SURVEYOR DATE

[Signature] 2/20/03
MIKE WILLIAMS DATE
OWNER

Bohannon & Huston

Courtyard 1 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



LEGEND

---	SUBDIVISION BOUNDARY LINE
---	EXISTING SUBDIVISION BOUNDARY
---	NEW LOT LINE
---	ADJOINING PROPERTY LINE
▲	CENTERLINE MONUMENT TO BE INSTALLED
△	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
---	EXISTING 20' ALLEY WAY TO BE VACATED PER THIS PLAT
---	EXISTING FENCE LINE

KEYED NOTES

- (A) 10' PUBLIC UTILITY EASEMENT

Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	97.02°	75.00'	74°07'15"	56.64'
C2	137.90°	75.00'	105°20'55"	98.36'
C3	104.80°	57.00'	105°20'55"	74.75'
C4	39.50°	25.00'	90°31'50"	25.23'

Tangent Table		
ID	BEARING	LENGTH
T1	N89°57'50"E	4.00'

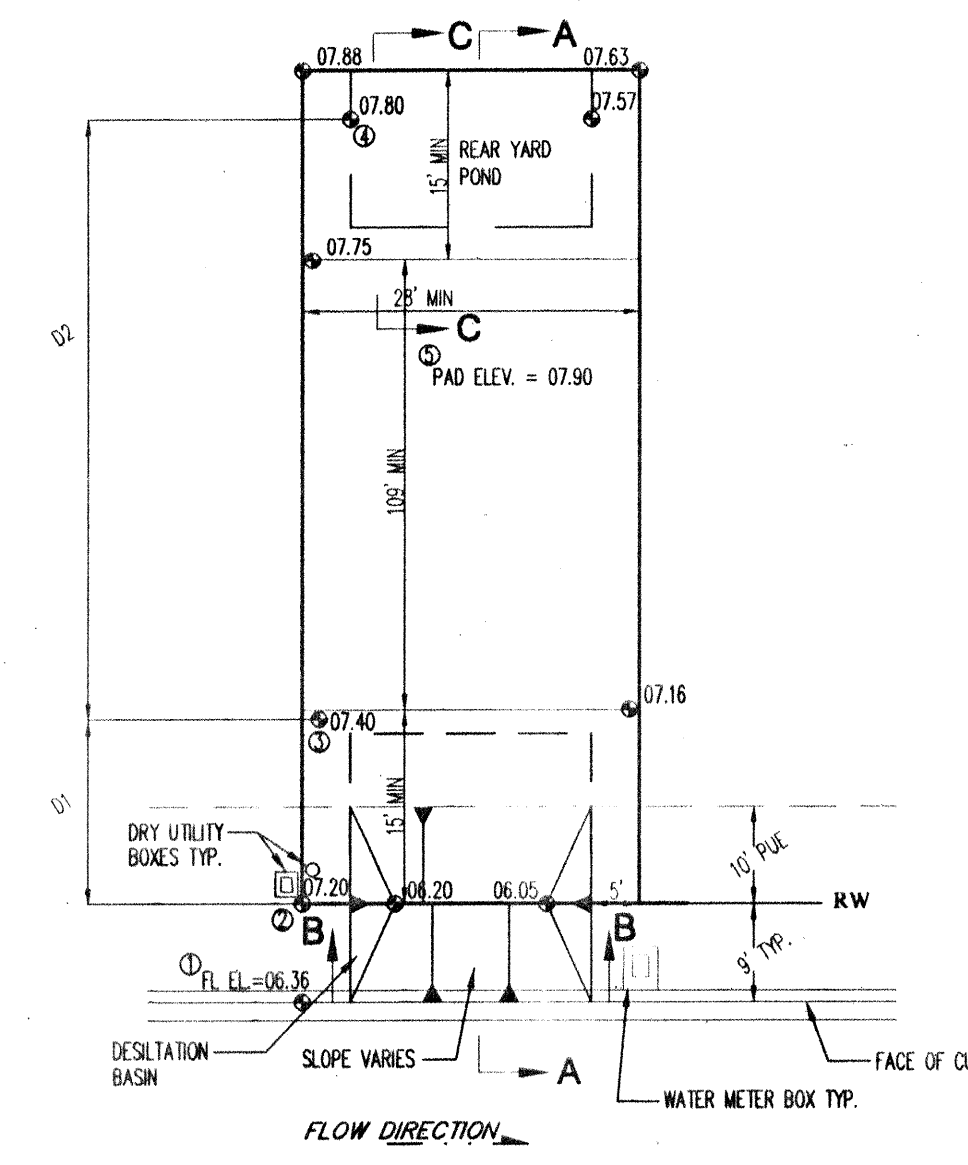
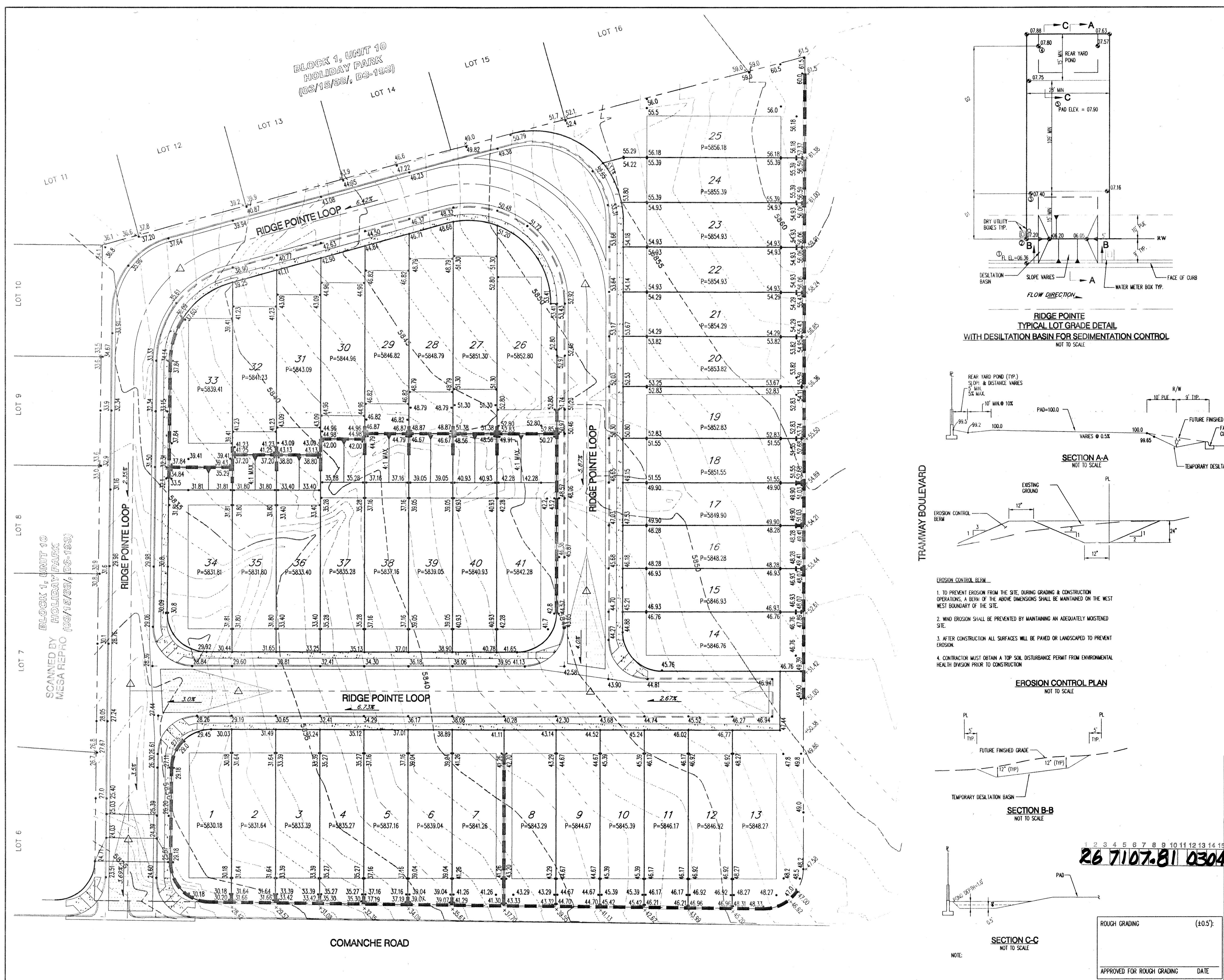
ACS BRASS TABLE STAMPED "2-G23" 1984
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 426,140.55 Y= 1,497,438.88
Ground-to-Grid Factor = 0.9996265
Δα = -00°08'31"
SLD 1929 Elevation = 5799.00

COMANCHE ROAD NE
(86' R/W)

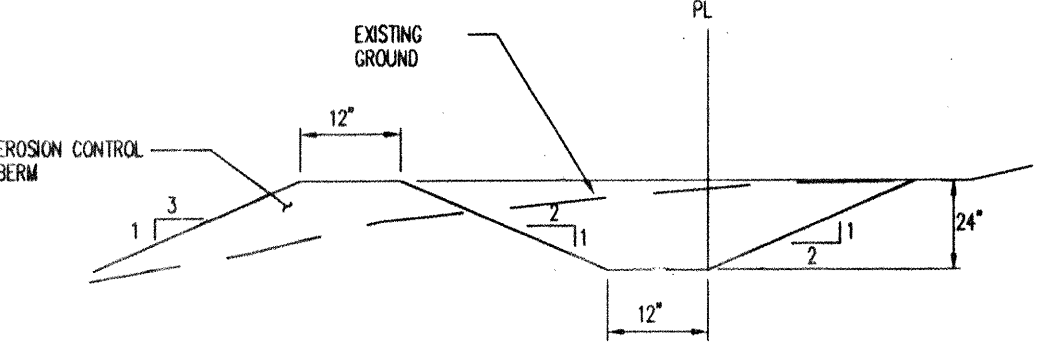
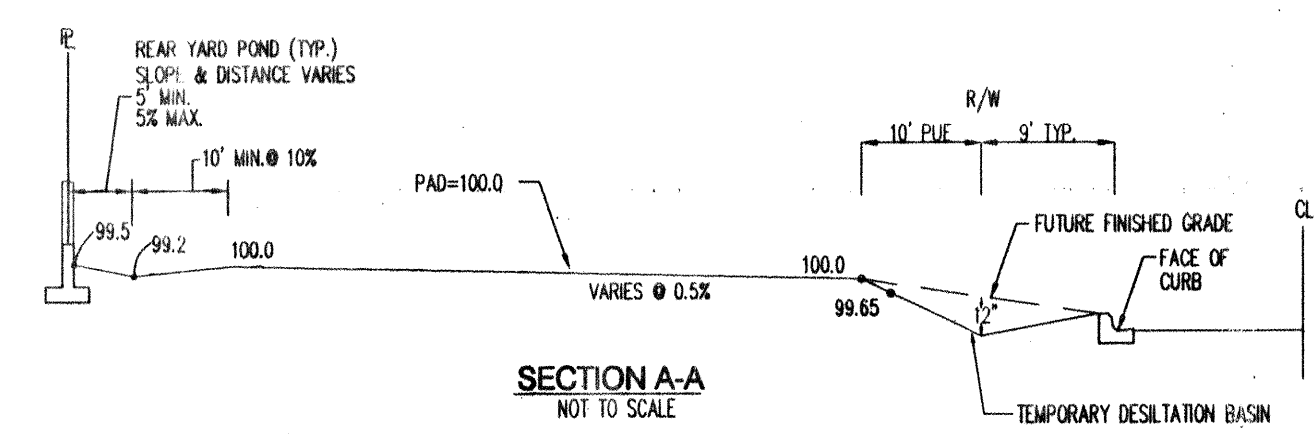
FOR INFORMATION ONLY

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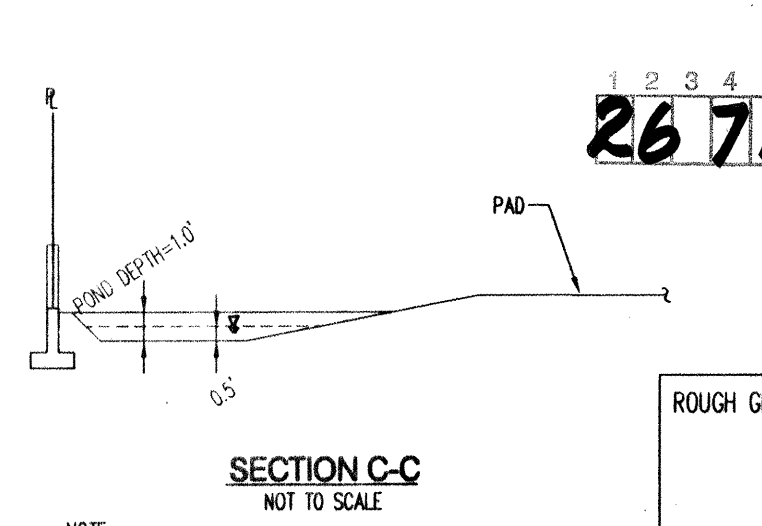
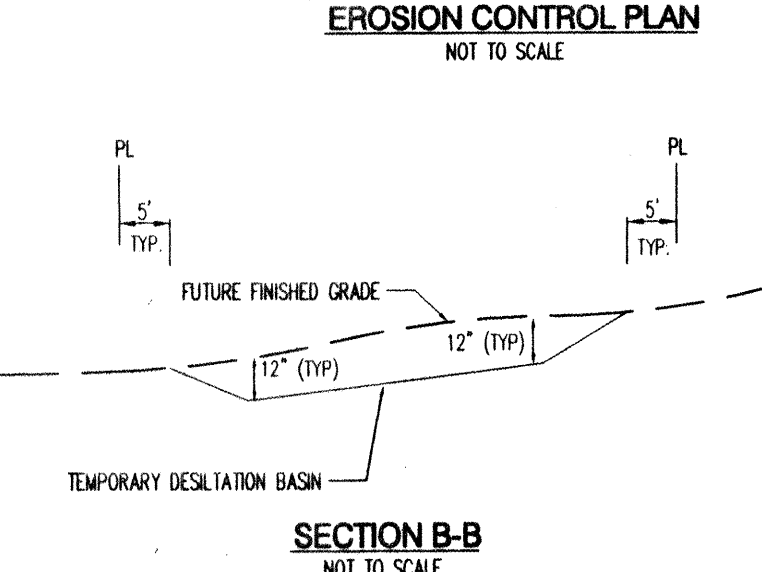
SHEET 2 OF 14



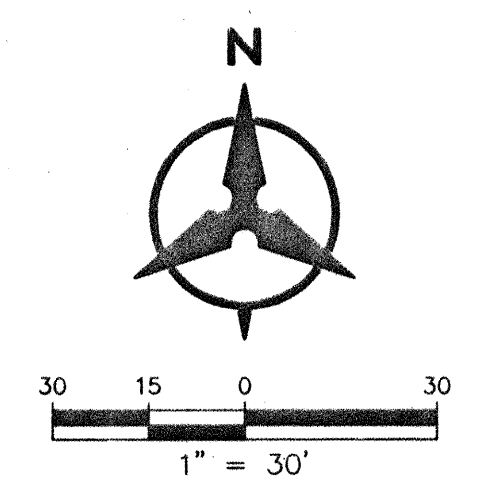
26
7107.81 0304



- EROSION CONTROL PLAN
NOT TO SCALE
1. TO PREVENT EROSION FROM THE SITE, DURING GRADING & CONSTRUCTION OPERATIONS, A BERM OF THE ABOVE DIMENSIONS SHALL BE MAINTAINED ON THE WEST WEST BOUNDARY OF THE SITE.
 2. WIND EROSION SHALL BE PREVENTED BY MAINTAINING AN ADEQUATELY MOISTENED SITE.
 3. AFTER CONSTRUCTION ALL SURFACES WILL BE PAVED OR LANDSCAPED TO PREVENT EROSION.
 4. CONTRACTOR MUST OBTAIN A TOP SOIL DISTURBANCE PERMIT FROM ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.



- GENERAL NOTES
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT, BY VINYARD & ASSOCIATES, INC. DATED MARCH 12, 2003.
 3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, THIS SHEET, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
 5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
 6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
 7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.



- NOTE: ALL LOTS SHALL HAVE REAR YARD PONDING
- NOTE:
1. CONTRACTOR IS TO MASS GRADE ROADS TO 2' BEYOND FUTURE CURB. EXCESS FROM DRY UTILITY TRENCH IS TO BE USED TO BACK FILL BEHIND CURB.
 2. FRONT YARDS ARE TO BE GRADED AS SHOWN ON THIS DETAIL FOR FINAL GRADING AND CERTIFICATION THIS DETAIL TO BE COORDINATED WITH.
 3. HOME BUILDER TO BRING FRONT YARD TO ULTIMATE FRONT YARD GRADES AFTER HOME CONSTRUCTION IS COMPLETED. SEE ULTIMATE FRONT YARD GRADING DETAIL ON THIS SHEET.

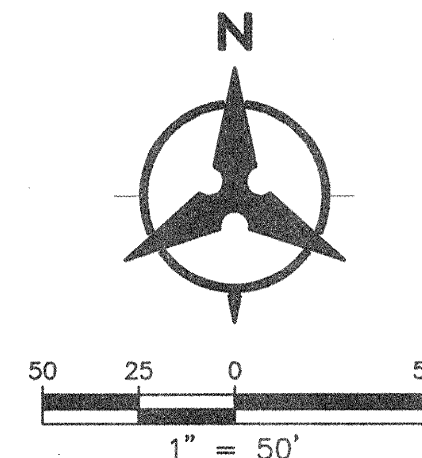
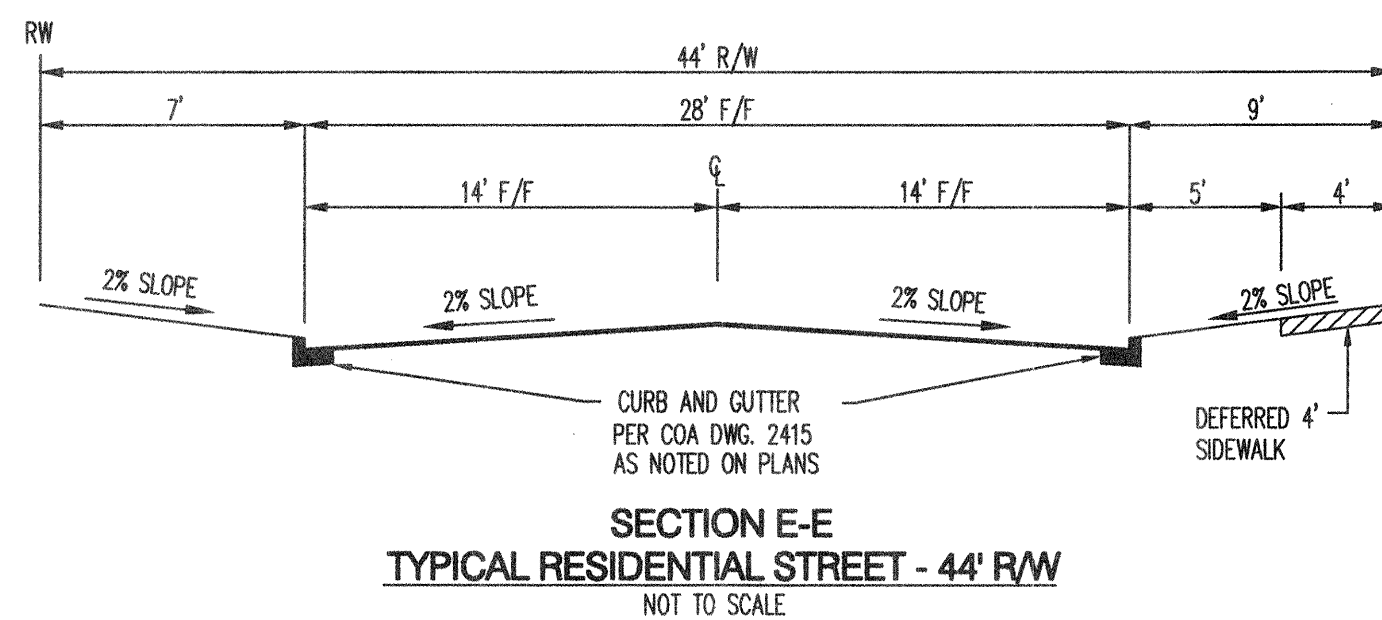
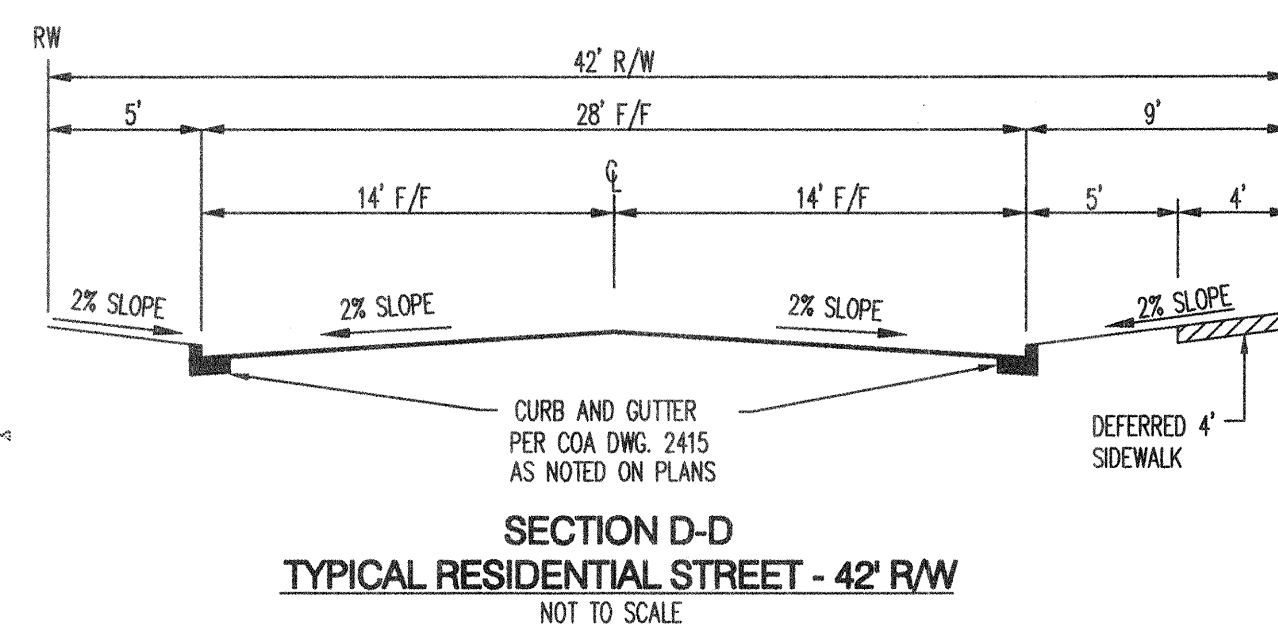
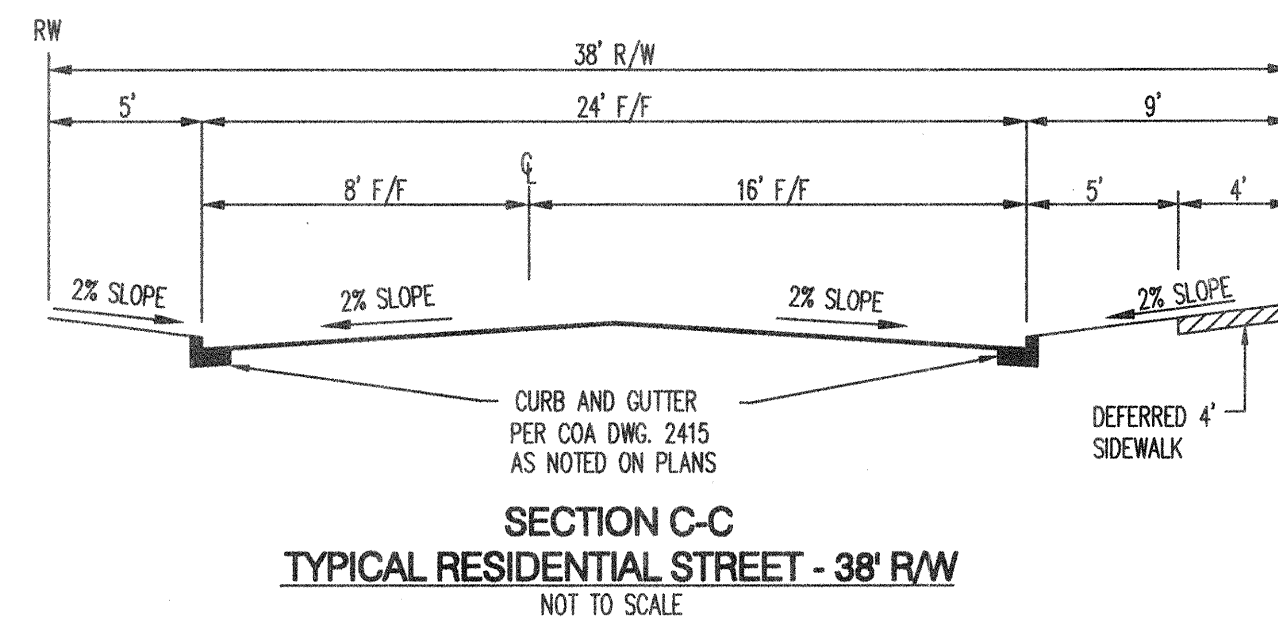
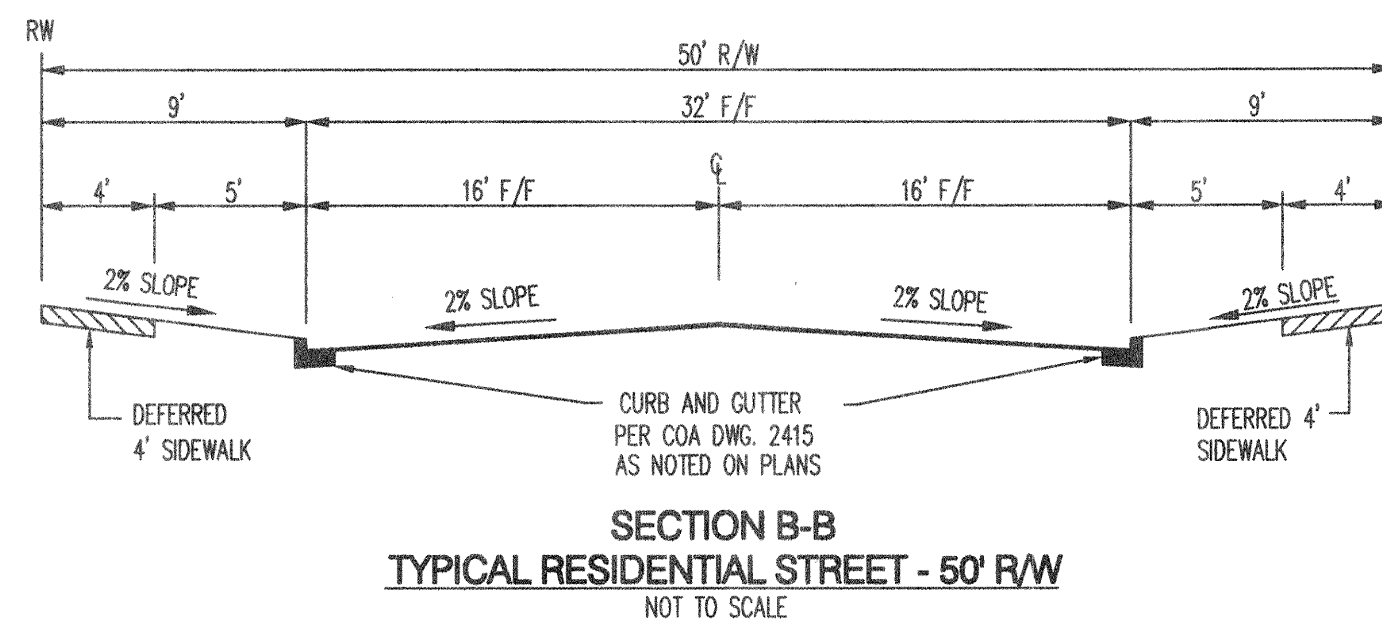
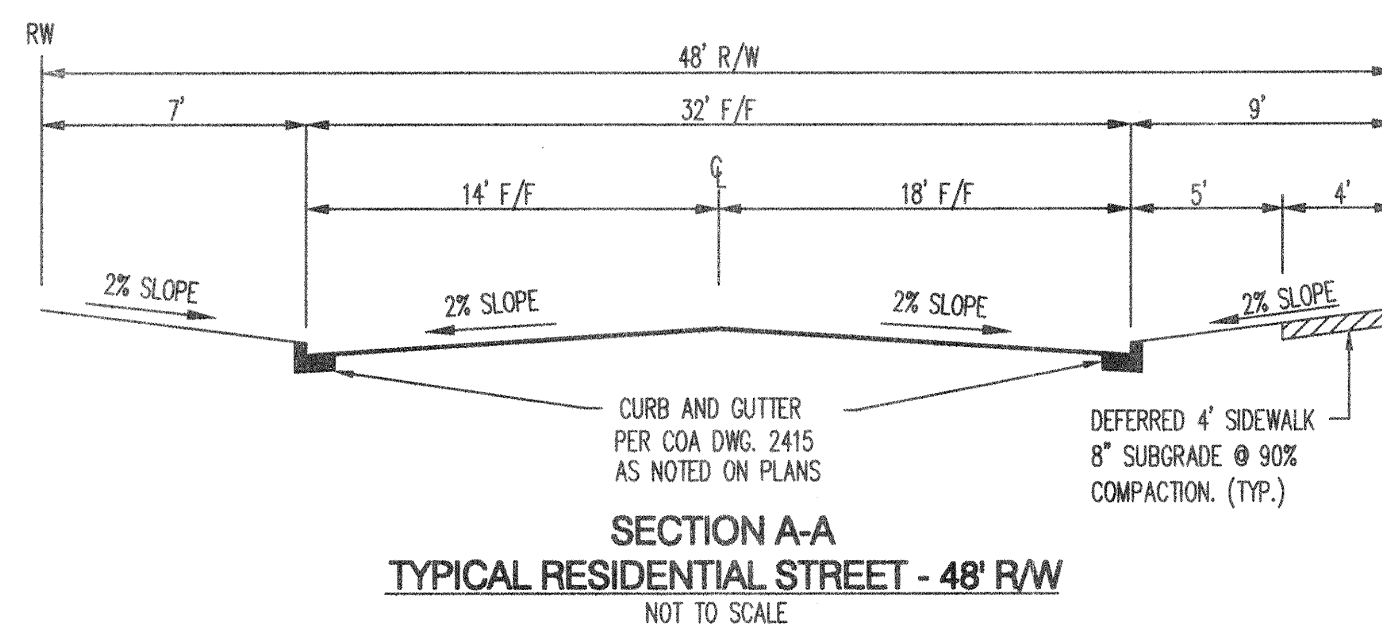
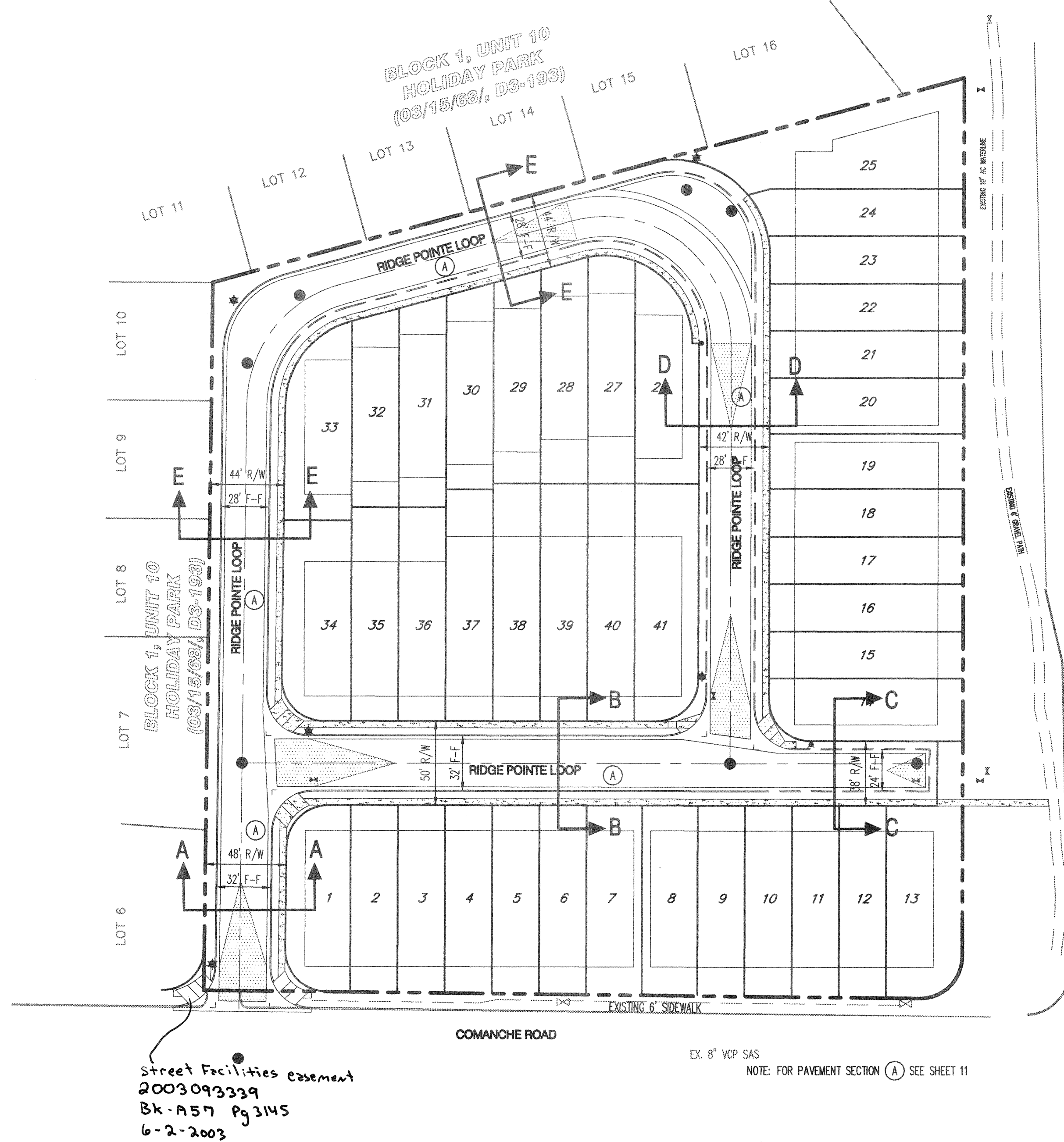
- LEGEND
- (91.62) FUTURE SPOT ELEVATION
 - 91.62 PROPOSED SPOT ELEVATION
 - × 52.46 EXISTING SPOT ELEVATION (GRID & TC)
 - EXISTING CURB & GUTTER
 - PROPOSED MOUNTABLE CURB & GUTTER
 - PROPOSED STANDARD CURB & GUTTER
 - EXISTING CONTOUR W/ INDEX ELEVATION
 - FLOW ARROW
 - PROPOSED RETAINING WALL
 - PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
 - PROPOSED SLOPE
 - PROPOSED STORM DRAIN
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN INLET
 - WALL DRAIN

Bohannon & Huston
Courtyard 1 7500 Jefferson St. NE Albuquerque, NM 87109-4335
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
RIDGE POINTE SUBDIVISION
GRADING AND EROSION CONTROL PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY			
City Project No.	Zone Map No.	Sheet	Of
1000234	G-11-Z		

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	ACS BRASS TABLET STAMPED "3-G23" 1984	DATE	NO.	BY	1468	1468	NO.	DATE
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	Geographic Position (NAD 1927)	DATE						
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	N.M. State Plane Coordinates (Central Zone)	DATE						
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	X = 426,072.10 Y = 1,500,295.60	DATE						
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	Ground-to-Grid Factor = 0.9996265	DATE						
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	ΔC = -00'08"32"	DATE						
BY: <i>W. J. Huston</i>	DATE: <i>Spring 03</i>	SLD 1929 Elevation = 5849.59	DATE						



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES, (C&G, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING C&G SHALL BE AS PER COA STD. DWG. 2415 (SAWOUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- DENOTES CROWN TRANSITION PER COA STD DWG. 2401.
- FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
- MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

LEGEND

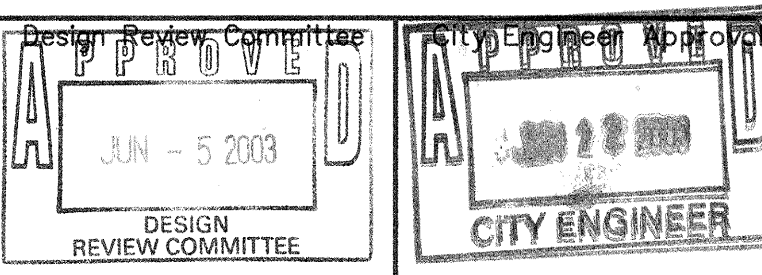
- EXISTING R/W LINE
- EXISTING CURB & GUTTER
- PROPOSED R/W LINE
- PROPERTY LINE
- PROPOSED CURB & GUTTER
- PROPOSED PHASE BOUNDARY
- EASEMENT
- PROPOSED STREET LIGHT
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- PROPOSED MAIN VALVE
- PROPOSED SAS MANHOLE
- PROPOSED WHEELCHAIR RAMP

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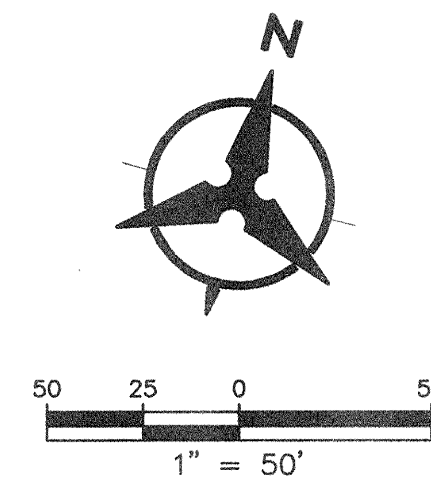
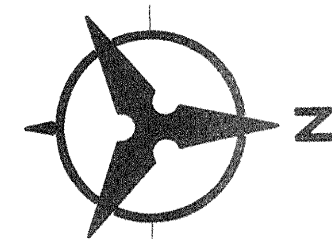
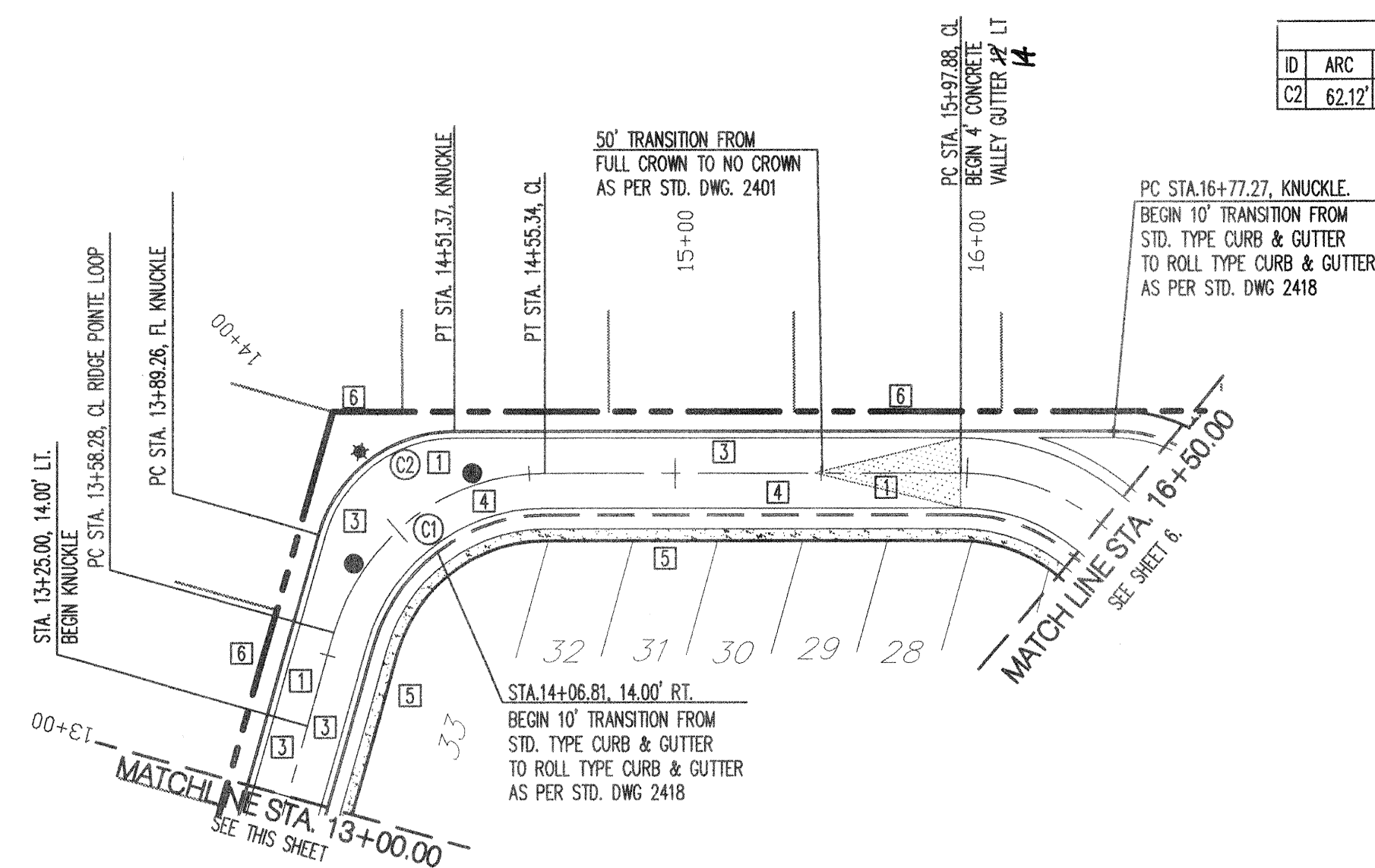
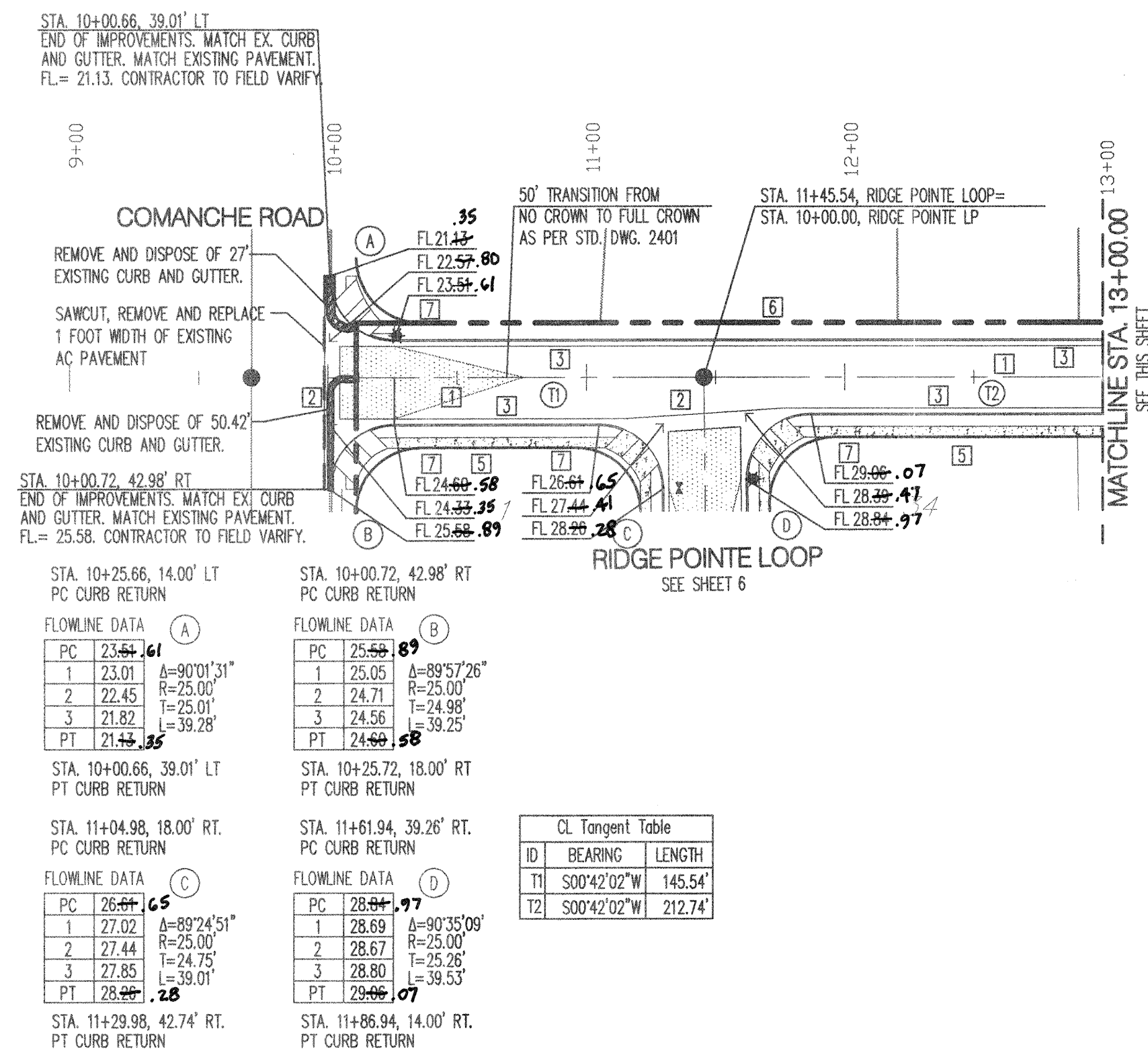
**RIDGE POINTE SUBDIVISION
OVERALL PAVING PLAN**



City Project No. 710781 Zone Map No. G-22-Z Sheet 4 of 14

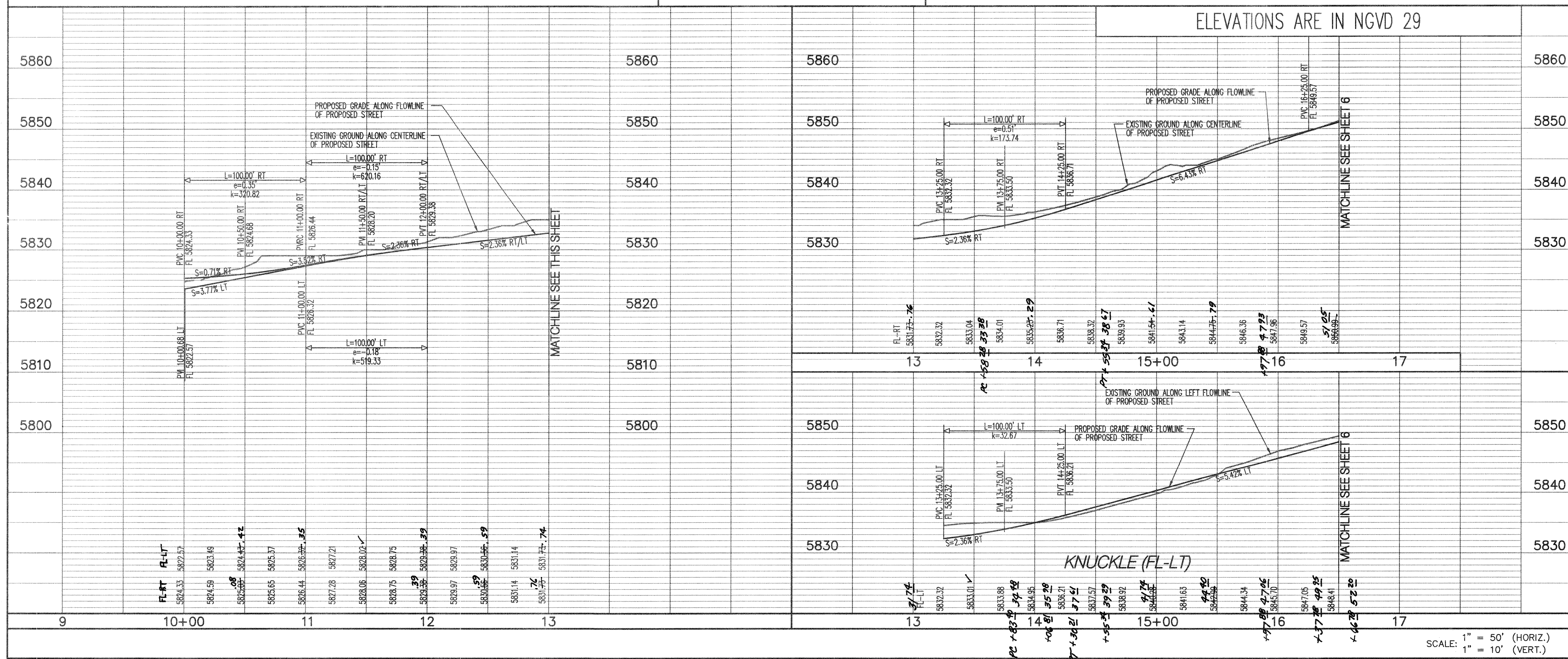
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	DATE	STAMPED	STAMPED	NO.	BY	NO.	BY	No.	Date	By	Date
Walker Surveying	03/15/03	ACS BRASS TABLET	"3-623" 1984	6801	STEPHEN E. WALKER	6801	STEPHEN E. WALKER	1	03/15/03	SJS	03/15/03
Walker Surveying	03/15/03	Geographic Position (NAD 1927)	N.M. State Plane Coordinates (Central Zone)					2	03/15/03	DH	03/15/03
Walker Surveying	03/15/03	N.M. State Plane Coordinates (Central Zone)	X= 426,072.10 Y= 1,500,295.60					3	03/15/03	SJS	03/15/03
Walker Surveying	03/15/03	Ground-to-Grid Factor = 0.9996265	ΔG = -00'08"32"					4	03/15/03	SJS	03/15/03
Walker Surveying	03/15/03	Microfilm Information	SID 1929 Elevation = 5849.59								

26 7107.81 0404



RIDGE POINTE LOOP

ELEVATIONS ARE IN NGVD 29



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADI SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x 4"x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
11. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAW CUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

KEYED NOTES

- ① BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL SECTION, SHEET 11.
- ② INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
- ③ BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415.
- ④ BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415.
- ⑤ 4' SIDEWALK, DEFERRED.
- ⑥ NO SIDEWALK ON THIS SIDE, WAIVED.
- ⑦ INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 11.
- * ⑧ INSTALL SPECIAL HANDICAP RAMP PER DETAIL "B" SEE SHEET 11.
- * ⑨ INSTALL 4" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2421. SEE SHEET 11.

* NOT USED THIS SHEET.

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RIDGE POINTE SUBDIVISION
PAVING PLAN AND PROFILE
RIDGE POINTE LOOP

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City Project No.	710781	Zone Map No.	G-22-Z	Sheet	5	Of	14
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ENGINEER'S SEAL	SURVEY INFORMATION	BENCH MARKS	AS-BUILT INFORMATION
	NO. 10-12-08 FIELD NOTES AS-BUILT (HORIZONTAL & VERTICAL LOCATION ONLY)	ACS BRASS TABLET STAMPED "3-G23" 1984 Geographic Position (NAD 1927) N.M. State Plane Coordinates (Central Zone) X= 426,072.10 Y= 1,500,295.60 Ground-to-Grid Factor = 0.9996265 $\Delta\alpha = -00^{\circ}08'32''$ SLD 1929 Elevation = 5849.59	CONTRACTOR <u>Sells Bros.</u> DATE <u>Spring 1984</u> DESIGNED BY <u>Walker Surveying</u> INSPECTOR'S NAME BY <u>A.H. Mills</u> DATE <u>10/3</u> FIELD VERIFICATION BY <u>Walker Surveying</u> DATE <u>10/63</u> CORRECTED BY <u>WALKER</u> MICROFILM INFORMATION RECORDED BY _____ DATE _____ NO. _____

By	
DATE: 04/03	
DATE: 04/03	

REMARKS
REVISIONS
DESIGN

No.	Date
-----	------

Designed By: SJS

Drawn By: SJS

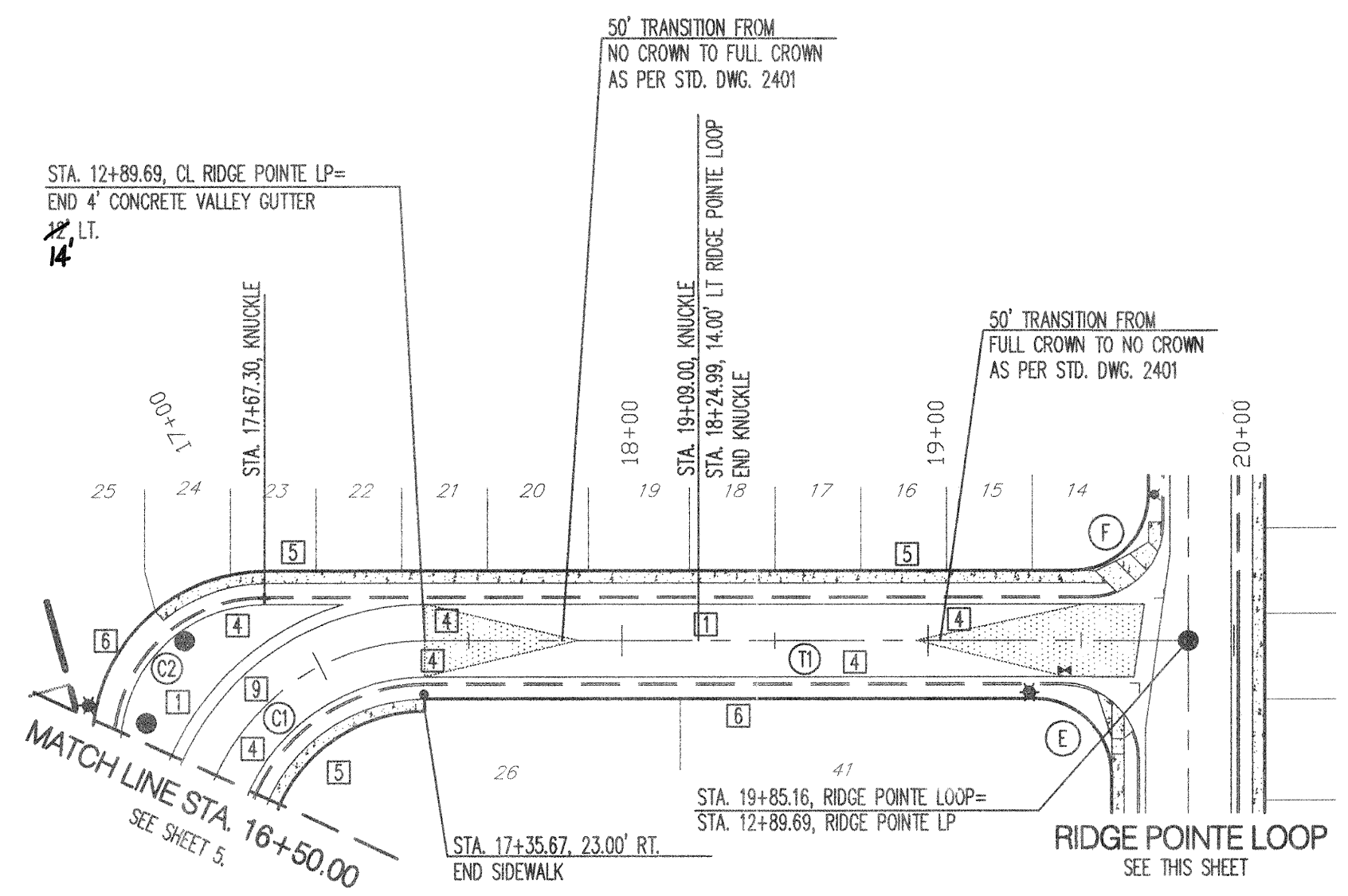
Mo./Day/Yr.	Mo./Day/Yr.

Sheet	Of
5	14

CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	137.79	75.00	105°15'55"	98.21

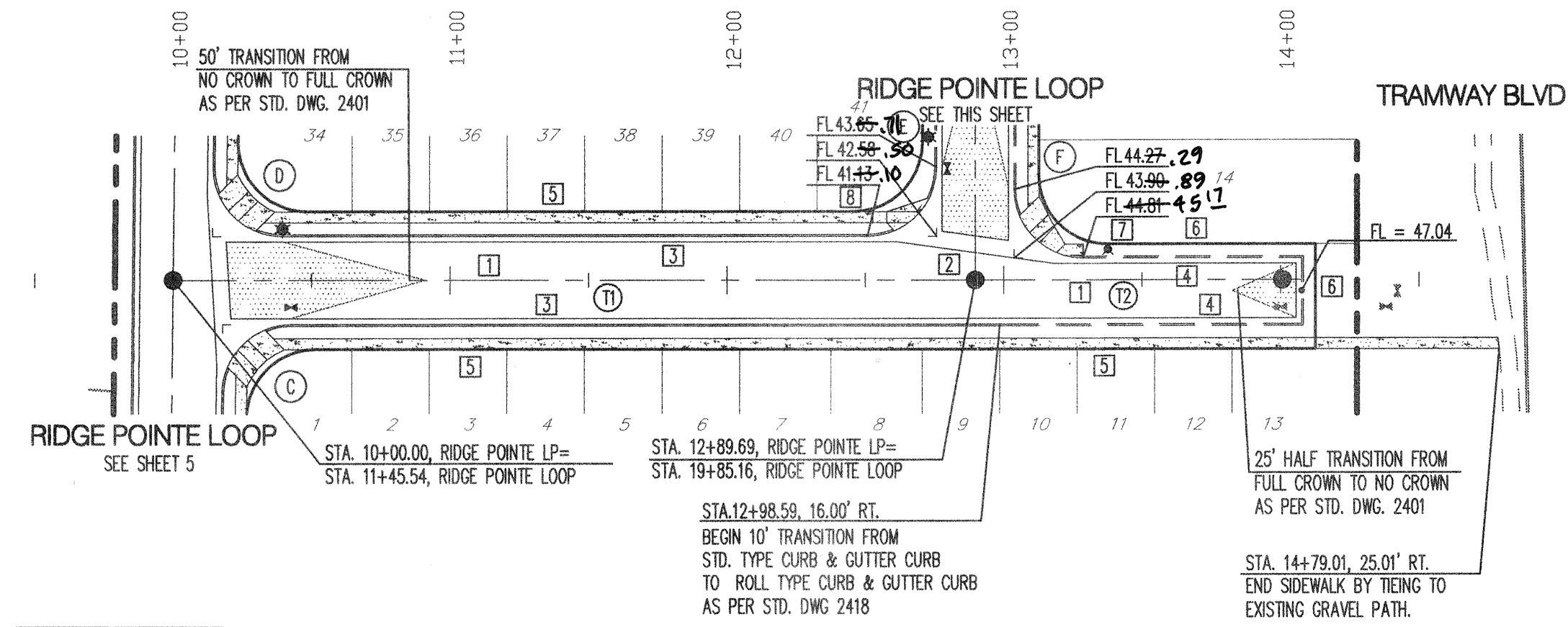
CL Tangent Table				
ID	BEARING	LENGTH		
T1	N00°06'54"E	249.49		

Curb Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C2	90.02	49.00	105°15'55"	64.17

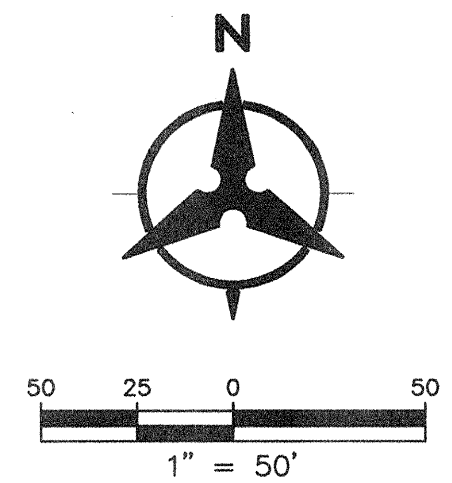
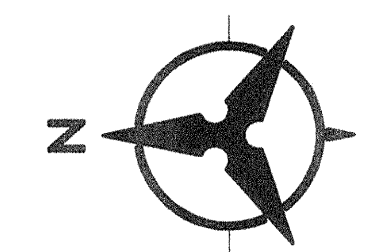


FLOWLINE DATA				
PC	PT	PI	LC	LC
1	43.09	44.44	44.44	44.44
2	42.49	44.22	44.22	44.22
3	41.83	44.17	44.17	44.17
PT	41.45	44.10	44.10	44.10

FLOWLINE DATA				
PC	PT	PI	LC	LC
1	44.44	44.44	44.44	44.44
2	44.22	44.22	44.22	44.22
3	44.17	44.17	44.17	44.17
PT	44.27	44.29	44.29	44.29

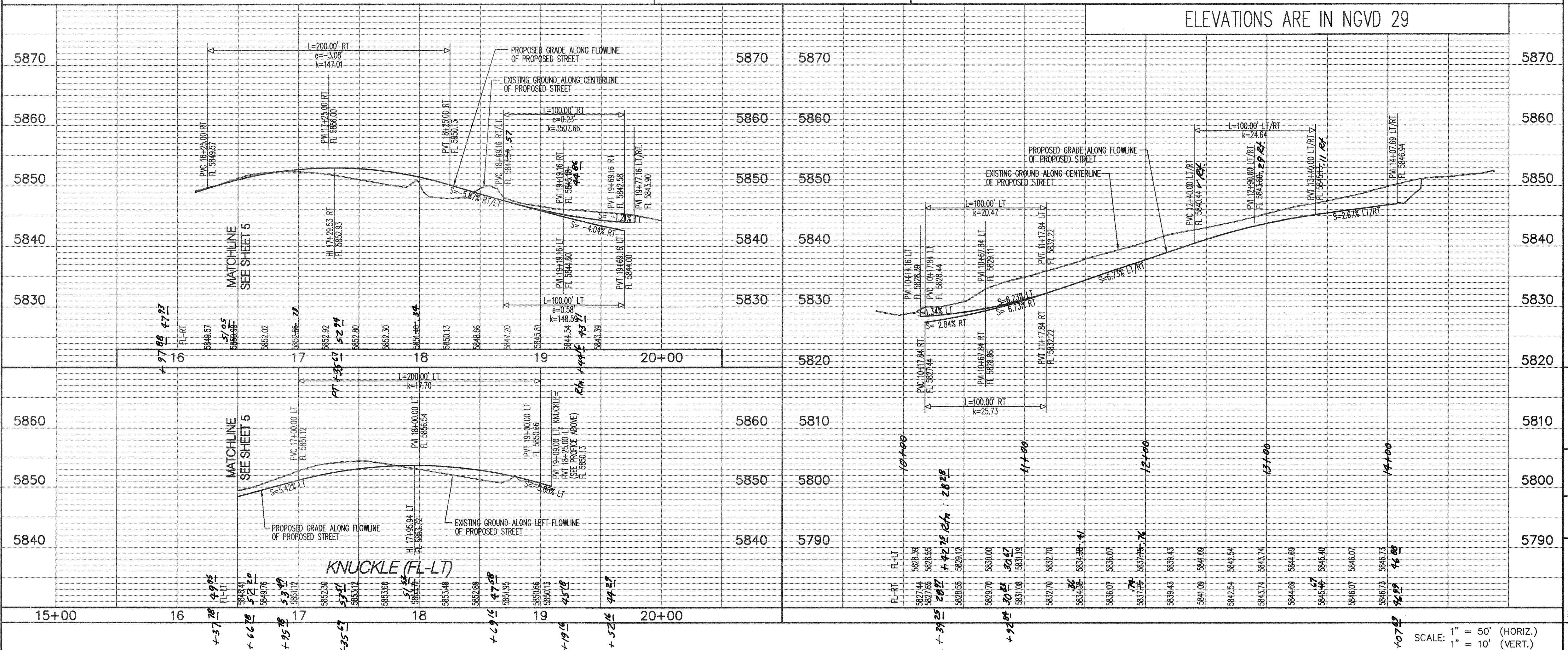


CL Tangent Table	
ID	BEARING
T1	N89°53'06"W
T2	N89°53'06"W



RIDGE POINTE LOOP

ELEVATIONS ARE IN NGVD 29



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x 4"x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 11. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAW CUT ONLY).
 12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

KEYED NOTES

1. BUILD RESIDENTIAL PAVEMENT PER RESIDENTIAL SECTION, SHEET 11.
2. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415.
4. BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415.
5. 4' SIDEWALK, DEFERRED.
6. NO SIDEWALK ON THIS SIDE, WAIVED.
7. INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 11.
8. INSTALL SPECIAL HANDICAP RAMP PER DETAIL "B" SEE SHEET 11.
9. INSTALL 4" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2421. SEE SHEET 11.

26 7/07.81 0604

* NOT USED THIS SHEET.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

RIDGE POINTE SUBDIVISION
PAVING PLAN AND PROFILE
RIDGE POINTE LOOP

Design Review Committee
APPROVED
JUN - 5 2003
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
JUN 12 2003
CITY ENGINEER

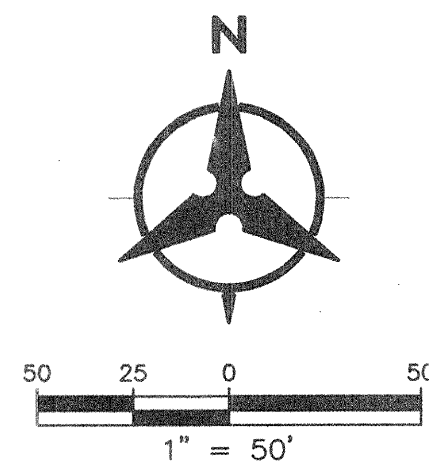
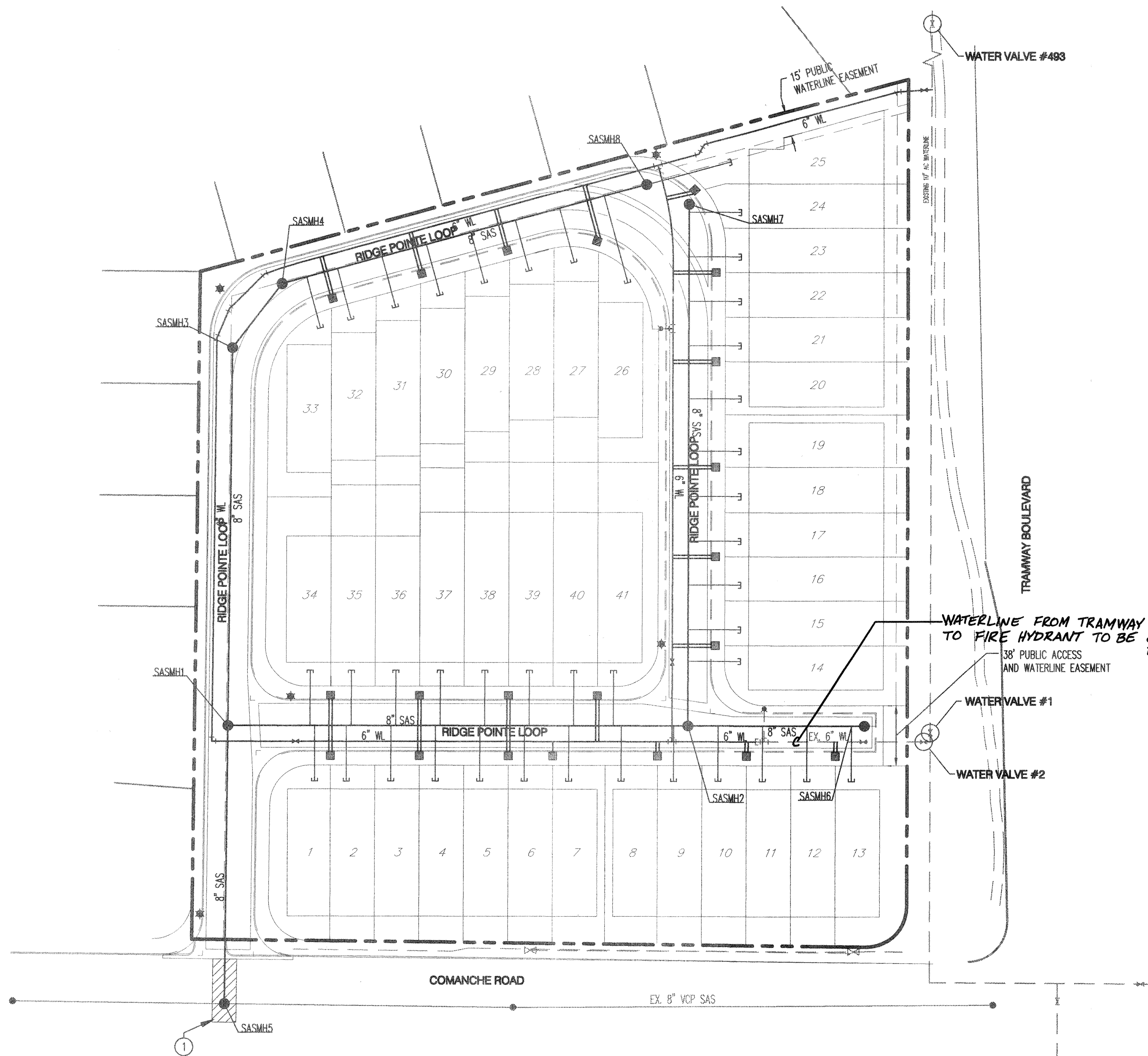
City Project No. 710781
Zone Map No. G-22-Z
Sheet 6 of 14

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	REVISIONS	REMARKS
ACS BRASS	TABLET STAMPED "3-623" 1984						
Geographic Position	(NAD 1927)						
N.M. State Plane Coordinates	(Central Zone)						
X=	426,072.10	Y=	1,500,295.60				
Ground-to-Grid Factor	= 0.9996265						
ΔC =	-00'08"32"						
SID 1929	Elevation = 5849.59						

10-12-03

DESIGNED BY: SJS
DRAWN BY: DH
CHECKED BY: SJS

DATE: 04/03
DATE: 04/03
DATE: 04/03



KEYED NOTES

- ① SAW-CUT, REMOVE AND DISPOSE APPROXIMATELY 70 SQ YD. OF EXISTING PAVEMENT TO INSTALL SANITARY SEWER. REPLACE WITH ARTERIAL PAVEMENT PER STD. DWG. 2465.

RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED		
	(4')	(6')	(8')
6" X 6" X 6" TEE		7	
45° BEND		9	
11.25° BEND		2	
22.5° BEND		5	
90° BEND		25	
VALVE/DEAD END		55	

NOTE:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS, UNLESS SPECIFIED DIFFERENTLY IN THE PLANS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE ACCOMPANYING TABLE.
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

MATERIALS:

SAS LINE: SDR-35 PVC
WATER LINE: C900-PVC

WATER SHUT-OFF PLAN:

FOR CONNECTION VALVE CLOSED
TRAMWAY BOULEVARD VALVES # 493, 1, 2

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT CITY OF ALBUQUERQUE TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESIS) OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
- FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
- ALL WATERLINE APPURTENANCES SHALL USE BLOCKING.
- FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

LEGEND

—	PROPERTY LINE
—	NEW EASEMENT
EX. SAS	EXISTING SANITARY SEWER
EX. WL	EXISTING WATER LINE
—	EXISTING STORM DRAIN
—	EXISTING WATER METER
—	EXISTING CAP
—	EXISTING VALVE
—	EXISTING FIRE HYDRANT
—	EXISTING SANITARY SEWER MANHOLE
—	EXISTING STORM DRAIN
SAS	PROPOSED SANITARY SEWER
WL	PROPOSED WATER LINE
—	PROPOSED VALVE
—	PROPOSED HYDRANT
—	PROPOSED CAP
—	PROPOSED WATER METER
—	PROPOSED SANITARY SEWER MANHOLE
—	PROPOSED STORM DRAIN
—	PROPOSED STREET LIGHT

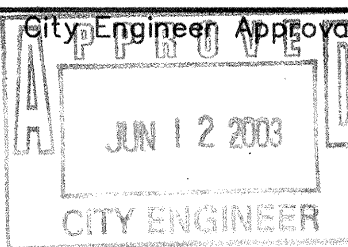
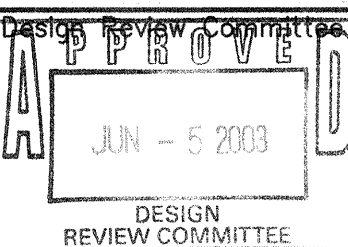
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**RIDGE POINTE SUBDIVISION
OVERALL UTILITY PLAN**

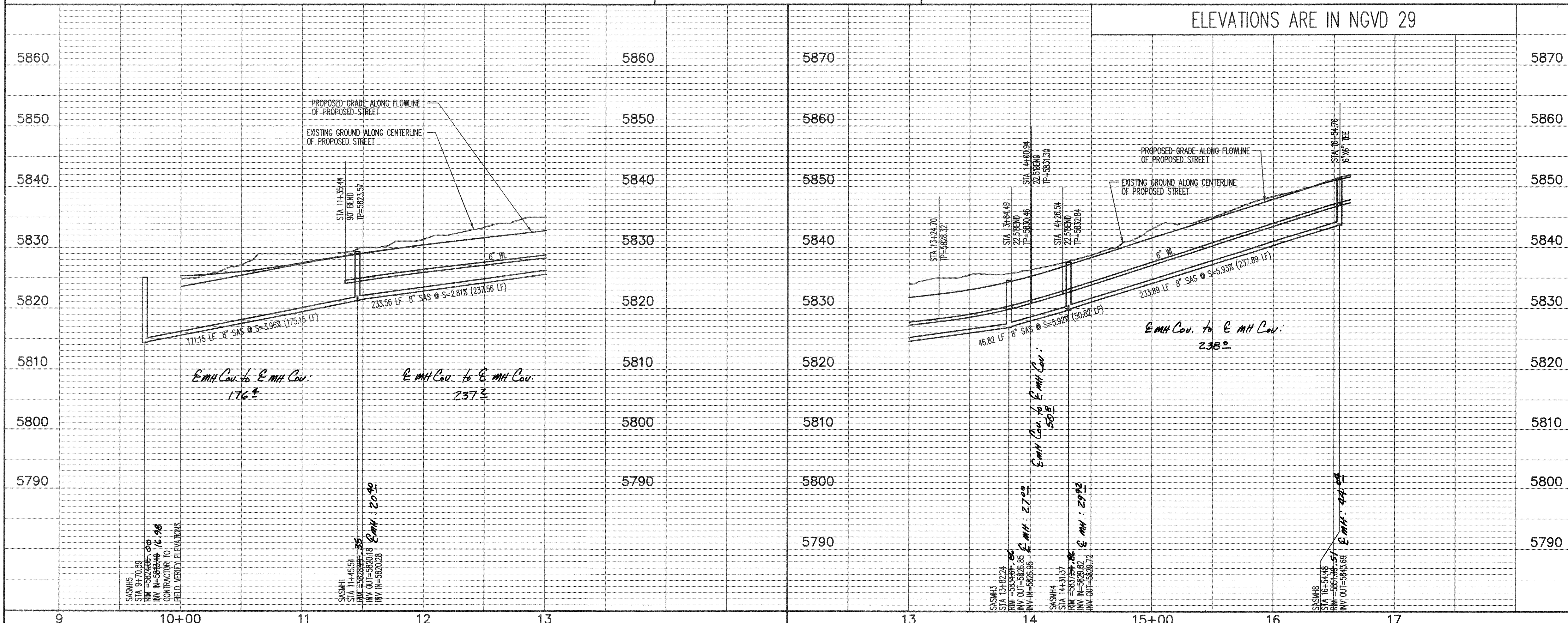
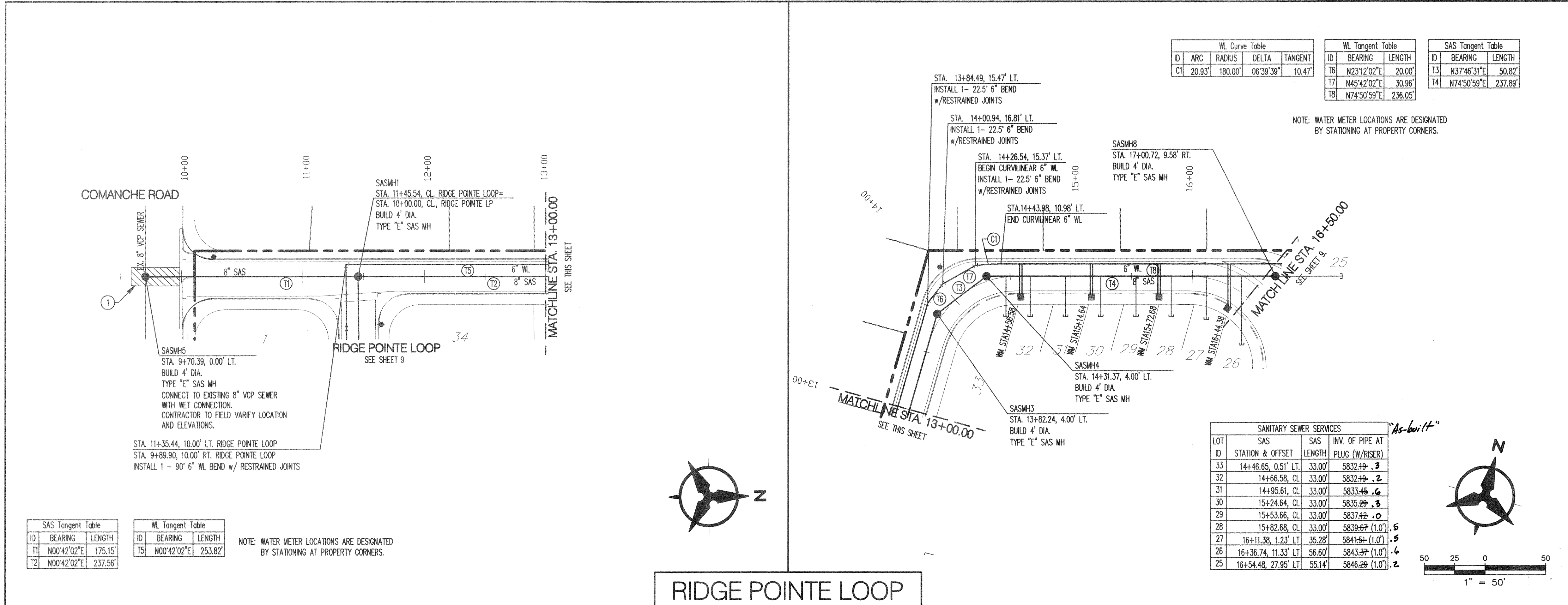


City Project No. **710781**

Zone Map No. **G-22-Z**

Sheet **7** Of **14**

26 710781 0704



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
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- MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
- STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
- FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
- ALL WATERLINE APPURTENANCES SHALL USE BLOCKING.
- FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

KEYED NOTES

- SAW-CUT, REMOVE AND DISPOSE APPROXIMATELY 70 SQ YD. OF EXISTING PAVEMENT TO INSTALL SANITARY SEWER. REPLACE WITH ARTERIAL PAVEMENT PER STD. DWG. 2465.

All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE SHUTOFF VALVE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 7107.81 0804

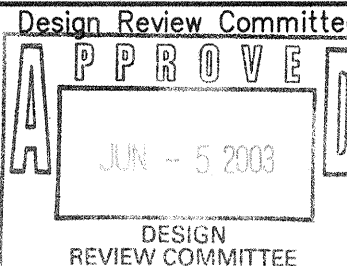
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PUBLIC WORKS DEPARTMENT**

**RIDGE POINTE SUBDIVISION
UTILITY PLAN AND PROFILE
RIDGE POINTE LOOP**



City Project No.

Zone Map No.

Sheet

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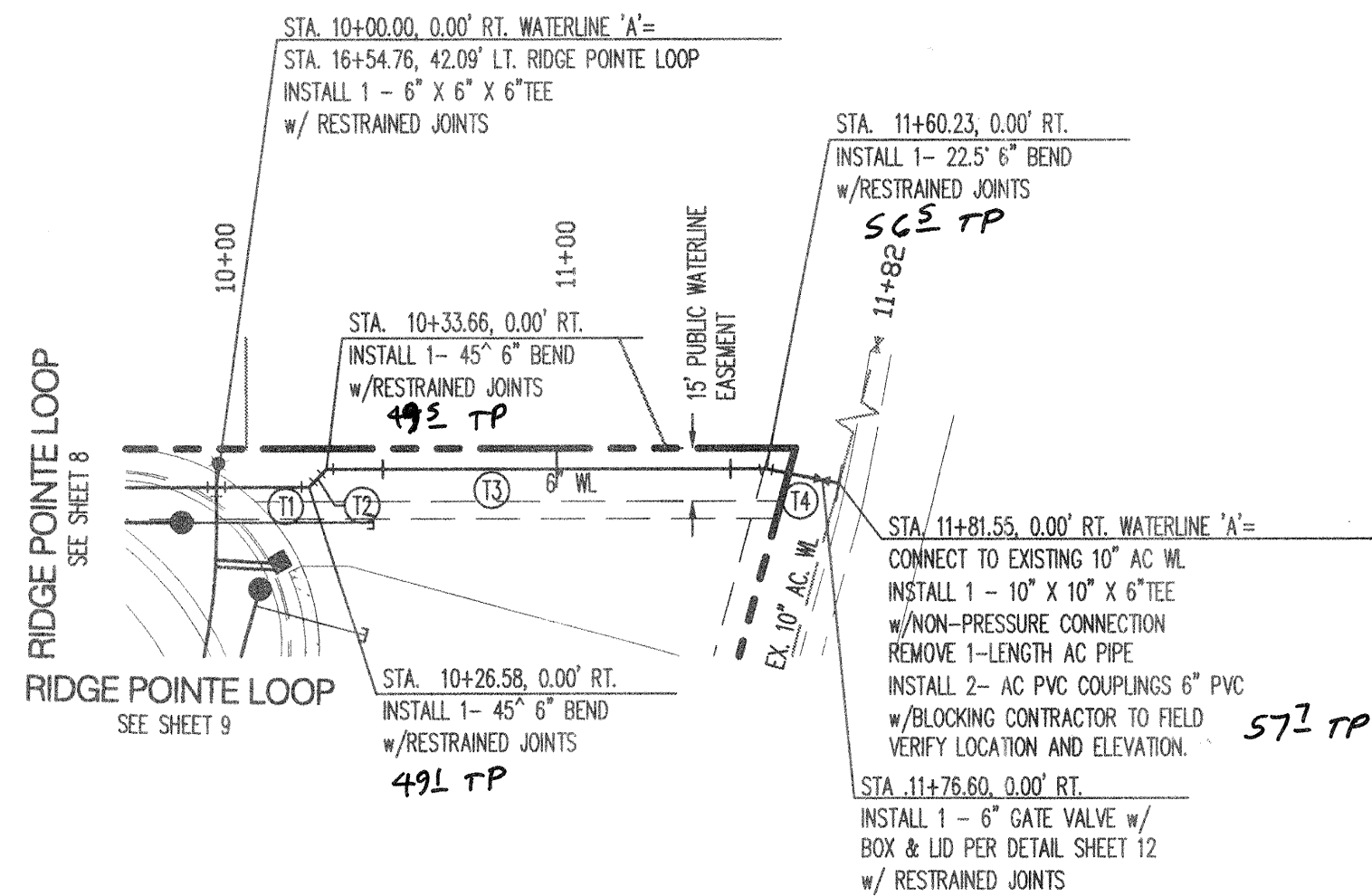
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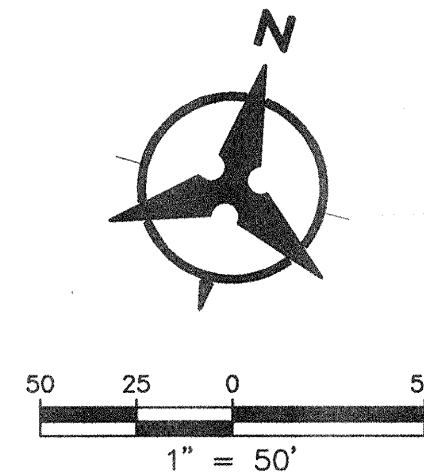
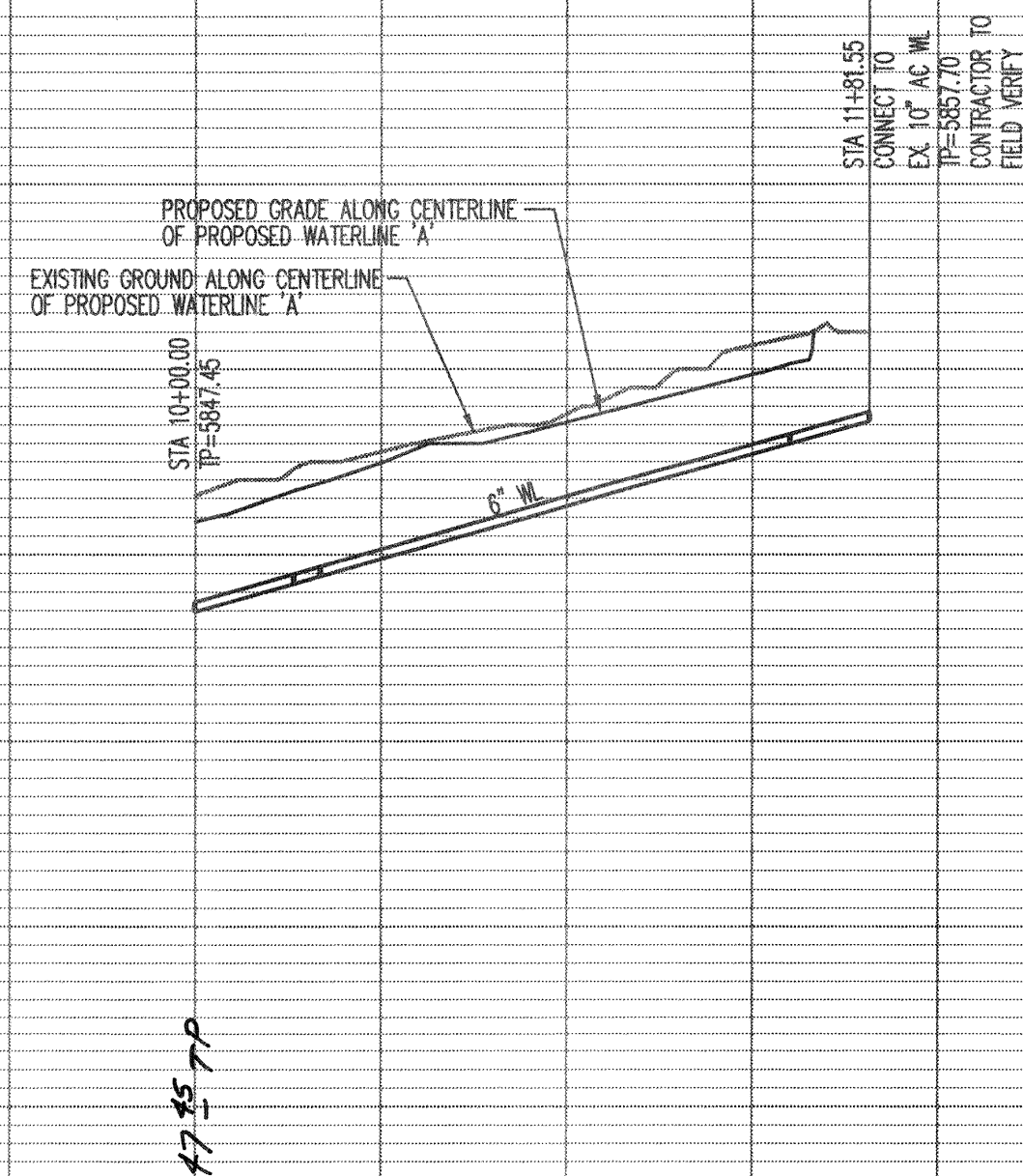
SCANNED BY
MESA REPRO



ID	BEARING	LENGTH
10		
11	N74°50'59"E	26.58'
12	N29°50'59"E	7.07'
13	N74°50'59"E	126.58'
14	N86°05'59"E	21.32'

WATERLINE 'A'

ELEVATIONS ARE IN NGVD 29



LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE SHUTOFF VALVE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

26 7/07.81 1004

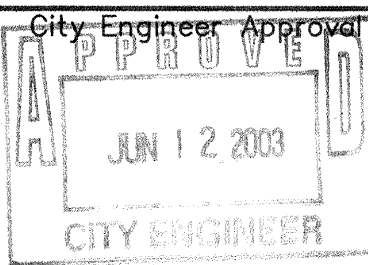
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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**RIDGE PONTE SUBDIVISION
UTILITY PLAN AND PROFILE
WATERLINE 'A'**



City Project No.

710781

Zone Map No.

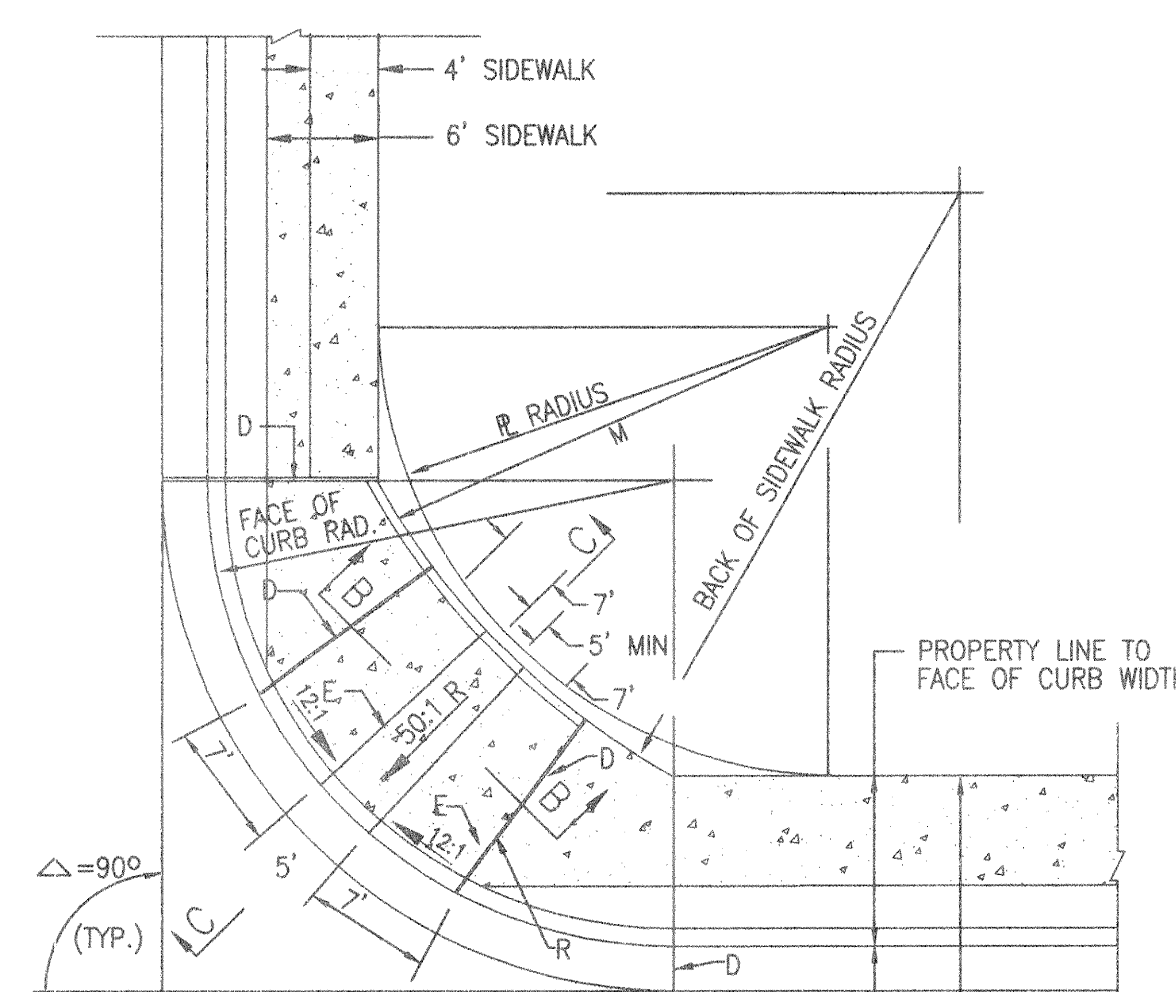
G-22-Z

Sheet

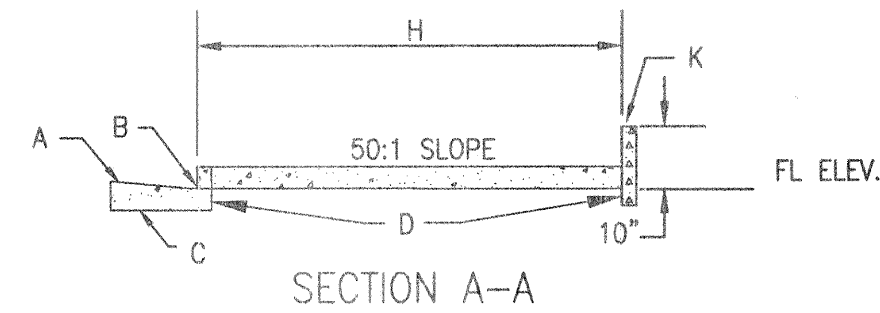
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Of

14

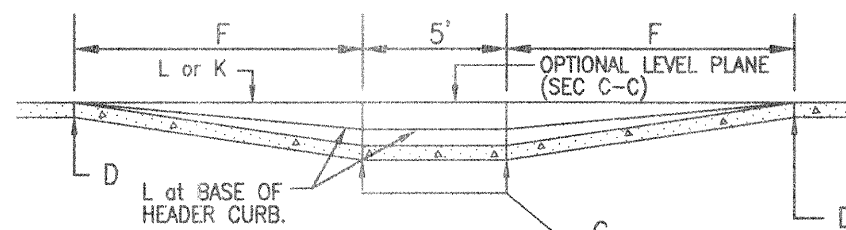


CASE II ADEQUATE R.O.W. FOR
SETBACK SDWK ADJACENT TO R

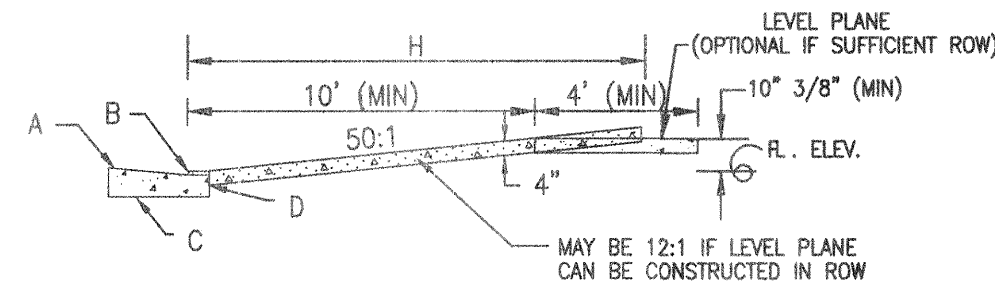


SECTION A-A

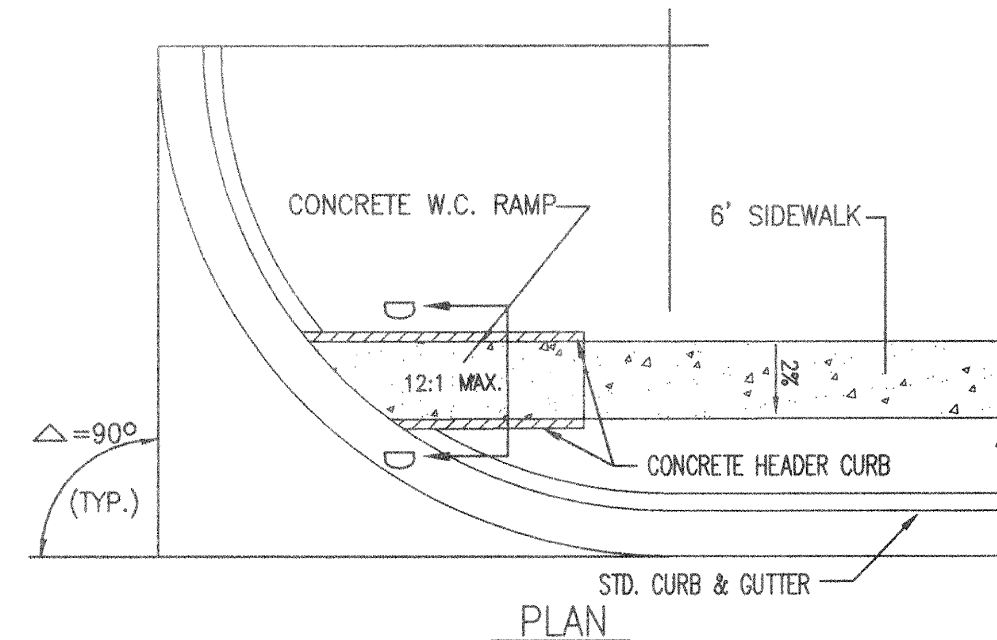
R. RAD	CURB RAD	R. CURE WIDTH	BACK SW RAD
90° 25'	25'	4'	25'
90° 30'	30'	4'	30'
90° 35'	35'	4'	35'
90° 40'	40'	4'	40'



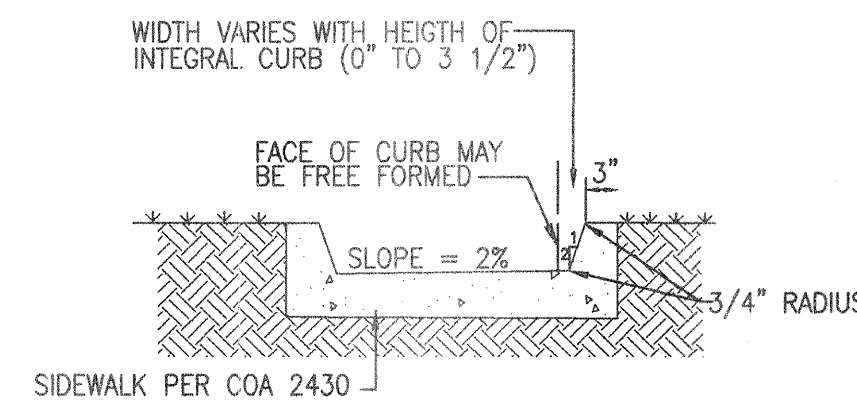
SECTION B-B



SECTION C-C CASE II



HANDICAP RAMP DETAIL "B"
NOT TO SCALE



SECTION D-D

GENERAL NOTES:

- CURB ACCESS RAMPS ARE NORMALLY TO BE LOCATED AT THE CENTER OF THE RETURN OR AS DIRECTED BY THE CITY TRAFFIC ENGINEER.
- SURFACE TEXTURE OF CURB ACCESS RAMPS SHALL BE OBTAINED BY HEAVY BROOMING (TEXTURE DEPTH .035"), TRANSVERSE TO THE SLOPE OF THE RAMP.
- GUTTER FLOW-LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. DRAINAGE CATCH BASIN STRUCTURES SHALL NOT BE PLACED IN LINE WITH RAMPS.
- WIDTH OF SIDEWALK AND RAMP MUST BE MAINTAINED AT A MINIMUM OF 5'-0" THROUGH ENTIRE RAMP LENGTH.

CONSTRUCTION NOTES:

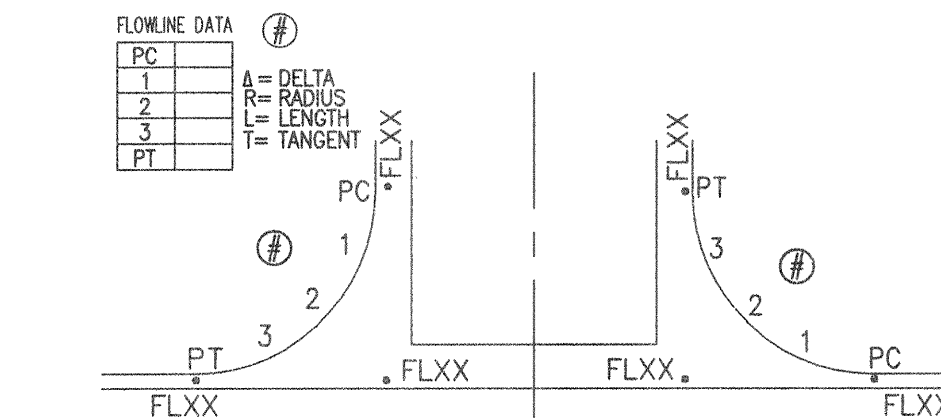
- SLOPE OF GUTTER DEPENDENT ON REQUIREMENTS FOR VALLEY GUTTER.
- 1/4" LIP ABOVE FLOW LINE (VERTICAL). SEE STD. DWG 2415
- CURB & GUTTER. (SEE STD. DWG 2415 - GUTTER AT THE CURB ACCESS RAMP).
- 1/2" EXPANSION JOINT.
- PARALLEL LINES - TOP AND BOTTOM OF RAMP.
- 12:1 SLOPE AT FACE OF CURB. (SEE STD. DWG 2418)
- CONTRACTION (DUMMY) JOINT.
- VARIES WITH AVAILABLE R.O.W.
- VARIABLE.
- HEADER CURB, SEE DWG. 2415.
- BACK OF SIDEWALK.
- BACK OF SIDEWALK RADIUS TO BE ESTABLISHED SO AS TO MAINTAIN A 5'-0" RAMP WIDTH (MINIMUM) OR MORE THROUGHOUT. SEE STD. DWG 2440 (NOTE 5) IF LESS THAN 5'-0" IS AVAILABLE DUE TO UNTIMELY UNRESOLVABLE CONSTRAINTS.
- 4 1/2" MAX.
- ANY PRIVATE LANDSCAPING AND OR IRRIGATION SHALL BE RESTORED TO ORIGINAL CONDITION. SHOULD ANY PRIVATE IMPROVEMENT NEED TO BE REMOVED, OWNER MUST BE NOTIFIED.
- 12:1 SLOPE MAXIMUM ON RAMP.

FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

NOTE:

SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCORDING THE EXISTING R-VALUE PER COA STANDARD SPECS.

RESIDENTIAL PAVEMENT SECTION - 3" ASPHALT



TYPICAL INTERSECTION RETURNS DETAIL
NOT TO SCALE

TRAMWAY BOULEVARD TRAFFIC CONTROL



NOTE: SHOULDER WORK SIGN SHALL BE PLACED 350' MIN. OF THE NORTH EAST CORNER OF THE SITE BOUNDARY. THIS IS ALL IN ACCORDANCE WITH THE M.U.T.C.D. MILLENNIUM EDITION PART 6, TA-3.

26 7107.81 1104

Bohannon & Huston

Courtesy | 7800 Jefferson St NE Albuquerque, NM 87109-4385
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**RIDGE POINTE SUBDIVISION
MISCELLANEOUS DETAILS
AND TRAMWAY BLVD. TRAFFIC CONTROL**

Design Review Committee
APPROVED
JUN - 5 2003
DESIGN REVIEW COMMITTEE

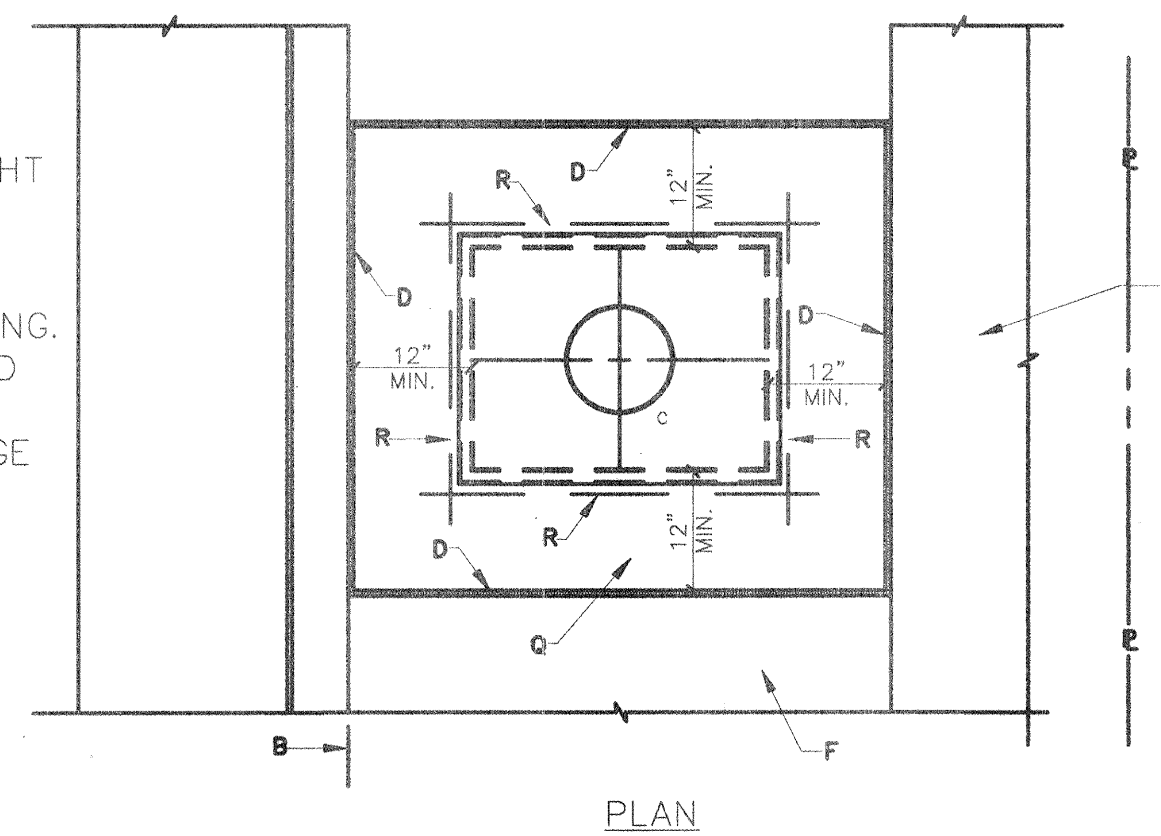
City Engineer Approval
APPROVED
JUN 12 2003
CITY ENGINEER

City Project No. 710781

Zone Map No. G-22-Z

Sheet 11 Of 14

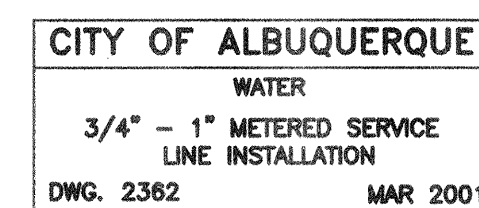
- 1 THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10" FOR 1" METER. 7" FOR 3/4" METER.
- 2 THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER REGISTER SHALL BE WITHIN READING RANGE OF THE LID OPENING. SHALL BE WITHIN READING RANGE.
- 3 METER BOX LOCATION TO CONFORM TO DWG. 2361.
- 4 WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVABLE PLUGS FOR END OF COPPER-SETTER.
- 5 EXISTING CONCRETE TO BE SAWCUT.



Technical drawing of a trenchless pipe installation system. The diagram shows a cross-section of the ground with a trench. A pipe is being installed using a trenchless method. Key components labeled include: A (grout), B (trench wall), C (pipe), D (trench bottom), E (pipe joint), F (trench bottom), G (pipe joint), H (pipe joint), I (pipe joint), J (pipe joint), K (pipe joint), L (pipe joint), M (pipe joint), N (pipe joint), O (pipe joint), P (pipe joint), Q (pipe joint), R (pipe joint), S (pipe joint), T (pipe joint), U (pipe joint), V (pipe joint), W (pipe joint), X (pipe joint), Y (pipe joint), Z (pipe joint). Dimensions include: 3'-0" MIN. COVER, 3' MIN., 4' OR 6', 2'-0" ±1", 3' MIN., 1'-0" RAD MIN., 45°.

SECTION
SERVICE LINE FOR 3/4" - 1" METER

A STREET SURFACE.
B BACK OF CURB.
C CAST IRON METER BOX, COVER AND LID.
SEE DWG. 2368 OR 2369.
D 1/2" EXPANSION JOINT.
E CURB STOP, LOCATE INSIDE METER BOX.
F SIDEWALK OR DRIVEPAD.
G METER. TOP OF METER TO BE 12"—18"
BELOW COVER.
H CORP STOP.
J MAIN WATER LINE.
K TAPPING SADDLE.
L COPPER SERVICE LINE.
M COPPER SETTER.
N TAILPIECE TO PROPERTY LINE WITH
INSTA—TITE I.P.T. CAPPED FITTING.
Q CONCRETE PAD REQUIRED IN ALL AREAS.
R #4 REBAR CONTINUOUS ALL AROUND METER BOX.
S STABILIZER BAR. 12" LONG X 1/2" DIAMETER
GALVANIZED STEEL PIPE.
T METER BOX LID SHALL BE FLUSH WITH
SURROUNDING SIDEWALK.



DRAFT

A VALVE BOX RING AND COVER. SEE DWG. 7328.

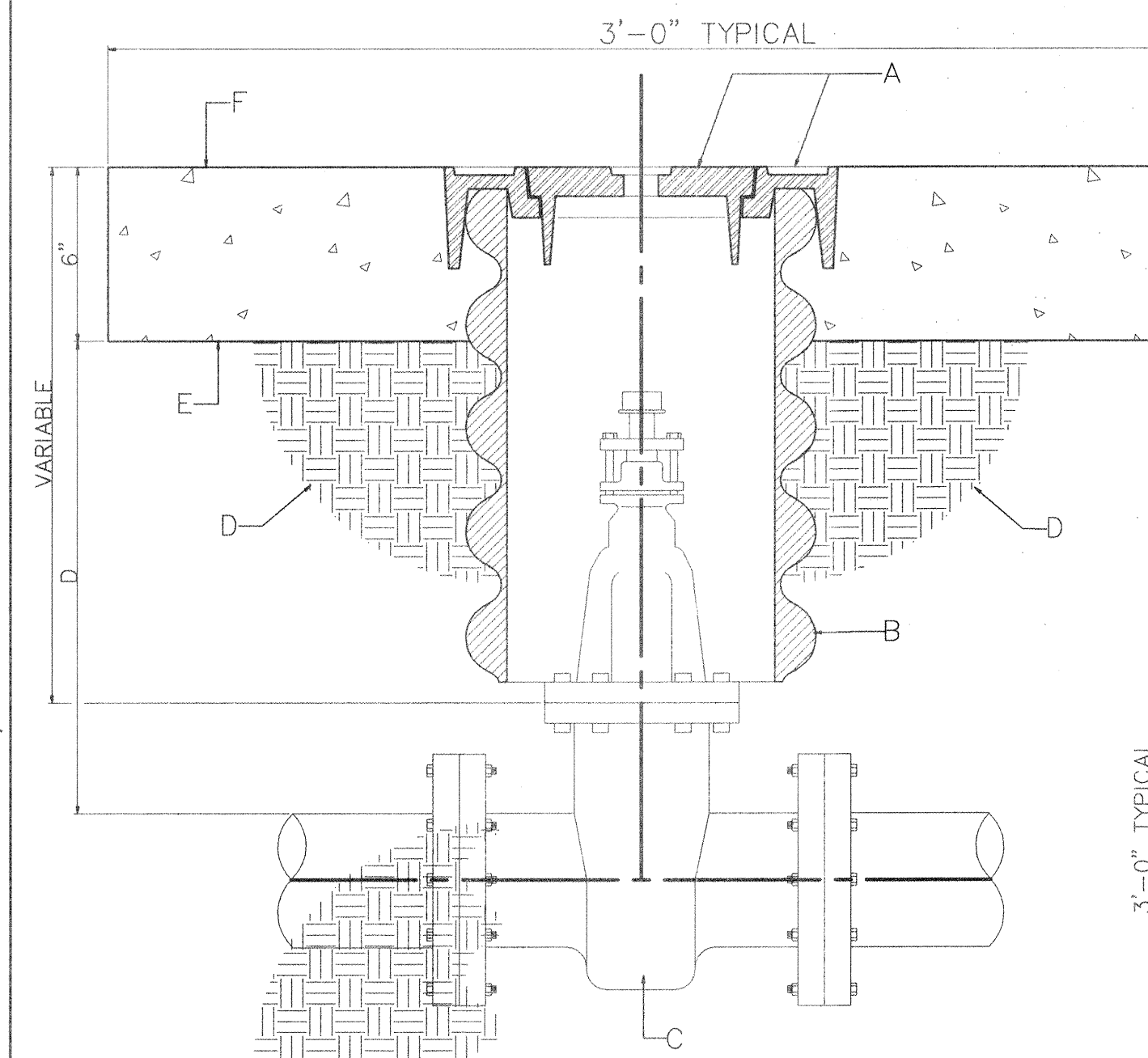
B 10" DIAMETER RIBBED OR CORRUGATED PVC OR PE PIPE WITH SMOOTH INTERIOR.

C NEW OR EXISTING VALVE.

D COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). SEE SECTION 701.

E 3'-0"x3'-0" OCTAGONAL CONCRETE COLLAR. COLLAR IS TO BE TAPERED IN UNPAVED ROADWAYS AND FLUSH IN PAVED ROADWAY. CONCRETE STRENGTH SHALL BE 3000 PSI PER SECTION 101 OF THE STANDARD SPECIFICATIONS, LATEST EDITION.

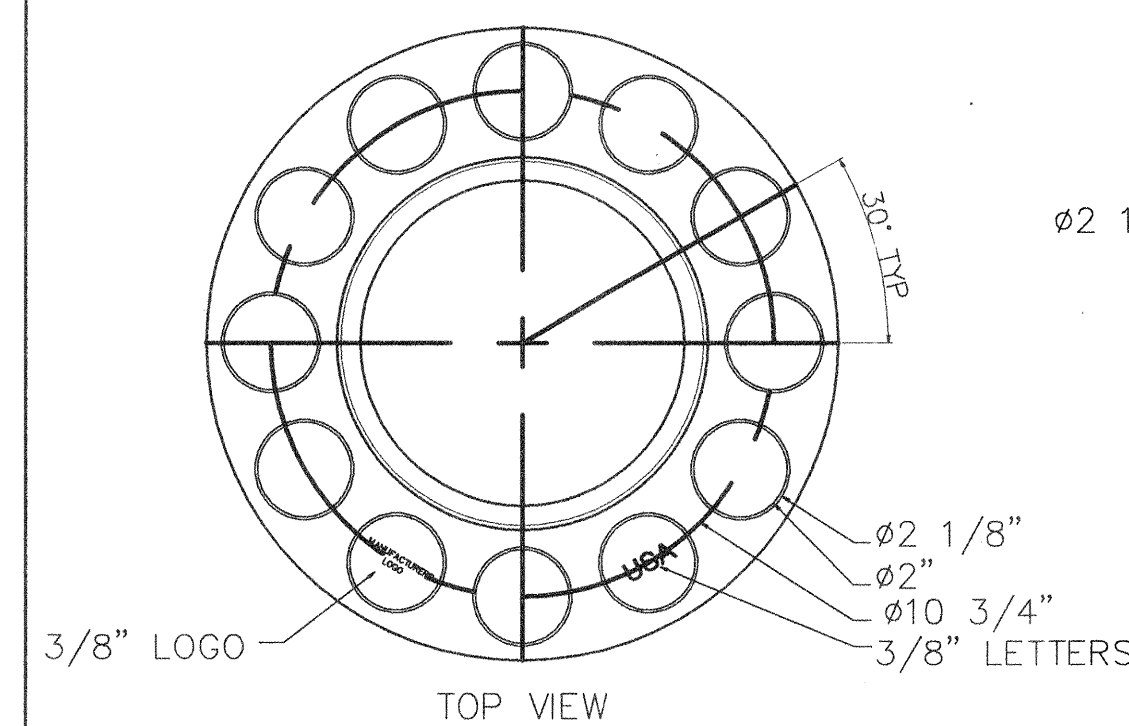
F TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT.



CITY OF ALBUQUERQUE	
WATER VALVE BOX	
DWG. 2326	MAR 2001

DRAFT

- 1 ALBUQUERQUE VALVE BOX RING DESIGNED TO ACCEPT AN
ALBUQUERQUE VALVE BOX COVER.
- 2 THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF
MANUFACTURE AND "USA" SHALL BE CAST IN A
CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.
- 3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.
- 4 A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS
OTHERWISE SPECIFIED.
- 5 FINISH: REMOVE EXCESS IRON AND FIN.
- 6 THIS DETAIL DOES NOT APPLY FOR VALVE BOX RING
AND COVER TO BE USED ON REUSE OR NONPOTABLE
WATER SYSTEMS.



Technical drawing of a multi-layered rectangular assembly, likely a PCB or a similar electronic component. The drawing shows a cross-section of the assembly with various layers and dimensions. The dimensions are as follows:

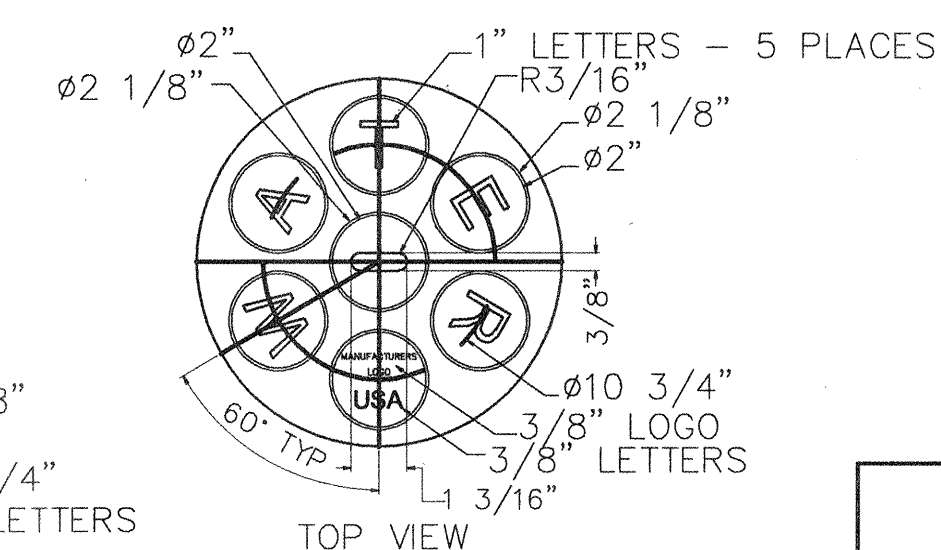
- Overall width: 13 1/2"
- Inner width (top): 7 15/16"
- Inner width (middle): 7 3/4"
- Inner width (bottom): 7"
- Width of the central core: 6 7/8"
- Width of the first layer (from core): 8 13/16"
- Width of the second layer (from core): 9 3/16"
- Width of the third layer (from core): 11 7/8"
- Width of the fourth layer (from core): 12 1/2"
- Width of the fifth layer (from core): 13 3/16"

On the right side, there are additional dimensions for the thickness of the layers:

- Thickness of the top layer: 1/4"
- Thickness of the middle layer: 1 1/16"
- Thickness of the bottom layer: 3/4"

SECTION
VALVE BOX RING

1. ALBUQUERQUE VALVE BOX COVER DESIGNED TO FIT INTO AN ALBUQUERQUE VALVE BOX RING.
2. THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.
3. FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.
4. A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.
5. FINISH: REMOVE EXCESS IRON AND FIN.



CITY OF ALBUQUERQUE	
WATER RING AND COVER FOR VALVE BOX	
DWG. 2328	MAR 2001

DRAFT

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

RIDGE POINTE SUBDIVISION MISCELLANEOUS DETAILS

Design Review Committee

City Engineer Approval

Fast Design Update

Mo./Day/Yr.

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City Project No.

Zone Map No.

Sheet

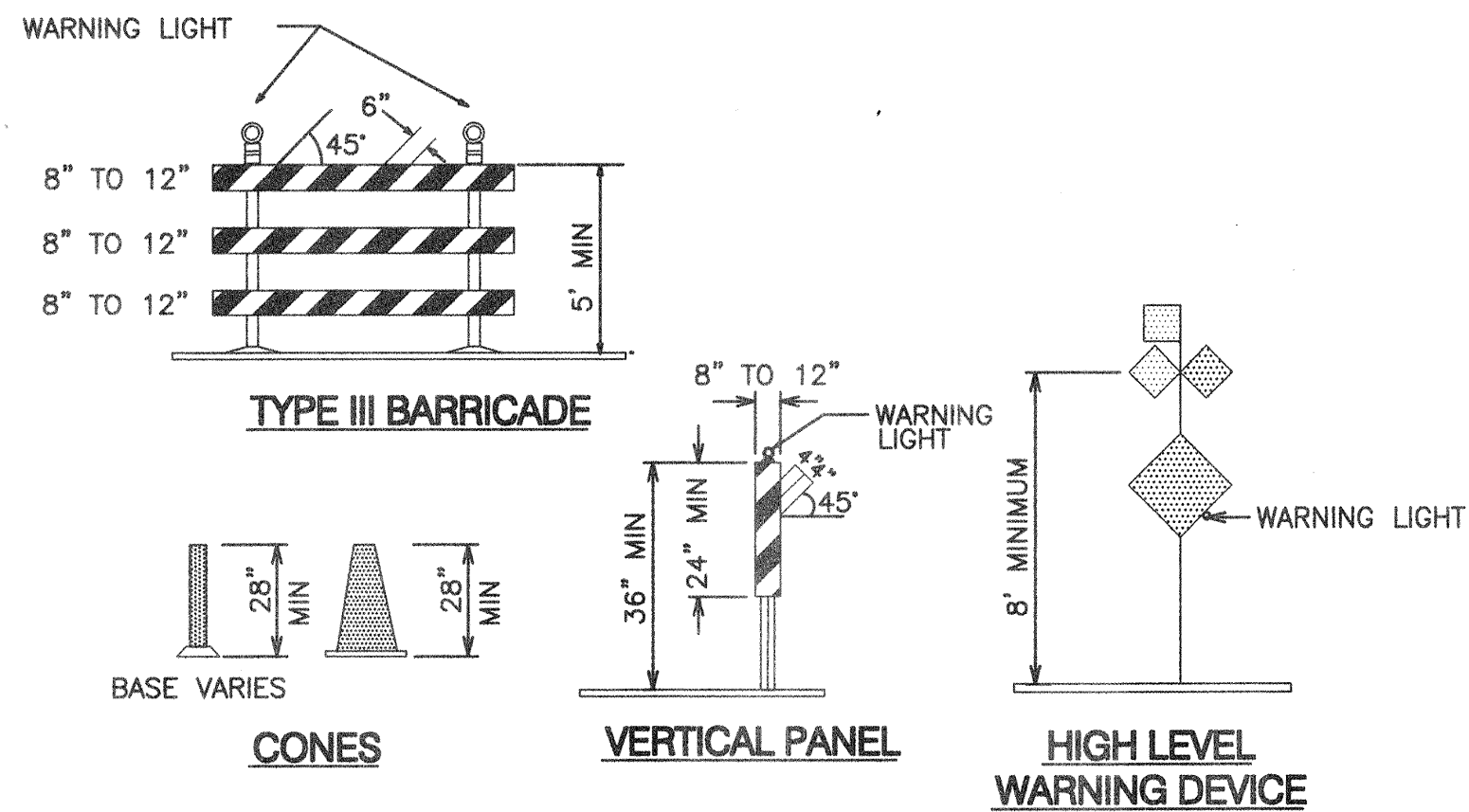
[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	7	1	0	7	.	8	1				1	2	0	4

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
- CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
- ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
- ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
- ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
- ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON AN ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
- ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

- EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
- CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
 - STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
- FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.
- TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.
- ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.
- CONTRACTOR SHALL MAINTAIN AT LEAST ONE LANE IN EACH DIRECTION ON COMANCHE ROAD OPEN TO TRAFFIC AT ALL TIMES.



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

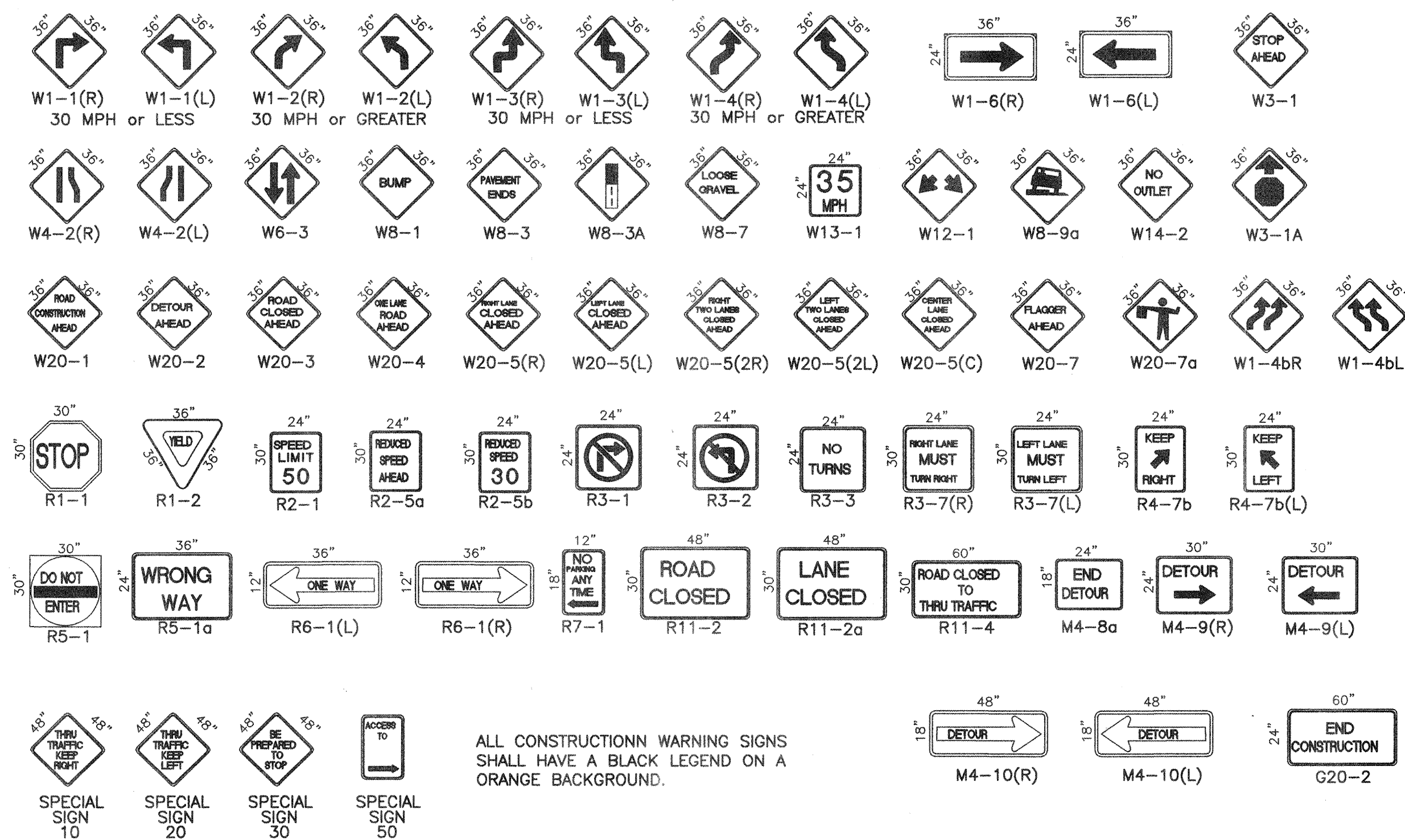
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

Summer '03

AS-BUILT INFORMATION

CONTRACTOR: **Bohannon & Huston**

DATE: **04/03/03**

WORK STARTED BY: **Walter Surin**

ACCEPTANCE BY: **Walter Surin**

DATE: **04/03/03**

DESIGNED BY: **Walter Surin**

DATE: **04/03/03**

DRAWN BY: **Walter Surin**

DATE: **04/03/03**

RECORDED BY: **Walter Surin**

DATE: **04/03/03**

MICROFILM INFORMATION

NO.

BENCH MARKS

ACS BRASS TABLET STAMPED "3-623" 1984

Geographic Position (NAD 1927)

N.M. State Plane Coordinates (Central Zone)

X = 426,072.10 Y = 1,500,295.60

Ground-to-Grid Factor = 0.9996265

ΔC = -00'08"32"

SID 1929 Elevation = 5849.59

SURVEY INFORMATION

FIELD NOTES

DATE: **04/03/03**

BY: **Walter Surin**

NO.

ENGINEER'S SEAL

COA STD

REVISIONS

DESIGN

COA STANDARDS

DATE: 04/03

DATE: 04/03

DATE: 04/03

Bohannon & Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

RIDGE POINTE SUBDIVISION

TRAFFIC CONTROL SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS

Design Review Committee

City Engineer Approval

Mo./Day/Yr.

Mo./Day/Yr.

COA STD

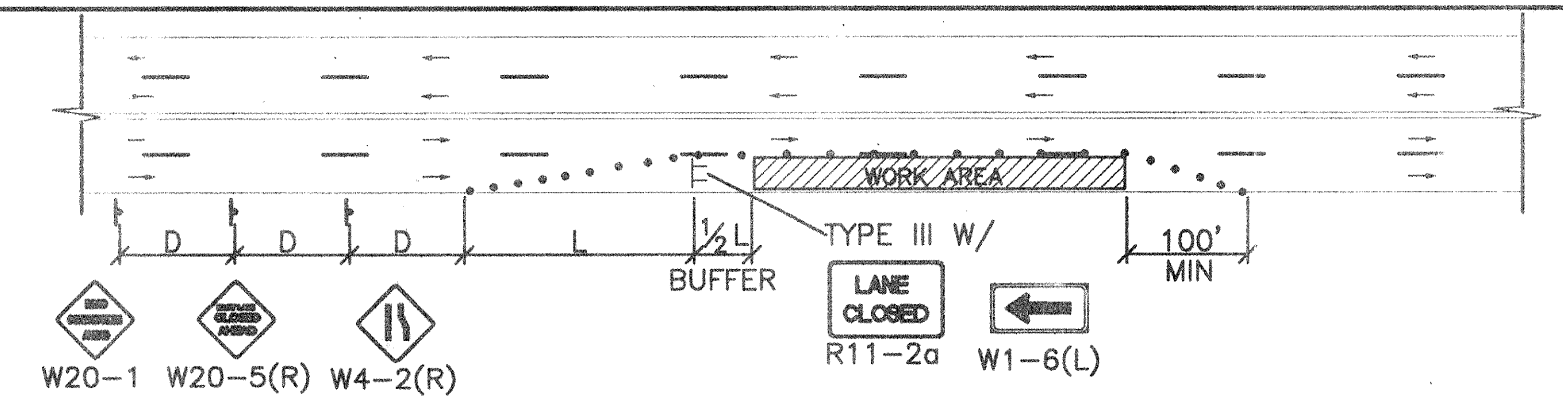
COA STD

City Project No. **710781**

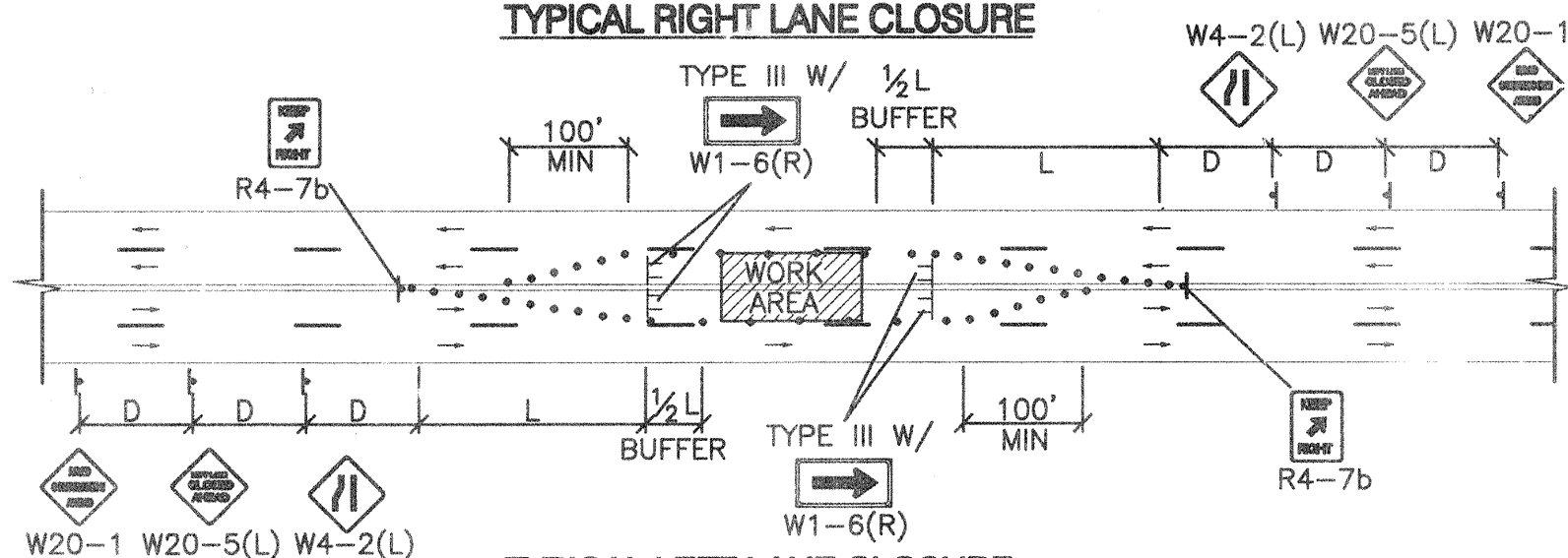
Zone Map No. **G-22-Z**

Sheet **13** Of **14**

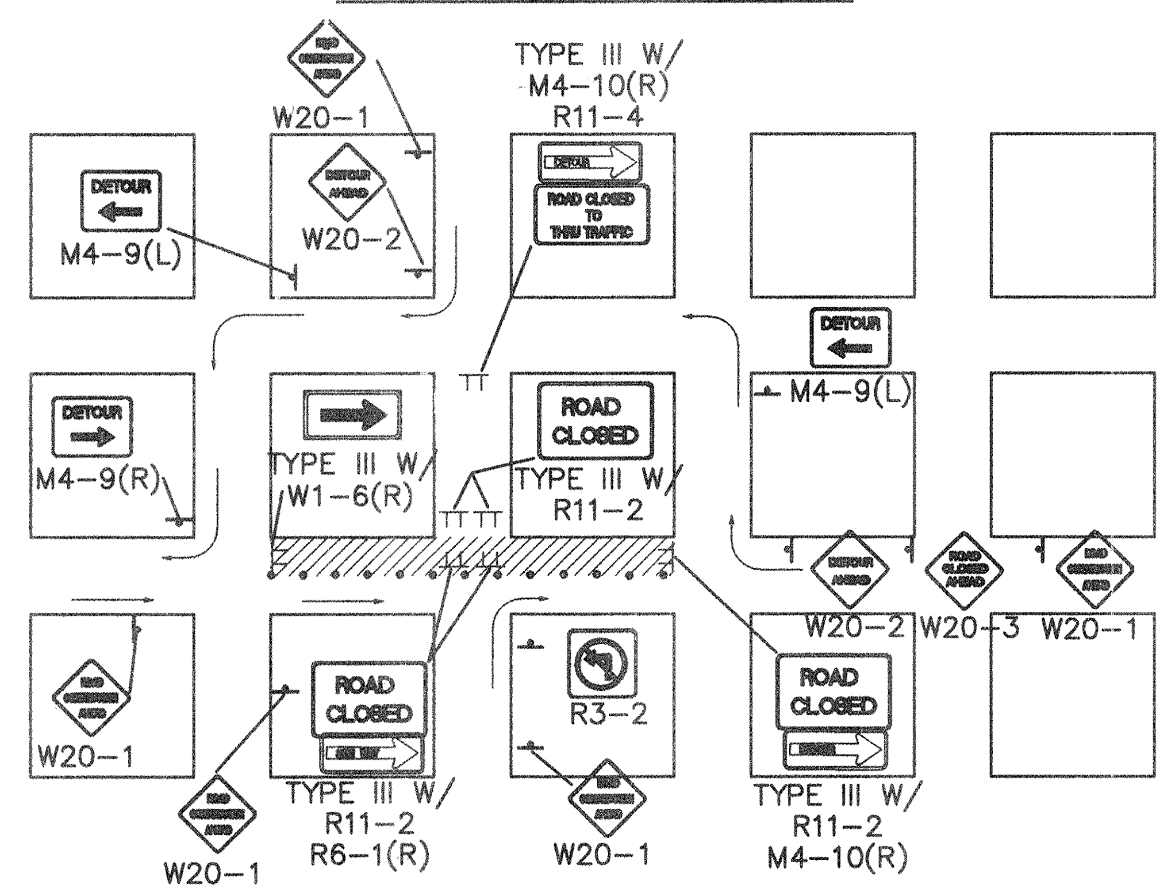
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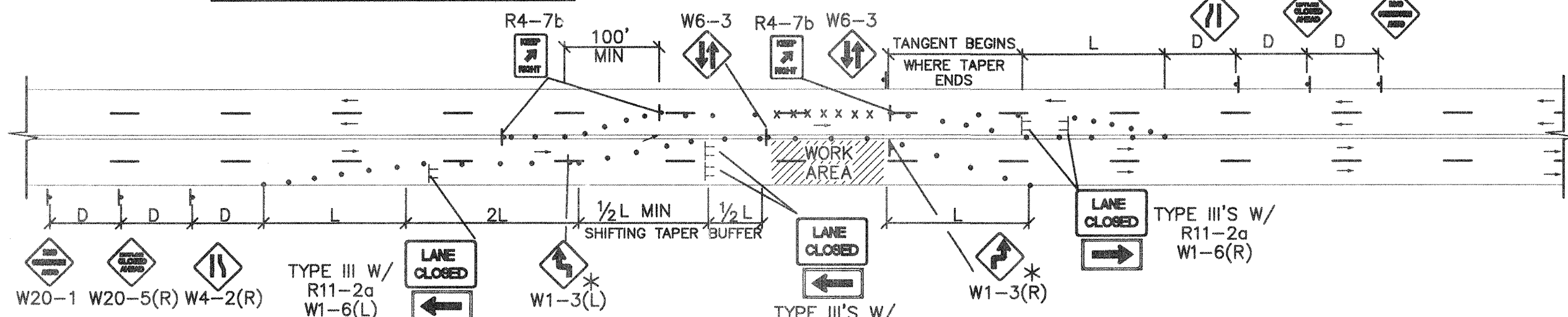
TYPICAL RIGHT LANE CLOSURE



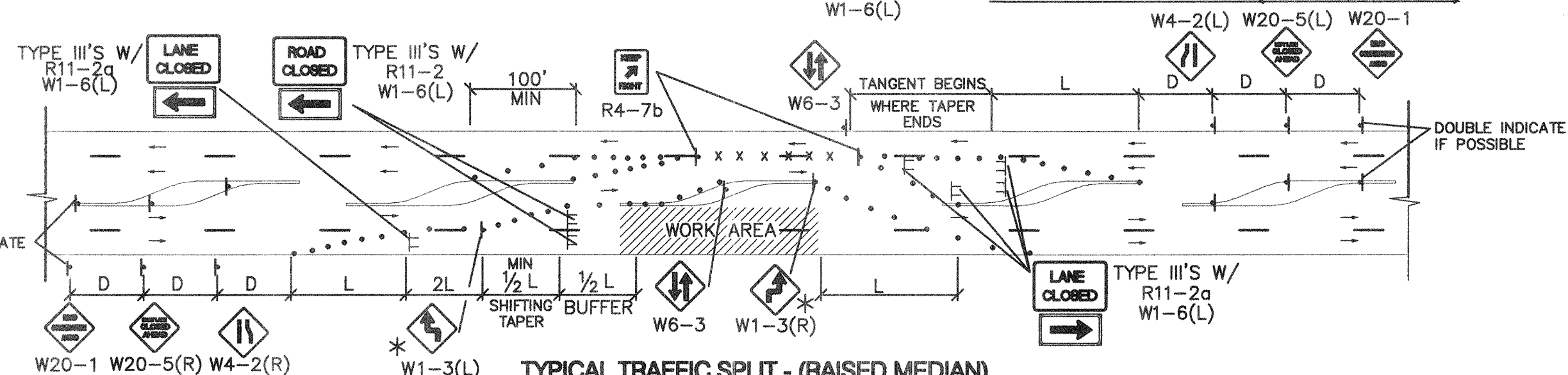
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR

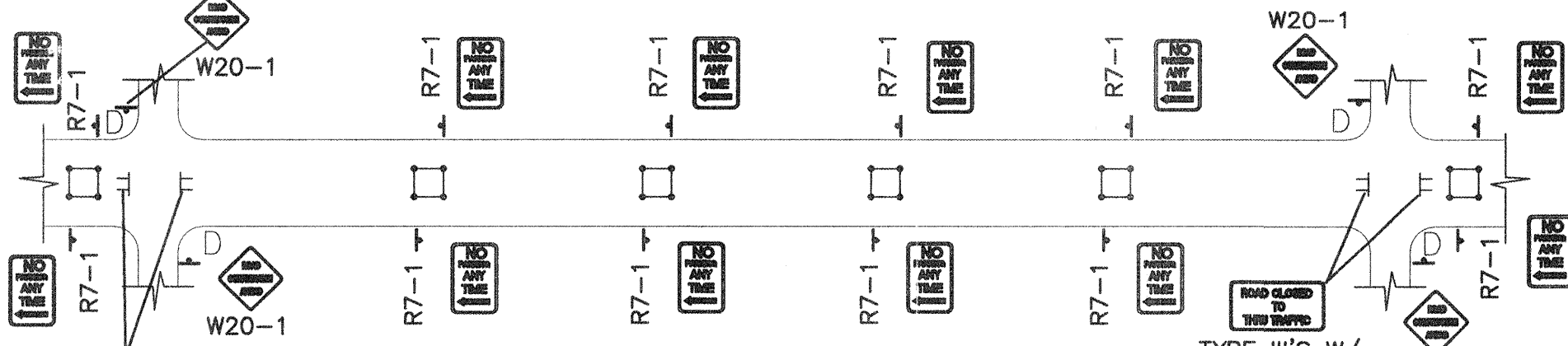


TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

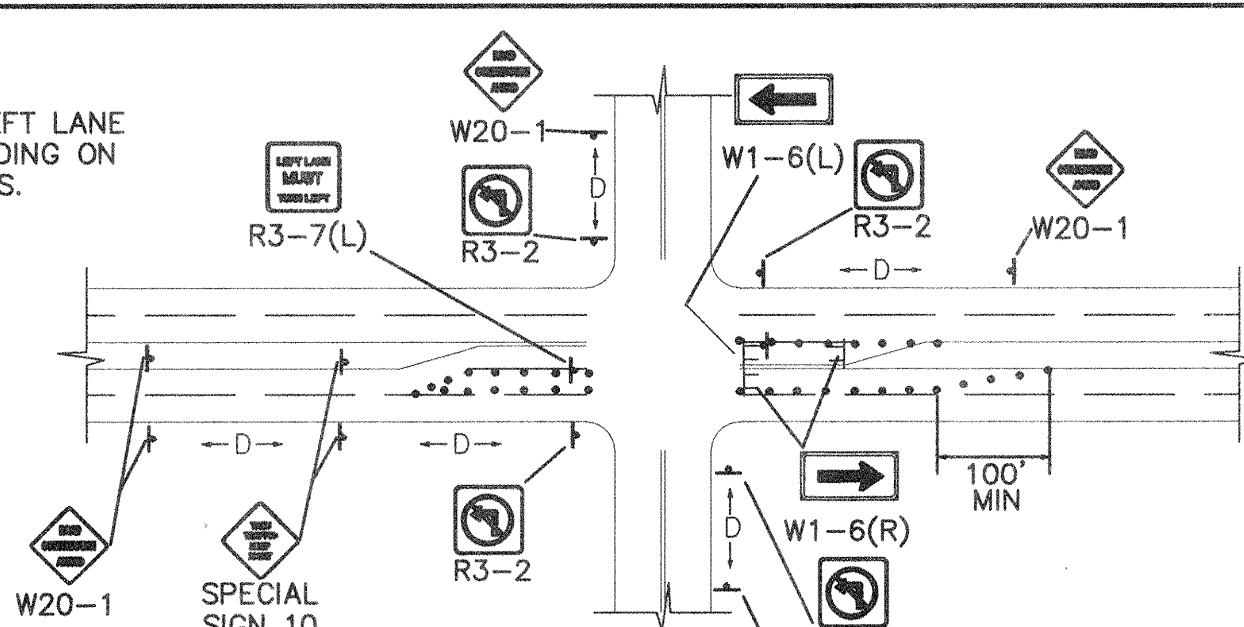
- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
 2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
 3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
 4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
 5. REDUCED SPEED MAY BE CONSIDERED.
 6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

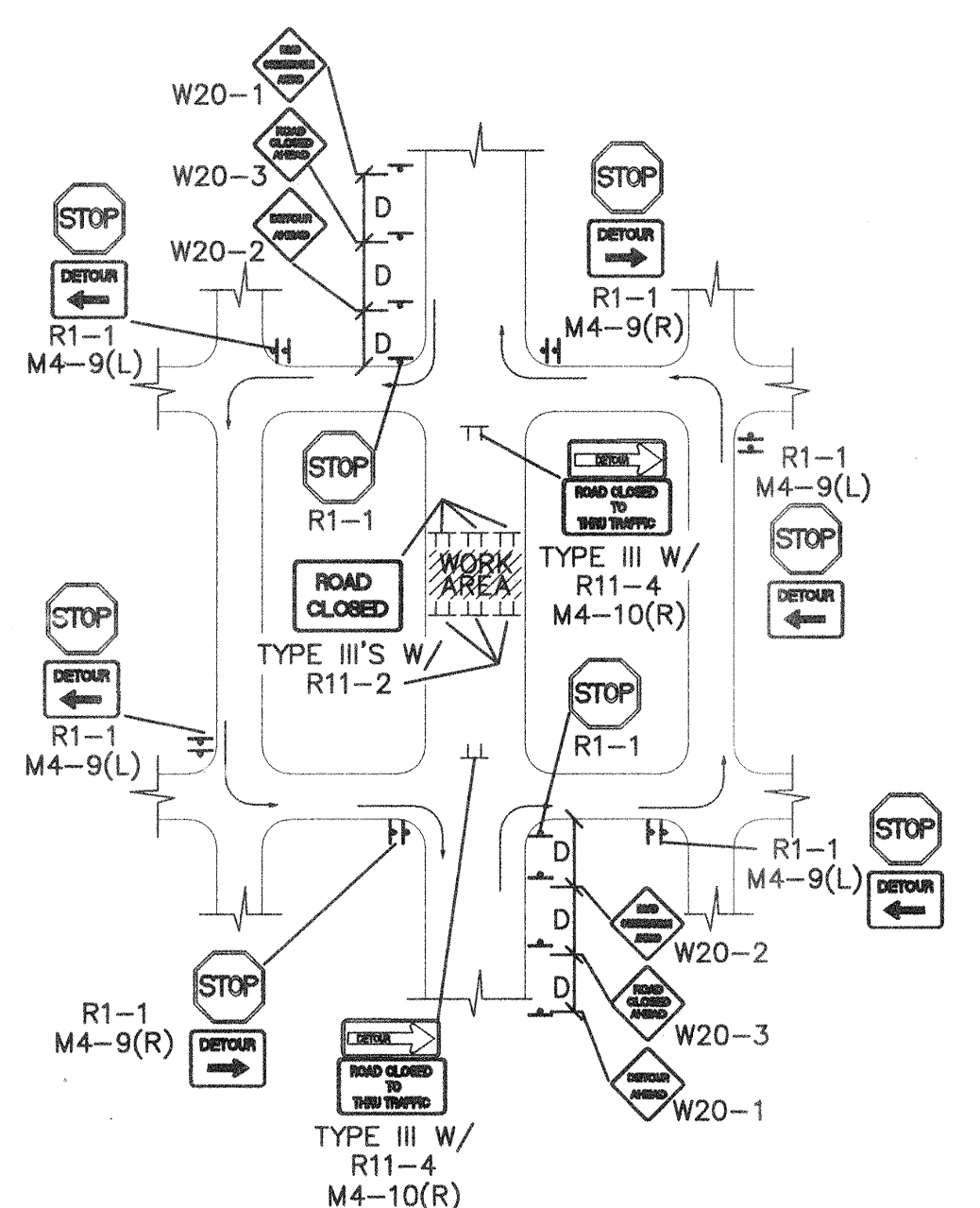
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

NOTE:
MAY REQUIRE LEFT LANE
CLOSURE DEPENDING ON
FIELD CONDITIONS.



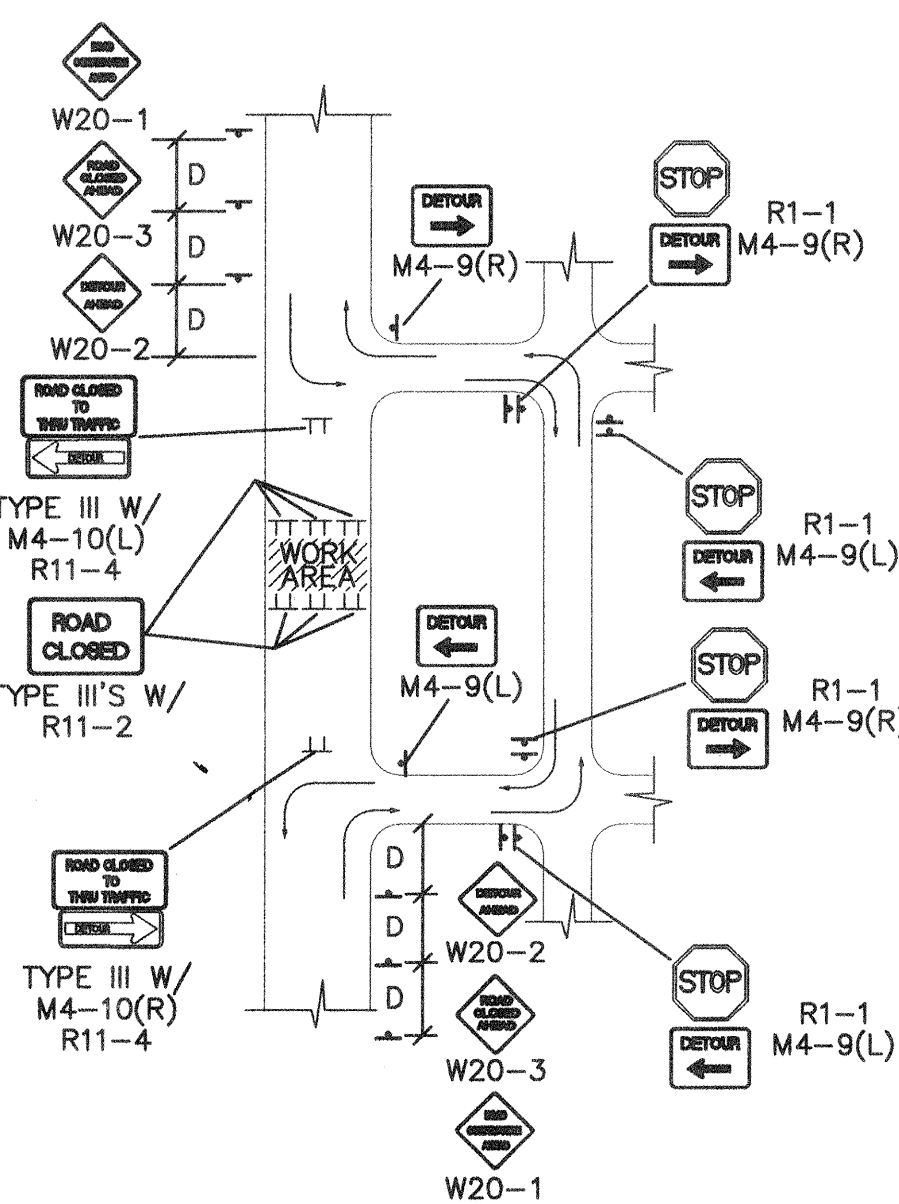
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



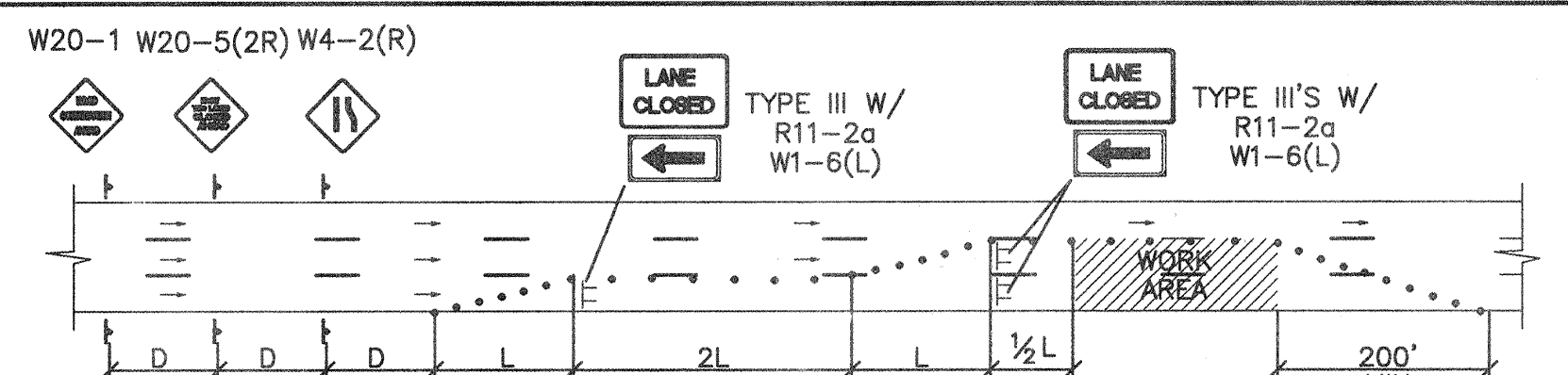
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

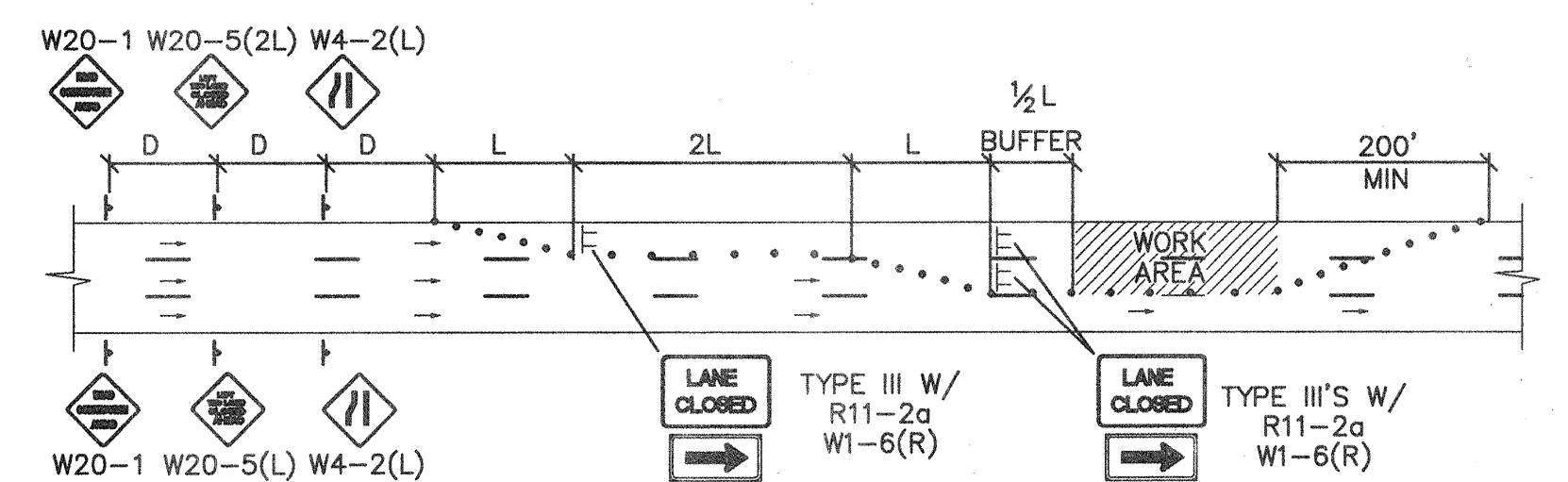


TYPICAL STREET CLOSURE

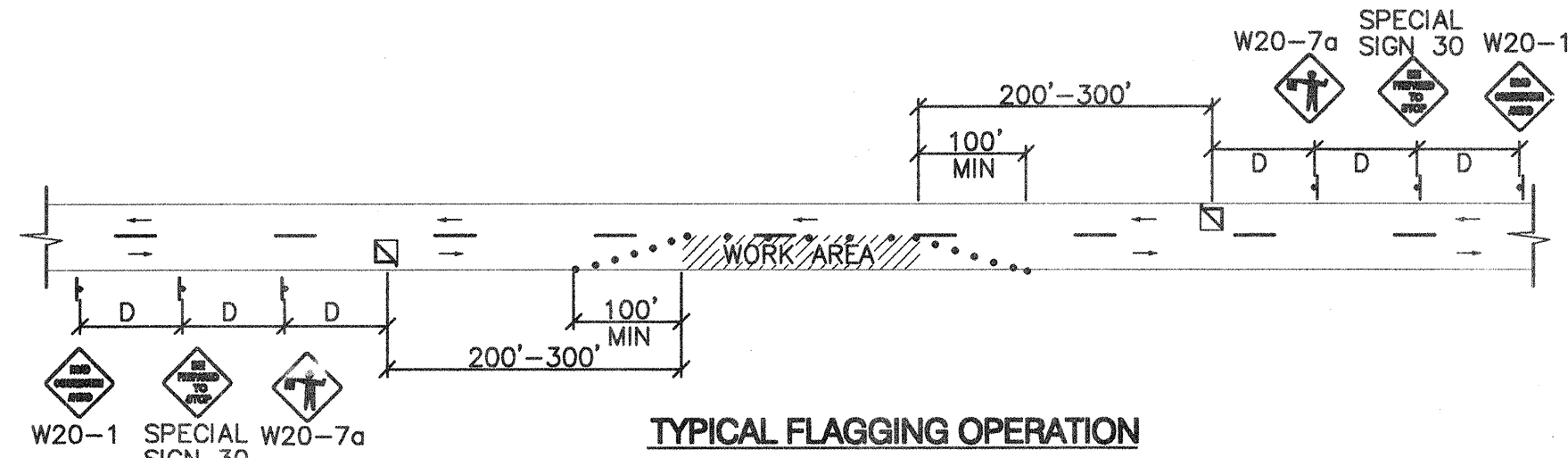
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



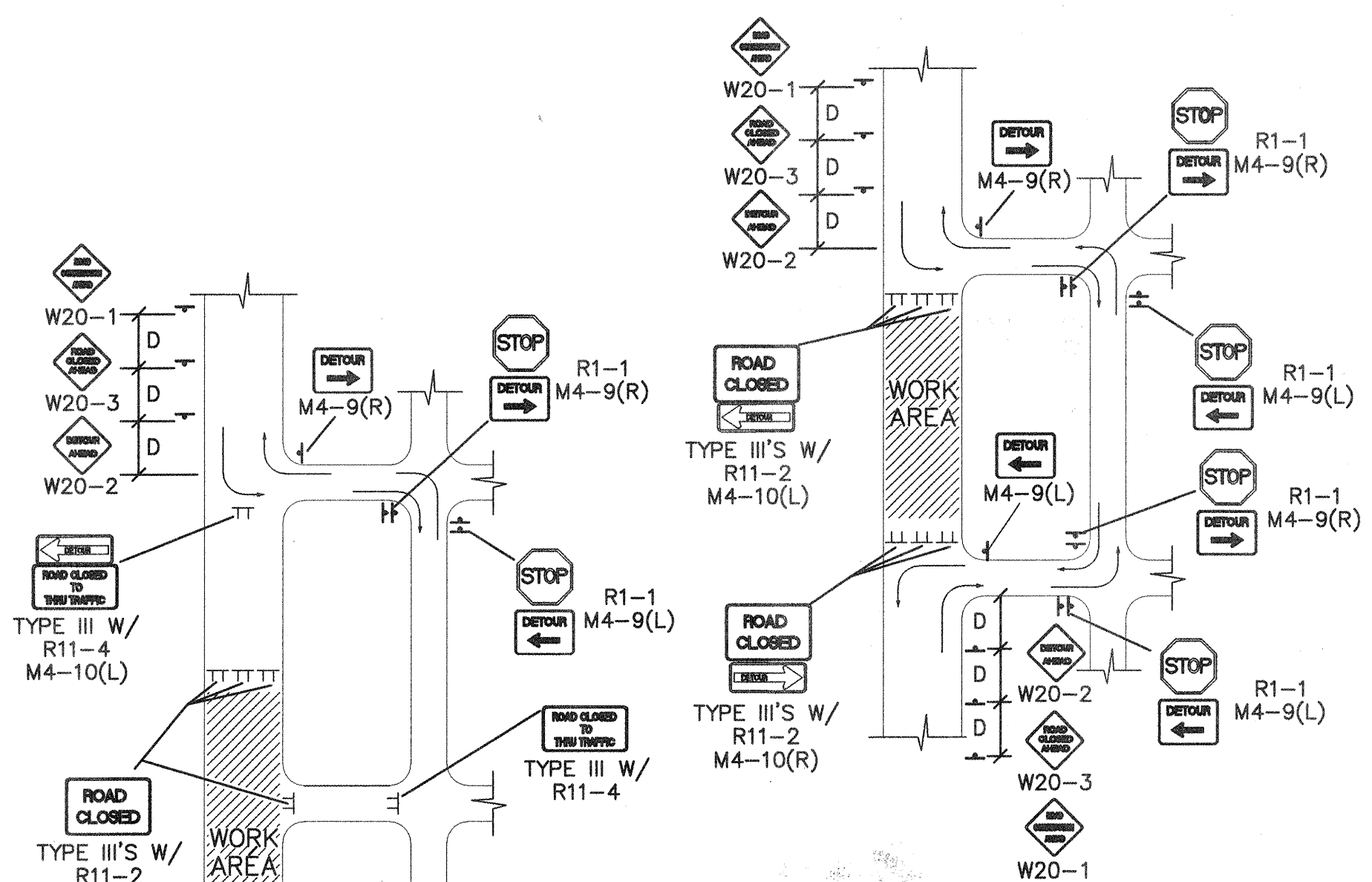
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

Bohannon & Huston

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ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**RIDGE POINTE SUBDIVISION
TYPICAL TRAFFIC CONTROL
& SIGNING EXAMPLES (REF MUTCD)**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
COA STD	COA STD		
City Project No. 710781	Zone Map No. G-22-Z	Sheet 14	Of 14