

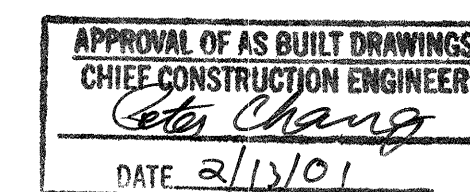


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ISLETA INTERCEPTOR SANITARY SEWER
TRENCHLESS REHABILITATION
(CAMINO DEL VALLE TO BARCELONA RD)

DRAWING LIST

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- 5 MISCELLANEOUS DETAILS
- 6 SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
- 7 TYPICAL TRAFFIC CONTROL SIGNING EXAMPLES (REF. M.U.T.C.D.)



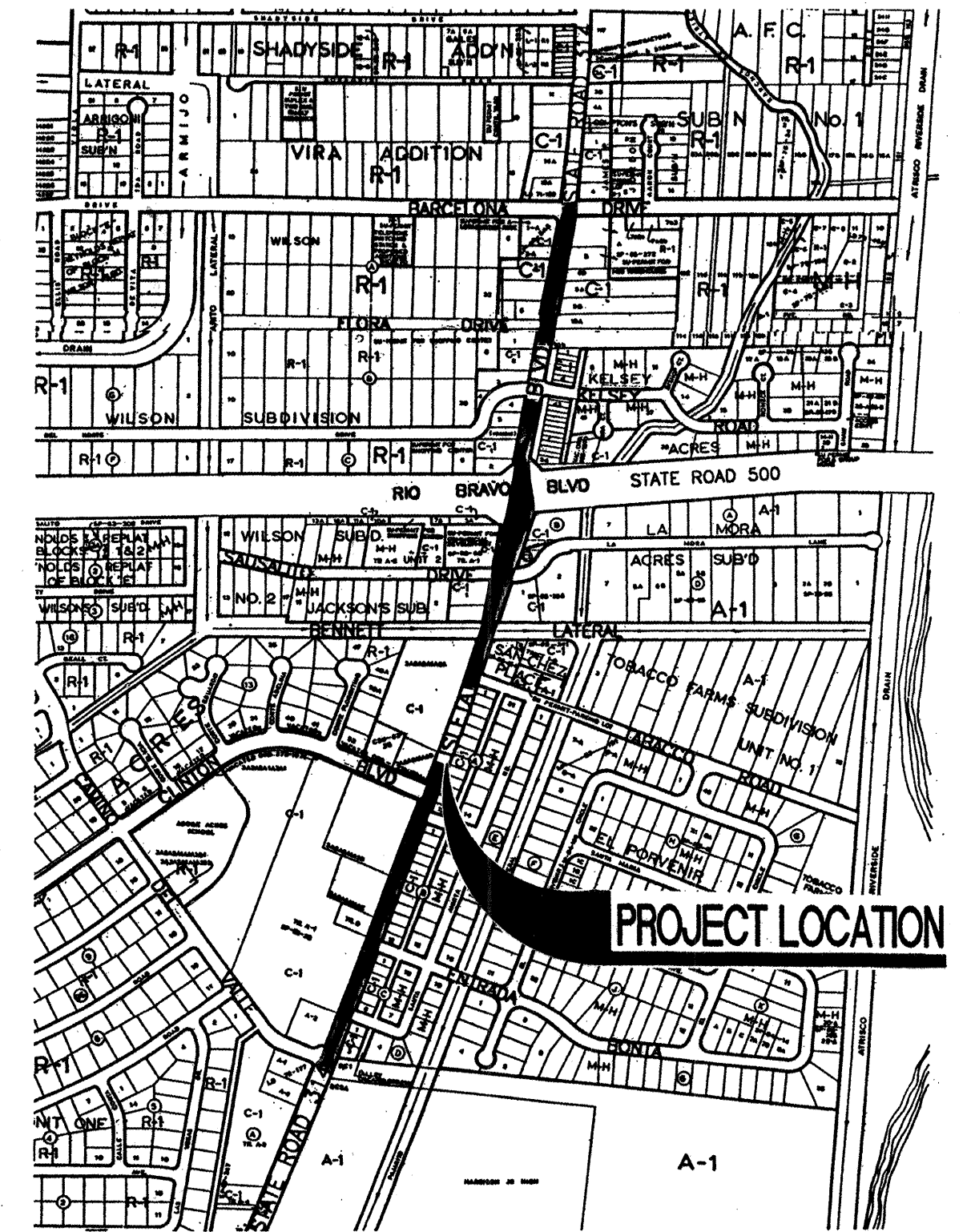
APPROVED FOR CONSTRUCTION:

COUNTY OF BERNALILLO

6/26/00
DATE

NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT

6/29/00
DATE



VICINITY MAP
MAP NOS. N-12, P-12

HN

Holmes & Narver
6501 AMERICAS PARKWAY, NE
SUITE 700 (505)889-4100
ALBUQUERQUE, NM 87110

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		6-29-00		7-3-00	
		Transportation		6-29-00		6-29-00	
		Water/Wastewater		Rebecca C. Fink		6-29-00	
		Hydrology		Bradley L. Bingham		6-29-00	
		Parks					
		Constr. Mngmt.					
		Constr. Coord.		6-29-00			
		City Project No.		636291			
		Sheet		1		Of 7	

SCANNED BY
MESA REPRO

GENERAL NOTES

1.

ALL WORK DETAILED ON THESE DRAWINGS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED THROUGH UPDATES NO. 6, HEREBY REFERRED TO AS THE SPECIFICATIONS. REFERENCES MADE TO STANDARD DRAWINGS IMPLY THAT SECTION OF THE SPECIFICATIONS, WHICH INCLUDES MISCELLANEOUS STANDARD DETAILS.
2.

LOCATION OF UTILITIES ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PERTINENT UTILITIES IN THE FIELD. CALL ONE CALL SYSTEM, INC. AT 260-1990 TWO WORKING DAYS BEFORE ANY EXCAVATION.
3.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUPPORT ALL UTILITIES EXPOSED DURING CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO ALL UTILITIES, INCLUDING SERVICE LINES.
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 PUBLIC WORKS DEPARTMENT SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5.

ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET, AS PER COA AND COUNTY OF BERNALILLO STANDARDS.
6.

ALL PAVEMENT MARKINGS OR OTHER TRAFFIC CONTROL DEVICES INCLUDING TRAFFIC SIGNAL CONDUIT, ADVERSELY AFFECTED BY CONSTRUCTION SHALL BE REPLACED IN PRE-CONSTRUCTION CONDITION. THESE COSTS SHALL BE INCIDENTAL TO THE PROJECT UNLESS OTHERWISE INCLUDED IN BID ITEMS.
7.

CONTRACTOR SHALL COORDINATE WITH PNM (JIM VANN - 848-3426) WHERE LIP OF TRENCH IS LESS THAN 5' TO POWER POLE. COSTS ASSOCIATED WITH SUPPORT OF EXISTING POLES SHALL BE INCIDENTAL TO THE PROJECT.
8.

CONTRACTOR SHALL BE CHARGED BY PNM FOR ANY DAMAGE TO PNM CABLES AND FOR SUPPORTING OR MINOR RELOCATIONS OF CABLES DURING CONSTRUCTION. THESE COSTS SHALL BE INCIDENTAL TO THE PROJECT.
9.

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
10.

THE CONTRACTOR SHALL PROVIDE FOUR PROJECT CONSTRUCTION SIGNS PER THE REQUIREMENTS OF SPECIAL PROVISIONS.
11.

STATIONING IS BASED ON CENTERLINE OF SANITARY INTERCEPTOR SEWER, CENTERLINE MANHOLE TO CENTERLINE MANHOLE, UNLESS NOTED OTHERWISE.
12.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DEFECTIVE OR DETERIORATED CONDITION UPON VISUAL INSPECTION OF EXISTING SERVICE LINES.
13.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND RECONNECT ALL EXISTING SEWER SERVICE CONNECTIONS.
14.

SANITARY SEWER SERVICE RECONNECTIONS AND TRANSFERS SHALL BE PAID FOR IN ACCORDANCE TO THE UNIT PRICE LISTED ON THE BID PROPOSAL. HOWEVER, THOSE CONNECTIONS DAMAGED WHILE PERFORMING THE WORK UNDER THIS PROJECT SHOULD BE REPLACED AT NO ADDITIONAL COST.
15.

ALL SANITARY SEWER MANHOLES SHALL BE BUILT IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD DRAWING 2102. ALL SANITARY SEWER MANHOLES SHALL BE 4 FEET DIAMETER UNLESS OTHERWISE NOTED.
16.

ELCTRONIC MARKER DISCS SHALL BE INSTALLED PER SECTION 170 OF THE TECHNICAL SPECIFICATIONS.
17.

CONTRACTOR SHALL COORDINATE WITH THE GAS COMPANY OF NEW MEXICO (241-7752) TWO WEEKS PRIOR TO NEEDING A GAS LINE SEGMENT RELOCATED.
18.

CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR 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 SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE 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.
19.

ALL EXISTING SANITARY SERVICES SHALL BE RECONNECTED TO THE NEW SEWER MAIN AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2134.
20.

CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
21.

PRIOR TO THE START OF CONSTRUCTION, ALL ADJACENT PROPERTY OWNERS SHALL BE GIVEN NOTIFICATION BY THE CONTRACTOR OF THE FORTHCOMING CONSTRUCTION IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS. THIS NOTIFICATION WILL INCLUDE THE DETERMINATION OF THE LOCATION OF NEW SANITARY SERVICE CONNECTIONS OR THE CONDITION OF AN EXISTING SANITARY SERVICE LINE TO BE RECONNECTED TO THE SEWER MAIN.
22.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
23.

ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART F.
24.

CONTRACTOR IS ADVISED TO VISIT THE PROJECT SITE PRIOR TO BIDDING AND FAMILIARIZE THEMSELVES WITH FIELD CONDITIONS INCLUDING THE LOCATION OF UTILITIES SHOWN ON THE PLANS AND OTHER UTILITIES/OBSTACLES CLEARLY VISIBLE IN THE FIELD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PLAN THEIR CONSTRUCTION METHODS TO ADEQUATELY SUPPORT AND/OR AVOID ALL UTILITIES SHOWN ON THE PLANS AND ALL UTILITIES/OBSTRUCTIONS CLEARLY VISIBLE IN THE FIELD. ANY RELOCATION OF UTILITIES/OBSTACLES SHOWN ON THE PLANS OR VISIBLE IN THE FIELD IN ORDER TO COMPLETE THE REQUIRED WORK WILL BE CONSIDERED TO BE CONTRACTOR CONVENIENCE AND BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS THE UTILITY/OBSTRUCTION IS IDENTIFIED ON THE PLANS AS BEING RELOCATABLE AS PART OF THE PROJECT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL REQUIRED RELOCATIONS WITH APPROPRIATE UTILITIES/INDIVIDUALS.
25.

THE CONTRACTOR SHALL SUPPORT AND MAINTAIN OPERATIONAL ALL EXISTING UTILITIES AS REQUIRED. ALL COSTS ASSOCIATED WITH THE SHORING, BRACING AND/OR SUPPORT OF EXISTING UTILITIES FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.
26.

PAVEMENT AND REPLACEMENT AS REQUIRED FOR INSERTION PIT EXCAVATIONS, GROUTING OPERATIONS, OR OTHER REPAIRS SHALL BE IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT SECTION DETAIL.
27.

TRENCH CUT WIDTHS FOR INSERTION PITs, GROUTING OPERATIONS OR OTHER REPAIRS SHALL BE THE MINIMUM WIDTHS REQUIRED FOR UTILITY INSTALLATION, ECONOMICAL BACKFILL AND COMPACTION, AND COMPLIANCE WITH CURRENT AND APPLICABLE OSHA SAFETY REGULATIONS. ALL COSTS ASSOCIATED WITH INSERTION PIT EXCAVATIONS, BACKFILL AND COMPACTION GROUTING OPERATIONS OR OTHER REPAIRS INCLUDING PAVEMENT REMOVAL AND REPLACEMENT AS REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.
28.

CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBJECTIONABLE MATERIAL FROM THE CONSTRUCTION SITE. A DISPOSAL SITE FOR ALL REMOVAL ITEMS SHALL BE OBTAINED BY THE CONTRACTOR. THE SITE SHALL BE IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE COUNTY OF BERNALILLO PUBLIC WORKS DEPARTMENT. ALL COSTS INCURRED THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
29.

GROUNDWATER MAY BE ENCOUNTERED DURING INSERTION PIT EXCAVATIONS. ALL COSTS ASSOCIATED WITH DE-WATERING, IF REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE.
30.

THE CONSTRUCTION PROCESS AND THE COMPLETED CONSTRUCTION MUST NOT ALTER OR ADVERSELY AFFECT THE CURRENT SURFACE DRAINAGE PATTERNS FOR THIS ROADWAY, ITS RIGHT-OF-WAY, AND ALL CONNECTING ROADWAYS AND RIGHTS-OF-WAY. THE CONSTRUCTION PROCESS AND THE COMPLETED CONSTRUCTION MUST NOT ALTER OR ADVERSELY AFFECT SURFACE GRADING AND DRAINAGE FOR ADJACENT PROPERTIES.
31.

THE GENERAL CONTRACTOR SHALL CALL A BERNALILLO COUNTY PUBLIC WORKS INSPECTOR TO VERIFY THE ASPHALT ROAD SECTION PRIOR TO REPAIR OR REPLACEMENT.
32.

COUNTY OF BERNALILLO INSPECTION IS REQUIRED, APPLICANT MUST OBTAIN PERMITS AT BERNALILLO COUNTY PUBLIC WORKS DIVISION. PHONE (505) 848-1520.

33.

CONSTRUCTION SIGNING:

A.

ALL BARRICADES AND SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, MOST RECENT EDITION.

B.

CONTRACTOR SHALL PREPARE A CONSTRUCTION SIGNING PLAN AND OBTAIN APPROVAL OF SUCH A PLAN FROM THE COUNTY OF BERNALILLO, PUBLIC WORKS DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

C.

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A MOUNTED HEIGHT OF SEVEN (7) FEET.

D.

CONTRACTOR SHALL MAINTAIN ALL BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.

TRAFFIC CONTROL GENERAL NOTES:

1.

PROJECT IS SUBJECT TO THE REQUIREMENTS OF COUNTY ORDINANCE NO. 95-12 AND ORDINANCE NO. 96-3. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY. CONTRACTOR SHALL CALL 848-1500 FOR MORE INFORMATION.
2.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE COUNTY TRAFFIC CONTROL MANAGER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK. TRAFFIC CONTROL PLANS SHALL BE PREPARED IN ACCORDANCE WITH MUTCD REQUIREMENTS AND BY CERTIFIED PERSONNEL AND MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT. CALL 848-1504 FOR FURTHER INFORMATION.
3.

A DAILY TRAFFIC CONTROL LOG SHALL BE MAINTAINED BY THE CONTRACTOR REFLECTING THE TYPES AND LOCATIONS OF ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, ETC. BEING USED ON THE PROJECT IN COMPLIANCE WITH THE APPROVED TRAFFIC CONTROL PLAN. THIS LOG SHALL BE SUBMITTED TO THE BERNALILLO COUNTY TRAFFIC CONTROL MANAGER UPON COMPLETION OF THE PROJECT CONSTRUCTION OR WHEN SO REQUESTED BY THE PROJECT MANAGER OR THE BERNALILLO COUNTY TRAFFIC CONTROL MANAGER.
4.

CONTRACTOR SHALL PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT, ATTN.: HOSS FOSTER.
5.

THE CONTRACTOR SHALL FILE WEEKLY WRITTEN REPORT TO THE TRAFFIC CONTROL MANAGER DESCRIBING THE TRAFFIC CONTROL PLAN THAT WILL BE IN EFFECT THE FOLLOWING WEEK.
6.

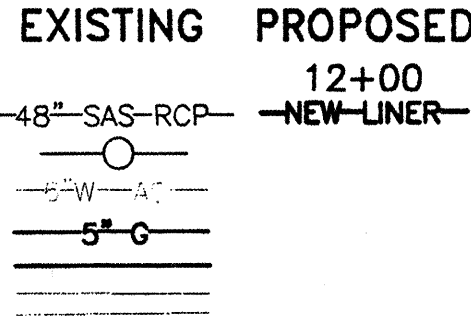
SUBJECT TO THE APPROVED TRAFFIC CONTROL PLAN, AT LEAST ONE LANE SHALL BE OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE PROPER SIGNAGE AND PERSONNEL TO ASSURE PROPER SAFETY TO THE TRAVELING PUBLIC ON ALL AFFECTED ROADS. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL PRIVATE AND PUBLIC PROPERTY AT ALL TIMES, EXCEPT WHEN GRADING, EXCAVATION, AND BACKFILL OPERATIONS, ARE BEING CONDUCTED IMMEDIATELY IN FRONT OF THE PROPERTY, IN WHICH CASE ACCESS WILL NOT BE DENIED FOR MORE THAN 4 HOURS WITHOUT APPROVAL BY THE COUNTY.
7.

TRAFFIC LANES PROVIDED DURING CONSTRUCTION SHALL BE MAINTAINED IN SUCH A CONDITION UNDER ALL WEATHER CONDITIONS SO AS TO PERMIT THE REASONABLE PASSAGE OF PASSENGER VEHICLES, AND SHALL BE KEPT GRADED AND SMOOTH, AND WATERED SEVERAL TIMES DAILY TO CONTROL DUST.
8.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT, ATTN: MS. KATHY TRUJILLO, PE, PHONE 505/841-2761 AT LEAST 7 DAYS PRIOR TO COMMENCEMENT OF WORK WITHIN THE RIGHT-OF-WAY OF THE RIO BRAVO BLVD. INTERSECTION. TRAFFIC CONTROL PLANS MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT.

LEGEND

STATIONING
SANITARY SEWER
MANHOLE
WATERLINE
GAS
PROPERTY LINE
PAVEMENT



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ISLETA INTERCEPTOR SANITARY SEWER TRENCHLESS REHABILITATION
GENERAL NOTES, TRAFFIC CONTROL GENERAL NOTES AND LEGEND

Design Review Committee

City Engineer Approval

Last Design Update

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.

Zone Map No.

Sheet

Of

636291

N-12, P-12

2

7

* EXIST. 10' AC WL WAS REMOVED & RETRACED WITH 10" PVC DUE TO CONFLICT WITH SLIDING OPERATION 18+13 TO 19+19.

MATCHLINE STA 21+00
SEE PLAN 2, THIS SHT

PLAN 1
SCALE: 1" = 50'

SEE PLAN 1, THIS SHT
MATCHLINE STA 21+00

29+90
INSERTION PIT
#4

WATCHLINE STA 32+00
SEE PLAN 3 SHT 4

— EXISTING
IRRIGATION
STRUCTURE

PLAN 2
SCALE: 1" = 50'

SEE PLAN 3 / SHI 4
SEE PLAN 2, THIS SHI

: EXIST. 48" CP SAS LINE WAS
SLIDELINED WITH 42" VYLON.

EXIST. 10" AC UL WAS REMOVED & REPLACED
WITH 10" PVC DUE TO CONFLICT WITH
SLIDELINE OPERATION 18+13 TO 19+19.

EXISTING
IRRIGATION
STRUCTURE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ISLETA INTERCEPTOR SANITARY SEWER TRENCHLESS REHABILITATION

PLAN 1 STA 10+00 TO STA 21+00
PLAN 2 STA 21+00 TO STA 32+00

DESIGN REVIEW COMMITTEE
APPROVED
JUL - 2 2000
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
JUL - 5 2000
CITY ENGINEER

Last Design Update

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

City Project No. 636291

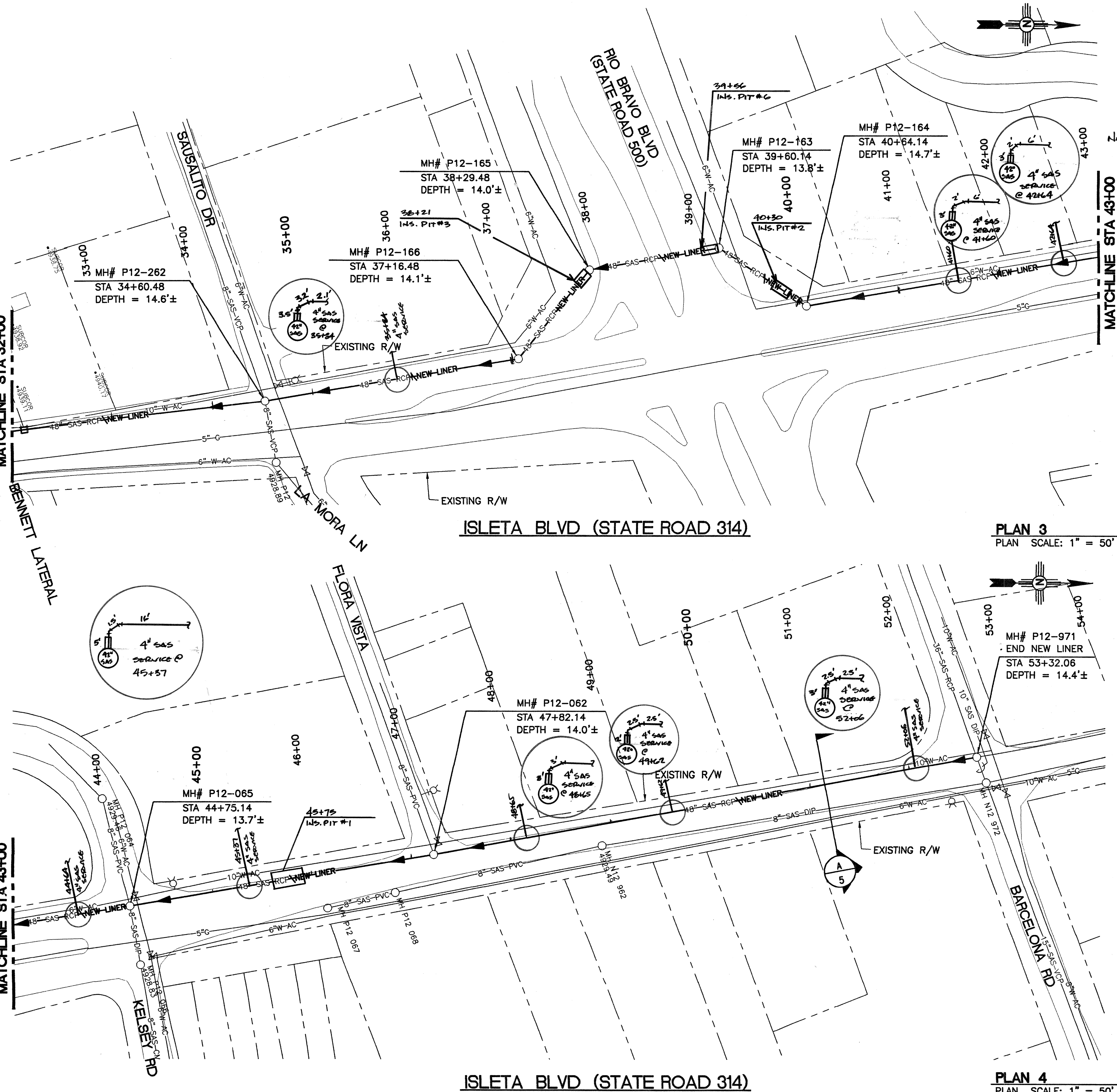
Zone Map No. N-12 P-12

Sheet 3 Of 7

STA. 32+20
CONC. COLLAR POURED
@ JOINT LEAK
BLVD MAINLINE
CONSTRUCTED.

SEE PLAN 2, SHT 3
MATCHLINE STA 32+00

SEE PLAN 3, THIS SHT
MATCHLINE STA 43+00

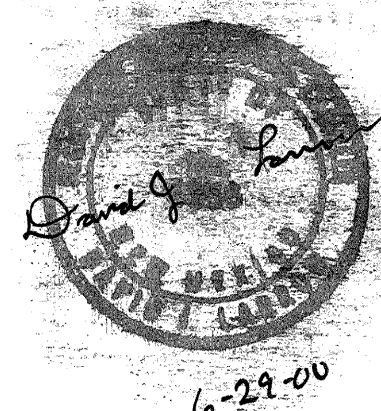


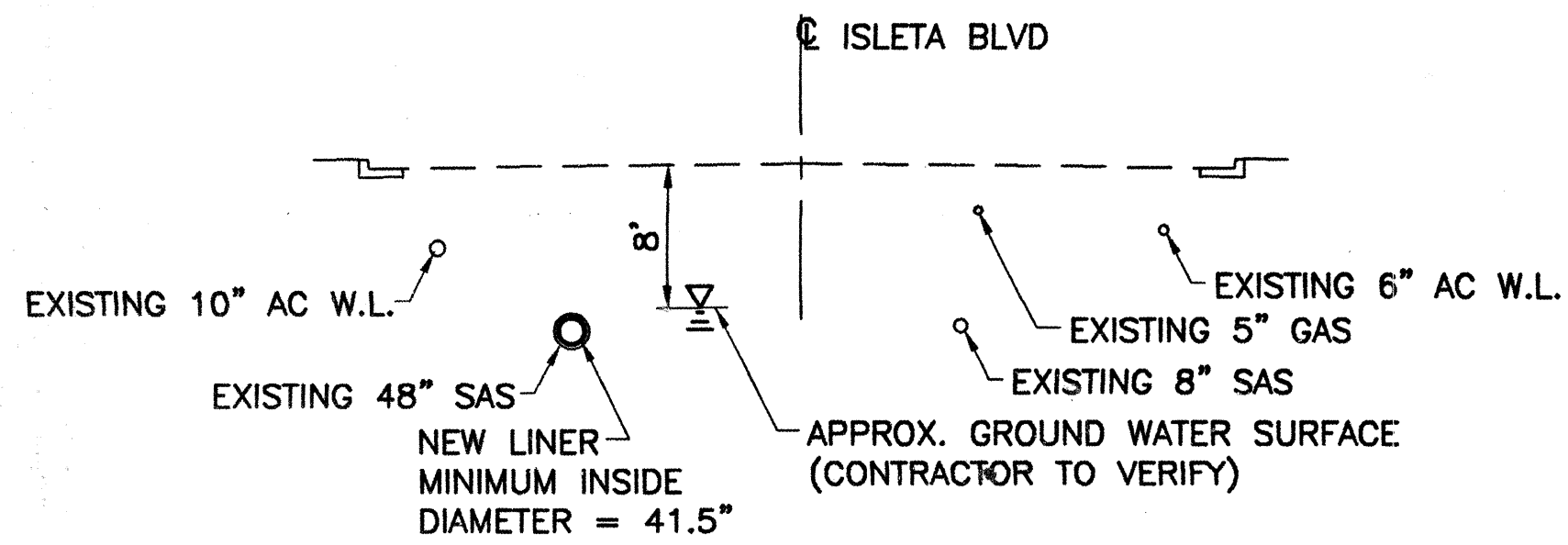
NOTE: EXIST. 48\"/>

*CONTAMINATED SOILS ENCOUNTERED
@ 42+64. 16\"/>

PLAN 3
PLAN SCALE: 1\"/>

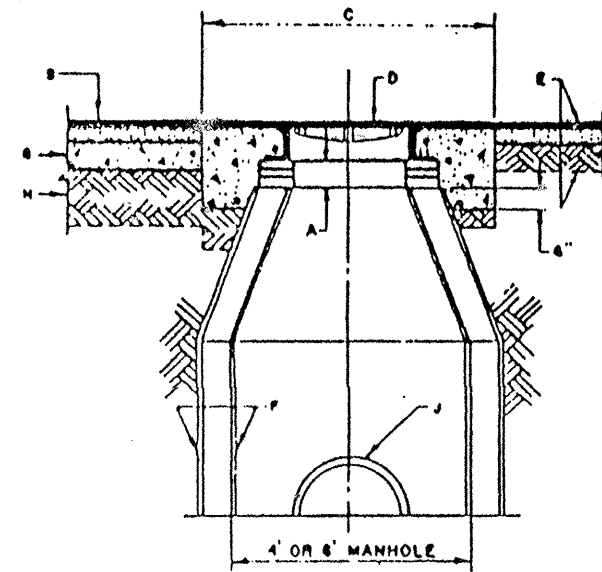
PLAN 4
PLAN SCALE: 1\"/>

ENGINEER'S SEAL				SURVEY INFORMATION				AS BUILT INFORMATION			
 6-29-00				FIELD NOTES		DATE		CONTRACTOR		DATE	
				NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE
NO. DATE REMARKS DESIGN				BY		DATE		BY		DATE	
				BY		DATE		BY		DATE	
DESIGNED BY: RLB DATE: JUNE 2000 DRAWN BY: JLM DATE: JUNE 2000 CHECKED BY: DJL DATE: JUNE 2000				BY		DATE		BY		DATE	
TITLE: ISLETA INTERCEPTOR SANITARY SEWER TRENCHLESS REHABILITATION PLAN 3 STA 32+00 TO STA 43+00 PLAN 4 STA 43+00 TO STA 54+00				BY		DATE		BY		DATE	
City Project No. 636291 Zone Map No. N-12, P-12				BY		DATE		BY		DATE	
Sheet 4 of 7				BY		DATE		BY		DATE	

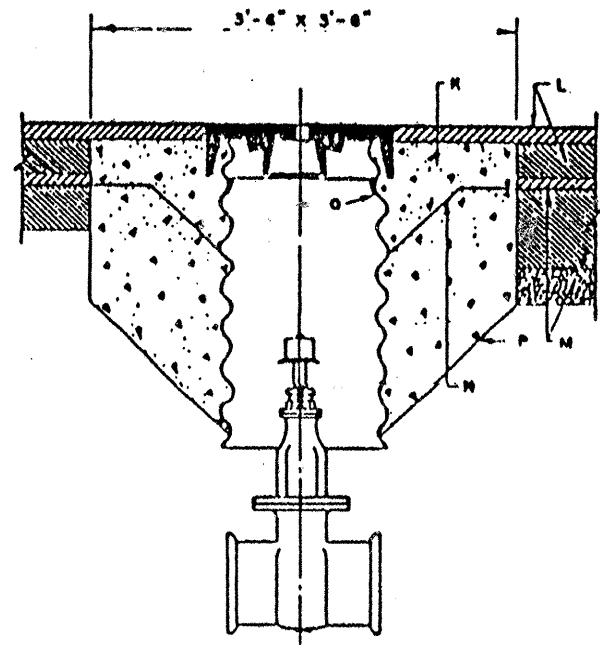


SECTION
SCALE 1" = 10'

A
5



MANHOLE REGRADING DETAIL



VALVE BOX REGRADING DETAIL

GENERAL NOTES:

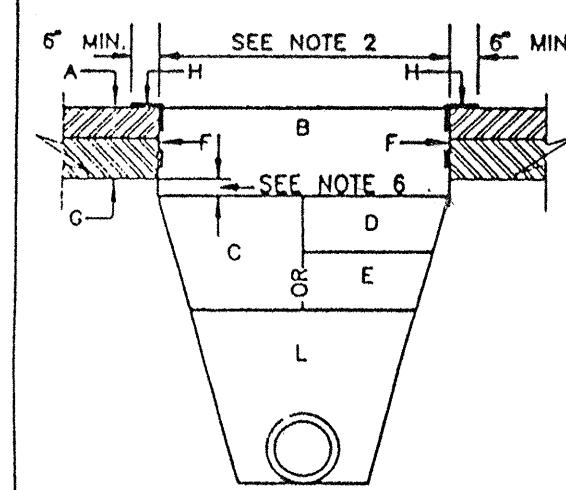
- Adjustment to grade of frame and cover shall be made by varying brick courses directly under frame, using for course max. If less than one course is required, grout only shall be used. If adjustment would require greater than four courses, the cone shall be removed, barrel height adjusted and cone replaced. Adjustment rings may be used for minor adjustment requirements.
- For small adjustments water valve extension collar & insert may be used see DWG: 2332.

CONSTRUCTION NOTES:

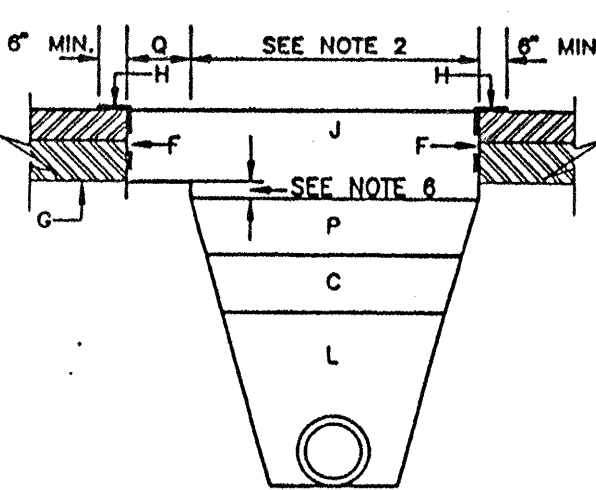
- Four brick courses max.
- Overlay
- Use a cone pad 5'x5' in all areas.
- MH frame & cover.
- STD paving seat
- 1/2" plaster inside & outside except on present units.
- A.T.B. or C.T.B.
- Subgrade.
- Sewer line.
- New portland cement cone
- New paving material.
- Exist pavement.
- Cut line.
- Exist cone
- Valve box extension, see DWG: 2325

COUNTY OF BERNALILLO

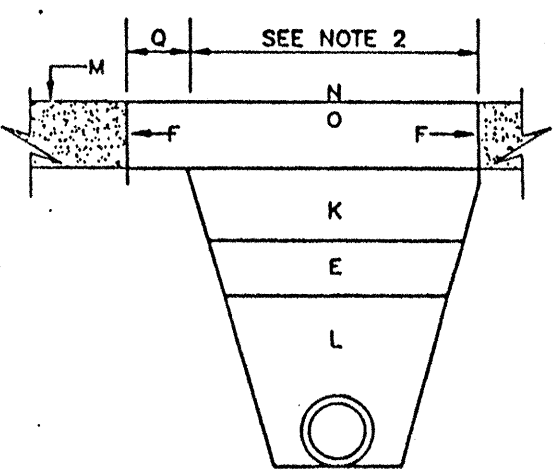
REVISION
1-JUL-91 PAVING
MH & VALVE BOX REGRADING
DWG: 2460



RESIDENTIAL STREETS



ARTERIAL OR
COLLECTOR STREETS



CONCRETE PAVEMENT

GENERAL NOTES:

- COMPACTION AS DETERMINED BY ASTM D 1557 MAX. DENSITY.
- TRENCH CUT WIDTHS SHALL BE MIN. WIDTH REQ'D FOR UTILITY INSTALLATION, ECONOMICAL BACKFILL COMPACTION AND COMPLIANCE WITH CURRENT AND APPLICABLE SAFETY REGULATIONS.
- ALL PAVEMENT CUT EDGES WILL BE TRIMMED TO PRESENT AN EVEN LINE PRIOR TO REPLACEMENT OF PAVING MATERIALS. "STITCH" CUTTING OF PAVEMENT WILL NOT BE PERMITTED.
- FOR RESIDENTIAL STREETS, ASPHALT CONC. SURFACE COURSE SHALL BE 1 1/2". THE REMAINDER SHALL BE BASE COURSE.
- FOR ARTERIAL OR COLLECTOR STREETS, ASPHALT CONC. SURFACE COURSE SHALL BE 1 1/2" - 2". THE REMAINDER SHALL BE BASE COURSE.
- ADDITIONAL 2" THICKNESS OF ASPHALT CONC. REQ'D ON PAVEMENT CUTS LESS THAN 8' WIDE OR LESS THAN 100' LONG. FOR ASPHALT CONC. PAVEMENT CUTS 8' OR MORE IN WIDTH AND LONGER THAN 100' SHALL BE PLACED WITH LAYDOWN MACHINE TO A DEPTH EQUAL TO THAT OF ASPHALT CONC. REMOVED OR TO THE DEPTH SHOWN ON DWG. 2405, 2407, 2408 FOR APPROPRIATE PAVEMENT SECTION, WHICH EVER IS GREATER.

CONSTRUCTION NOTES

- 2"-4" EXIST. ASPHALT SURFACE COURSE.
- 4"-6" ASPHALT CONC. TO BE 2" THICKER THAN EXIST. PAVEMENT. SEE NOTES 4 & 5.
- 12" COMPACTED SUBBASE MATERIAL, PLACED IN 2-6" LIFTS, 95% COMPACTION.
- 6" BASECOURSE, 95% COMPACTION.
- 6" SUBGRADE MATERIAL, 95% COMPACTION.
- SAWCUT OR BLADECUT ASPHALT PAVEMENT, SAWCUT ONLY ONE THIRD CONC. PAVEMENT DEPTH.
- EXIST. ASPHALT PAVEMENT.
- TACK COAT.
- 4"-6" ASPHALT CONC. TO BE 2" THICKER THAN EXIST. PAVEMENT. SEE NOTES 5 & 6.
- 6" BASECOURSE, 95% COMPACTION.
- SUBGRADE MATERIAL, 95% COMPACTION.
- EXIST. CONC. PAVEMENT.
- JOINTS TO BE TOOLED & SEALED IN ACCORDANCE WITH ENGINEER'S REQUIREMENTS.
- TO MATCH EXIST. THICKNESS, 6" MIN. 4000 P.S.I.
- 6" BASECOURSE, 95% COMPACTION.
- 12" CUT-BACK, ONLY APPLICABLE TO FED. HWY. AND NMSDO FUNDED PROJECTS.

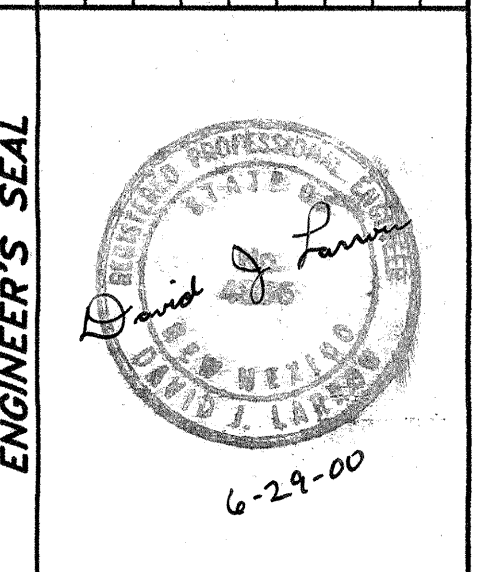
COUNTY OF BERNALILLO

REVISION
PAVING
COUNTYWIDE PAVEMENT CUTS
FOR ALL UTILITIES
DWG. 2465

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
INSPECTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
FIELD ENGINEER	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
SUPERVISOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
MICRO-FILM INFORMATION			
RECORDED BY	DATE	NO.	DATE
ALLI	2/01		

BENCH MARKS			
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
INSPECTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
FIELD ENGINEER	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
SUPERVISOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01

SURVEY INFORMATION			
FIELD NOTES	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
INSPECTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
FIELD ENGINEER	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
SUPERVISOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01



ENGINEER'S SEAL			
NO.	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
INSPECTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
FIELD ENGINEER	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
SUPERVISOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01
CONTRACTOR	DATE	BY	DATE
ALLI	2/01	ALLI	2/01



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ISLETA INTERCEPTOR SANITARY SEWER TRENCHLESS REHABILITATION
MISCELLANEOUS DETAILS

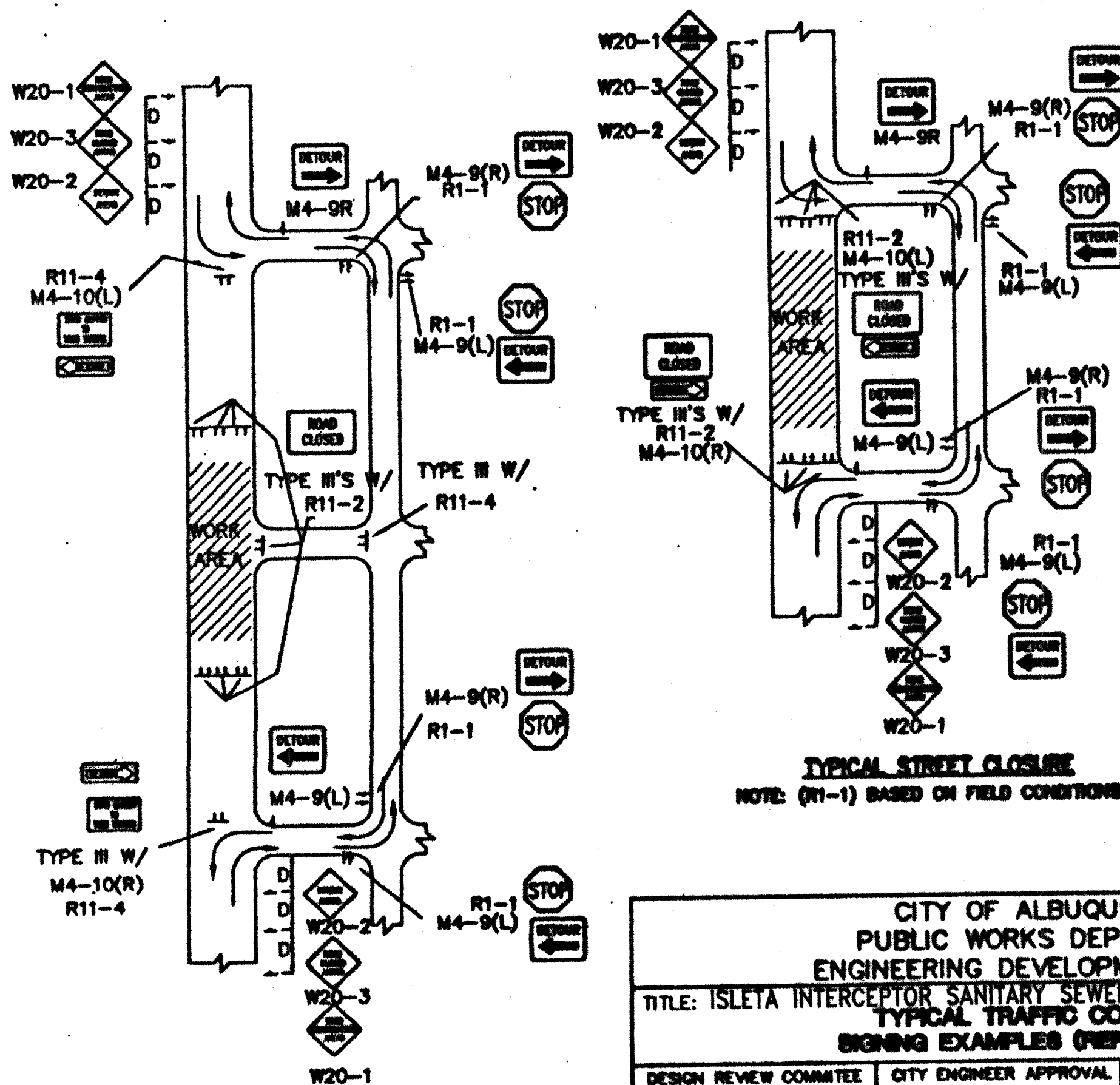
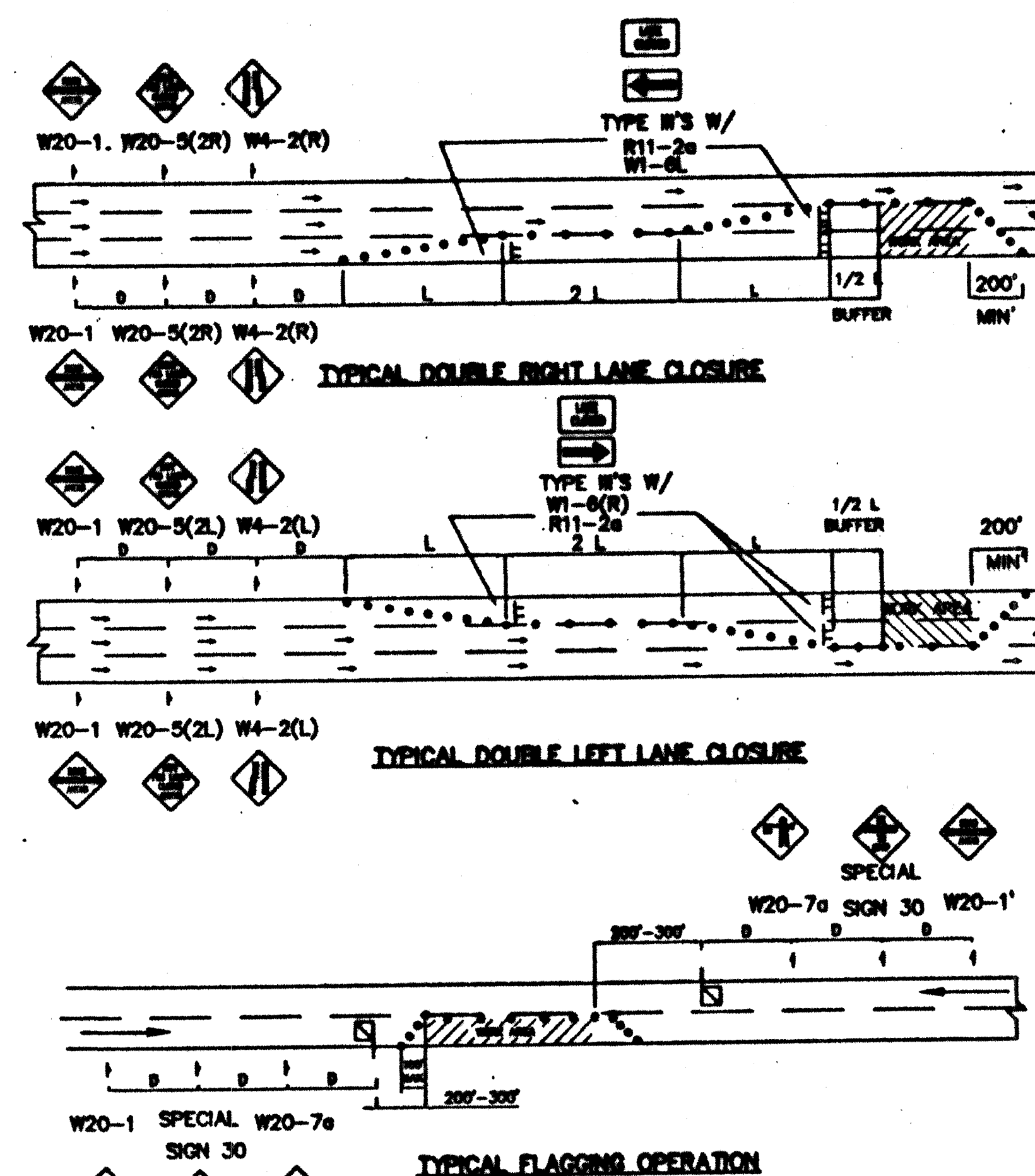
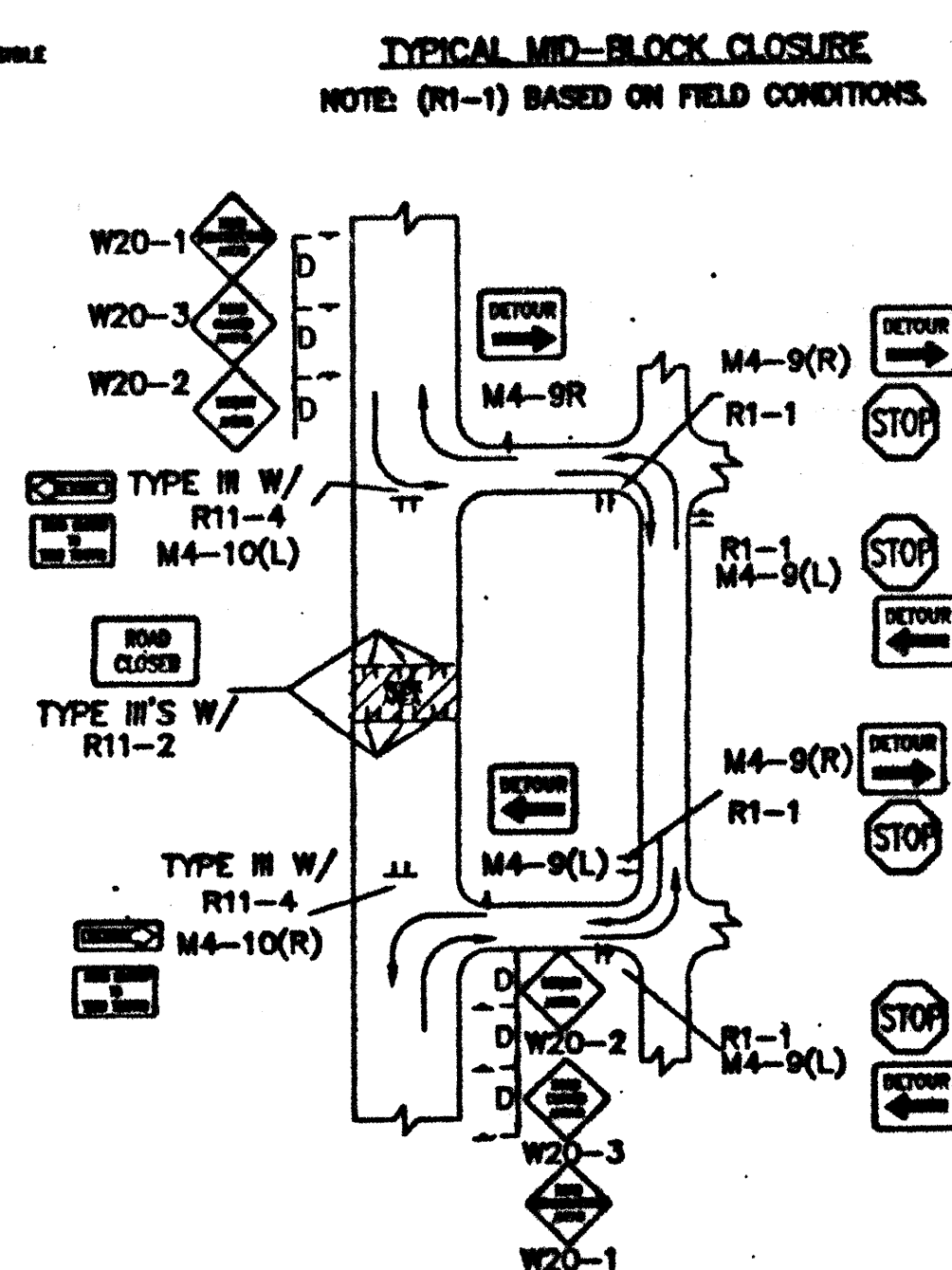
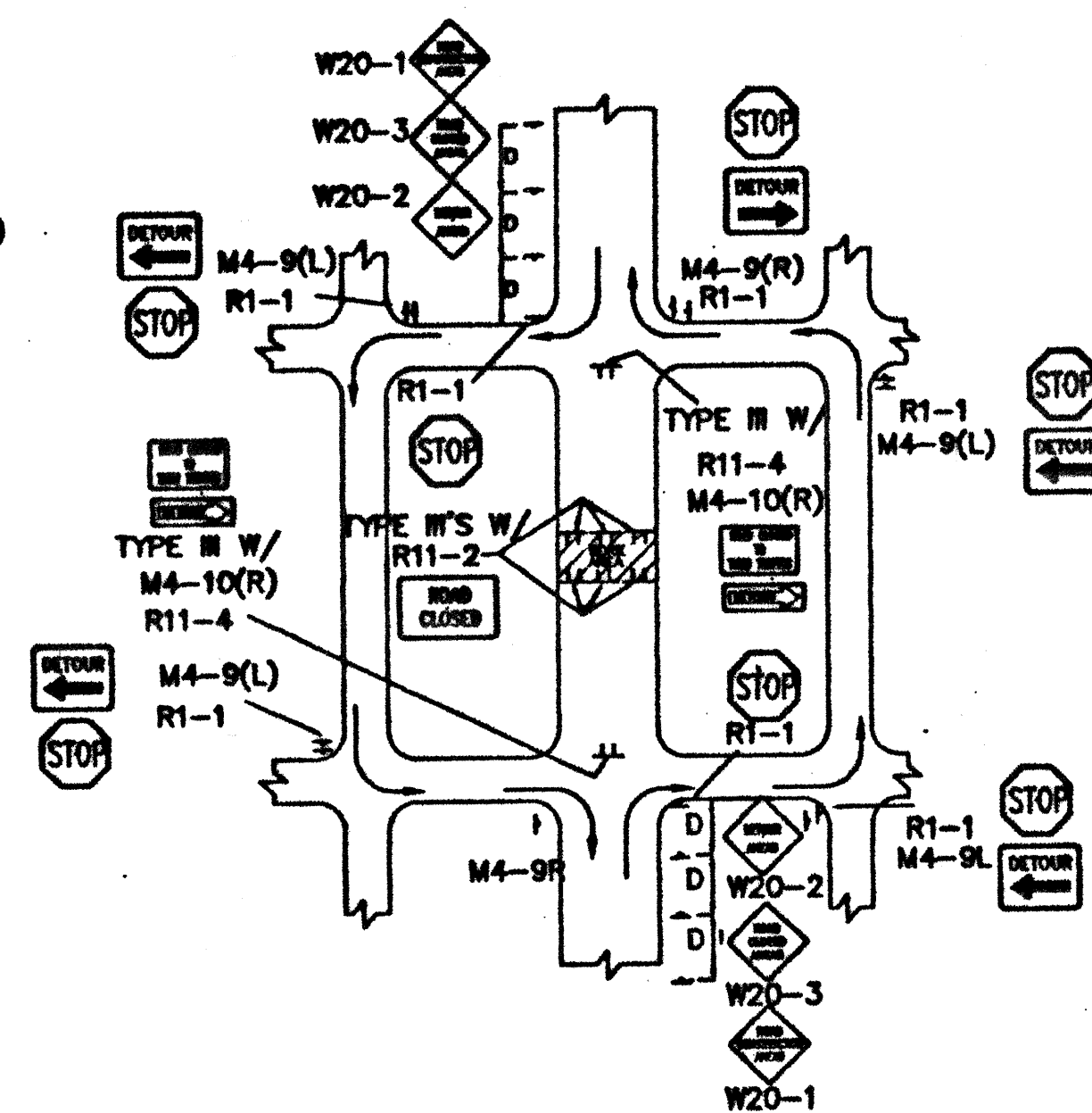
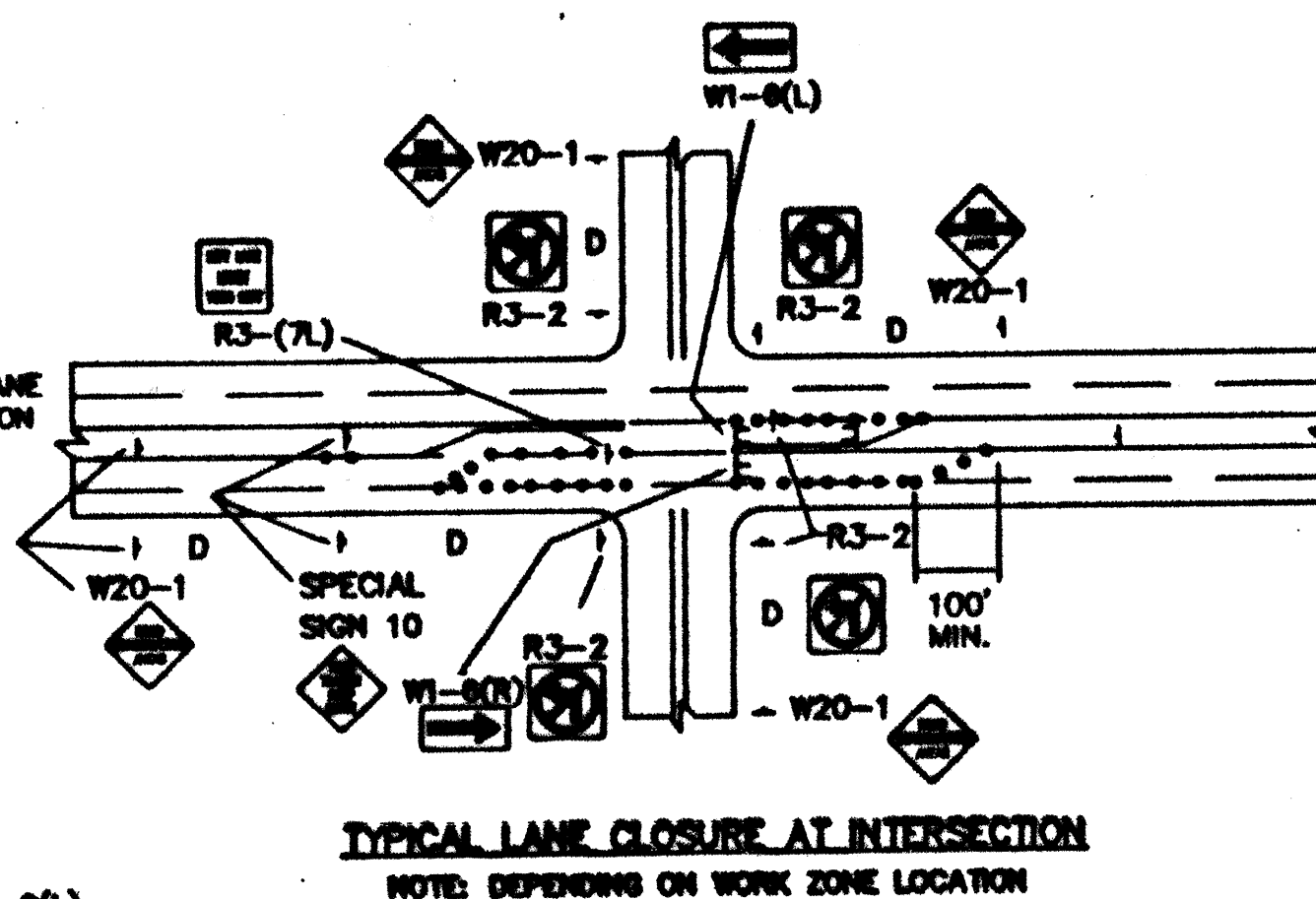

Design Review Committee	City Engineer Approval	Update	No./Day/Yr.	No./Day/Yr.
ALLI	ALLI	ALLI		
INSPECTOR	INSPECTOR	INSPECTOR		
FIELD ENGINEER	FIELD ENGINEER	FIELD ENGINEER		
SUPERVISOR	SUPERVISOR	SUPERVISOR		
CONTRACTOR	CONTRACTOR	CONTRACTOR		

City Project No. 636291 Zone Map No. N-12, P-12 Sheet 5 of 7



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

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: ISLETA INTERCEPTOR SANITARY SEWER TRENCHLESS REHABILITATION TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. MULT.G.D.)			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	REV. DATE
COPD	SID		REV. DATE
PROJECT NO.	MAP NO.	SHEET 7 OF 7	