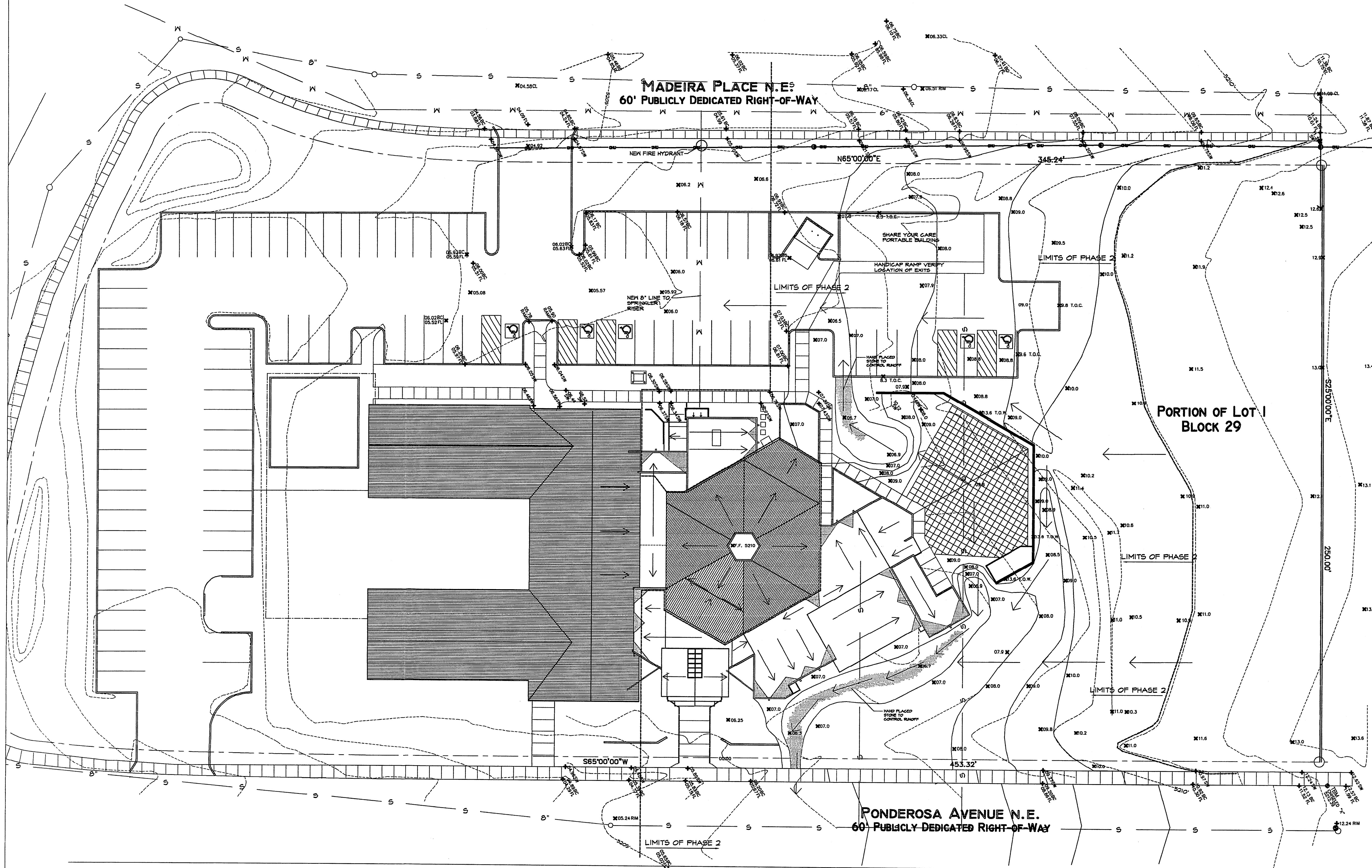




GRADING/DRAINAGE PLAN
 THE FOLLOWING ITEMS CONCERNING A PORTION OF LOT 1, BLOCK 29, ALAMONT ADDITION ARE CONTAINED HEREON:
 1. VICINITY MAP
 2. DRAINAGE CALCULATIONS

ANDERSON WAREHOUSE - LOTS 1 AND 2
 BUILDING AREA = 0.40 ACRES (17,524SF)
 LANDSCAPE AREA = 1.41 ACRES (61,190SF)
 PARKING/ASPHALT AREA = 0.72 ACRES (31,200SF)
 TOTAL SITE = 0.94 ACRES (40,914SF)

PRECIPITATION: 360 = 2.35 IN.
 1440 = 2.75 IN.
 100A = 3.45 IN.

EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A 0.53 IN.	1.56 CFS/AC.
TREATMENT B 0.75 IN.	2.28 CFS/AC.
TREATMENT C 1.13 IN.	3.14 CFS/AC.
TREATMENT D 2.12 IN.	4.70 CFS/AC.

EXISTING CONDITIONS:	PHASE 1 PROPOSED CONDITIONS:	PHASE 2 PROPOSED CONDITIONS:
AREA	AREA	AREA
TREATMENT A 0 AC.	0 AC.	16,942 SQ. FT.
TREATMENT B 0 AC.	0 AC.	8,686 SQ. FT.
TREATMENT C 0.1740 AC.	0.1740 AC.	0 SQ. FT.
TREATMENT D 0 AC.	0.0230 AC.	10,171 SQ. FT.

EXISTING EXCESS PRECIPITATION:
 WEIGHTED E = $[0.53 (0.00) + 0.75 (0.00) + 1.13 (0.1740) + 2.12 (0.00)] / 0.1740 \text{ AC.}$
 V100 -360 = 1.13 (0.1740) / 12 = 0.0164 ACFT. = 714 CFS

EXISTING PEAK DISCHARGE:
 $Q100 = 1.56 (0.00) + 2.28 (0.00) + 3.14 (0.1740) + 4.70 (0.00)$
 = 0.0546 CFS

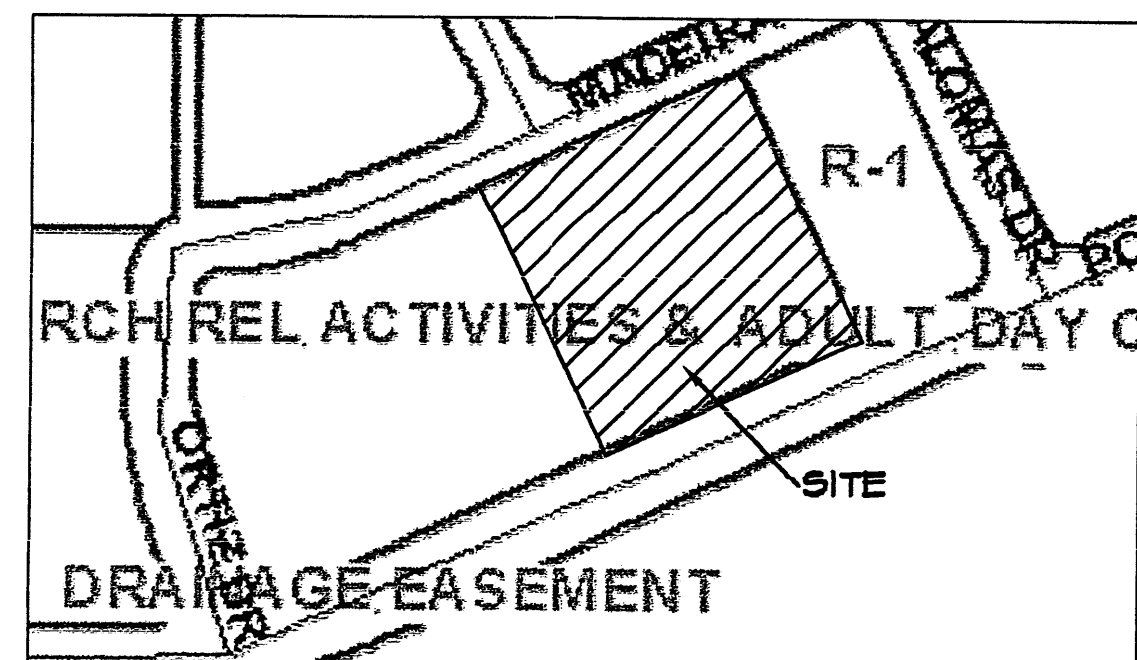
PROPOSED PEAK DISCHARGE CONDITIONS REMAIN THE SAME AS EXISTING PEAK DISCHARGE CONDITIONS DUE TO INCREASED ASPH. AND/OR ROOFING.

PROPOSED EXCESS PRECIPITATION:
 WEIGHTED E = $[0.53 (0.00) + 0.75 (0.00) + 1.13 (0.1510) + 2.12 (0.0230)] / 0.1740 \text{ AC.}$
 = 1.261 IN.

V100 -360 = $1.261 (0.1740) / 12 = 0.0183 \text{ ACFT} = 800 \text{ CFS}$
 V100 -1440 = $0.19 + 0.734 \times (2.75 - 2.35) / 12 = 0.0024 \text{ ACFT} = 206 \text{ CFS}$
 V100 -1440 = $0.19 + 0.734 \times (3.45 - 2.35) / 12 = 0.0636 \text{ ACFT} = 2711 \text{ CFS}$

BENCHMARK:
 THE BASIS OF ELEVATIONS IS ACS CHISELED BENCHMARK 24-J14, THE PUBLISHED ELEVATION OF WHICH IS 6212.30. SAID BENCHMARK IS LOCATED 488.32' NORTH-EAST OF THE CORNER OF ORTIZ AND PONDEROSA.

- EROSION CONTROL MEASURES**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION. HE/SHE SHALL ASSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
 - ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SHALES, AND OTHER TEMPORARY GRADINGS AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.
 - ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.



Q-13 VICINITY MAP

EXISTING CONDITIONS
 AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 3.04 ACRES AND IS LOCATED ON THE NORTHEAST CORNER OF ORTIZ AND PONDEROSA. THE SITE HAS BEEN GRADED TO DRAIN FROM EAST TO WEST. ACCORDING TO THE FLOOD INSURANCE RATE MAP (ALL ASPHALT), DATED SEPTEMBER 20, 1996, THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS
 AS SHOWN BY THE GRADING/DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A 5250SF ADDITION TO THE EXISTING CHURCH STRUCTURE ALONG WITH ASSOCIATED PAVED PARKING AND LANDSCAPED AREAS.

DOWN STREAM CONDITIONS
 FREE DISCHARGE TO DRAIN WEST ON PONDEROSA AND THEN TO SAN MATEO AND INTO THE HAHN ARROYO CHANNEL.

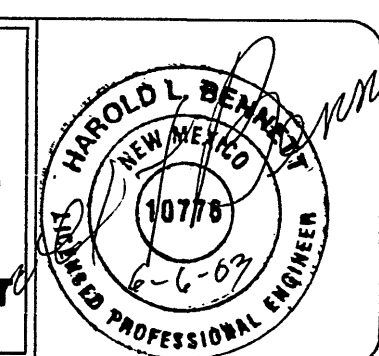
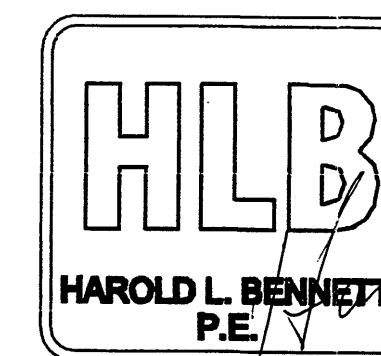
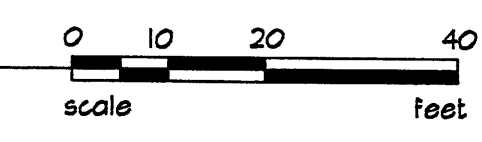
LEGAL:
 PORTION OF LOT 1, BLOCK 29
 ALAMONT ADDITION
 SECTION 1, T. 10N., R. 3E., N.M.P.M.
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 SEPT. 2001

STREET ADDRESS:
 5301 PONDEROSA NE

EXISTING CONTOURS IN PARENTHESIS.

PROPOSED CONTOURS

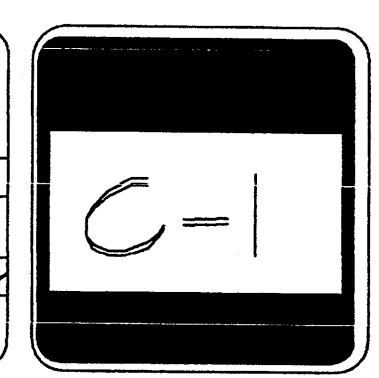
DRAINAGE & GRADING PLAN
 SCALE: 1" = 20'

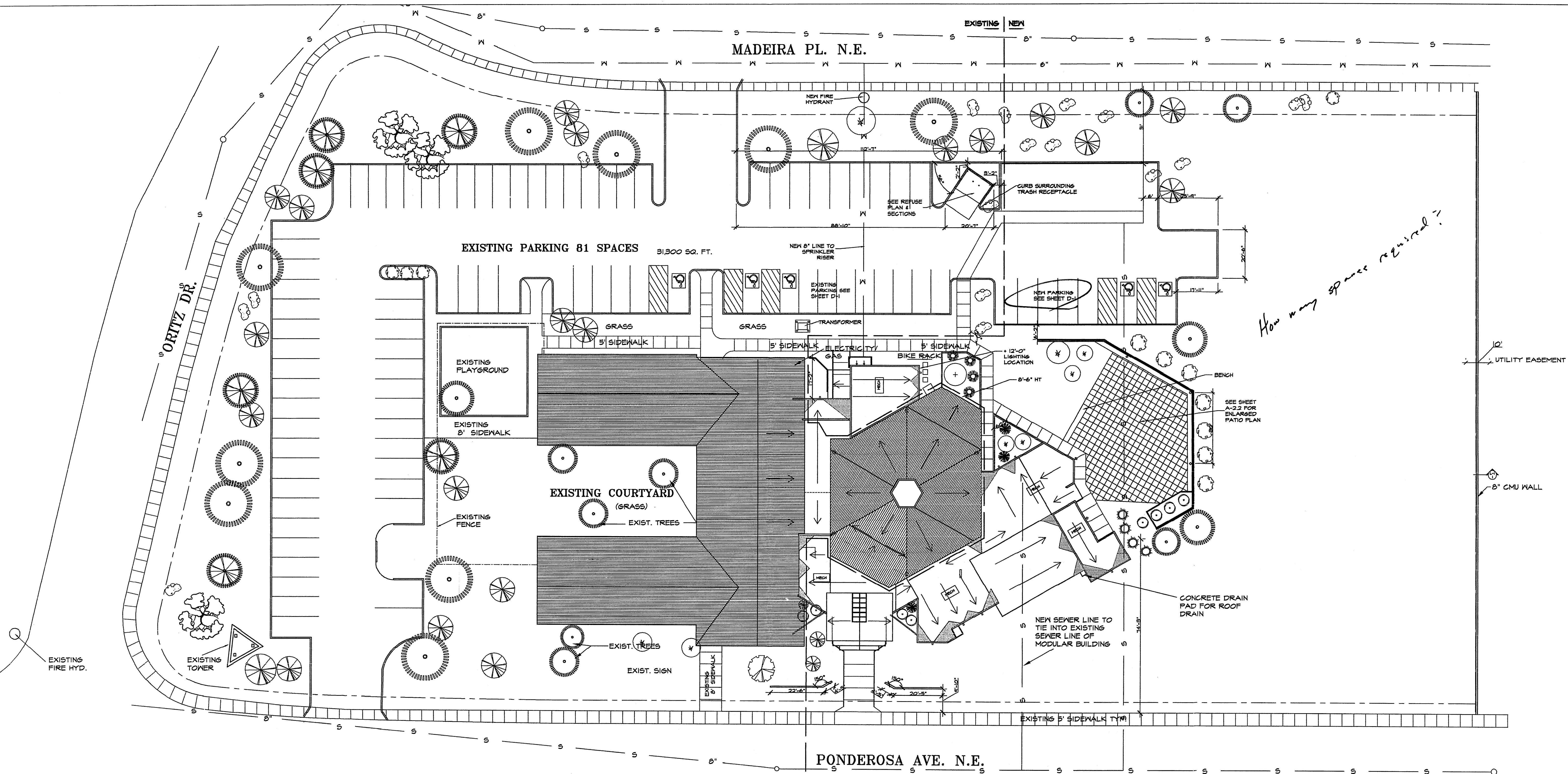


KCC
 DESIGN COLLABORATIVE
 THE ART AND SCIENCE OF MODERN BUILDINGS

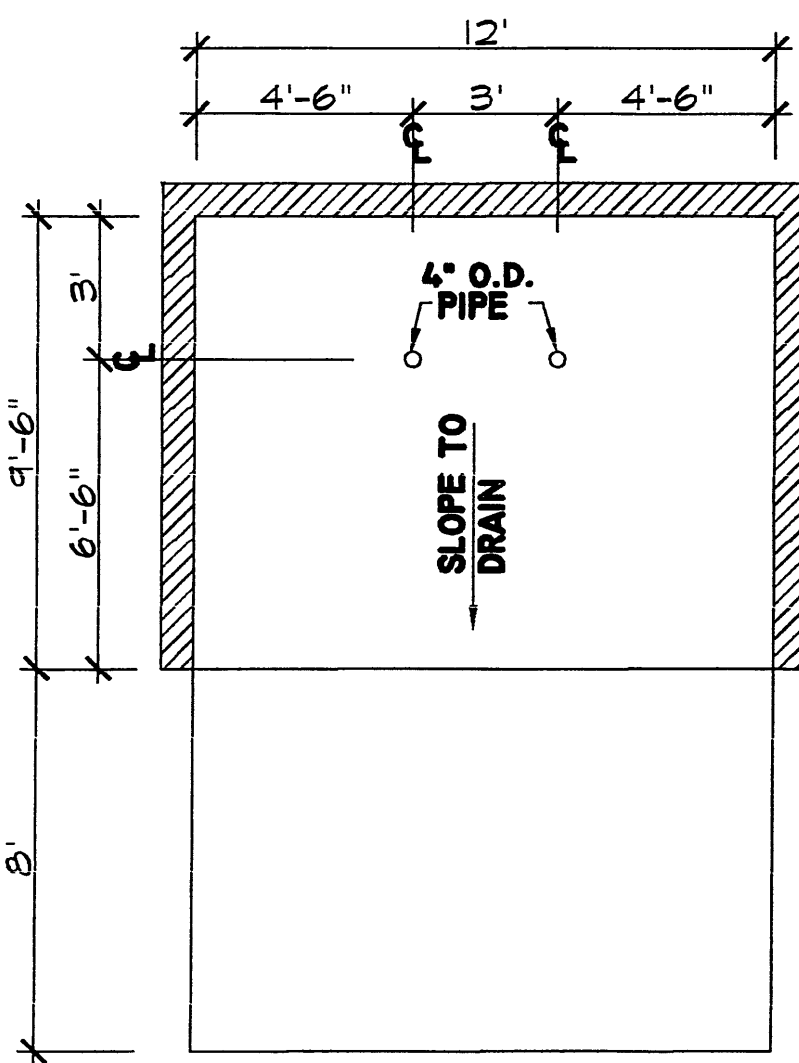
JOB TITLE: ST. ANDREW UNITED PRESBYTERIAN CHURCH

REVISION:	FILE NAME	JOB NO.	DATE
05.14.03 WVM	STA-C-1		11.25.02
SHEET TITLE:			DRAWN BY:
DRAINAGE & GRADING			WVM

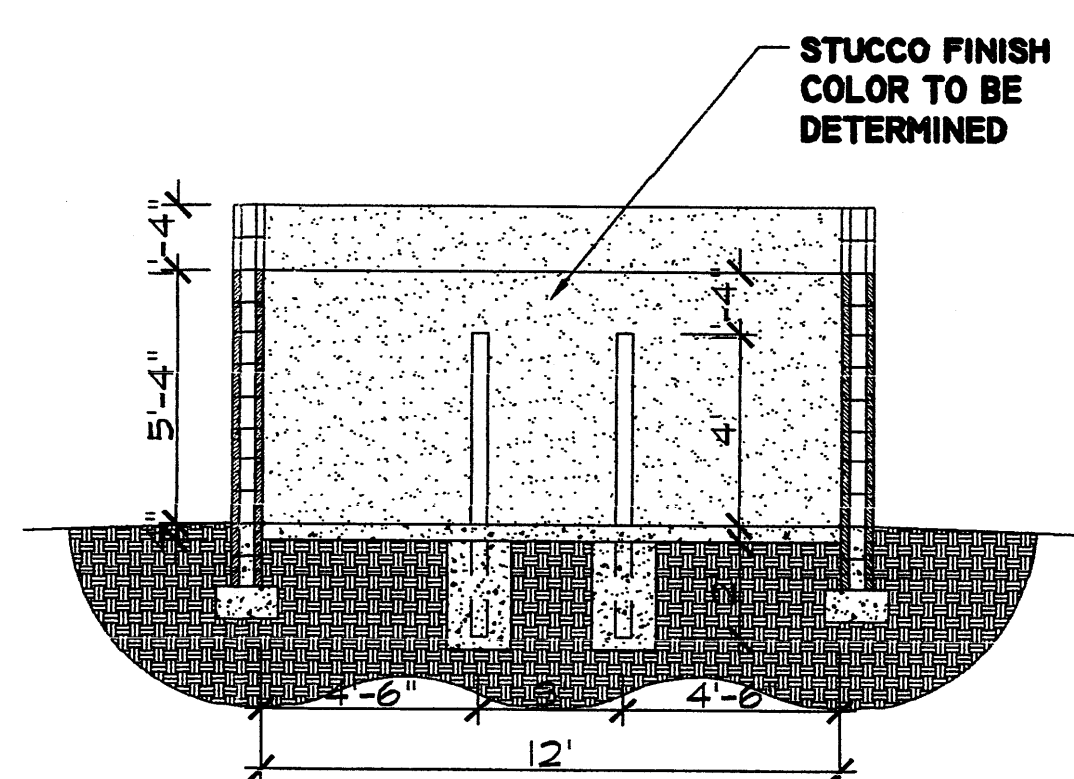




How many spaces required?

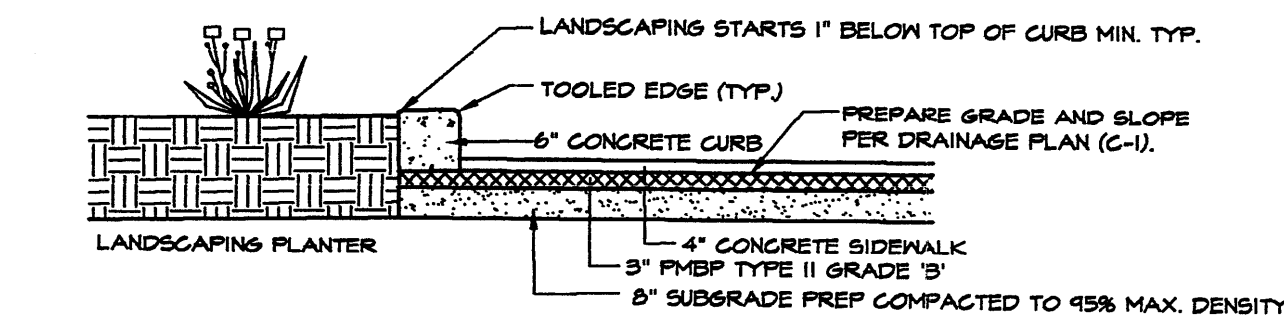
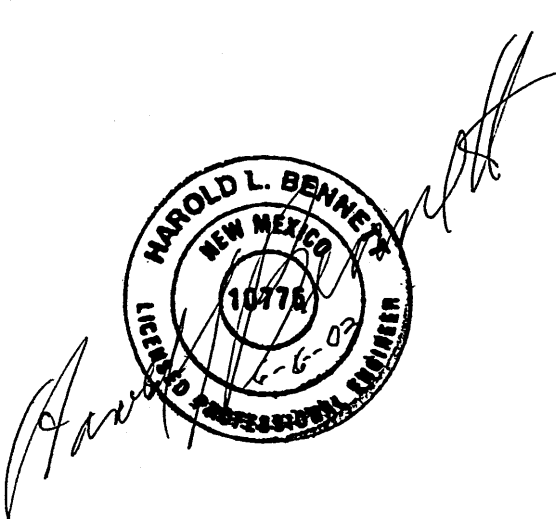


REFUSE DETAIL
NOT TO SCALE



REFUSE DETAIL
NOT TO SCALE

- REFUSE NOTES:**
- DIMENSIONS ARE GIVEN TO THE INSIDE OF THE ENCLOSURE WALLS AND ARE THE MINIMUM SIZES REQUIRED FOR THE SLAB ITSELF. FOOTING WILL VARY WITH DESIGN OF ENCLOSURE.
 - 4" O.D. CONCRETE FILLED PIPE SHALL BE ENCASED IN 6" CONCRETE ALL AROUND AND IMBEDDED 2'-0".
- SPECIFICATIONS:**
- CONCRETE SLAB: 4" THICK; 3000 PSI, 3/4" AGG., W/6X6-10/10W/M OR EQUAL, SLOPE TO DRAIN 1/8" PER FOOT.
- APRON: 6" THICK; 3000 PSI, 3/4" AGG., W/6X6-10/10W/M OR EQUAL 12'X8'X6" WITH 1/2" EXPANSION JOINT
- FOOTING: AS REQUIRED PER DESIGN.
- ENCLOSURE WALLS: 5'-4" HIGH; FOR A 4 CUBIC YARD LIFT BIN; AND 6' HIGH FOR A 6 CUBIC YARD LIFT BIN; MASONARY, WOOD, SHRUBS OR CHAINLINK WITH SLOTS.



TYPICAL PARKING CURB DETAIL
NOT TO SCALE

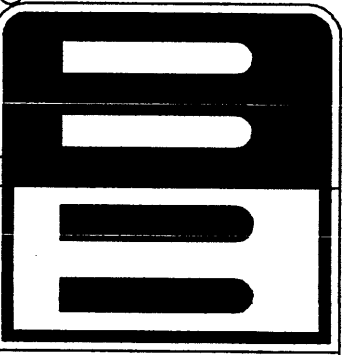
LEGAL:
Portion of Lot 1, Block 29
Altamont Addition
Zone MAP: G-18



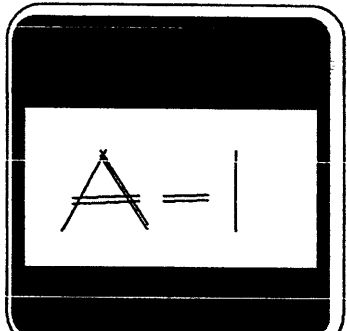
0 10 20 40
feet

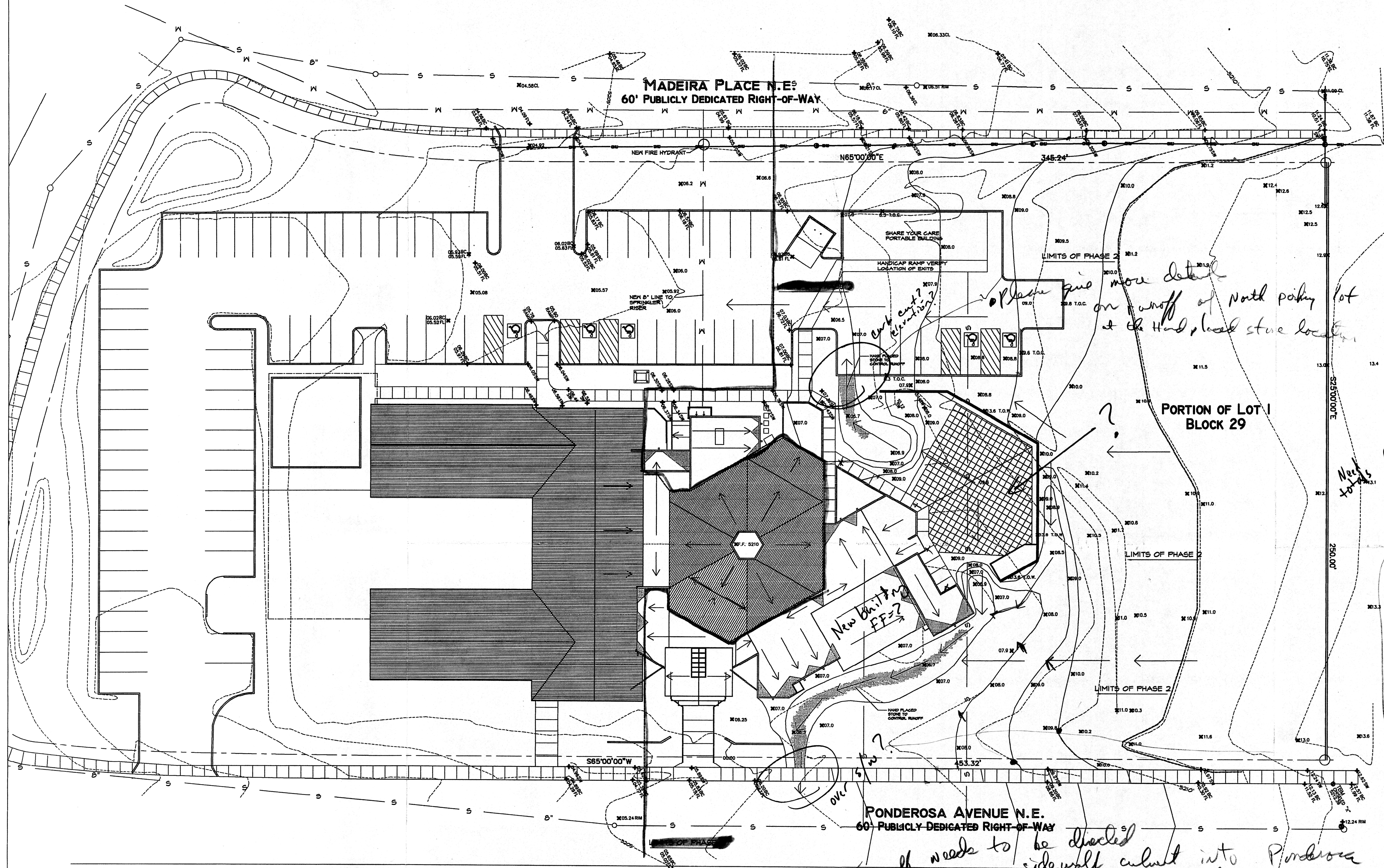
KCC
DESIGN COLLABORATIVE
THE ART AND SCIENCE OF MODERN BUILDINGS

JOB TITLE: ST. ANDREW UNITED PRESBYTERIAN CHURCH			
REVISION:	FILE NAME	JOB NO.	DATE
05.19.03 W/M	ST.A-A-1		08.12.02
SHEET TITLE:			DRAWN BY
SITE PLAN			W/M



bill.buckley
LAS CRUCES, NM





GRADING/DRAINAGE PLAN
THE FOLLOWING ITEMS CONCERNING A PORTION OF LOT 1, BLOCK 29, ALTIMONT ADDITION ARE CONTAINED HEREON:
1. VICINITY MAP
2. DRAINAGE CALCULATIONS

ANDERSON WAREHOUSE - LOTS 1 AND 2
BUILDING AREA = 0.40 ACRES (17,524 SF)
LANDSCAPE AREA = 1.41 ACRES (61,140 SF)
PARKING/ASPHALT AREA = 0.12 ACRES (5,200 SF)
TOTAL SITE = 0.93 ACRES (40,864 SF)

PRECIPITATION: 360 = 2.35 IN.
1440 = 2.75 IN.
100A = 3.45 IN.

EXCESS PRECIPITATION:		PEAK DISCHARGE:	
TREATMENT A	0.53 IN.	1.56 CFS/AC.	
TREATMENT B	0.78 IN.	2.28 CFS/AC.	
TREATMENT C	1.18 IN.	3.14 CFS/AC.	
TREATMENT D	2.12 IN.	4.70 CFS/AC.	

EXISTING CONDITIONS:		PHASE 1 PROPOSED CONDITIONS:		PHASE 2 PROPOSED CONDITIONS:	
TREATMENT A	0 AC.	0 AC.	16,942 SQ. FT.		
TREATMENT B	0 AC.	0 AC.	8,686 SQ. FT.		
TREATMENT C	0.1740 AC.	0.1510 AC.	0 SQ. FT.		
TREATMENT D	0 AC.	0.0230 AC.	10,171 SQ. FT.		

EXISTING EXCESS PRECIPITATION:
WEIGHTED E = $[0.53 (0.00) + 0.78 (0.00) + 1.18 (0.1740) + 2.12 (0.00)] / 0.1740$ AC.
= 1.18 IN.
V100 - 360 = $1.18 (0.1740) / 12 = 0.0164$ ACFT = 714 CFS

EXISTING PEAK DISCHARGE:
Q100 = $1.56 (0.00) + 2.28 (0.00) + 3.14 (0.1740) + 4.70 (0.00)$
= 0.548 CFS

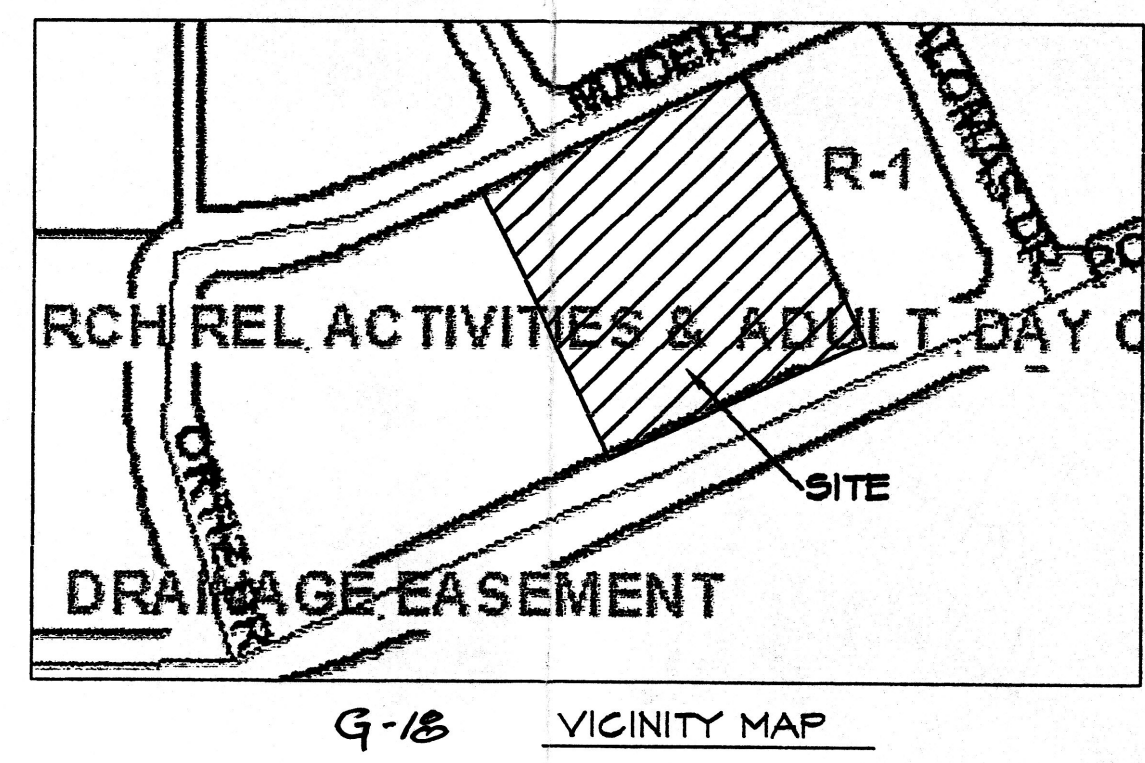
PROPOSED PEAK DISCHARGE CONDITIONS REMAIN THE SAME AS EXISTING PEAK DISCHARGE CONDITIONS DUE TO INCREASED ASPH. AND/OR ROOFING.

PROPOSED EXCESS PRECIPITATION *does not make sense*
WEIGHTED E = $[0.53 (0.00) + 0.78 (0.00) + 1.18 (0.1510) + 2.12 (0.0230)] / 0.1740$ AC.
= 1.261 IN.
V100 - 360 = $1.261 (0.1740) / 12 = 0.0183$ ACFT = 800 CFS
V100 - 1440 = $0.19 + 0.734 \times (2.75 - 2.35) / 12 = 0.0024$ ACFT = 206 CFS
V100 - 1440 = $0.19 + 0.734 \times (3.45 - 2.35) / 12 = 0.0656$ ACFT = 2711 CFS

BENCHMARK:
THE BASIS OF ELEVATIONS IS ACS CHIEFED BENCHMARK 24-114, THE PUBLISHED ELEVATION OF WHICH IS 5212.80. SAID BENCHMARK IS LOCATED 48.82' NORTHWEST OF THE CORNER OF ORTIZ AND PONDEROSA.

EROSION CONTROL MEASURES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION. HE/SHE SHALL ASSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
1. ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SNALES, AND OTHER TEMPORARY GRADINGS AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.
2. ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.

Handwritten notes:
• Please explain your statement for the 'Existing Peak Disch' legend.
• Are there any off-site flows?
• Please add legend to sketch kitchen.



EXISTING CONDITIONS
AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 0.94 ACRES AND IS LOCATED ON THE NORTHEAST CORNER OF ORTIZ AND PONDEROSA. THE SITE HAS BEEN GRADED TO DRAIN FROM EAST TO WEST, ACCORDING TO THE FLOOD INSURANCE RATE MAP (ALL ASPHALT). DATED SEPTEMBER 20, 1986, THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS
AS SHOWN BY THE GRADING/DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A 5280 SF ADDITION TO THE EXISTING CHURCH STRUCTURE ALONG WITH ASSOCIATED PAVED PARKING AND LANDSCAPED AREAS.

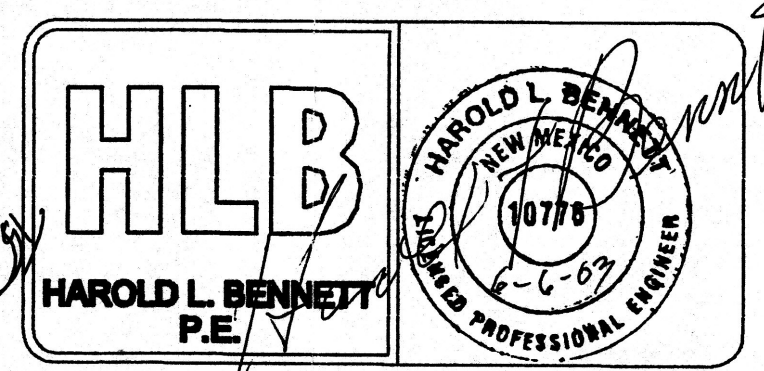
LEGAL:
PORTION OF LOT 1, BLOCK 29
ALTIMONT ADDITION
SECTION 1, T. 10N., R. 3E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPT. 2001

STREET ADDRESS:
5501 PONDEROSA NE

EXISTING CONTOURS IN PARENTHESIS.
PROPOSED CONTOURS

DRAINAGE & GRADING PLAN
SCALE: 1"=20'

Handwritten note: Please return Hydrology



KCC
DESIGN COLLABORATIVE
THE ART AND SCIENCE OF MODERN BUILDINGS

JOB TITLE: ST. ANDREW UNITED PRESBYTERIAN CHURCH

REVISION:	FILE NAME	JOB NO.	DATE
09.19.03 MM	STA-C-1		11.25.02

SHEET TITLE: DRAINAGE & GRADING

DRAWN BY: MM

C-1

NOTE:
UPLAND DEVELOPED BASIN
WILL DEVELOP 0.3 D.T.'s / ACRE.
LINE WILL BE SIZED NOT TO
EXCEED 2 FPS FOR CAPACITY

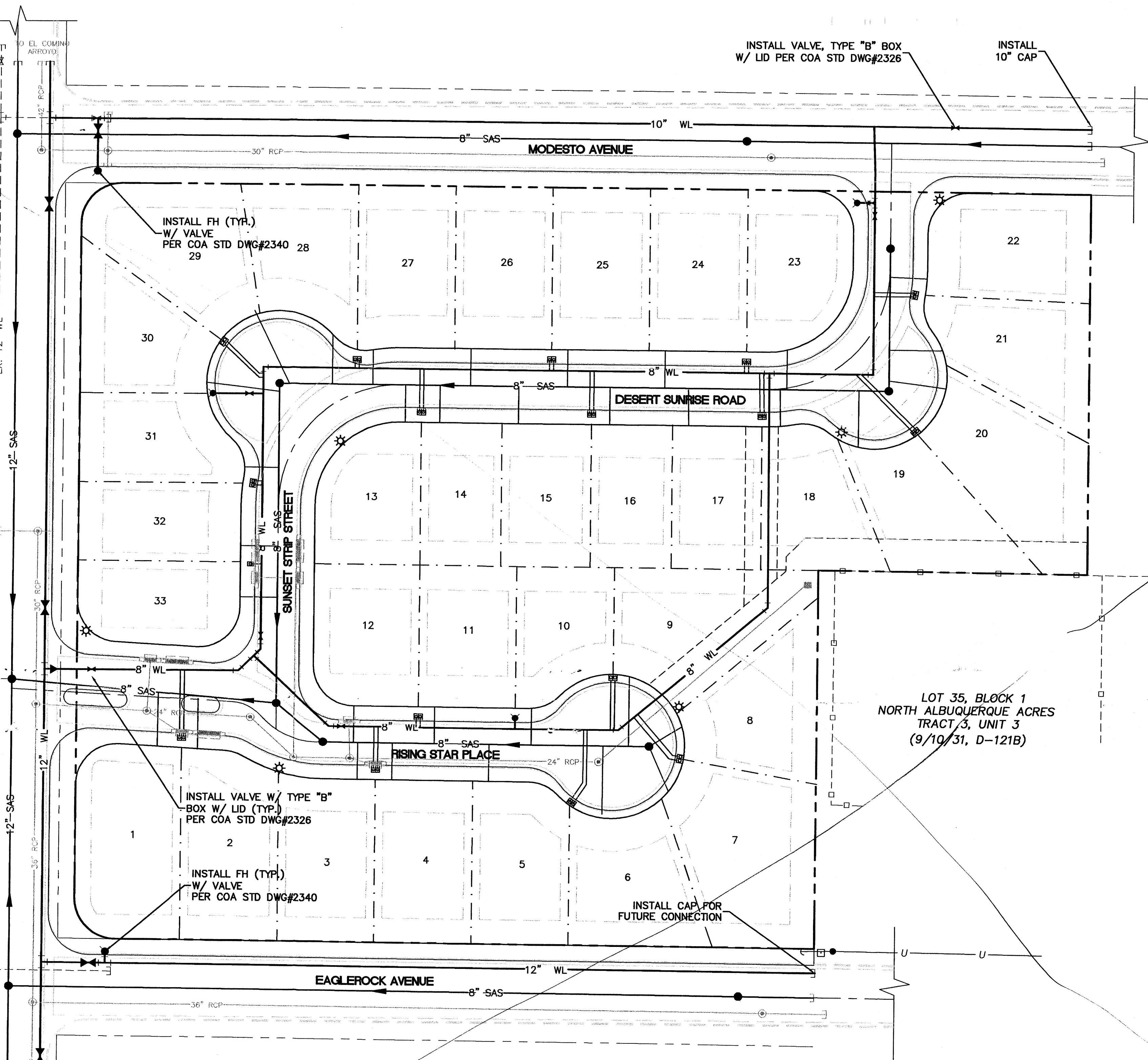
NOR ESTE ESTATES

BARTOW ROAD

BETTY SABO STREET

NOR ESTE ESTATES

EXTEND TO
"OAKLAND AVE." UNDER
PRO RATION



INSTALL VALVE, TYPE "B" BOX
W/ LID PER COA STD DWG#2326

INSTALL
10" CAP

INSTALL FH (TYP.)
W/ VALVE
PER COA STD DWG#2340 28
29

DESERT SUNRISE ROAD

SUNSET STREET

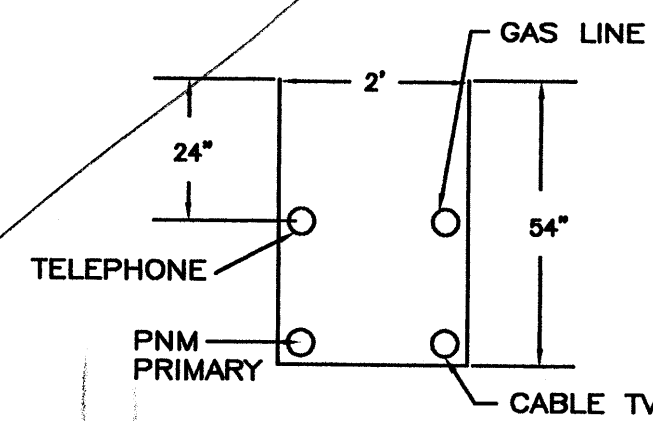
RISING STAR PLACE

INSTALL VALVE W/ TYPE "B"
BOX W/ LID (TYP.)
PER COA STD DWG#2326

INSTALL FH (TYP.)
W/ VALVE
PER COA STD DWG#2340

INSTALL CAP FOR
FUTURE CONNECTION

LOT 35, BLOCK 1
NORTH ALBUQUERQUE ACRES
TRACT 3, UNIT 3
(9/10/31, D-121B)



UTILITY TRENCH DETAIL
NTS

GENERAL NOTES:

1. 4" MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
3. CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
4. ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2320.
5. ALL PIPE MATERIAL TO BE USED PER UPC.

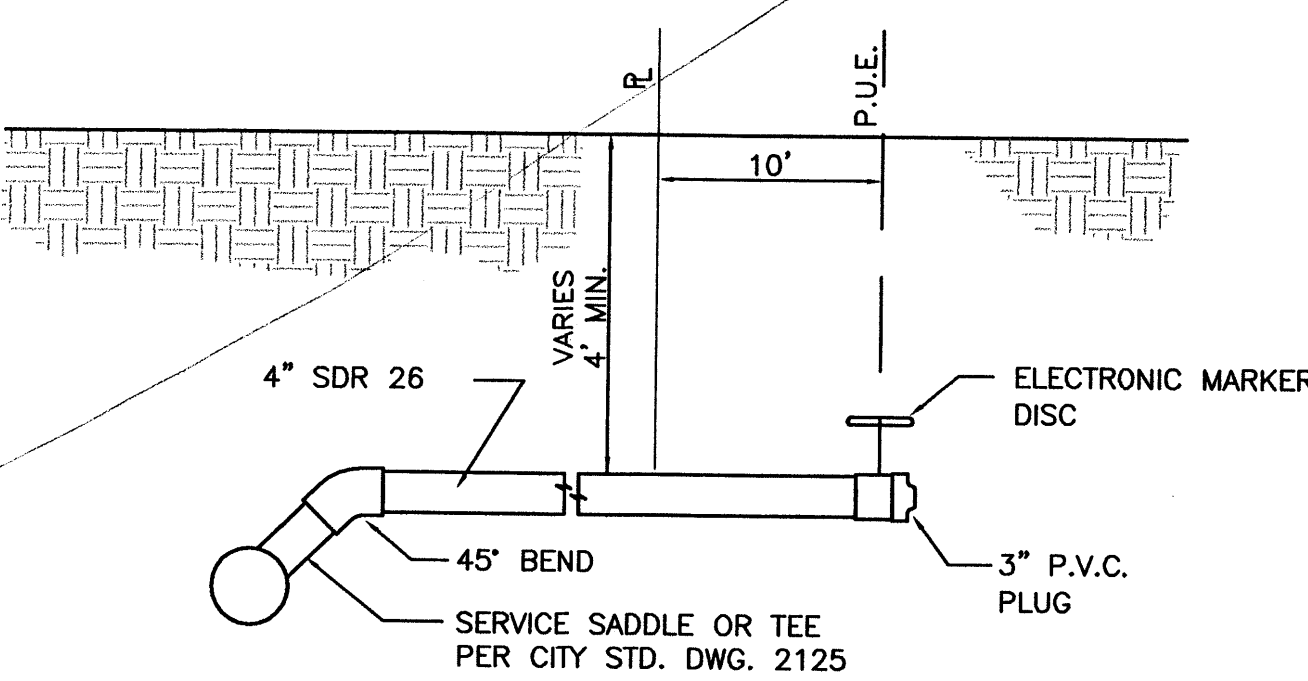
CAUTION:

EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

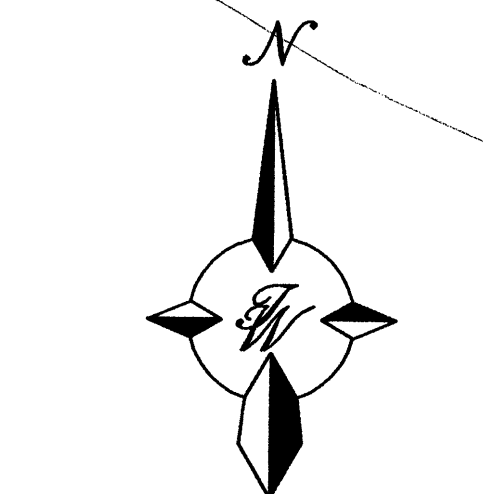
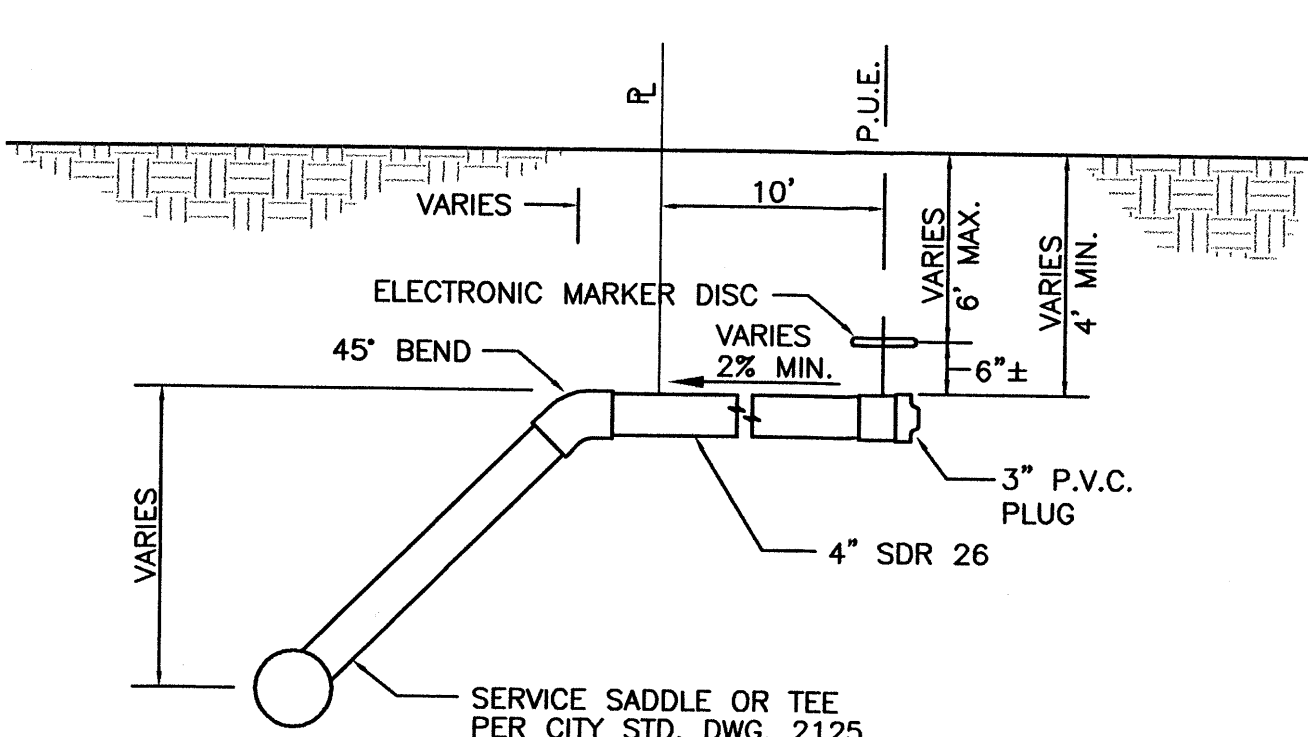
LEGEND

	EXISTING SD MANHOLE
	EXISTING SAS MANHOLE
	EXISTING METER
	EXISTING VALVE W/BOX
	EXISTING FIRE HYDRANT
	PROPOSED CLEAN OUT
	PROPOSED DOUBLE CLEAN OUT
	EXISTING SANITARY SEWER LINE
	EXISTING WATER LINE
	EXISTING CURB & GUTTER
	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY SEWER LINE
	PROPOSED WATER LINE
	BOUNDARY LINE
	EASEMENT

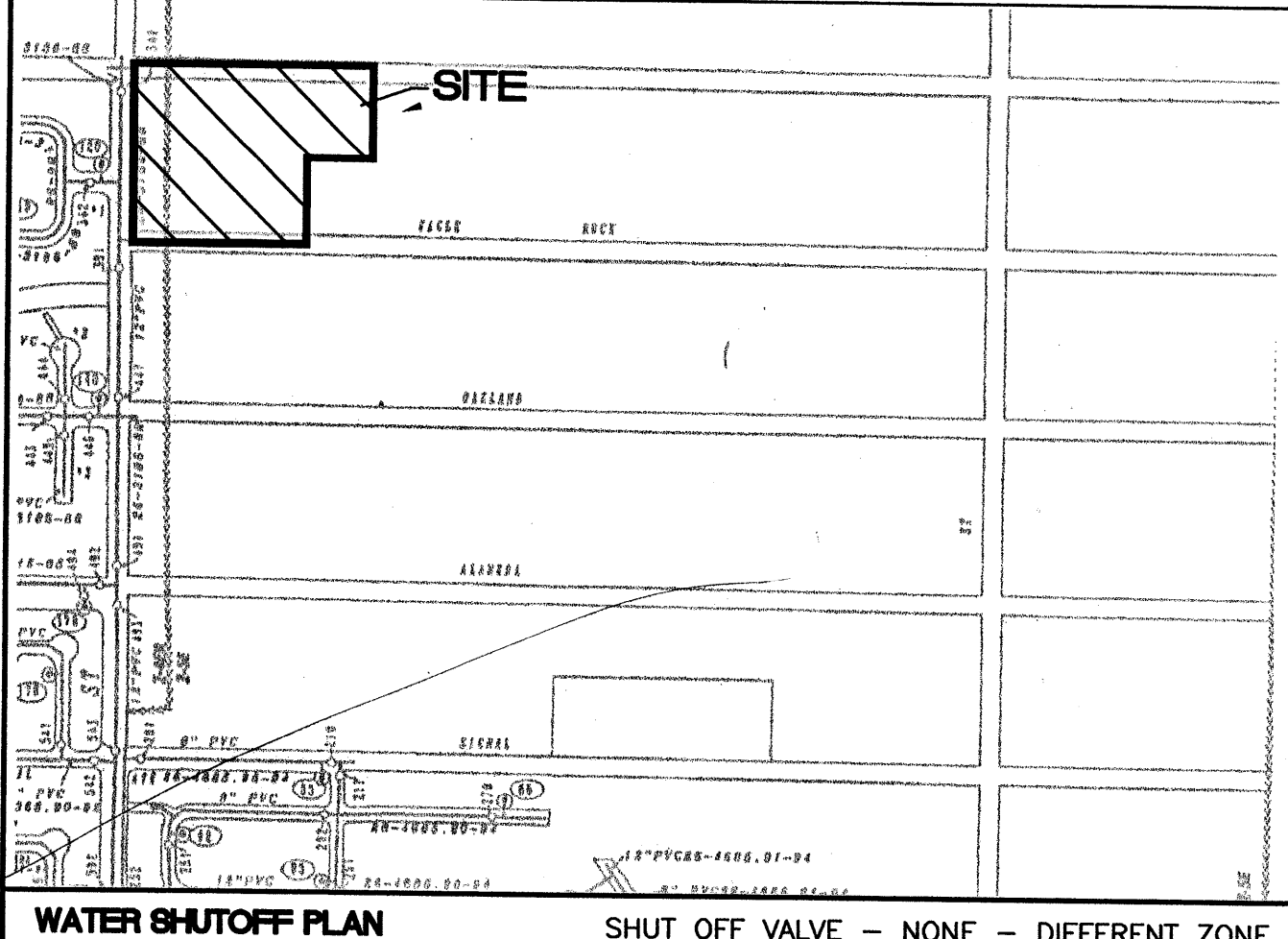
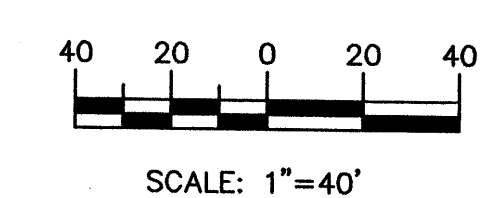
TYP. SANITARY SYSTEM
SERVICE CONNECTION
NTS



TYP. SANITARY SYSTEM
SERVICE CONNECTION
FOR DEEP SANITARY SEWERS
NTS



GRAPHIC SCALE



WATER SHUTOFF PLAN
SHUT OFF VALVE - NONE - DIFFERENT ZONE

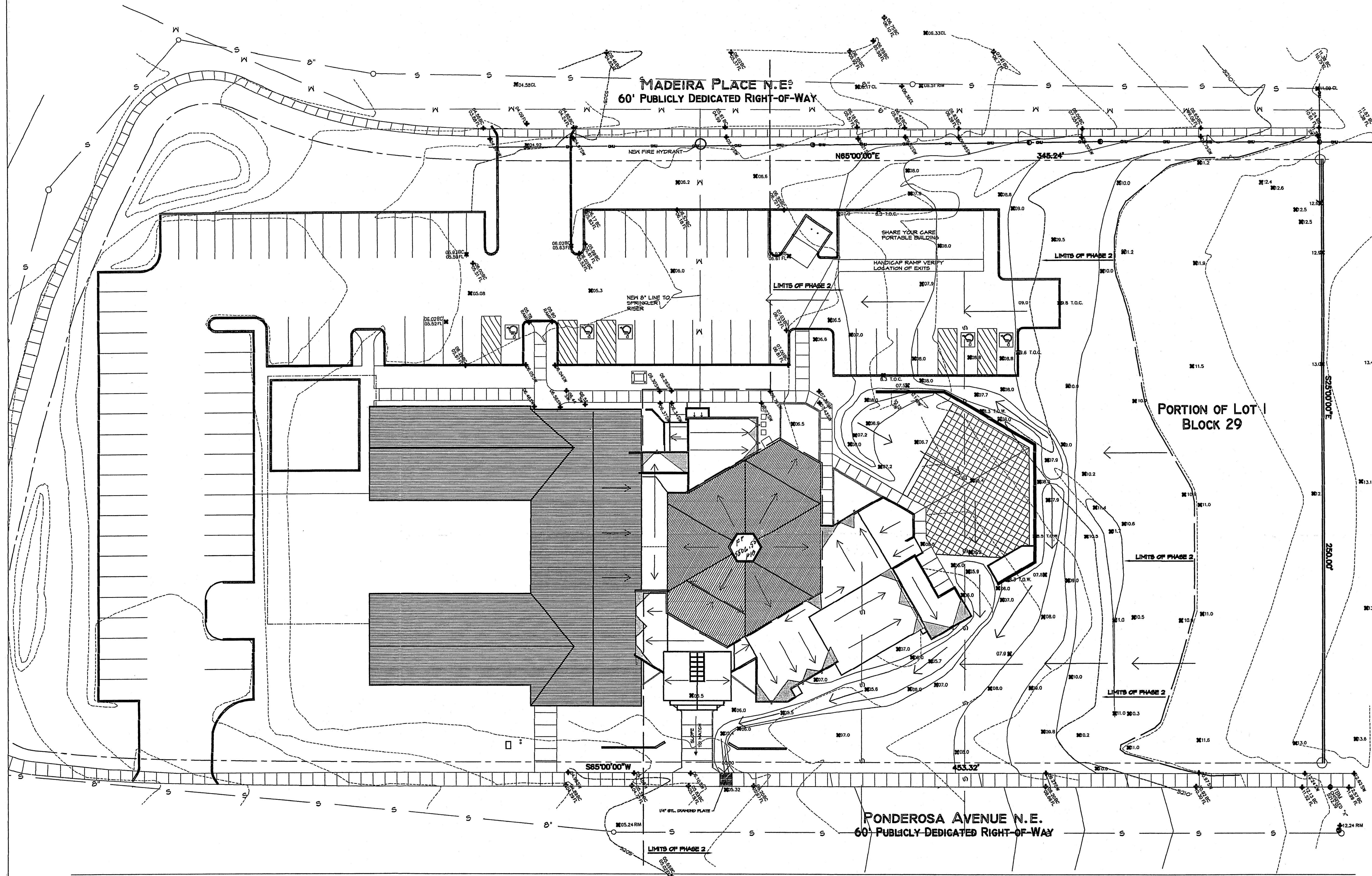
NOTES:

1. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN

NOTICE TO CONTRACTORS

1. 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.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 785-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE UTILITY STUBS 5' FROM BUILDING

	ENGINEER'S SEAL	SANDIA SUNRISE SUBDIVISION	DRAWN BY MP
		MASTER UTILITY PLAN	DATE 04.15.2003
		TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	9949MU2.DWG
			SHEET # 2
			JOB # 990049



GRADING/DRAINAGE PLAN
THE FOLLOWING ITEMS CONCERNING A PORTION OF LOT 1, BLOCK 29, ALTAMONT ADDITION ARE CONTAINED HEREON:
1. VICINITY MAP
2. DRAINAGE CALCULATIONS

ANDERSON WAREHOUSE - LOTS 1 AND 2
BUILDING AREA = 0.40 ACRES (17524SF)
LANDSCAPE AREA = 1.41 ACRES (61740SF)
PARKING/ASPHALT AREA = 0.72 ACRES (31500SF)
TOTAL SITE = 0.83 ACRES (36464SF)

PRECIPITATION: 360 = 2.35 IN.
1440 = 2.75 IN.
100A = 9.45 IN.

EXCESS PRECIPITATION:	PEAK DISCHARGE:
TREATMENT A 0.55 IN.	1.56 CFS/AC.
TREATMENT B 0.78 IN.	2.28 CFS/AC.
TREATMENT C 1.18 IN.	3.14 CFS/AC.
TREATMENT D 2.12 IN.	4.10 CFS/AC.

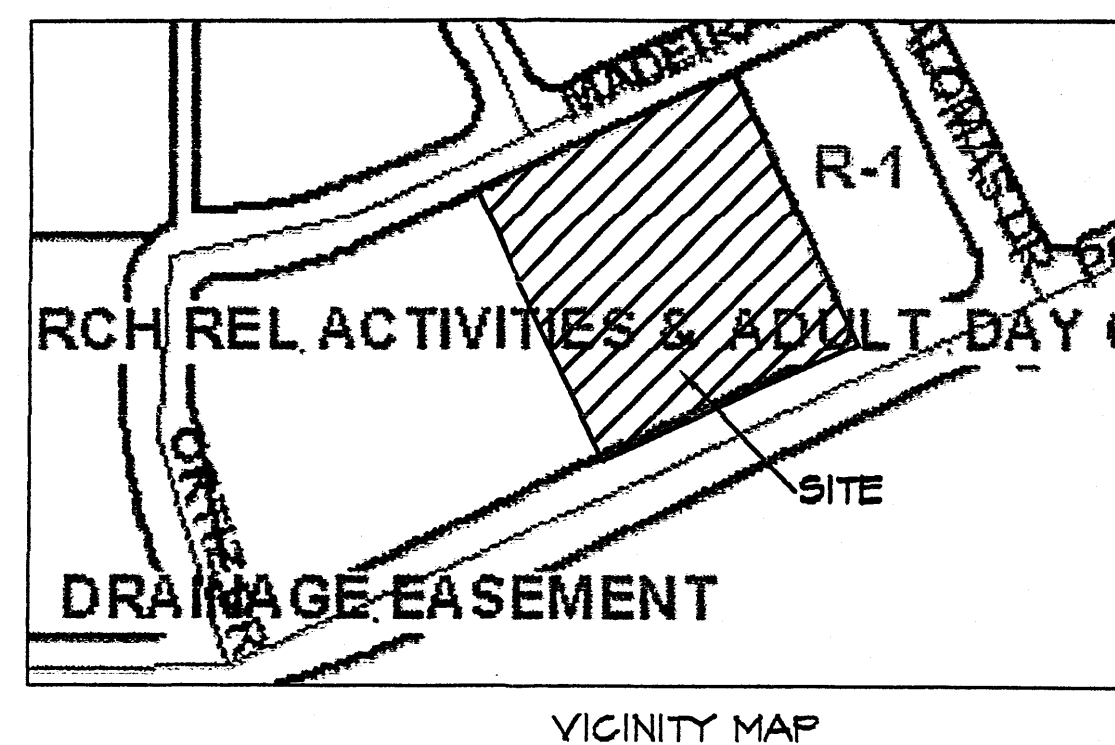
EXISTING CONDITIONS:	PHASE 1 PROPOSED CONDITIONS:	PHASE 2 PROPOSED CONDITIONS:
TREATMENT A 0 AC.	0 AC.	16,842 SQ. FT.
TREATMENT B 0 AC.	0 AC.	8,686 SQ. FT.
TREATMENT C 0.1740 AC.	0.1510 AC.	0 SQ. FT.
TREATMENT D 0 AC.	0.0230 AC.	10,711 SQ. FT.

EXISTING EXCESS PRECIPITATION:
WEIGHTED E = $[0.55 (0.00) + 0.78 (0.00) + 1.18 (0.1740) + 2.12 (0.00)] / 0.1740 \text{ AC.}$
= 1.18 IN.
V100 - 360 = $1.18 (0.1740) / 12 = 0.0164 \text{ ACFT} = 714 \text{ CFS}$

PROPOSED EXCESS PRECIPITATION:
WEIGHTED E = $[0.55 (0.00) + 0.78 (0.00) + 1.18 (0.1510) + 2.12 (0.0230)] / 0.1740 \text{ AC.}$
= 1.261 IN.
V100 - 360 = $1.261 (1740) / 12 = 0.0183 \text{ ACFT} = 800 \text{ CFS}$
V100 - 1440 = $0.11 + 0.734 \times (2.75 - 2.35) / 12 = 0.0024 \text{ ACFT} = 206 \text{ CFS}$
V100 - 1440 = $0.11 + 0.734 \times (9.45 - 2.35) / 12 = 0.0636 \text{ ACFT} = 2711 \text{ CFS}$

BENCHMARK:
THE BASIS OF ELEVATIONS IS ADS CHIEFED BENCHMARK 24-114. THE PUBLISHED ELEVATION OF WHICH IS 5212.38. SAID BENCHMARK IS LOCATED 453.32' NORTH-EAST OF THE CORNER OF ORTIZ AND PONDEROSA.

EROSION CONTROL MEASURES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGEMENT OF STORM RUN-OFF DURING CONSTRUCTION. HE/SHE SHALL ASSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
1. ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY BERMS, DIKES, SNALES, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUN-OFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTY.
2. ADJACENT PUBLIC RIGHT-OF-WAY SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUN-OFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER THE PUBLIC STREETS.



EXISTING CONDITIONS
AS SHOWN BY THE VICINITY MAP, THE SITE CONTAINS 0.84 ACRES AND IS LOCATED ON THE NORTHEAST CORNER OF ORTIZ AND PONDEROSA. THE SITE HAS BEEN GRADED TO DRAIN FROM EAST TO WEST. ACCORDING TO THE FLOOD INSURANCE RATE MAP (ALL ASPHALT), DATED SEPTEMBER 20, 1996, THE SITE IS NOT LOCATED WITHIN A DESIGNATED FLOOD ZONE.

PROPOSED CONDITIONS
AS SHOWN BY THE GRADING/DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A 5200SF ADDITION TO THE EXISTING CHURCH STRUCTURE ALONG WITH ASSOCIATED PAVED PARKING AND LANDSCAPED AREAS.

DOWN STREAM CONDITIONS
FREE DISCHARGE TO DRAIN WEST ON PONDEROSA AND THEN TO SAN MATEO AND INTO THE HAHN ARROYO CHANNEL.

LEGAL:
PORTION OF LOT 1, BLOCK 29
ALTAMONT ADDITION
SECTION 1, T. 10N., R. 8E., N.M.P.M.
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPT. 2001

STREET ADDRESS:
5901 PONDEROSA NE

EXISTING CONTOURS -----
PROPOSED CONTOURS -----

DRAINAGE & GRADING PLAN
SCALE: 1"=20'

0 10 20 40
feet

KCC
DESIGN COLLABORATIVE
THE ART AND SCIENCE OF MODERN BUILDINGS

HLB
HAROLD L. BENNETT
P.E.

HAROLD L. BENNETT
NEW MEXICO
10716
7-26-02
PROFESSIONAL ENGINEER

JOB TITLE: ST. ANDREW UNITED PRESBYTERIAN CHURCH

REVISION:	FILE NAME	JOB NO.	DATE
07.25.02	STA-G-1		11.25.02

SHEET TITLE: DRAINAGE & GRADING

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