

CITY OF ALBUQUERQUE, NEW MEXICO
PUBLIC WORKS DEPARTMENT

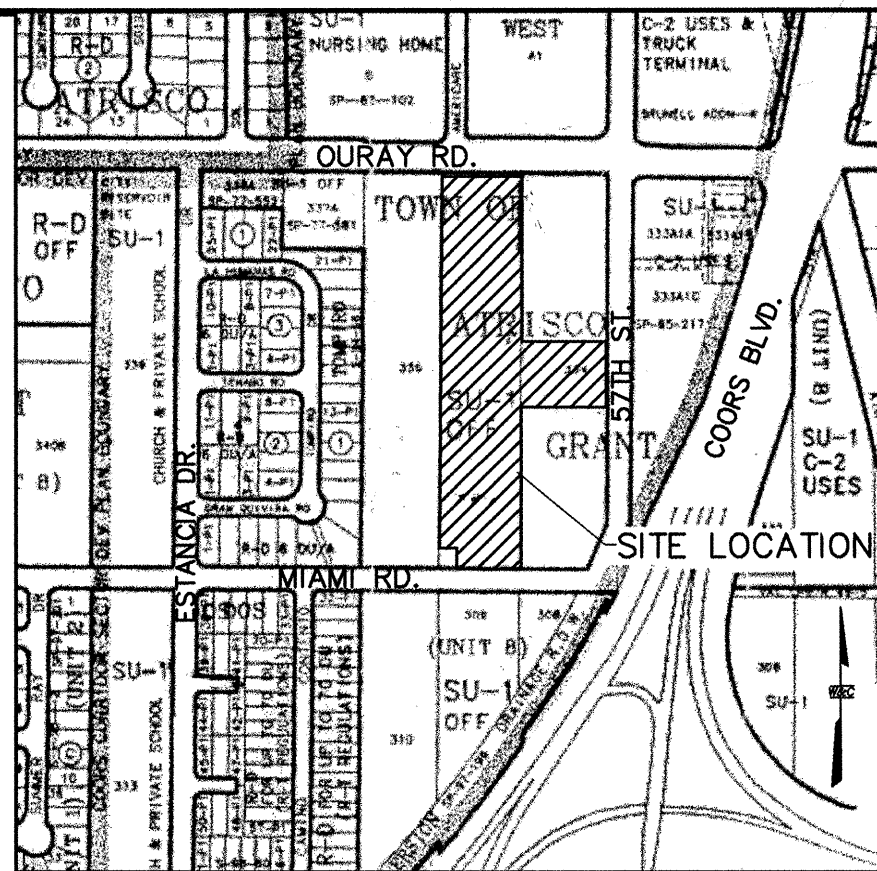
CONSTRUCTION PLANS
FOR

CHAMISA COVE

PUBLIC

INFRASTRUCTURE IMPROVEMENTS

INDEX



VICINITY MAP
ZONE ATLAS MAP NO. H-11

NOTES

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 #6.

THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) CONSTRUCTION.

- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED:
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
 - ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☒ IF CURB IS DEPRESSED 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.

LEGEND

EXISTING

- SAS SANITARY SEWER
- WL WATER LINE
- SD STORM DRAIN
- T TELEPHONE LINE
- UT UNDERGROUND TELEPHONE LINE
- UE UNDERGROUND ELECTRICAL LINE
- TC TRAFFIC SIGNAL CONDUIT
- CURB & GUTTER
- TELEPHONE BOX
- MANHOLE
- WATER VALVE
- WM WATER METER
- STORM INLET
- PP POWER POLE
- PB PULL BOX
- LIGHT POLE
- 5094 INTERMEDIATE CONTOUR
- 5095 INDEX CONTOUR
- PAVEMENT REMOVAL

PROPOSED

- SAS SANITARY SEWER
- W WATER LINE
- SD STORM DRAIN
- ELECTRICAL CONDUIT
- WHEELCHAIR RAMP
- CROWN REDUCTION
- SIDEWALK
- FOC FACE OF CURB
- EOP EDGE OF PAVEMENT
- CENTER LINE
- MANHOLE
- WATER VALVE
- WATER SERVICE
- SAS SERVICE W/ CAP
- STORM INLET
- FIRE HYDRANT
- LIGHT POLE

DESCRIPTION

- COVER SHEET
- GENERAL NOTES
- PLATS AND SURVEY CONTROL
- OVERALL PAVING PLAN
- OVERALL UTILITY PLAN
- MISCELLANEOUS DETAILS
- GRADING & DRAINAGE PLAN
- MAIDEN GRASS RD. N.W.
PAVING & STORM DRAIN PLAN & PROFILE
- WATER & SANITARY SEWER PLAN & PROFILE
- FORESTAL CT. N.W. & POTENTILLA CT. N.W.
PAVING & STORM DRAIN PLAN & PROFILE
- WATER & SANITARY SEWER PLAN & PROFILE
- MIAMI RD. & OURAY RD.
PAVING & STORM DRAIN PLAN & PROFILE
- WATER & SANITARY SEWER PLAN & PROFILE
- OFFSITE PAVING IMPROVEMENTS
- TRAFFIC CONTROL SIGNING & STRIPING PLAN - OURAY RD.
- SIGNING & CONSTRUCTION TRAFFIC CONTROL

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APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 10.5.01

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, 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' surveys performed 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." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719

07-03-01

Date

WILSON
& COMPANY

4900 LANG AVENUE N.E.
ALBUQUERQUE, NEW MEXICO 87109
(505) 348-4000

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman				2/18/01	
		Transportation				2/1/01	
		Water/Wastewater				2/6/01	
		Hydrology				1/18/01	
		Parks					
		Constr. Mngmt.				1/18/01	
		Constr. Coord.					
		City Project No.		D.R.B. No.			
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SCANNED BY
MESA FEPIC

GENERAL NOTES:

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, 1986 EDITION, AS AMENDED THROUGH UPDATE #6.
2. ALL UTILITY WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS). THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES (898-2661) THREE (3) WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.
3. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION 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.
5. ALL WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES EITHER TWENTY-FOUR (24) HOUR CONSTRUCTION, OR CONSTRUCTION FROM 7AM TO 10PM MONDAY - SATURDAY, UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR WILL BE REQUIRED TO CONFINED HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
7. A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.
8. ALL RADII OF CURB RETURNS ARE SHOWN TO FACE OF CURB.
9. ALL VALLEY GUTTERS ARE 6' WIDE UNLESS OTHERWISE NOTED.
10. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FACE OF CURB.
11. ALL FINISHED GRADES AND PROFILES SHOWN ARE CENTERLINE GRADES, UNLESS OTHERWISE NOTED. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.
12. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
13. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAW CUT EXISTING PAVEMENT IN A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. PRIOR TO LAYING NEW PAVEMENT, THE EXPOSED EXISTING ASPHALT EDGE SHALL BE TACK-COATED.
14. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.
15. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLANS AND PROFILE SHEETS ARE APPROXIMATE. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS CONSTRUCTED WITH THIS PROJECT AT THE LOCATIONS SHOWN ON PLANS, IN ACCORDANCE WITH THE CITY STANDARD DETAILS. WHEELCHAIR RAMPS SHALL BE MEASURED AND PAID FOR AS CONCRETE SIDEWALK AND CONCRETE CURB AND GUTTER.
16. CONTRACTOR TO CAREFULLY FIELD REVIEW SITE TO ASSESS EXTENT OF TRASH REMOVAL.

17. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH NEW MEXICO UTILITIES. ALL WATER VALVES TO BE SHUT OFF WILL BE OPERATED BY NEW MEXICO UTILITIES. CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES AT 898-2661 TWENTY FOUR (24) HOURS PRIOR TO WATERLINE CONSTRUCTION.
18. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
19. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD HE BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES HE SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.
20. ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THEIR HORIZONTAL AND VERTICAL LOCATIONS AND PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.
21. CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.
22. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.
23. CONTRACTOR TO VERIFY ALL EXISTING FIRE HYDRANT FLANGES, PADS, VALVE BOXES, MANHOLE RIMS AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF STANDARD CITY DETAILS.
24. ELEVATIONS FOR PROPOSED WATERLINE CONNECTIONS TO EXISTING WATERLINES SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.
25. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
26. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.
27. ALL WATER SERVICES LISTED AS "DOUBLE" REFER TO DOUBLE METER BOX. A SEPARATE SERVICE LINE TO EACH METER IS REQUIRED. REFERENCE C.O.A. STD. DRAWINGS 2361, 2362.
28. ALL UTILITY POLES ARE TO BE RELOCATED BY OTHERS.
29. ALL EXISTING GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS.
30. FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT WHERE UNDERGROUND UTILITIES ARE PRESENT. THE REQUIRED COMPACTION AT THESE LOCATIONS SHALL BE EFFECTED BY OTHER MEANS.
31. ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY, SHALL BE GOVERNED BY THE CURRENT CONSTRUCTION SAFETY AND HEALTH STANDARDS.
32. EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS EMPLOYEES SAFETY.
33. INLET GRATES:
ALL CATTLE GUARD INLETS SHALL USE "ALBUQUERQUE GRATE" PER STD DWG 2220.
ALL INLETS IN SUMP CONDITION SHALL USE "ALBUQUERQUE GRATE" PER STD DWG 2220.
ALL INLETS ON SLOPE (NOT IN SUMP) SHALL USE "ALTERNATE GRATE" PER STD DWG 2221.
34. ALL WHEELCHAIR RAMP APPROACH SLOPES SHOWN AS 7' IN LENGTH ON STD DWG 2441, SHALL BE INCREASED IN LENGTH TO MAINTAIN 12:1 SLOPE WHEN GRADE IS RISING FROM RAMP. SEE TABLE BELOW.

RISEING GRADE	RAMP LENGTH
0%	8.1'
0-1%	9.2'
1-2%	10.6'
2-3%	12.6'
3-4%	15.5'

UTILITY CONTACTS

COMPANY	PHONE	MOBILE	CONTACT
PNM - ELECTRIC	241-3421	934-8798	BOBBY ARMIGO
PNM - GAS	241-7771		JOE DUNLOP
US. WEST	245-8530		LARRY GURULE
NM ONE CALL	260-1990		
JONES INTERCABLE	761-6215 761-6234		RITA BANNER - PLANNING & DESIGN MIKE GALLEGOS - CONSTRUCTION
METRIC CORPORATION	828-2801		GARY RICHARDSON

NOTE:

THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY ENTITIES AS NEEDED FOR RELOCATION AND INSTALLATION OF PRIVATE UTILITIES.

EROSION NOTES:

1. MASS GRADING OF THE AREA WILL NOT BE ALLOWED. ONLY ONE FOURTH OR 30 ACRES MAY BE OPENED AT A TIME.
2. EACH 30 ACRE QUARTER MUST BE STABILIZED BEFORE THE NEXT INCREMENT CAN BE DISTURBED.
3. ENTIRE AREA MUST BE RESEEDDED AS A PART OF THE PROJECT. ONLY LOTS WITH HOME CONSTRUCTION ACTUALLY UNDER WAY MAY BE EXCEPTED.
4. INDIVIDUAL SURFACE DISTURBANCE PERMITS WILL BE REQUIRED OF OWNERS OF LOTS REACHING OR EXCEEDING 3/4 ACRE, WHETHER CONTIGUOUS OR NON-CONTIGUOUS.
5. TEMPORARY EROSION FENCING (OR PERMANENT WALLS OR FENCING) SHALL BE USED TO PROTECT EXISTING RESIDENTIAL PROPERTY, STREETS LANDSCAPING AND THE DRAINAGE SYSTEMS FOR THE DEPOSITION OF ERODED MATERIAL. SEE SHEET 4.
6. CONSTRUCTION AREA SHALL BE CONTROLLED TO PREVENT TRESPASS USE BY 4WD'S, ORV'S AND MOTORCYCLES TO MINIMIZE NOISE, DUST, DESTRUCTION OF VEGETATION, WIND AND WATER EROSION. SEE SHEET 4.


EARTHWORK NOTE:

BID ITEM 204.010 "FILL, CONSTRUCTION, INCL. EXCAVATION, PLACEMENT & COMPACTION OF UNCLASSIFIED MATERIAL, OVER 2 FT. DEEP, CIP" INCLUDES BOTH THE EXCAVATION OF THE MATERIAL AND PLACEMENT OF THE MATERIAL IN THE COMPACTED EMBANKMENT (OR WASTE). THE ESTIMATED QUANTITIES ARE BASED ON 12" STRIPPING AND A 30% SHRINKAGE.

THE EARTHWORK QUANTITIES WILL BE MEASURED AS FOLLOWS:

1. CALCULATE CUT AND FILL FROM CROSS SECTIONS.
2. BID ITEM 204.010 WILL EQUAL THE CUT VOLUME IN CUBIC YARDS (EXCEPT FOR 2 FT ROADWAY GRADE EXCAVATION, AND STRIPPING).
3. BID ITEM 205.010 "FILL, BORROW, HAUL & COMPACTION" WILL EQUAL THE FILL LESS THE CUT TIMES 0.70 (SHRINK) IN CUBIC YARDS.

WILSON & COMPANY
4900 LANG AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000



DATE
DEC. 2000

FILE NO.
98012

DESIGN
SJS

DRAWN
JLB

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CHAMISA COVE
GENERAL NOTES

Design Review Committee
APPROVED
FEB - 6 2001
DESIGN REVIEW COMMITTEE

City Engineer Approval
CITY ENGINEER
FEB 27 2001
APPROVED

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

City Project No. 656081
MAP NO. H-11-Z
Sheet 2 Of 17

X:\0015\MA SHEETS\W015SEN.DWG(6-21-00)\JLB

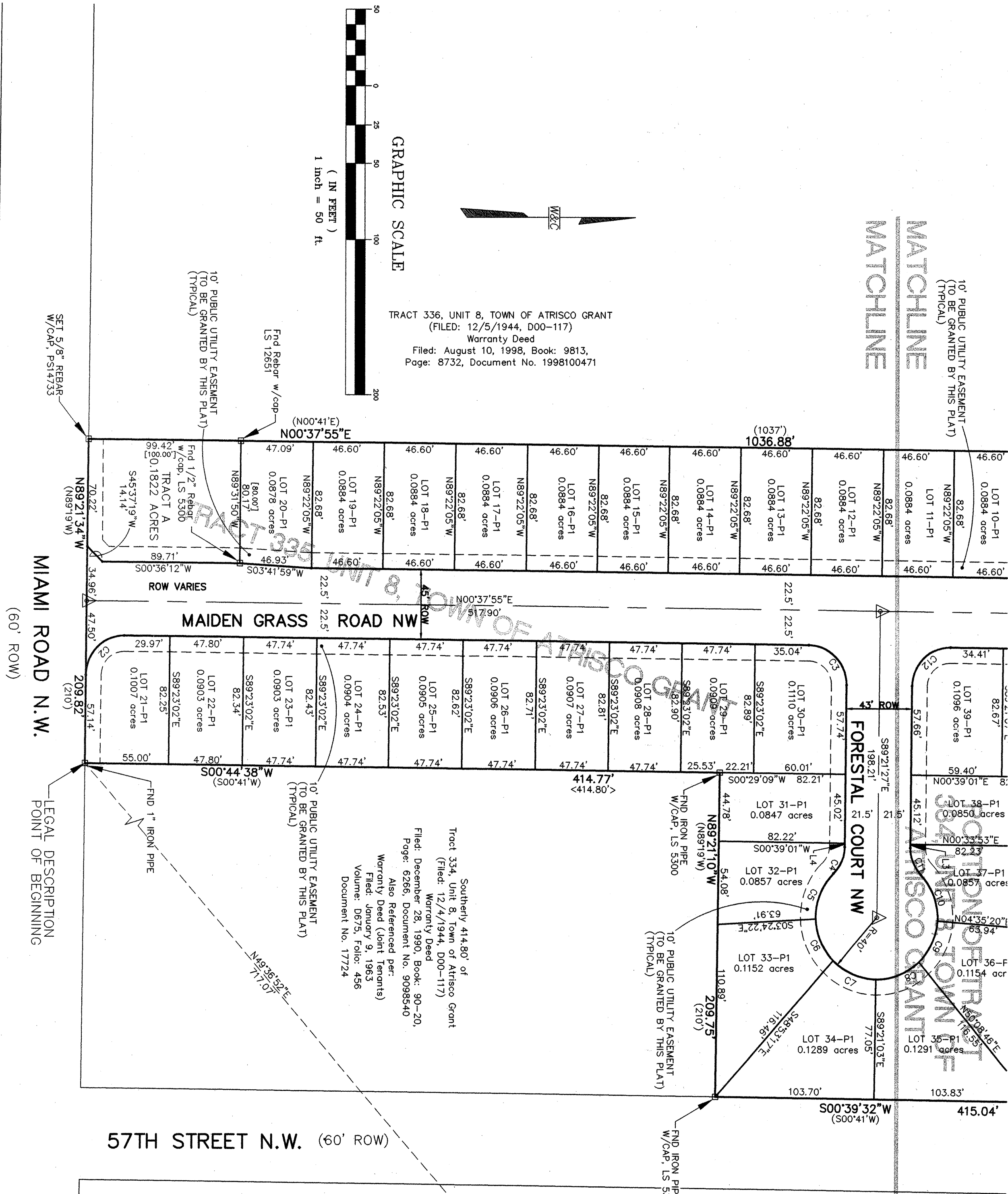
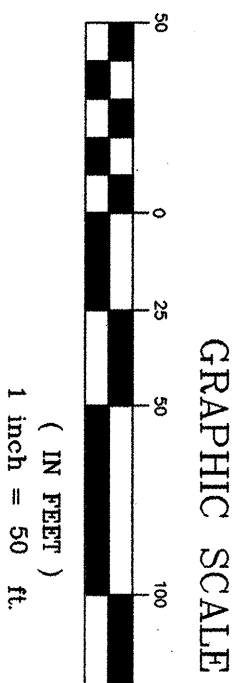
CHAMISA COVE SUBDIVISION
SITUATE WITHIN THE TOWN OF ATRISCO GRANT
WITHIN PROJECTED SECTION 11, T.10N., R.2E., N.M.P.M.
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
AUGUST 2000

SHT 4 OF 17

MATCHLINE
(TO BE GRANTED BY THIS PLAT)
(TYPICAL)

SEE SHEET 2 OF 3
SEE SHEET 3 OF 3

TRACT 336, UNIT 8, TOWN OF ATRISCO GRANT
(FILED: 12/5/1944, D00-117)
Warranty Deed
Filed: August 10, 1998, Book: 9813,
Page: 8732, Document No. 1998100471



PLAT NOTE:

SEE SHEET 2 OF 3 FOR LINE AND CURVE TABLES AND DOCUMENT NOTES, SURVEY NOTES AND PUBLIC UTILITY EASEMENT NOTES.

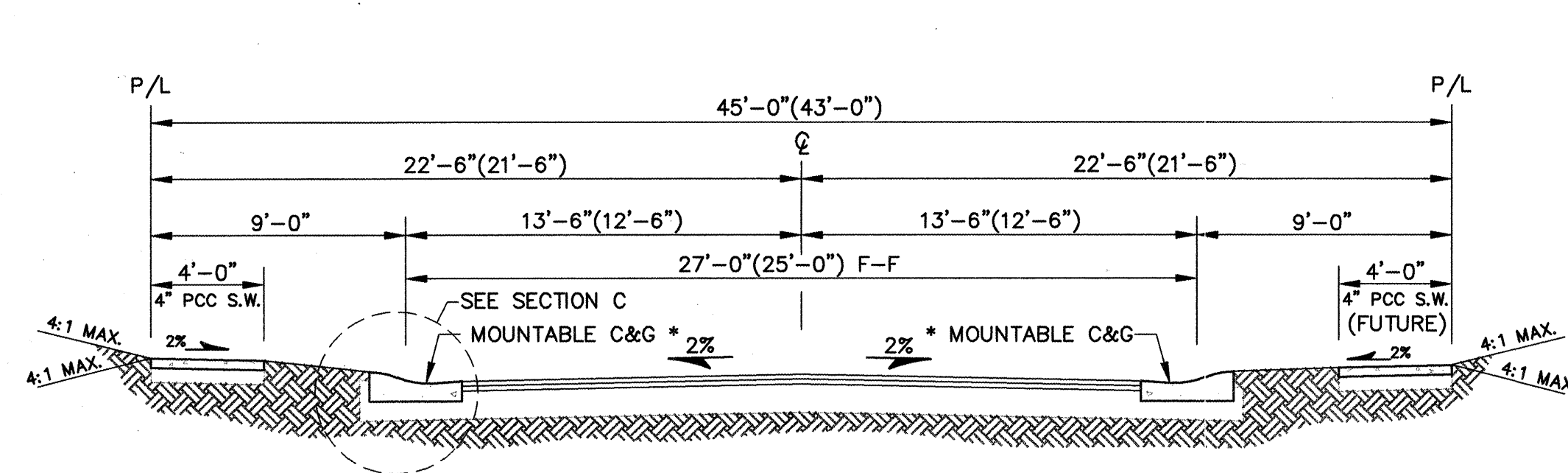
GENERAL SITE NOTES AND INFORMATION:

1. ZONING IS RD-10 DU/ACRE WITH A MINIMUM ALLOWABLE LOT SIZE OF 0.0826 ACRES.
2. MINIMUM LOT SIZE PROPOSED IS 0.0847 ACRES.
3. MINIMUM LOT AREA PROPOSED IS 0.0847 ACRES.
4. SITE IS SITUATED WITH THE EAST ATRISCO SECTION DEVELOPMENT PLAN.
5. NUMBER OF LOTS PROPOSED IS FIFTY SIX (56).
6. SETBACK PER ZONE REQUIREMENTS (RD-10 DU/ACRE, R-T AND R-1) ARE AS FOLLOWS:
FRONT: NOT LESS THAN 15 FEET EXCEPT DRIVEWAYS SHALL NOT BE LESS THAN 20 FEET.
REAR: NOT LESS THAN 15 FEET.
SIDE: NOT LESS THAN 15 FEET ON STREET SIDE OF CORNER LOTS AND 5 FEET FROM SIDE LOT LINE THAT SEPARATES THE R-T ZONE FROM ANOTHER ZONE.
7. OPEN SPACE CALCULATIONS WERE PROVIDED TO PARKS & RECREATION.
8. TOTAL REMAINING OPEN SPACE REQUIREMENTS ARE MET VIA A CASH PAYMENT TO THE CITY OF ALBUQUERQUE PER THE PROVISIONS OF SECTION 14-16-3-8 (A) (2).
9. DIMENSIONED TYPICAL LOT PLAN IS FOUND ON THE GRADING AND DRAINAGE PLAN SUBMITTED TO CITY HYDROLOGIST.

WILSON & COMPANY
4900 LANG AVENUE NE
ALBUQUERQUE, NEW MEXICO
87109

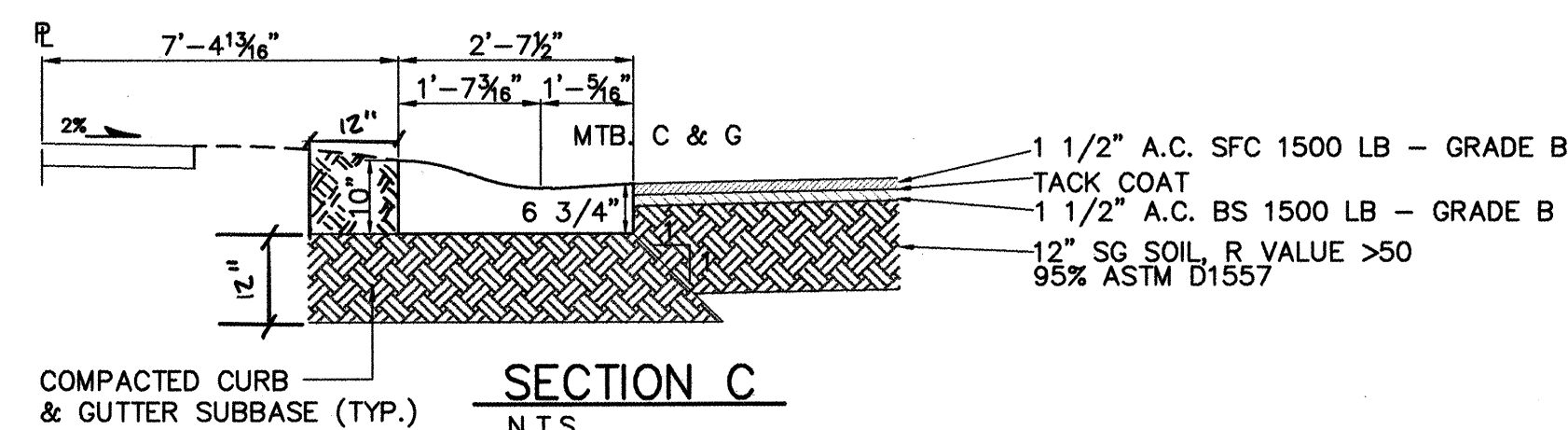
SHEET 3 OF 3
WEA PROJECT NO. XO-210-015

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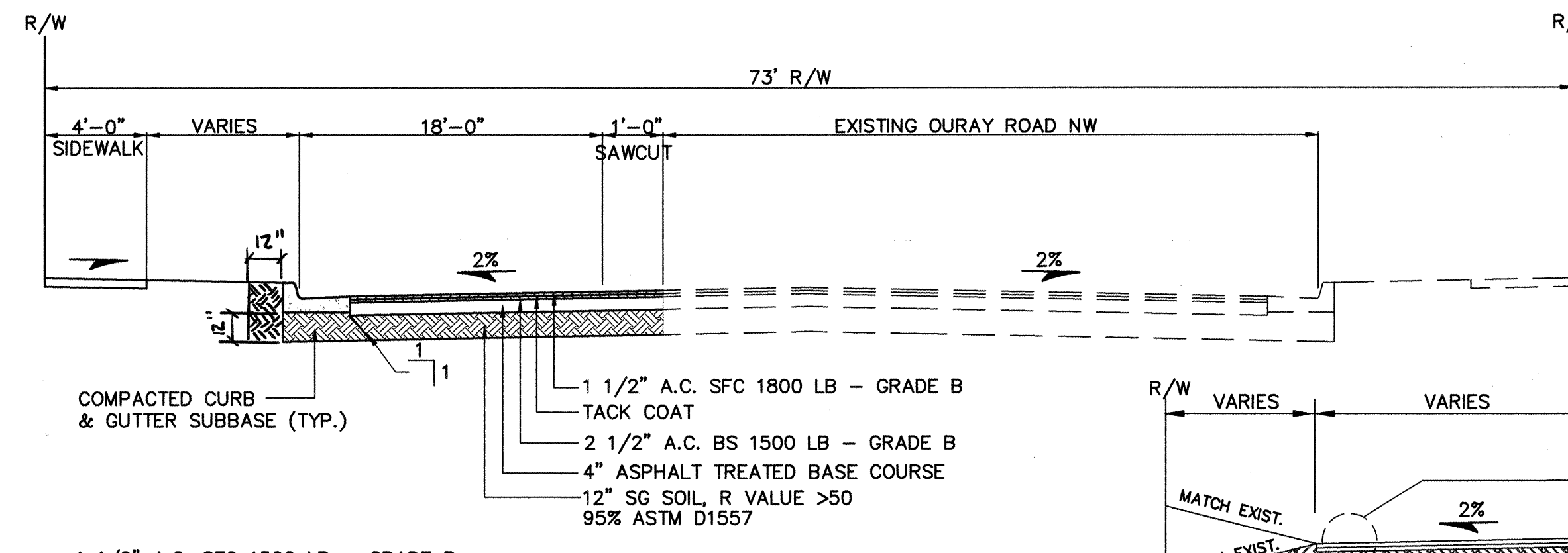


TYPICAL SECTION - RESIDENTIAL STREETS 45' & (43') R/W
N.T.S.
PAVING RESIDENTIAL STREET SECTION (FLEXIBLE PMT) STD DWG 2405
MAIDEN GRASS ROAD NW, FORESTAL COURT NW & POTENTILLA COURT NW

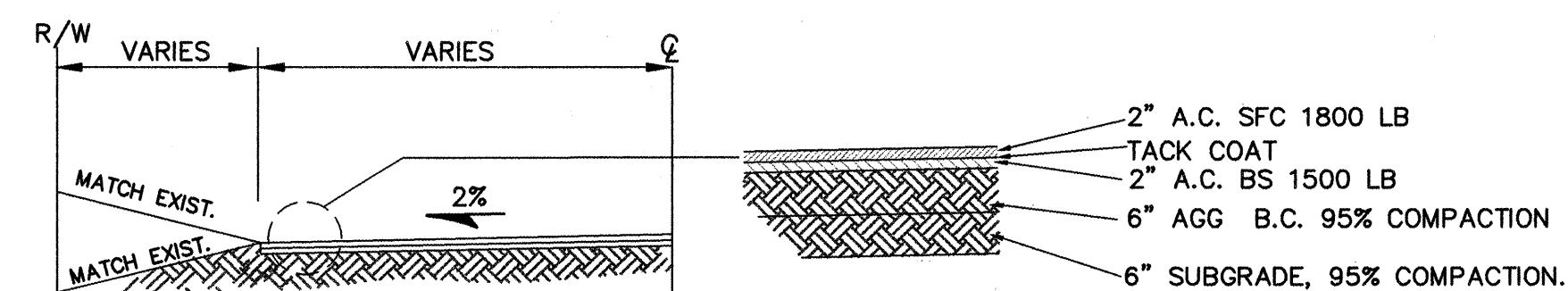
* ROLL TYPE CURB AND GUTTER (MOUNTABLE) STD DWG 2415
STANDARD CURB AND GUTTER WILL BE USED ON TURNOUTS @ OURAY RD, MIAMI RD
AT INLETS. SEE PLAN FOR TRANSITION.



SECTION C
N.T.S.



SECTION B-B
OURAY ROAD TYPICAL SECTION
N.T.S. (PER COA PROJECT #623181)



TEMPORARY ASPHALT SECTION - OURAY ROAD NW
N.T.S.

1/2 SECTION TEMPORARY
PAVING SEE SHT. 13

4' SIDEWALK PER
STD. DWG. 2430

1/2 SECTION
SEE THIS SHT.

2' SIDEWALK CULVERT
W/STEEL PLATE TOP
PER STD DWG 2236

6' VALLEY GUTTER
PER STD DWG 2420

MIAMI ROAD N.W.

STREET LIGHTING TO BE
INSTALLED BY OTHERS

MOUNTABLE CURB AND
GUTTER PER STD. DWG 2415

4' SIDEWALK
PER STD. DWG 2430
DEFERRED

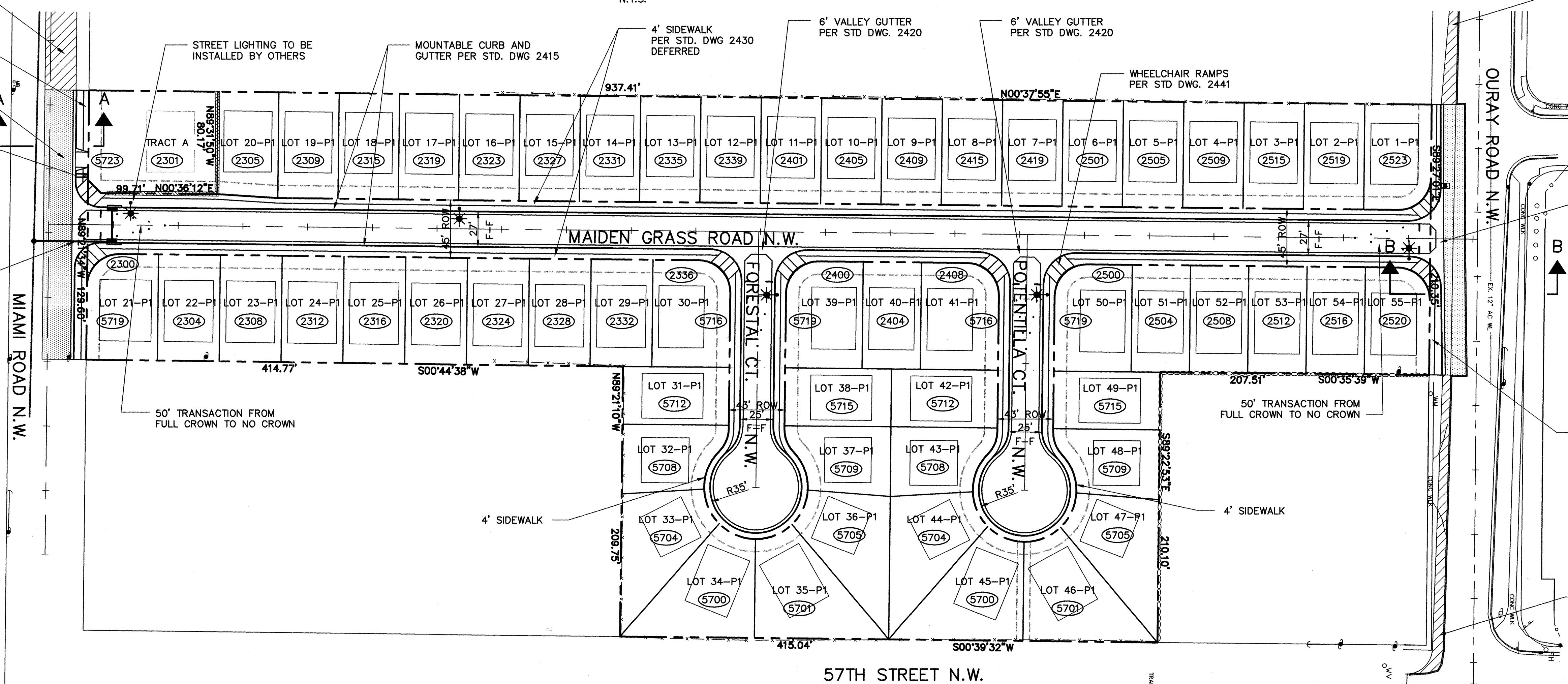
6' VALLEY GUTTER
PER STD DWG. 2420

6' VALLEY GUTTER
PER STD DWG. 2420

WHEELCHAIR RAMPS
PER STD DWG. 2441

TEMP. PAVING
SEE SHT. 15

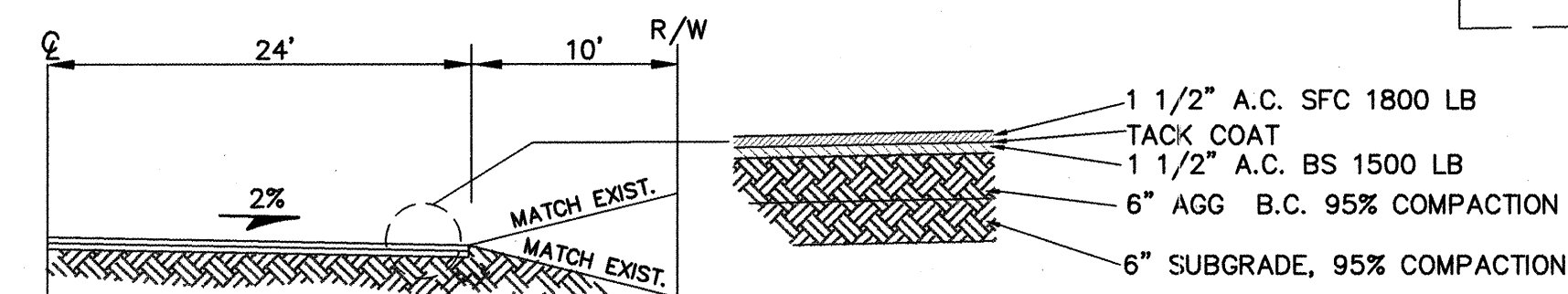
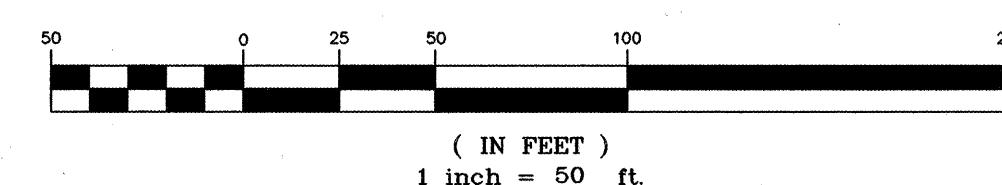
NOTE:
IF SOIL R-VALUE <50 CONTRACTOR SHALL
REMOVE & REPLACE 18" DEPTH WITH SOIL
R-VALUE >50



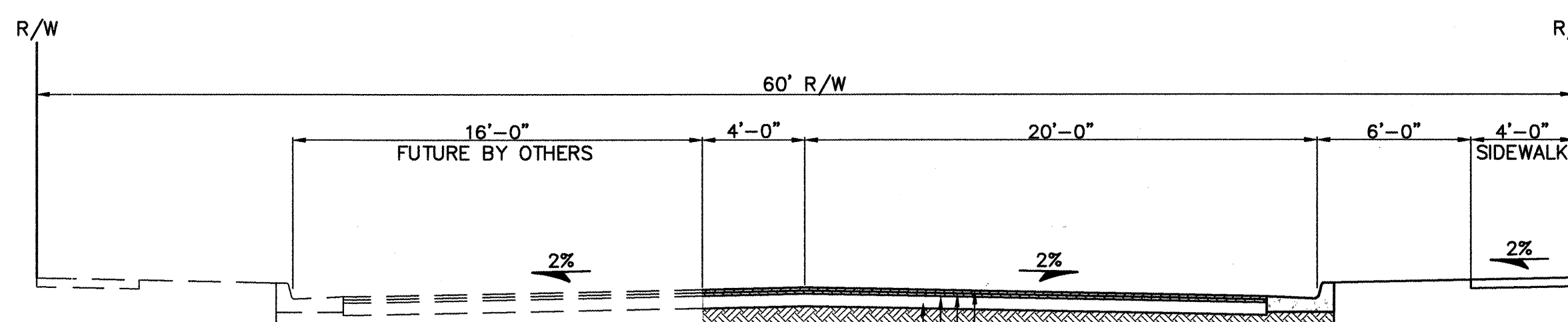
LEGEND

- WHEELCHAIR RAMP
- CROWN REDUCTION
- SIDEWALK
- FACE OF CURB
EDGE OF PAVEMENT
- CENTER LINE
- LOT 35-P1 LOT NUMBER
LOT ADDRESS
- STREET LIGHTING (5 ea.)
- TEMPORARY PAVEMENT SECTION

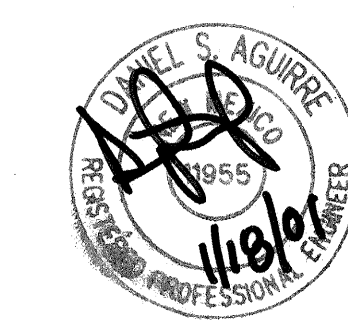
GRAPHIC SCALE



TEMPORARY ASPHALT SECTION - MIAMI ROAD NW
N.T.S.



SECTION A-A
MIAMI ROAD TYPICAL SECTION
N.T.S.



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87109
(505) 348-4000

DATE	JAN. 2001	DESIGN	SJS	DRAWN	JLB
FILE NO.	X0015				

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

**CHAMISA COVE
OVERALL PAVING PLAN**

Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FEB - 6 2001	FEB 27 2001		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
656081	H-11-Z	5	17

NOTICE TO CONTRACTOR

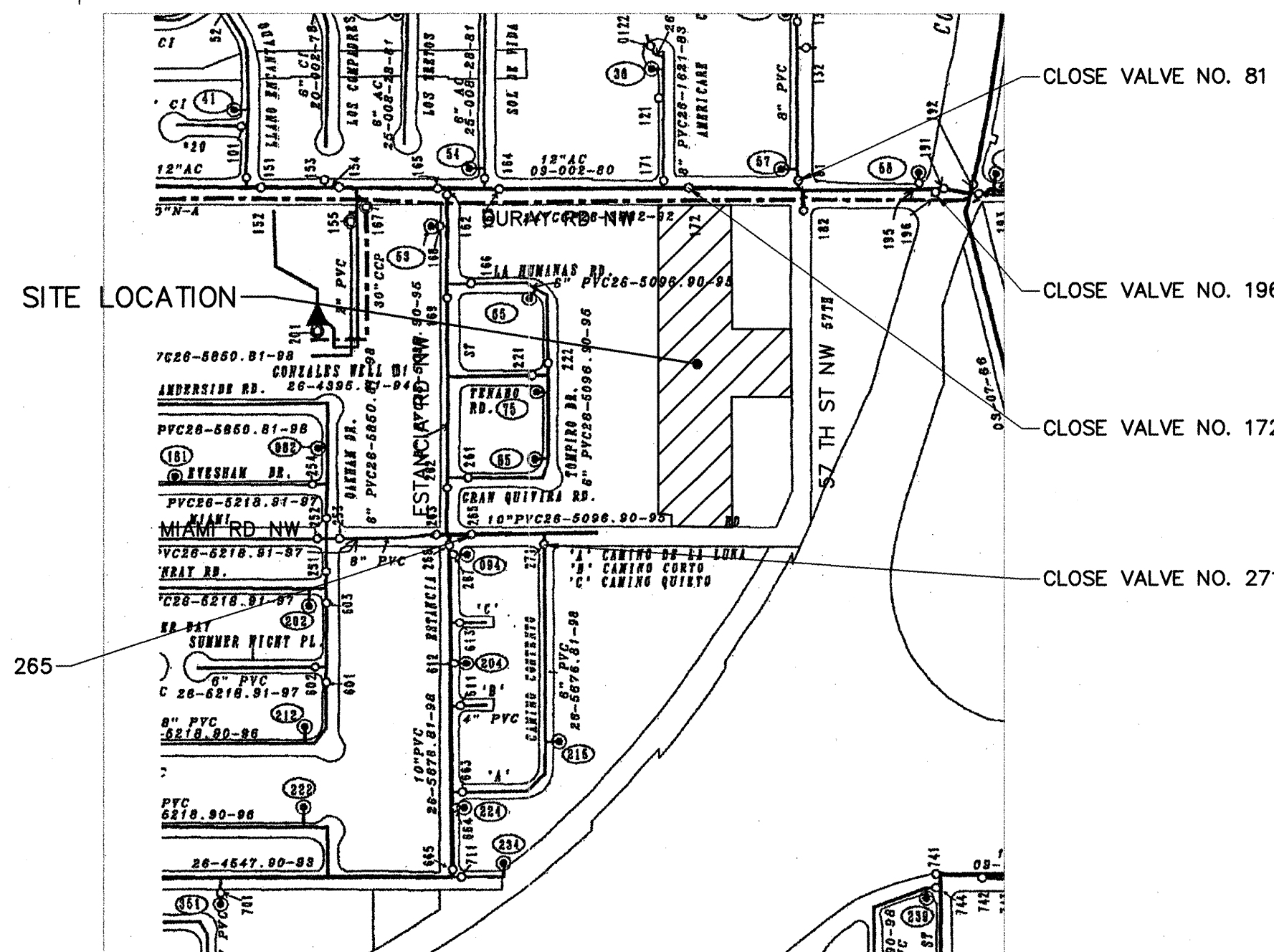
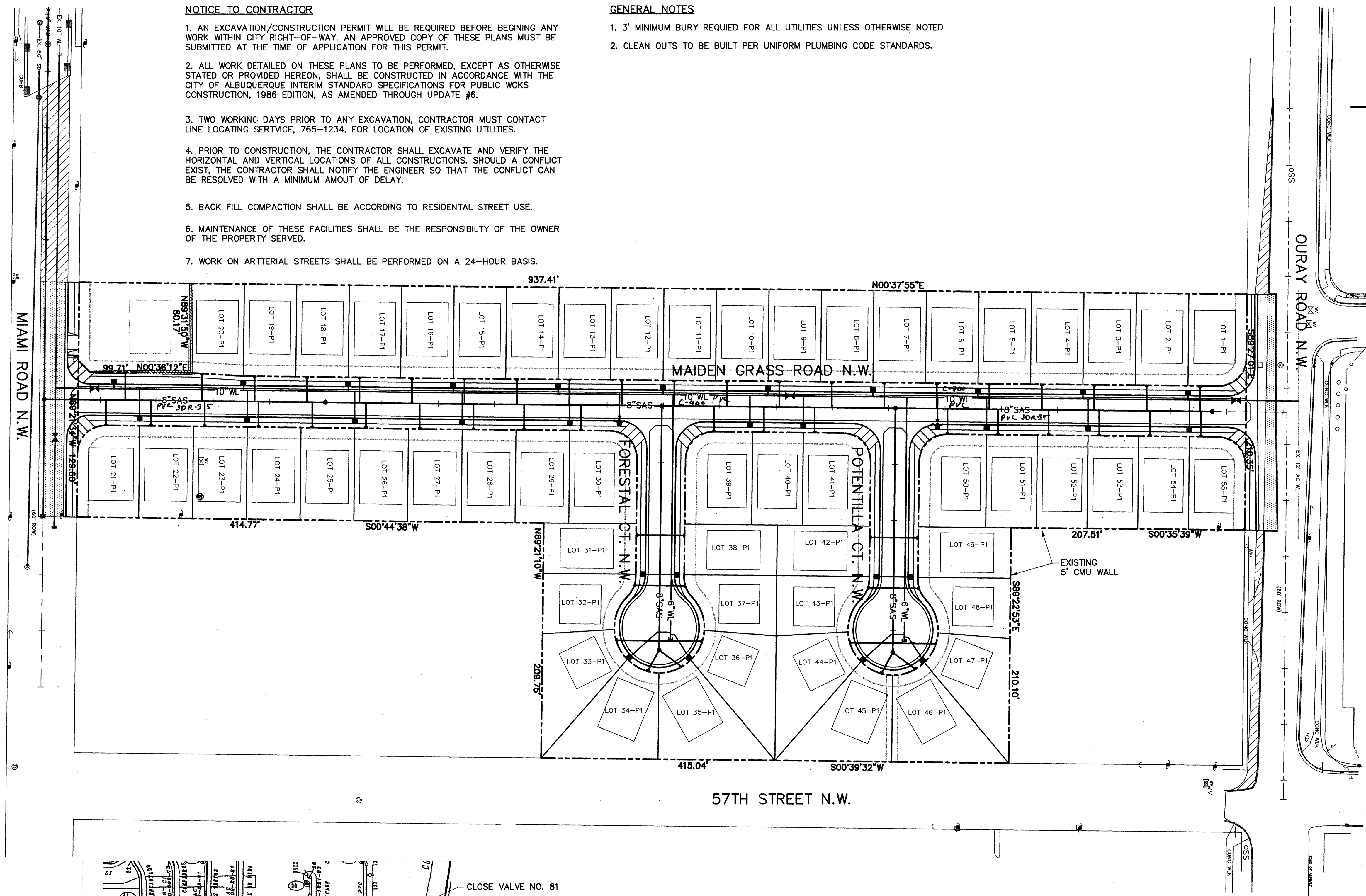
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WOKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUT OF DELAY.
5. BACK FILL COMPACTION SHALL BE ACCORDING TO RESIDENTAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

GENERAL NOTES

1. 3' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED
2. CLEAN OUTS TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.

LEGEND

- PROPOSED SAS SERVICE
- PROPOSED WATER METER & SERVICE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SAS MANHOLE
- EXISTING WATERLINE VALVE
- EXISTING SANITARY SEWER MANHOLE



WATER SHUTOFF PLAN

NOTES

1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN.
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF THE VALVES INDICATED IN THE PLAN.

RESTRAINED JOINT TABLE

		LENGTH OF RESTRAINED PIPE EACH WAY (L _R) (FEET)					
PIPE SIZE	90°	45°	22-1/2°	11-1/4°	**TEE	VALVE/FH/CAP	REDUCER
6"	-	-	-	-	5'	46'	-
10"	-	-	-	-	20'	72'	-

- * TEE BRANCH - EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- **TEE BRANCH RESTRAINED LENGTH IS 1 FT.



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DATE DEC. 2000
DESIGN SJS
DRAWN JLB

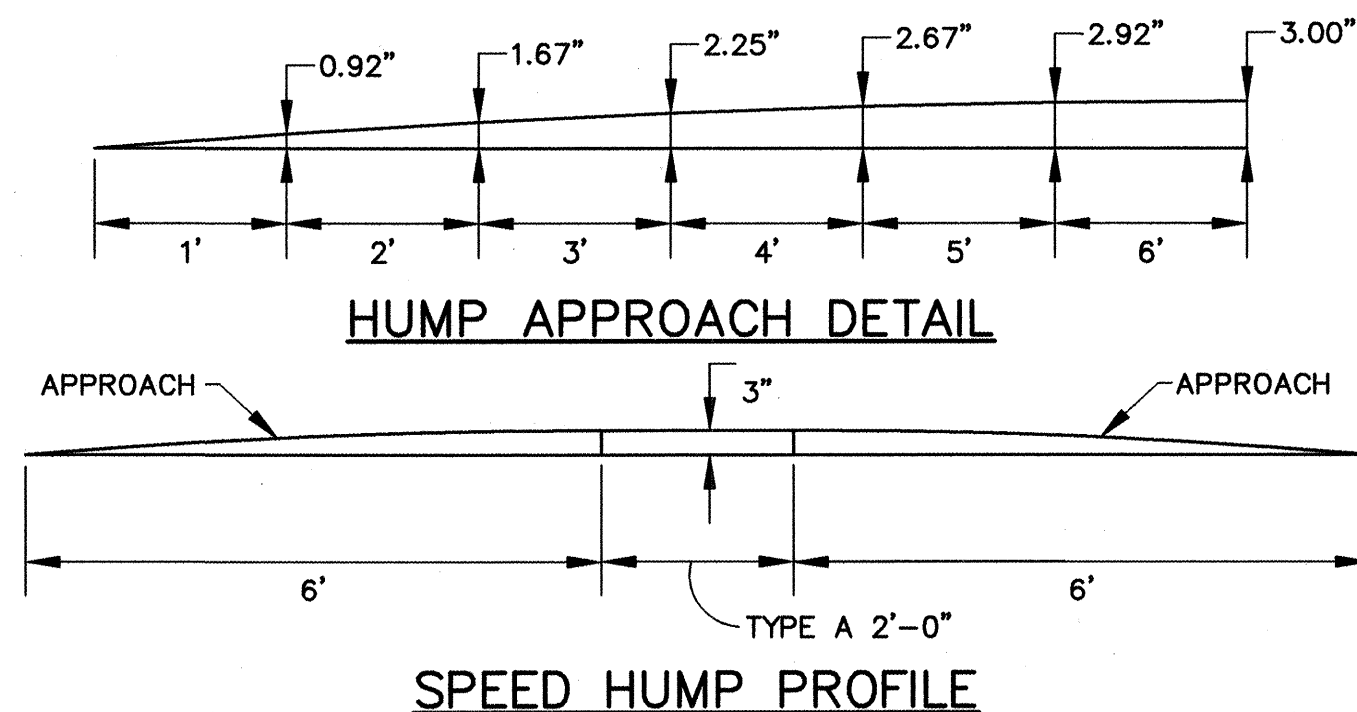
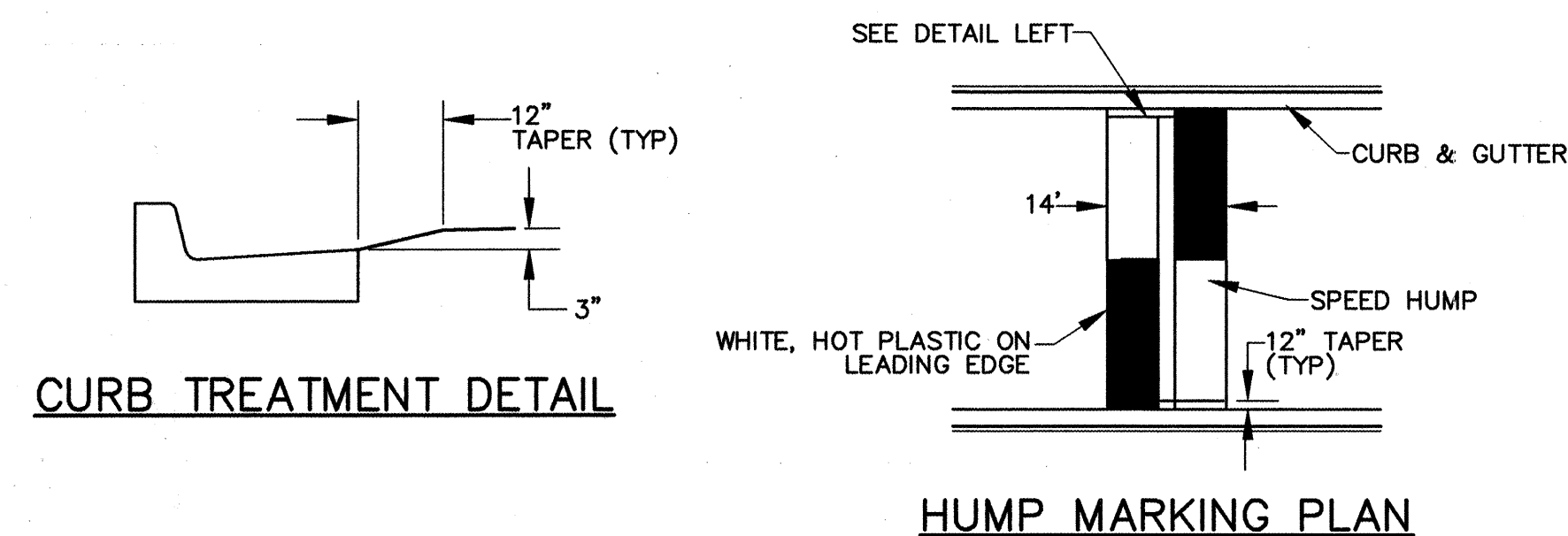
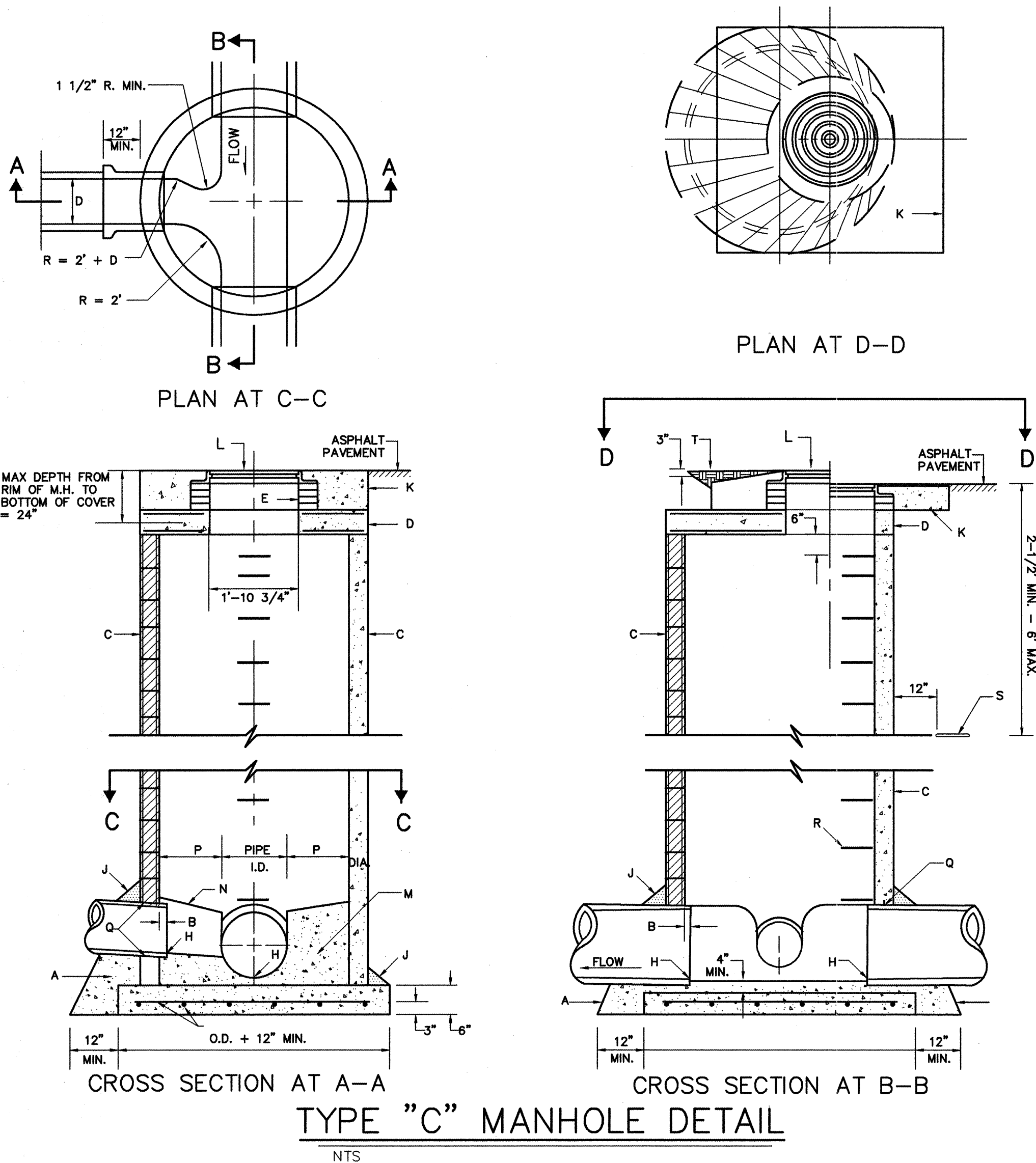
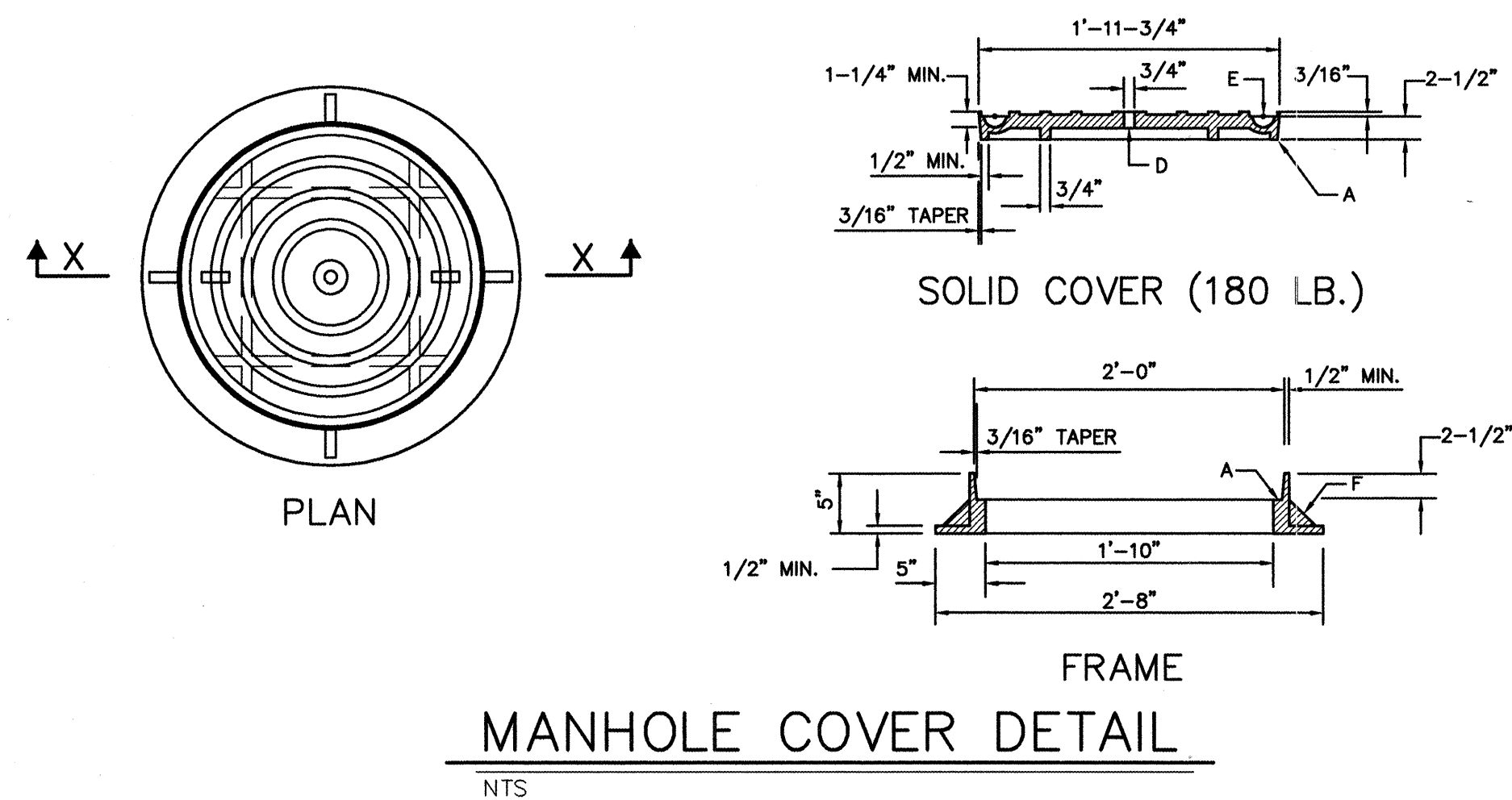
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
CHAMISA COVE
OVERALL UTILITY PLAN

Design Review Committee
FEB - 6 2001

City Engineer Approval
FEB 27 2001
CITY ENGINEER

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

City Project No. 656081
Zone Map No. H-11-Z
Sheet 6 Of 17



GENERAL NOTES:

- STANDARD CAST IRON M.H. FRAME AND COVER. WEIGHTS: COVER = 180 LBS., FRAME = 145 LBS. TOTAL = 320 LBS. (TOLERANCE = $\pm 5\%$)

- REFERENCE SPEC. SECTION 130.

CONSTRUCTION NOTES:

- MACHINED OR GROUND BREAKING SURFACES.
- "STORM" CAST ON COVER TO IDENTIFY STORM DRAINAGE SYSTEM.
- LETTER SIZE TO BE 1" MIN. IN HEIGHT, TYPICAL.
- VENT HOLE REQUIRED.
- MONOLITHIC CAST IRON OR STEEL ROD INSERTS AT MANUFACTURER'S OPTION. IF INSERT IS PROVIDED IT MUST HAVE 3/16" COVER AND 3/4" END EMBEDMENT IN CASTING.
- GUSSETS OPTIONAL IF REQUIRED BY MANUFACTURER.

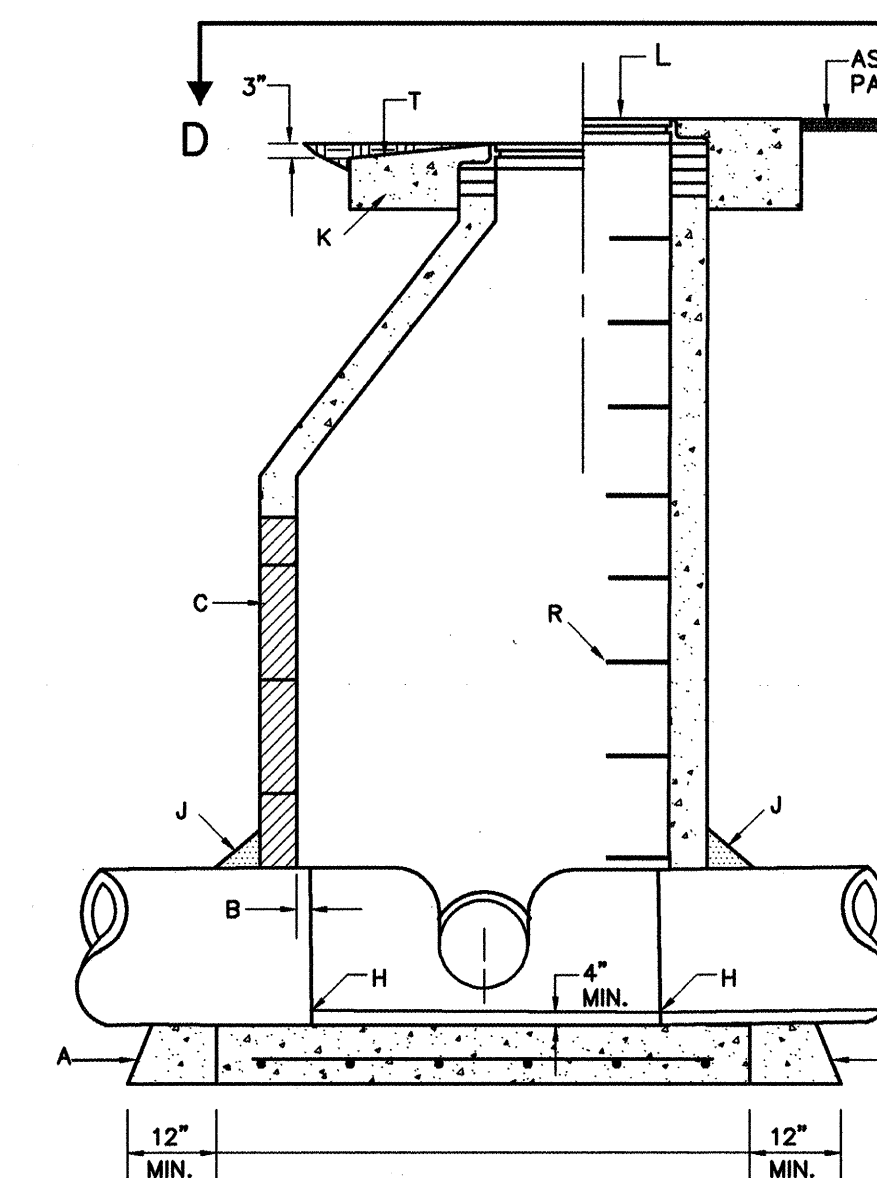
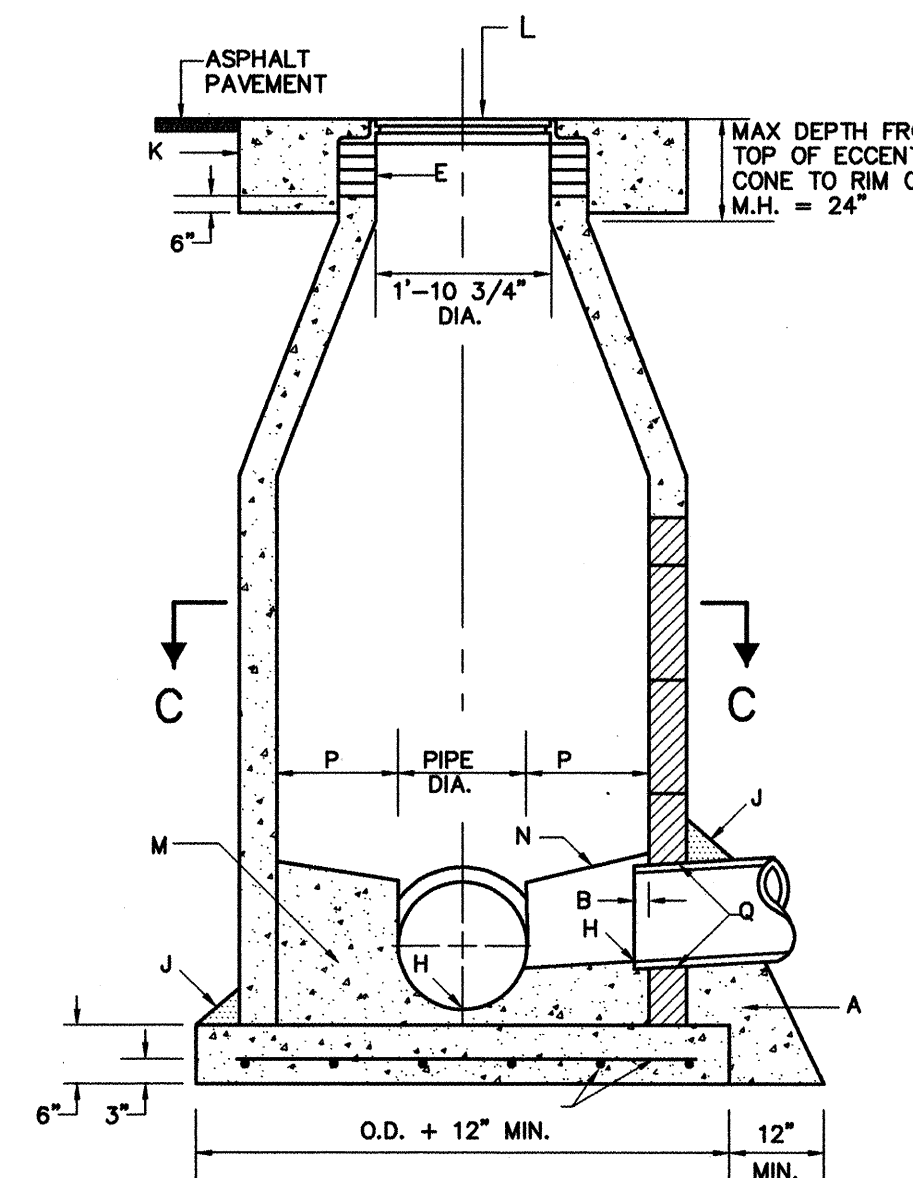
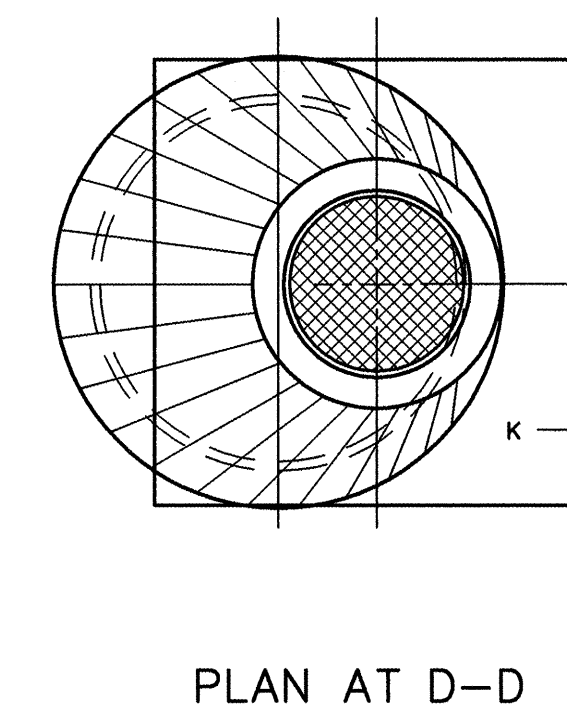
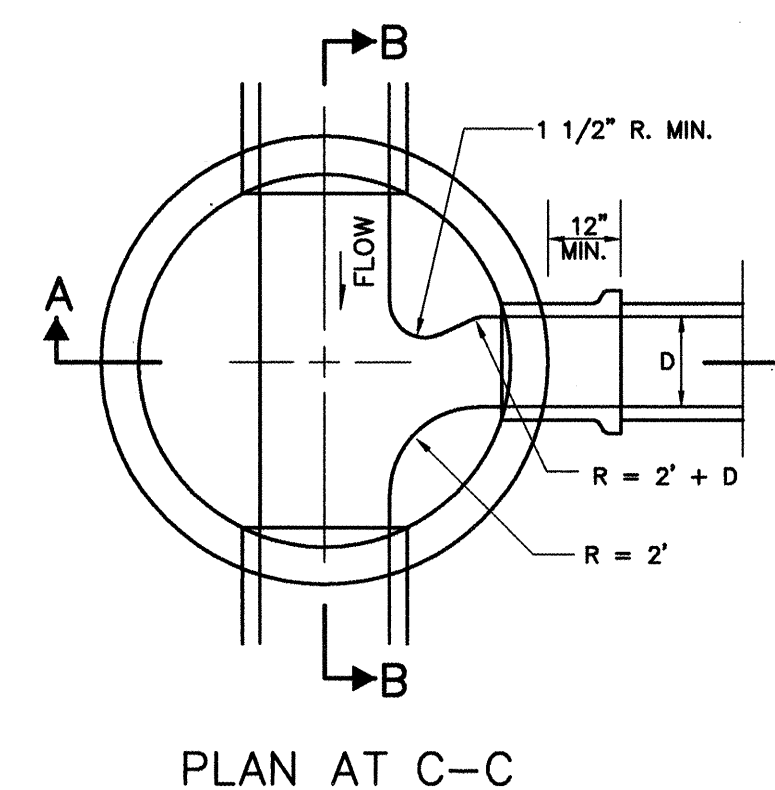
MANHOLE TYPE "C"

GENERAL NOTES:

- USE TYPE "C" MANHOLE FOR DEPTHS OF LESS THAN 6' MEASURED FROM INVERT TO RIM.
- CONTRACTOR HAS OPTION TO CONSTRUCT TYPE "C" MANHOLE IN LIEU OF TYPE "E" MANHOLE FOR DEPTHS OF 6' OR MORE.
- DESIGN APPLIES TO 4' AND 6' I.D. MANHOLES.
- MANHOLES GREATER THAN 18' IN DEPTH SHALL ONLY BE CONSTRUCTION PRECAST CONCRETE SECTIONS.
- USE NON-SHRINK GROUT FOR JOINTS, FILLETS AND PIPE PENETRATIONS.
- COMPACT ALL BACKFILL AROUND MANHOLE TO 95%.
- POSITION MANHOLE OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.

CONSTRUCTION NOTES:

- CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF MANHOLE TO BELL OF FIRST JOINT AND SHALL CRADLE PIPE TO SPRING LINE NOT APPLICABLE FLEXIBLE PIPE.
- PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAXIMUM, MEASURED AT SPRINGLINE OF PIPE.
- MANHOLE MAY BE CONSTRUCTED OF CONCRETE BLOCK, GR. MS BRICK, POURED CONCRETE OR PRECAST REINFORCED CONCRETE. IF BLOCK OR BRICK PLASTER INSIDE AND OUT WITH 1/2" MORTAR. SEE DWG. 2118 FOR DETAILS.
- PRECAST CONCRETE COVER, SEE DWG. 2107.
- USE MAXIMUM 4 COURSES GRADE MS BRICK ON UNPAVED STREET FOR FUTURE ADJUSTMENT OF FRAME TO PAVEMENT GRADE. PLASTER INSIDE WITH 1/2" MORTAR.
- BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EACH WAY FOR MANHOLES DEPTHS OF 16' OR GREATER, USE NO. 4 BARS AT 12" O.C. EACH WAY FOR MANHOLES LESS THAN 16' DEEP.
- INVERT ELEVATION OF STUB OR LATERAL AS SHOWN ON PLANS.
- 6" GROUT FILLET ON UPPER HALF OF PIPE AND AROUND BASE.
- USE A 5' X 5' CONCRETE PAD IN ALL AREAS.
- MANHOLE FRAME AND COVER, SEE DWG. 2110.
- CONCRETE, SEE SECTION 101.
- SLOPE 1" PER FOOT FROM PIPE CROWN.
- SHELF TO BE 9" WIDE MINIMUM.
- APPROVED WATERSTOP TO BE COMPATIBLE WITH TYPE OF PIPE.
- STEPS TO BE INSTALLED AS PER SPEC. SECTION 920.
- EMD (IN UNPAVED AREAS).
- IN UNPAVED AREAS SET FRAME TO GRADE AND SLOPE TOP OF PAD.



TYPE "E" MANHOLE DETAIL

NTS

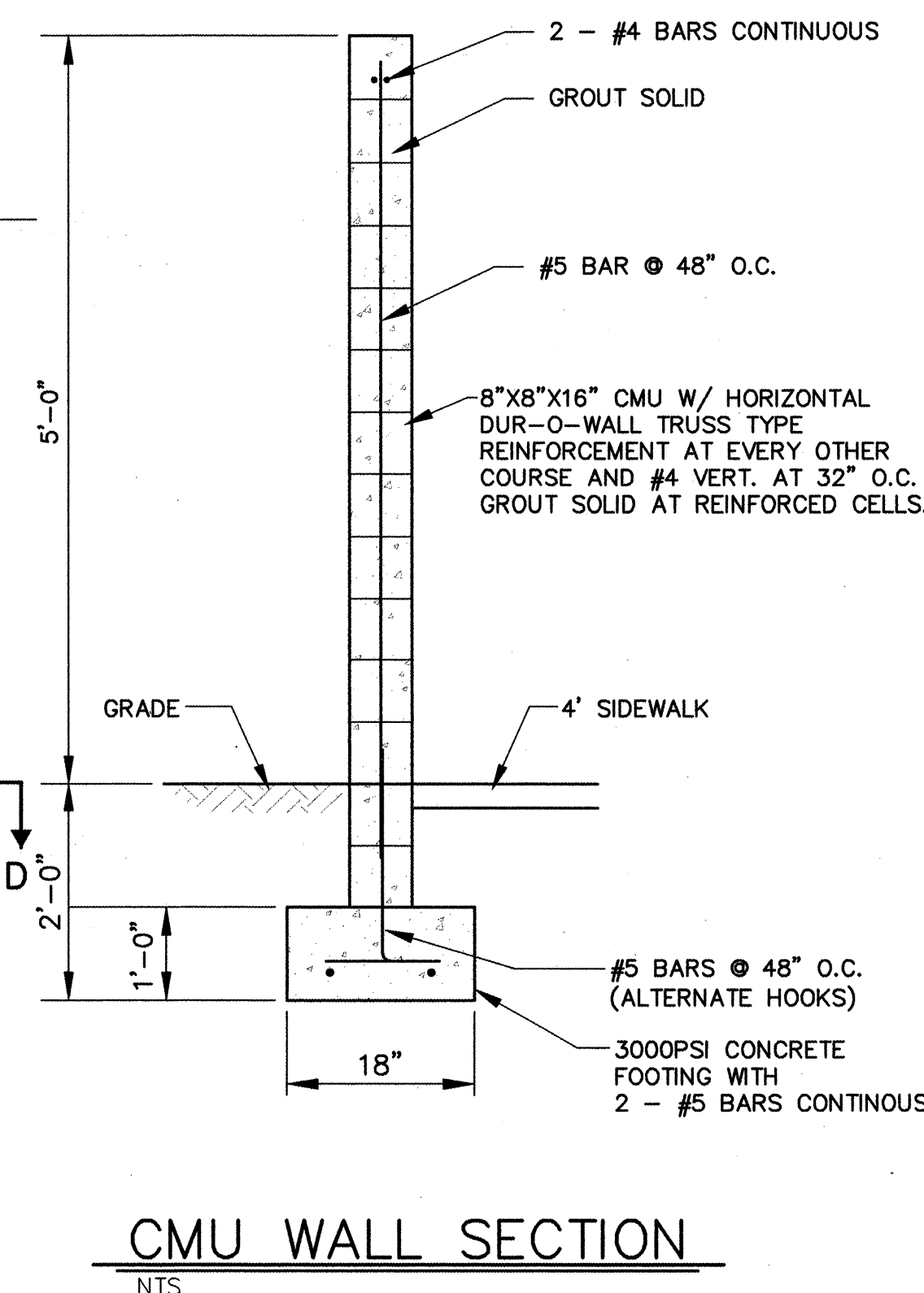
CONSTRUCTION NOTES:

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- PRECAST REINFORCED CONCRETE ECCENTRIC CONE. THE CONTRACTOR SHALL PROVIDE SHOP DWGS. FOR APPROVAL.
- USE MAXIMUM 4 COURSES GRADE MS BRICK ON UNPAVED STREET FOR FUTURE ADJUSTMENT OF FRAME TO PAVEMENT GRADE. PLASTER INSIDE WITH 1/2" MORTAR.
- BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EACH WAY FOR MANHOLES DEPTHS OF 16' OR GREATER, USE NO. 4 BARS AT 12" O.C. EACH WAY FOR MANHOLES LESS THAN 16' DEEP.
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- STEPS TO BE INSTALLED AS PER SPEC. SECTION 920.
- EMD (IN UNPAVED AREAS).
- IN UNPAVED AREAS SET FRAME TO GRADE AND SLOPE TOP OF PAD.

MANHOLE TYPE "E"

GENERAL NOTES:

- TYPE "E" MANHOLE NOT TO BE USED FOR DEPTHS LESS THAN 6' MEASURED FROM INVERT TO RIM.
- MANHOLES GREATER THAN 18' IN DEPTH SHALL BE OF PRECAST CONCRETE SECTIONS ONLY.
- DESIGN APPLIES TO 4' AND 6' I.D. MANHOLES.
- USE NON-SHRINK GROUT FOR JOINTS, FILLETS AND PIPE PENETRATIONS.
- COMPACT ALL BACKFILL AROUND MANHOLE TO 95%.
- POSITION MANHOLE OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.



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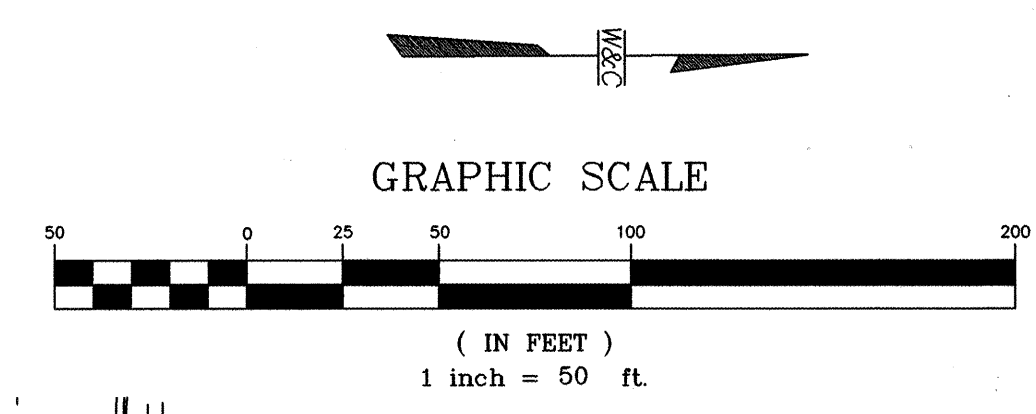
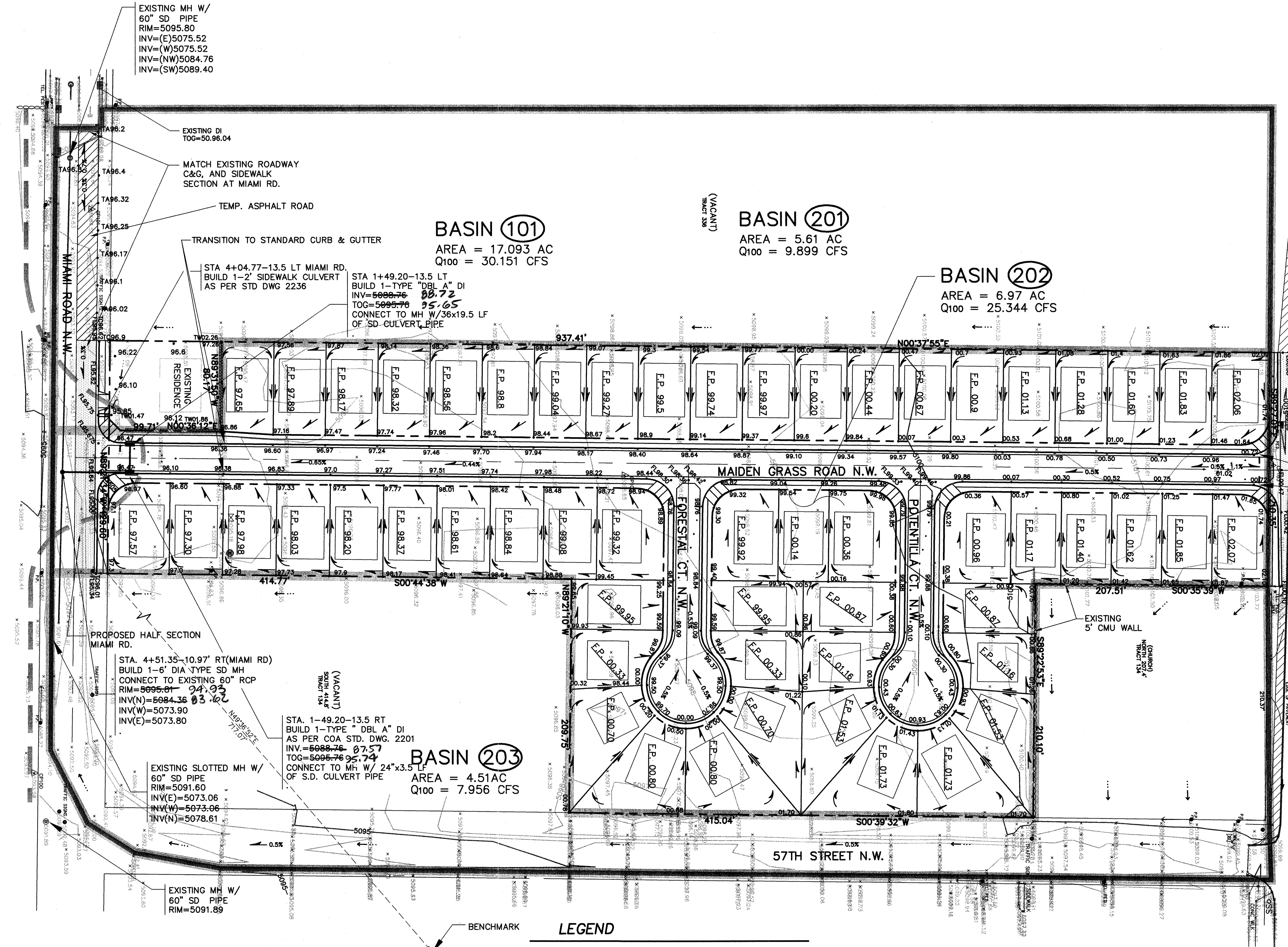


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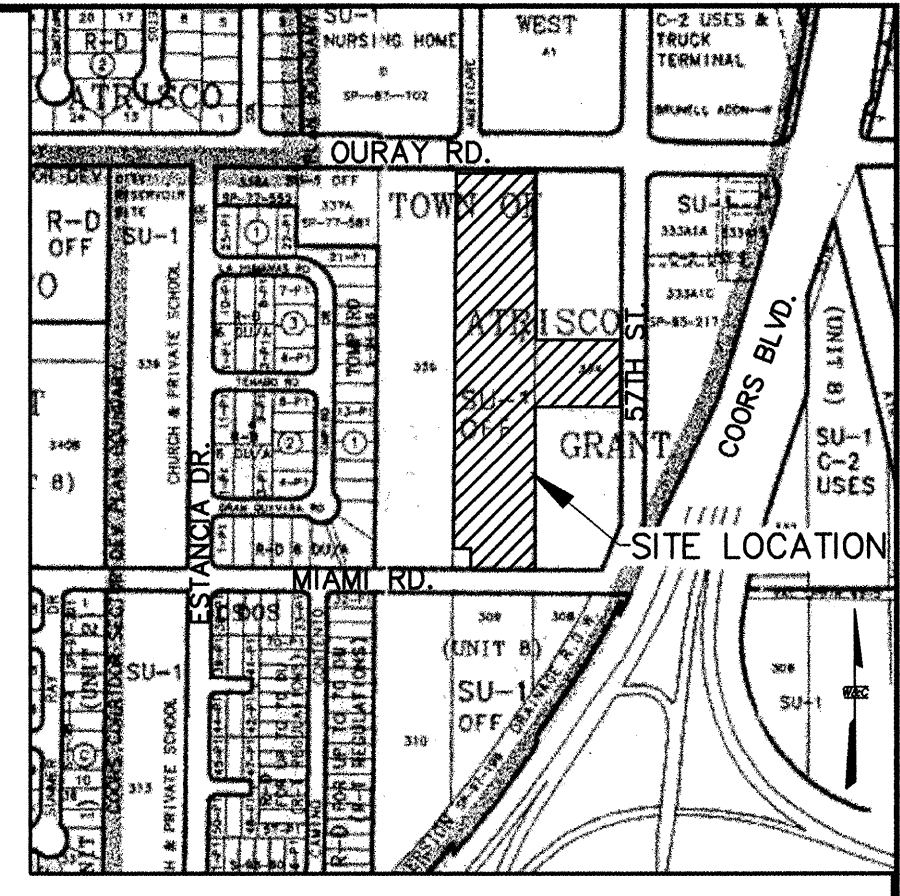
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
CHAMISA COVE
MISCELLANEOUS DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
FEB - 8 2001	FEB 27 2001		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	Lost Design Update	
City Project No. 656081	MAP NO. H-11-Z	Sheet 7	Of 17

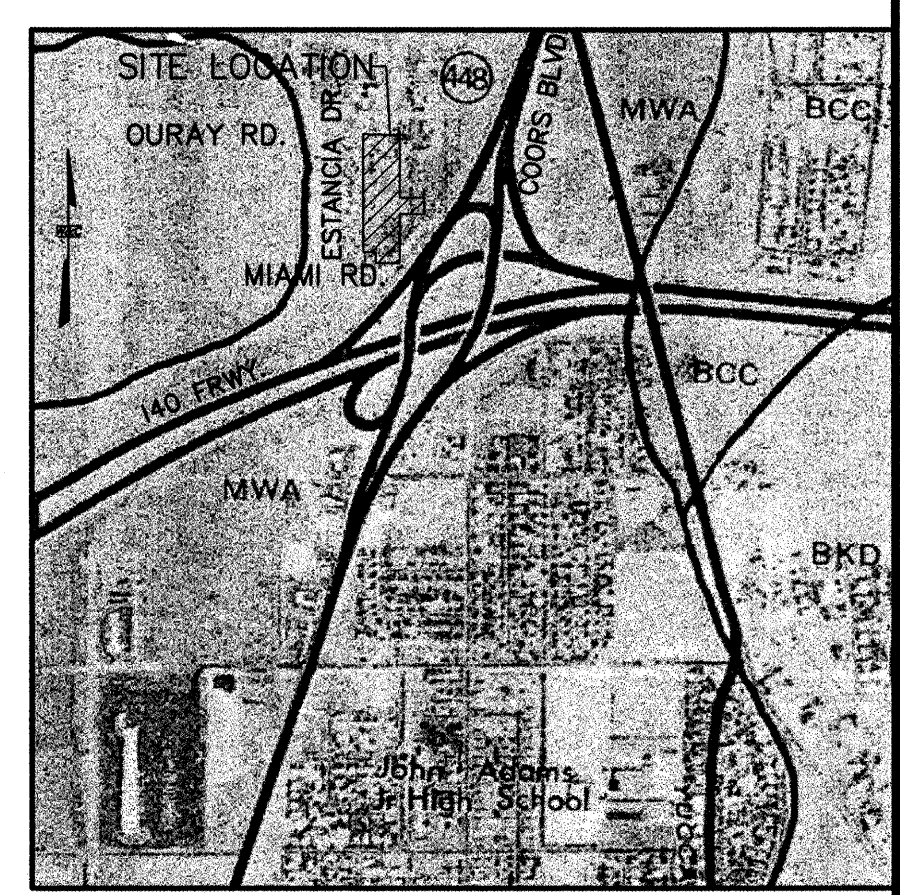
SCANNED BY MESA REPRO



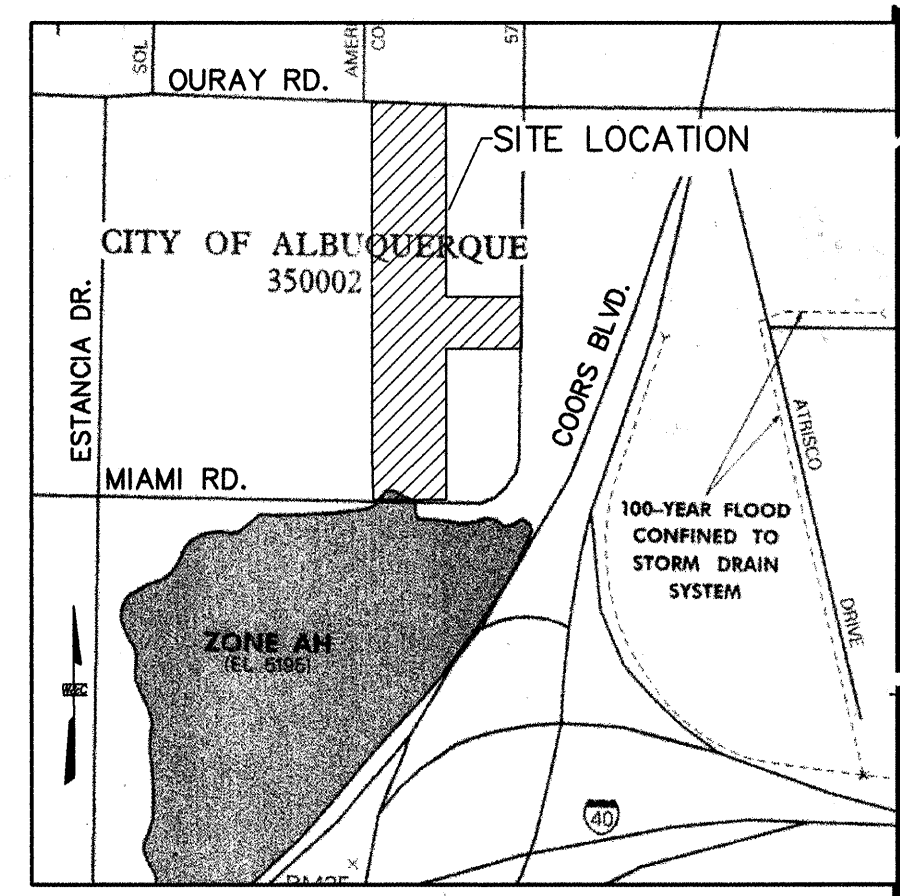
- GENERAL NOTES**
- CROSS LOT DRAINAGE WILL NOT BE PERMITTED.
 - ALL DRAINAGE SWALES AND YARD AREAS SHALL HAVE MINIMUM SLOPES OF 0.5% IN THE DIRECTIONS INDICATED BY THE FLOW ARROWS AND MAXIMUM SLOPES OF 3 HORIZONTAL TO 1 VERTICAL.
 - BUILDING PADS SHALL BE SET AT LEAST 0.2' ABOVE THE HIGHEST ELEVATION OF ADJACENT SWALES.
 - DRIVEWAYS SHALL SLOPE TOWARD THE STREETS AT A MINIMUM SLOPE OF 1% AND A MAXIMUM SLOPE OF 10%.
 - USEABLE BACKYARD AREAS SHALL HAVE SETBACK OF 15' FROM LOTLINE, AND SHALL SLOPE AWAY FROM THE BUILDING PADS AT A GRADE BETWEEN 1% AND 5%.
 - WHERE YARD GRADES OF ADJACENT LOTS AT PROPERTY LINES CAN NOT BE MATCHED USING THE ABOVE CRITERIA, RETAINING WALLS SHALL BE PROVIDED AS NECESSARY TO ACCOMMODATE THE GRADE DIFFERENTIALS.



LOCATION MAP
ZONE ATLAS MAP NO. H-11



SOILS MAP
REFERENCE: SCS BERNALILLO COUNTY SOIL SURVEY SHEET NO. 327



FLOOD INSURANCE MAP
REFERENCE: FLOOD INSURANCE STUDY PANEL 327

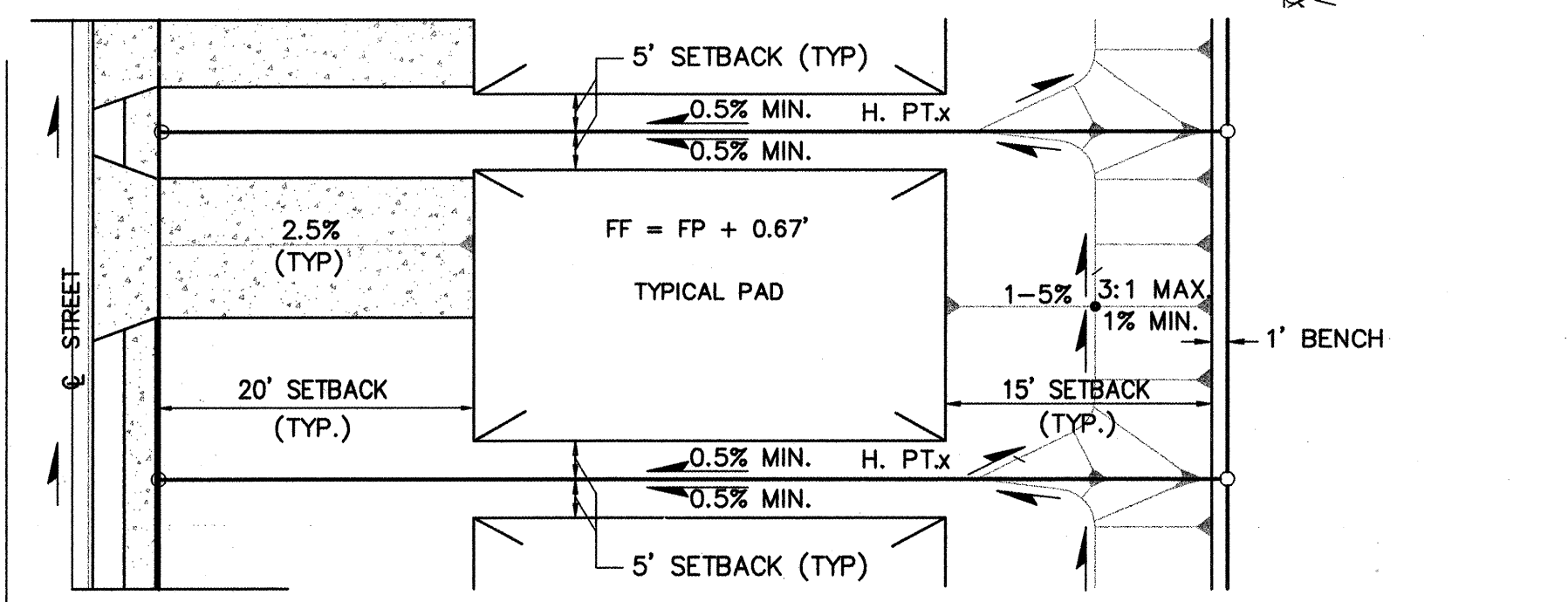
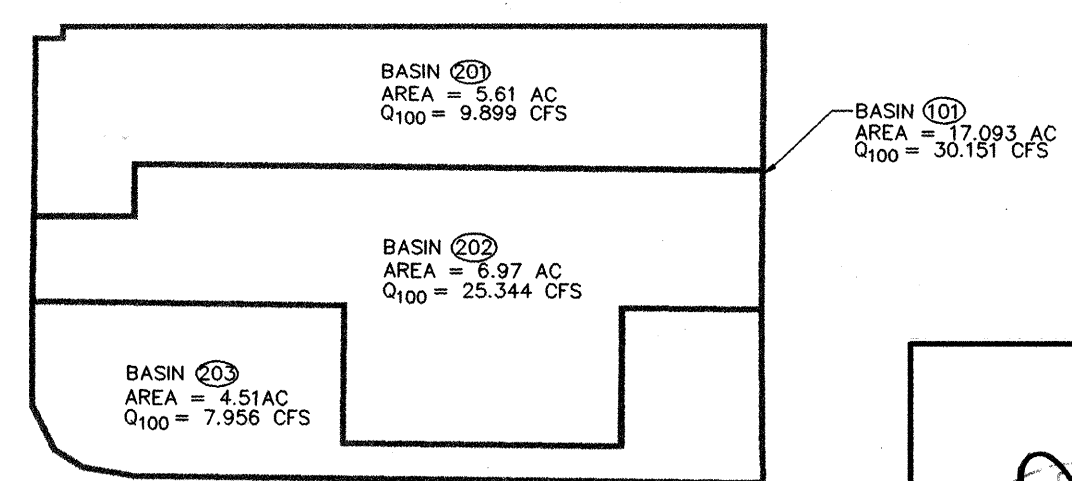
- EROSION CONTROL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING NPDES PERMIT FOR THE SITE.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
 - ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
 - CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINING WORK.
 - REPAIR OF DAMAGED FACILITIES & CLEANUP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES & IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.

LEGAL DESCRIPTION

TRACT No. 334 AND TRACT No. 335 IN UNIT 8, AS SHOWN ON THE PLAT SHOWING A PORTION OF TRACTS ALLOTTED FROM TOWN OF ATRISCO GRANT, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON DECEMBER 5, 1944, LESS AND EXCEPT THOSE PORTIONS CONVEYED IN SPECIAL WARRANTY DEED RECORDED DECEMBER 28, 1990, IN BOOK BCR 90-20, PAGE 6266, AS DOC. No. 9098540 AND WARRANTY DEED RECORDED MARCH 18, 1988, IN BOOK 328-A, PAGE 467, AS DOC 8823644, RECORDS OF BERNALILLO COUNTY, NEW MEXICO.

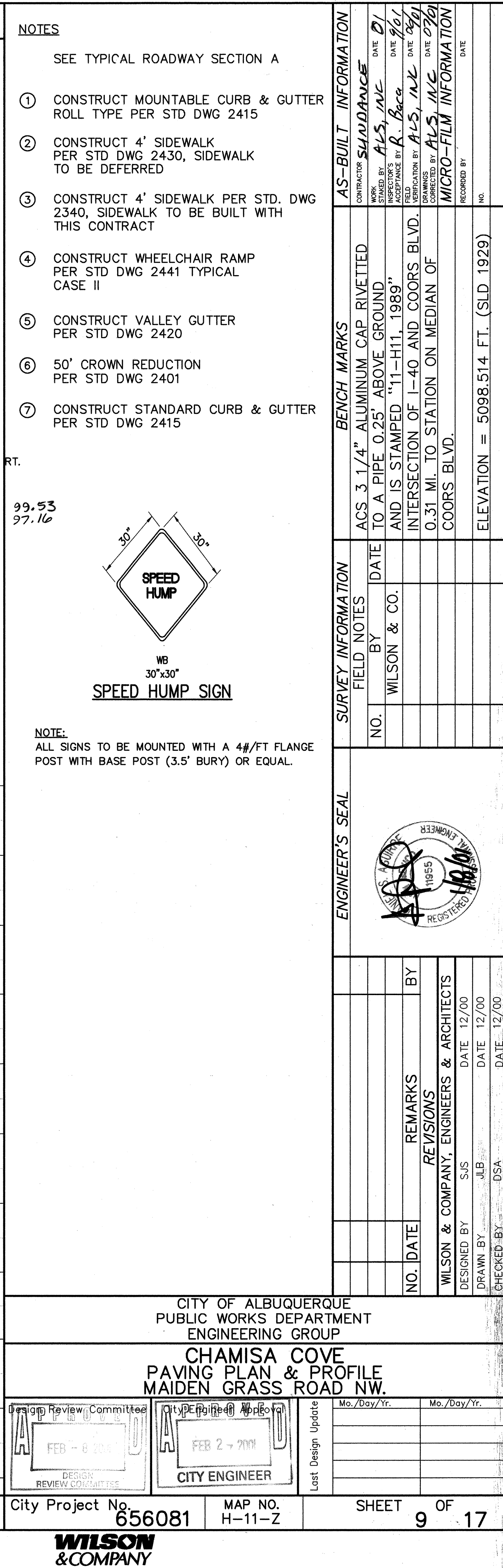
BENCH MARK

STATION 11-111- THE STATION IS LOCATED 3.3 MILES NORTHWEST OF DOWNTOWN ALBUQUERQUE. TO REACH THE STATION FROM THE INTERSECTION OF I-40 AND COORS BLVD., TRAVEL NORTH ON COOR BLVD. 0.31 MILES TO STATION ON THE CENTER MEDIAN OF COORS BLVD. THE STATION IS 0.12 MILES SOUTH OF CENTERLINE OF OURAY RD. THE STATION IS AN ACS 3 1/4" ALUM. CAP RIVETTED TO A PIPE 0.25' ABOVE GROUND AND IS STAMPED "11-111, 1989". ELEVATION (SLD 1929) = 5098.514 FT.



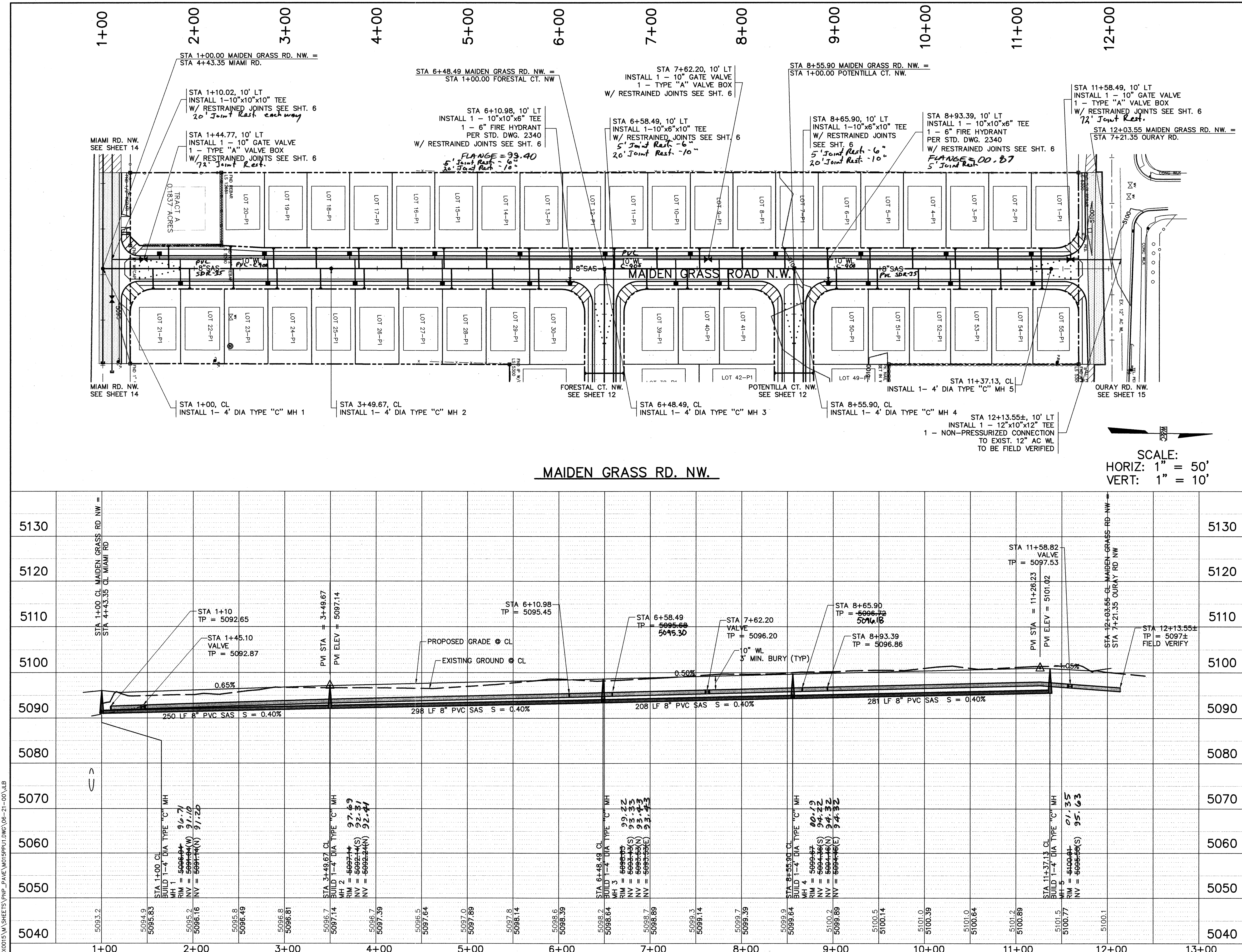
TYPICAL LOT GRADING
NOTE: CORNER LOT SETBACKS VARY SEE PLAN FOR CORNER LOT LAYOUT

WILSON & COMPANY 4900 LANG AVENUE N.E. ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000				CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP CHAMISA COVE GRADING & DRAINAGE PLAN			
DATE DEC. 2000		DESIGN SJS		DRAWN JLB		City Project No. 656081	
FILE NO. X0015						Zone Map No. H-11-Z	
Design Review Committee				City Engineer Approval			
[Signature]				[Signature]			
Last Design Update				Mo./Day/Yr.			
				Mo./Day/Yr.			
Sheet 8				Of 17			



City Project No.	656081	MAP NO. H-11-Z	SHEET 9 OF 17
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**WILSON
& COMPANY**



MADIEN GRASS ROAD NW 3/4" WATER SERVICES				
STATION	LOT	TYPE	LENGTH	REMARKS
1+61.82	TRACT A	SINGLE	15.00	LEFT
1+84.96	21,22	DOUBLE	28.50	RIGHT
2+76.57	20,19	DOUBLE	8.50	LEFT
2+80.83	23,24	DOUBLE	28.50	RIGHT
3+69.77	18,17	DOUBLE	8.50	LEFT
3+75.98	25,26	DOUBLE	28.50	RIGHT
4+62.96	16,15	DOUBLE	8.50	LEFT
4+71.46	27,28	DOUBLE	28.50	RIGHT
5+56.15	14,13	DOUBLE	8.50	LEFT
5+66.94	29,30	DOUBLE	28.50	RIGHT
6+49.35	12,11	DOUBLE	8.50	LEFT
7+29.39	39	SINGLE	28.50	RIGHT
7+42.55	10,9	DOUBLE	8.50	LEFT
7+74.39	40,41	DOUBLE	28.50	RIGHT
8+35.74	8,7	DOUBLE	8.50	LEFT
9+28.94	6,5	DOUBLE	8.50	LEFT
9+37.14	50,51	DOUBLE	28.50	RIGHT
10+22.13	4,3	DOUBLE	8.50	LEFT
10+27.13	52,53	DOUBLE	28.50	RIGHT
11+15.33	2,1	DOUBLE	8.50	LEFT
11+17.14	54,55	DOUBLE	28.50	RIGHT

MADIEN GRASS ROAD NW 4" SEWER SERVICES				
STATION	LOT	INV @ PL	LENGTH	REMARKS
1+54.99	21	92.81	22.50	RIGHT
1+71.75	TRACT A	92.89	24.98	LEFT
1+94.96	22	92.86	22.50	RIGHT
2+39.72	20	93.19	24.48	LEFT
2+42.76	23	93.16	22.50	RIGHT
2+86.57	19	93.34	22.50	LEFT
2+90.50	24	93.35	22.50	RIGHT
3+33.17	18	93.52	22.50	LEFT
3+38.24	25	93.54	22.50	RIGHT
3+79.77	17	93.81	22.50	LEFT
3+85.98	26	93.83	22.50	RIGHT
4+26.36	16	93.99	22.52	LEFT
4+33.72	27	94.02	22.50	RIGHT
4+72.96	15	94.18	22.50	LEFT
4+81.46	28	94.21	22.50	RIGHT
5+19.56	14	94.36	22.50	LEFT
5+26.46	29	94.40	22.50	RIGHT
5+66.16	13	94.55	22.50	LEFT
5+79.94	30	94.59	22.50	RIGHT
6+12.75	12	94.74	22.50	LEFT
6+59.35	11	95.02	22.50	LEFT
6+94.98	39	95.16	22.50	RIGHT
7+05.95	10	95.21	22.50	LEFT
7+39.39	40	95.34	22.50	RIGHT
7+52.55	9	95.39	22.50	LEFT
7+84.39	41	95.52	22.50	RIGHT
7+99.14	8	95.58	22.50	LEFT
8+45.74	7	95.77	22.50	LEFT
8+92.34	6	96.05	22.50	LEFT
9+02.39	50	96.08	22.50	RIGHT
9+39.94	5	96.24	22.50	LEFT
9+47.14	51	96.27	22.50	RIGHT
9+85.53	4	96.39	22.50	LEFT
9+92.14	52	96.45	22.50	RIGHT
10+32.13	3	96.61	22.50	LEFT
10+37.13	53	96.63	22.50	RIGHT
10+79.06	2	96.80	22.52	LEFT
10+82.13	54	96.81	22.50	RIGHT
11+26.23	1	96.95	22.50	LEFT
11+27.13	55	96.99	22.50	RIGHT

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
CHAMISA COVE UTILITY PLAN & PROFILE MADIEN GRASS ROAD NW.				
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.	
APPROVED FEB - 8 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB - 7 2001 CITY ENGINEER			
Lost Design Update				

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP				
CHAMISA COVE UTILITY PLAN & PROFILE MADIEN GRASS ROAD NW.				
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.	
APPROVED FEB - 8 2001 DESIGN REVIEW COMMITTEE	APPROVED FEB - 7 2001 CITY ENGINEER			
Lost Design Update				

AS-BUILT INFORMATION				
CONTRACTOR	DATE	INSPECTOR	DATE	DATE
ALB, INC.	01/20/01	R. Baca	01/20/01	01/20/01
BENCH MARKS				
ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE GROUND AND IS STAMPED "1-HIT, 1989" 0.31 MI. TO STATION ON MEDIAN OF COORS BLVD.				
ELEVATION = 5098.514 FT. (SLD 1929)				
SURVEY INFORMATION				
FIELD NOTES	DATE	BY	NO.	
WILSON & CO.				
ENGINEER'S SEAL				
REVISIONS				
NO.	DATE	REMARKS	BY	
1	12/00	DESIGNED BY SJS		
2	12/00	DRAWN BY JLB		
3	12/00	CHECKED BY DSA		
4	12/00	DATE		
5	12/00	DATE		
6	12/00	DATE		
7	12/00	DATE		
8	12/00	DATE		
9	12/00	DATE		
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100	12/00	DATE		

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

PROPOSED GRADE @ CL
EXISTING GROUND @ CL

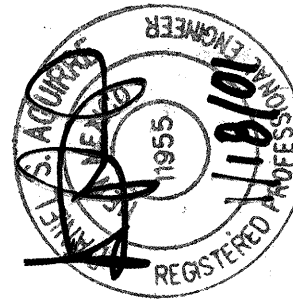
PROPOSED GRADE @ CL

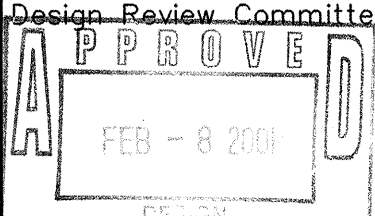
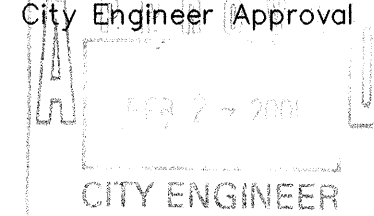
EXISTING GROUND @ CL


This diagram shows a cross-section of the road profile. The top line represents the 'PROPOSED GRADE @ CL' (Center Line), and the bottom line represents the 'EXISTING GROUND @ CL'. The profile shows a slight dip in the center of the road, with the proposed grade being higher than the existing ground at the edges and lower in the center.

WCEA #x0218015

NOTES		SEE TYPICAL ROADWAY SECTION A	
①	CONSTRUCT MOUNTABLE CURB & GUTTER ROLL TYPE PER STD DWG 2415		
②	CONSTRUCT 4' SIDEWALK PER STD DWG 2430, SIDEWALK TO BE DEFERRED		
③	CONSTRUCT 4' SIDEWALK PER STD. DWG 2340, SIDEWALK TO BE BUILT WITH THIS CONTRACT		
④	CONSTRUCT WHEELCHAIR RAMP PER STD DWG 2441 TYPICAL CASE II		
⑤	CONSTRUCT VALLEY GUTTER PER STD DWG 2420		
⑥	50' CROWN REDUCTION PER STD DWG 2401		
⑦	CONSTRUCT STANDARD CURB & GUTTER PER STD DWG 2415		

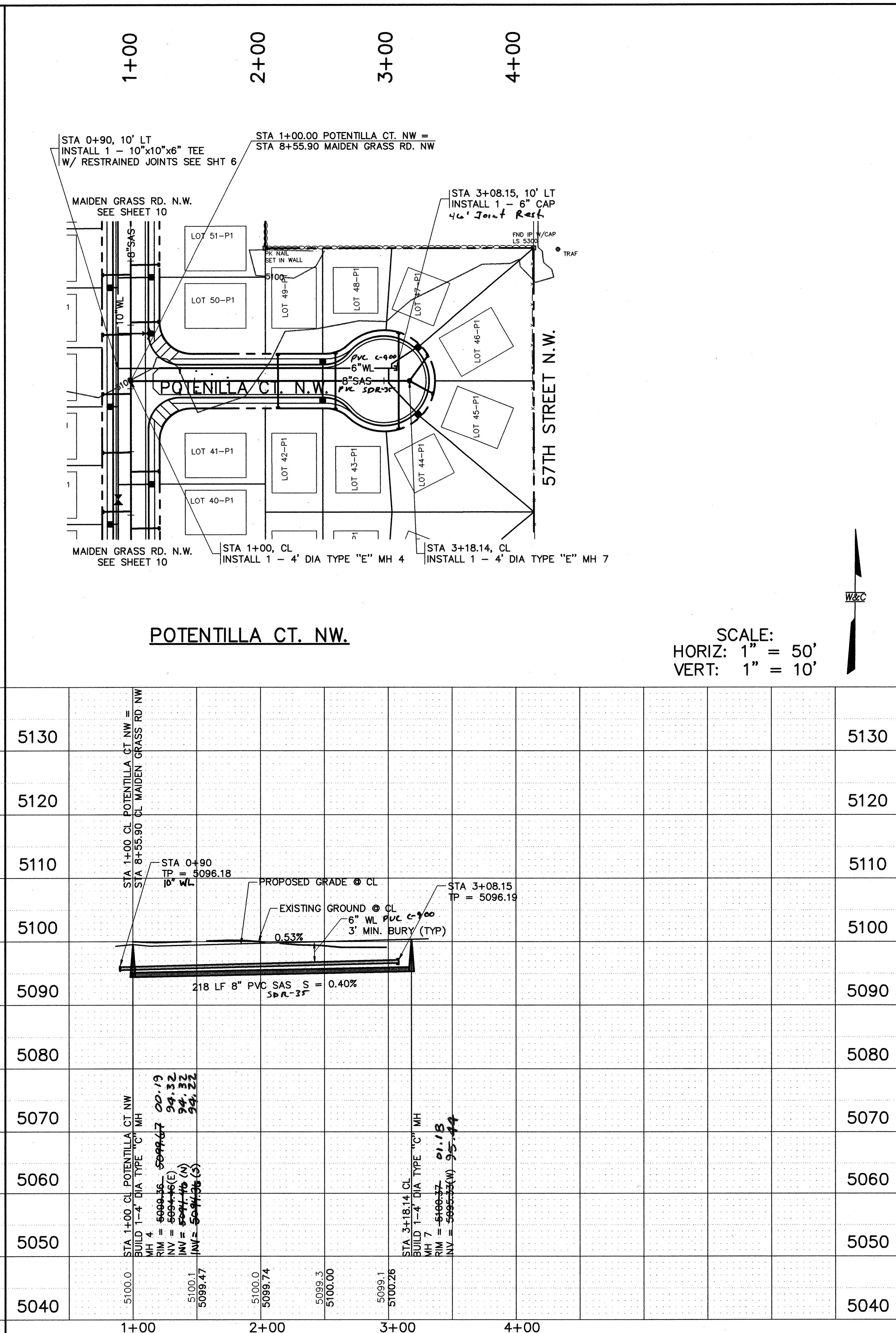
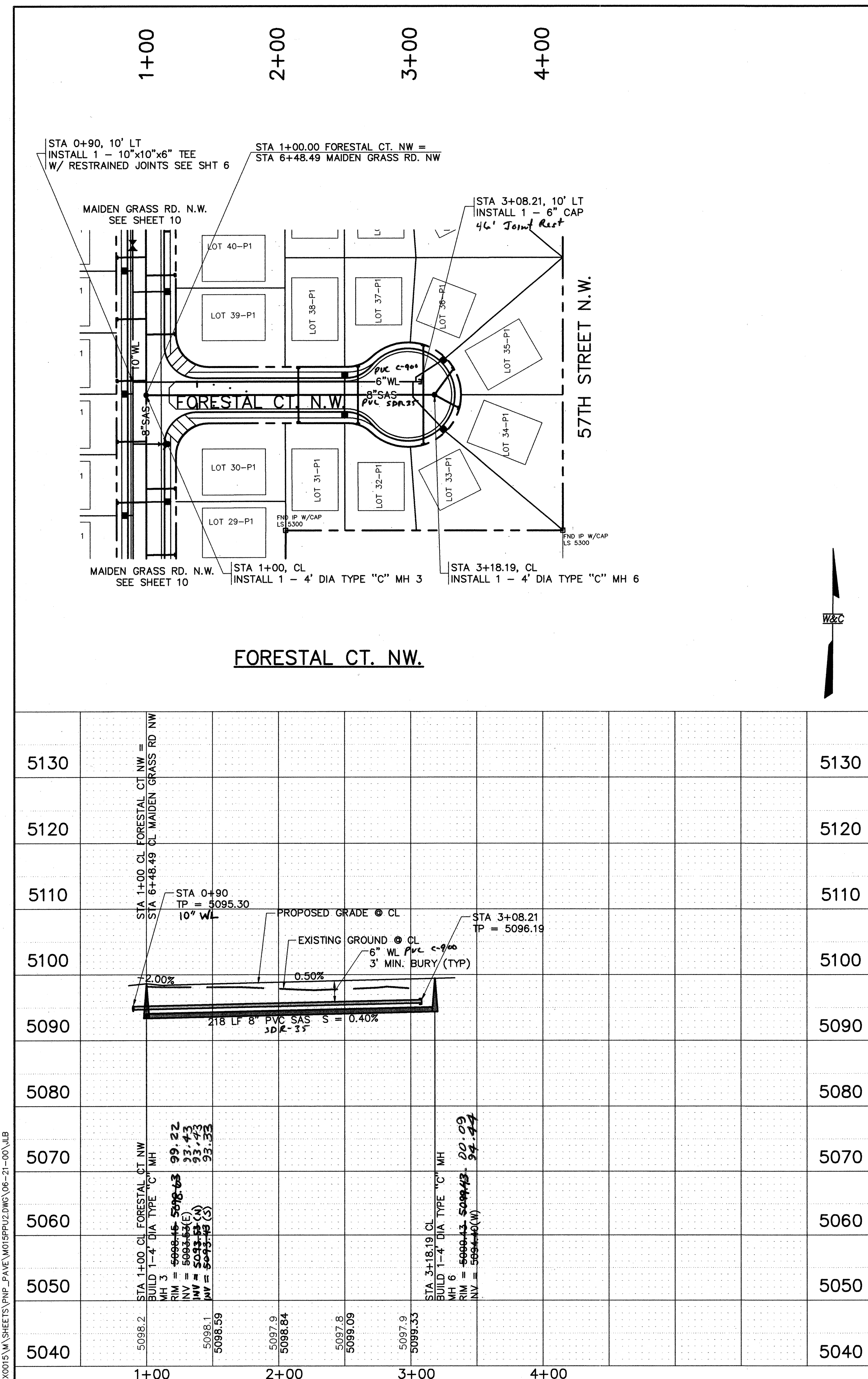
BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		AS-BUILT INFORMATION	
		FIELD NOTES	DATE			CONTRACTOR <i>SUNDANCE</i> STAMPED BY <i>ALS, INC.</i> DATE <i>9/01</i> INSPECTOR'S FIELD VERIFICATION BY <i>ALS, INC.</i> DATE <i>06/01</i> CORRECTED BY <i>ALS, INC.</i> DATE <i>06/01</i> MICRO-FILM INFORMATION RECORDED BY _____ DATE _____ NO. _____	
		BY WILSON & CO.					
ACS 3 1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE GROUND							
AND IS STAMPED "11-H11, 1989"							
INTERSECTION OF I-40 AND COORS BLVD.							
0.31 MI. TO STATION ON MEDIAN OF COORS BLVD.							
ELEVATION = 5098.514 FT. (SLD 1929)							

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
CHAMISA COVE PAVING PLAN & PROFILE FORESTAL CT. NW. & POTENTILLA CT. NW.			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
			
City Project No. 656081	MAP NO. H-11-Z	SHEET 11 OF 17	


WILSON & COMPANY

SCANNED BY
MESA REPRO

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

FORESTAL CT. NW				
3/4" WATER SERVICES				
STATION	LOT	TYPE	LENGTH	REMARKS
2+50.17	31,32	DOUBLE	27.50	RIGHT
2+50.32	38,37	DOUBLE	7.50	LEFT
3+26.63	36,35	DOUBLE	47.92	LEFT
3+26.66	33,34	DOUBLE	30.34	RIGHT

FORESTAL CT. NW				
4" SEWER SERVICES				
STATION	LOT	INV @ PI	LENGTH	REMARKS
2+15.15	38	95.42	21.50	LEFT
2+15.24	31	95.42	21.50	RIGHT
2+60.24	32	95.62	22.64	RIGHT
2+60.26	37	95.62	22.65	LEFT
3+09.83	33	95.13	38.30	RIGHT
3+09.84	36	95.13	38.30	LEFT
3+08.23	34	94.82	21.25	RIGHT
3+36.66	35	94.89	24.87	LEFT

POTENTILLA CT. NW				
3/4" WATER SERVICES				
STATION	LOT	TYPE	LENGTH	REMARKS
2+50.26	42,43	DOUBLE	27.50	RIGHT
2+50.27	49,48	DOUBLE	7.50	LEFT
3+26.63	44,45	DOUBLE	47.92	RIGHT
3+26.66	47,46	DOUBLE	40.00	LEFT

POTENTILLA CT. NW				
4" SEWER SERVICES				
STATION	LOT	INV @ PI	LENGTH	REMARKS
2+15.21	42	96.35	21.50	RIGHT
2+15.35	49	96.35	21.50	LEFT
2+60.26	43	96.55	22.64	RIGHT
2+60.27	48	96.55	22.65	LEFT
3+09.83	44	96.06	38.30	RIGHT
3+09.84	47	96.06	38.30	LEFT
3+08.23	45	95.75	21.25	RIGHT
3+36.66	46	95.82	24.87	LEFT

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	SUNDANCE	ACS 3 1/4" ALUMINUM CAP RIVETED TO A PIPE 0.25' ABOVE GROUND AND IS STAMPED "11-H11, 1989"	DATE	FIELD NOTES	NO.	REMARKS	REVISIONS
WORKED BY	ALS, INC	INTERSECTION OF I-40 AND COORS BLVD. 0.31 MI. TO STATION ON MEDIAN OF COORS BLVD.	DATE	BY	NO. DATE	BY	NO. DATE
INSPECTED BY	R. Baca		DATE	WILSON & CO.		REMARKS	REVISIONS
ACCEPTANCE BY	ALS, INC		DATE			WILSON & COMPANY, ENGINEERS & ARCHITECTS	
VERIFICATION BY	ALS, INC		DATE			DESIGNED BY	DATE
DRAWN BY	ALS, INC		DATE			DRAWN BY	DATE
CHECKED BY	ALS, INC		DATE			CHECKED BY	DATE
RECORDED BY							
NO.							

ELEVATION = 5098.514 FT. (SLD 1929)

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CHAMISA COVE
UTILITY PLAN & PROFILE
FORESTAL CT. NW. & POTENTILLA CT. NW.

Design Review Committee
FEB - 8 2001

City Engineer Approved
FEB 27 2001

Design Review Committee
CITY ENGINEER

City Project No. 656081

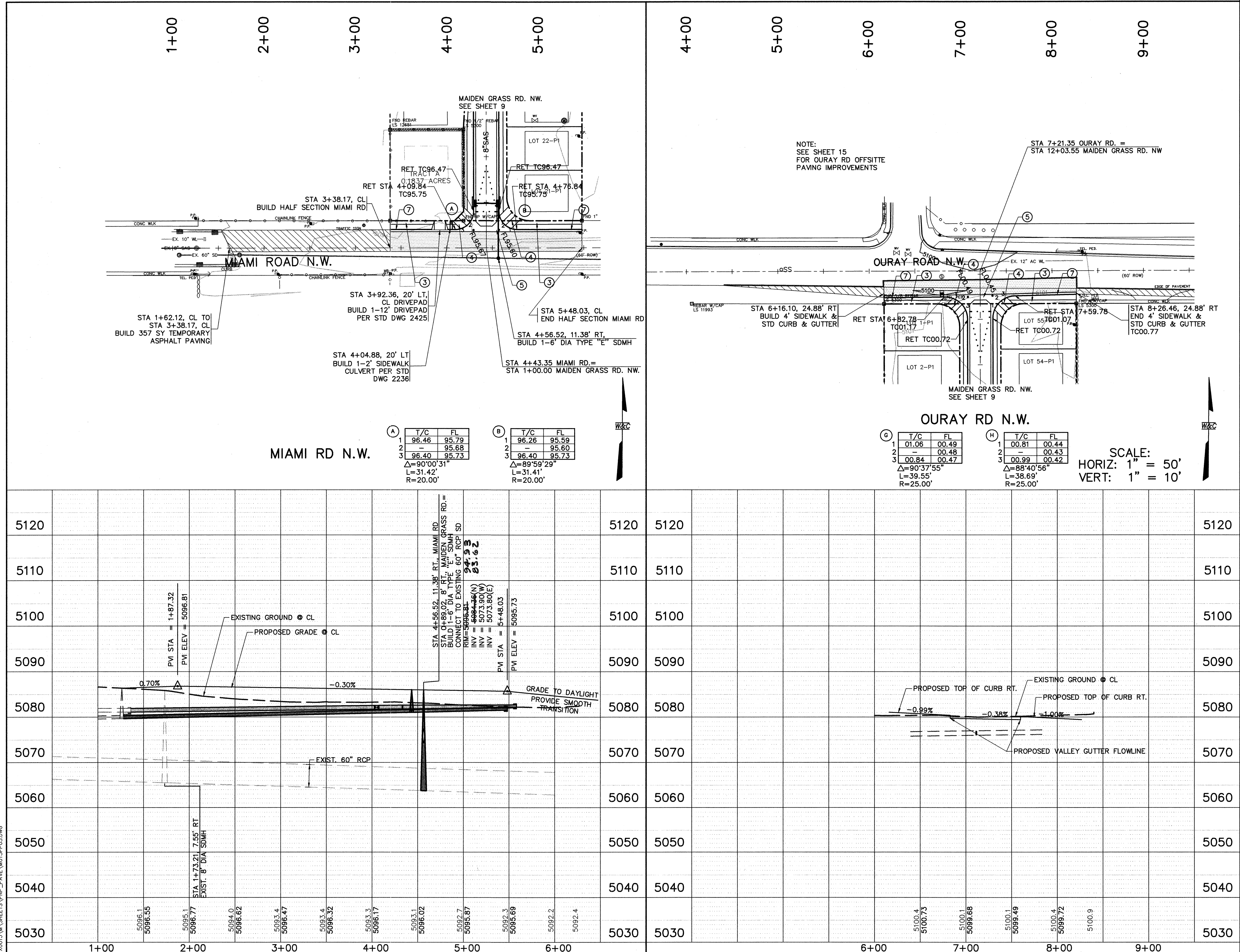
MAP NO. H-11-Z

SHEET 12 OF 17

WILSON & COMPANY

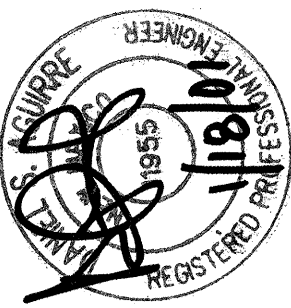
SCANNED BY
MESA REF. 10

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NOTES

- SEE TYPICAL ROADWAY SECTION A
- CONSTRUCT MOUNTABLE CURB & GUTTER ROLL TYPE PER STD DWG 2415
 - CONSTRUCT 4' SIDEWALK PER STD DWG 2430, SIDEWALK TO BE DEFERRED
 - CONSTRUCT 4' SIDEWALK PER STD. DWG 2340, SIDEWALK TO BE BUILT WITH THIS CONTRACT
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 - 50' CROWN REDUCTION PER STD DWG 2401
 - CONSTRUCT STANDARD CURB & GUTTER PER STD DWG 2415

AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	SUNDANCE		ACS 3.1/4" ALUMINUM CAP RIVETTED TO A PIPE 0.25' ABOVE GROUND	DATE		FIELD NOTES	DATE				
STAMPED BY	ALS, INC.	DATE	AND IS STAMPED "11-H11, 1989"			BY					
FIELD CHECKED BY	R. BACA	DATE	INTERSECTION OF I-40 AND COORS BLVD.			NO.			REVISIONS		
DRAWN BY	ALS, INC.	DATE	0.31 MI. TO STATION ON MEDIAN OF COORS BLVD.								
CORRECTED BY	ALS, INC.	DATE							WILSON & COMPANY, ENGINEERS & ARCHITECTS		
RECORDED BY											
									DESIGNED BY	DATE	12/00
									DRAWN BY	JLB	DATE 12/00
									CHECKED BY	DSA	DATE 12/00

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CHAMISA COVE
PAVING PLAN & PROFILE
MIAMI ROAD N.W. AND OURAY ROAD N.W.

Design Review Committee

City Engineer Approval

Mo./Day/Yr.

Mo./Day/Yr.

CITY ENGINEER

City Project No. 656081

MAP NO. H-11-Z

SHEET 13 OF 17

WILSON
& COMPANY



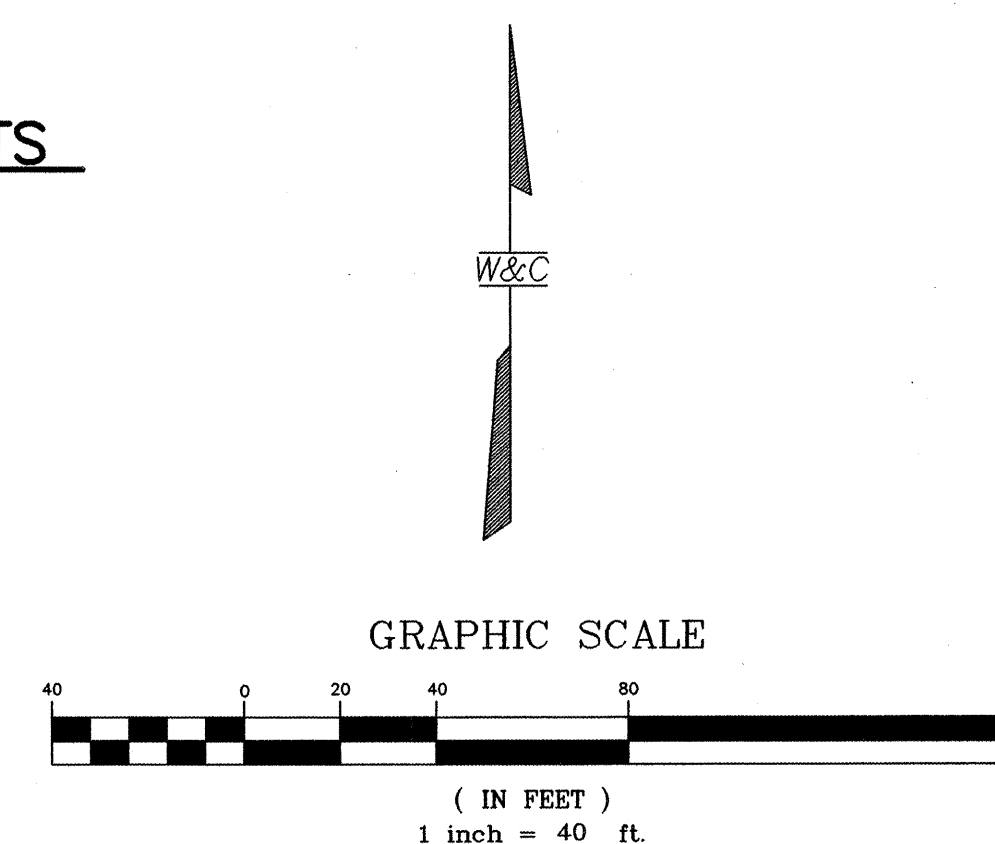
- 1 12" YELLOW DIAGONALS PAINTED
- 2 4" DOUBLE YELLOW PAINTED
- 3 4" SINGLE WHITE PAINTED

NOTE:
PRIOR TO ANY STRIPING, CONTRACTOR
SHALL CONTACT EDWARD TOLEDO AT
CITY OF ALBUQUERQUE OPERATIONS
857-8004.

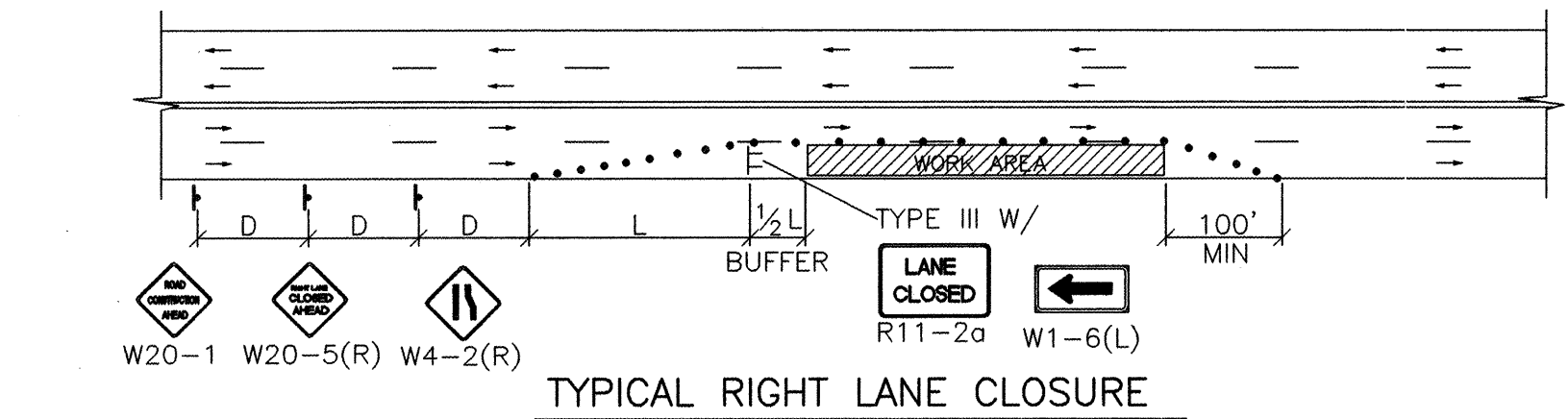
STRIPING PLAN



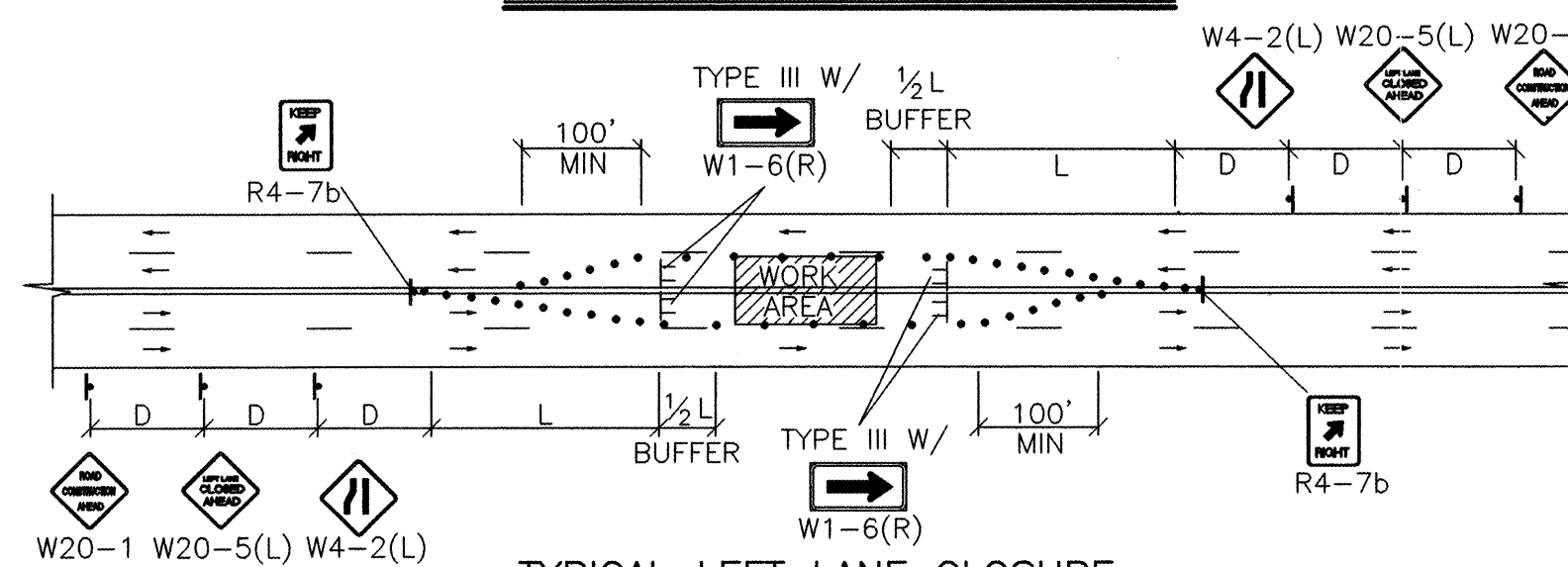
PAVING IMPROVEMENTS

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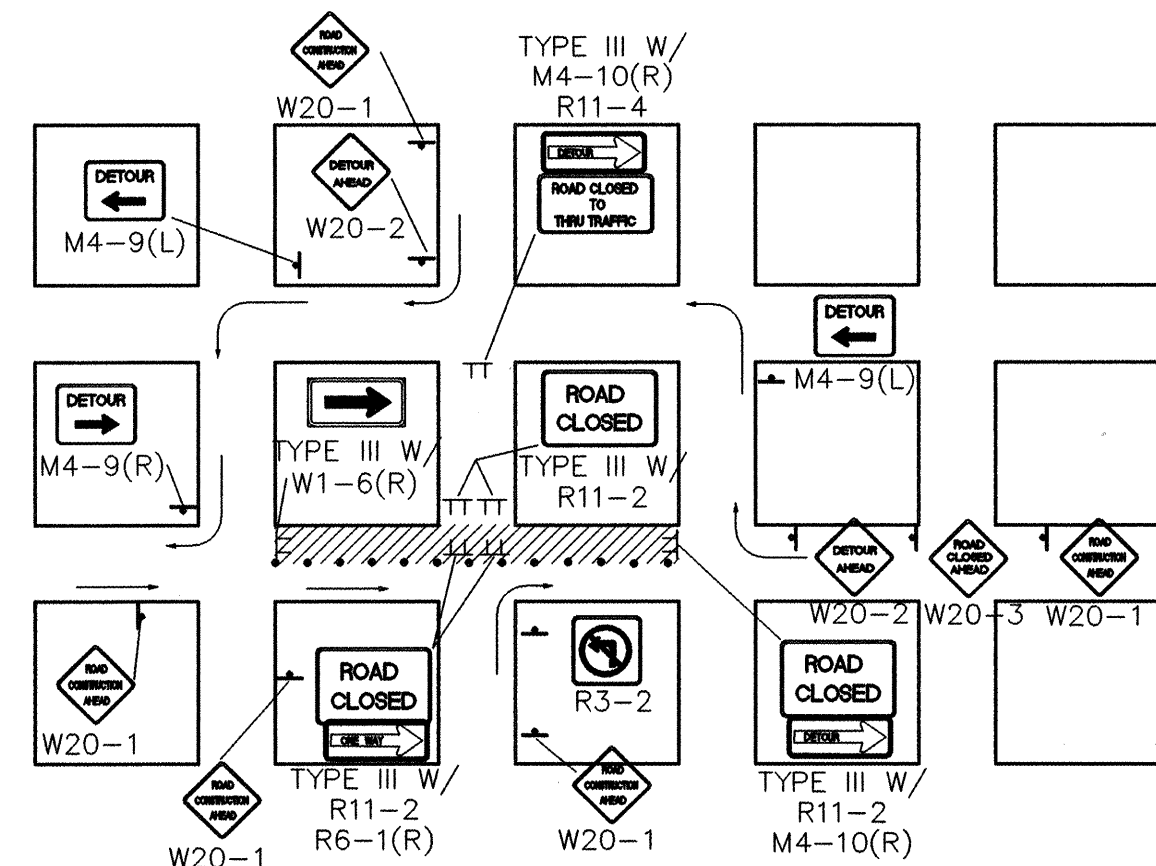
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP													
CHAMISA COVE OFFSITE PAVING IMPROVEMENTS & STRIPING PLAN OURAY ROAD NW.													
Design Review Committee <div style="border: 1px solid black; padding: 10px; text-align: center;"> APPROVED FEB - 8 2001 DESIGN REVIEW COMMITTEE </div>	City Engineer Approval <div style="border: 1px solid black; padding: 10px; text-align: center;"> APPROVED FEB 2 7 2001 CITY ENGINEER </div>	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> </tbody> </table>	Mo./Day/Yr.	Mo./Day/Yr.								
Mo./Day/Yr.	Mo./Day/Yr.												
City Project No. 656081		MAP NO. H-11-Z	SHEET 15 OF 17										



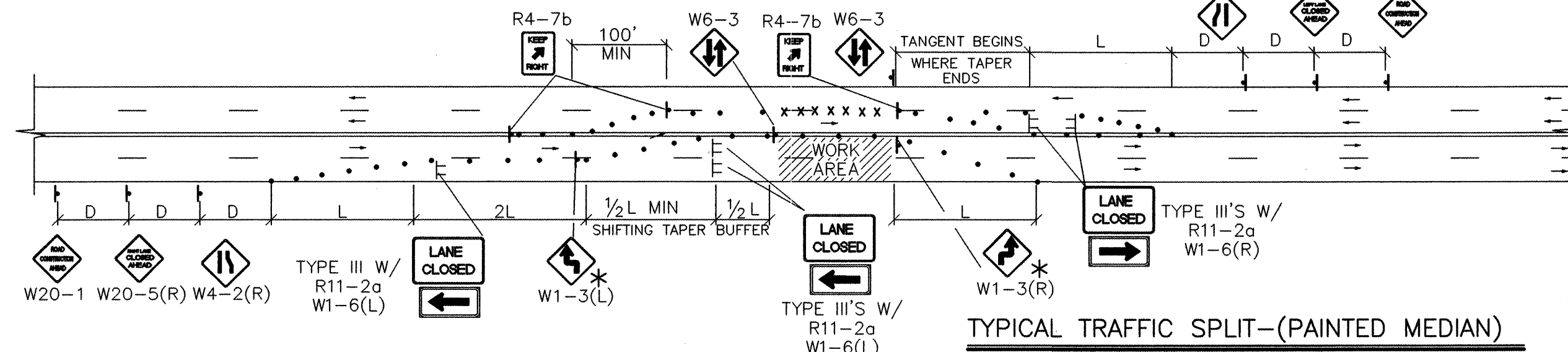
TYPICAL RIGHT LANE CLOSURE



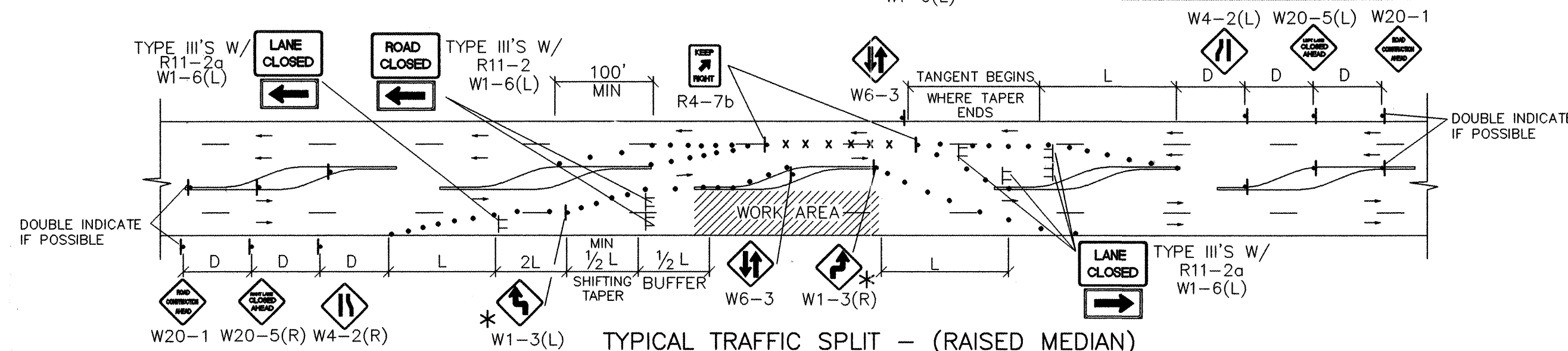
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



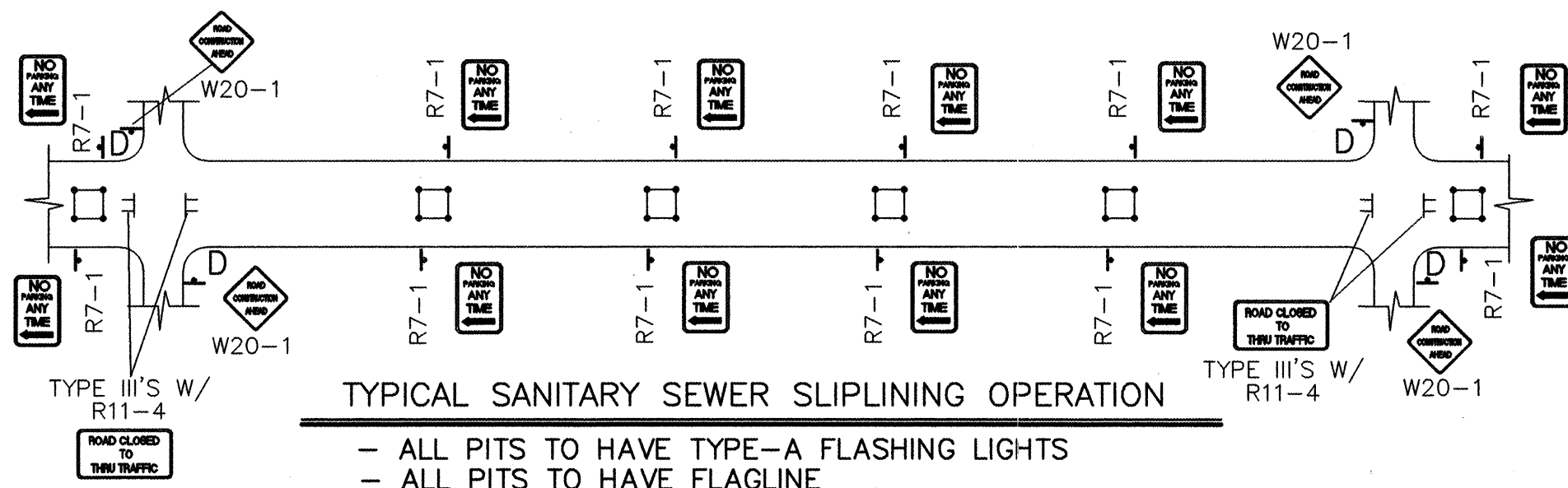
TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

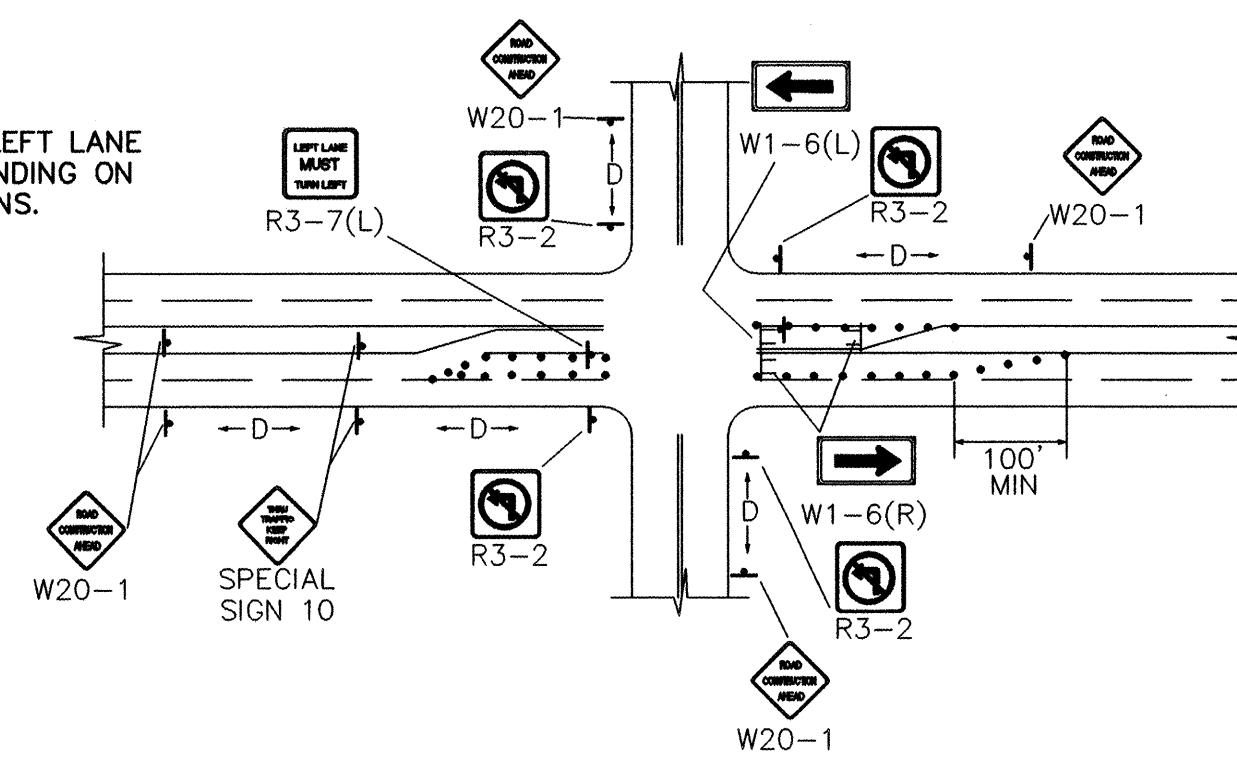
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 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

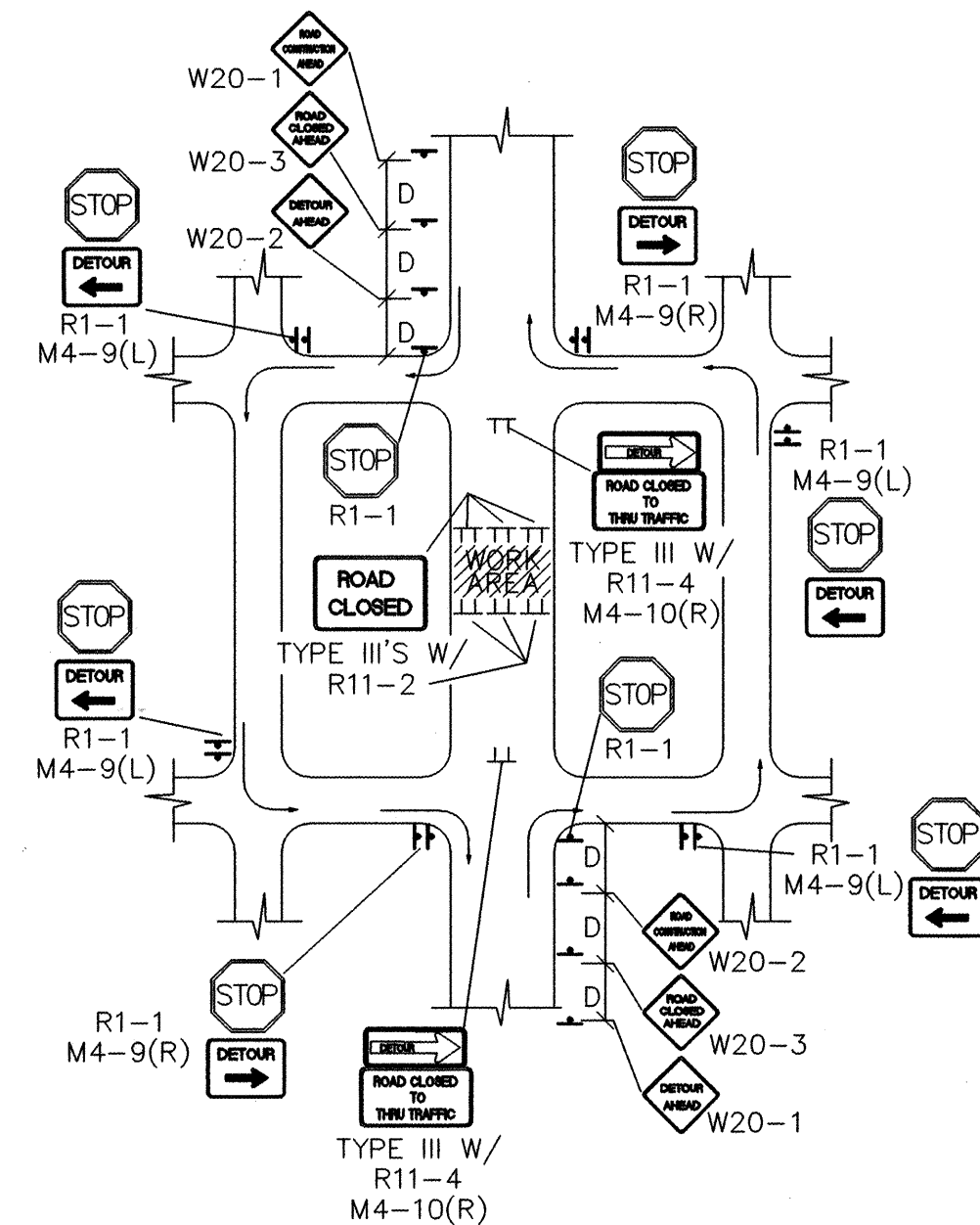
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

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



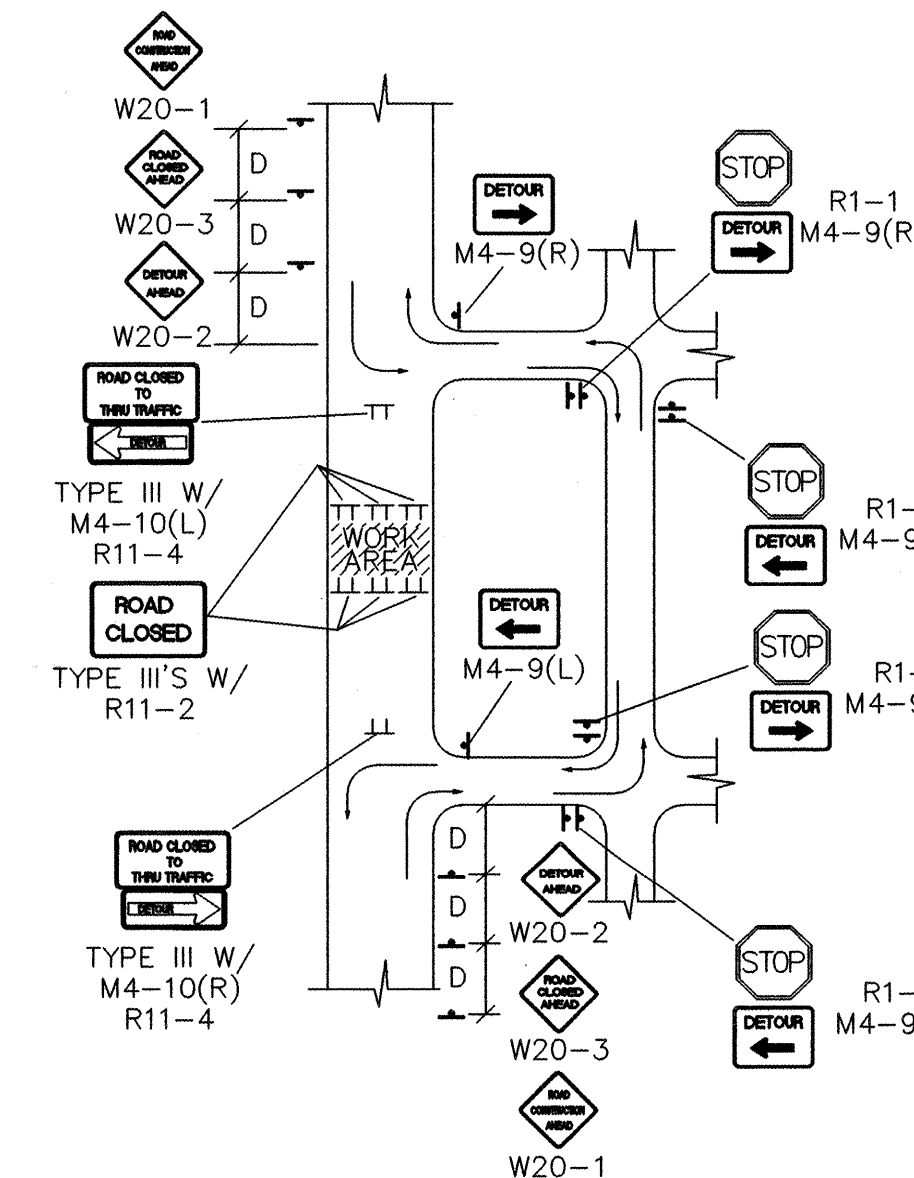
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



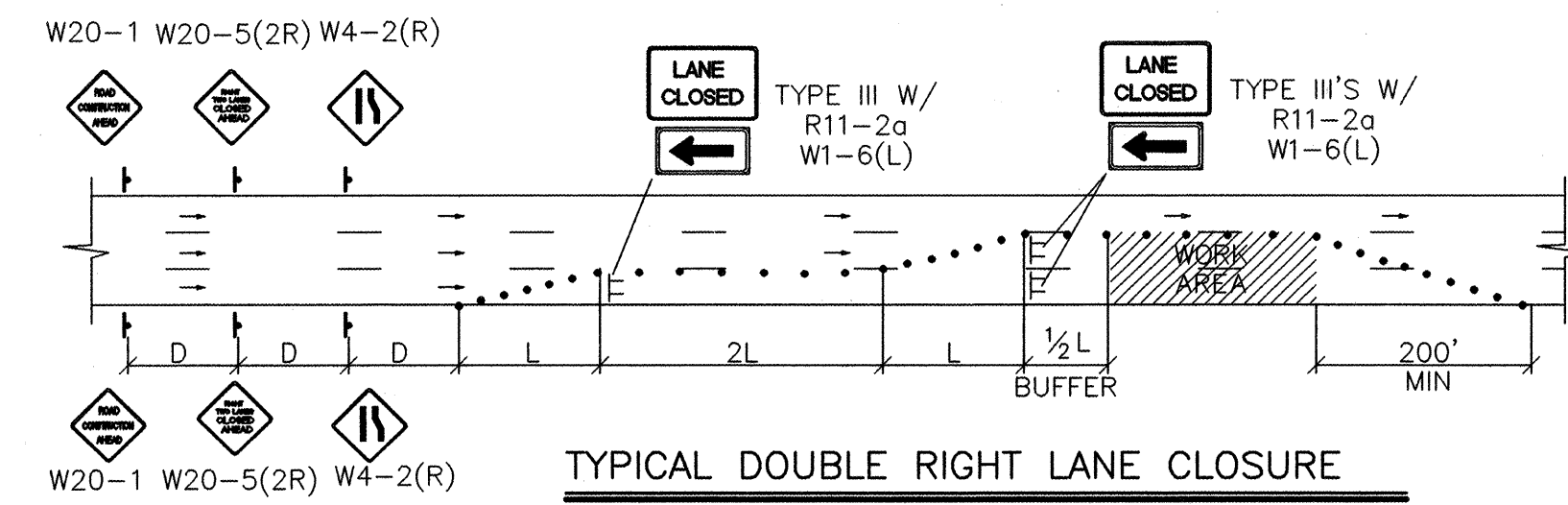
TYPICAL MID-BLOCK CLOSURE

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

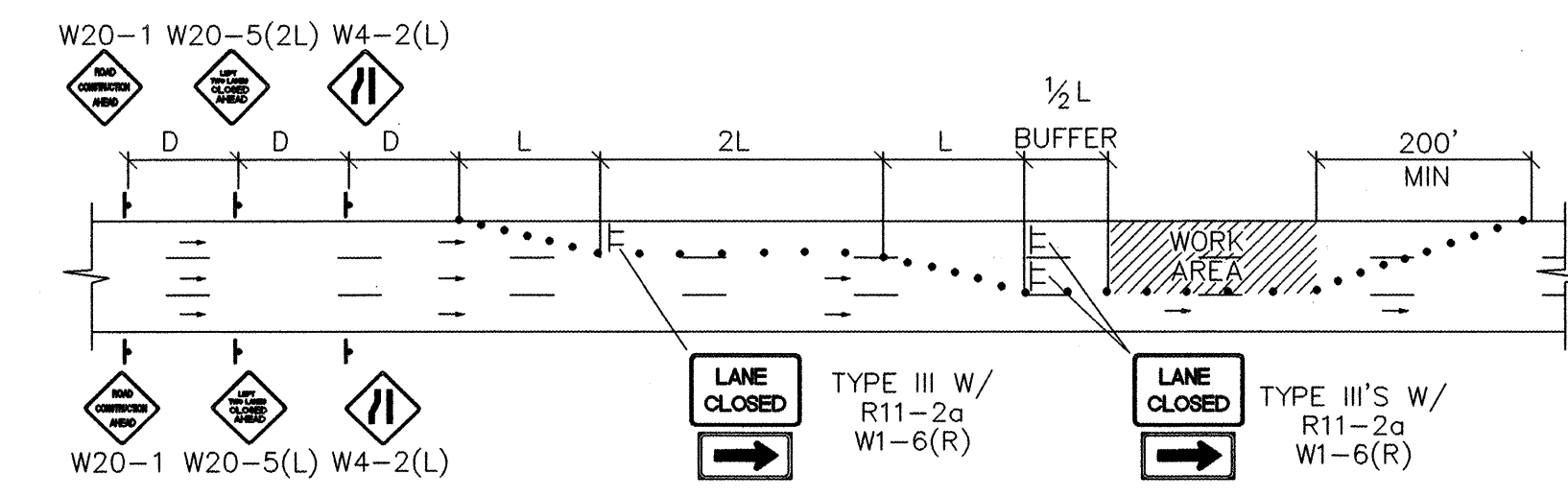


TYPICAL STREET CLOSURE

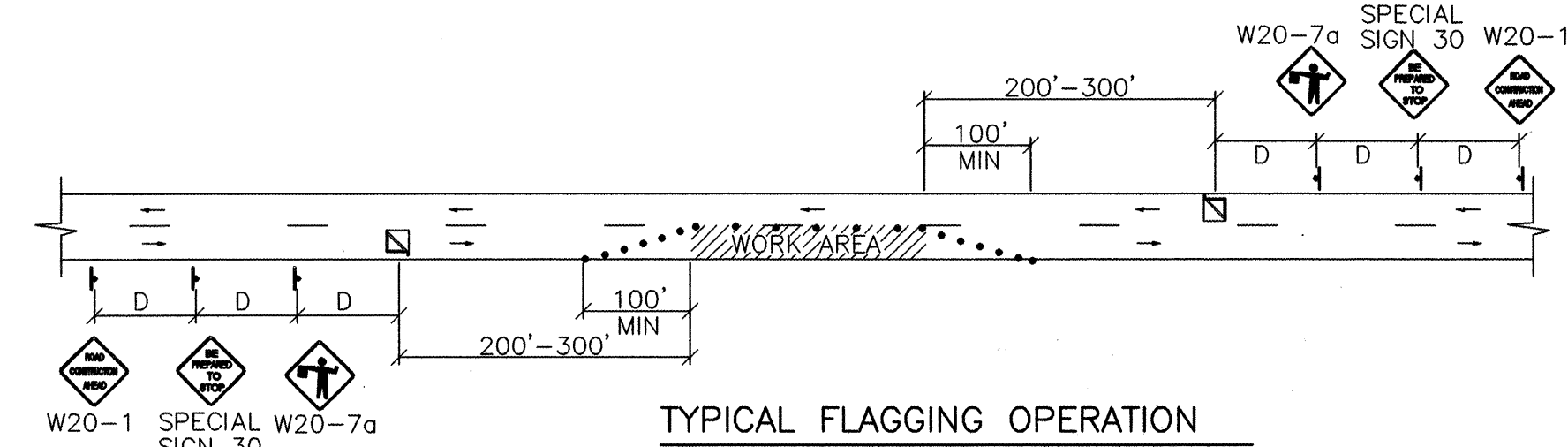
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



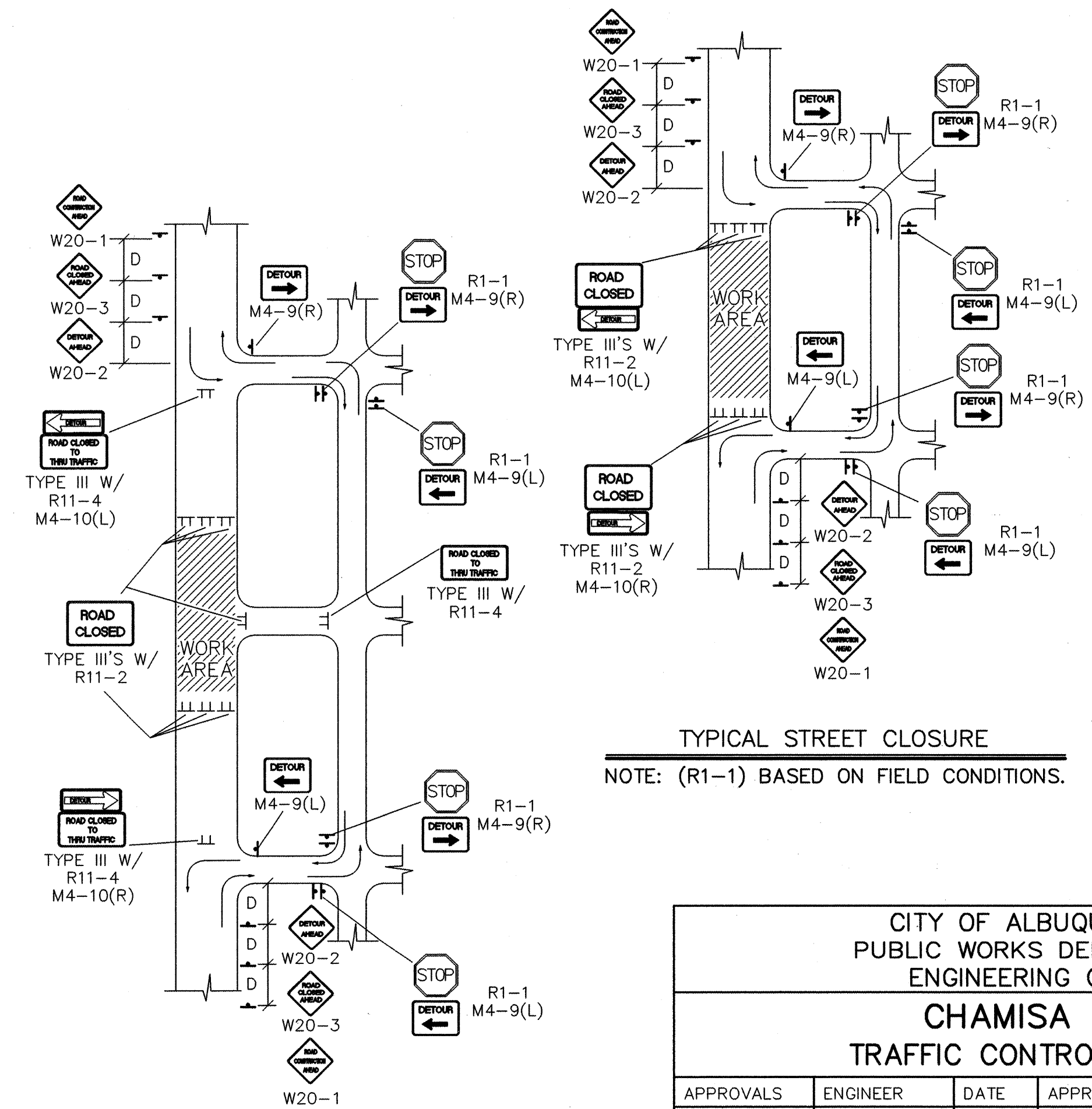
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

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

AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	WORK BY	DATE	NO.	BY	NO.	BY	NO.	BY	NO.	BY
CONTRACTOR: SUNSHINE	DATE: 01	WORK BY: AVS, INC	DATE: 01	NO.	BY	NO.	BY	NO.	BY	NO.	BY
INSPECTOR: AVS, INC	DATE: 01	ACCEPTANCE BY: AVS, INC	DATE: 01	NO.	BY	NO.	BY	NO.	BY	NO.	BY
DRAWING NO.: 0661	DATE: 07/01	REVISIONS: 0661	DATE: 07/01	NO.	BY	NO.	BY	NO.	BY	NO.	BY
CONNECTED BY: AVS, INC	DATE: 07/01	REVISIONS: 0661	DATE: 07/01	NO.	BY	NO.	BY	NO.	BY	NO.	BY
MICRO-FILM INFORMATION	RECORDED BY	NO.	DATE	NO.	BY	NO.	BY	NO.	BY	NO.	BY
ELEVATION = 5098.514 FT. (SID. 1929)											

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
CHAMISA COVE TRAFFIC CONTROL SIGNING					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
Project No. 656081		Map No. H-11-Z		SHEET 16 OF 17	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. 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.

2. 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 SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. 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.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. 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.

6. 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.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORK SITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. 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.

9. 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.

10. 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.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

12. 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.

13. 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.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. 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 A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. 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.

19. 24 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.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. 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.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. 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.

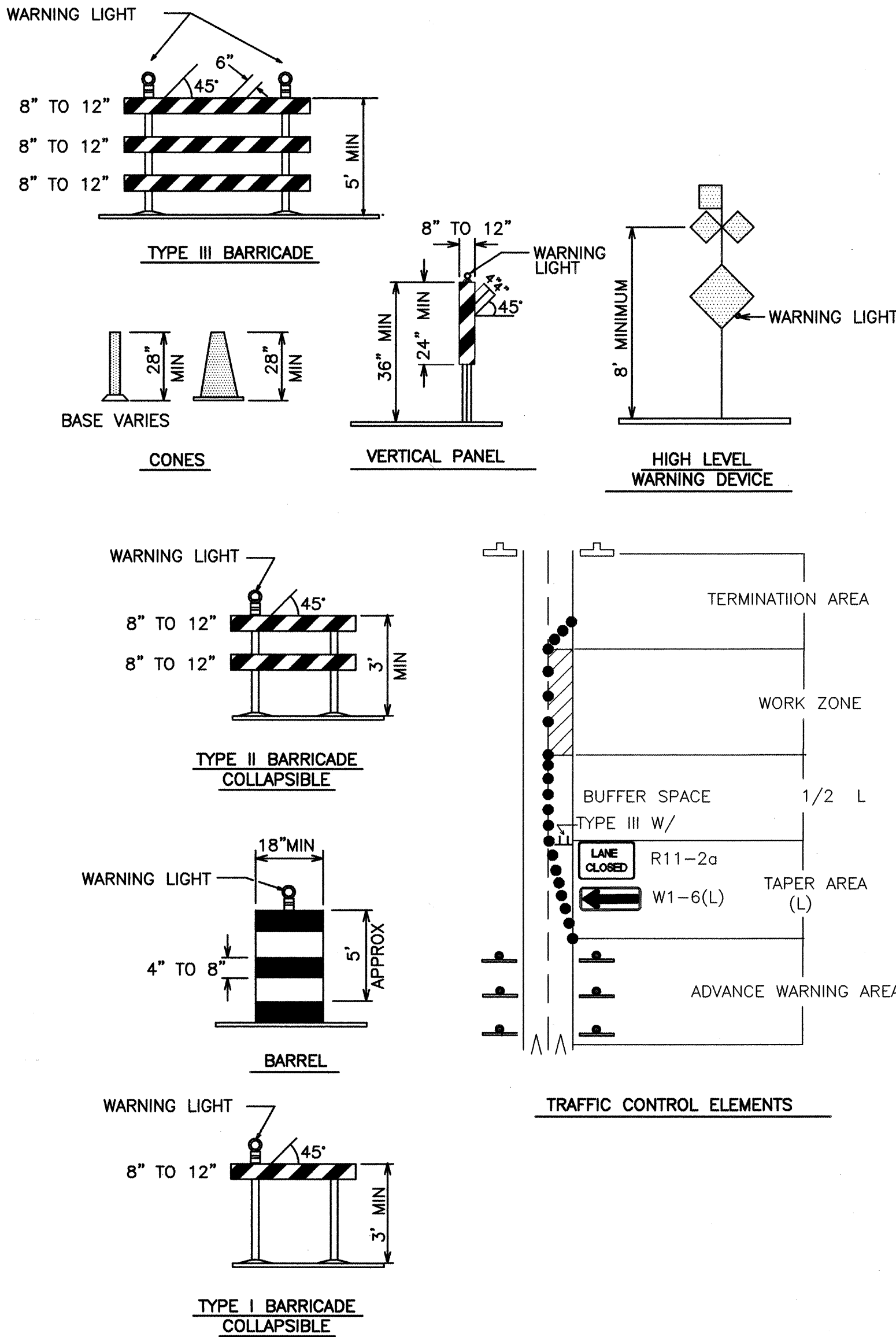
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC MUST BE MAINTAINED ON OURAY RD. AT ALL TIMES. NO TRAFFIC SPLITS WILL BE ALLOWED.



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 MILES PER HOUR	MINIMUM DISTANCE BETWEEN SIGNS	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

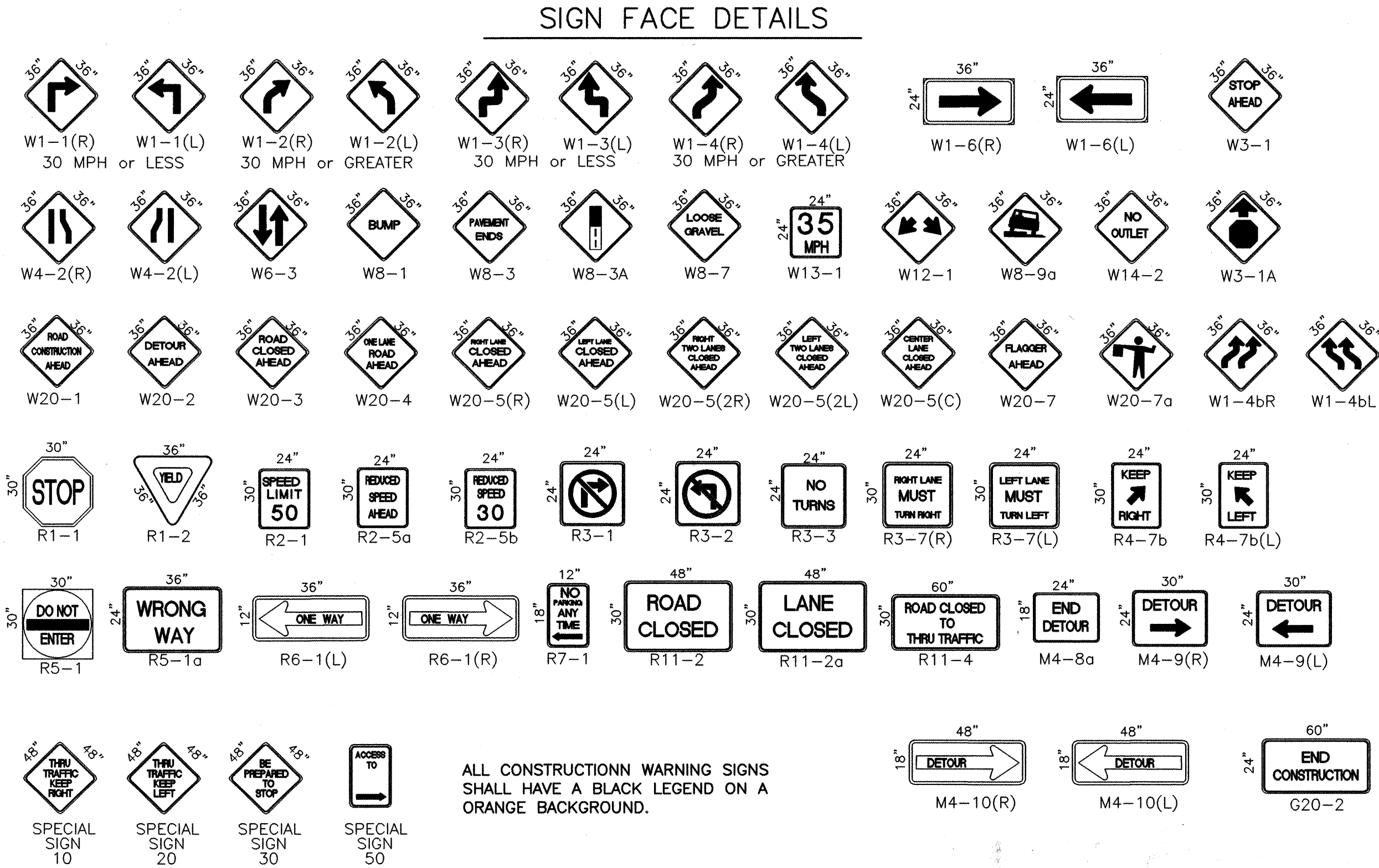
TAPER CRITERIA

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



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

AS-BUILT INFORMATION	CONTRACTOR: SUNOMAKE	DATE: 01/01
	WORKED BY: ALS, INC	DATE: 01/01
	SUPERVISOR'S ACCEPTANCE BY: ALS, INC	DATE: 01/01
	VERIFICATION BY: ALS, INC	DATE: 01/01
	DRAWINGS CORRECTED BY: ALS, INC	DATE: 01/01
	MICRO-FILM INFORMATION	RECORDED BY: ALS, INC
		DATE: 01/01
		NO. 5098.514 FT. (SLD 1929)
		ELEVATION = 5098.514 FT. (SLD 1929)

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
CHAMISA COVE SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN			ENGINEER
TRANSPORTATION			DATE
HYDROLOGY			
Project No. 656081		Map No. H-11-Z	SHEET OF 17 17

SCANNED BY
PLANNING

NOTICE TO CONTRACTOR

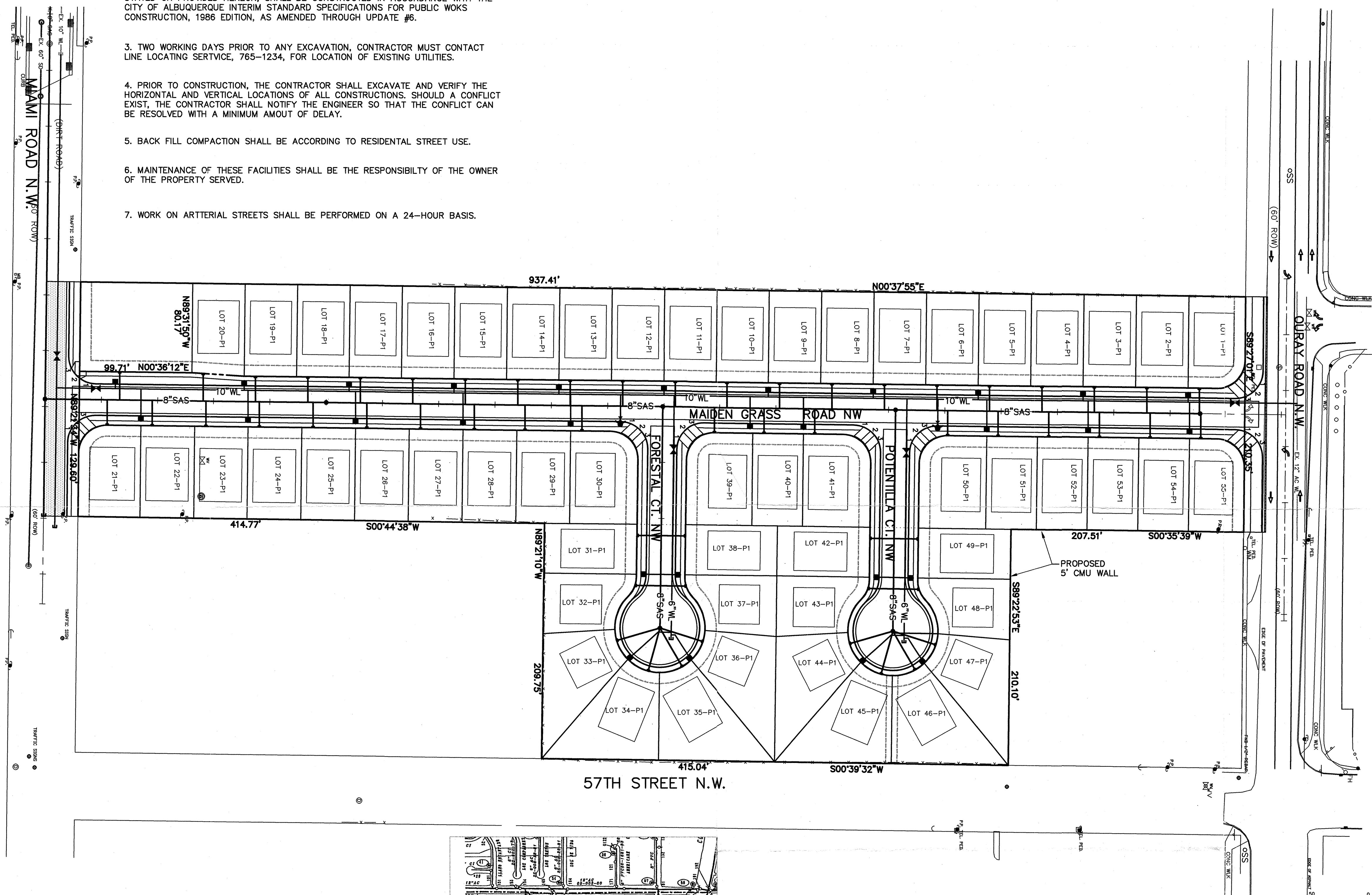
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WOKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE #6.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERTVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUT OF DELAY.
5. BACK FILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBLTY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

GENERAL NOTES

1. 3' MINIMUM BURY REQIED FOR ALL UTILITIES UNLESS OTHERWISE NOTED
2. CLEAN OUTS TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.

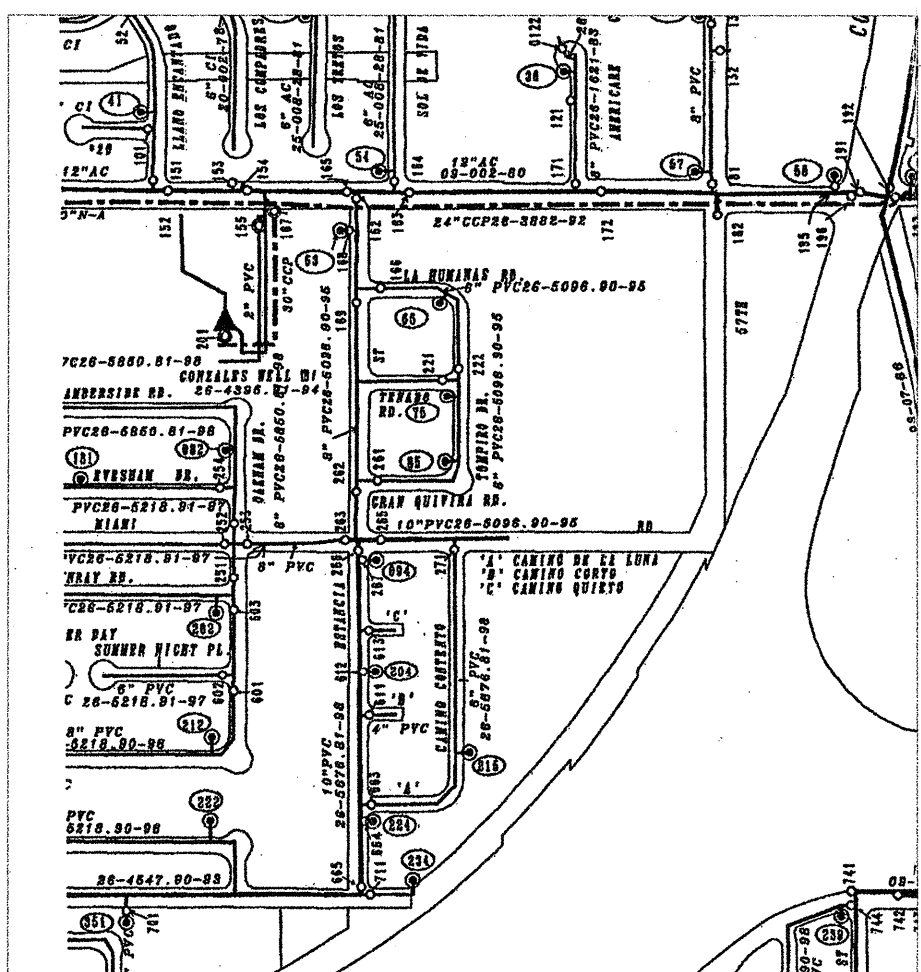
LEGEND

- PROPOSED SAS SERVICE
- PROPOSED WATER METER & SERVICE
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SAS MANHOLE

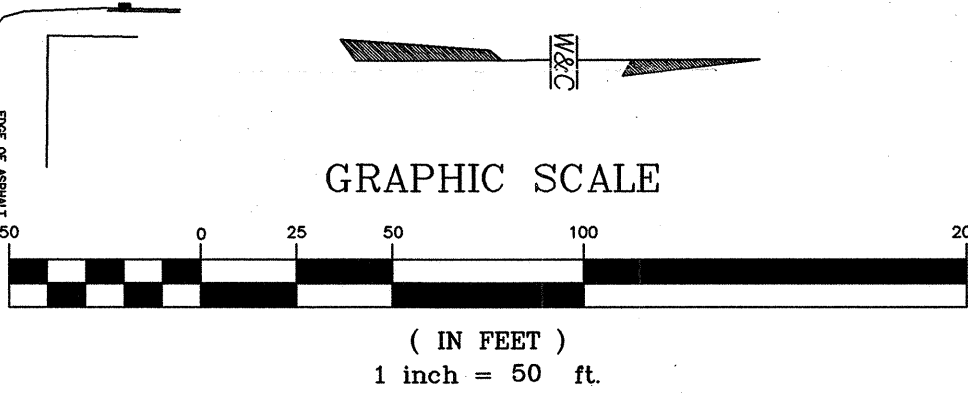


NOTES

1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN.
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF THE VALVES INDICATED IN THE PLAN.



WATER SHUTOFF PLAN



WILSON & COMPANY 4900 LANG AVENUE N.E. ALBUQUERQUE, NEW MEXICO 87109 (505) 348-4000		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
		CHAMISA COVE OVERALL UTILITY PLAN	
DATE NOV. 2000	DESIGN SUS	City Project No. 654081	Zone Map No. H-11-Z
FILE NO. X0015	DRAWN JLB	Design Review Committee	City Engineer Approval
		Last Design Update	Mo./Day/Yr.
		Sheet 1	Of 1