

CONSTRUCTION PLANS
FOR



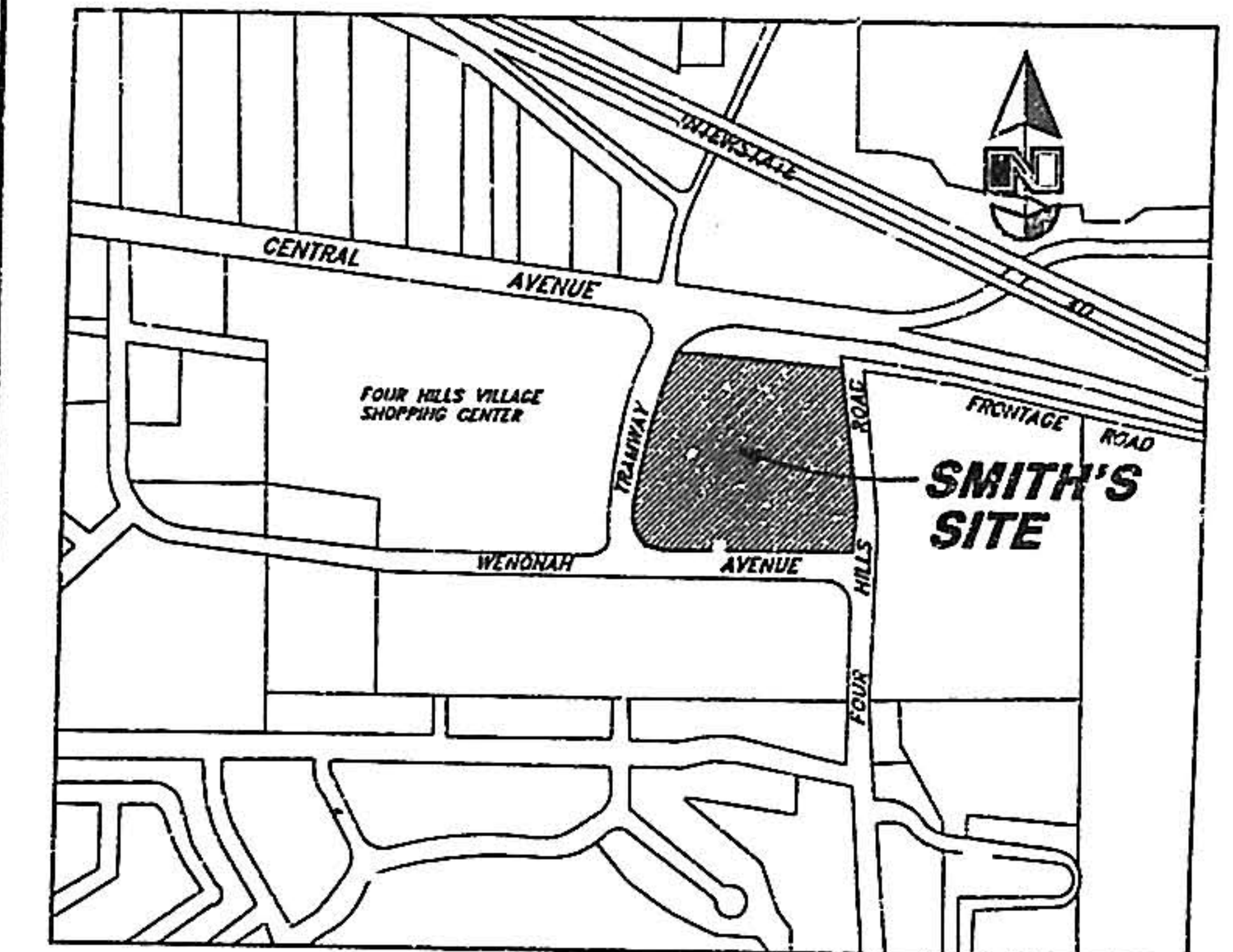
Smith's Food & Drug Centers, Inc.
Store #427

Tract J-1, Replat of Four Hills Village
Shopping Center and Apartment Complex

ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	Title Sheet
2	Site Plan
3	Grading & Drainage Plan
4	Utility Plan
5	Improvement Plan (Tramway Blvd.)
6	Details
7	Details
8	Demolition Plan & Topographic Map



VICINITY MAP
NOT TO SCALE

NOTICE TO CONTRACTORS

- 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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 ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS 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.

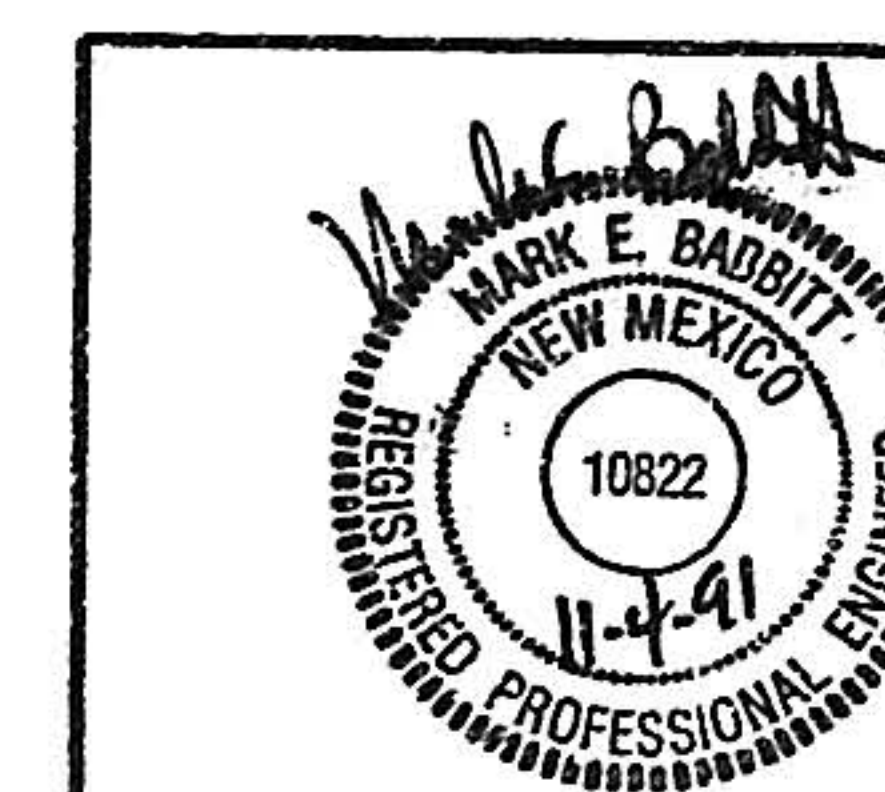
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ 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.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. White
DATE 7-20-93

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4361.90 700193

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



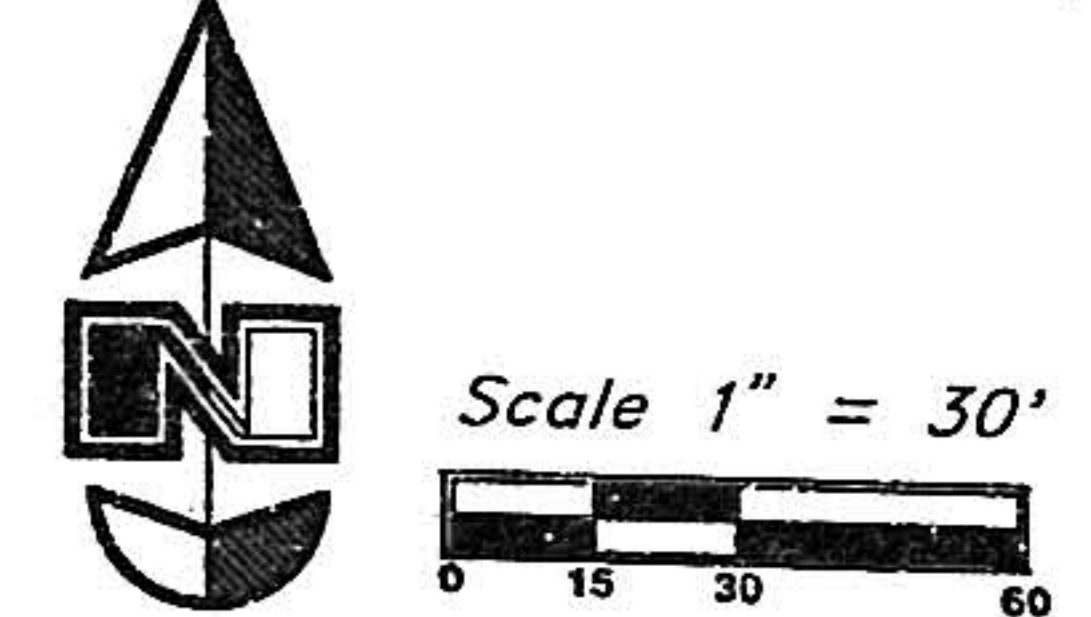
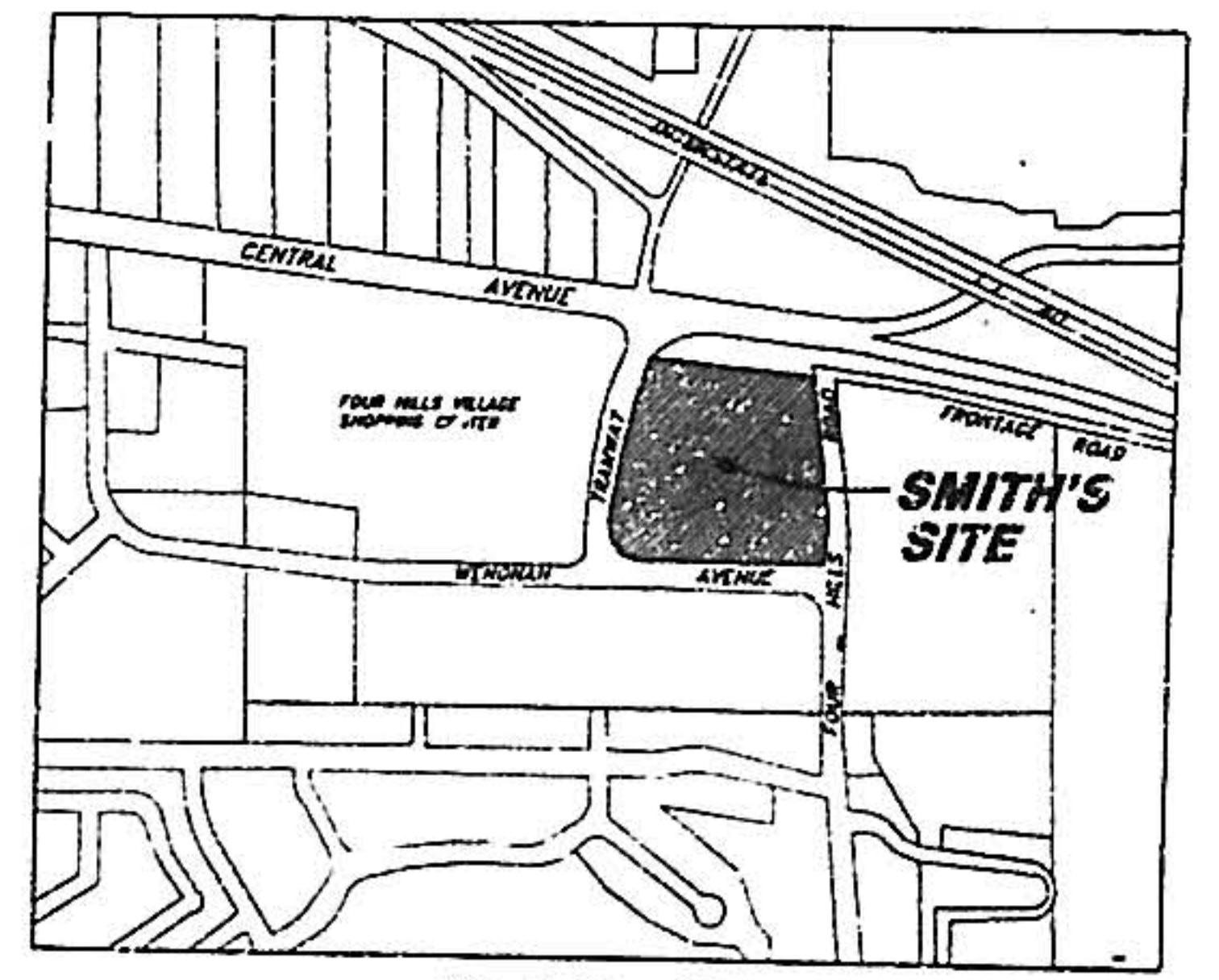
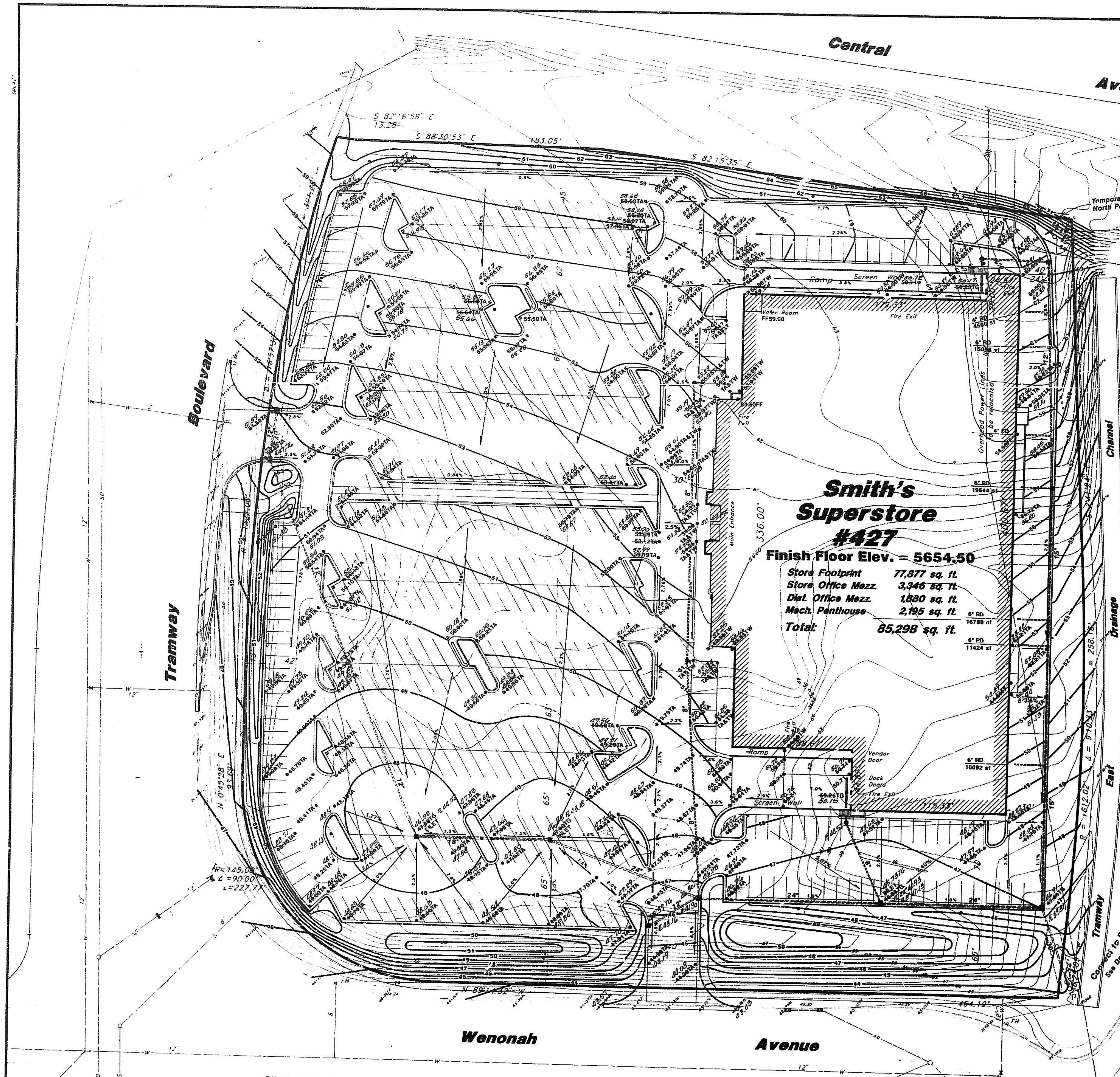
GREAT BASIN ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS
3544 Lincoln Avenue, Ogden, Utah, 84401
P.O. Box 8307, Ogden, Utah, 84409
Ogden (801)244-4110 Salt Lake City (801)221-4229 Fax (801)220-7544

APPROVED FOR
CONSTRUCTION

C.E.

PROJECT NUMBER
4361.90

SHEET 1 OF 8



Tract J-1 of Replat of Four Hills Village Shopping Center and Apartment Complex, City of Albuquerque, Bernalillo County, New Mexico
Contains 8.335 Acres

Legend

Existing Contour	90.5
Exist. grade	TC80.71
Finish grade	80
Finish Contour	TC
Top of Curb	TA
Top of Walk	TW
Top of Asphalt	
Storm Drain Line	
Catch Basin	
Top of Grate	TG
Finish Floor	FF

GENERAL NOTES (GRADING PLAN)

- All work shall be in accordance with the City of Albuquerque Public Works Standard.
- Cut Slopes shall be no steeper than 2 horizontal to 1 vertical.
- Fill slopes shall be no steeper than 2 horizontal to 1 vertical and shall have not less than 90% compaction out to the finished surface.
- Fills shall be compacted throughout to 90% density as determined by U.S.C. Chapter 70 and certified by the Soils Engineer.
- Areas to receive fill shall be properly prepared and approved by the City Inspector and Soils Engineer prior to placing fill.
- Fills shall be benched into competent material as per detail on plan.
- All trench backfills shall be tested and certified by the Soils Engineer per the grading code. The Soils Engineer shall include the stability of the backfill and that the compaction of 90% of the optimum density using the AASHTO Test T198-57 modified to use 3 layers in lieu of 5 layers.
- The Engineer Geologist shall perform periodic inspections and submit a complete report and map upon completion of the rough grading.
- The final compaction report and certification from the Soils Engineer shall contain the type of field testing performed. Each test shall be identified with the method of obtaining the in-place density, whether sand cone or drive ring and shall be so noted for each test. Sufficient maximum density determinations shall be performed to verify the accuracy of the maximum density curves used by the field technician.
- Dust shall be controlled by watering.
- The location and protection of all utilities is the responsibility of the Permittee.
- Approved protective measures and temporary drainage provision: must be used to protect adjoining properties during the grading project.
- All public roadways must be cleared daily of all dirt, mud and debris deposited on them as a result to the grading operation. Cleaning is to be done to the satisfaction of the City Engineer.
- The Site shall be cleared and grubbed of all vegetation and deleterious matter prior to grading.
- The Contractor shall provide shoring in accordance with OSHA Requirements for trench walls.
- Aggregate base shall be compacted to 95% of maximum dry density determined by ASTM D-1557.
- The recommendations in the following Soils Engineering Report by Vinyard & Associates, Inc. are included in the requirements of grading and site preparation. The Report is titled "Geotechnical Investigation for Smith's Superstore located on Tramway Boulevard and Central Avenue, Albuquerque, New Mexico." Project No. 89-1-72 Dated: November 8, 1989
- Elevations shown on this Plan are finish grades. Rough grades are the subgrades of the improvements shown hereon.

RECORD DRAWING

I, Harry K. Work, a registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the "As Built" information shown hereon was obtained by me or under my direct supervision and that said information is true and correct to the best of my knowledge and belief.

Harry K. Work, NPLS #7476
DATE: July 13, 1992

26 4361 900393

This Site is in a Non Flood Hazard Area, FIRM Rate Map No. 350002 0037 C, effective October 14, 1983.

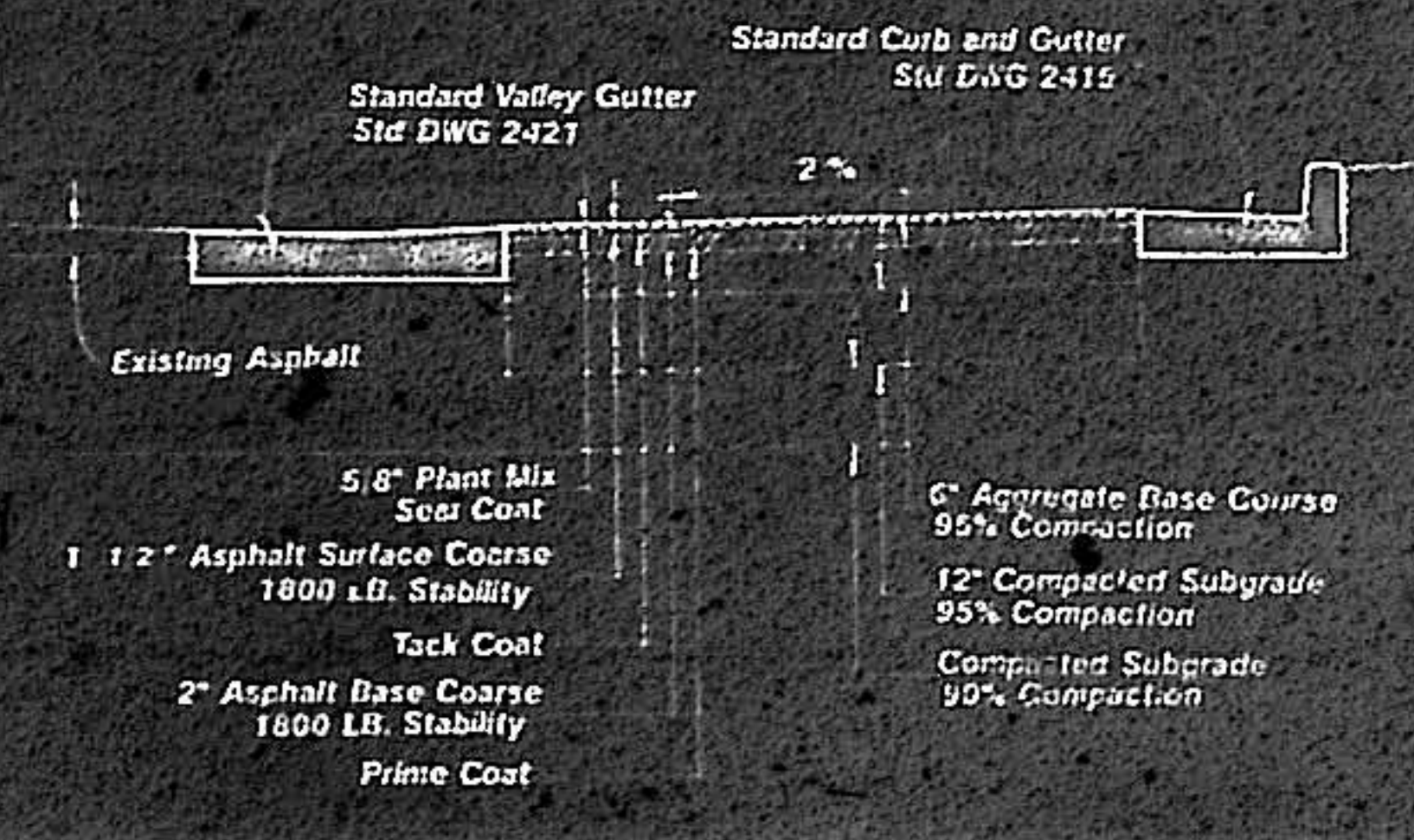
Smith's #427
GREAT BASIN ENGINEERING, INC.
CONSULTING ENGINEERS AND SURVEYORS
OGDEN and SALT LAKE CITY, UTAH

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	STATION	DATE	NO.	DATE	BY	DATE	NO.	DATE
Smith's Superstore #427	11-15-91	Central Avenue and Tramway Boulevard at the intersection of	11-15-91	1	11-15-91	Harry K. Work	11-15-91	1	11-15-91
STATE OF NEW MEXICO	11-15-91	West Central Station, 101.5' x 41' and 101' x 41' North	11-15-91	2	11-15-91		11-15-91	2	11-15-91
CITY OF ALBUQUERQUE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	3	11-15-91		11-15-91	3	11-15-91
ENGINEER	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	4	11-15-91		11-15-91	4	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	5	11-15-91		11-15-91	5	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	6	11-15-91		11-15-91	6	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	7	11-15-91		11-15-91	7	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	8	11-15-91		11-15-91	8	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	9	11-15-91		11-15-91	9	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	10	11-15-91		11-15-91	10	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	11	11-15-91		11-15-91	11	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	12	11-15-91		11-15-91	12	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	13	11-15-91		11-15-91	13	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	14	11-15-91		11-15-91	14	11-15-91
DATE	11-15-91	Station 101.5' x 41' and 101' x 41' North	11-15-91	15	11-15-91		11-15-91	15	11-15-91

CAUTION!
NOTICE TO CONTRACTOR
The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the proposed improvements shown on the plans.

NOTE: Contractor shall refer to architectural plans for exact locations and dimensions of vestibule, sloped paving, exit porches, ramps, truck docks, precise building dimensions, and exact building utility entrance locations.

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
Smith's Food & Drug Centers Inc., Store #427 Grading & Drainage Plan			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG. CHAIRMAN	11-15-91	WATER	11-15-91
TRANSPORTATION	11-15-91	WASTE WATER	11-15-91
HYDROLOGY	11-15-91		
DRAWING NO.	4361.90	MAP NO.	L-23
		SHEET	3 OF 9



RECORD DRAWING
I, HARRY K. Work, a registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the "As Built" information shown hereon was obtained by me or under my direct supervision and that said information is true and correct to the best of my knowledge and belief.
HARRY K. WORK, RPLS, 87476

Smith's

#427

GREAT BASIN ENGINEERING, INC.

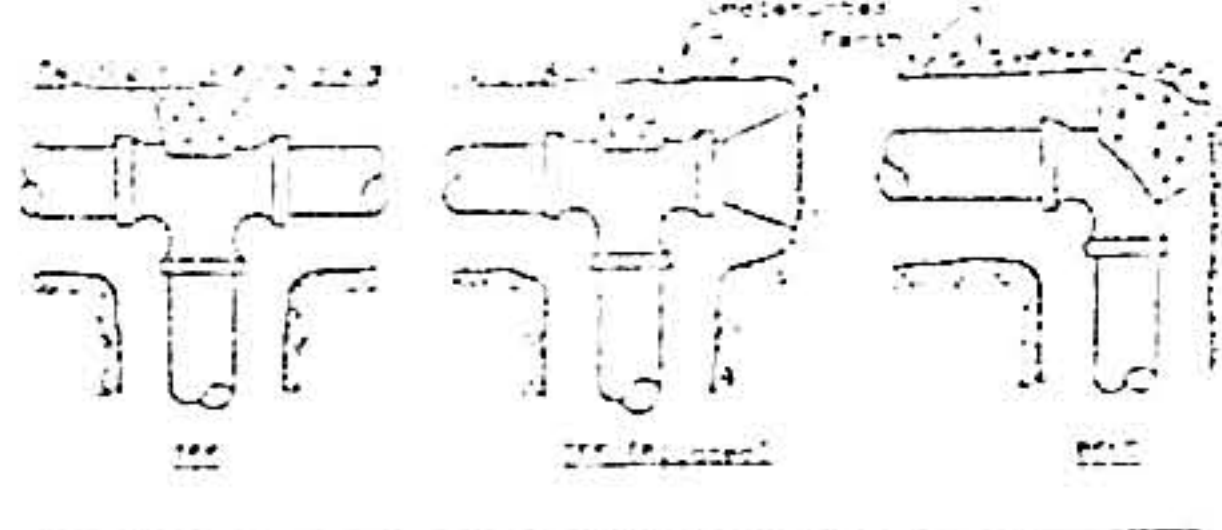
3544 Lincoln Avenue, Ogden, Utah, 84401
P.O. Box 9307, Ogden, Utah, 84409
Phone: (801) 226-4111 Fax: (801) 226-4112

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
Smith's Food & Drug Centers Inc., Store #427 Improvement Plan			
APPROVALS	ENGINEER	DATE	APPROVALS
DESIGNED BY	DESIGNED BY	DATE	DESIGNED BY
CHECKED BY	CHECKED BY	DATE	CHECKED BY
DRAWING NO.	4361.90	MAP NO.	L-23
SHEET	5	OF	8

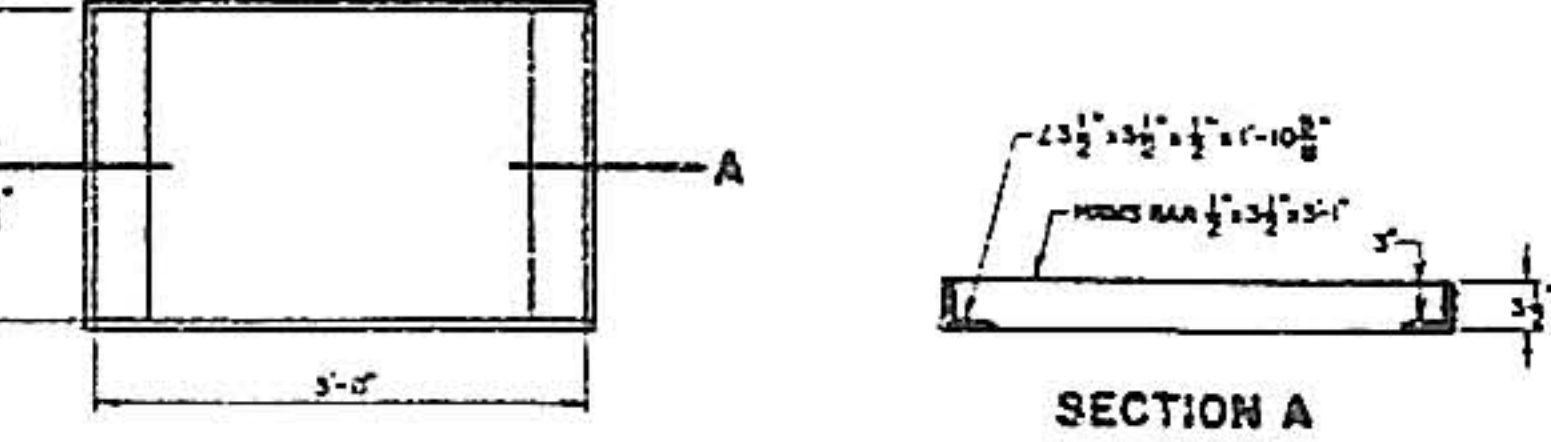
Tramway Boulevard SE



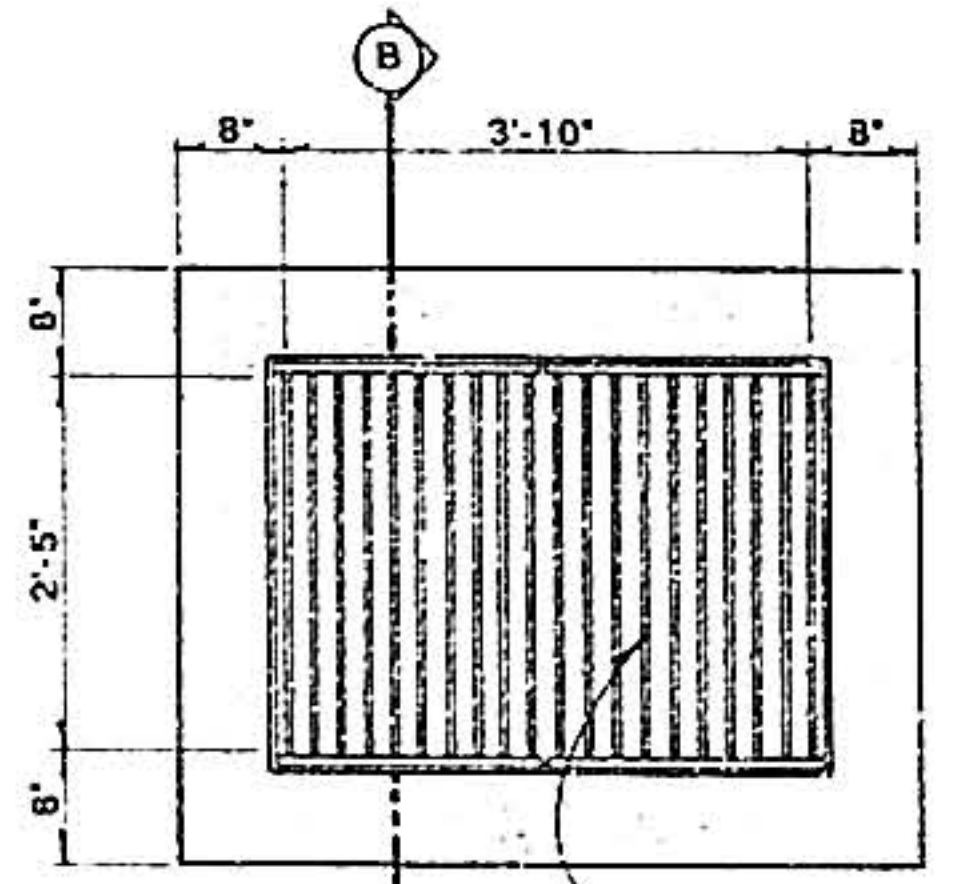
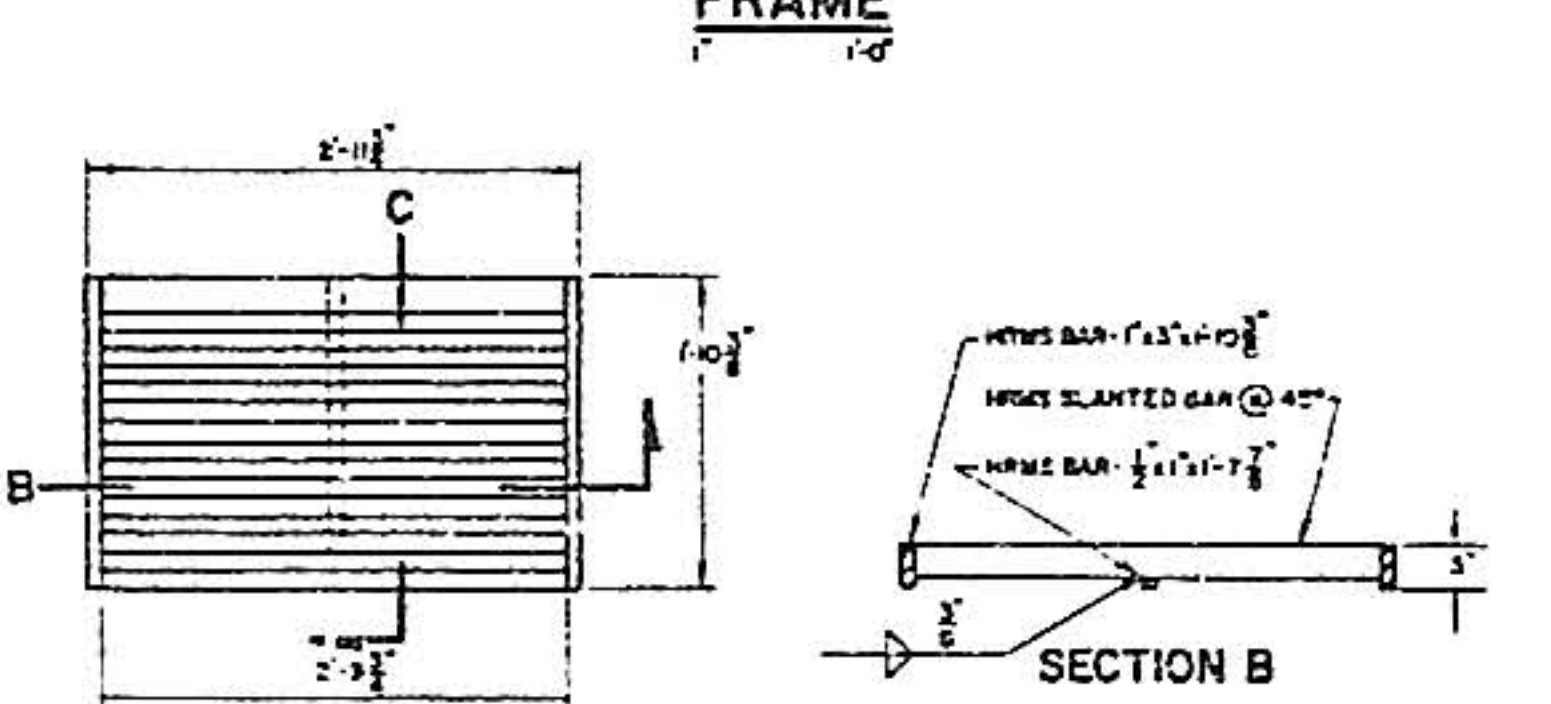
Typical Thrust Blocking Detail 3



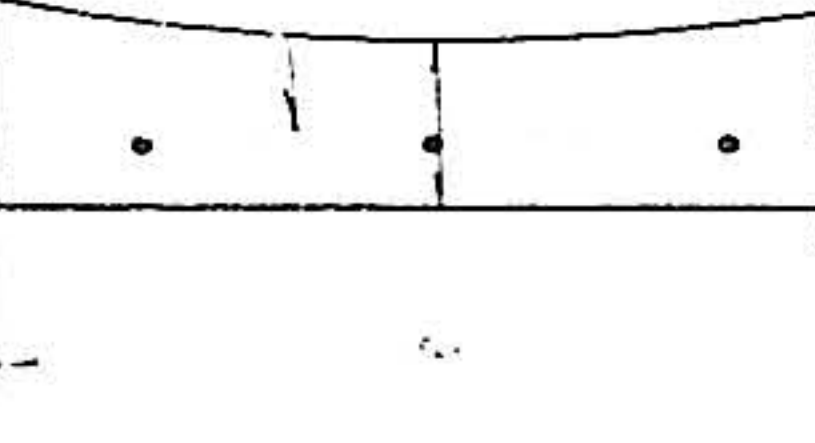
Typical Pavement Sections 1



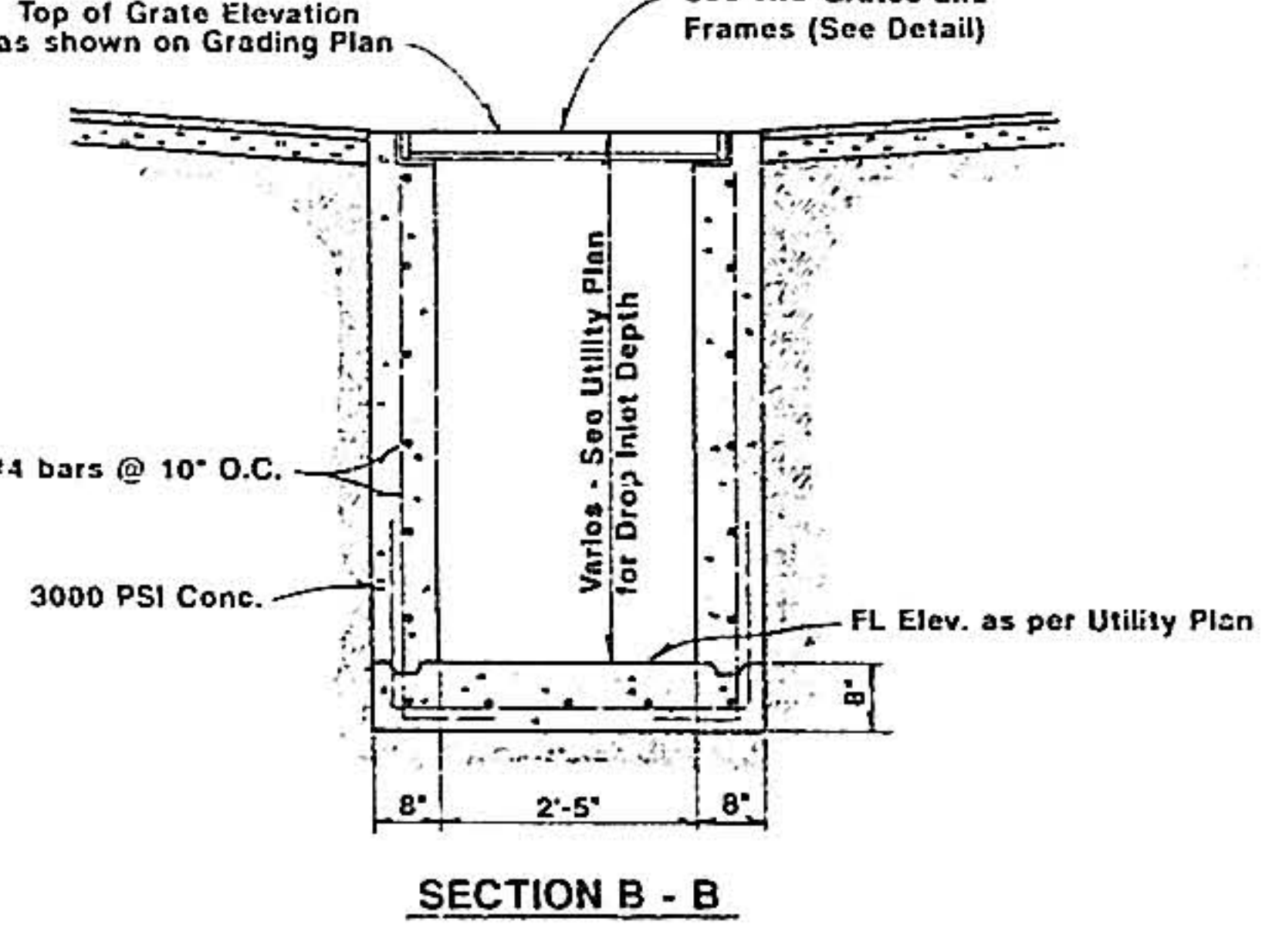
Grate Detail



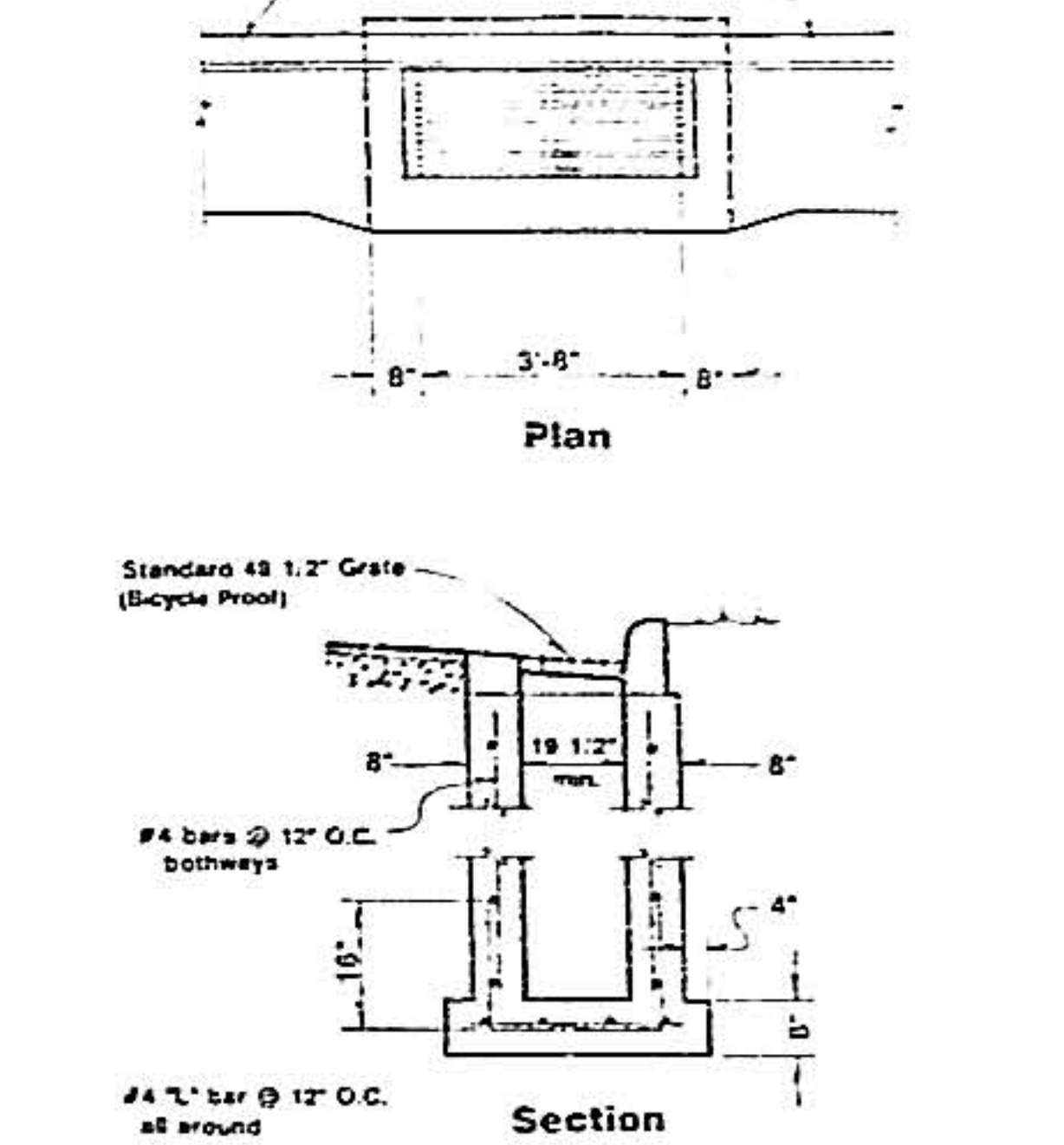
Catch Basin 18



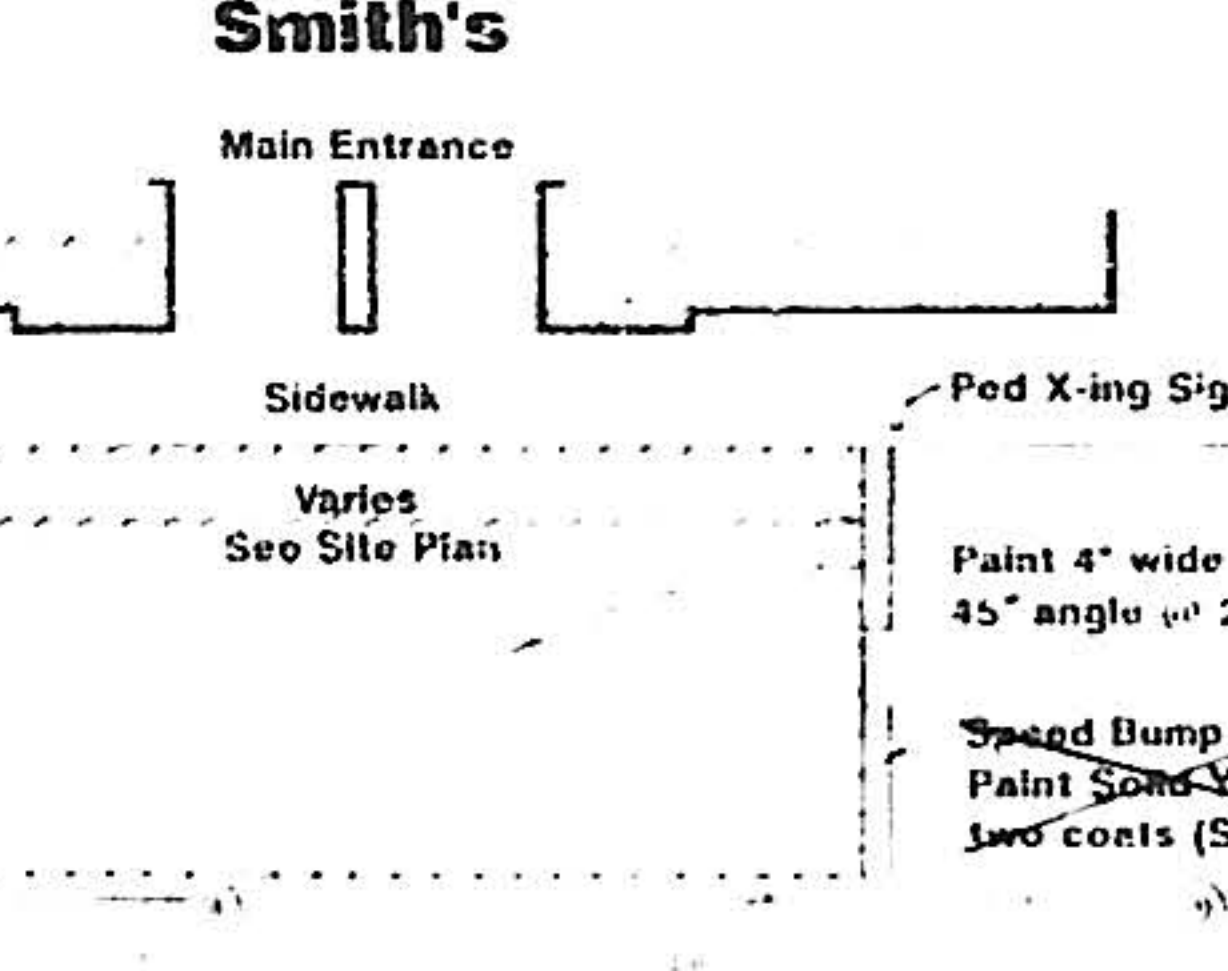
36" Waterway 17



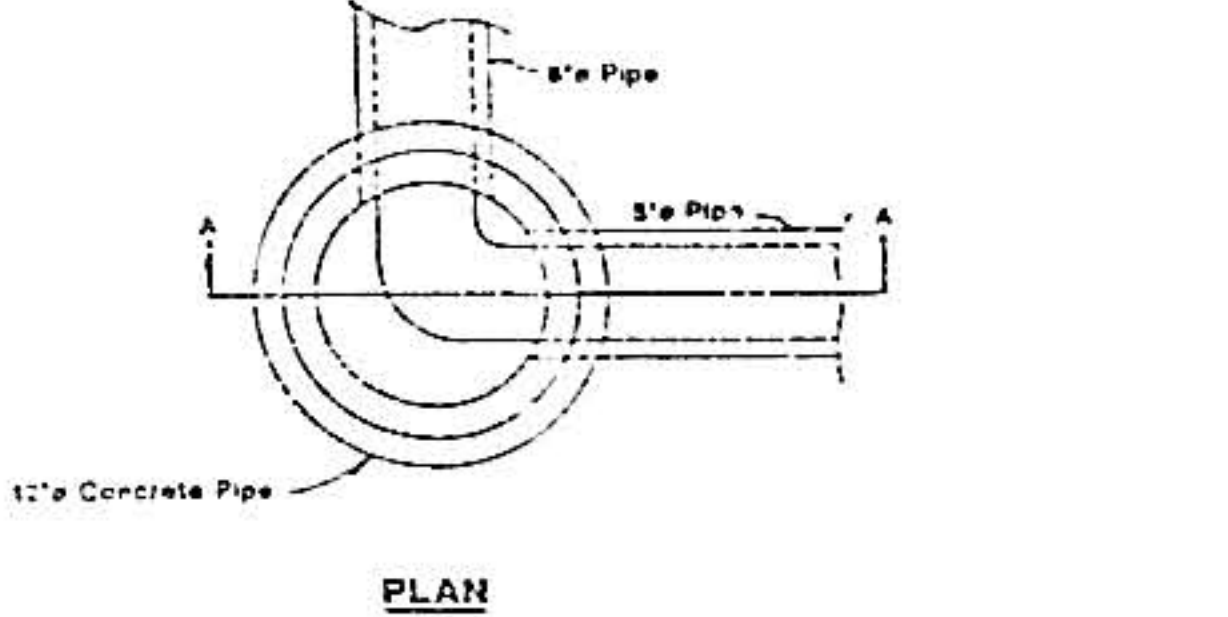
Typical Cleanout Detail 14



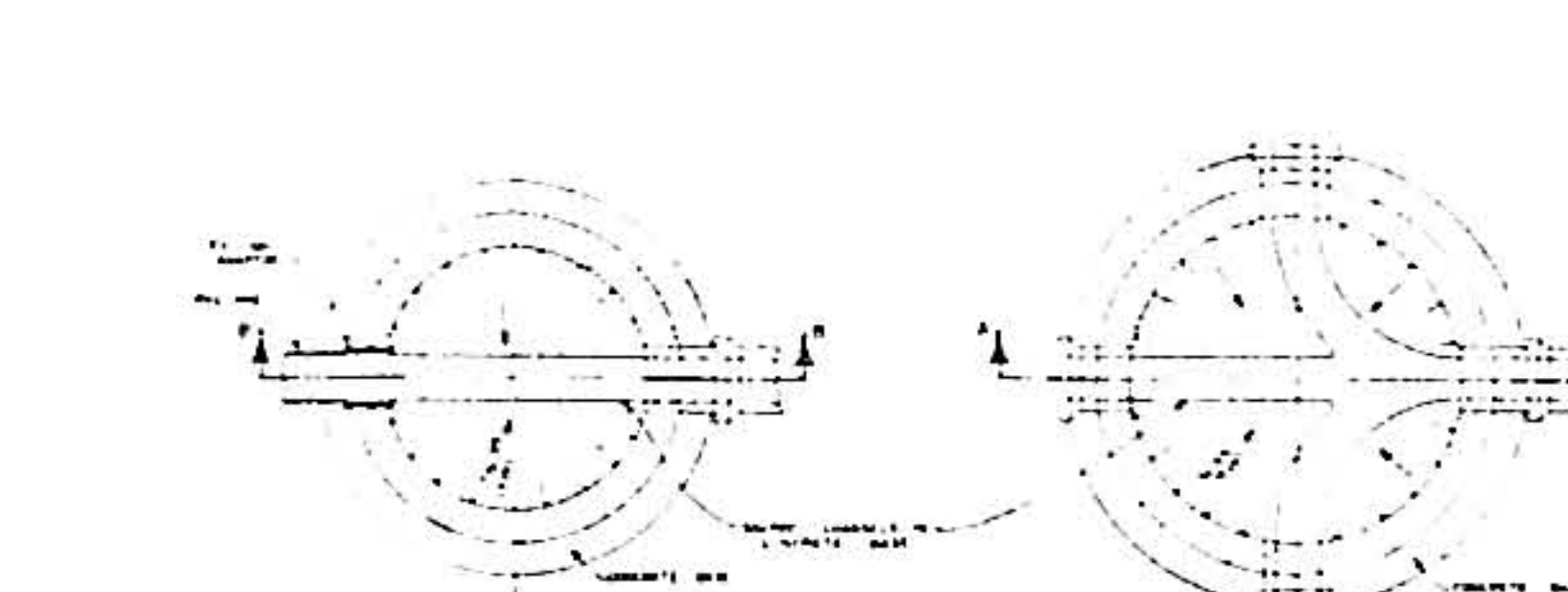
Typical Catch Basin (in curb and gutter) 15



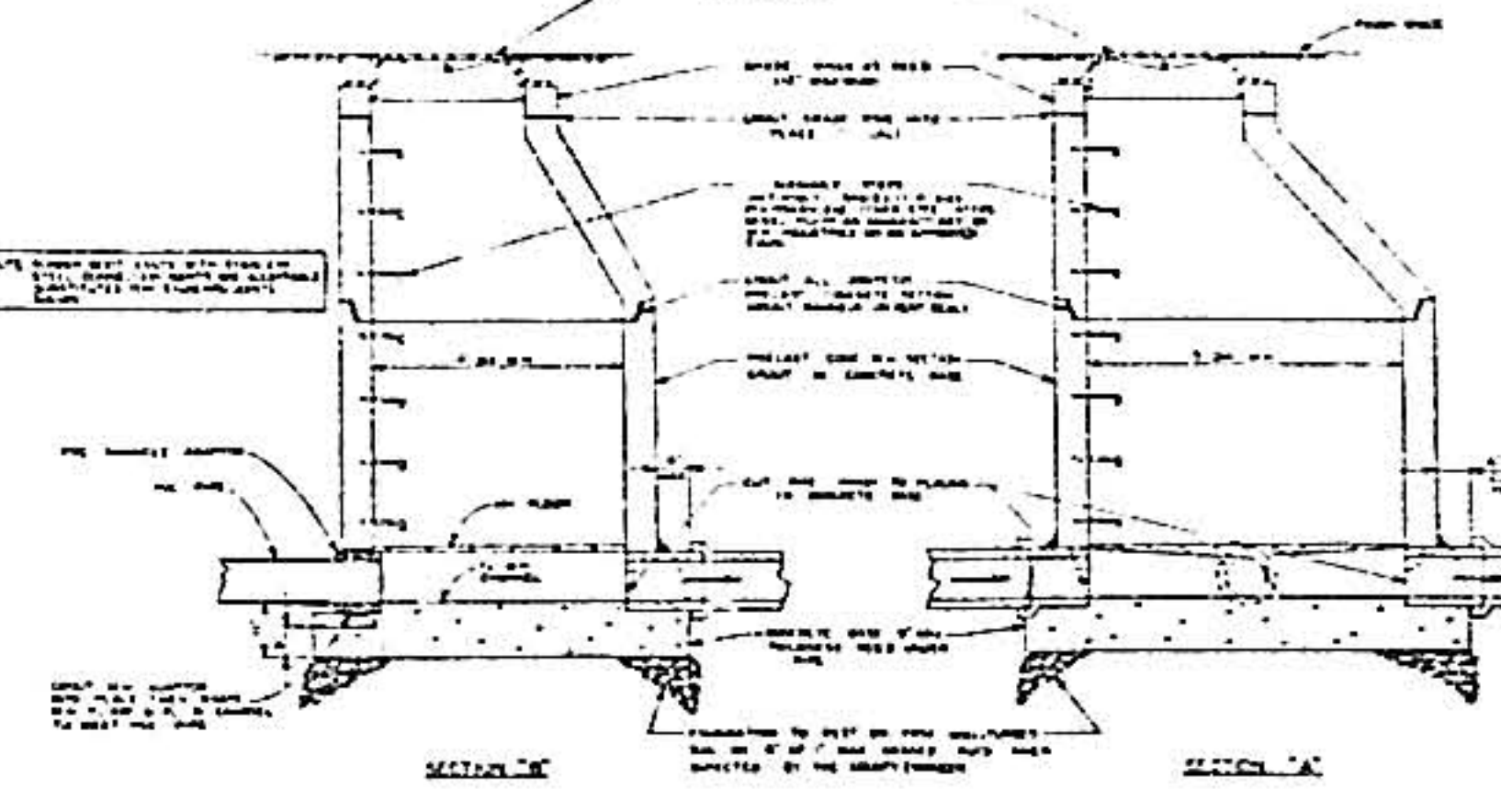
TYPICAL CROSSWALK DETAIL 16



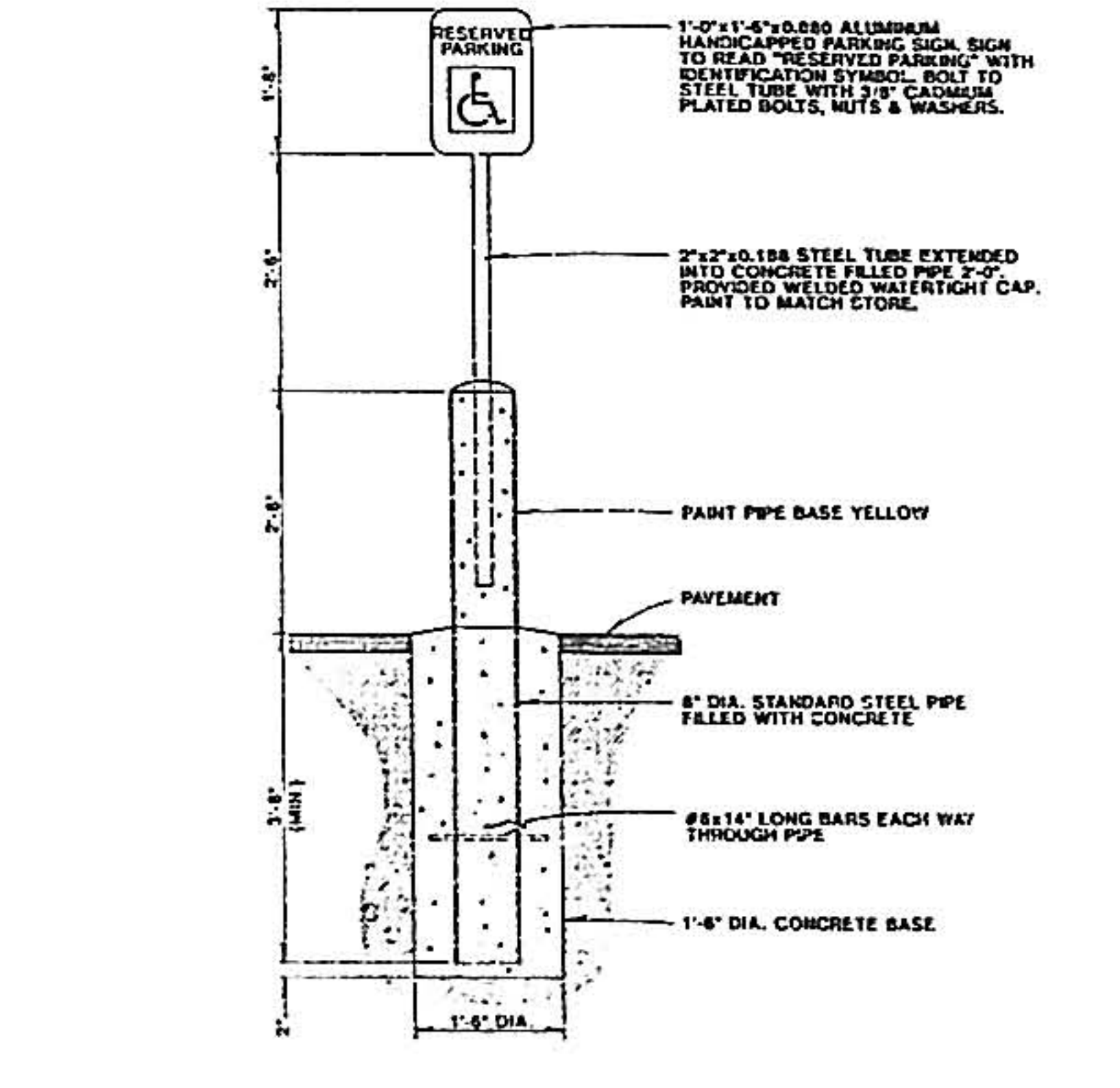
Typical Cleanout Installation 13



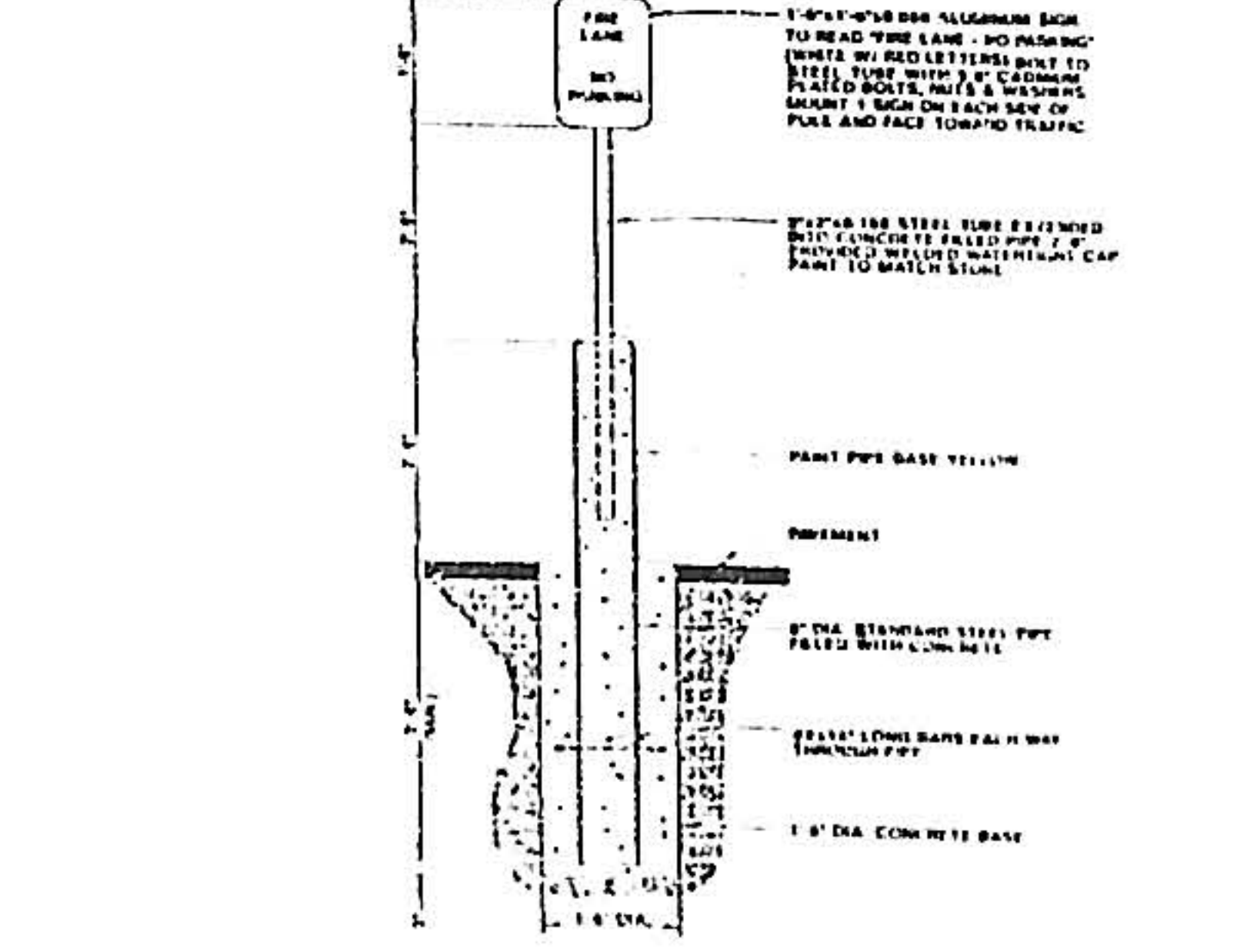
Typical Trench Section 12



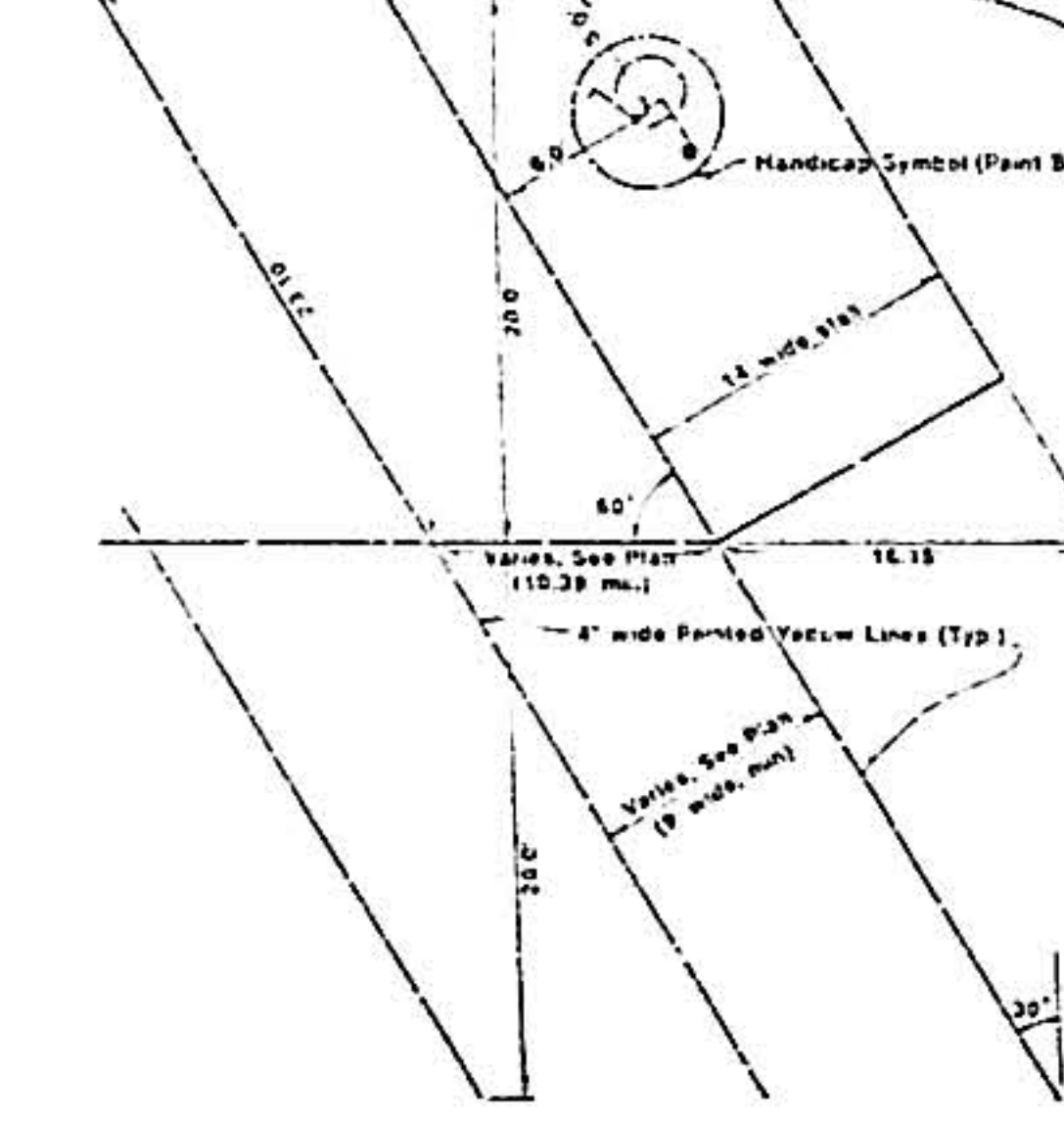
Typical Manhole Detail 11



Typical Handicapped Parking 10



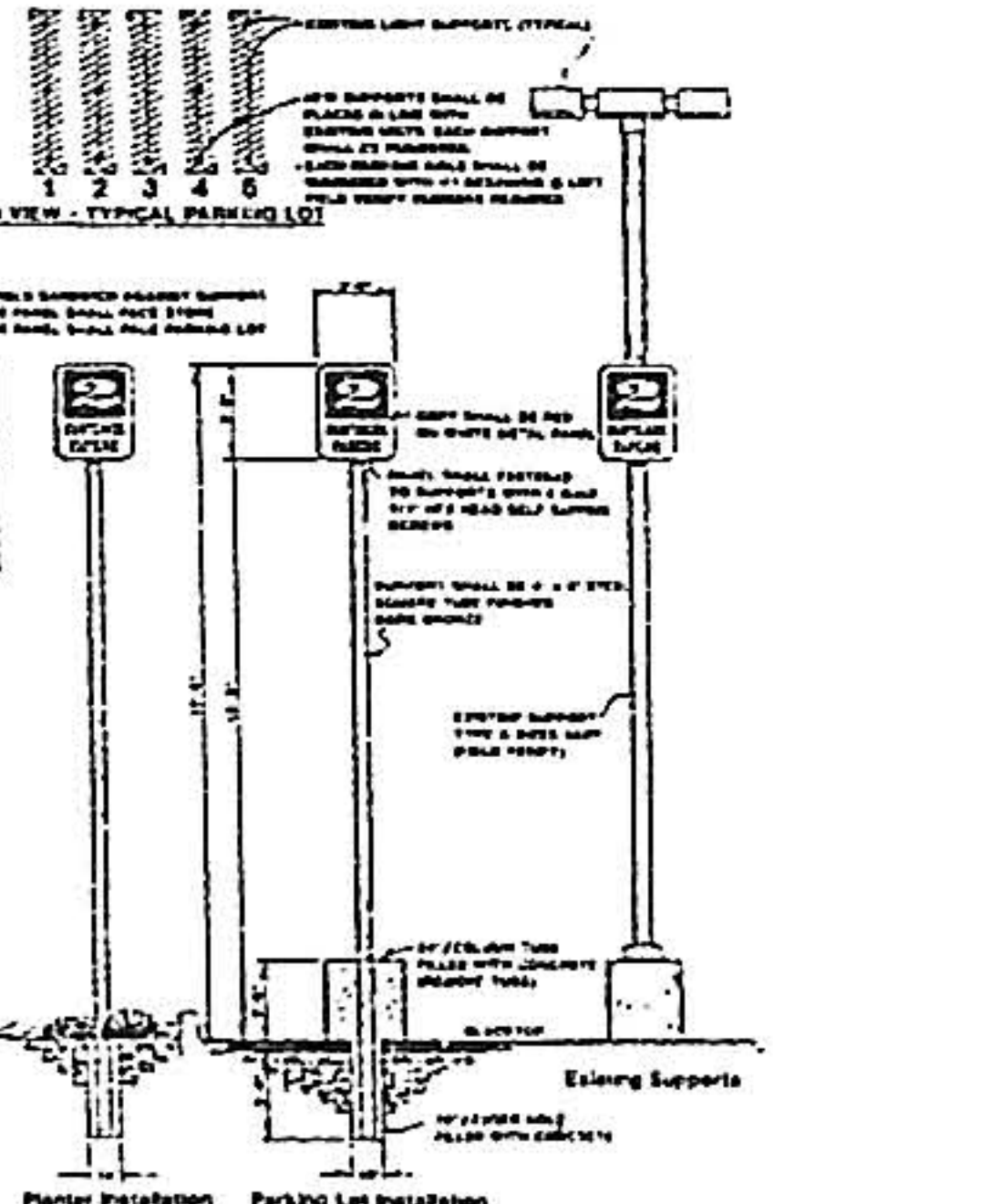
Typical Fire Lane Sign 9



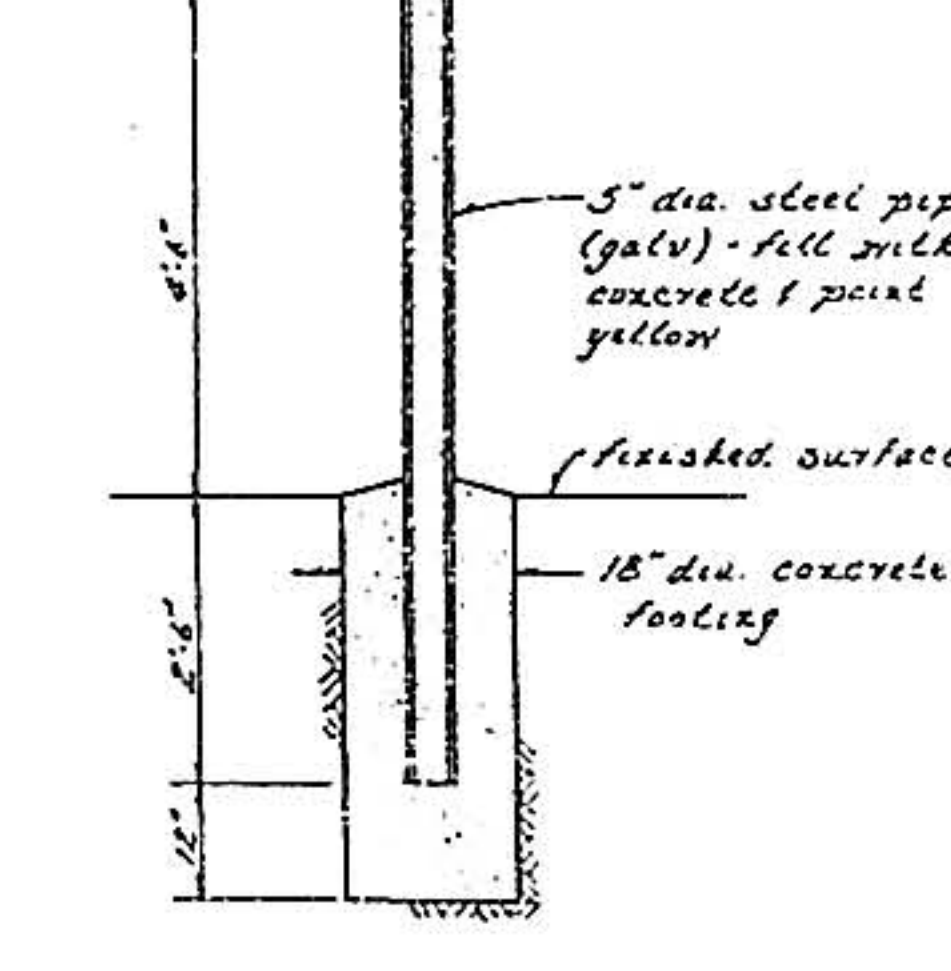
Typical Painted Parking Stall Detail 5



Typical Symbols 7



Typical Aisle Number Signs 8

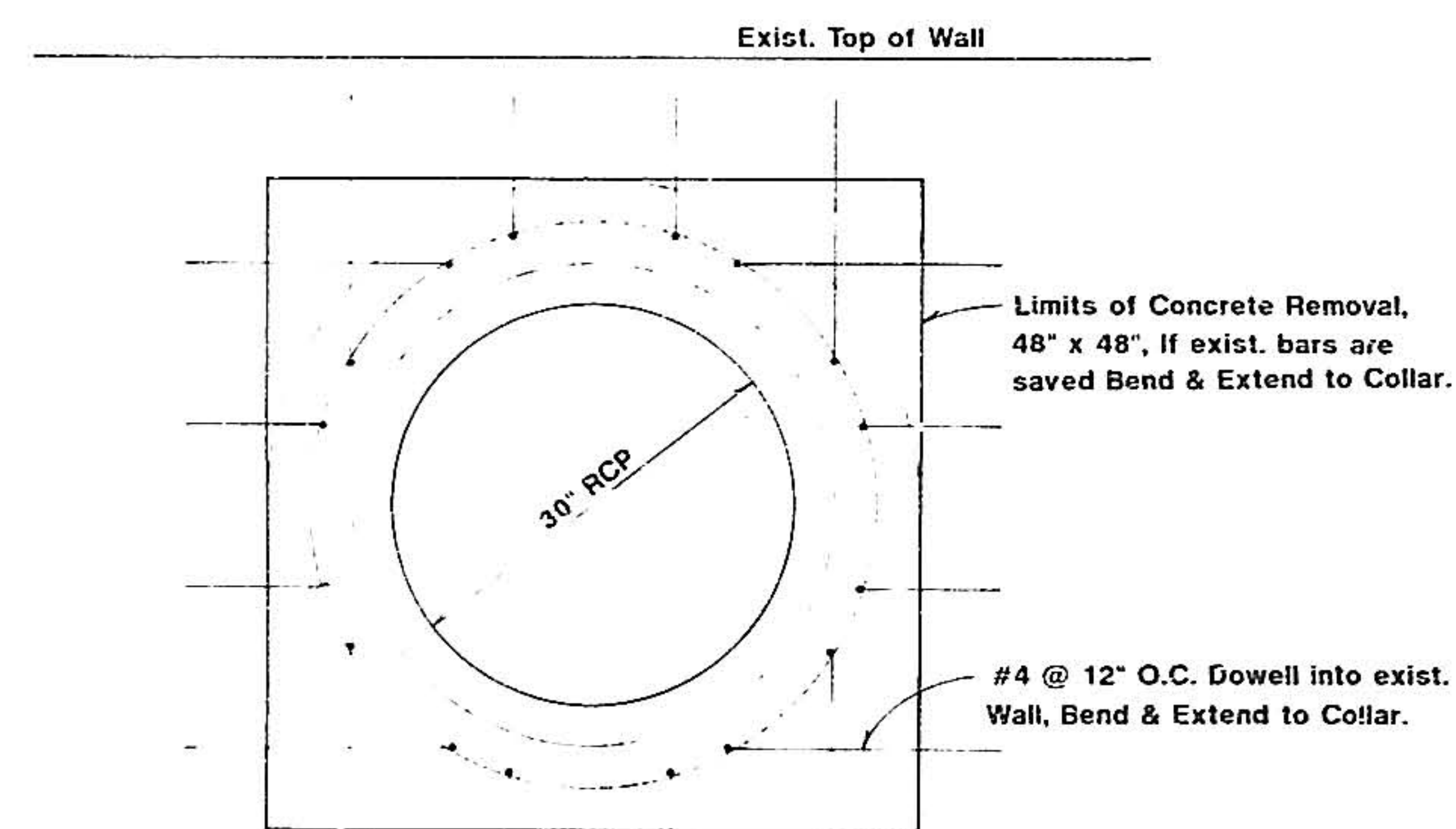


Typical Bollard Detail 4

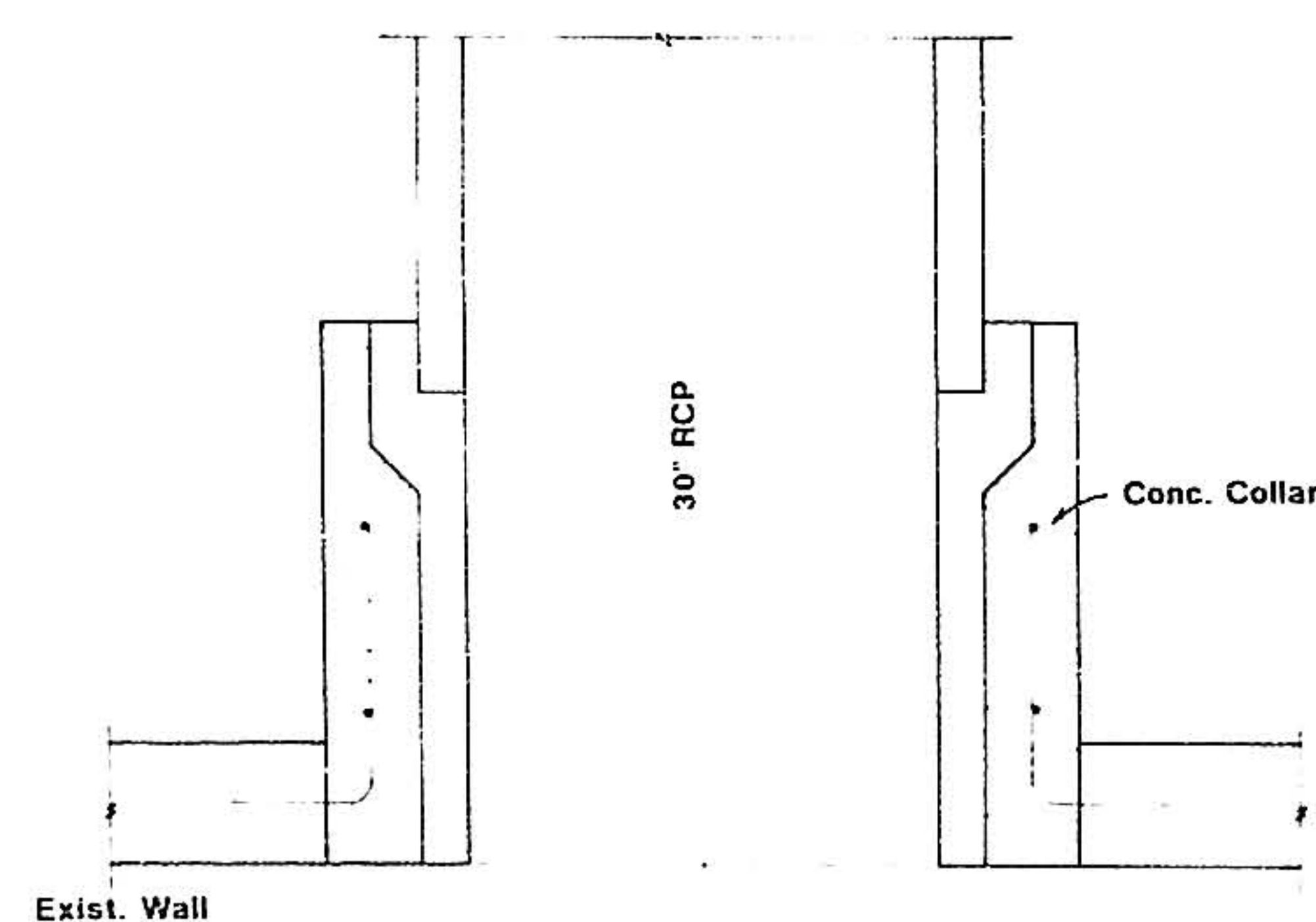
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
DATE	BY	STATION	2-122, Located at the intersection of Central Avenue and Broadway Boulevard on the West Center Median, 10' 12" West and 5' 5" North of Intersection. Station is a Std. ACS Brass 'Inlet' connected in a drill hole on top of concrete curb and stamped 2-122 19. J.A.C.	NO.	BY	DATE	NO.	DATE	BY	DATE	BY
10-28-91	MB	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91	10-28-91

Smith's #427
GREAT BASIN ENGINEERING, INC.
CORPORATE ENGINEERS AND SURVEYORS
OGDEN AND SALT LAKE CITY, UTAH

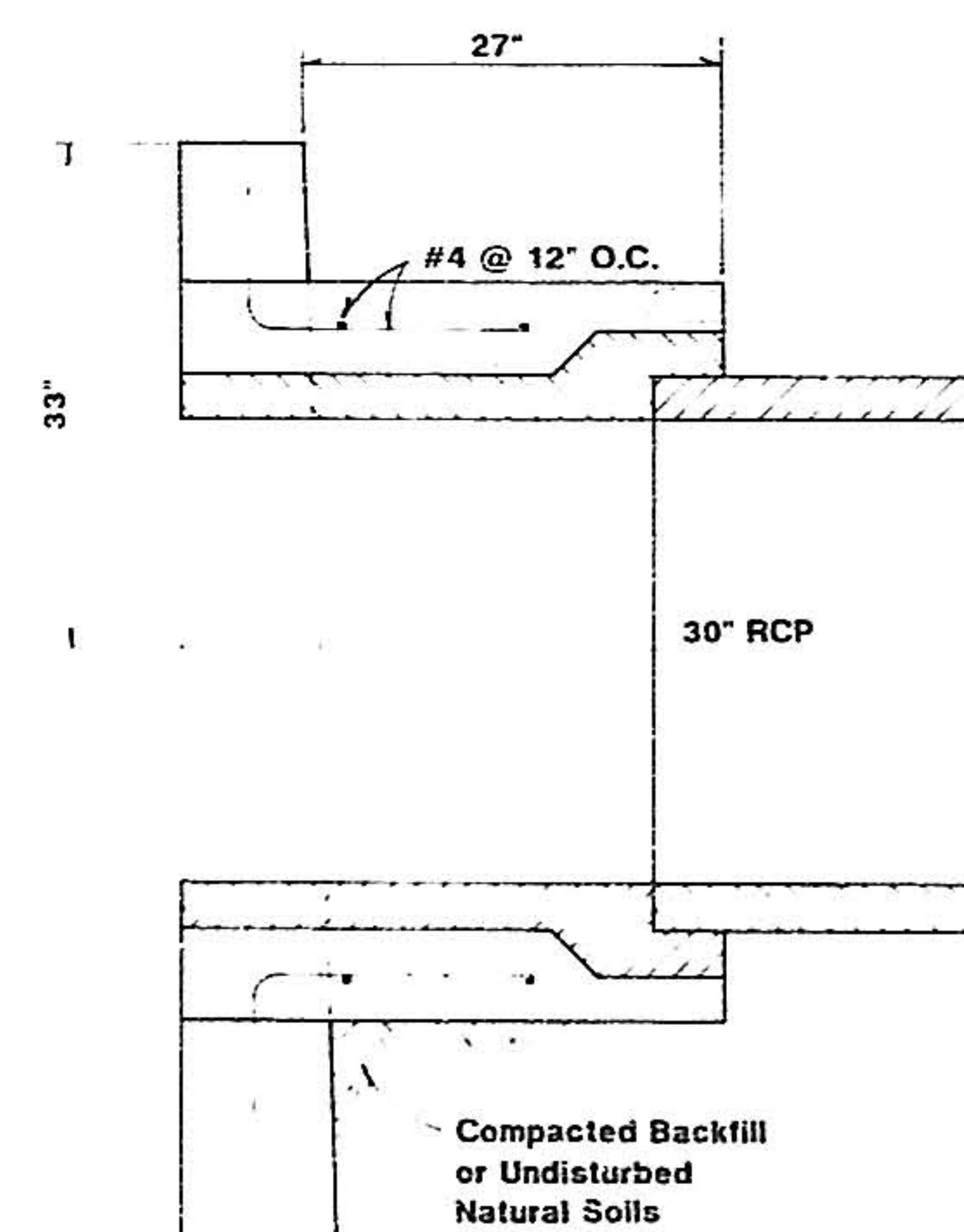
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
Smith's Food & Drug Centers Inc., Store #427 Details					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. M. H. HARRIS	11-15-91	11-15-91	DR. M. H. HARRIS	11-15-91	11-15-91
DR. M. H. HARRIS	11-15-91	11-15-91	DR. M. H. HARRIS	11-15-91	11-15-91
DR. M. H. HARRIS	11-15-91	11-15-91	DR. M. H. HARRIS	11-15-91	11-15-91
DRAWING NO.	4361-90	MAP NO.	L-23	SHEET	6 OF 8



Section



Top View



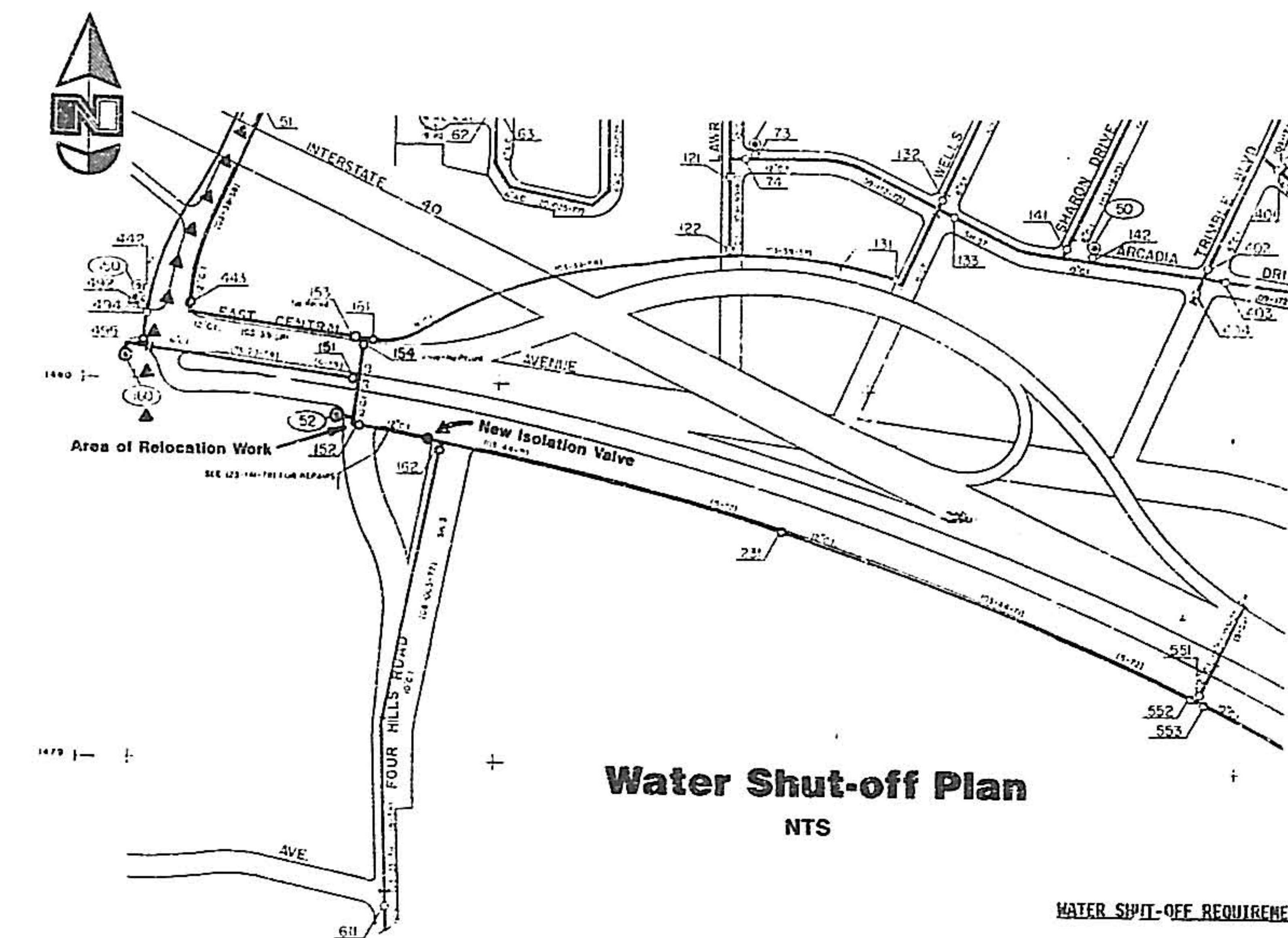
Section

Storm Sewer - Channel Connection

Scale 1" = 1'

(C.W.O.)

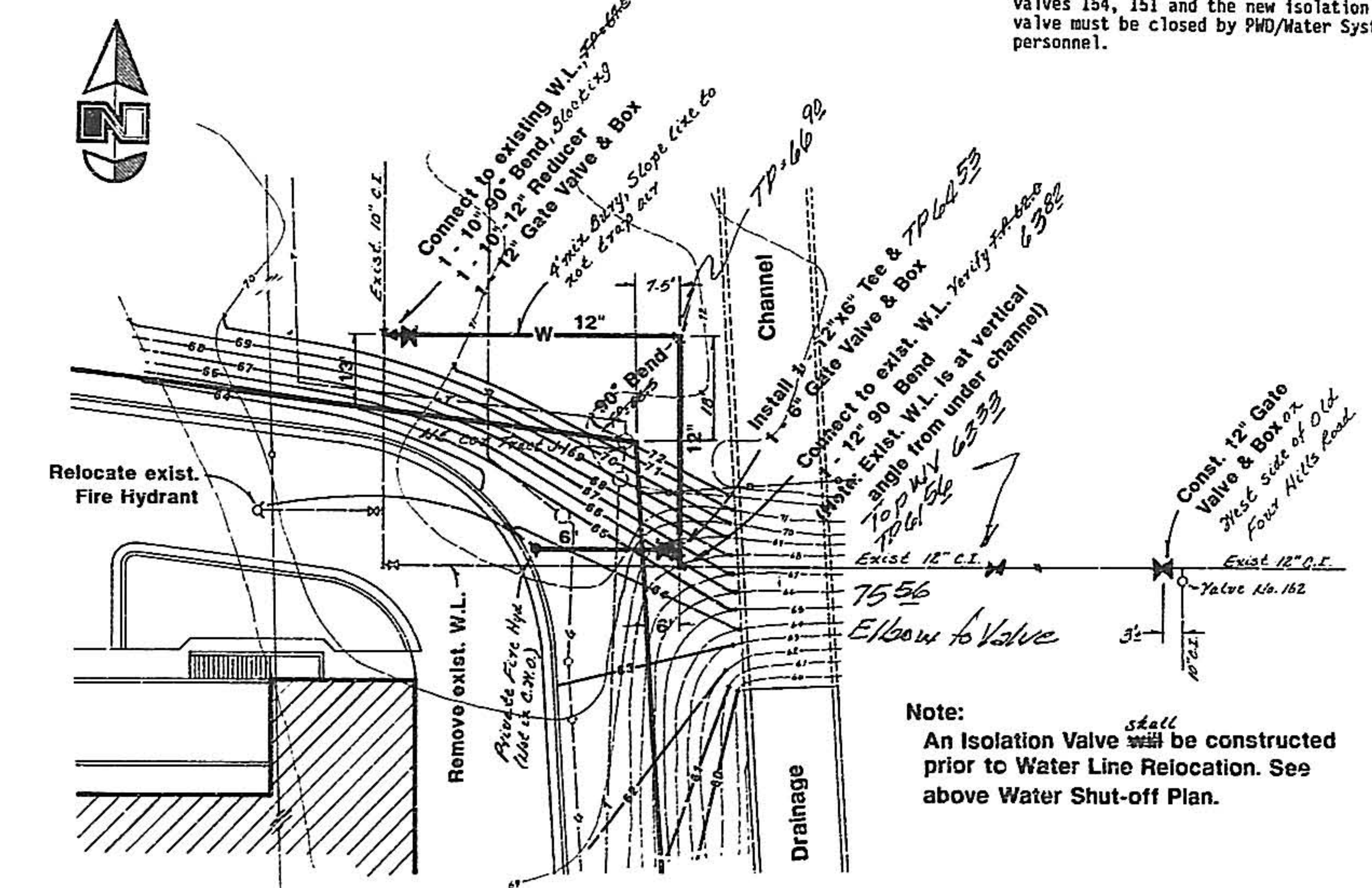
2



Water Shut-off Plan NTS

WATER SHUT-OFF REQUIREMENTS

- CONTRACTOR shall be responsible for timing and coordination of the Water Shut-Off requirements in conjunction with completion of this project.
- At least THREE (3) working days prior to construction, CONTRACTOR shall contact PWD/Water Systems Division (827-8200) to initiate implementation of this Water Shut-Off Plan.
- To complete the non-pressure connection shown, an isolation valve will need to be installed, existing valves 152, 162 and 231 on the above map must be closed by PWD/Water Systems personnel for the installation of the isolation valve.
- After completion of the isolation valve construction and to complete the non-pressure water line relocation, existing valves 154, 151 and the new isolation valve must be closed by PWD/Water Systems personnel.



Water Line Relocation Plan

1" = 20' (C.W.O.)

RECORD DRAWING

I, Harry K. Work, a registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the "As Built" information shown hereon was obtained by me or under my direct supervision and that said information is true and correct to the best of my knowledge and belief.

HARRY K. WORK, NPLS #7476
DATE July 13, 1993

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE			NO.	DATE	NO.	DATE
CONTRACTOR: Webb Construction	DATE: 10/25/91	STATION 2122, Located at the intersection of Central Avenue and Tramway Boulevard on the West Center Median, 101.5' West and 5.5' North of intersection. Station is a Sid. ACS Brass. Tablet cemented in a drill hole on top of concrete curb and stamped "2122 1975 ACS". Elevation = 5658.993.	DATE: 10/25/91	NO.	DATE			DESIGNED BY: MB, KR	DATE: 10-25-91	NO.	DATE
DRAWN BY: KR, BP, CO	DATE: 10-25-91							CHECKED BY: MB, KR	DATE: 10-25-91		

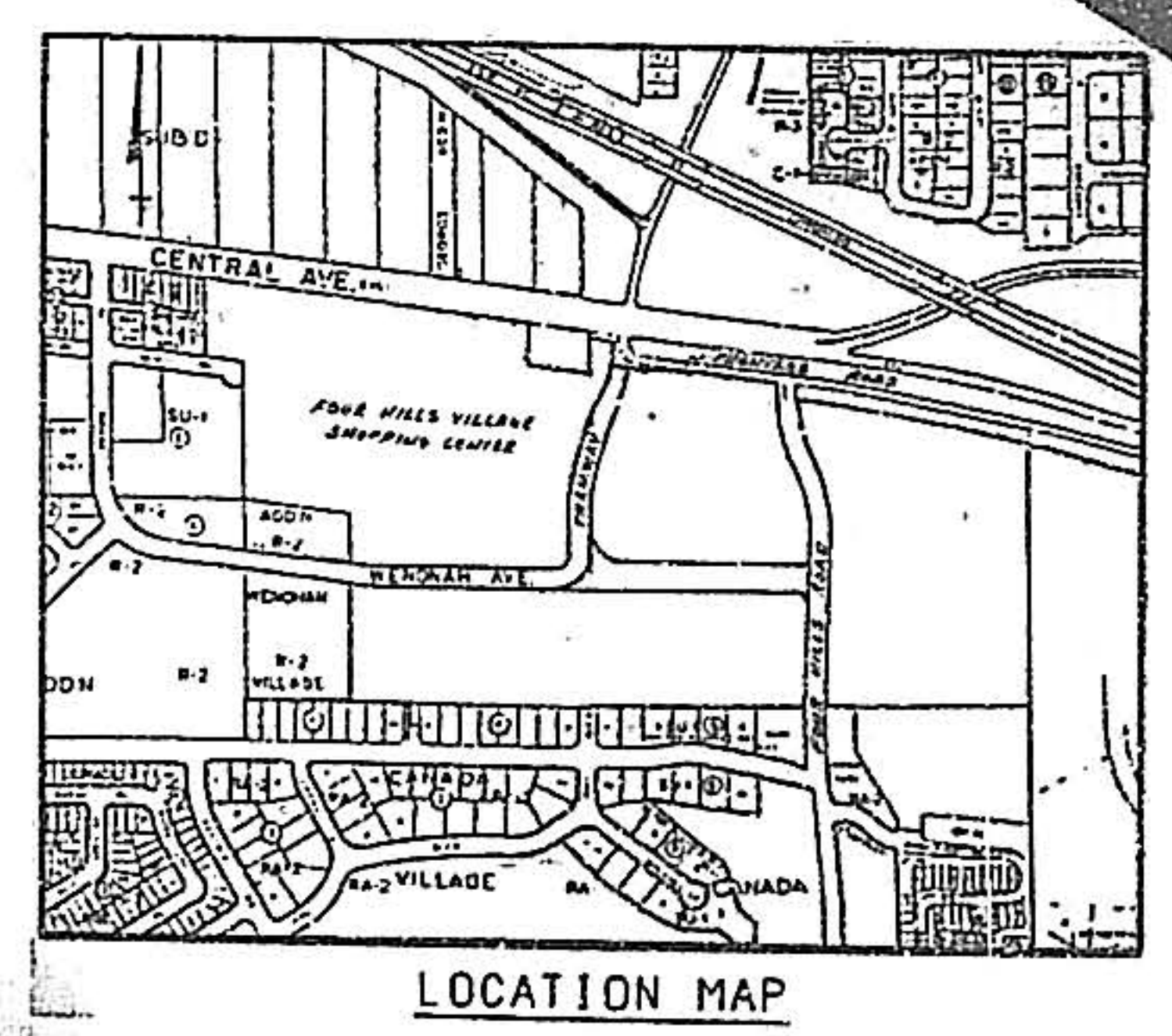
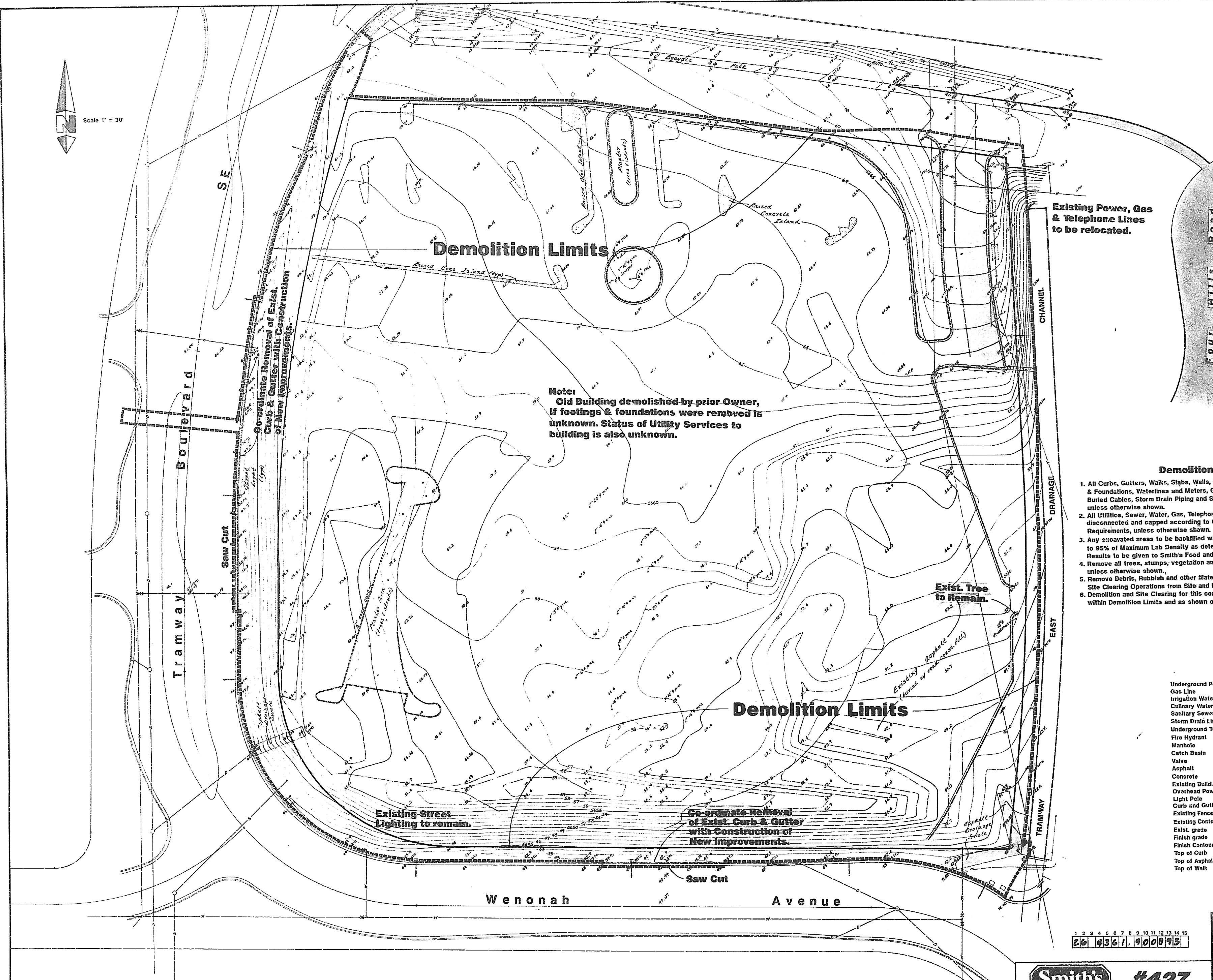
Smith's #427

GREAT BASIN ENGINEERING, INC.

CONSULTING ENGINEERS AND SURVEYORS

OGDEN and SALT LAKE CITY, UTAH

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
Smith's Food & Drug Centers Inc., Store #427					
Details					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAMBERS	11-15-91	WATER	11-15-91		
TH. BISHOP	11-15-91	WATER	11-15-91		
MY. HOLLAND	11-15-91	WATER	11-15-91		
DRAWING NO.	4361.90	MAP NO.	L-23	SHEET	7 OF 8



Note:
Old Building demolished by prior Owner,
If footings & foundations were removed is
unknown. Status of Utility Services to
building is also unknown.

Existing Power, Gas
& Telephone Lines
to be relocated.

Demolition Notes

1. All Curbs, Gutters, Walks, Slabs, Walls, Fences, Flatwork, Asphalt, Footings, & Foundations, Waterlines and Meters, Gas Lines, Sewer Lines, Light Poles, Buried Cables, Storm Drain Piping and Structures to be cleared from Site, unless otherwise shown.
2. All Utilities, Sewer, Water, Gas, Telephone and Electrical Services to be disconnected and capped according to City, County and Utility Company Requirements, unless otherwise shown.
3. Any excavated areas to be backfilled with Clean Granular Material compacted to 95% of Maximum Lab Density as determined by ASTM D-1557-78. (Test Results to be given to Smith's Food and Drug Centers, Inc.).
4. Remove all trees, stumps, vegetation and major root systems from Site, unless otherwise shown.
5. Remove Debris, Rubbish and other Materials resulting from the Demolition and Site Clearing Operations from Site and Dispose of in a Legal Manner.
6. Demolition and Site Clearing for this contract are to include all areas shown within Demolition Limits and as shown on Street Improvement Drawings.

Legend

Underground Power Conduit	—P—
Gas Line	—G—
Irrigation Water Line	—I—
Culinary Water Line	—C—
Sanitary Sewer Line	—S—
Storm Drain Line	—SD—
Underground Telephone Conduit	—T—
Fire Hydrant	—H—
Manhole	—O—
Catch Basin	—CB—
Valve	—V—
Asphalt	—A—
Concrete	—C—
Existing Building	—B—
Overhead Power Lines	—OL—
Light Pole	—LP—
Curb and Gutter	—CG—
Existing Fence	—F—
Existing Contour	—E—
Exist. grade	—G—
Finish grade	—FG—
Finish Contour	—FC—
Top of Curb	—TC—
Top of Asphalt	—TA—
Top of Walk	—TW—

ENGINEER'S SEAL		AS-BUILT INFORMATION	
[Seal]		CONTRACTOR: <i>Wade Construction</i>	
[Seal]		DATE: <i>11-15-91</i>	
[Seal]		DESIGNED BY: <i>W.E.C.</i>	
[Seal]		DATE: <i>11-15-91</i>	
[Seal]		CHECKED BY: <i>W.E.C.</i>	
[Seal]		DATE: <i>11-15-91</i>	
[Seal]		RECORDED BY: <i>W.E.C.</i>	
[Seal]		DATE: <i>11-15-91</i>	
[Seal]		ELEVATION: <i>5159.863</i>	
[Seal]		MICRO-FILM INFORMATION	
[Seal]		DATE: <i>11-15-91</i>	
[Seal]		RECORDED BY: <i>W.E.C.</i>	
[Seal]		DATE: <i>11-15-91</i>	

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GREAT BASIN ENGINEERING, INC.
CONSULTING ENGINEERS & SURVEYORS
ODDEN & SALT LAKE CITY, UTAH

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
Smith's Food & Drug Centers Inc., Store #427 Demolition Plan & Topog. Map			
APPROVALS	ENGINEER	DATE	APPROVALS
DR. H. H. H.	<i>W.E.C.</i>	<i>11-15-91</i>	<i>W.E.C.</i>
THANKS TO	<i>W.E.C.</i>	<i>11-15-91</i>	<i>W.E.C.</i>
HYDRA-JET	<i>W.E.C.</i>	<i>11-15-91</i>	<i>W.E.C.</i>
DRAWING NO.	4361.90	MAP NO.	L-23
SHEET	8	OF	8