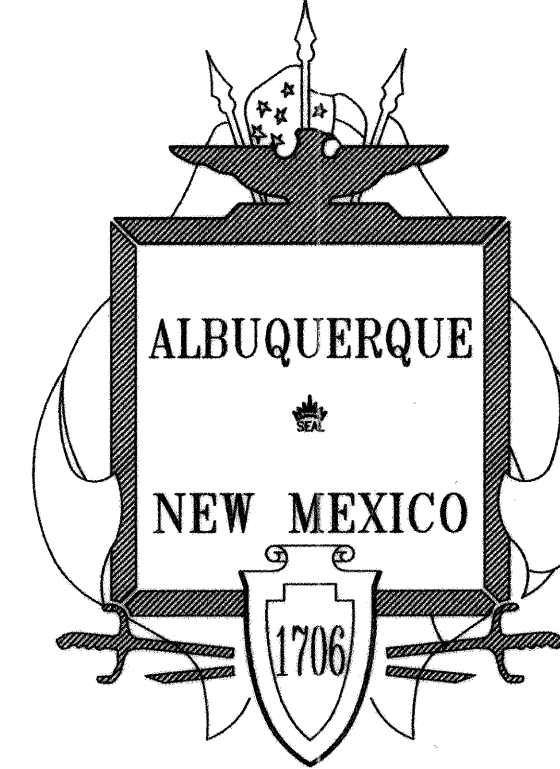


# WYOMING BLVD. STORM DRAIN & LANE WIDENING INDIAN SCHOOL ROAD NE, WYOMING BLVD TO LUTHY STREET

## GENERAL NOTES

1. ALL WORK DETAILED ON THE PROJECT SHALL BE DONE IN ACCORDANCE WITH "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION". 1986, UPDATE SIX, AND ANY REVISIONS AND ADDITIONS IN THE SUPPLEMENTAL SPECIFICATIONS IN THE CONTRACT DOCUMENTS.
2. ALL EXISTING UTILITIES SHOWN HERE WERE OBTAINED AS ACCURATELY AS POSSIBLE FROM RECORD DRAWINGS AND SPOT EXCAVATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN WORKING NEAR THEIR SYSTEMS. TWO DAYS PRIOR TO ANY EXCAVATION, 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 PROJECT MANAGER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5. 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 ENSURE 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 CITY OF ALBUQUERQUE SURVEY DEPT. ONLY. 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.
6. REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK SHALL BE TO THE NEAREST JOINT OR SAW CUT.
7. WHEN MATCHING NEW PAVING TO EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT ON A RIGHT ANGLE, OR AS DIRECTED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN, RAVELED, OR CRACKED PAVEMENT. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
8. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT, WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
9. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
10. ACCESS TO LOCAL BUSINESS AND RESIDENCES SHALL BE KEPT OPEN AT ALL TIMES. TEMPORARY ACCESS CLOSURES, IF REQUIRED, SHALL BE SCHEDULED AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE WITH PROPERTY OWNER AND APPROVED BY THE PROJECT MANGER.
11. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
12. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
14. CONTRACTOR SHALL PROVIDE A TEMPORARY STORM DRAINAGE SYSTEM (SUBJECT TO APPROVAL BY THE CITY HYDROLOGY DIVISION AND THE CITY CONSTRUCTION PROJECT MANAGER) FOR ALL WORK ON THIS PROJECT. THE TEMPORARY SYSTEM SHALL BE CAPABLE OF SAFELY CONVEYING EXISTING RUNOFF ACROSS THE PROJECT AND DISCHARGING INTO THE EXISTING DRAINAGE SYSTEM.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO LANDSCAPING AND IRRIGATION SYSTEMS WITHIN WORK AREA NOT COVERED IN THE PLANS.
16. CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ANY EXISTING UTILITIES EXPOSED DURING REQUIRED EXCAVATIONS.
17. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY THE CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC REFLECTORIZED STRIPING. ALL NEW TRAFFIC SIGNING SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D.
18. ALL PERMANENT SIGNS SHALL BE SUPER ENGINEERING GRADE OR BETTER.
19. ALL PAVEMENT REPLACEMENT SHALL BE DONE AS PER THE PAVEMENT SECTION SHOWN ON SHEET 3 OF THESE PLANS USING A LAYDOWN MACHINE EXCEPT WHERE THE WIDTH OF PAVEMENT CUT IS LESS THAN 8 FEET. WHERE THE PAVEMENT CUT IS LESS THAN 8 FEET IN WIDTH, COA STANDARD DRAWING 2465 ARTERIAL SHALL BE USED.
20. SIDEWALK CONSTRUCTION THAT IS NOT SPECIFICALLY NOTED SHALL BE DONE PER COA STANDARD DRAWING 2430.
21. CURB AND GUTTER CONSTRUCTION THAT IS NOT SPECIFICALLY NOTED SHALL BE DONE PER COA STANDARD DRAWING 2415.

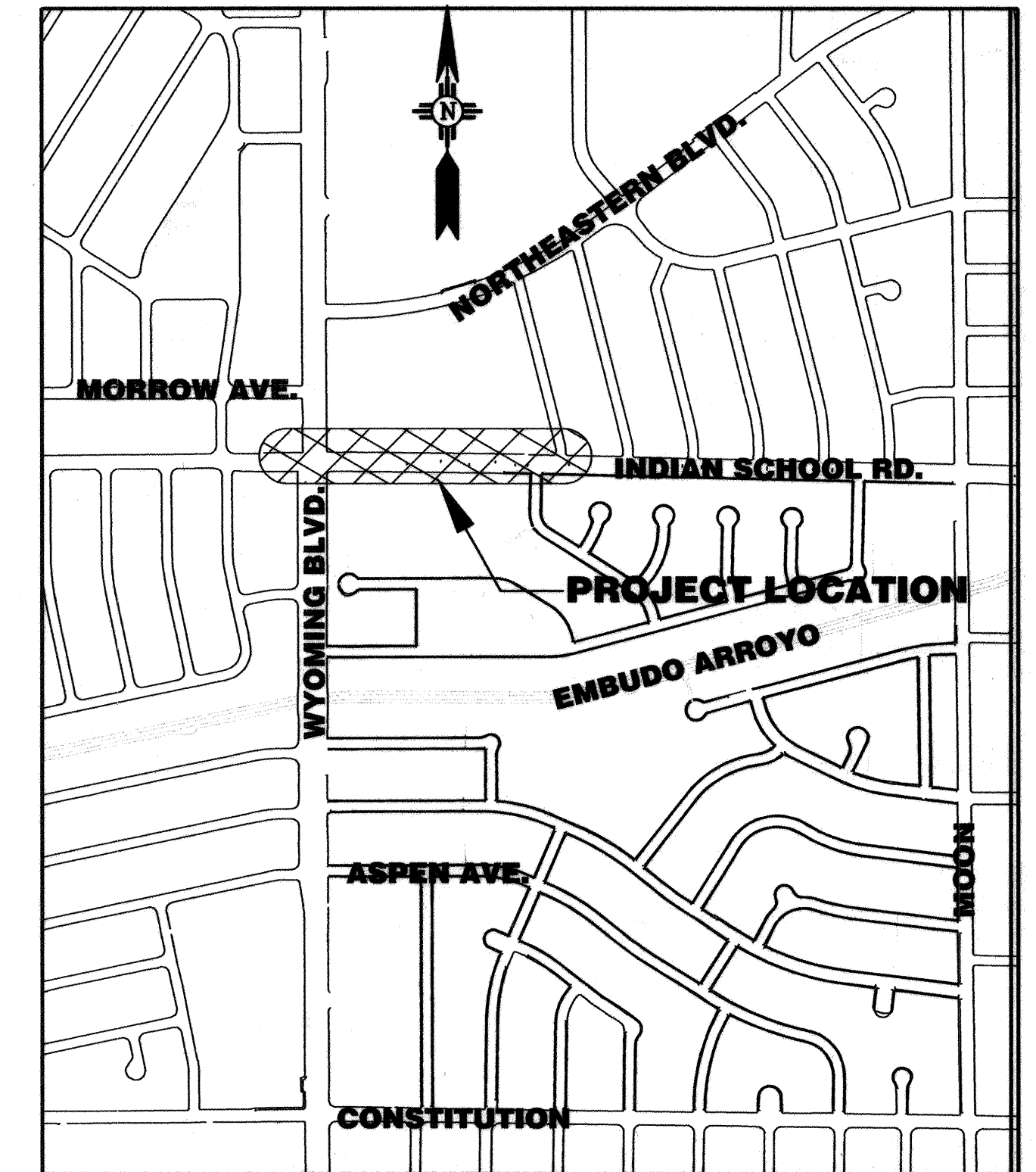
## FOR CITY OF ALBUQUERQUE



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

## INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDIAN SCHOOL ROAD STORM DRAIN PLAN AND PROFILE
3	MISCELLANEOUS DETAILS



## VICINITY MAP

NOT TO SCALE

ALL OF RECORD DRAWINGS  
CONSTRUCTION ENGINEER  
David B. Harte  
DATE 9/8/05

## UTILITY COMPANY CONTACTS

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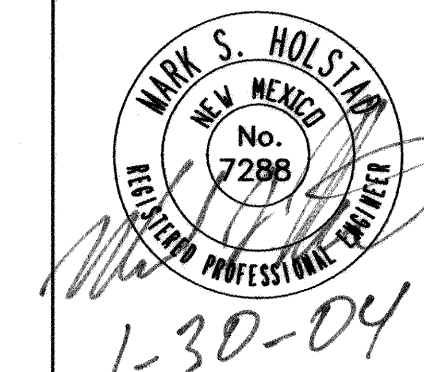
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## URS

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RECORD DRAWINGS  
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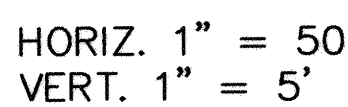
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ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
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		Transportation			01/04		
		Water/Wastewater			01/04		
		Hydrology			01/04		
		CIP			01/04		
		Constr. Mngmt.			2-9-04		
		Constr. Coord.			2-9-04		
City Project No.		576892		Sheet		Of	3

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MESA REPRO

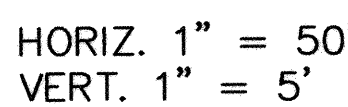
E:\45700 P:\CADD\COVER.DWG



» CANNED BY  
MESA REPRO



HORIZ. 1" = 50'  
VERT. 1" = 5'



1. STATIONING IS ALONG CENTERLINE OF STORM DRAIN.
2. TYPE A INLETS ARE PER COA STD. DWG. 2201 & 2202. TYPE D INLETS ARE PER COA STD. DWG. 2206. MEDIAN DROP INLETS ARE PER COA STD. DWG. 2273. OPEN THROAT ON MEDIAN INLETS SHALL BE 6 FEET.
3. TYPE A MANHOLES ARE PER DETAIL SHOWN SHEET 3. TYPE "E" MANHOLES ARE PER COA STD DWG NO. 2102. TYPE E MH'S ARE 4' D UNLESS NOTED OTHERWISE.
4. ALL STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE, CLASS IV.
5. TRENCH WIDTH ASSUMED - PAVEMENT REMOVAL AND REPLACEMENT IN EXCESS OF LIMITS SHOWN IS AT CONTRACTOR'S COST.
6. FOR INLET INSTALLATIONS, REMOVE UP TO 5 FEET OF CURB AND GUTTER ON EACH SIDE NEW INLET AS NEEDED FOR CONSTRUCTION. REMOVE AND REPLACE UP TO 4 FEET ASPHALT PAVING AND OR SIDEWALK AS NEEDED FOR CONSTRUCTION. PAVEMENT CUTS IN CONNECTION WITH INLET CONSTRUCTION SHALL HAVE NEAT SAWCUT, SQUARED OFF EITHER PERPENDICULAR OR PARALLEL TO THE STREET.
7. 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.
8. IF ANY PORTION OF AN EXISTING WHEELCHAIR RAMP IS IMPACTED BY STORM DRAIN, UTILITY OR ROADWAY CONSTRUCTION, THE RAMP SHALL BE RECONSTRUCTED AS PER COA DRAWING 2441.
9. SAS SERVICE CONNECTIONS ON THE SOUTH SIDE OF WYOMING WILL BE REBUILT. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND REBUILD TO GO UNDER THE NEW STORM DRAIN LINE AT MIN. SLOPE OF 2% (AS POSSIBLE SERVICE RELOCATIONS). SERVICE CONNECTION TO EXISTING 24" SAS SHALL BE MADE AT SPRING LINE OR HIGHER. SERVICE REPLACEMENT SHALL BE SIMILAR TO STD. DI 2125 OR 2134. EXPANSION JOINT MATERIAL IS TO BE PLACED BETWEEN NEW SD & EXISTING SD. SAS LATERALS WHERE CLEARANCE IS MINIMAL.
10. SEE SHEET - 3 FOR WATERLINE NOTES.

EXISTING	NEW	
		GATE VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		SAS MANHOLE
		STORM DRAIN INLET
		STORM DRAIN MANHOLE
		SANITARY SEWER SERVICE
		WATER SERVICE - SINGLE
		WATERLINE
		EXISTING WATERLINE
		SANITARY SEWER LINE
		EXISTING SEWER LINE
		STORM DRAIN
		EXISTING STORM DRAIN
		EXISTING GAS LINE
		EXISTING OVERHEAD ELEC. LINE
		EXISTING UNDERGROUND TELE. LINE
		EXISTING UNDERGROUND TRAFFIC LINE WITH BOX
		EXISTING POWER POLE
		EXISTING TRAFFIC SIGNAL LIGHT
		UTILITY POTHOLE (SEE SHEET 21)
		ASPHALT PAVEMENT REMOVAL

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TITLE: WYOMING STORM DRAIN & LANE WIDENING - WYOMING BLVD TO LUTHY STREET

Design Review Committee	City Engineer Approval	te	Mo./Day/Yr.	Mo./Day/Yr.
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APPROVED \_\_\_\_\_ Updated \_\_\_\_\_

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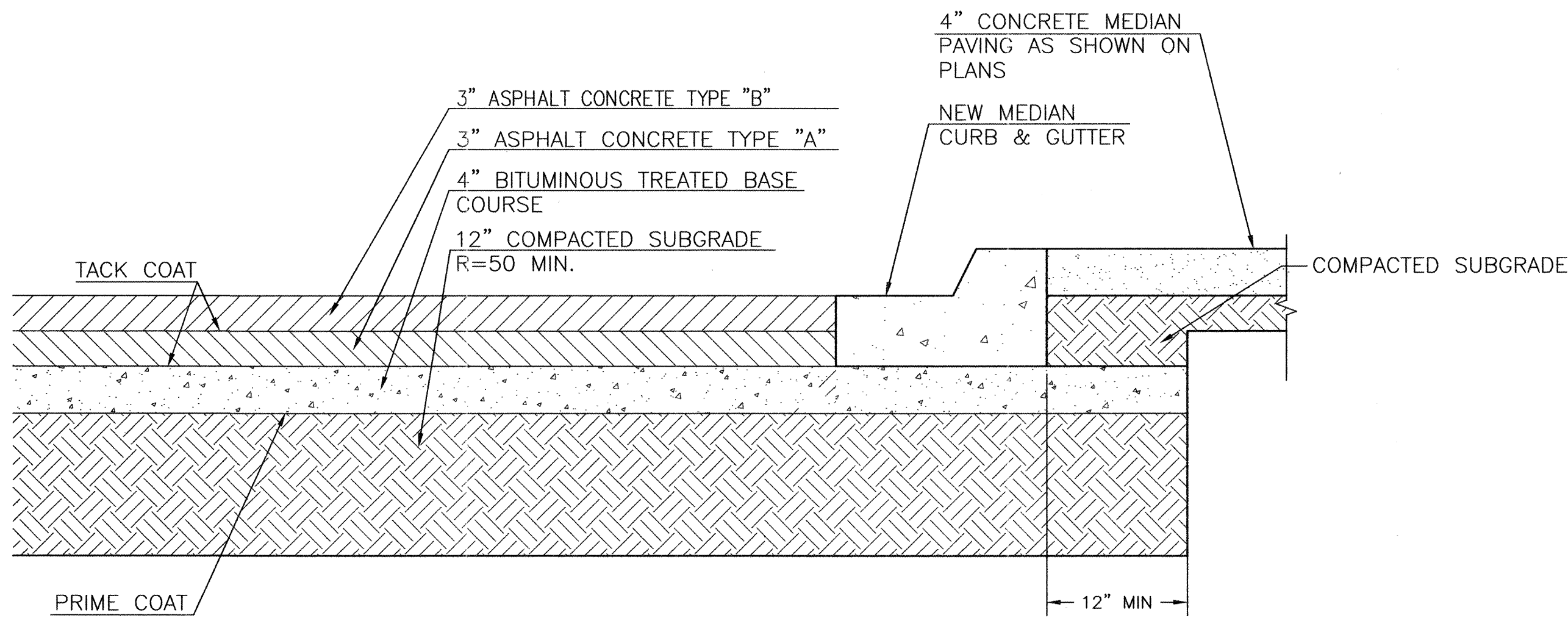
DESIGN REVIEW COMMITTEE OUTREACH last

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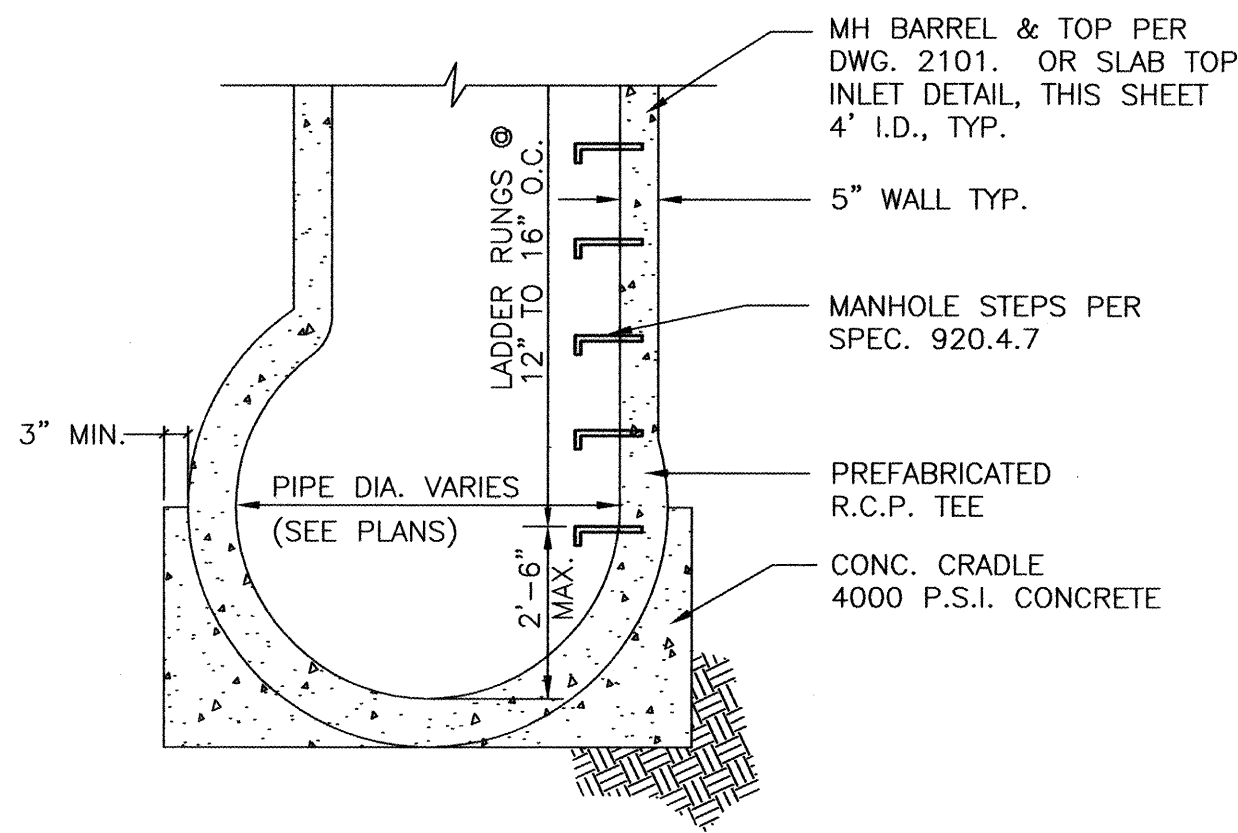
City Project No. 576892 Zone Map No. Sheet 2 of 3

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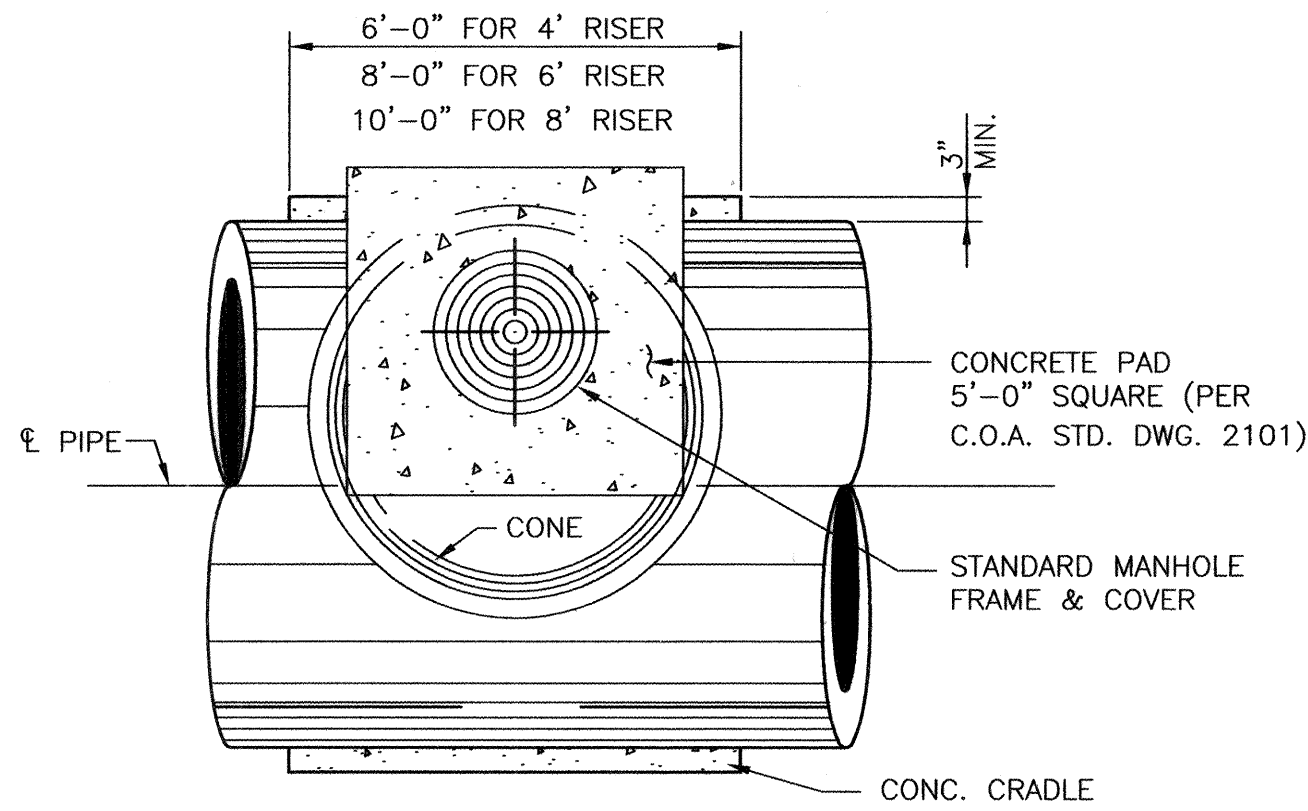




**PAVEMENT SECTION**  
N.T.S.



**TYPE A MANHOLE SECTION**  
NOT TO SCALE



**TYPE A MANHOLE PLAN**  
NOT TO SCALE

- 12-INCH WATERLINE REPLACEMENT NOTES (C.O.)
1. NEW WATERLINE SHALL HAVE 3-FOOT MINIMUM COVER
  2. RECONNECT 1 - 1/4 INCH WATER SERVICES TO THE SOUTH (5 EACH)
  3. REPLACE SERVICE LINE ON NORTH SIDE AND CONNECT TO EXISTING METER BOXES - 50 LF OF SERVICE LINE (3 EACH). MATCH EXISTING SIZE AS FOLLOWS:  
8521 1/2 IN LINE  
8525 1/2 IN LINE  
8531 1 - 1/4 INCH LINE
  4. ON THE EAST END OF THE NEW WATERLINE, EXTEND NEW 12 INCH PIPE TO THE EAST AT A MINIMAL SLOPE TO CONNECT TO THE EXISTING LINE. DO NOT ALLOW A HIGH POINT IN THE NEW LINE.
  5. RESTRAINED JOINTS SHALL BE USED WHEREVER POSSIBLE. 45° RESTRAINT LENGTH IS 25-FEET EACH SIDE. AT STA 13+41, CONTRACTOR SHALL HAVE THE OPTION OF USING BLOCKING, PER COA STD. DWG. 2320, IN LIEU OF RESTRAINED JOINTS.
  6. ALL 6-INCH PIPE IN LUTHY STREET WILL BE RESTRAINED. JOINTS SHALL BE RESTRAINED 25-FEET ON EACH SIDE OF 45° BENDS AT STATIONS 18+89.6 AND 19+01.
  7. EXISTING 12-INCH PIPE SHALL BE ABANDONED IN PLACE AND FILLED WITH GROUT OR REMOVED AND DISPOSED.
  8. REPLACE 4 METER BOXES ON SOUTH SIDE (BOX AT MACS OK). RESET YOKES AS REQUIRED.

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: WYOMING STORM DRAIN & LANE WIDENING - WYOMING BLVD TO LUTHY STREET <b>MISCELLANEOUS DRAINAGE DETAILS</b>			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Last Design Update			
City Project No. 576892		Zone Map No.	Sheet 3 Of 3