

PLANS FOR CONSTRUCTION OF INFRASTRUCTURE IMPROVEMENTS DIAMOND SHAMROCK CORNER STORE No. 1246

AUGUST, 1995

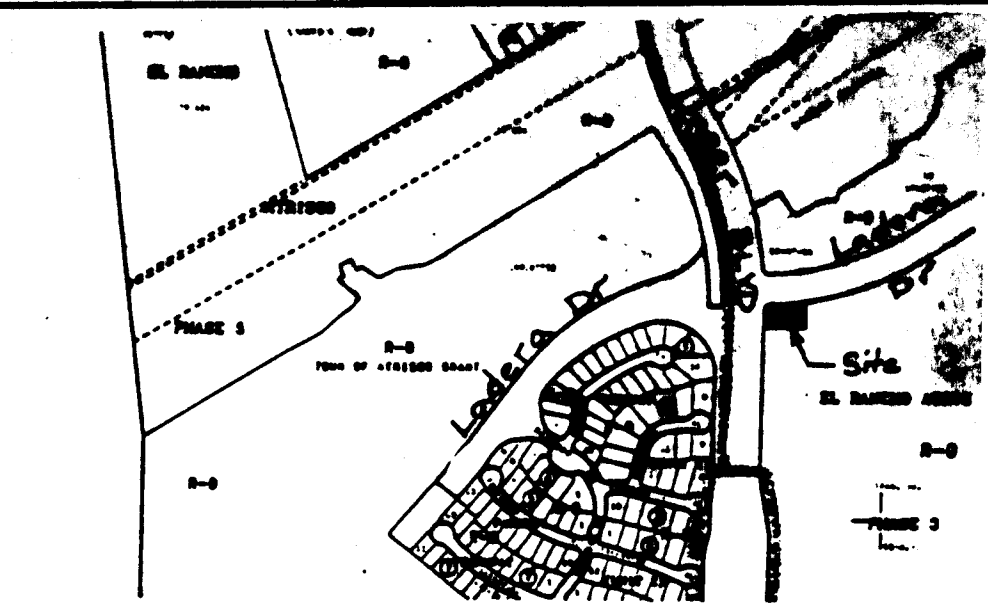
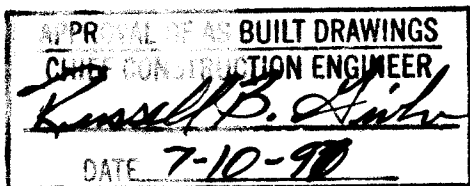
INDEX TO DRAWINGS

SHEET	TITLE
1	TITLE SHEET & VICINITY MAP
2	WATER & SANITARY SEWER OVERALL PLAN, WATER PLAN AND PROFILE
3	UNSER BOULEVARD MEDIAN BREAK AND CURB CUT

CERTIFICATION

I, RAFAEL E. ROMERO, REGISTERED
PROFESSIONAL ENGINEER, No. 4859
HEREBY CERTIFY THAT THE FOLLOWING
PLANS AND DESIGNS WERE MADE
UNDER MY SUPERVISION AND DIRECTION
AND THAT SAME IS TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND
BELIEF.

Rafael E. Romero 10-1-96
N.M.P.E. No. 4859



VICINITY MAP
ZONE ATLAS H-9
SCALE: 1"=750'

NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION W/UPDATE #6.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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 MINIMUM AMOUNT OF DELAY.
- IF ANY UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES AND UNDERGROUND UTILITY LINES, IN PLANNING AND CONDUCTING EXCAVATION. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING 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 THE EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 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' (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLE OR SUPPORT OF CABLES BY THE UTILITY OWNER.
- 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATOR DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATOR DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM-D1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING 2315.
- WATERLINE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STANDARD DRAWING 2301.
- WATER METERS ARE TO BE INSTALLED AT ALL SERVICES IN ACCORDANCE WITH CITY STANDARD DRAWINGS 2362.
- GENERAL CONTRACTOR TO PAY ALL FEES FOR ENGINEERING, BONDS AND STANDBY CHARGES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

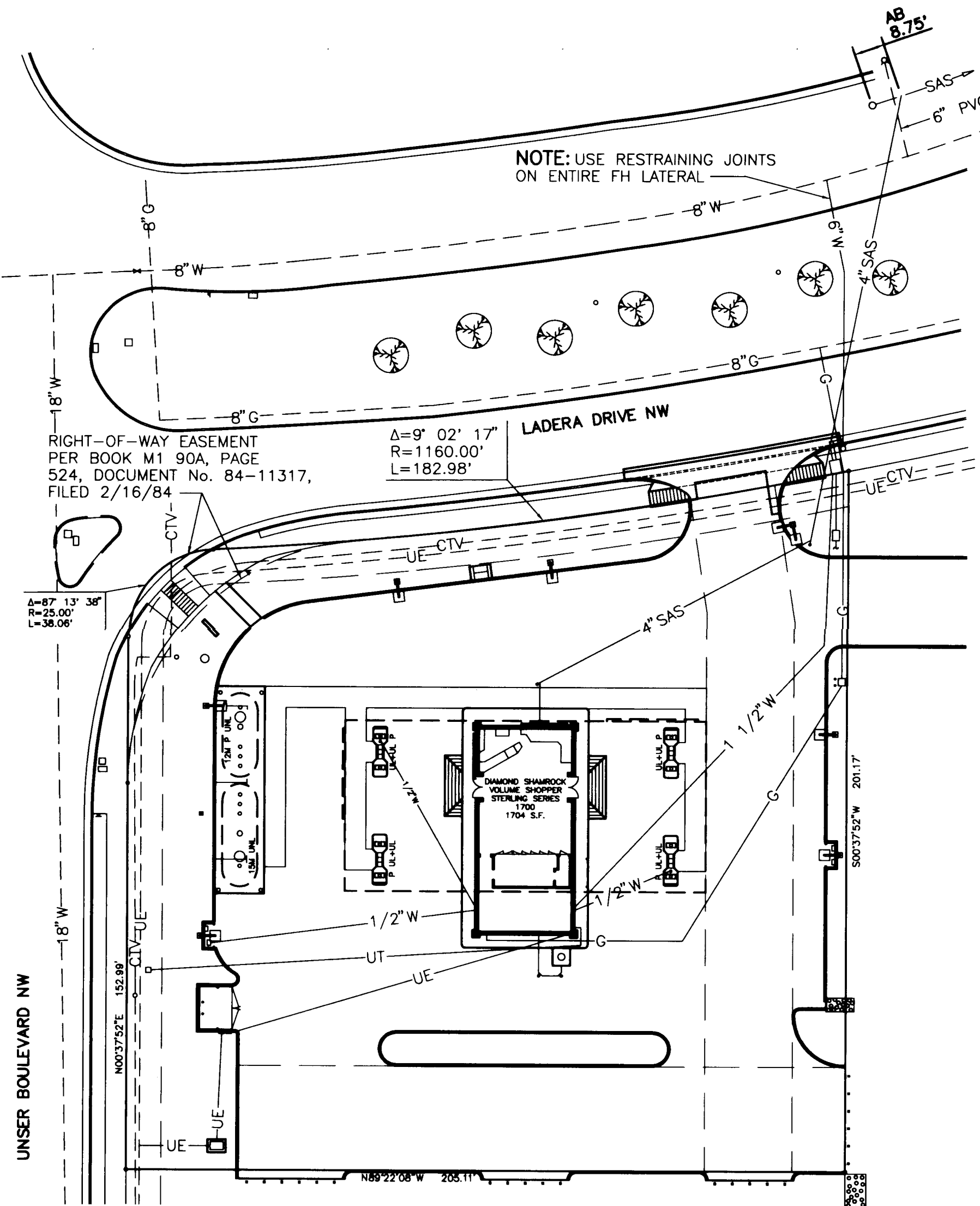
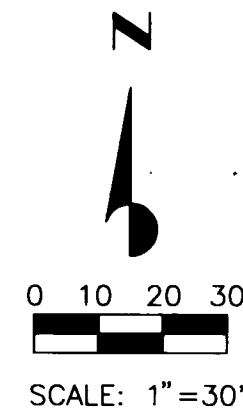
AS BUILT

26-5298.90 0197

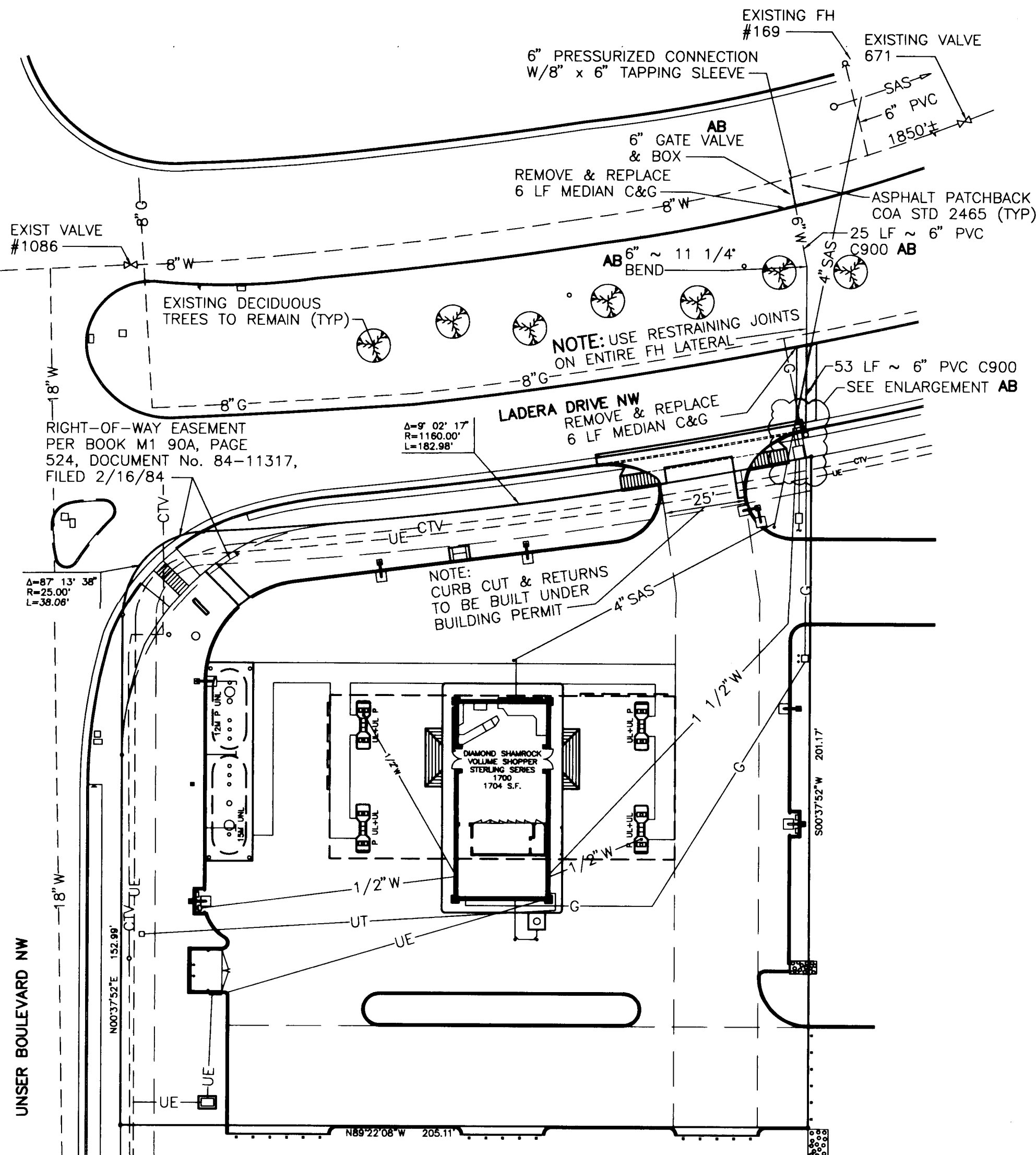
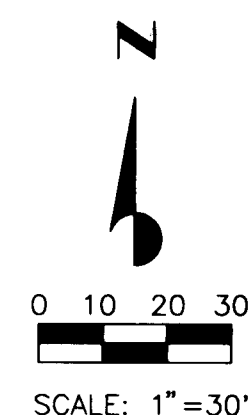
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							
ENGINEER'S SEAL				Galloway, Romero & Associates Design Engineering Planning 14202 East Evans Avenue Aurora, Colorado 80014 Tel. (303) 745-7448 Fax. (303) 745-7480		APPROVED FOR CONSTRUCTION <i>Rafael E. Romero</i> 3/6/97 C.E.	
PROJECT NUMBER				5298.90		SHEET 1 OF 3 PERMIT SET SP-3.3	

DISKFILE: D056W001

SCANNED BY
BY LASON



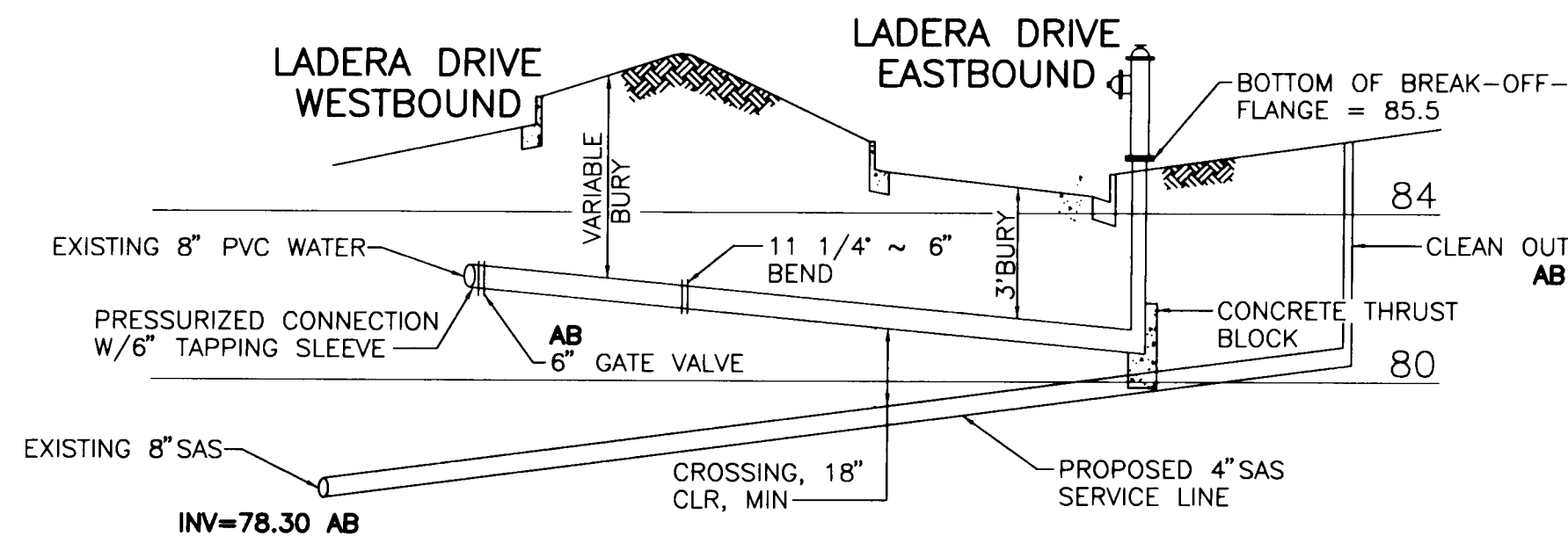
WATER & SANITARY SEWER OVERALL PLAN



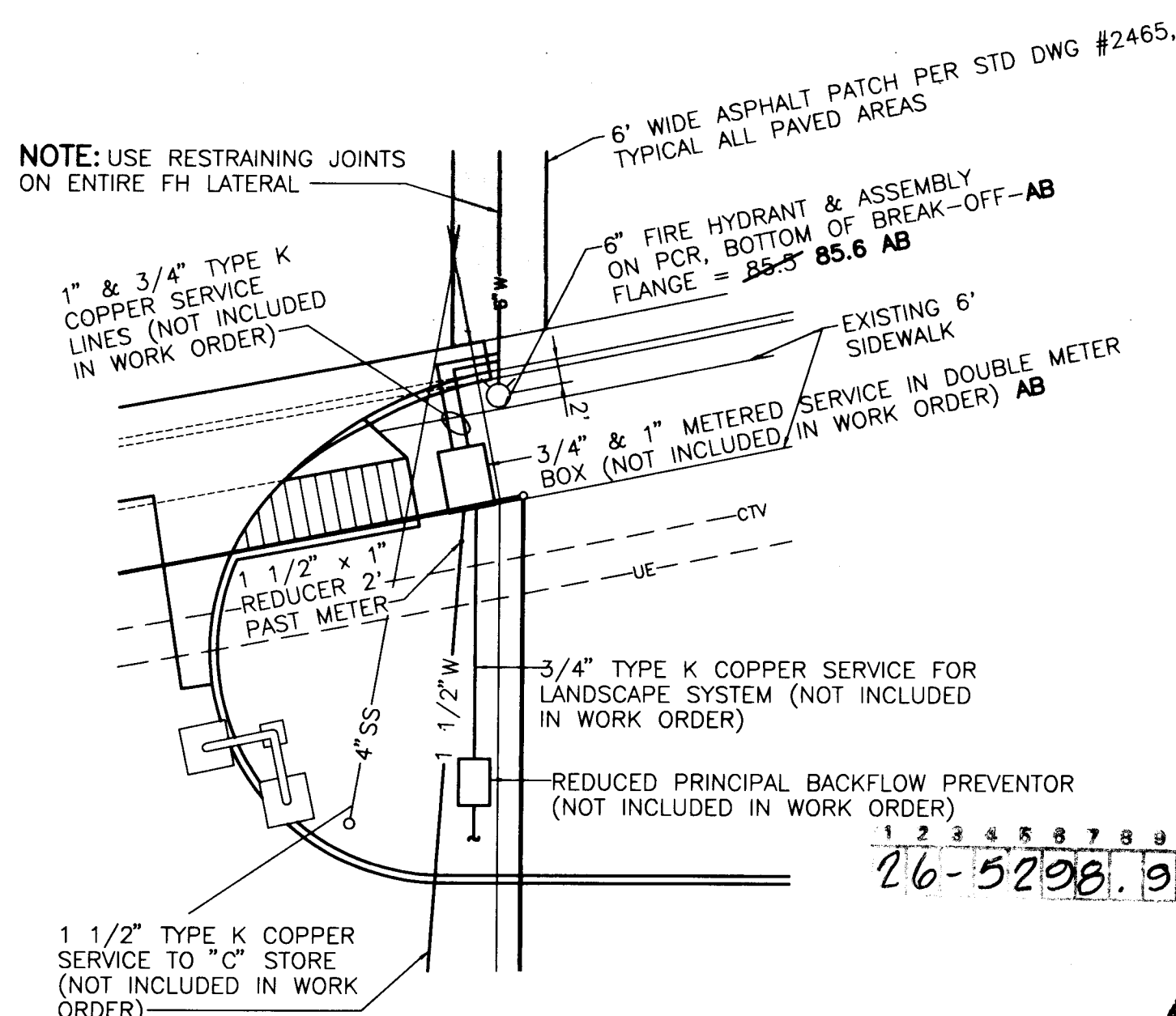
PLAN

WATER SHUT-OFF NOTES:

- VALVES, HYDRANTS AND APPURTENANCES OF THE CITY WATER SYSTEM SHALL BE OPERATED BY CITY PERSONNEL ONLY.
- THE CONTRACTOR SHALL PROVIDE THE CITY 5 DAYS ADVANCE NOTICE (857-8200) OF NEED FOR SYSTEM SHUTDOWN.
- SYSTEM SHUTDOWN SHALL BE ACCOMPLISHED BY CLOSING VALVES 1086 AND 671.
- ANTICIPATED SHUTDOWN DURATION IS 8 HOURS.



PROFILE
SCALES: 1"=20' HORIZONTAL
1"=4' VERTICAL



ENLARGEMENT

WATER PLAN & PROFILE

LEGEND

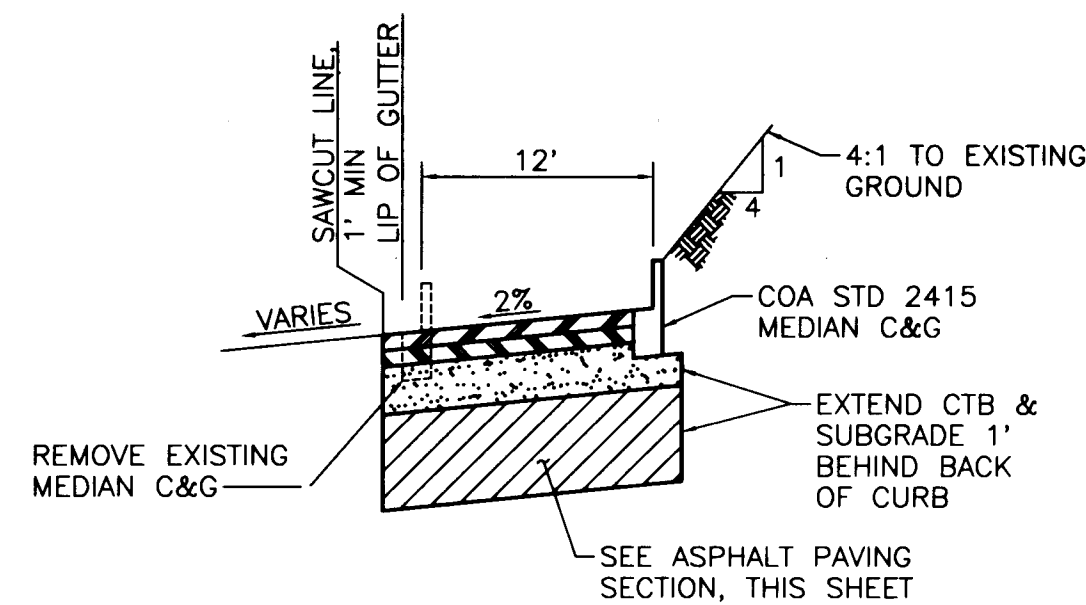
- SAS — EXIST SANITARY SEWER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED GATE VALVE
- EXIST GATE VALVE
- W — EXIST WATER MAIN
- W — PROPOSED WATER MAIN
- SD — EXIST STORM DRAIN
- SD — PROPOSED STORM DRAIN
- G — EXIST GAS LINE
- G — PROPOSED GAS LINE
- UE — EXIST UNDERGROUND ELECTRICAL
- UE — PROPOSED UNDERGROUND ELECTRICAL
- OE — EXIST OVERHEAD ELECTRICAL
- OE — PROPOSED OVERHEAD ELECTRICAL
- UT — EXIST UNDERGROUND TELEPHONE
- UT — PROPOSED UNDERGROUND TELEPHONE
- T — EXIST OVERHEAD TELEPHONE
- AB — AS BUILT

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE DIAMOND SHAMROCK CORNER STORE No. 1246 WATER & SANITARY SEWER OVERALL PLAN, WATER PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Wastewater		
Hydrology					
DRAWING NO. 5298.90		MAP NO. H-9		SHEET 2 OF 3 SP-3.4	

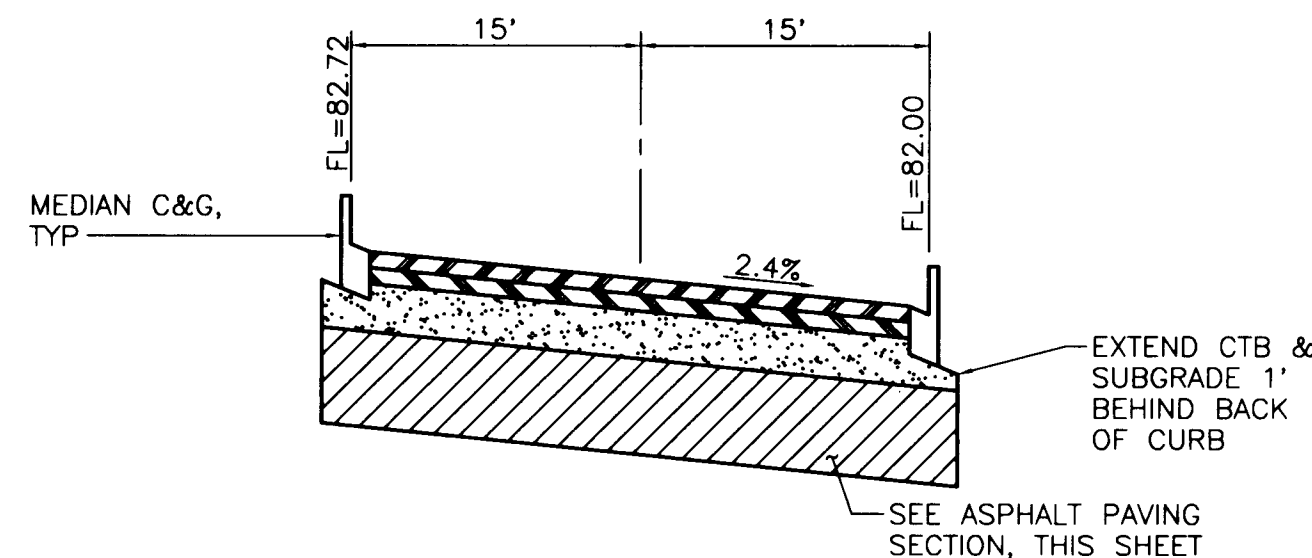
AS
BUILT

SCANNED BY
BY LASON

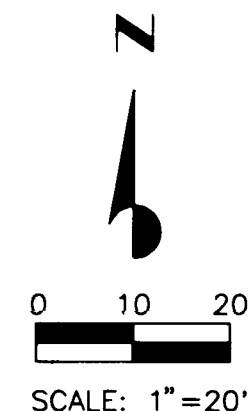
DISK FILE: D056W2AB



SECTION A-A
SCALES: 1"=10' HORIZONTAL, 1"=2' VERTICAL



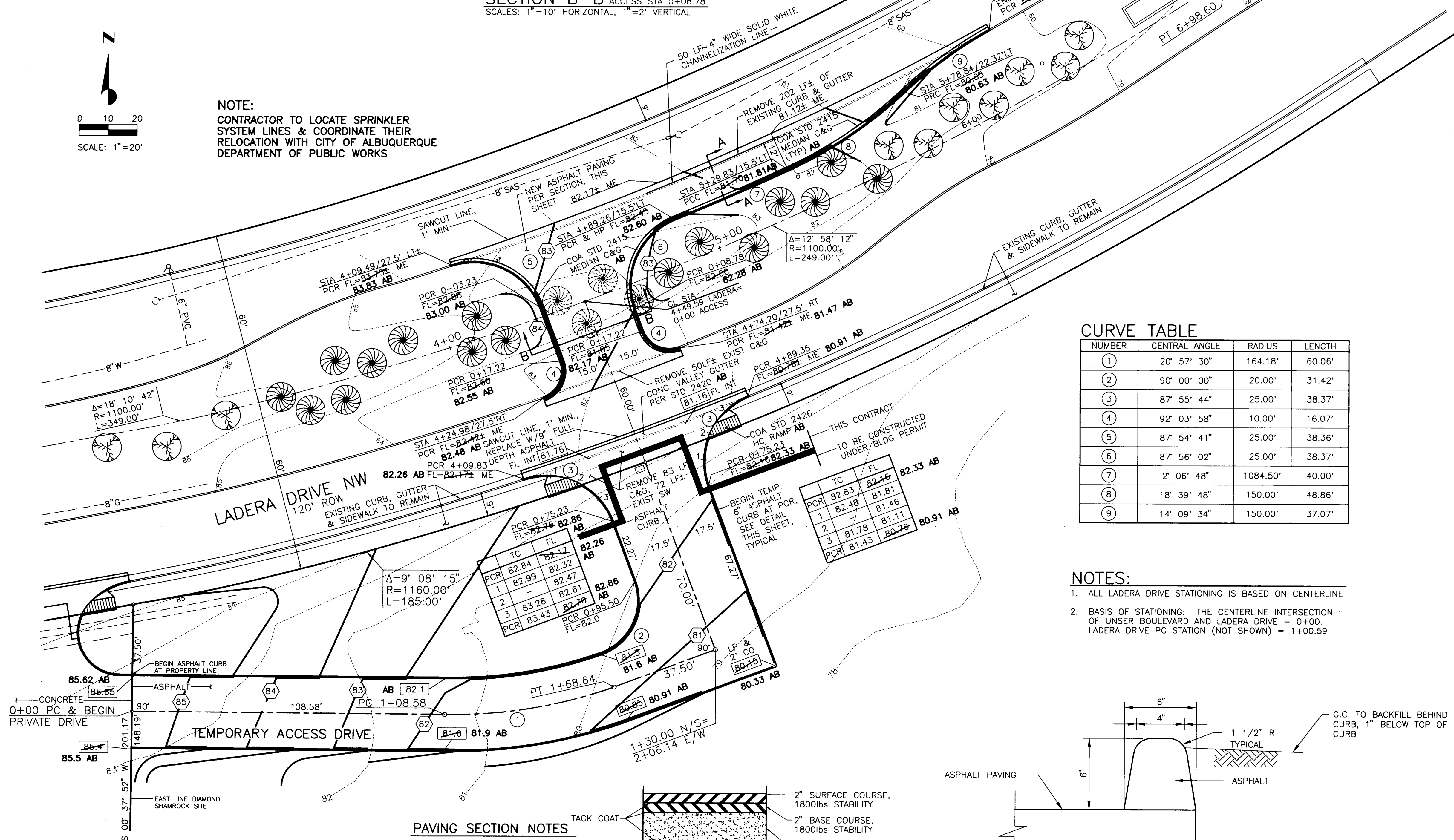
SECTION B-B ACCESS STA 0+08.78
SCALES: 1"=10' HORIZONTAL, 1"=2' VERTICAL



NOTE:
CONTRACTOR TO LOCATE SPRINKLER
SYSTEM LINES & COORDINATE THEIR
RELOCATION WITH CITY OF ALBUQUERQUE
DEPARTMENT OF PUBLIC WORKS

LEGEND:

- EXISTING TREE TO BE REMOVED (TYP. 4)
- FL FLOWLINE
- PCR POINT OF CURVE RETURN
- PRC POINT OF RETURN CURVE
- FL INT FLOWLINE INTERSECTION
- TC TOP OF CURB
- CO CURB OPENING
- LP LOW POINT
- HP HIGH POINT
- ME MATCH EXISTING

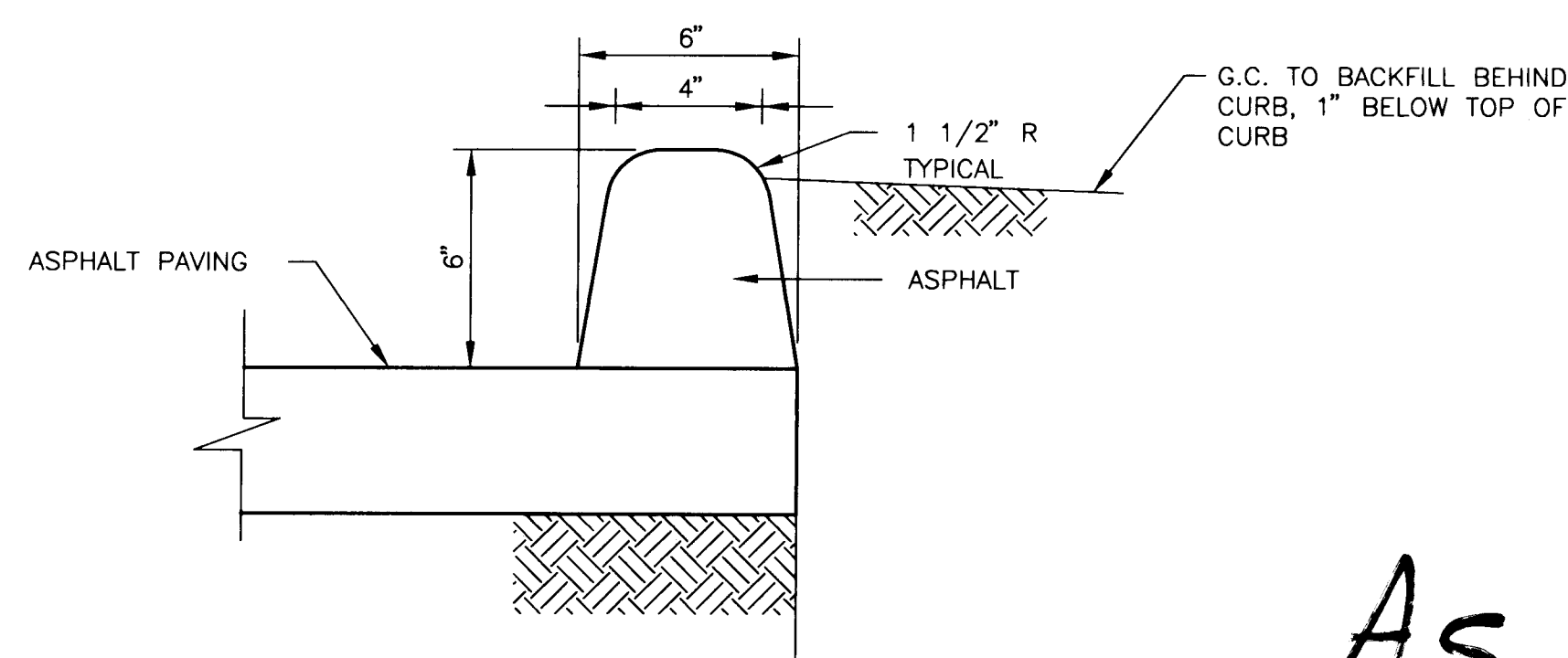


CURVE TABLE

NUMBER	CENTRAL ANGLE	RADIUS	LENGTH
①	20° 57' 30"	164.18'	60.06'
②	90° 00' 00"	20.00'	31.42'
③	87° 55' 44"	25.00'	38.37'
④	92° 03' 58"	10.00'	16.07'
⑤	87° 54' 41"	25.00'	38.36'
⑥	87° 56' 02"	25.00'	38.37'
⑦	2° 06' 48"	1084.50'	40.00'
⑧	18° 39' 48"	150.00'	48.86'
⑨	14° 09' 34"	150.00'	37.07'

NOTES:

- ALL LADERA DRIVE STATIONING IS BASED ON CENTERLINE
- BASIS OF STATIONING: THE CENTERLINE INTERSECTION OF UNTER BOULEVARD AND LADERA DRIVE = 0+00. LADERA DRIVE PC STATION (NOT SHOWN) = 1+00.59



ASPHALT CURB DETAIL NOT A PART OF THIS CONTRACT

LEGEND

---SAS---	EXIST SANITARY SEWER MAIN
○	EXIST SANITARY SEWER MANHOLE
---SAS---	PROPOSED SANITARY SEWER MAIN
●	PROPOSED SANITARY SEWER MANHOLE
⌵	PROPOSED GATE VALVE
⌵	EXIST GATE VALVE
---W---	EXIST WATER MAIN
W---	PROPOSED WATER MAIN
---SD---	EXIST STORM DRAIN
SD---	PROPOSED STORM DRAIN
---G---	EXIST GAS LINE
G---	PROPOSED GAS LINE
---UE---	EXIST UNDERGROUND ELECTRICAL
UE---	PROPOSED UNDERGROUND ELECTRICAL
---OE---	EXIST OVERHEAD ELECTRICAL
OE---	PROPOSED OVERHEAD ELECTRICAL
---UT---	EXIST UNDERGROUND TELEPHONE
UT---	PROPOSED UNDERGROUND TELEPHONE
---T---	EXIST OVERHEAD TELEPHONE
---85---	EXISTING CONTOUR
85.00	EXISTING SPOT ELEVATION
85.00	PROPOSED SPOT ELEVATION
CO	CURB OPENING
ME	MATCH EXISTING
FL INT	FLOWLINE INTERSECTION
FL	FLOWLINE
LT	LEFT
RT	RIGHT
PCR	POINT OF CURVE RETURN
LP	LOW POINT
AB	AS BUILT

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE DIAMOND SHAMROCK CORNER STORE No. 1246
UNTER BOULEVARD MEDIAN BREAK AND CURB CUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman			Water		
Transportation			Wastewater		
Hydrology					

DRAWING NO.	5298.90	MAP NO.	H-9	SHEET	3 OF 3
				SP-3.5	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-5298.90 10397

As
BUILT

SCANNED BY
BY LASON

DISK FILE: D056W348