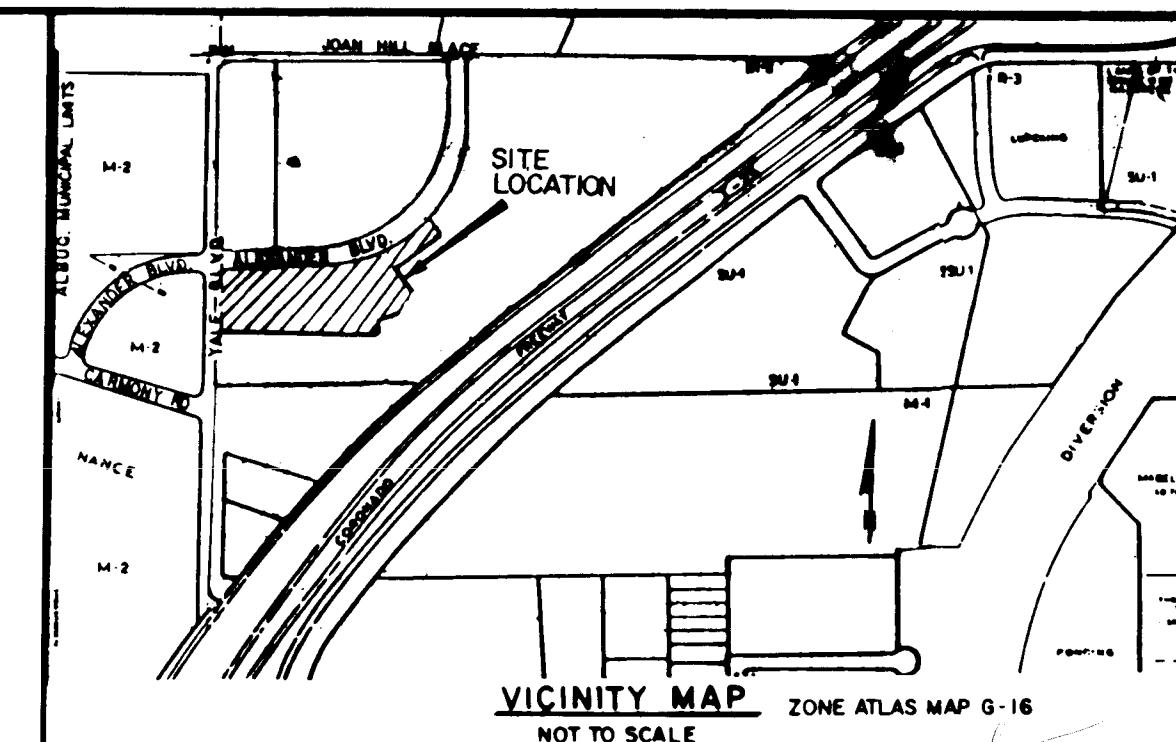


CONSTRUCTION PLANS FOR PHASE ONE WATER AND SANITARY SEWER LINE EXTENSIONS IN TRACT 3, MIDTOWN BUSINESS PARK ALBUQUERQUE, NEW MEXICO



GENERAL NOTES

NOTICE TO CONTRACTORS

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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

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
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SHEET
NO. DESCRIPTION

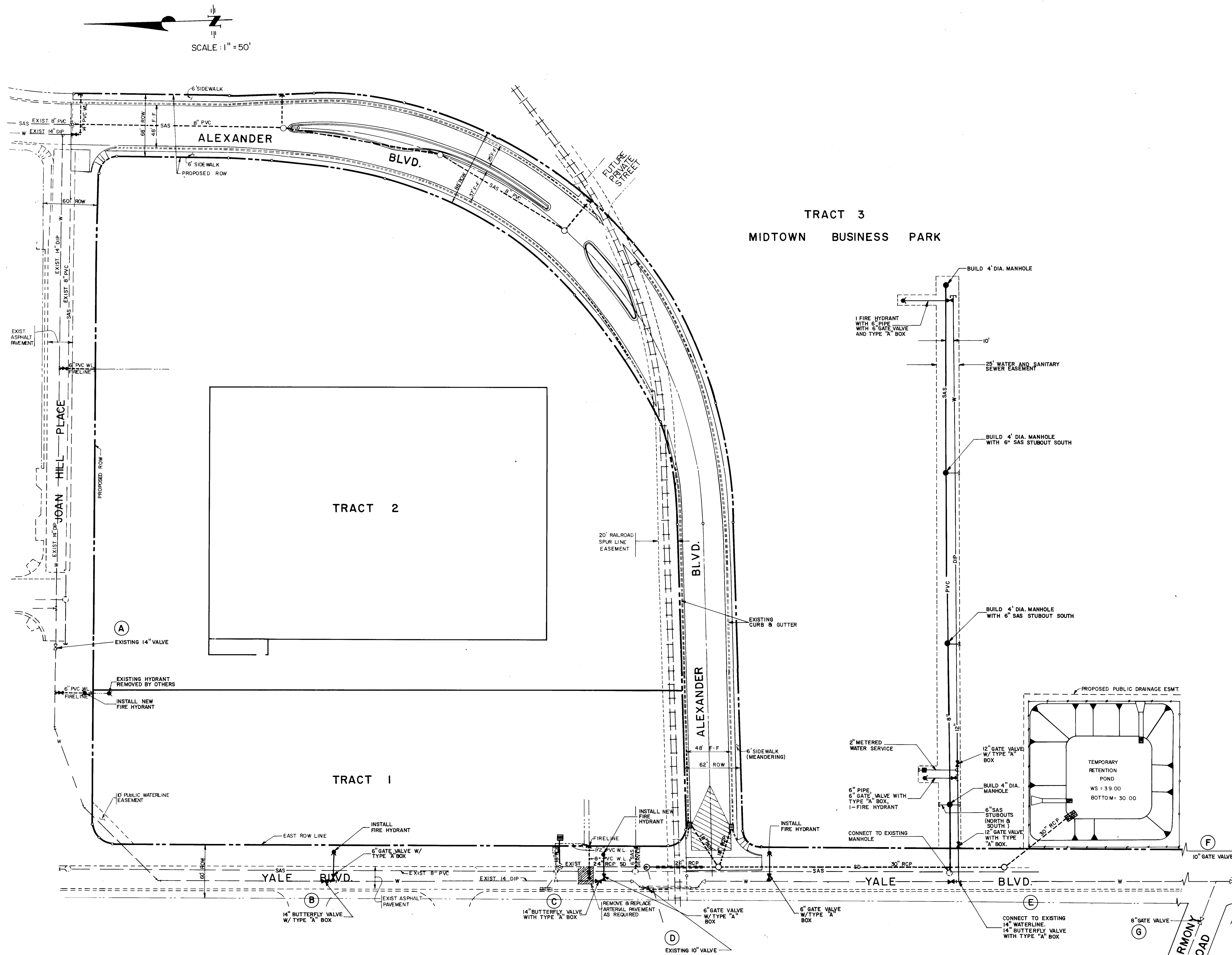
1. TITLE SHEET
2. OVERALL SHEET
3. WATER & SANITARY SEWER P & P
4. WATER & SANITARY SEWER P & P
5. YALE BLVD. & JOAN HILL PLACE P & P

APPROVED FOR CONSTRUCTION
Russell B. Smith
DATE 11-29-81

26 35150188

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT	DATE	USER	DEPT	DATE
APPROVAL OF REVISIONS									

		APPROVED FOR CONSTRUCTION <i>Bohannon-Huston Inc.</i> C.E.
	BOHANNON - HUSTON INC. ALBUQUERQUE - SANTA FE - EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	
PROJECT NUMBER 3515		SHEET 1 OF 5



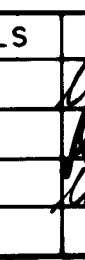
SCALE : 1" = 50'

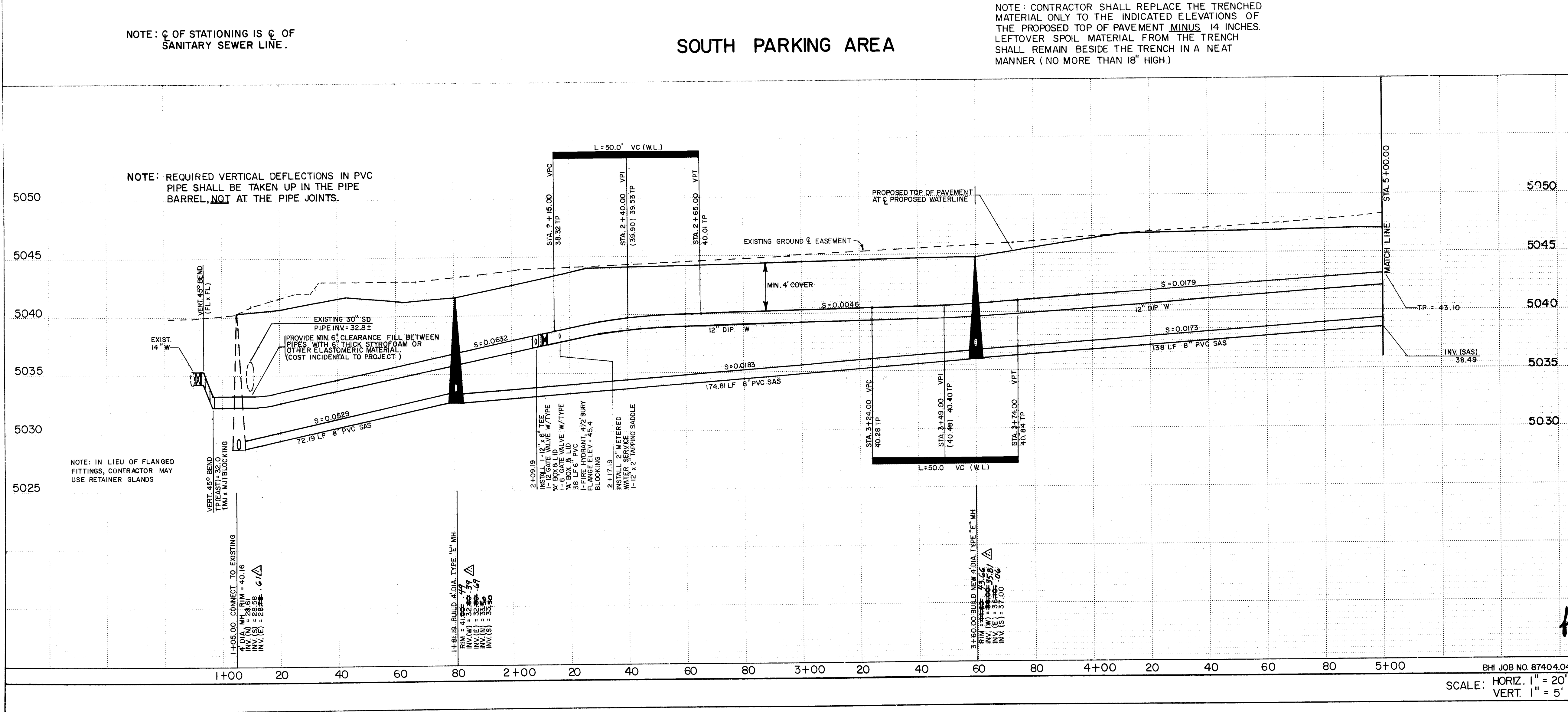
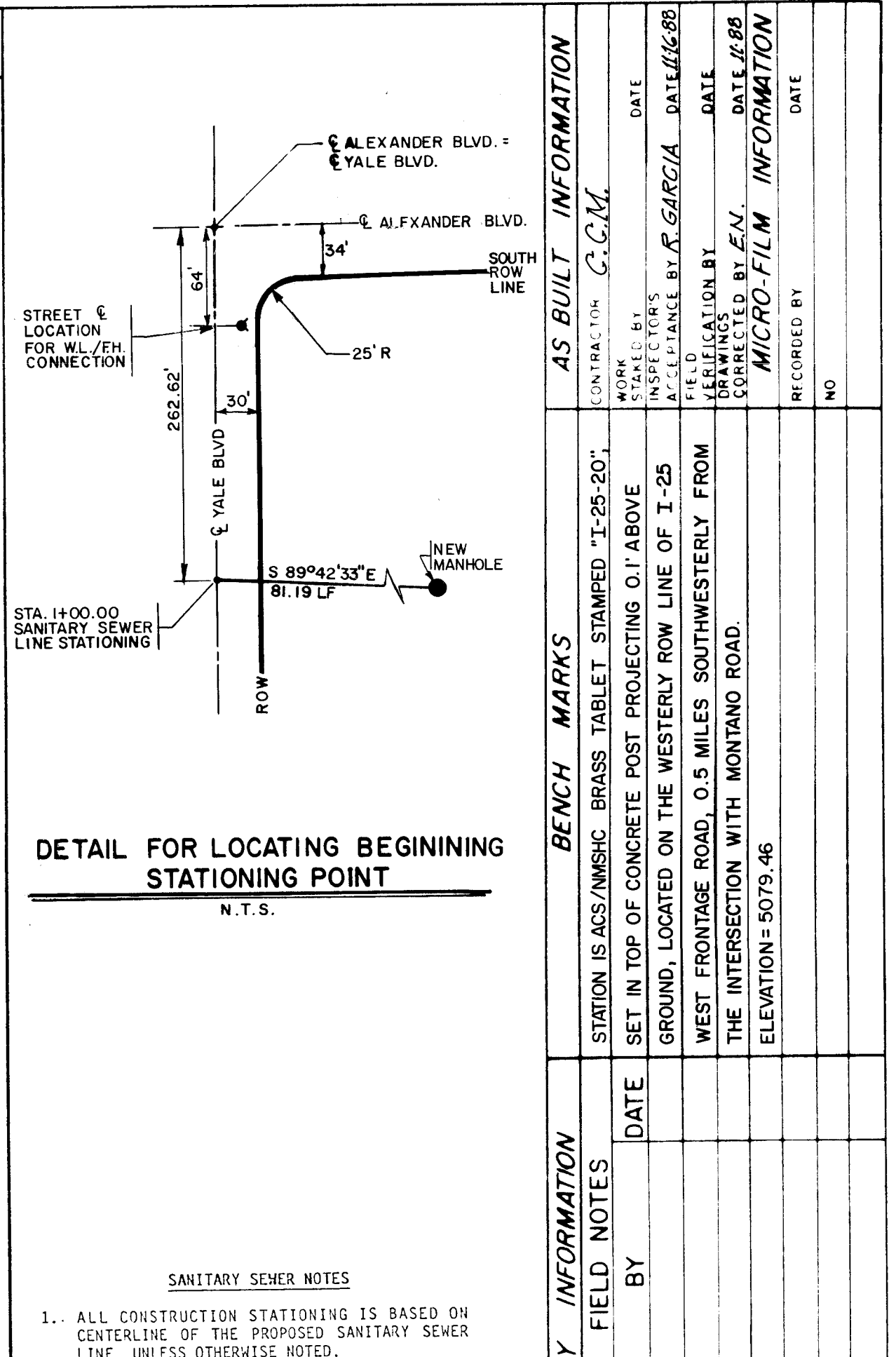
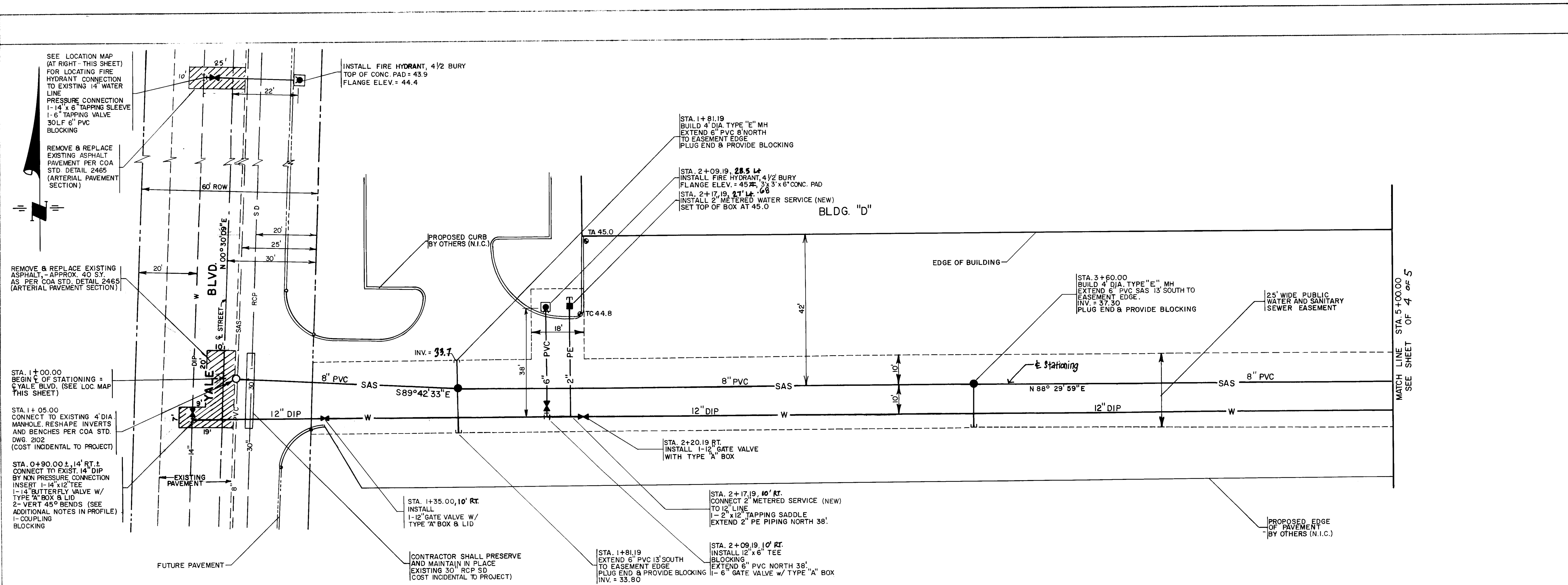
SHUTOFF PLAN FOR F.H. CONNECTIONS AND VALVE INSERTIONS	
FOR CONNECTIONS AND/OR INSERTIONS AT:	SHUT OFF THESE VALVES:
B	A, D
C	A, D
E	D, F, G,

BHI JOB NO. 87404.04

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:	MIDTOWN BUSINESS PARK WATER & SEWER OVERALL PLAN
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ENGINEER'S SEAL 		SURVEY INFORMATION FIELD NOTES NO. BY DATE		BENCH MARKS STATION IS ACS/INM/ICS BRASS TABLE STAMPED "I-25-20" SET IN TOP OF CONCRETE POST PROJECTING 0.1 ABOVE GROUND. STATION IS LOCATED ON THE WESTERLY ROW LINE OF I-25 WEST FRONTAGE ROAD, 0.5 MILES SOUTH- WESTERLY FROM THE INTERSECTION WITH MONTANO ROAD. ELEV. 5079.46		AS-BUILT INFORMATION CONTRACTOR WORKED BY INSPECTOR'S ACCEPTANCE BY DATE VERIFICATION BY DATE DRAWINGS CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE NO.	
REMARKS REVISIONS DESIGN DESIGNED BY JT DATE DRAWN BY THL DATE		NO. DATE BY					
APPROVALS Waste		ENGINEER 		DATE 5/4/88 05/11/88 5/4/88		SHEET 2 OF 5	



Sanitary Sewer Notes

- ALL CONSTRUCTION STATIONING IS BASED ON CENTERLINE OF THE PROPOSED SANITARY SEWER LINE, UNLESS OTHERWISE NOTED.
- ELECTRONIC MARKER DISKS (EMD'S) SHALL BE PLACED PER SECTION 131 OF THE PROJECT TECHNICAL SPECIFICATIONS.
- SERVICE LINES SHALL BE 6" DIA. PVC PIPE.
- MAIN LINE PIPE LENGTHS ARE MEASURED FROM INSIDE WALL OF MANHOLE TO INSIDE WALL OF MANHOLE.
- MANHOLES SHALL BE 4' DIA., TYPE "E" AND INSTALLED PER CITY STD. DWS. 2102 AND 2110.
- SERVICE LINES SHALL BE INSTALLED PERPENDICULAR TO THE MAIN UNLESS OTHERWISE NOTED.
- WHEN LESS THAN 18 INCHES OF VERTICAL CLEARANCE EXISTS BETWEEN WATER AND SANITARY SEWER LINES AT CROSSINGS, THE SANITARY SEWER LINE SHALL BE CONCRETE-INCASED FOR 10' ON BOTH SIDES OF THE SEWER PER CITY STD. DWS. 2140.
- SEWER LINE PIPE SHALL BE POLYVINYL CHLORIDE TYPE PSN PIPE MEETING ASTM D 3034 REQUIREMENTS.

Water Notes

- FIRE HYDRANTS SHALL BE BURIED 4.5' UNLESS OTHERWISE NOTED, AND INSTALLED PER CITY STD. DWS. 2340.
- GATE VALVES SHALL BE RESILIENT SEAT VALVES.
- STATIONING IS BASED ON CENTERLINE OF THE PROPOSED SANITARY SEWER LINE, UNLESS OTHERWISE NOTED ON THE PLANS.
- SITE SHALL BE GRADED TO ± 0.5' PRIOR TO INSTALLATION OF UTILITIES.
- CLASS 150, AWWA C 900 POLYVINYL CHLORIDE PIPE SHALL BE INSTALLED. JOINTS WILL BE PUSH-ON TYPE.
- ELECTRONIC MARKER DISKS (EMD'S) SHALL BE INSTALLED PER SECTION 131 OF THE PROJECT TECHNICAL SPECIFICATIONS.

REVISIONS

NO.	DATE	REMARKS
1	11-22-88	Revised from as built information

DESIGNED BY JT
DRAWN BY LAD
CHECKED BY JT

DATE JAN 1988
DATE JAN 1988
DATE JAN 1988

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

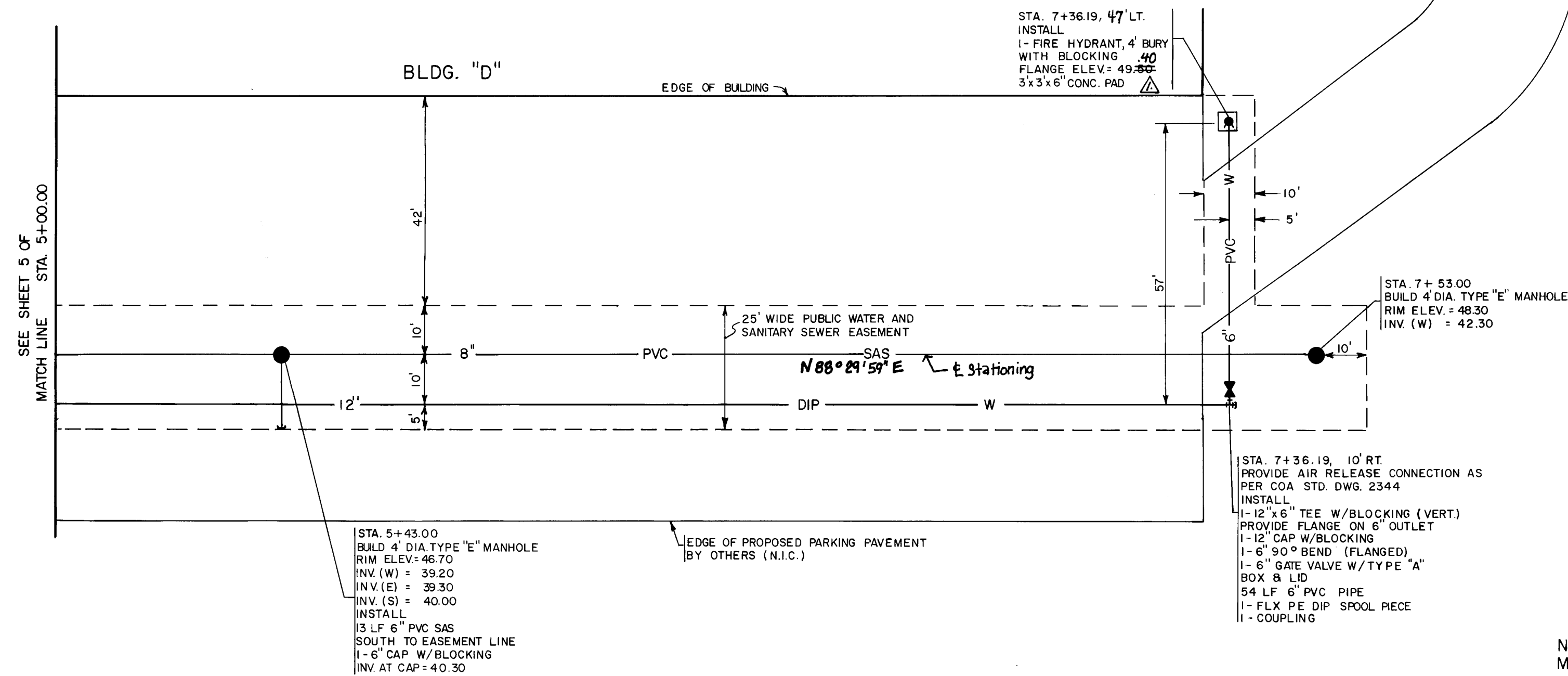
TITLE: MIDTOWN BUSINESS PARK- BLDG. "D"
PLAN & PROFILE- UTILITIES IN SOUTH PARKING AREA

APPROVALS	DATE	APPROVALS	ENGINEER	DATE
City Engineer	5/4/88	Liquid Waste	W. H. H. H.	5/4/88
A C E - Design	5/4/88	Traffic	W. H. H. H.	5/4/88
A C E - Hydrology	5-4-88	Water	W. H. H. H.	5/4/88

DRAWING NO. 3515
MAP NO. G-16
SHEET 3 OF 5

SCALE: HORIZ. 1" = 20'
VERT. 1" = 5'

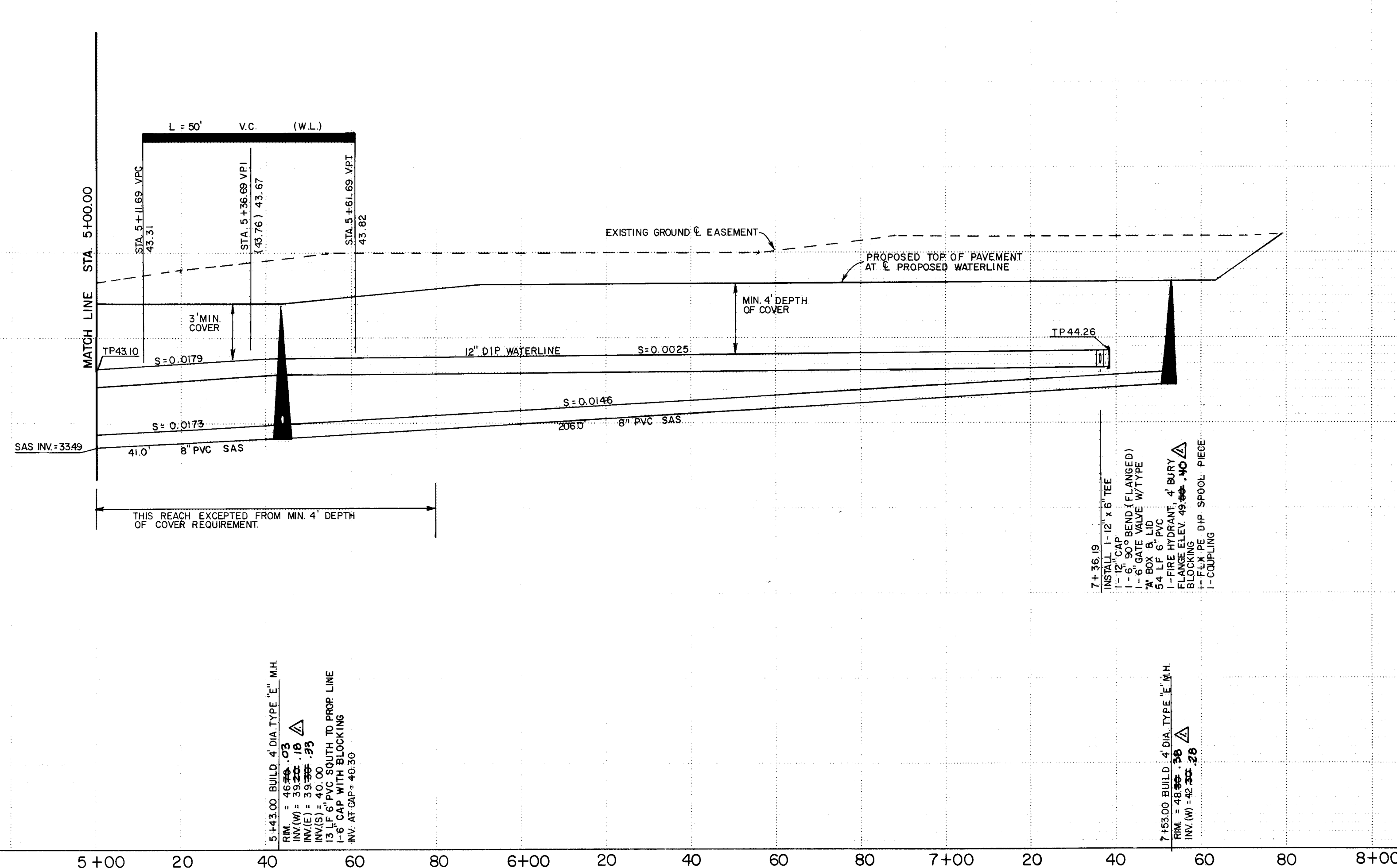
BHI JOB NO. 87404.04



NOTE: C STATIONING=
C SAN. SEWER LINE

SOUTH PARKING AREA

NOTE: CONTRACTOR SHALL REPLACE THE TRENCHED MATERIAL ONLY TO THE INDICATED ELEVATIONS OF THE PROPOSED TOP OF PAVEMENT MINUS 14 INCHES. LEFTOVER SPOIL MATERIAL FROM THE TRENCH SHALL REMAIN BESIDE THE TRENCH IN A NEAT MANNER (NO MORE THAN 18" HIGH).



NOTE: REQUIRED VERTICAL DEFLECTIONS IN PVC PIPE SHALL BE TAKEN UP IN THE PIPE BARREL, NOT AT THE PIPE JOINTS.

- ### SANITARY SEWER NOTES
1. ALL CONSTRUCTION STATIONING IS BASED ON CENTERLINE OF THE PROPOSED SANITARY SEWER LINE, UNLESS OTHERWISE NOTED.
 2. ELECTRONIC MARKER DISKS (EWO'S) SHALL BE PLACED PER CITY SPEC. 191 OF THE PROJECT TECHNICAL SPECIFICATIONS.
 3. SERVICE LINES SHALL BE 6" DIA. PVC PIPE.
 4. MAIN LINE PIPE LENGTHS ARE MEASURED FROM INSIDE WALL OF MANHOLE TO INSIDE WALL OF MANHOLE.
 5. MANHOLES SHALL BE 4' DIA., TYPE "E" AND INSTALLED PER CITY STD. DWS. 2102 AND 2110.
 6. SERVICE LINES SHALL BE INSTALLED PERPENDICULAR TO THE MAIN UNLESS OTHERWISE NOTED.
 7. WHEN LESS THAN 18 INCHES OF VERTICAL CLEARANCE EXISTS BETWEEN WATER AND SANITARY SEWER LINES AT CROSSINGS, THE SANITARY SEWER LINE SHALL BE CONCRETE-INCASED FOR 10' ON BOTH SIDES OF THE SEWER PER CITY STD. DWS. 2140.
 8. SOWER LINE PIPE SHALL BE POLYVINYL CHLORIDE TYPE PSM PIPE MEETING ASTA D 3034 REQUIREMENTS.

- ### WATER NOTES
1. FIRE HYDRANTS SHALL BE BURIED 4.5', UNLESS OTHERWISE NOTED, AND INSTALLED PER CITY STD. DWG. 2340.
 2. GATE VALVES SHALL BE RESILIENT SEAT VALVES.
 3. STATIONING IS BASED ON CENTERLINE OF THE PROPOSED SANITARY SEWER LINE, UNLESS OTHERWISE NOTED ON THE PLANS.
 4. SITE SHALL BE GRADED TO $\pm 0.5'$ PRIOR TO INSTALLATION OF UTILITIES.
 5. CLASS 150, ANNA C 900 POLYVINYL CHLORIDE PIPE SHALL BE INSTALLED. JOINTS WILL BE PUSH-ON TYPE.
 6. ELECTRONIC MANUAL DISKS (EMD'S) SHALL BE INSTALLED PER SECTION 1.01 OF THE PROJECT TECHNICAL SPECIFICATIONS.

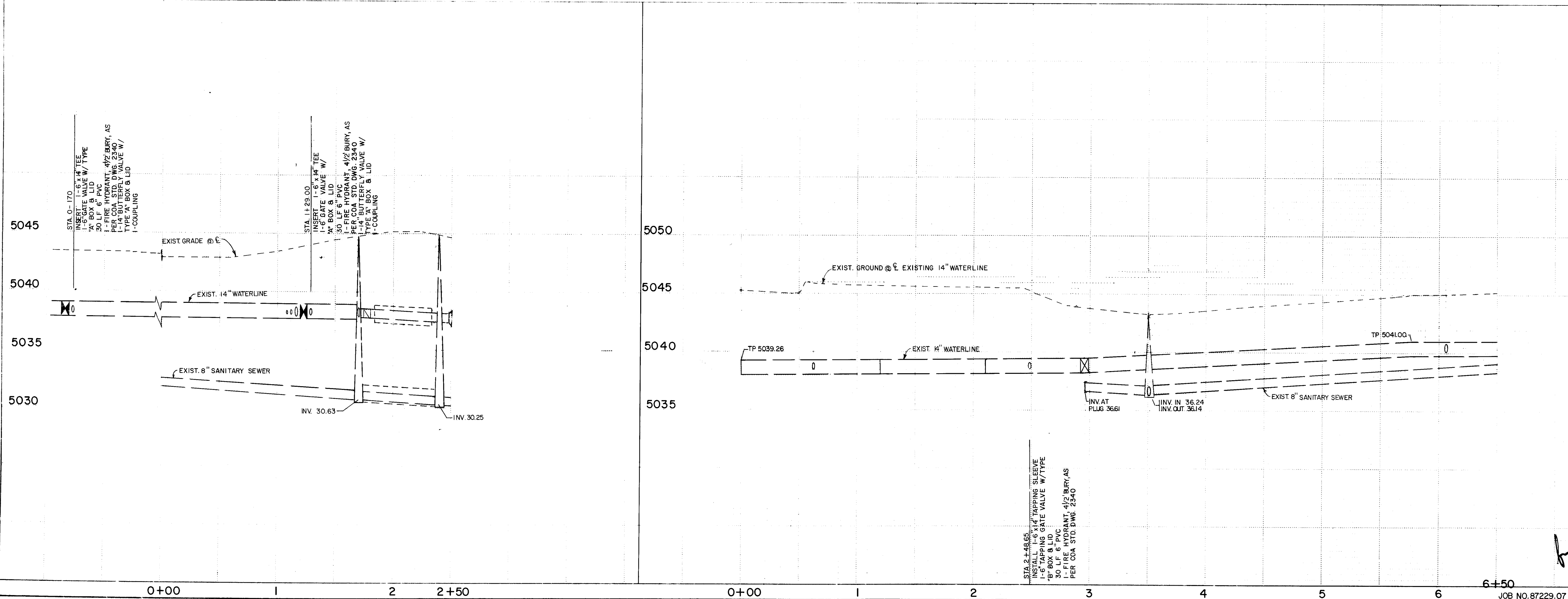
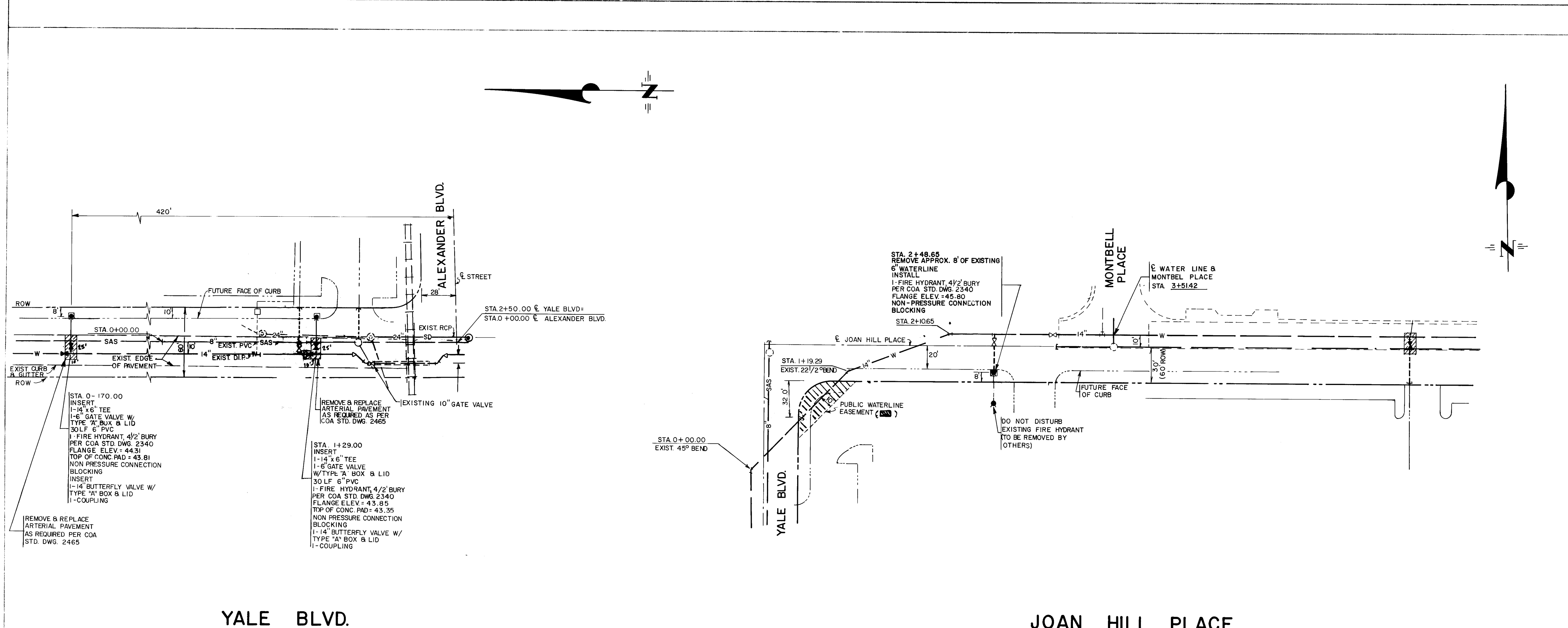
26 35150488

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
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TITLE: MIDTOWN BUSINESS PARK- BLDG. "D"
PLAN & PROFILE-UTILITIES IN SOUTH PARKING AREA

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/10/80	Liquid Waste	<i>[Signature]</i>	5/14/80
A.C.E.-Design	<i>[Signature]</i>	or 11/1/83	Traffic	<i>[Signature]</i>	or 11/1/83
A.C.E.-Hydrology	CAM NA	5-4-88	Water	<i>[Signature]</i>	5/4/88

BHI JOB NO. 87404.04									
SCALE:	HORIZ. 1" = 20'	DRAWING NO. 3515	MAP NO. G-16	SHEET 4	OF 5				
	VERT. 1" = 5'								



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	BY	DATE	DATE	DATE	DATE
		REMARKS		REVISIONS	DATE	DATE	DATE
DESIGNED BY DBT		CHECKED BY DBT		DATE AUG 1987		DATE AUG 1987	
DRAWN BY LAD		DATE AUG 1987		DATE AUG 1987		DATE AUG 1987	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP		TITLE: MIDTOWN BUSINESS PARK YALE BLVD./JOAN HILL PLACE UTILITY PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
City Engineer	<i>[Signature]</i>	05/16/88	Liquid Waste	<i>[Signature]</i>	05/16/88		
ACE - Design	<i>[Signature]</i>	05/16/88	Traffic	<i>[Signature]</i>	05/16/88		
ACE - Hydrology	<i>[Signature]</i>	05/16/88	Water	<i>[Signature]</i>	05/16/88		
DRAWING NO. 3515		MAP NO. G-16		SHEET 5		OF 5	

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