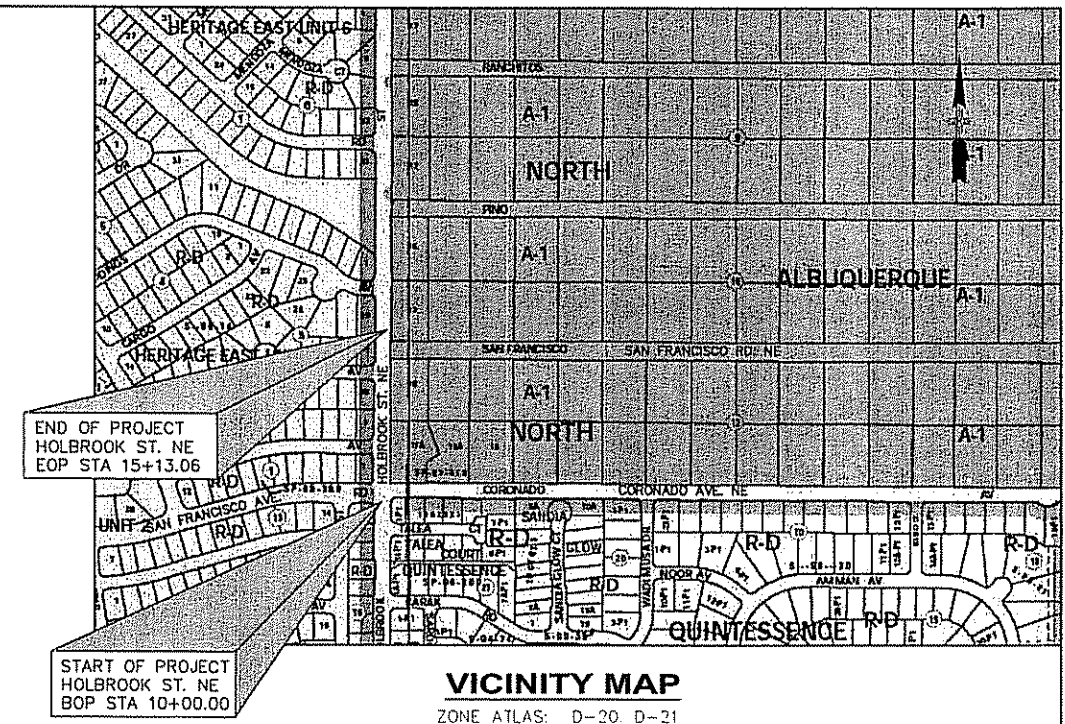


CONSTRUCTION PLANS
FOR
HOLBROOK ST. NE

INDEX OF SHEETS

- 1-1 COVER SHEET
1-2 GENERAL NOTES. UTILITY OWNERS. LEGEND
2-1 EXISTING & PROPOSED TYPICAL SECTIONS
3-1 GEOMETRIC & HORIZONTAL CONTROL
3-2 HOLBROOK ST NE PLAN & PROFILE SHEET
3-3 GRADING PLAN
4-1 CROSS SECTIONS

**WILSON
& COMPANY**

4800 LANG AVE. NE
SUITE 100
BUCARQUE, NEW MEXICO 87109

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE			
		DRC Chairman			APPROVED FOR CONSTRUCTION		
		Transportation					
		Water / Wastewater					
		Hydrology					
		C.I.P.					
		Const. Coord.			City Engineer Date		
City Project No					SHEET NO		
COA 7704.91					1-1		

ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION AS AMENDED THROUGH UPDATE NO. 7 AND AMENDMENT TO SECTION 101 DATED 08/19/2005

2. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES AT LEAST 24 HOURS IN ADVANCE WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.

3. SEVEN (7) 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 (924-3400) PRIOR TO OCCUPYING AN INTERSECTION.

4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM (505) 260-1990 FOR LOCATION OF EXISTING UTILITIES.

5. OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

6. DELETED

7. THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS 18 FEET FROM THE EDGE OF THE DRIVING LANE. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THIS ZONE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS, WHICH MUST BE APPROVED BY THE PROJECT MANAGER PRIOR TO IMPLEMENTING THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

8. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED. CALL 857-8680 REFER TO SECTION 18.4.4 OF THE SPECIFICATIONS.

9. 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 THE CONTRACTOR'S 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.

10. THE CONTRACTOR WILL BE REQUIRED TO CONFINED THEIR WORK WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT OF WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.

11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BUILDING STRUCTURES ADJACENT TO THE PROJECT NOT BE DAMAGED DUE TO ANY CONSTRUCTION ACTIVITIES. DAMAGE CAUSED TO ANY BUILDING STRUCTURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR INCLUDING ALL COSTS INCURRED IN RESTORING/REPAIRING SAID DAMAGE.

12. THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVISED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

13. THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON MAXIMUM NON-VIBRATORY ROLLER TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.

14. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.

15. ALL RADI OF CURB RETURNS ARE SHOWN TO THE FACE OF CURB AND, UNLESS OTHERWISE NOTED, ALL OFFSETS AND DIMENSIONS ARE TO THE FACE OF CURB. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.

16. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLAN AND PROFILE SHEETS ARE APPROXIMATE.

17. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEARLY VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.

18. THE CONTRACTOR SHALL 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 THE STANDARD CITY DETAILS.

19. WHEN APPEARING IN ANY PORTION OF THIS CONTRACT, THE WORDS "PLANT MIX BITUMINOUS PAVEMENT" (PMBP) WILL HAVE THE SAME MEANING AS AND MAY BE USED INTERCHANGEABLY WITH THE WORDS "ASPHALT CONCRETE".

20. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS. THE WORK SHALL BE AS DIRECTED BY THE PROJECT MANAGER.

21. THE SUBGRADE PREP SHALL EXTEND ONE (1) FOOT BEYOND THE FREE EDGE OF NEW ASPHALT CURB.

22. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REMOVE AND REPLACE AS PER COA STANDARDS AT THEIR OWN EXPENSE.

23. MILLED BITUMINOUS CONCRETE PAVEMENT WILL BE STOCKPILED FOR THE CITY AT THE BALLOON FIESTA FIELD PARK. CONTACT STREET MAINTENANCE FOR FURTHER DETAILS. ANY HAUL COSTS ASSOCIATED WITH THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.

24. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE TO NEAREST JOINT.

25. ALL CONSTRUCTION DEBRIS, SPOIL AND NON-SALVAGEABLE ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND PROPER DISPOSAL OF THESE ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY HAUL COSTS ASSOCIATED WITH THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT.

26. LUMINAIRE, SIGNAL ITEMS, AND SIGNING FROM THIS PROJECT ARE TO BE HAULED AND STOCKPILED AT THE CITY OF ALBUQUERQUE PING YARDS OR AS DIRECTED BY THE PROJECT MANAGER. HAUL OF SUCH MATERIAL SHALL BE PERFORMED DURING NORMAL WORKING HOURS AS DIRECTED BY THE PROJECT MANAGER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR EACH SALVAGE ITEM.

27. ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AS APPLICABLE.

28. THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. ALL STRUCTURES (NEW AND EXISTING) SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE PROJECT. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR CLEANING OF STRUCTURES.

29. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

30. NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.

31. ANY EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.

32. ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, COA SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED AND TO PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING AND EXPOSING OF EXISTING UTILITIES (POTHOLING) TO CONFIRM SIZE, LOCATION, ETC. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT.

33. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD THE CONTRACTOR BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY REPAIR COSTS.

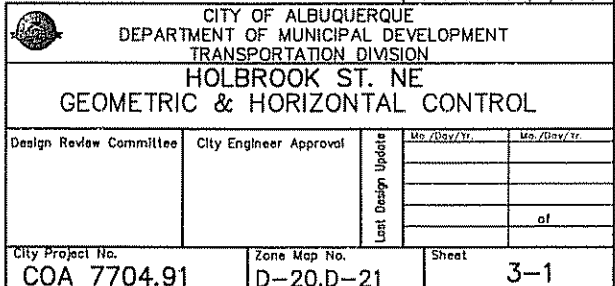
34. THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN(7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.

35. THE CONTRACTOR SHALL ADJUST TO GRADE ALL WATER VALVE BOXES, SANITARY SEWER MANHOLES AND STORM DRAIN MANHOLES WHICH MAY BE AFFECTED BY THIS CONTRACT.

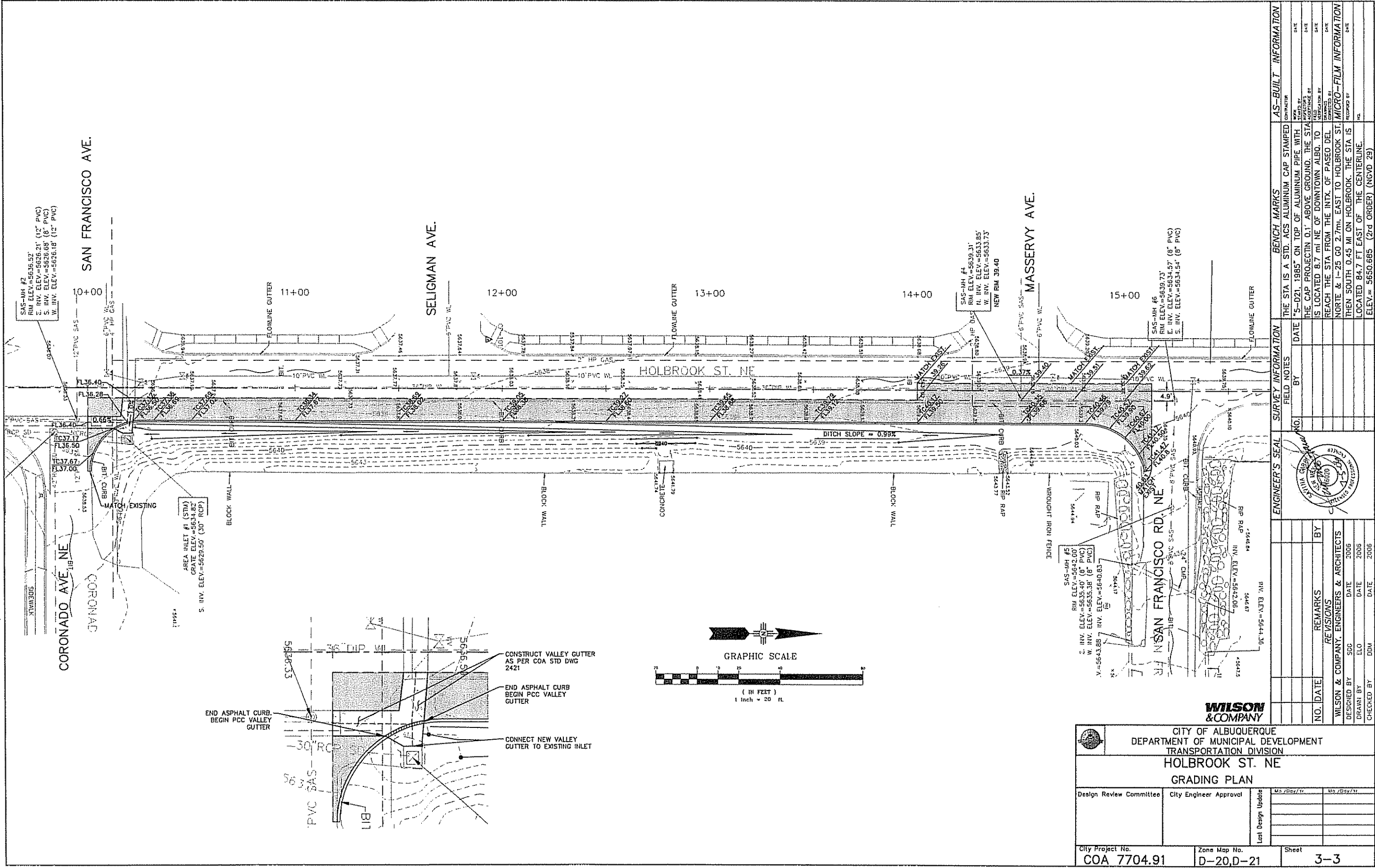
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SYMBOL LEGEND			
	SEWER MANHOLE		UNDERGROUND ELECTRIC
	STORM MANHOLE		CHAIN LINK FENCE
	WATER MANHOLE		BITUMINOUS
	WATER VALVE		SPOT ELEVATION
	WATER METER		CONTROL POINT
	LIGHT POLE		TRAFFIC SIGN
	AREA INLET		TELEPHONE PEDESTAL

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
HOLBROOK ST. NE GENERAL NOTES, SYMBOL LEGEND AND UTILITY CONTACT LIST			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	
COA 7704.91	D-20.D-21		1-2

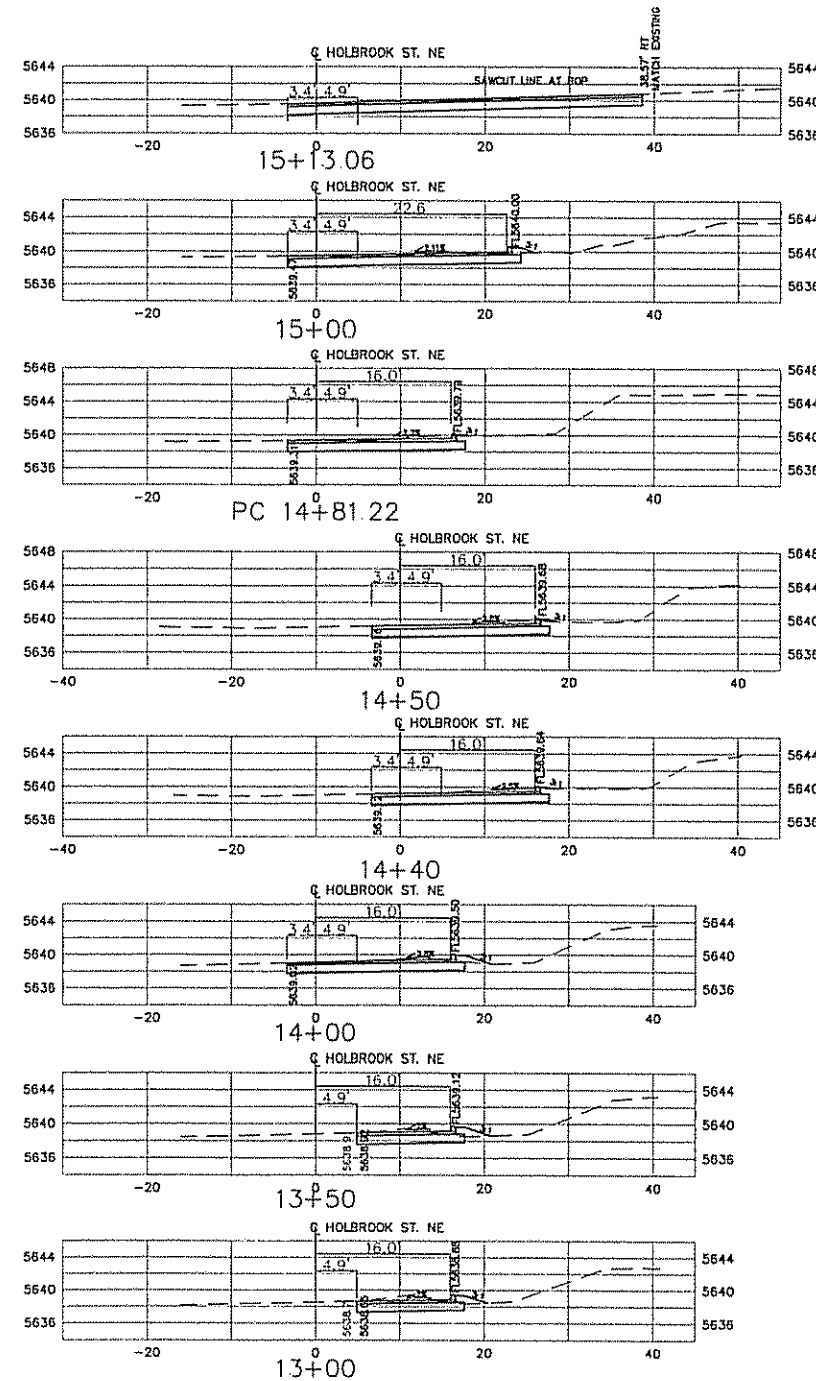


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BENCH MARKS		AS-BUILT INFORMATION	
THE STA IS A STD. ACS ALUMINUM CAP STAMPED		CONTRACTOR	
DATE "S-D21, 1985" ON TOP OF ALUMINUM PIPE WITH		DATE	
THE CAP PROJECTIN 0.1' ABOVE GROUND. THE STA		DATE	
IS LOCATED 8.7 MI NE OF DOWNTOWN ALBU. TO		DATE	
REACH THE STA FROM THE INTX. OF PASEO DEL		DATE	
NORTE & I-25 GO 2.7MI. EAST TO HOLBROOK ST. MICRO-FILM INFORMATION		DATE	
THEN SOUTH 0.45 MI ON HOLBROOK. THE STA IS		DATE	
LOCATED 84.7 FT EAST OF THE CENTERLINE.		DATE	
ELEV.= 5650.685 (2nd ORDER) (NGVD 29)		DATE	

CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT TRANSPORTATION DIVISION	
HOLBROOK ST. NE GRADING PLAN	
Design Review Committee	City Engineer Approval
City Project No. COA 7704.91	Zone Map No. D-20,D-21
Sheet 3-3	



VOLUME TABLE						
STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	Square Feet		Cubic Yards		Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
9+50	0.00	0.00				
10+00	17.41	1.25	15.12	1.16	15.12	1.16
10+31	17.50	4.84	20.04	3.50	35.16	4.65
10+50	15.12	5.10	11.48	3.50	47.64	8.15
11+00	15.34	5.40	28.20	9.72	75.84	17.87
11+50	17.11	3.66	30.05	8.39	105.89	26.27
12+00	12.66	5.65	27.57	8.63	133.46	34.89
12+50	15.88	3.58	26.43	8.55	159.89	43.44
12+87	15.88	3.58	21.77	4.90	181.66	48.34
13+00	14.78	4.44	7.38	1.93	189.04	50.27
13+50	12.93	5.15	25.66	8.88	214.70	59.14
14+00	14.30	4.68	25.21	9.10	239.92	68.24
14+40	14.30	4.68	21.18	6.93	261.10	75.17
14+50	16.95	1.66	5.79	1.17	266.88	76.35
14+81	16.95	1.66	19.48	1.91	286.35	78.26
15+00	19.18	0.51	12.71	0.77	299.06	79.02
15+13.06	19.18	0.51	9.28	0.25	308.34	79.27
15+21.23	0.00	0.00	2.90	0.08	311.24	79.35
			0.00	0.00	311.24	79.35

SHEET NO. _____ OF _____ DATE _____		DATE _____	
PROJECT NAME: _____ LOCATION: _____		PROJECT NO.: _____ DRAWN BY: _____	
CHECKED BY: _____ DATE: _____		DESIGNED BY: _____ DATE: _____	
WILSON & COMPANY, ENGINEERS & ARCHITECTS 10000 WILSON BLVD., SUITE 100 DALLAS, TEXAS 75243		REMARKS BY _____ DATE _____	
ENGINEER'S SEAL FOR INFO		SURVEY INFORMATION FIELD NOTES NO. _____ BY _____ DATE _____	
BENCH MARKS THE STA IS A STD. ACS ALUMINUM CAP STAMPED "5-021, 1985" ON TOP OF ALUMINUM PIPE WITH THE CAP PROTECTIN 0.1' ABOVE GROUND. THE STA IS LOCATED 8.7 MI NE OF DOWNTOWN ALBU. TO REACH THE STA FROM THE INTX. OF PASEO DEL NORTE & 1-25 GO 2.7mi. EAST TO HOLBROOK ST. THEN SOUTH 0.45 MI ON HOLBROOK. THE STA IS LOCATED 84.7 FT EAST OF THE CENTERLINE. ELEV. = 5650.685 (2nd ORDER) (NGVD 29)		AS-BUILT INFORMATION CONTRACTOR _____ WORK BY _____ SURVEYED BY _____ CHECKED BY _____ DATE _____	