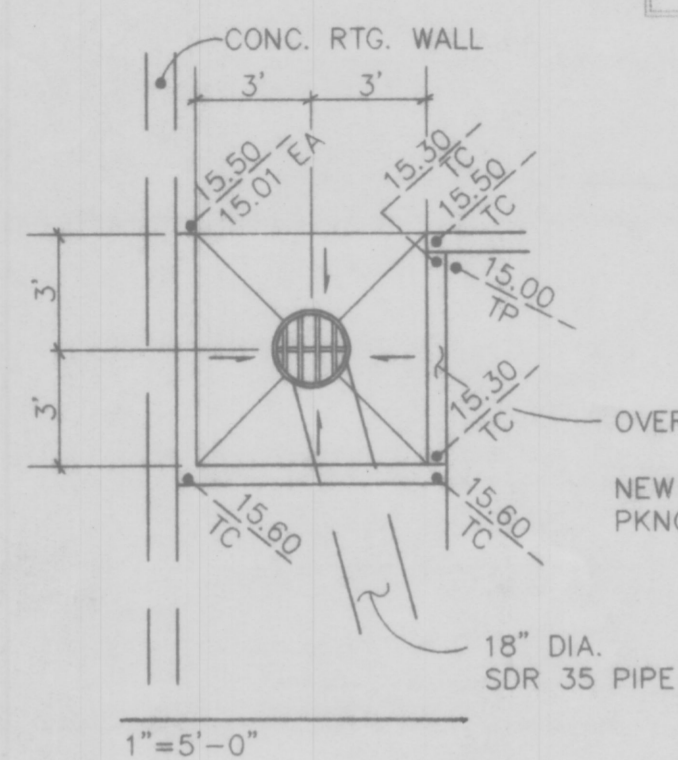


- LEGEND
- 12 EXISTING CONTOUR
  - 74 PROPOSED CONTOUR
  - T.P. TOP OF PAVEMENT
  - T.W. TOP OF SIDEWALK
  - E.A. EDGE OF ASPHALT
  - F.G. FINISHED GRADE
  - TC TOP OF CURB
  - DIRECTIONAL FLOW ARROW



TRACT H-7-B  
LA REINA DE LOS ALTOS  
UNIT 2  
FILED-JUNE 28, 1978  
VOLUME C13 FOLIO 138

NOTE:  
BUILDING AND PARKING LAYOUT ARE PARALLEL AND PERPENDICULAR TO THE SIDE PROPERTY LINES. ALL DIMENSIONS ARE TO BE TAKEN FROM THE SOUTHEAST CORNER OF THE PROPERTY.

15' Water Utility Easement  
Per Plat Filed-June 28, 1978  
Volume C13 Folio 138

NEW UNDERGROUND GAS SERVICE  
CONNECT TO MAIN

Albuquerque City Survey Monument "11-021"  
7 = 1,437.273.76  
X = 418.125.67  
Elevation = 5570.08  
Circle Alpha = .0009727  
Ground to grid factor = 0.9996413

DOUBLE CELL (2'-0" EA) SIDEWALK CULVERT  
AS PER C.O.A. STD. DWG 2236  
REMOVE AND REPLACE P.C.C. SIDEWALK  
AND C&G AS NECESSARY

CANDELARIA BOULEVARD N.E.

TRACT H-3-A  
LA REINA DE LOS ALTOS  
UNIT 2  
FILED-JUNE 28, 1978  
VOLUME C13 FOLIO 138

AutoZone  
BUILDING AREA = 6600 SQ. FT.  
FINISHED FLOOR ELEV. 5617.0'

TRACT H-7-C-1  
0.5904 AC

TRACT H-7-C-2  
0.2788 AC

# GENERAL NOTES

- LEGAL DESCRIPTION: A PARCEL OF LAND COMPRISING TRACTS H-7-C-1 AND H-7-C-2, LA REINA DE LOS ALTOS UNIT 2, OCTOBER 8, 1986, VOLUME C31, FOLIO 160.
- BENCHMARK: ACS "11-021" HAVING AN ELEVATION OF 5570.08 FEET (SLD 1929).
- TEMPORARY BENCHMARK: 3/8" RBR WITH CAP. L.S. 7245 AT SITE SOUTHEAST CORNER ALONG CANDELARIA BLVD. RIGHT-OF-WAY. T.B.M. = 5612.09
- SITE SURVEYS: TOPOGRAPHICAL AND BOUNDARY SURVEYS BY SURV-TEK, INC. (NMP5 NO. 9750) AUGUST 18, 1994.
- FLOOD HAZARD STATEMENT: SITE IS NOT WITHIN AN ESTABLISHED FLOOD HAZARD AREA AS SHOWN ON FEMA PANEL NO. 350002-0025-C, ZONE C, PANEL 25 OF 50.
- WATERSHED SOILS: FROM THE SCC SOIL SURVEY OF BERNALILLO COUNTY, SITE CONSISTS OF EMBUDO-TIJERAS (E-C), AND IS CLASSIFIED AS BEING IN HYDROLOGICAL SOIL GROUP "B".
- EROSION CONTROL: CONTRACTOR SHALL INSURE THAT SEDIMENT GENERATED FROM ONSITE CONSTRUCTION OPERATIONS REMAINS ONSITE BY MAINTAINING AN EARTHEN BERM ALONG THE SOUTH PROPERTY LINE, OR OTHER PROVEN SEDIMENT CONTROL MEASURES.

EXISTING CONDITIONS: THIS IN-FILL SITE WAS PREVIOUSLY GRADED AS PART OF THE ADJACENT COMMERCIAL COMPLEX. THE BARREN GROUND SURFACE IS COMPACTED AS IT IS USED AS AN OVERFLOW PARKING AREA. SITE ACCEPTS SHEETFLOW PARKING LOT RUNOFF FROM THE NORTH. TO THE EAST IS AN ASPHALT ACCESSWAY WITH A CENTER SWALE WHICH CONVEYS STORM WATERS SOUTHERLY TO CANDELARIA BLVD. ALL ONSITE STORM WATER FLOWS SHEETFLOW SOUTHWESTERLY TO THE PAVING OF CANDELARIA BLVD.

EXISTING HYDROLOGICAL DATA:  
PRECIPITATION ZONE: 4  
LAND TREATMENT: C

$$Q100 = (0.8692 AC)(3.73 CFS/AC) = 3.2 CFS$$

$$V100 = (1.46 IN)(0.8692 AC)(1 FT/12 IN)(43,560 SF/AC) = 4,607 CF$$

PROPOSED CONDITIONS: THE 6,600 SQ. FT. COMMERCIAL STORE AND THE ACCOMPANYING PARKING (25,580 SF) AND LANDSCAPE AREA (5,680 SF) SHALL UTILIZE THE ENTIRE SITE. THE SITE WILL NOT ACCEPT ANY OVERLAND STORM WATER RUNOFF. OFFSITE FLOWS FROM THE NORTH ARE ACCEPTED BY A PRIVATE STORM DRAIN INLET AT THE NORTHWEST CORNER AND PIPED (18" DIA.) ALONG THE WESTERLY PROPERTY LINE TO CANDELARIA BLVD. ALL ONSITE GENERATED STORM WATERS FROM THE IMPERVIOUS AREAS ARE ACCEPTED INTO THE PREVIOUSLY MENTIONED 18" DIA. PRIVATE STORM DRAIN. ROOF FLOWS ARE PIPED VIA A SERIES OF FOUR 6" DIA. ROOF DRAINS DIRECTLY INTO THE 18" DIA. STORM DRAIN. STORM WATERS FROM THE PARKING AREAS ARE DIRECTED OVERLAND TO TWO 2' X 2' STORM DRAIN INLETS ALONG THE WESTERLY EDGE OF THE FRONT AND REAR PARKING AREAS.

PROPOSED HYDROLOGICAL CHARACTERISTICS:  
LAND TREATMENTS A = 5,680 SF (15%)  
D = 32,180 SF (85%)

$$Q100 = (0.13 AC)(2.20 CFS/AC) + (0.74 AC)(5.26 CFS/AC) = 4.2 CFS$$

$$WEIGHTED E = (0.80 IN)(5,680 SF) + (2.64 IN)(32,180 SF) = 37,860 SF$$

$$E = 2.36 IN$$

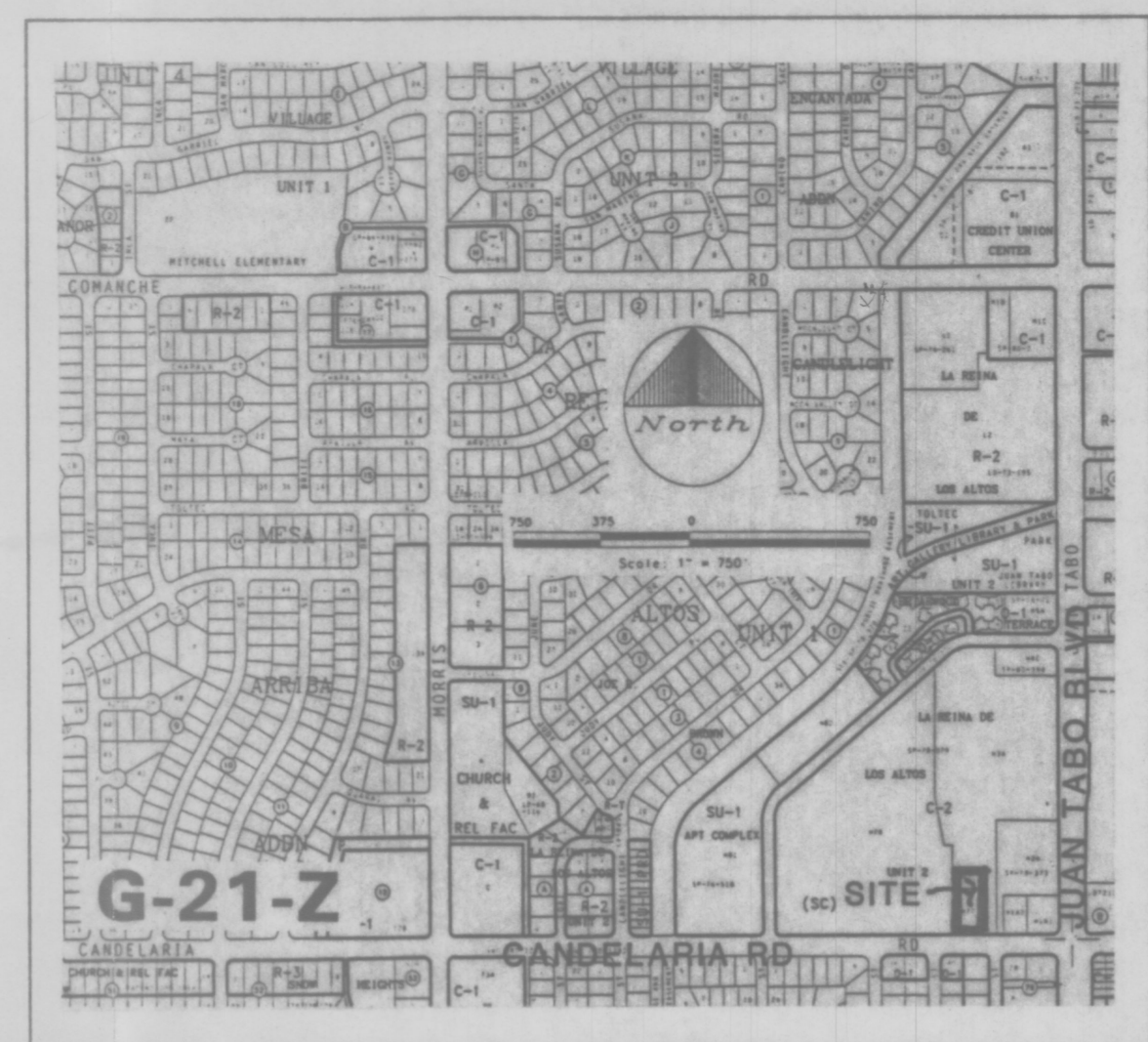
$$V100 = (2.36 IN)(37,860 SF)(1 FT/12 IN) = 7,458 CF$$

## KEYED CONSTRUCTION NOTES PRIVATE STORM DRAIN

- 1-24" DIA. CASE IRON GRATE  
1-24" DRAIN BASIN W/ SINGLE 18" OUTLET FOR SDR 35 PIPE
- 1-12" CAST IRON GRATE (HINGED)  
1-12" INLINE DRAIN WITH 8" ADAPTOR FOR SDR 35 PIPE  
1-18" x 8" TEE (INV.=5611.40)
- 18" x 6" TEE AT EACH ROOF DRAIN (6") DISCHARGE POINT
- 1-24" DIA. CAST IRON GRATE  
1-24" INLINE DRAIN  
1-18" x 18" TEE (SDR35) (INV.=5608.40)

ALL CAST IRON GRATES AND DRAIN BASINS ARE NYLOPLAST USA INC. OR APPROVED EQUAL. CONTACT JIN HEINTZ, ADS (FT. COLLINS, CO.) 1-800-733-7235

TEMPORARY BENCHMARK  
Fid 5/8" Rebar w/ Cap L.S. 7245  
Top of cap Elev. = 5612.09



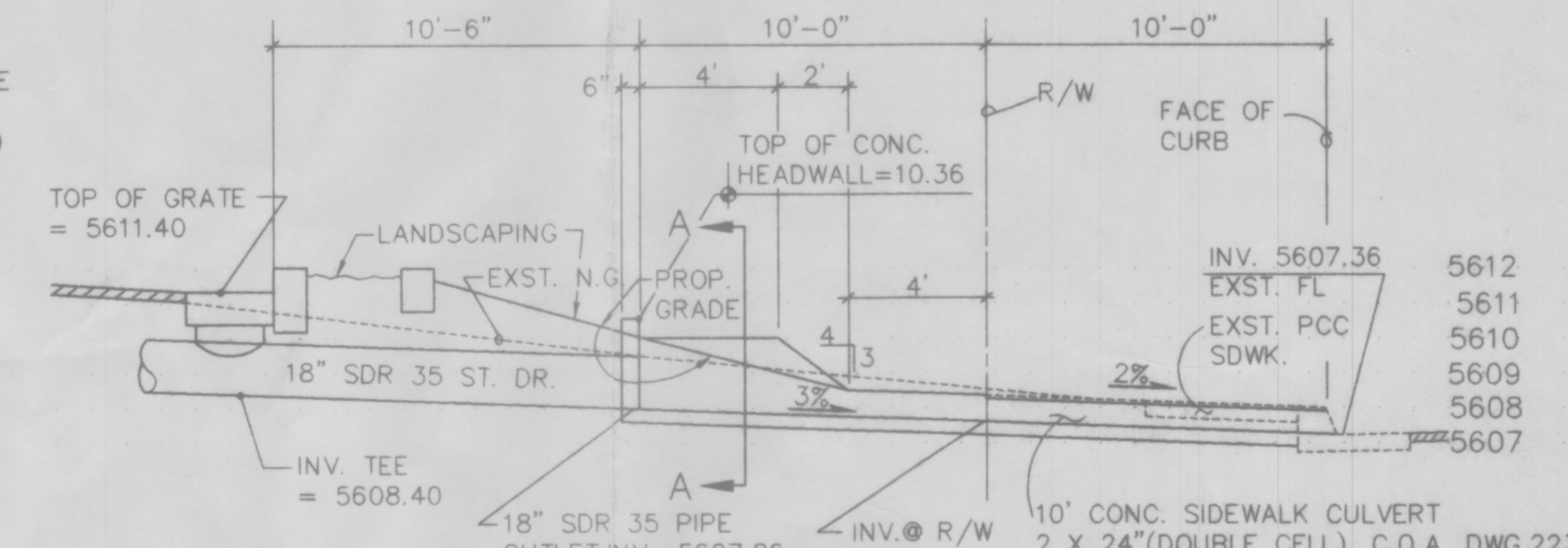
VICINITY MAP

SCALE: 1"=750'±

## PUBLIC R.O.W. CONSTRUCTION NOTES

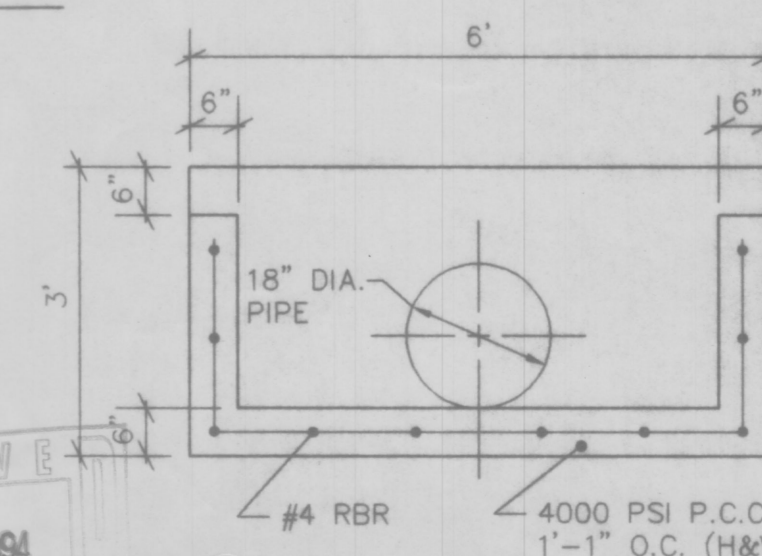
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1986".
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING LINES.
- 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 OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE (RESIDENTIAL).
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		
PERMIT NO.	MAP NO.	
	E-17	



STORM DRAIN OUTFALL STRUCTURE

1"=5'-0"



SECTION A-A

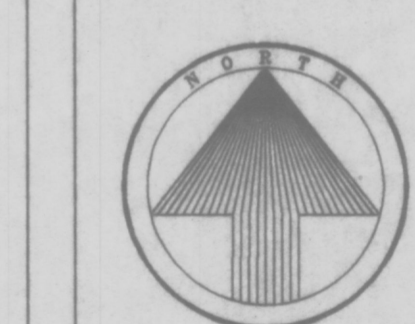
1"=2'-0"

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**AutoZone**  
DESIGN & CONSTRUCTION PHONE: (901) 325-4488  
3030 POPLAR AVENUE MEMPHIS, TENNESSEE 38111 FAX: (901) 325-4583



PROJECT NO: #2523  
PROJECT ADDRESS:  
11205 CANDELARIA BOULEVARD N.E.  
ALBUQUERQUE, NEW MEXICO 87111  
SHEET TITLE:  
UTILITY & GRADING PLAN



SCALE: 1"=20'-0"

## REVISIONS

- 9/7/93 (WD)
  - 9/15/93 (WD)
  - 12/1/93 (JCS)
  - 4/29/94 (MWH)
  - 
  - 
  -
- ARCHITECT: LE  
DRAFTSMAN: JCS  
CHECKED BY: LE  
DATE: 8/26/93  
6NL

C1.2