



SEWER LINE IMPROVEMENTS

ALBUQUERQUE, NEW MEXICO

MAY 2010

<u>SHEET</u>	<u>TITLE</u>
1.	COVER SHEET
2.	SUBDIVISION PLAT
3.	UTILITY SITE PLAN
4.	UTILITY PLAN AND PROFILE

I, Steven K. Morrow, of the firm Brasher and Lorenz, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Lenore Armijo NMPS# 15511.

1-3-11
Date



"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



DATE: 01/20/2011

Copyright © 2006 John Wiley & Sons, Ltd.

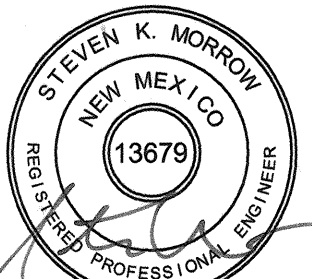


2201 San Pedro Blvd. NE Bldg. 1, Suite 1300
Albuquerque, New Mexico 87110
Phone: (505) 888-6088 Fax: (505) 888-6188



CALE: NTS

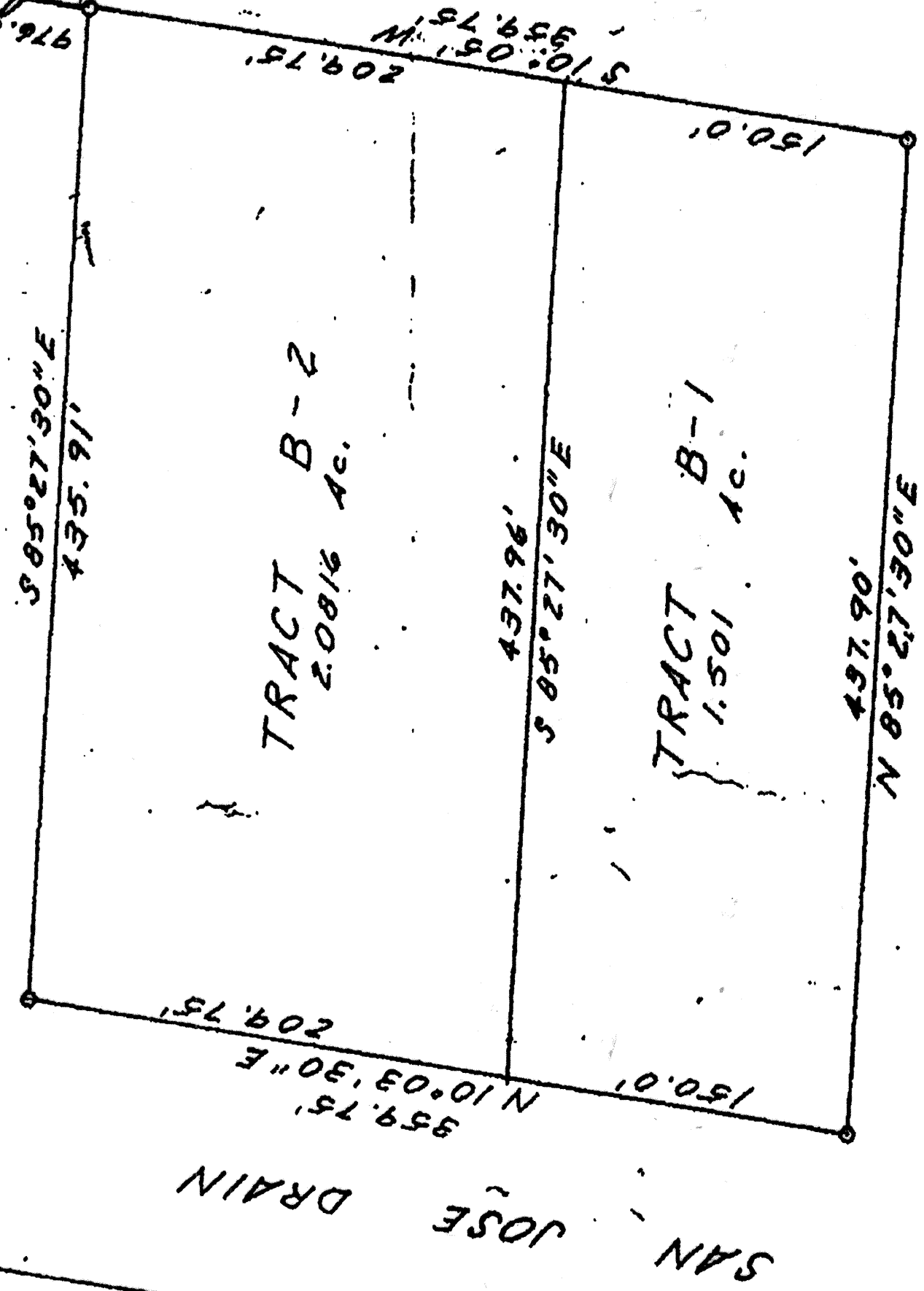
1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION AS AMENDED THROUGH UPDATE 7 AND INCLUDING AMENDMENT 1, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS." ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
2. THREE WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL 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 MARKER 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. 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 OCCUPANCY AN INTERSECTION. REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS.
7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION.
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
9. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED BY THE CONTRACTOR WITH HOT THERMOPLASTIC REFLECTORIZED PAVEMENT MARKING. ALL NEW STRIPING SHALL BE HOT THERMOPLASTIC REFLECTORIZED PAVEMENT MARKING.
10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, DRIVEPADS, WHEELCHAIR RAMPS AND SIDEWALKS DURING CONSTRUCTION. APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER THE STANDARD SPECIFICATIONS AT HIS OWN EXPENSE.
11. EXISTING UTILITY LINES AND PIPELINES SHOWN ON THESE DRAWINGS ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. UTILITIES MAY EXIST WHERE NONE ARE SHOWN. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES AND PIPELINES. THE CONTRACTOR IS FULLY RESPONSIBLE FOR DAMAGE CAUSED BY FAILURE TO LOCATE AND PRESERVE EXISTING UTILITY LINES AND PIPELINES.
12. THE CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
13. THE CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE OWNERS FOR THE PREPARATION OF "RECORD DRAWINGS." THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
14. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY AND PREPARED BY BRASHER AND LORENZ. INC
15. THE CONTRACTOR SHALL DETERMINE IN ADVANCE OF HIS CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. THE CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15 FEET (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. THE ALBUQUERQUE BERNALLICO COUNTY WATER UTILITY AUTHORITY (ABCWUA) (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.
19. EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
20. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE STANDARD SPECIFICATIONS.
21. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE			
ENGINEER'S STAMP & SIGNATURE								APPROVED FOR CONSTRUCTION		
 G.E.O.-10			APPROVALS	ENGINEER	DATE	 Rick D. Decker City Engineer Date				
			DRC Chair		8/11/10					
			Transportation		8/24/10					
			Water/Wastewater		8-24-10					
			Hydrology		8-24-10					
City Project No.			Zone Map No.			Sheet	of			
667281			M-14-Z			1	4			

B11-132

First American Title
7634651 24650

REPLAT OF TRACTS OF THE INTEREST OF TRACTS A.B.C. AD.
SOUTH BROADWAY INDUSTRIAL ACRES, BERNALILLO COUNTY, NEW MEXICO.
(Being a Replat of Tract 64-B-1-c, as shown on Map 44 of the
M.R.G.C.D.)



NOTE: The bearings and distances shown hereon are taken from the Revised Plat of Tracts A.B.C. AD., South Broadway Industrial Acres, filed in the office of the County Clerk of Bernalillo County, New Mexico, on February 17, 1959, Surveyor Dr. T. Morrison. No field work has been done.

INFORMATION

Outstanding pro rata charges for water and sewer installations are not determined yet as of June 24, 1976.

The previous 10 years property taxes, to and including 1975, are paid.

FREE CONSENT, DEDICATION

The subdivision of the land hereon described is with free consent and in accordance with the desires of the undersigned owners and proprietors thereof, and said owners and proprietors do hereby dedicate the public rights of way shown hereon, together with all easements shown on this plat. Power and communication easements are reserved where shown by dashed lines, being 14 feet in width centered on the rear lot lines and 10 feet in width centered on the side lot lines, except as noted, including the right of ingress and egress and the right to trim interfering trees. Any drainage easements shown hereon are also easements for underground sewer and water lines.

Vernon W. Schultz
Vernon W. Schultz

Elmina J. Schultz
Elmina J. Schultz

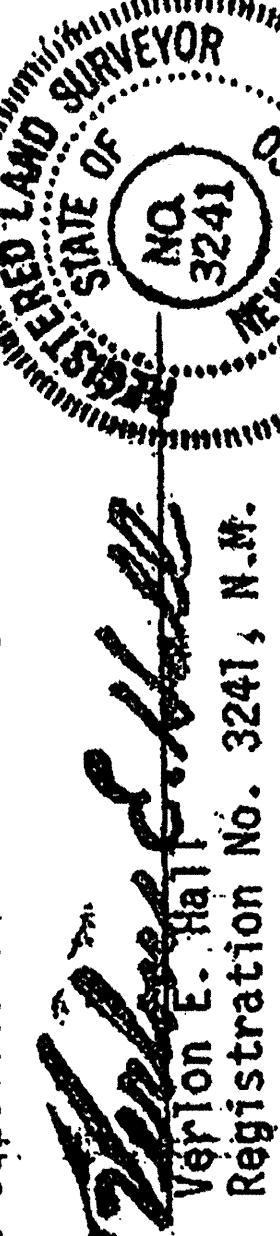
STATE OF NEW MEXICO) ss.
COUNTY OF BERNALILLO)

On this 16 day of June, 1976, the foregoing instrument was acknowledged before me.

My commission expires March 16, 1980

Lynda E. Dora
Notary Public

I, Verlon E. Hall, licensed under the laws of the State of New Mexico, do hereby certify that I am a Registered Land Surveyor and that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.



APPROVED AND ACCEPTED BY:

Ans. Cunningham by King
Planning Director, City of Albuquerque, N.M.

6-30-76 Date

SP-76-265 aty M-14 Number

NOTE: Approval and filing with the County Clerk of Bernalillo County of this plat does not vacate or in anyway affect public or private easements.

BY: Hubert J. Dora 6/25/76
PROPERTY MANAGEMENT DIVISION

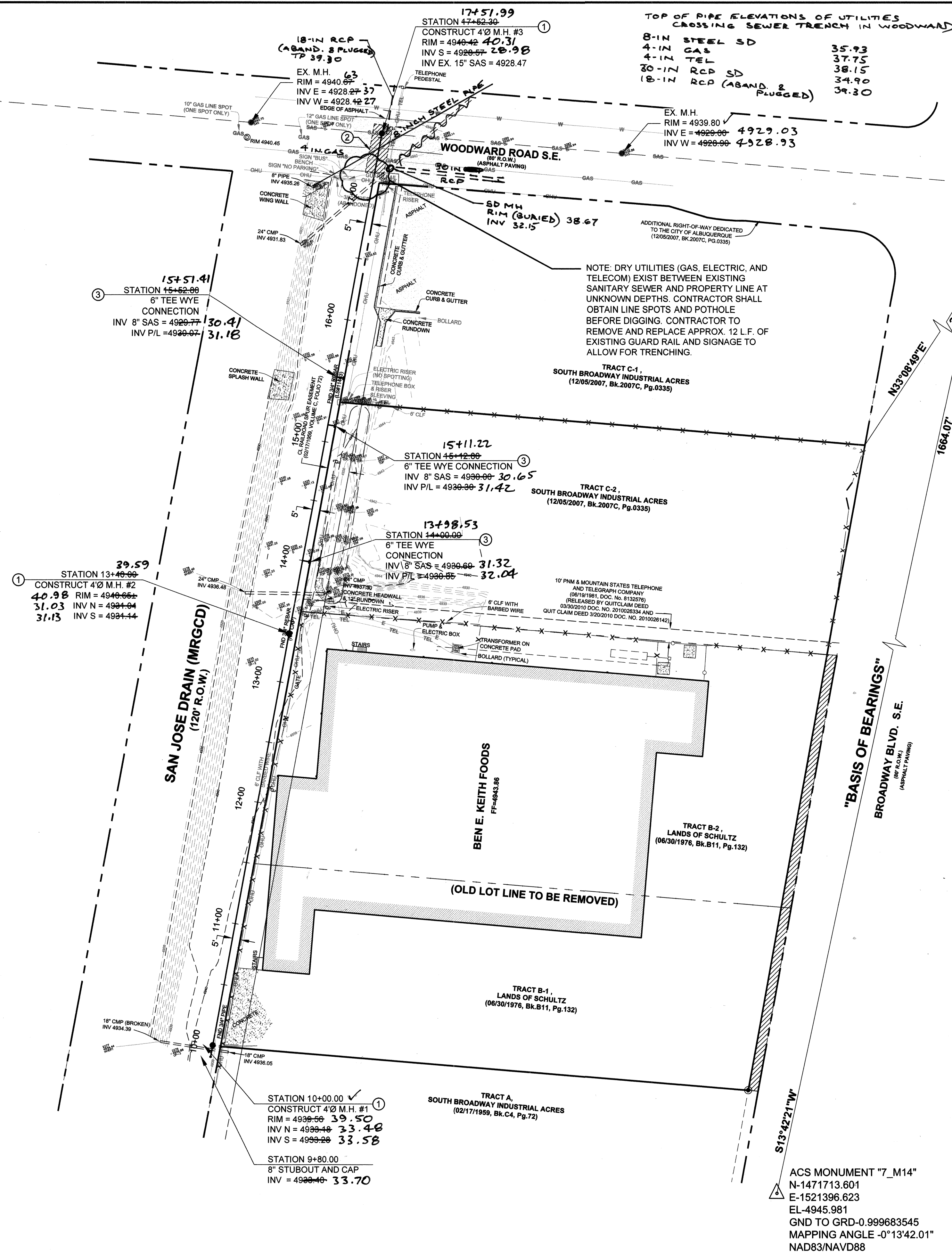
Prepared by:

HALL SURVEYING CO.
511 San Mateo, N.E.

B11-1

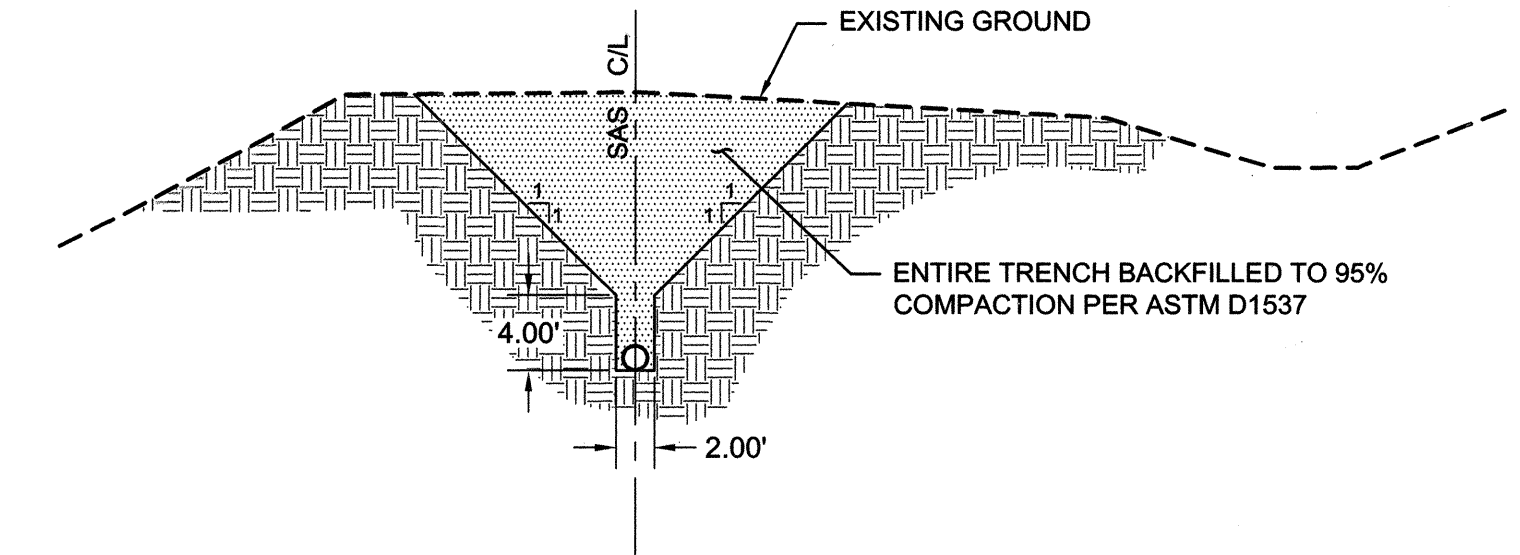
-132

SCANNED BY
PLANNING

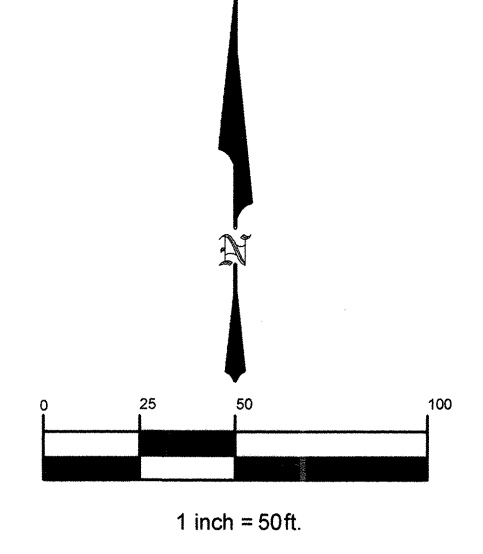


LEGEND		
ITEM	EXISTING	PROPOSED
OVERHEAD ELEC.	---	OHE---
UNDERGROUND ELEC.	---	UGT---
GAS, TEL, TV, FO	---	FO---
RIGHT OF WAY	---	---
EASEMENT LINE	---	---
PROPERTY LINE	---	---
CENTERLINE	---	---
CHAIN LINK FENCE	---	---
RETAINING WALL	---	---
SPOT ELEV.	×	87.26
CONTOUR	---	66
ASPHALT REMOVE AND REPLACE		

- KEYED NOTES
- CONSTRUCT 4" DIAMETER TYPE "E" MANHOLE PER C.O.A. STD. DWG. 2102
 - REMOVE AND REPLACE ARTERIAL ASPHALT PAVING PER C.O.A. STD. DWG. 2465
 - CONSTRUCT 6" TEE WYE CONNECTION TO PROPERTY LINE
- GENERAL NOTES
- ENTIRE TRENCH BACKFILLED TO 95% COMPACTION PER ASTM D1537



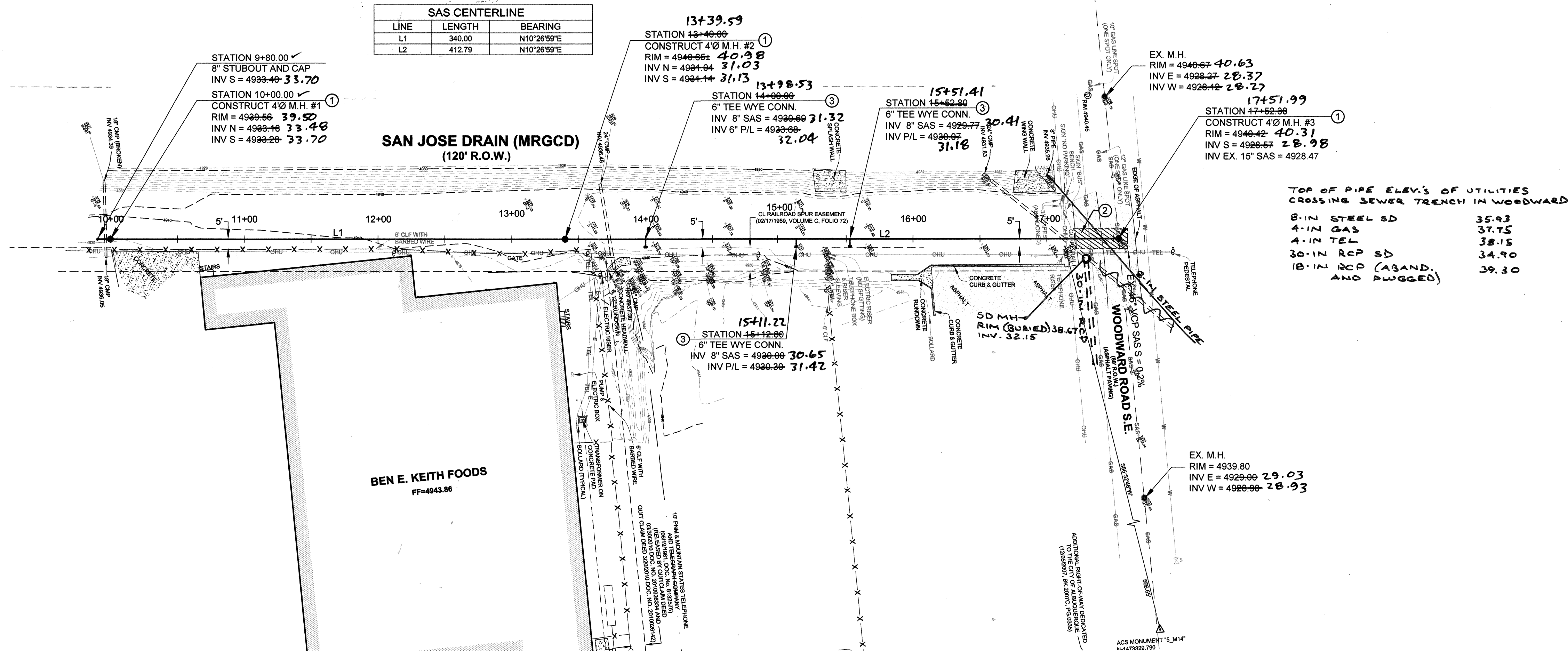
TRENCH COMPACTION SECTION
SCALE: N.T.S.



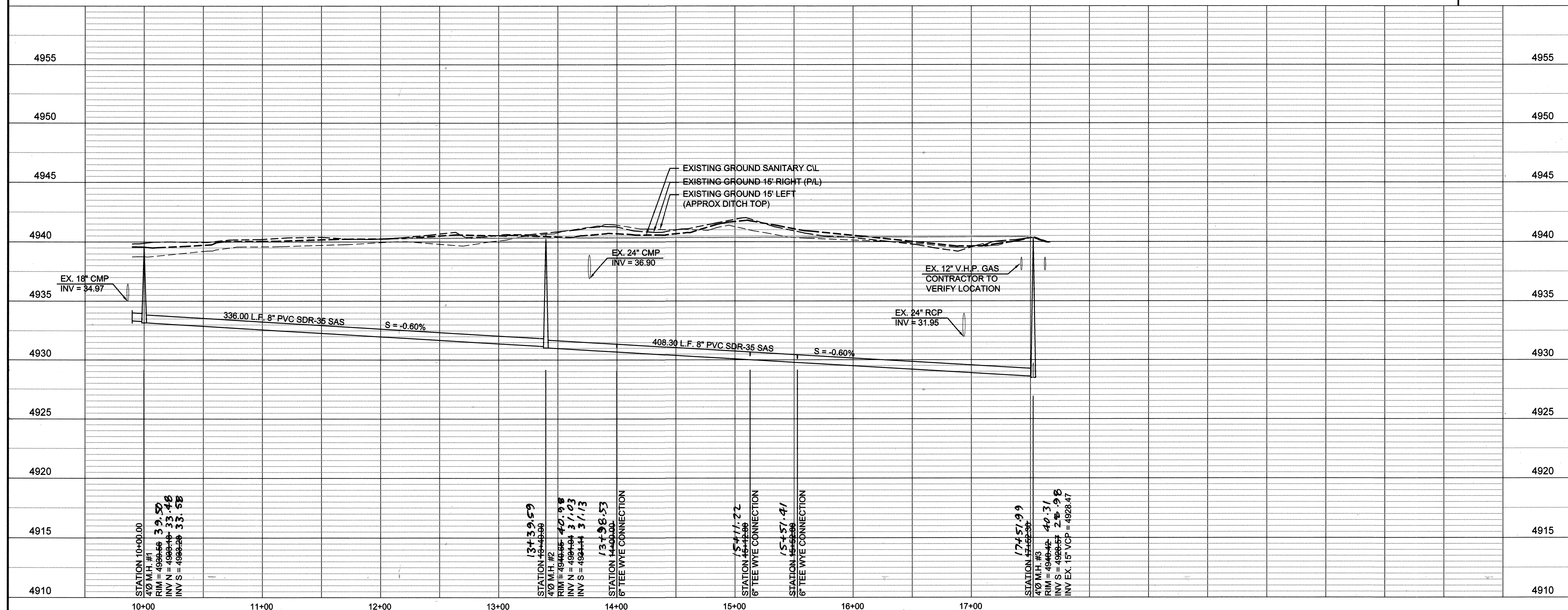
DATUM NAVD 1988	
BRASHER & LORENZ CONSULTING ENGINEERS 2201 San Pedro Blvd. NE Bldg. 1, Suite 1300 Albuquerque, New Mexico 87110 Phone: (505) 888-6088 Fax: (505) 888-6188	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
SAN JOSE DRAIN UTILITY SITE PLAN	
Design Review Committee APPROVED AUG 19 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED SEP 07 2010 CITY ENGINEER
City Project No. 667281	Zone Map No. M-14-Z
Sheet 3	of 4

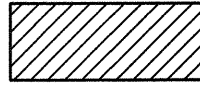
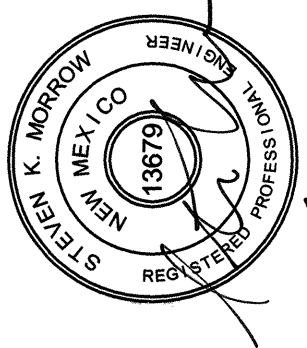
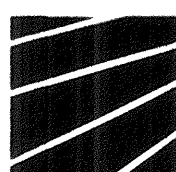
AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK	DATE
STATED BY	DATE
ACCEPTED BY	DATE
FIELD	DATE
DRAWINGS	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
DATE	DATE
BENCHMARKS	
ACS MONUMENT "5-M14"	DATE
ELEVATION 4940.240 FEET	DATE
1988 NAVD	DATE
GROUND TO GRID FACTOR: 0.999683708	DATE
MAPPING ANGLE: -0°13'39.43"	DATE
SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE
BY	DATE
ENGINEER'S SEAL	
6-30-10	

SCANNED BY
PLANNING



SANITARY SEWER STA. 9+80.0 TO 17+52.30



LEGEND			AS-BUILT INFORMATION	
ITEM	EXISTING	PROPOSED	CONTRACTOR	DATE
OVERHEAD ELEC.	--- OHE ---		WORKS BY	DATE
UNDERGROUND ELEC.	--- UGT ---		INSPECTORS	DATE
GAS, TEL, TV, FO	--- FO ---		ACCEPTANCE BY	DATE
RIGHT OF WAY	---	---	VERIFICATION BY	DATE
EASEMENT LINE	---	---	DRAWINGS	DATE
PROPERTY LINE	---	---	CORRECTED BY	DATE
CENTERLINE	---	---	MICRO-FILM INFORMATION	
CHAIN LINK FENCE	× × × × ×	× × × × ×		
RETAINING WALL				
SPOT ELEV.	× 16.7	87.26		
CONTOUR	--- 5166 ---	66		
ASPHALT REMOVE AND REPLACE 				
KEYED NOTES - CONSTRUCT 4' DIAMETER TYPE "E" MANHOLE PER C.O.A. STD. DWG. 2102 - REMOVE AND REPLACE ARTERIAL ASPHALT PAVING PER C.O.A. STD. DWG. 2465. REMOVE AND REPLACE GUARD RAIL AS NECESSARY. - CONSTRUCT 6" TEE WYE CONNECTION TO PROPERTY LINE.				
GENERAL NOTES ENTIRE TRENCH BACKFILLED TO 95% COMPACTION PER ASTM D1537				
BENCHMARKS ACS MONUMENT "5-M14" ELEVATION 4940.240 FEET 1988 NAVD GROUND TO GRID FACTOR: 0.999683708 MAPPING ANGLE: - 0°13'39.43" THE MONUMENT IS LOCATED 2.5 MILES SOUTH OF DOWNTOWN AT THE N.E. CORNER OF INTERSECTION WOODWARD ROAD SE AND BROADWAY BLVD.				
SURVEY INFORMATION FIELD NOTES DATE BY NO.				
ENGINEER'S SEAL  6-30-10				
DATUM NAVD 1988				
 BRASHER & LORENZ CONSULTING ENGINEERS 2201 San Pedro Blvd. NE Bldg. 1, Suite 1300 Albuquerque, New Mexico 87110 Phone: (505) 888-5088 Fax: (505) 888-6188				
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP				
SAN JOSE DRAIN SANITARY SEWER PLAN AND PROFILE				
Design Review Committee APPROVED AUG 19 2010 DESIGN REVIEW COMMITTEE		City Engineer Approval APPROVED SEP 07 2010 CITY ENGINEER		Last Design Update
City Project No.		Zone Map No.		Sheet
667281		M-14-Z		4 of 4