

**NOTES:**

1. SEE PARKING LOT DETAILS ON SHEET C-5.2
2. "C" DENOTES A PARKING SPOT DESIGNED FOR COMPACT CARS.

**Building Information**

Construction Type: II-N

Construction Materials: Metal Frame;  
Metal Stud; Sheetrock; Stucco; Metal Roof.

**Building Square Footage:**

Phase I: Fellowship Hall = 28,000 s.f. +/-

Phase II: Sanctuary = 22,000 s.f. +/-

Total S. F. = 51,000 +/-

**PARKING TABULATION:**

CONGREGATION MEMBERS = 305 MEMBERS  
NET USABLE BUILDING - CHURCH USE 17,200 S.F.  
PARKING RATIO @ 1:50 = 344 SPACES  
CONGREGATION HALL SEATING, MOVABLE = 500 CAPACITY  
PARKING REQUIRED @ 1:4 = 125 SPACES

PARKING SPACES PROVIDED:  
ACCESSIBLE = 9 SPACES  
STANDARD SPACES = 343 SPACES  
BICYCLE PARKING = 18 SPACES

NOTE THAT THIS IS A PHASE I DEVELOPMENT WITH  
SUBSTANTIAL ON-SITE, UN-IMPROVED PARKING FOR  
OVERFLOW FUNCTIONS. THE CHURCH INTENDS TO  
INCREASE FULLY IMPROVED PARKING AS DEMAND  
INCREASES FROM ACTUAL USE.

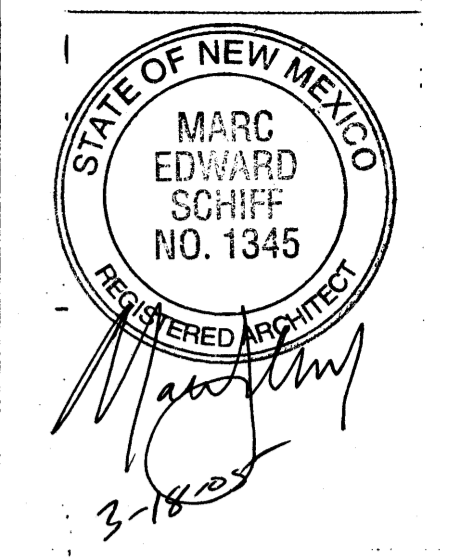
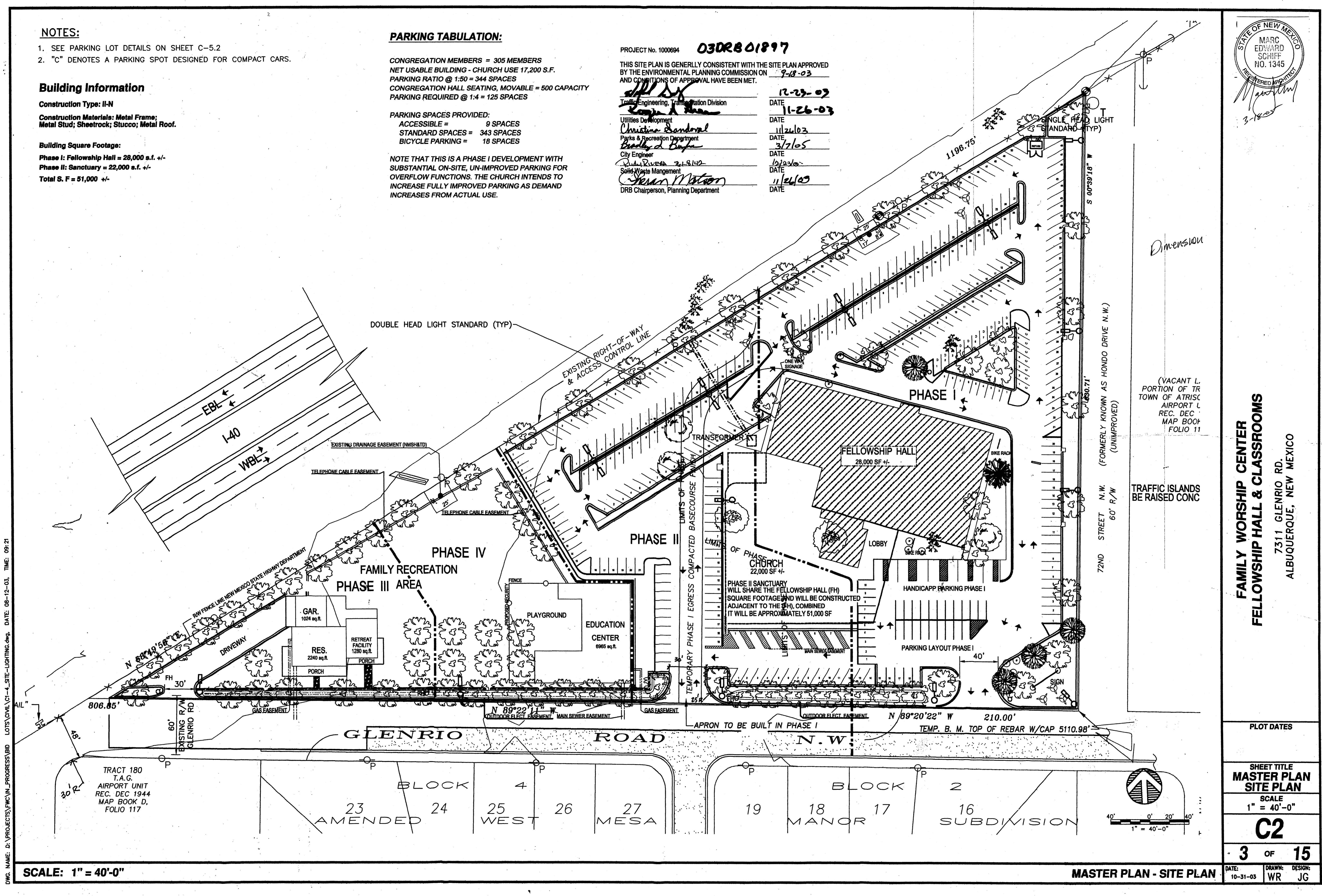
PROJECT No. 1000694

**03DRB 01897**

THIS SITE PLAN IS GENERALLY CONSISTENT WITH THE SITE PLAN APPROVED  
BY THE ENVIRONMENTAL PLANNING COMMISSION ON 9-18-03  
AND CONDITIONS OF APPROVAL HAVE BEEN MET.

DATE	12-23-03
DATE	11-26-03
DATE	11-26-03
DATE	3/2/05
DATE	10/25/05
DATE	11/26/05
DATE	11/26/05

Utilities Development  
Parks & Recreation Department  
City Engineer  
Solid Waste Management  
DRB Chairperson, Planning Department



**FAMILY WORSHIP CENTER  
FELLOWSHIP HALL & CLASSROOMS**  
7311 GLENRIO RD.  
ALBUQUERQUE, NEW MEXICO

PLOT DATES	
SHEET TITLE <b>MASTER PLAN SITE PLAN</b>	
SCALE 1" = 40'-0"	
<b>C2</b>	
3 OF 15	DATE: 10-31-03
DRAWN: WR	DESIGN: JG

DWG. NAME: D:\PROJECTS\FWC\IN\_PROGRESS\BID LOTS\CIVIL\CI-4\_SITE-LIGHTING.dwg. DATE: 08-12-03. TIME: 09:21

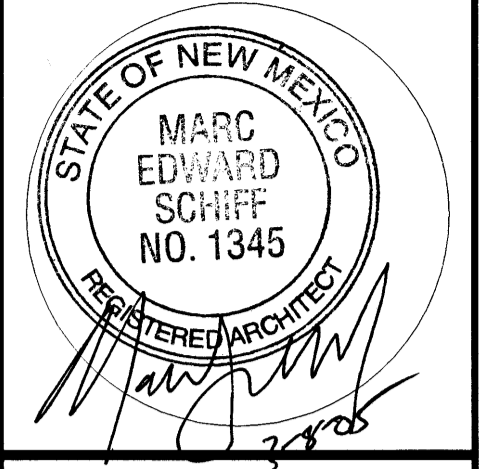
SCALE: 1" = 40'-0"

MASTER PLAN - SITE PLAN

# FAMILY WORSHIP CENTER FELLOWSHIP HALL & CLASSROOMS

7311 GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO

PASTOR STEVE ULIBARRI

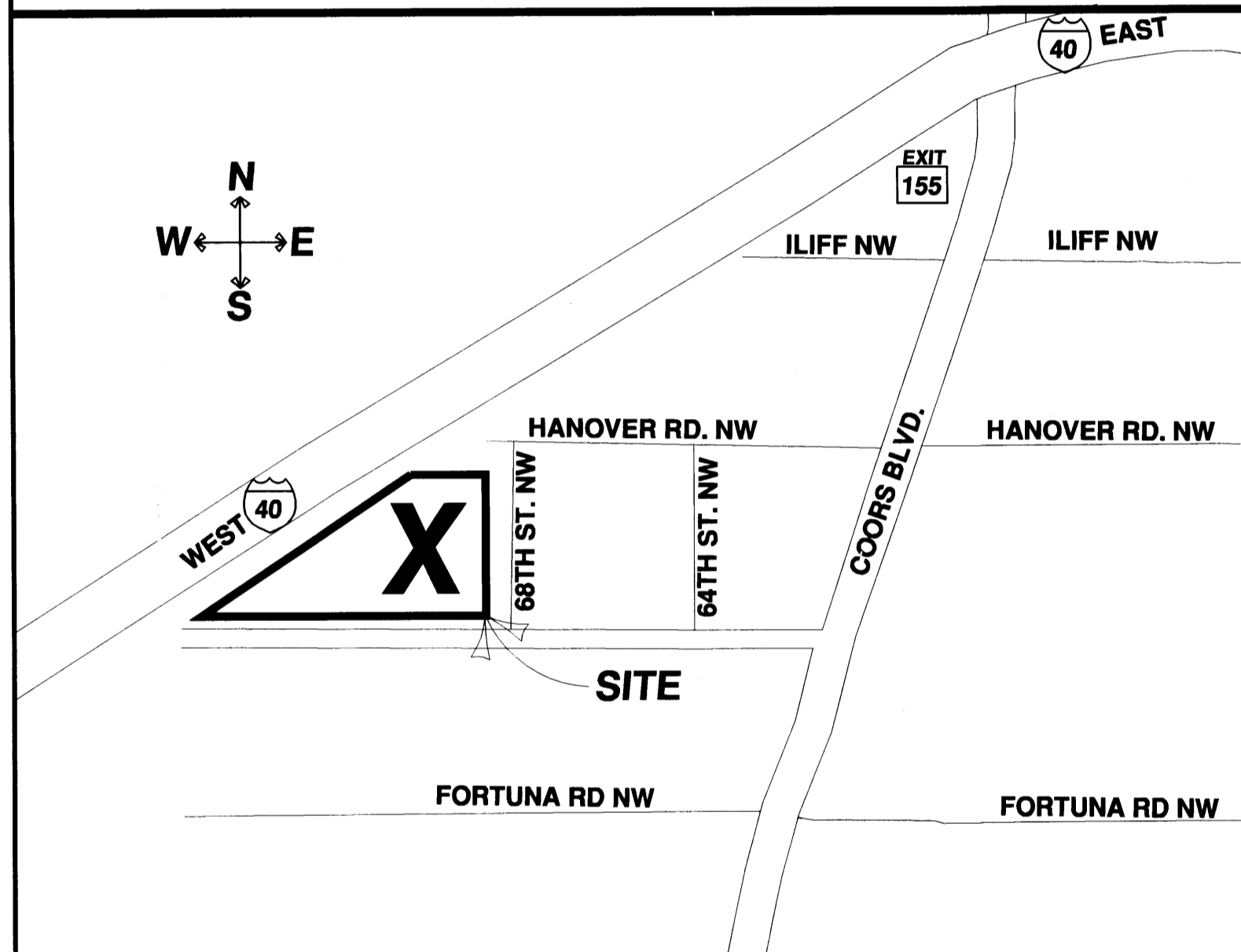


## VICINITY MAP

NO SCALE

## PROJECT INFORMATION

## INDEX TO DRAWINGS



**OWNER:**  
FAMILY WORSHIP CENTER  
PASTOR STEVE ULIBARRI  
5200 ILIFF, 7311 GLENRIO RD. (BLDG. SITE)

**CONTACT:**  
GRG STRUCTURAL CONTRACTORS INC.  
103 AZTEC N.W. ALBUQUERQUE NM 87107  
PHONE # 505 344-3711 FAX 505 344-3142  
LICENSE # 91521

**BUILDING INFORMATION**  
CONSTRUCTION TYPE: 2B  
**CONSTRUCTION MATERIALS:**  
METAL FRAME; METAL STUD; SHEETROCK;  
STUCCO; METAL ROOF

**BUILDING SQUARE FOOTAGE:**  
PHASE 1: FELLOWSHIP HALL= 28,000 S.F. +/-  
PHASE 11: SANCTUARY= 22,000 S.F. +/-  
TOTAL S.F.: 51,000 S.F. +/-

LOT AREA PHASE 1      2.5 ACRES

NO.	NO.	SHEET TITLE	NO.	NO.	SHEET TITLE
1	G1	COVER SHEET	26	A4.3	INTERIOR ELEVATIONS
2	G2	CODE ANALYSIS	27	A4.4	INTERIOR ELEVATIONS
3	C1	SURVEY	28	A5	EXTERIOR ELEVATIONS
4	C1.2	EXISTING TOPO	29	A6	WINDOW SCHEDULE
5	C2	MASTER PLAN	30	A7	DOOR SCHEDULE
6	C2.1	PHASE I SITE PLAN	31	A8	ROOM FINISH SCHEDULE
7	C3	GRADING & DRAINAGE	32	F1	SYSTEMS LAYOUT/F.E. LOC./ EXITS
8	C4	PARKING PLAN	33	F2	NOT USED
9	C4.1	PARKING PLAN DETAILS	34	F3	NOT USED
10	L1	LANDSCAPE PLAN PHASE I	35	P1	DWV PLAN
11	L1.1	LANDSCAPE DETAILS	36	P2	WATER PIPING PLAN
12	S0-01	SLAB & FOOTING PLAN	37	P3	PLUMBING DETAILS
13	S0-0A	SLAB & FOOTING DETAILS	38	P4	GAS
14	S1	FOUNDATION PLAN	39	P5	W&V RISER DIAGRAM
15	S2	SECTION & DETAILS	40	M1	HVAC PLAN
16	S3	WALL SECTIONS	41	M2	HVAC SCHEDULES
17	A1	FLOOR PLAN	42	M3	MECHANICAL NOTES
18	A1.1	REFLECTED CEILING PLAN	43	M4	KITCHEN HOOD DETAILS
19	A1.2	ROOF PLAN	44	E1	POWER PLAN
20	A2	ENLARGED FLOOR PLAN	45	E2	LIGHTING PLAN
21	A2.1	ENLARGED FLOOR PLAN	46	E3	ONE-LINE DIAGRAM
22	A3	BUILDING SECTIONS	47	E4	PANEL SCHEDULES
23	A4	INTERIOR ELEVATIONS	48		NOT USED
24	A4	INTERIOR ELEVATIONS	49		NOT USED
25	A4.2	INTERIOR ELEVATIONS	50		NOT USED

## INDEX TO DRAWINGS B&C STEEL

NO.	NO.	SHEET TITLE	NO.	NO.	SHEET TITLE
1		COVER SHEET	10	E6	CROSS SECTIONS
2	A1	ANCHOR BOLT SETING PLAN	11	E7	ROOF FRAMING PLAN
3	A2	DETAILS	12	E8	ROOF SHEETING PLAN
4	A3	REACTIONS CALS.	13	E9	SHEETING ELEVATION PLAN
5	E1	CROSS SECTIONS	14	D1	DETAILS
6	E2	CROSS SECTIONS	14	D1	DETAILS
7	E3	CROSS SECTIONS			
8	E4	CROSS SECTIONS			
9	E5	CROSS SECTIONS			

FAMILY WORSHIP CENTER  
CHURCH IMPROVEMENTS  
GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO

**GRG**  
*Structural Contractors Inc.*  
103 Aztec N.W. Albuquerque, N.M. 87107  
Phone (505)344-3711 Fax (505) 344-3142

SHEET TITLE  
COVER SHEET

SCALE  
NONE

**G1**      1 OF 50

SCALE: NONE

COVER SHEET

DATE: FEB-13-05      DRAWN:      DESIGN:



**NOTES:**

1. SEE PARKING LOT DETAILS ON SHEET C-5.2
2. "C" DENOTES A PARKING SPOT DESIGNED FOR COMPACT CARS.

**Building Information**

**Construction Type:** II-N  
**Construction Materials:** Metal Frame;  
 Metal Stud; Sheetrock; Stucco; Metal Roof.

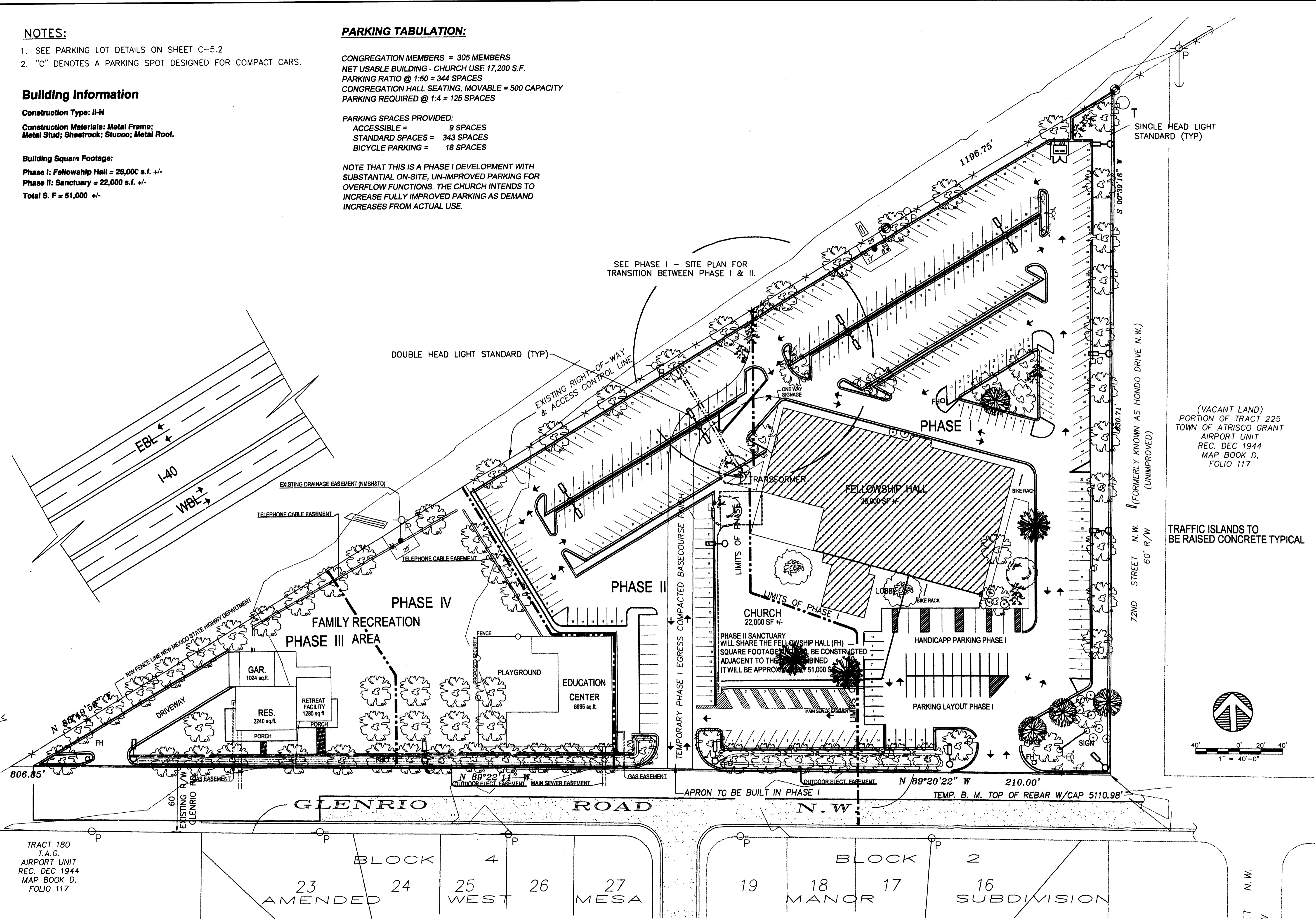
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*Mary Ann*

**FAMILY WORSHIP CENTER  
 CHURCH IMPROVEMENTS**  
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 Phone (505) 344-3711 Fax (505) 344-3142

SHEET TITLE  
**MASTER PLAN  
 SITE PLAN**  
 SCALE  
 1" = 40'-0"

**C2** 5 OF 50

**BENCHMARK:**  
CITY OF ALBUQUERQUE STATION 6-J10, LOCATED IN THE MEDIAN OF INTERSTATE-40, BETWEEN THE EAST BOUND AND WEST BOUND LANES, 341 FEET NORTH 30 DEGREES EAST OF THE NORTHEAST CORNER OF TRACT 225-A. ELEVATION: 5117.133.

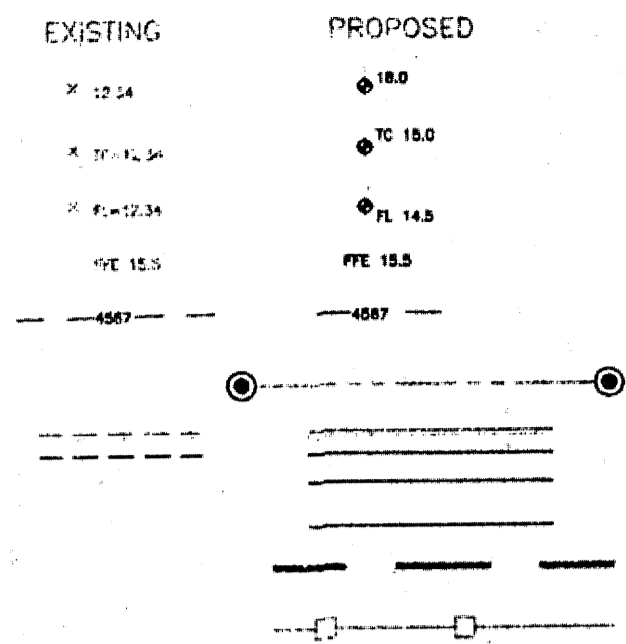
**LEGAL DESCRIPTION:**  
TRACTS 226, 227, 228, 229, AND 230, TOWN OF ATRISCO GRANT AIRPORT UNIT, PROJECTED SECTION 15, T. 10 N., R. 2 E., NMPM, BERNALILLO COUNTY, NEW MEXICO.

I CERTIFY THAT I HAVE PERSONALLY INSPECTED THE SITE AND THAT THE TOPOGRAPHY AS SHOWN IS A TRUE DEPICTION OF THE SITE AS OF DECEMBER 2003. THERE HAS BEEN NO SURFACE EARTHWORK ON THE SITE.

MARVIN R. KORTUM  
NMPE 6519

SITE TOPOGRAPHY BY GRIEGO AND ASSOCIATES, 2003. GLENRIO ROAD TOPOGRAPHY BY MARVIN R. KORTUM, NOVEMBER, 2003.

**LEGEND**  
SPOT ELEVATION  
TOP OF CURB ELEVATION  
FLOW LINE ELEVATION  
FINISHED FLOOR ELEVATION  
CONTOUR LINE  
PROPERTY LINE  
CURB & GUTTER  
DRIVEWAY  
CMU WALL  
DRAINAGE BASIN BOUNDARY



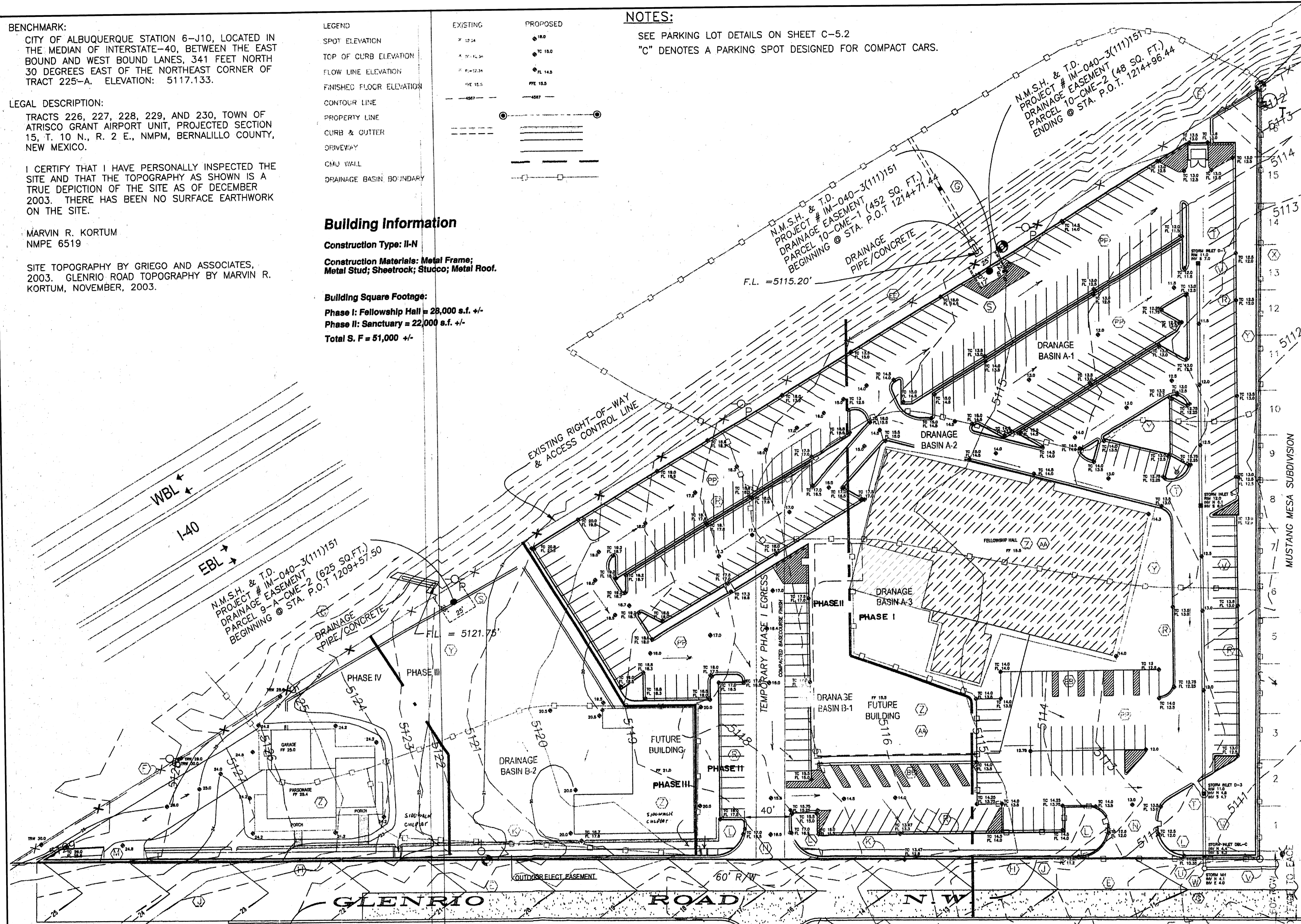
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**Construction Type: II-N**  
**Construction Materials: Metal Frame; Metal Stud; Sheetrock; Stucco; Metal Roof.**

**Building Square Footage:**  
**Phase I: Fellowship Hall = 29,000 s.f. +/-**  
**Phase II: Sanctuary = 22,000 s.f. +/-**  
**Total S. F. = 51,000 +/-**

- NOTES:**
- (A) EXISTING STANDARD CURB & GUTTER.
  - (B) EXISTING HANDICAP RAMPS.
  - (C) EXISTING ASPHALT SURFACE.
  - (D) EXISTING SANITARY SEWER MANHOLE.
  - (E) EXISTING TEMPORARY ASPHALT STREET SURFACE.
  - (F) EXISTING RIGHT-OF-WAY FENCE ALONG INTERSTATE 40.
  - (G) EXISTING CULVERTS UNDER I-40.
  - (H) NEW STANDARD CURB & GUTTER ON GLENRIO ROAD.
  - (I) NEW PERMANENT RESIDENTIAL ASPHALT ON GLENRIO ROAD.
  - (J) NEW 5' WIDE SIDEWALK.
  - (K) NEW HANDICAP RAMPS.
  - (L) NEW DRIVEPAD ENTRANCE, STD DWG 2425.
  - (M) NEW PRIVATE ENTRANCE, STD DWG 2426.
  - (N) POWER POLE
  - (O) NEW CHURCH PARKING AREA ASPHALT SURFACE.
  - (P) NEW CHURCH PARKING AREA CURB & GUTTER.
  - (Q) NEW STORM DRAIN INLET FROM THE I-40 CULVERTS.
  - (R) NEW TYPE "D" STORM DRAIN INLET.
  - (S) NEW TYPE DOUBLE "C" STORM DRAIN INLET.
  - (T) NEW 30" RCP STORM DRAIN PIPE.
  - (U) NEW STORM DRAIN MANHOLE.
  - (V) PROPERTY LINE PRIVACY WALL. WALL DIFFERENCE IN ELEVATION BETWEEN THE TWO SURFACES IS GREATER THAN 18". A SEPARATE PERMIT FROM THE BUILDING DEPARTMENT IS REQUIRED FOR THE WALL DESIGN AND CONSTRUCTION.
  - (W) PROPOSED LANDSCAPED AREA. AREA MAY BE DEPRESSED TO HOLD RUNOFF (WATER HARVEST), WITH DRAINAGE PROVIDED TOWARD THE STREET FOR ANY OVERFLOW.
  - (X) ROOF MAY DRAIN TO ANY SIDE OF BUILDINGS. A DRAIN CHANNEL SHALL BE CONSTRUCTED WHICH DIRECTS RUNOFF AWAY FROM THE FOUNDATION.
  - (Y) FINISHED FLOOR ELEVATIONS (FFE) SHOWN ON THE DRAWING ARE THE TOP SURFACE OF THE SLAB, CONSIDERING SLAB ON GRADE CONSTRUCTION. THE FINISHED EARTHWORK SHOULD BE BASED ON THE THICKNESS OF THE SLAB TO BE USED (EARTH PAD ELEVATION IS FFE LESS THE SLAB AND UNDER SLAB MATERIAL THICKNESS). ALTERNATIVE CONSTRUCTION METHODS MAY DICTATE DIFFERENT EARTH GRADING.
  - (Z) HANDICAP PARKING (WHEEL CHAIR) RAMPS ARE TO CURB HEIGHT. VEHICLE PARKING SPACE WILL REQUIRE A PARKING BLOCK.
  - (AA) LOCATION OF STRUCTURES AND DRIVEWAYS AS SHOWN ARE GENERAL. DETAIL BUILDING PLANS MAY REQUIRE ADJUSTMENT OF THE GRADING PLAN IF THE ACTUAL BUILDINGS ARE LARGER THAN SKETCH SHOWN ON THIS GRADING PLAN.
  - (BB) ALL PARKING AREAS ARE TO BE AN IMPERVIOUS SURFACE. RUNOFF ESTIMATES ARE BASED ON IMPERVIOUS SURFACE.
  - (CC) DRAINAGE HOLES MUST BE PROVIDED ALONG THE NORTH PROPERTY LINE WALL TO ACCEPT RUNOFF FROM THE ADJACENT I-40 BERM.



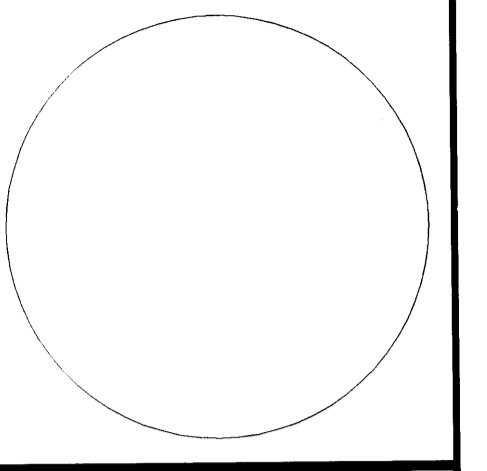
GRADING AND DRAINAGE PLAN  
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)  
FAMILY WORSHIP CENTER

APPROVALS, REVISIONS	BY	DATE
	MARVIN R. KORTUM, P.E. Civil Engineering NM PE 6519	
	1605 Speakman Drive, S.E. Albuquerque, New Mexico 87123 (505) 299-0774	

GRADING PLAN  
PROJECT NO. J10/D MAP NO. J-10 SHEET OF 2/3

SCALE: 1" = 40'-0"

GRADING & DRAINAGE PLAN



**FAMILY WORSHIP CENTER  
CHURCH IMPROVEMENTS**  
GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO

**Structural Contractors Inc.**  
103 Aztec N.W. Albuquerque, N.M. 87107  
Phone (505) 344-3711 Fax (505) 344-3142

SHEET TITLE  
**GRADING  
DRAINAGE**  
SCALE  
1" = 40'-0"  
**C-3** 7 OF 50  
DATE: FEB-13-05 DRAWN: DESIGN:

**NOTES:**

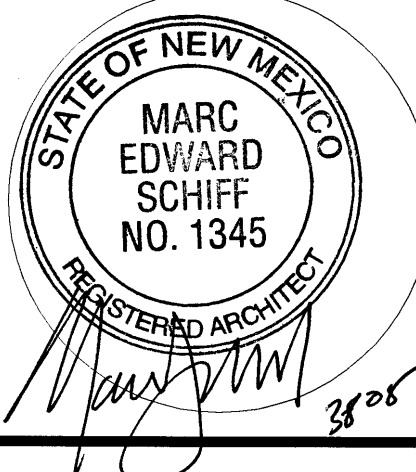
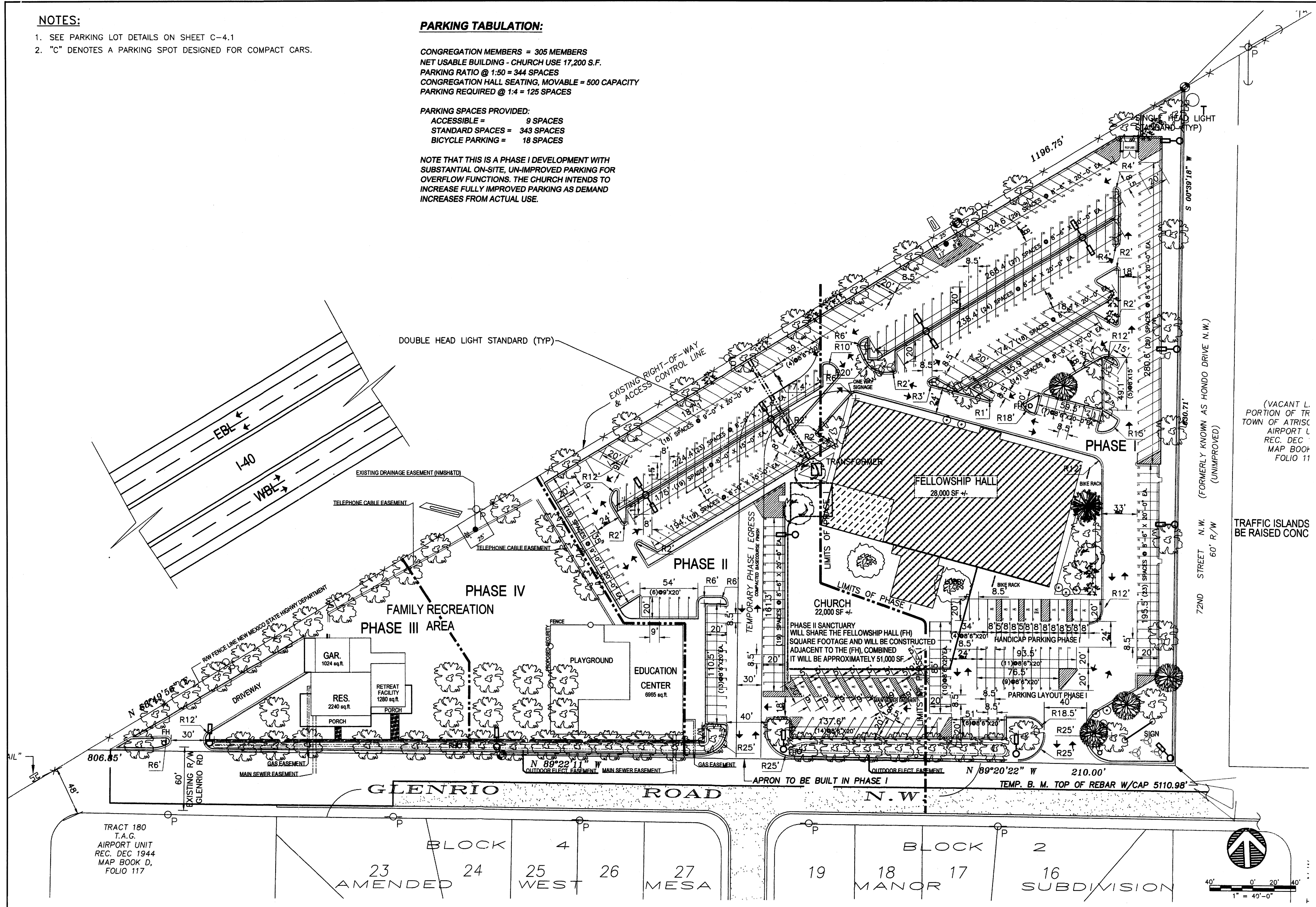
1. SEE PARKING LOT DETAILS ON SHEET C-4.1
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SHEET TITLE  
**PARKING  
 SITE 1**

SCALE  
 1" = 40'-0"

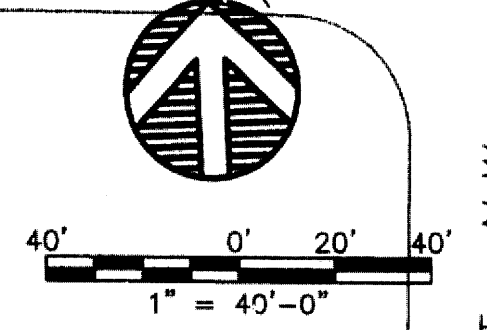
**C-4**      **8  
 OF  
 50**

DATE: FEB-13-05      DRAWN:      DESIGN:

SCALE: 1" = 14'-0"

MASTER PLAN-PARKING SITE PLAN

APPROVED



(VACANT L. PORTION OF TR. TOWN OF ATRISC AIRPORT L. REC. DEC. MAP BOOK FOLIO 11)

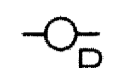










TRAFFIC ISLANDS BE RAISED CONC

72ND STREET N.W. (FORMERLY KNOWN AS HONDO DRIVE N.W.) (UNIMPROVED) 60' R/W

TRACT 180 T.A.G. AIRPORT UNIT REC. DEC 1944 MAP BOOK D, FOLIO 117

BLOCK 4 WEST MESA      BLOCK 2 MANOR SUBDIVISION

**LEGEND**

-  POWER POLE
-  TELEPHONE MANHOLE
-  POST
-  "T" RAIL RIGHT-OF-WAY MARKER
-  ADJOINING LOT LINES
-  PROPERTY LINES
-  STEEL POST/WIRE FENCE LINE
-  INDICATES SET REBAR W/CAP STAMPED "RHC LS 4577"
-  INDICATES FOUND REBAR W/CAP 11993
-  INDICATES 1' CONTOURS (EXISTING)
-  INDICATES 5' CONTOURS (EXISTING)

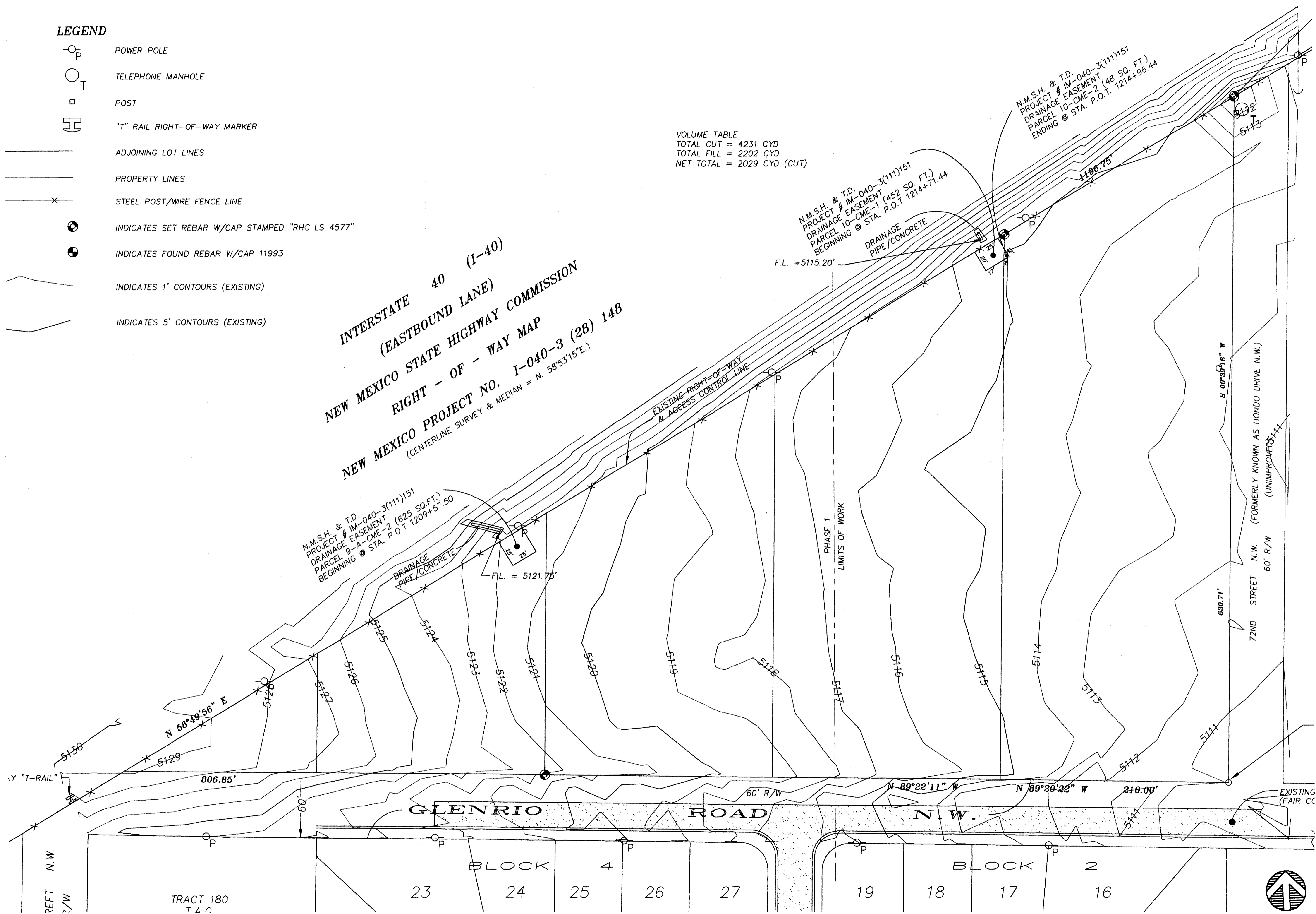
VOLUME TABLE  
 TOTAL CUT = 4231 CYD  
 TOTAL FILL = 2202 CYD  
 NET TOTAL = 2029 CYD (CUT)

**INTERSTATE 40 (I-40)  
 (EASTBOUND LANE)  
 NEW MEXICO STATE HIGHWAY COMMISSION  
 RIGHT - OF - WAY MAP  
 NEW MEXICO PROJECT NO. I-040-3 (28) 148  
 (CENTERLINE SURVEY & MEDIAN = N. 58°53'15"E.)**

N.M.S.H. & T.D.  
 PROJECT # IM-040-3(111)151  
 DRAINAGE EASEMENT  
 PARCEL 9-A-CME-2 (625 SQ.FT.)  
 BEGINNING @ STA. P.O.T 1209+57.50

N.M.S.H. & T.D.  
 PROJECT # IM-040-3(111)151  
 DRAINAGE EASEMENT  
 PARCEL 10-CME-1 (452 SQ. FT.)  
 BEGINNING @ STA. P.O.T 1214+71.44

N.M.S.H. & T.D.  
 PROJECT # IM-040-3(111)151  
 DRAINAGE EASEMENT  
 PARCEL 10-CME-2 (48 SQ. FT.)  
 ENDING @ STA. P.O.T. 1214+96.44



SCALE: 1" = 40'-0"

EXISTING SITE PLAN

**FAMILY WORSHIP CENTER  
 CHURCH IMPROVEMENTS**

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 ALBUQUERQUE, NEW MEXICO

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SHEET TITLE  
**EXISTING SITE PLAN**

SCALE  
 1" = 40'-0"

**C1.2**      **4**  
 OF  
**50**

DATE: FEB-13-05      DRAWN:      DESIGN:

**LEGEND**

- POWER POLE
- TELEPHONE MANHOLE
- POST
- "T" RAIL RIGHT-OF-WAY MARKER
- ADJOINING LOT LINES
- PROPERTY LINES
- STEEL POST/WIRE FENCE LINE
- INDICATES SET REBAR W/CAP STAMPED "RHC LS 4577"
- INDICATES FOUND REBAR W/CAP 11993
- COBBLE CHECK DAM (AT 50' INTERVALS)
- COBBLE DIFFUSER
- INDICATES 1' CONTOURS (EXISTING)
- INDICATES 5' CONTOURS (EXISTING)
- INDICATES 1' CONTOURS (PROPOSED)
- INDICATES 5' CONTOURS (PROPOSED)
- INDICATES ELEVATION AT GRADE
- INDICATES TOP OF CURB ELEVATION
- INDICATES FLOW LINE ELEVATION

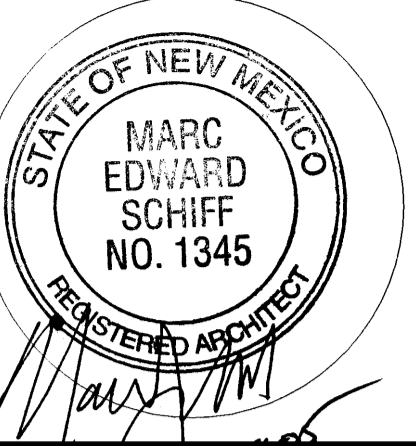
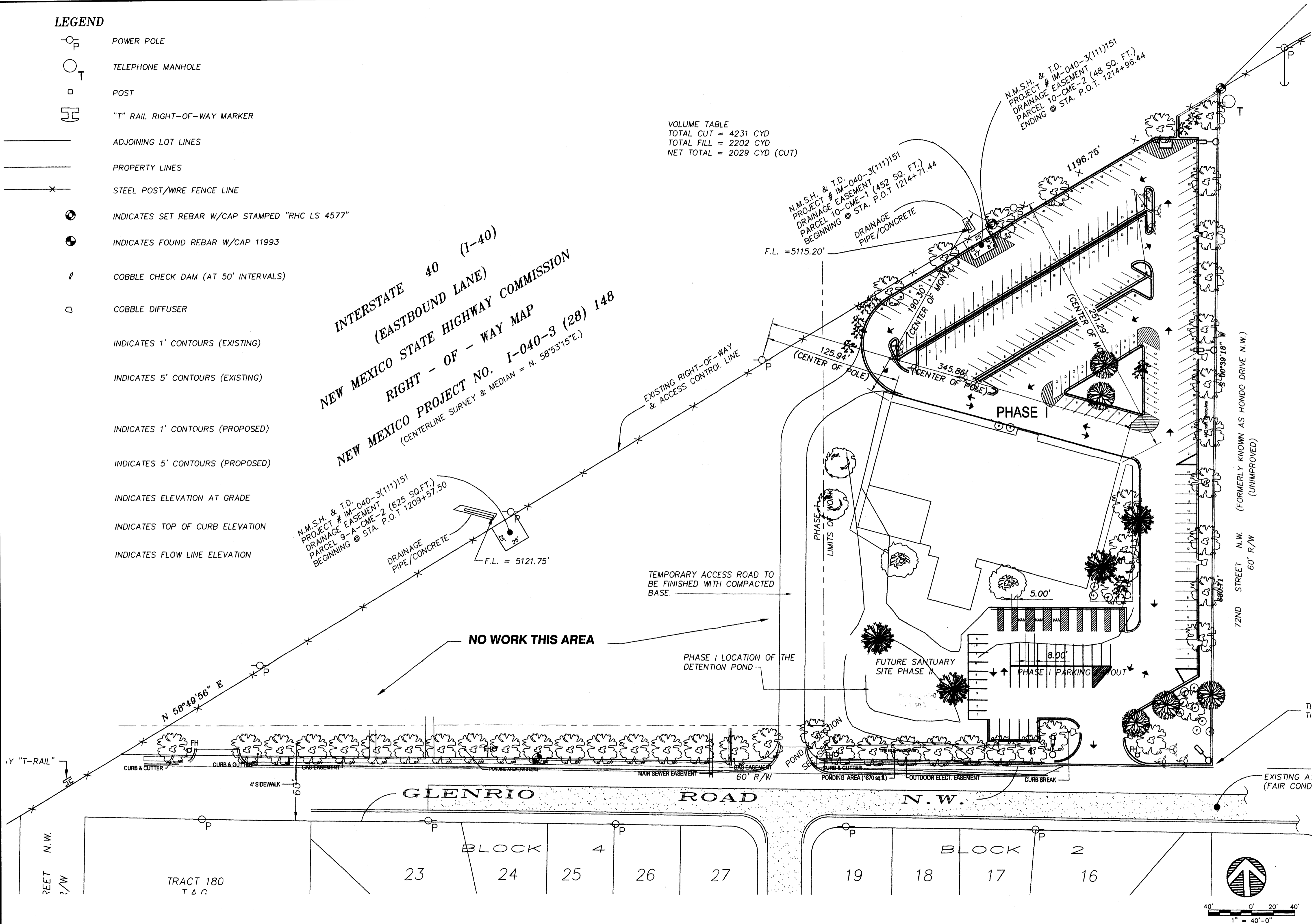
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 TOTAL FILL = 2202 CYD  
 NET TOTAL = 2029 CYD (CUT)

**INTERSTATE 40 (I-40)**  
**NEW MEXICO STATE HIGHWAY COMMISSION**  
**RIGHT - OF - WAY MAP**  
**NEW MEXICO PROJECT NO. I-040-3 (28) 148**  
 (CENTERLINE SURVEY & MEDIAN = N. 58°53'15"E.)

N.M.S.H. & T.D.  
 PROJECT # IM-040-3(111)151  
 DRAINAGE EASEMENT  
 PARCEL 9-A-CME-2 (625 SQ.FT.)  
 BEGINNING @ STA. P.O.T 1209+57.50

N.M.S.H. & T.D.  
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SHEET TITLE  
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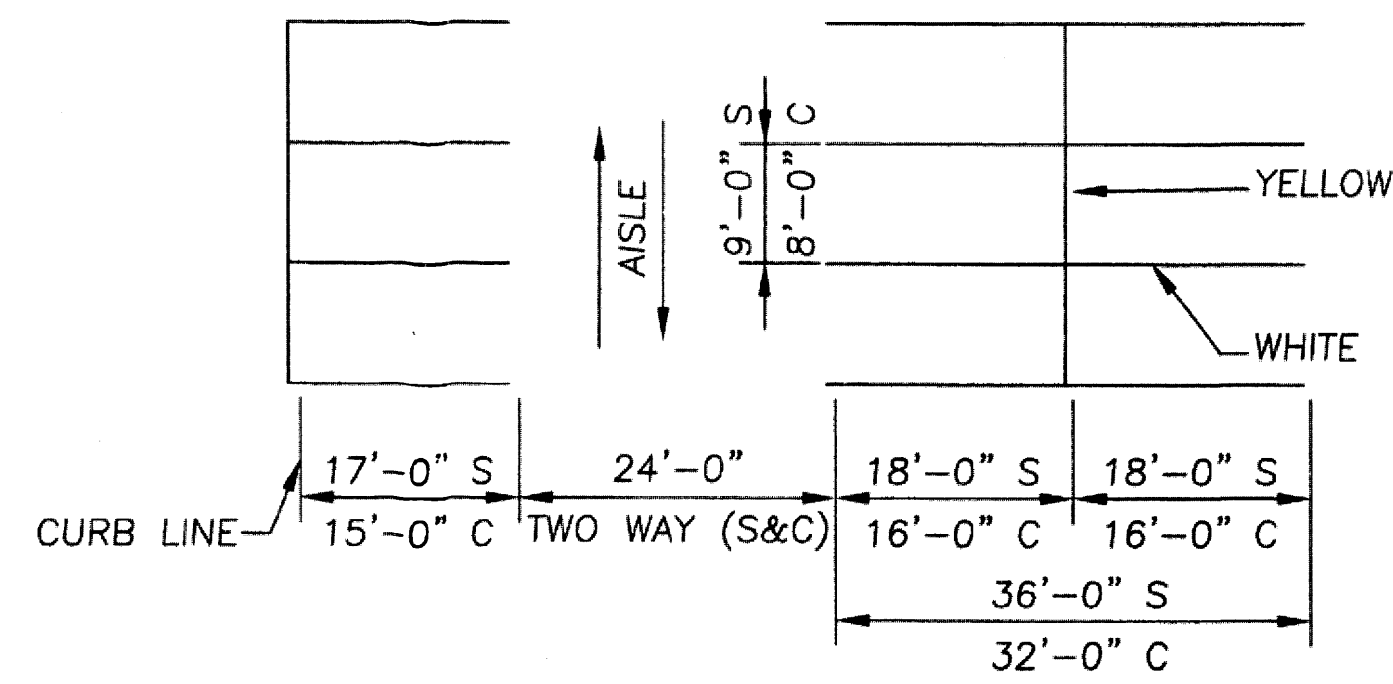
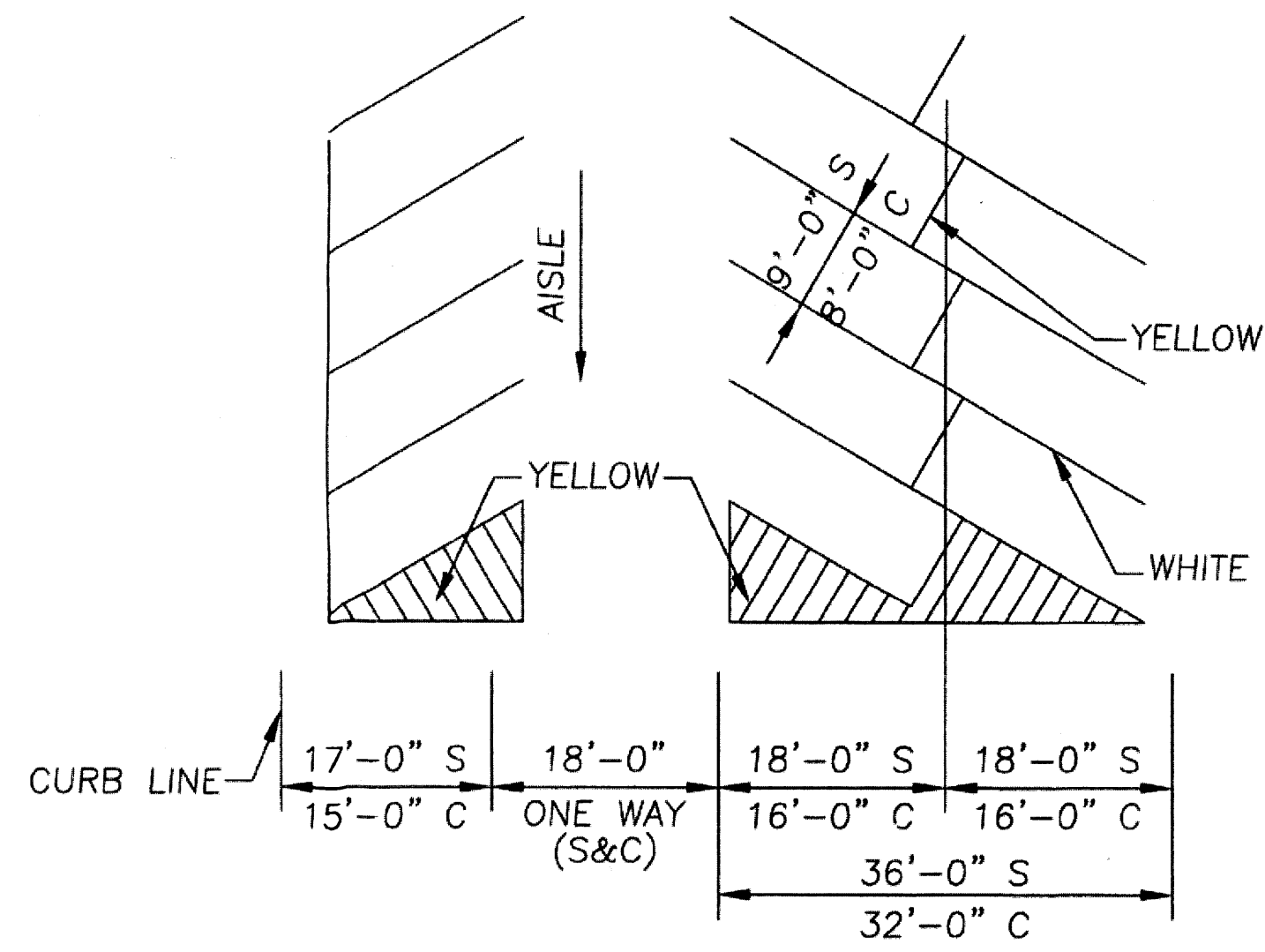
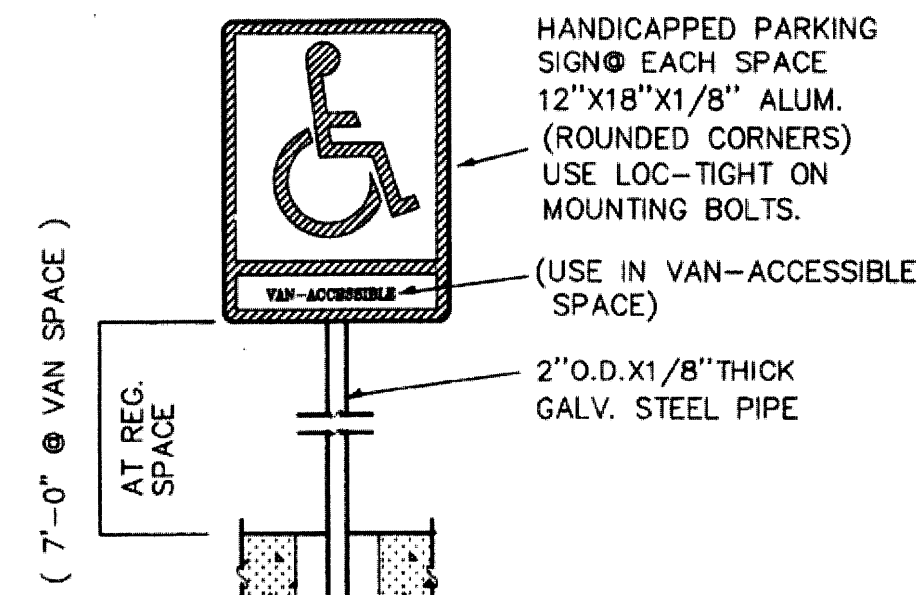
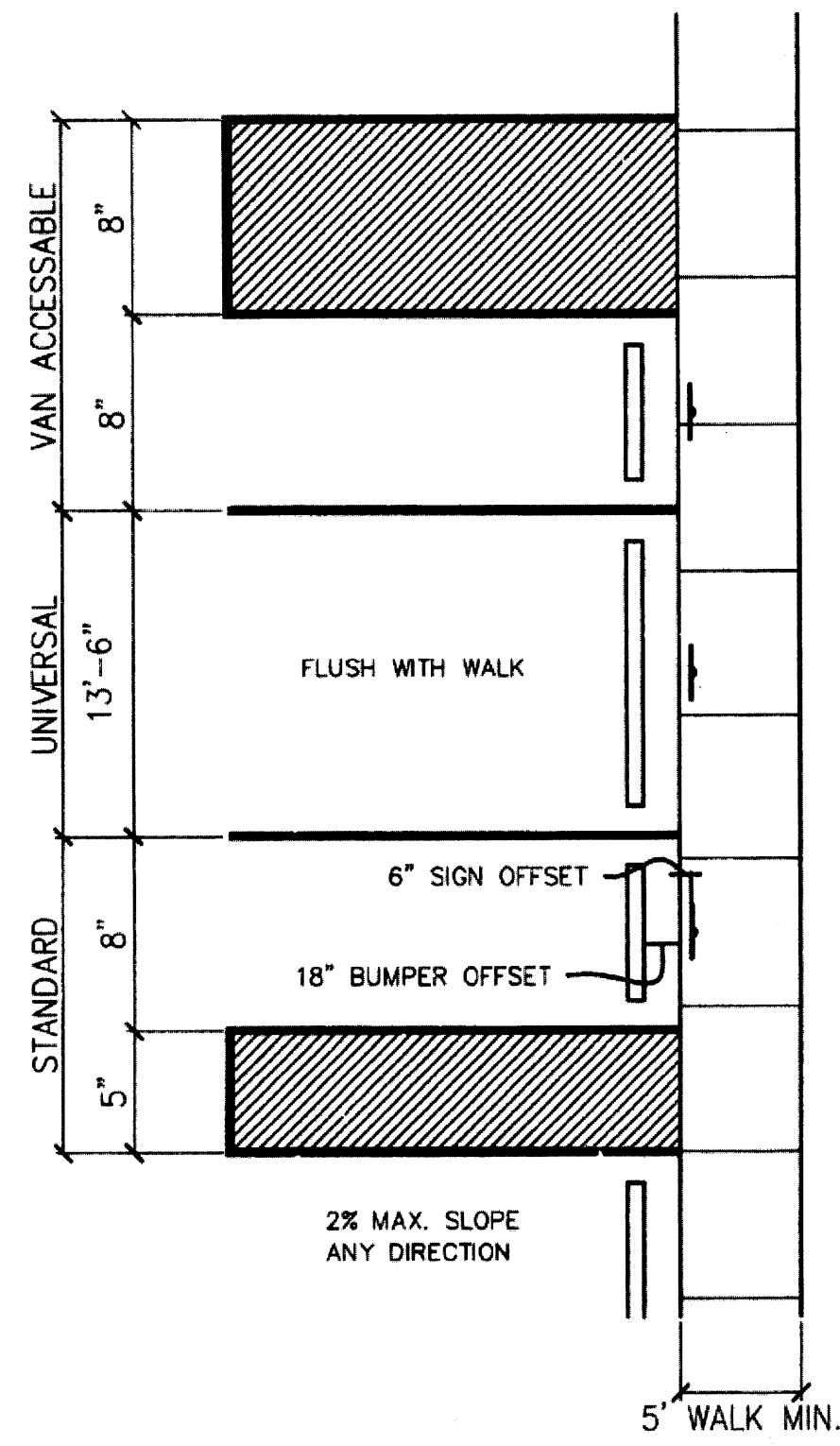
**C2.1** **6**  
**OF** **50**

DATE: FEB-13-05 DRAWN: DESIGN:

SCALE: 1" = 40'-0"

PHASE 1 - SITE PLAN





NTS HANDICAP PARKING STALLS

NTS H.C. PARKING SIGN

NTS 30° PARKING LAYOUT

**LEGEND**

S = STANDARD CAR  
 C = COMPACT CAR (USE ONLY ON LARGE PARKING LOTS)

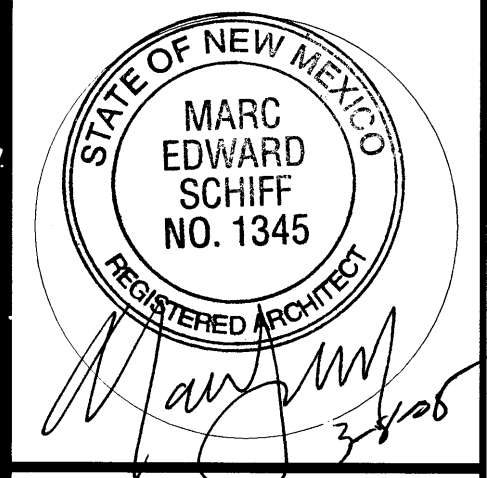
**NOTES**

- 1 PAINT ALL LINES 4" WIDE
- 2 PARKING BUMPERS AND WHEEL STOPS ARE DISCOURAGED WHERE POSSIBLE DUE TO SNOW REMOVAL.

NTS 90° PARKING LAYOUT

SCALE: N.T.S.

PARKING DETAILS



**FAMILY WORSHIP CENTER  
 CHURCH IMPROVEMENTS**  
 GLEN RIO RD.  
 ALBUQUERQUE, NEW MEXICO

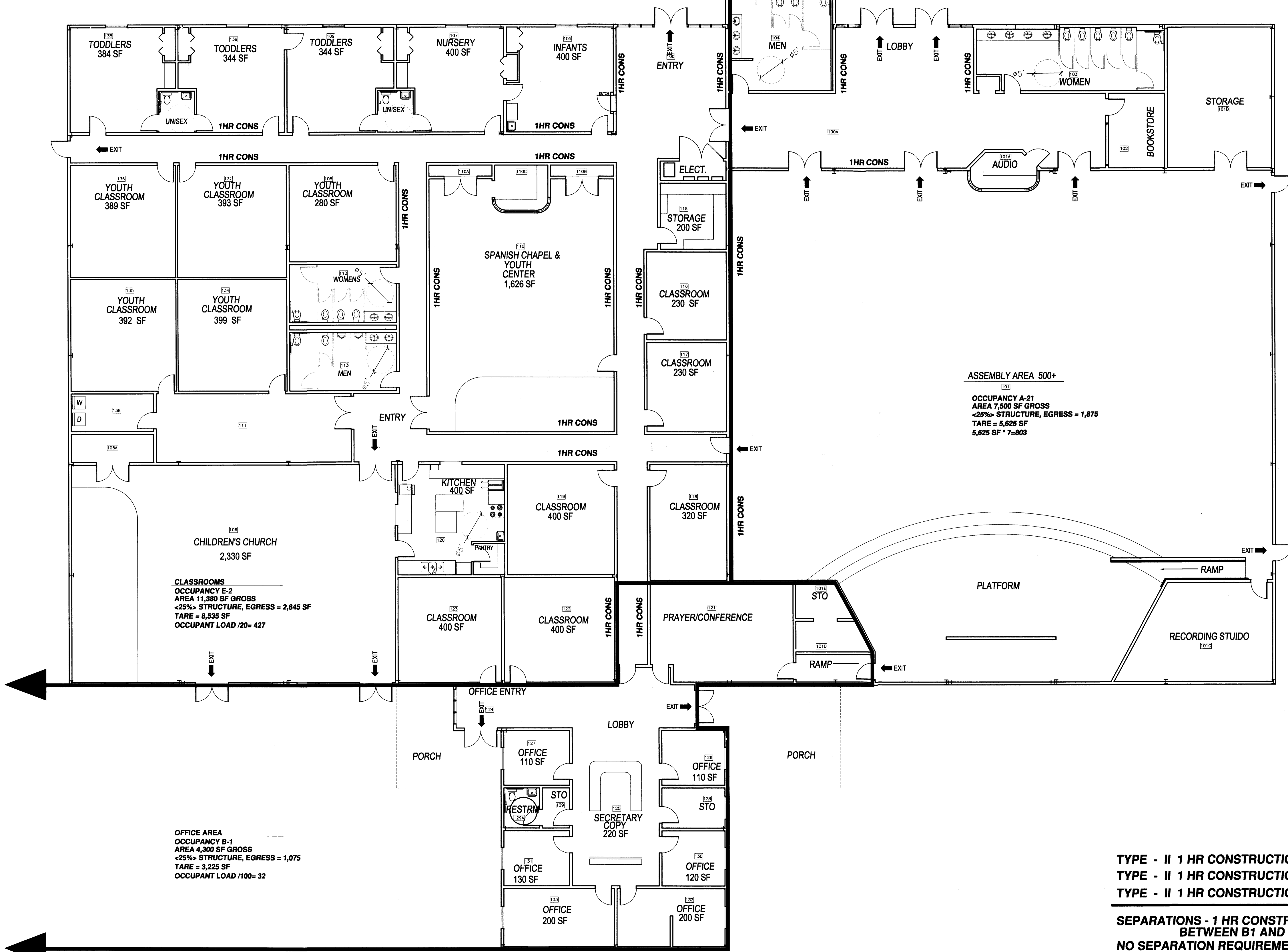
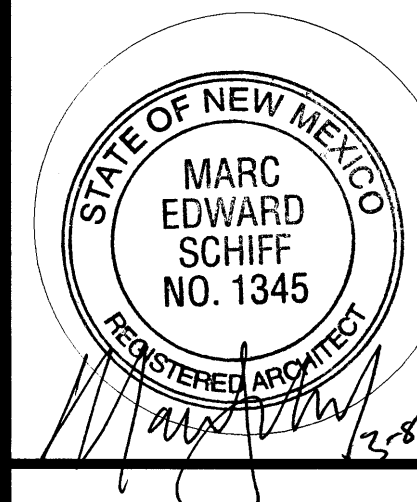


SHEET TITLE  
**PARKING  
 DETAILS**

SCALE  
 N.T.S.

**C-4.1** 9  
 OF  
 50

DATE: FEB-13-05 DRAWN: — DESIGN: —



**GROUP E OCCUPANCIES**  
 904.24.1 GENERAL, EXCEPTION-2  
 WHEN AREA SEPARATION WALLS OR OCCUPANCY SEPARATIONS HAVING A FIRE-RESISTIVE RATING OF NOT LESS THAN TWO HOURS SUBDIVIDE THE BUILDING INTO SEPARATE COMPARTMENTS SUCH THAT EACH COMPARTMENT CONTAINS AN AGGREGATE FLOOR AREA NOT GREATER THAN 20,000 SF AN AUTOMATIC SPRINKLER SYSTEM NOT BE PROVIDED

1 HR CONSTRUCTION INSTALL 5/8" TYPE X GYP BOARD BOTH SIDES OF WALL CONSTRUCTED OF 2"x4" 24 GA. METAL STUDS @ 24" O.C. INTERIOR WALLS INSTALL R-11 SOUND BATT INSULATION.

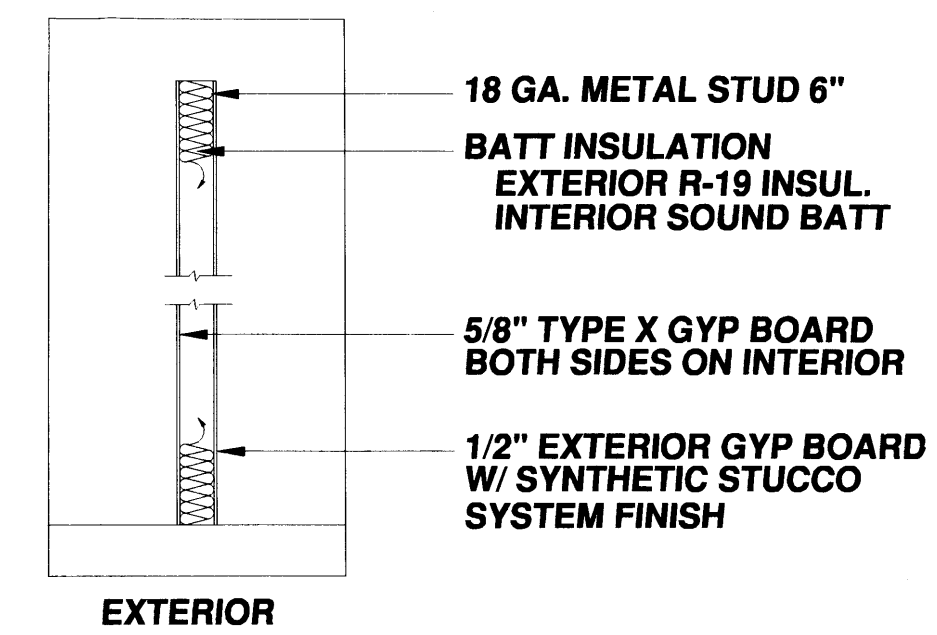
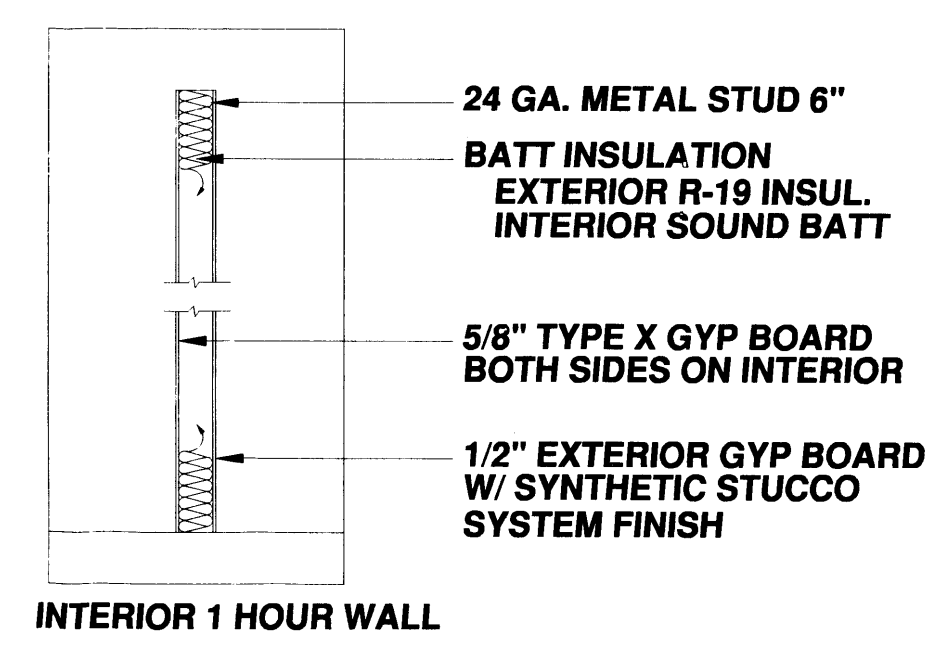
EXTERIOR WALL CONSTRUCTION 2"x6" METAL STUDS 18 GA. INSIDE INSTALL TYPE X 5/8" GYP BOARD OUTSIDE INSTALL EXTERIOR GYP BOARD W/ SYNTHETIC STUCCO SYSTEM

HALLWAYS 5' WIDE

ASSEMBLY AREA 500+  
 OCCUPANCY A-21  
 AREA 7,500 SF GROSS  
 <25%> STRUCTURE, EGRESS = 1,875  
 TARE = 5,625 SF \* 7=803

CHILDREN'S CHURCH  
 2,330 SF  
 CLASSROOMS  
 OCCUPANCY E-2  
 AREA 11,380 SF GROSS  
 <25%> STRUCTURE, EGRESS = 2,845 SF  
 TARE = 8,535 SF  
 OCCUPANT LOAD /20= 427

OFFICE AREA  
 OCCUPANCY B-1  
 AREA 4,300 SF GROSS  
 <25%> STRUCTURE, EGRESS = 1,075  
 TARE = 3,225 SF  
 OCCUPANT LOAD /100= 32



TYPE - II 1 HR CONSTRUCTION A2.1 OC. = 13500 SF ALLOWED  
 TYPE - II 1 HR CONSTRUCTION B-OC. = 18000 SF ALLOWED  
 TYPE - II 1 HR CONSTRUCTION E-OC. = 20,200 SF ALLOWED

SEPARATIONS - 1 HR CONSTRUCTION REQUIRED BETWEEN B1 AND A2.1  
 NO SEPARATION REQUIREMENT BETWEEN A2.1 AND E

**FAMILY WORSHIP CENTER  
 CHURCH IMPROVEMENTS**

GLEN RIO RD.  
 ALBUQUERQUE, NEW MEXICO



SHEET TITLE  
**CODE ANALYSIS PLAN**

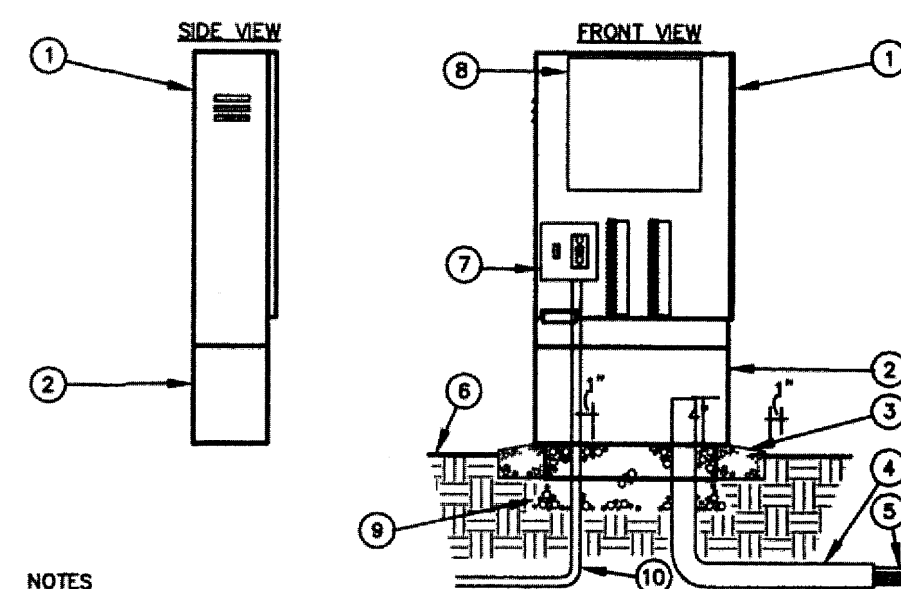
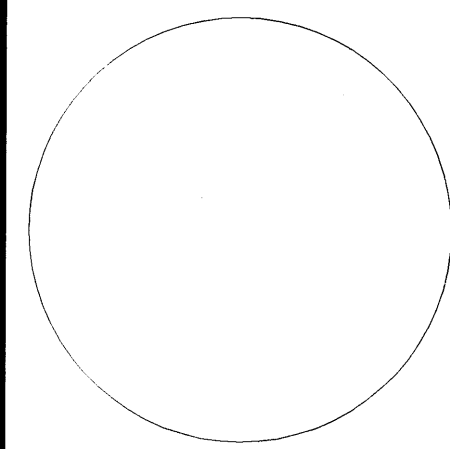
SCALE  
 1" = 10'-0"

**G2** 2 OF 50

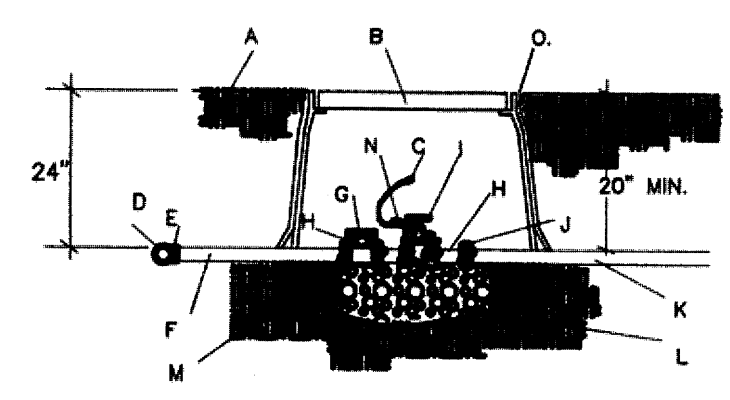
SCALE: 1" = 10'-0"

FLOOR PLAN W/ UBC DESIGNATIONS

DATE: FEB-13-05 DRAWN: DESIGN:

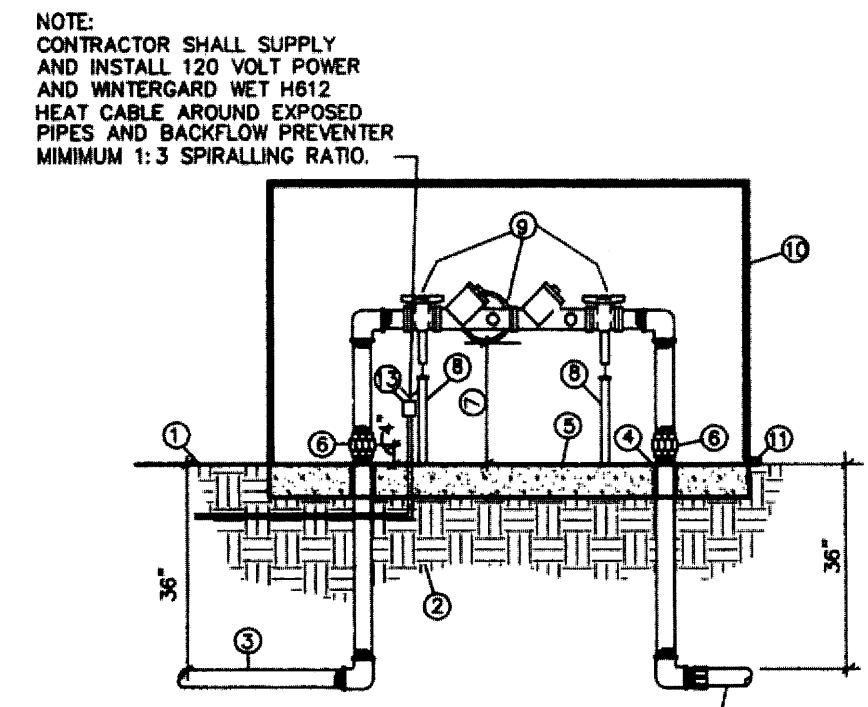


- NOTES
- ① CONTROLLER ENCLOSURE SEE LEGEND
  - ② OPTIONAL PEDESTAL
  - ③ POURED 3000 PSI CONCRETE BASE 6" MIN. THICKNESS - EXTEND 6" BEYOND OUTSIDE DIMENSIONS OF ENCLOSURE WITH 1/2% SLOPE FOR DRAINAGE.
  - ④ PVC LONG SWEEP ELL-USE ONE SWEEP ELL PER CONTROLLER.
  - ⑤ DIRECT BURIAL CONTROL WIRES TO CONTROL VALVES.
  - ⑥ FINISH GRADE.
  - ⑦ CONTROLLER SUB-ASSEMBLY (CSA) INCLUDES GPI & TERMINAL STRIPS WITH PLACARDS
  - ⑧ AUTOMATIC CONTROLLER. (SEE LEGEND).
  - ⑨ 3/4" WASHED ROCK.
  - ⑩ 120-VOLT SERVICE IN CONDUIT.
- F 5** CONTROLLER ENCLOSURE NTS

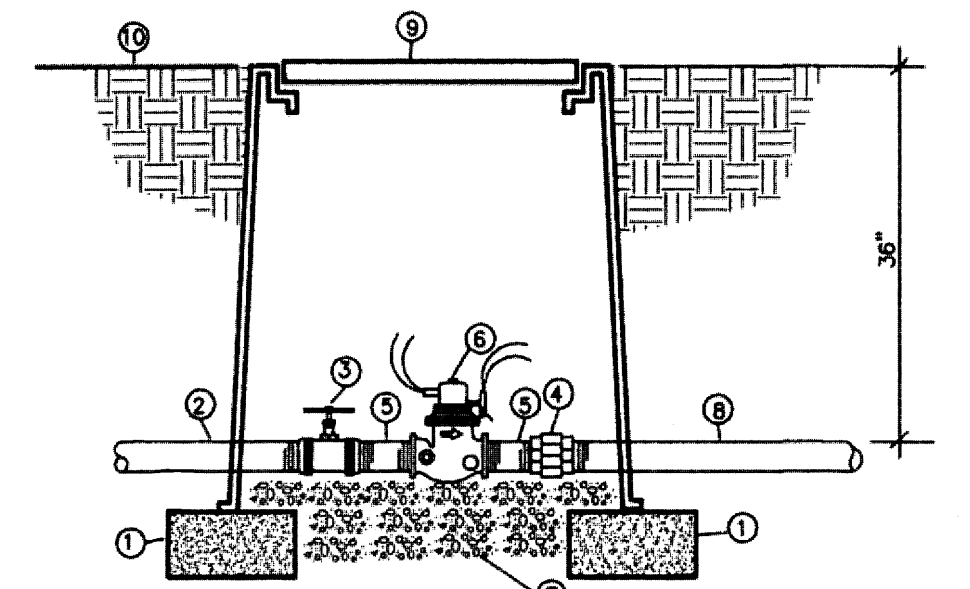


**4** IRRIGATION ELECTRIC VALVE NOT TO SCALE

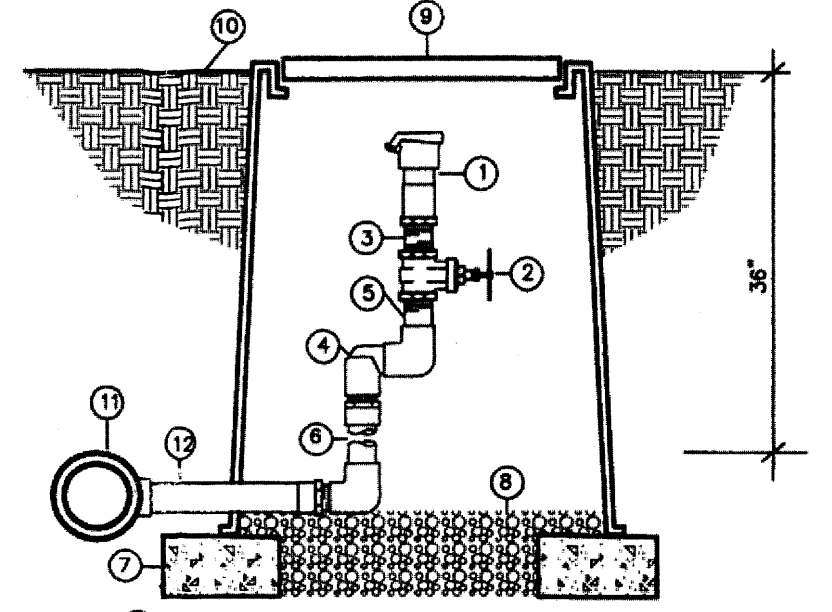
- GENERAL NOTES:
1. INSTALL AND 8" X 8" X 16" SOLID CMU BLOCK AT EACH CORNER OF THE VALVE BOX.
  2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.
- CONSTRUCTION NOTES:
- A. FINISH GRADE
  - B. BROOKS PRODUCTS, INC. 1419-18 BODY (ABS) VALVE BOX WITH 1419 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
  - C. 3M SCOTCHLOK CONNECTORS.
  - D. IRRIGATION MAINLINE/LATERAL MAINLINE.
  - E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
  - F. SCHEDULE 80 PVC NIPPLE.
  - G. SPEARS TRUE UNION SCHEDULE 80 PVC BALL VALVE.
  - H. SCHEDULE 80 PVC CLOSE NIPPLE
  - I. ELECTRIC VALVE (SEE PLAN)
  - J. SPEARS SCHEDULE 80 PVC UNION.
  - K. LATERAL LINE.
  - L. CUBIC FOOT 1" DIAMETER WASHED ROCK.
  - M. 8" X 8" X 16" SOLID CMU BLOCK.
  - N. 24" WIRE EXPANSION COIL.
  - O. 6 mm BLACK POLYETHYLENE PLASTIC TAPE TO ALL INLET AND OUTLET PIPE.



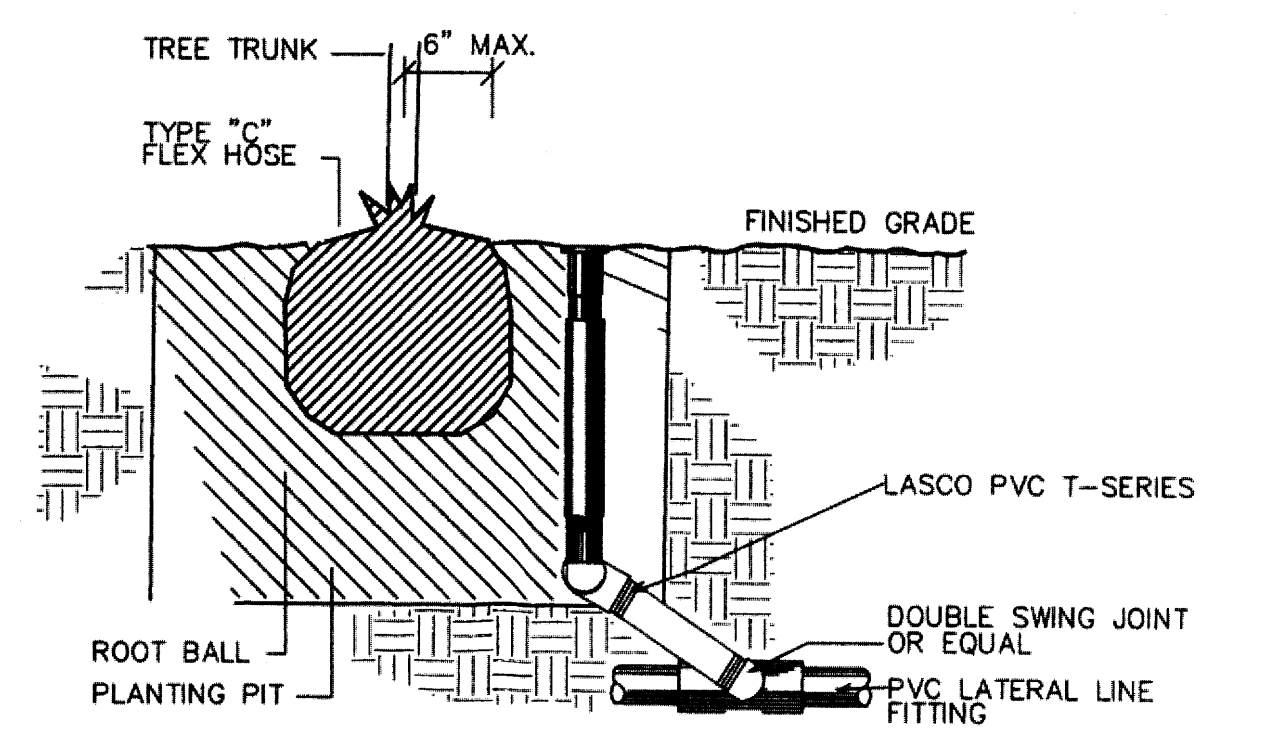
- NOTE: CONTRACTOR SHALL SUPPLY AND INSTALL 120 VOLT POWER AND WINTERGARD WET 8812 HEAT CABLE AROUND EXPOSED PIPES AND BACKFLOW PREVENTER MINIMUM 1:3 SPIRALLING RATIO.
- CONSTRUCTION NOTES:
- ① FINISH GRADE
  - ② COMPACTED SUBGRADE
  - ③ SERVICE LINE, NO OUTLETS ALLOWED
  - ④ ADEQUATE SLEEVE & INSULATION (MIN. 1" THICK)
  - ⑤ MIN. 4" 3000 PSI CONCRETE SLAB
  - ⑥ UNIONS OF FLANGE FITTINGS, INSTALLED A MIN. OF 4" ABOVE GRADE
  - ⑦ 30" MAX., 12" MIN. (FROM LOWEST POINT OF ASSEMBLY TO TOP OF CONCRETE SLAB)
  - ⑧ PROVIDE METALLIC OR REINF. CONCRETE SUPPORTS ON UNITS GREATER THAN 2'
  - ⑨ APPROVED RHBA (SEE LEGEND)
  - ⑩ PROTECTIVE ENCLOSURE, SEE LEGEND
  - ⑪ DRAIN, SIZE TO HANDLE FULL DISCHARGE OF RELIEF VALVE
  - ⑫ IRRIGATION MAINLINE
  - ⑬ ELECTRIC OUTLET FOR PROTECTIVE ENCLOSURE AND HEAT CABLE
- D 5** REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY W/ MASTER VALVE AND FLOWMETER ASSEMBLY NTS



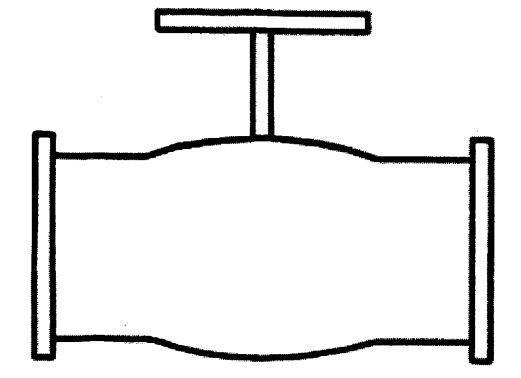
- CONSTRUCTION NOTES:
- ① 8"x8"x16" CMU BLOCK (SEE LEGEND)
  - ② SOLVENT WELD IRRIGATION MAINLINE CONNECTION TO REDUCED PRESSURE BACKFLOW PREVENTER
  - ③ SPEARS TRUE UNION SCH. 80 PVC BALL VALVE
  - ④ SPEARS SCH. 80 PVC UNION
  - ⑤ SCH. 80 PVC NIPPLE - 4" LENGTH
  - ⑥ BERMAD REMOTE CONTROL FLOWMETER (SEE LEGEND)
  - ⑦ 1" DIAMETER WASHED ROCK
  - ⑧ IRRIGATION MAINLINE
  - ⑨ BROOKS PRODUCTS INC., 1730-PB-18 BODY (ABS) VALVE BOX W/ 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION
  - ⑩ FINISH GRADE
- GENERAL NOTES:
1. THIS DETAIL DEMONSTRATES A MASTER VALVE ASSEMBLY W/ FLOWMETER INSTALLED DOWNSTREAM OF A REDUCED PRESSURE BACKFLOW PREVENTER
  2. INSTALLED ON 8"x8"x16" SOLID CMU BLOCK AT EACH CORNER OF THE VALVE BOX
  3. WASH ROCK SHALL BE FLUSH WITH BOTTOM OF PIPE AND VALVE
- F 5** QUICK COUPLER ASSEMBLY NTS



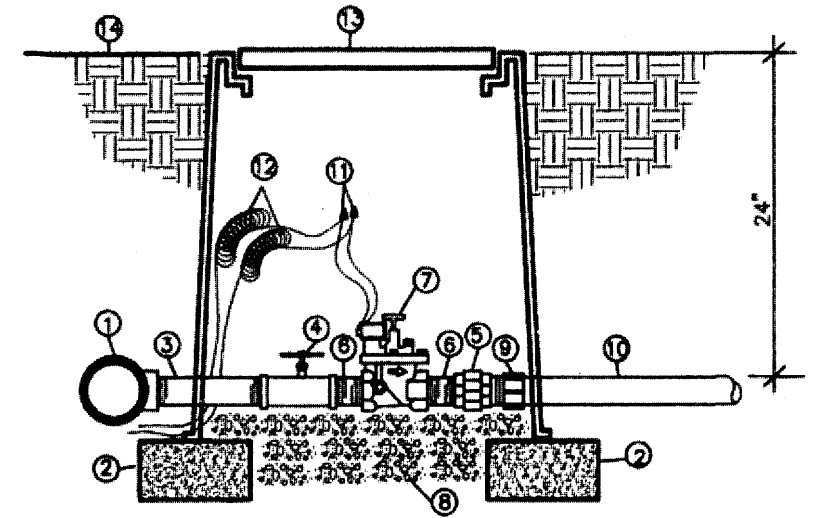
- ① QUICK COUPLER VALVE (SEE LEGEND)
  - ② SPEARS SCH. 80 PVC BALL VALVE
  - ③ SCH. 80 PVC NIPPLE - 2" LENGTH
  - ④ SPEARS S81-010 SWING JOINT
  - ⑤ SCH. 80 PVC EXTRUDED TEE NIPPLE - 6" LENGTH
  - ⑥ SCH. 80 PVC PIPE - 18" LENGTH
  - ⑦ CMU BLOCK - 2 PER VALVE BOX
  - ⑧ PEA GRAVEL - 4 CUBIC FEET
  - ⑨ BROOKS PRODUCTS INC., 1324-PB-18 BODY (ABS) WITH ONE 8" EXTENSION
  - ⑩ FINISH GRADE
  - ⑪ SCH. 40 PVC PIPE (LENGTH AS REQUIRED)
  - ⑫ MAINLINE FITTING
- F 5** TYP. INSTALLATION OF BUBBLER NTS



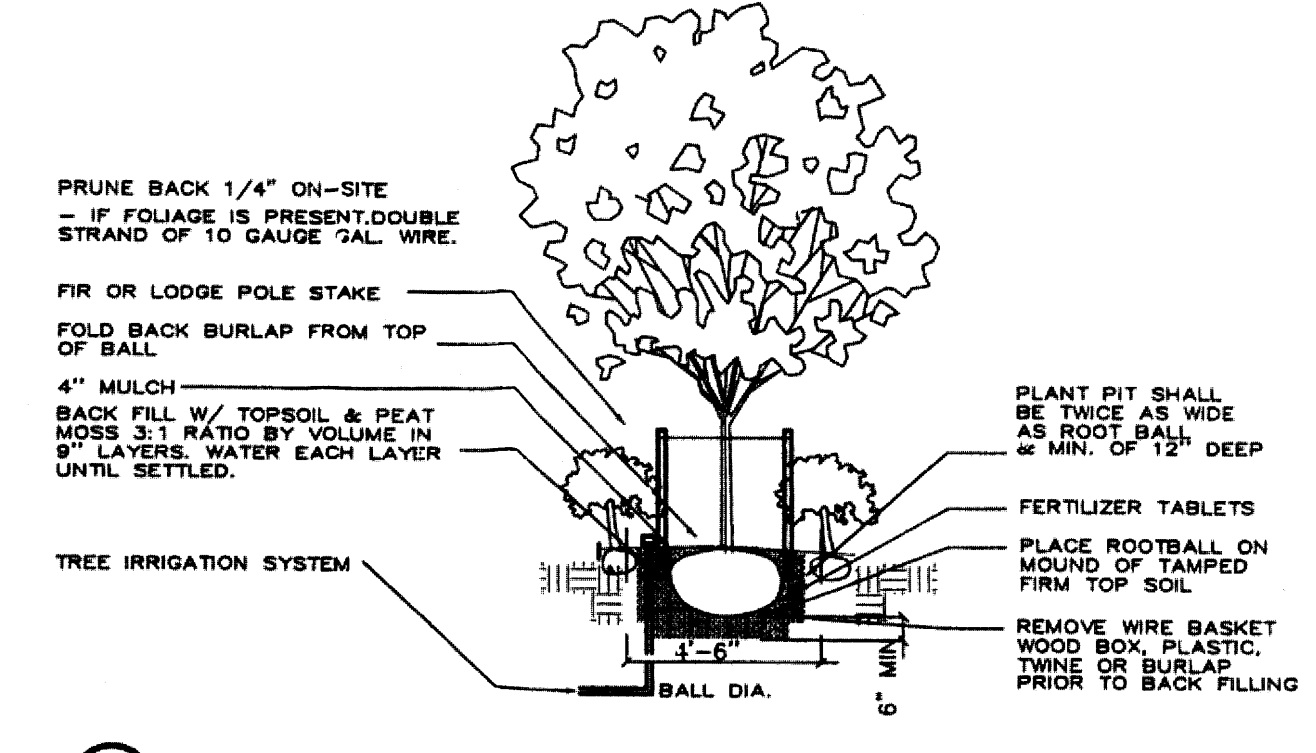
**3** TYP. INSTALLATION OF BUBBLER SCALE : NO SCALE



**2** TYP. GATE VALVE DETAIL SCALE : NO SCALE



- NOTE: CONTRACTOR SHALL INSTALL ONE AUTOMATIC VALVE ASSEMBLY PER VALVE BOX.
- ① MAINLINE FITTING
  - ② CMU BLOCK
  - ③ SCH. 80 PVC NIPPLE - 18" LENGTH
  - ④ SPEARS TRUE UNION SCH. 80 PVC BALL VALVE
  - ⑤ SPEARS SCH. 80 PVC UNION
  - ⑥ SCH. 80 PVC NIPPLE - 3" LENGTH
  - ⑦ AUTOMATIC VALVE (SEE LEGEND)
  - ⑧ PEA GRAVEL - 3 CUBIC FEET
  - ⑨ SCH. 40 PVC MALE ADAPTER
  - ⑩ LATERAL PIPE (SEE LEGEND)
  - ⑪ WATERPROOF WIRE CONNECTOR
  - ⑫ 36" WIRE EXPANSION LOOPS
  - ⑬ BROOKS PRODUCTS, INC. 1324 "B-18 BODY (ABS) VALVE BOX WITH 1324 BOLT DOWN COVER (ABS) AND W/ 8" EXTENSIONS AS REQUIRED
  - ⑭ FINISH GRADE
- H 5** AUTOMATIC VALVE ASSEMBLY NTS



**1** TYP. TREE PLANTING DETAIL SCALE : NO SCALE

**FAMILY WORSHIP CENTER  
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Phone (505)344-3711 Fax (505) 344-3142






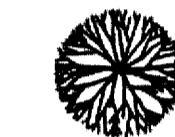
**SHEET TITLE  
LANDSCAPING DETAILS**

SCALE  
1/2" = 1'-0"






**L1.1** 11 OF 50

**LEGEND:**

**TREES**

-  LONDON PLAN 2" CALIPER
-  BRADFORD PEAR 2" CALIPER
-  COTTONWOOD 2" CALIPER
-  ASH 2" CALIPER
-  PONDEROSA PINE 6' MIN.
-  PINION 6' MIN.

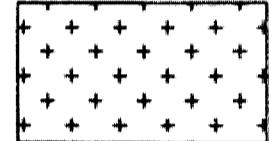
**SHRUBS**

-  APACHE PLUME (5 GAL.)
-  COTTONEASTER (5 GAL.)
-  SUMAC (5 GAL.)
-  LILAC (5 GAL.)
-  3-LEAF SUMAC (5 GAL.)

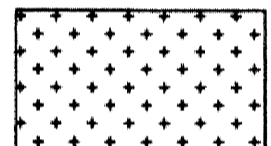
**GRASSES**

- BERMUDA GRASSES 1 LB./1,000 S.F.
- PARTULOCKA 1 LB./1,000 S.F.

POND BOTTOM  
ELEV = 6897.0

 LANDSCAPE PLANTER BED

 ASPHALTIC CONCRETE PAVEMENT

 GROUNDCOVER

**LANDSCAPE PHASING - PHASE ONE**

ALL LANDSCAPE SHOWN ON THIS DRAWING IS INCLUDED IN THE INITIAL, OR PHASE ONE INSTALLATION OF THE WORK.

NOTE THAT THE PHASE ONE WORK INCLUDES ALL STREETScape LANDSCAPING ALONG GLENRIO ROAD.

**DESIGN STATEMENT**  
A design in harmony with existing neighborhood standards.

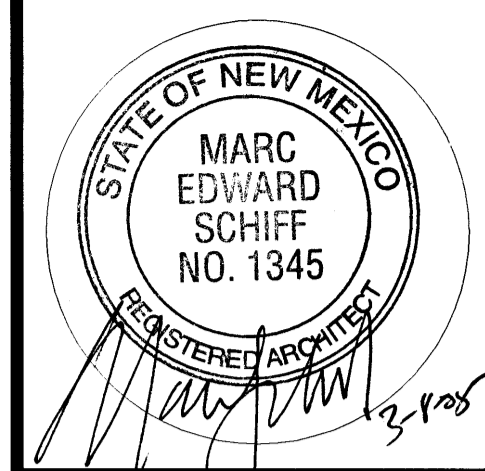
PROPERTY AREA - 2.5 ACRES = 108,900 S.F.  
LANDSCAPE REQUIRED @ 15% = 16,355 S.F.  
BUILDING AREA 28,000 S.F.  
PAVED AREA 85,000 S.F.  
TOTAL IMPERVIOUS SURFACE: 111,500 S.F.

**STREET TREES:**  
Deciduous Trees (50) - London Plan, 2" caliper, Roadway Trees @ 1:30'.  
Conifers (16)  
Shrubs, (1) gal  
@ 1/20s.f. @ Roadway Planters,  
@ 1/10s.f. @ Building Planters

Irrigation - Drip, Automatic, multi-zone @ trees and shrubs.  
Maintenance - It shall be the Owners responsibility to maintain the Landscape.  
Watering - All applicable Water Conservation Ordinances shall be fully adhered and complied with.

**LANDSCAPE PLANTERS:**

PLANTER A: 15,223 S.F.  
PLANTER B: 8,475 S.F.  
PLANTER C: 2,909 S.F.  
PLANTER D: 8,475 S.F.  
PLANTER E: 12,292 S.F.  
PLANTER F: 940 S.F.  
PLANTER G: 1,640 S.F.  
PLANTER H: 1,835 S.F.  
TOTAL PLANTERS PROVIDED: 51,789 S.F.



**FAMILY WORSHIP CENTER  
CHURCH IMPROVEMENTS**  
GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO

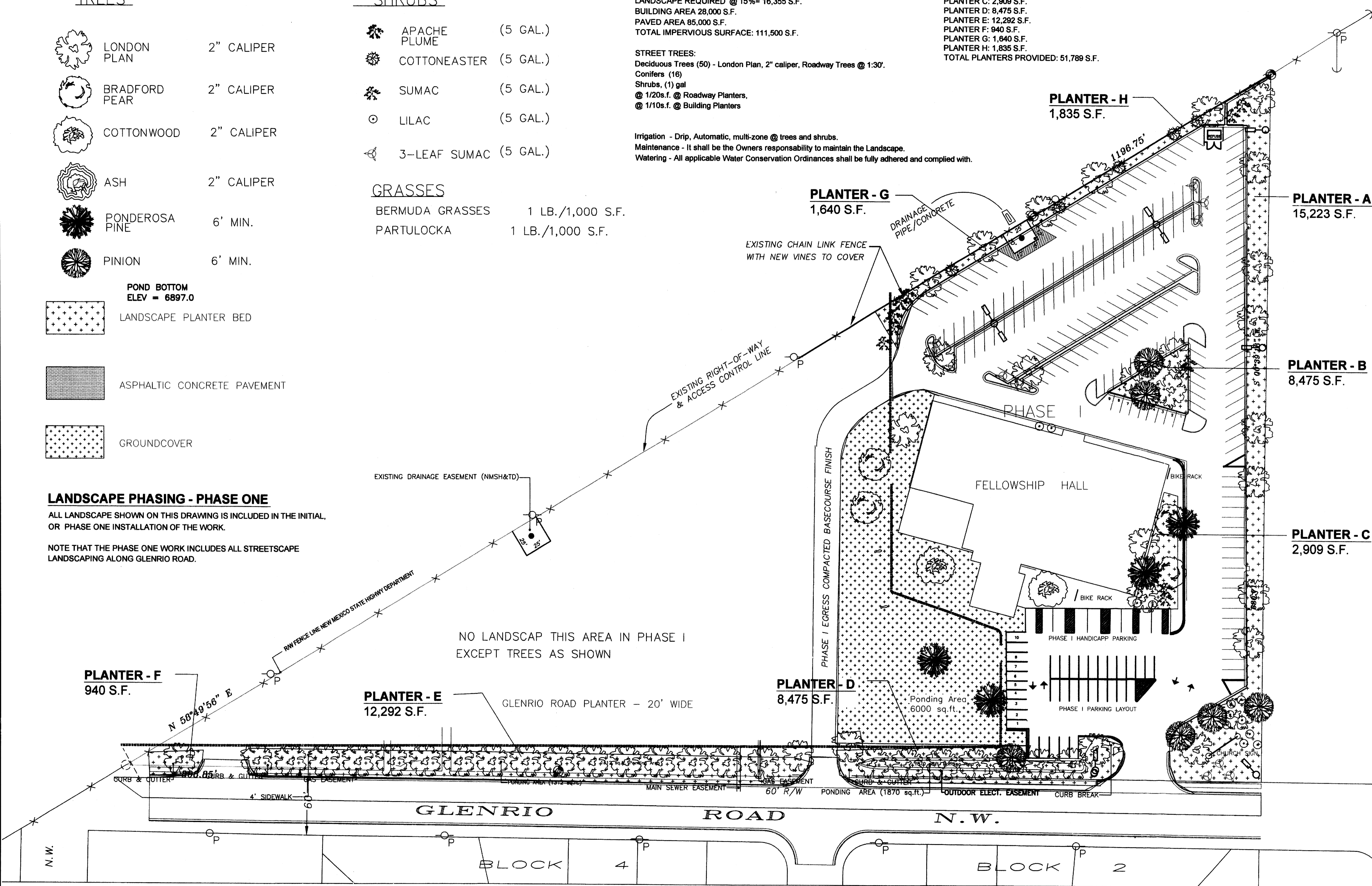
**Structural Contractors Inc.**  
103 Aztec N.W. Albuquerque, N.M. 87107  
Phone (505) 344-3711 Fax (505) 344-3142

**SHEET TITLE  
LANDSCAPE PLAN**

SCALE  
1" = 40'-0"

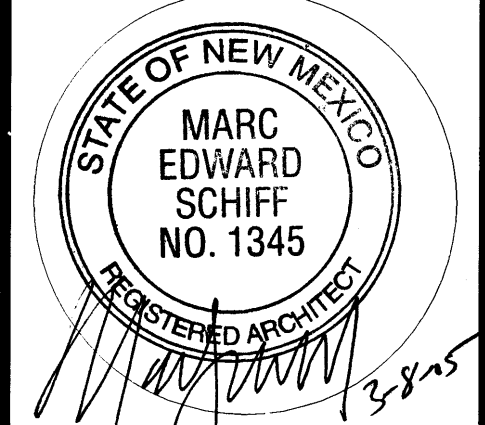
**L1** 10 OF 50

DATE: FEB-13-05 DRAWN: DESIGN:



SCALE: 1"=40'-0"

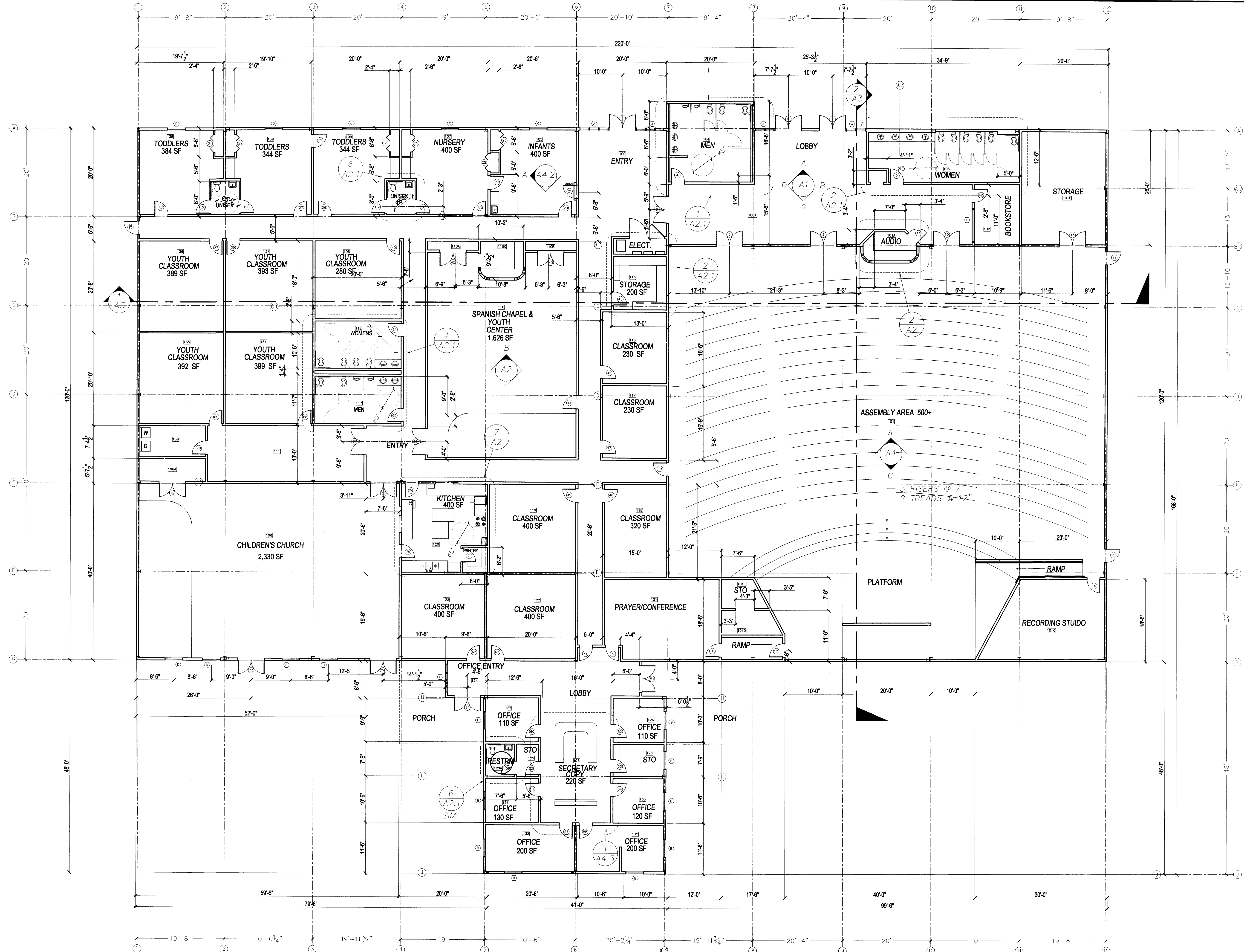
LANDSCAPE PLAN



**FAMILY WORSHIP CENTER  
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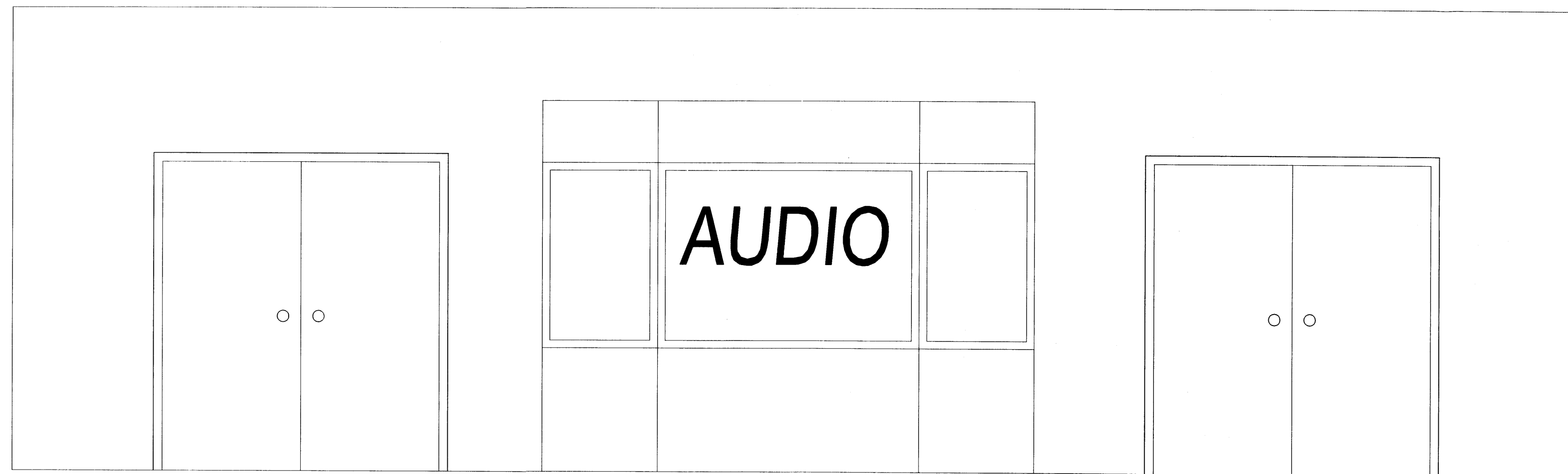
**SHEET TITLE  
FLOOR PLAN**  
 SCALE  
 1" = 10'-0"  
**A-1** 17 OF 50



SCALE: 1" = 10'-0"

FLOOR PLAN

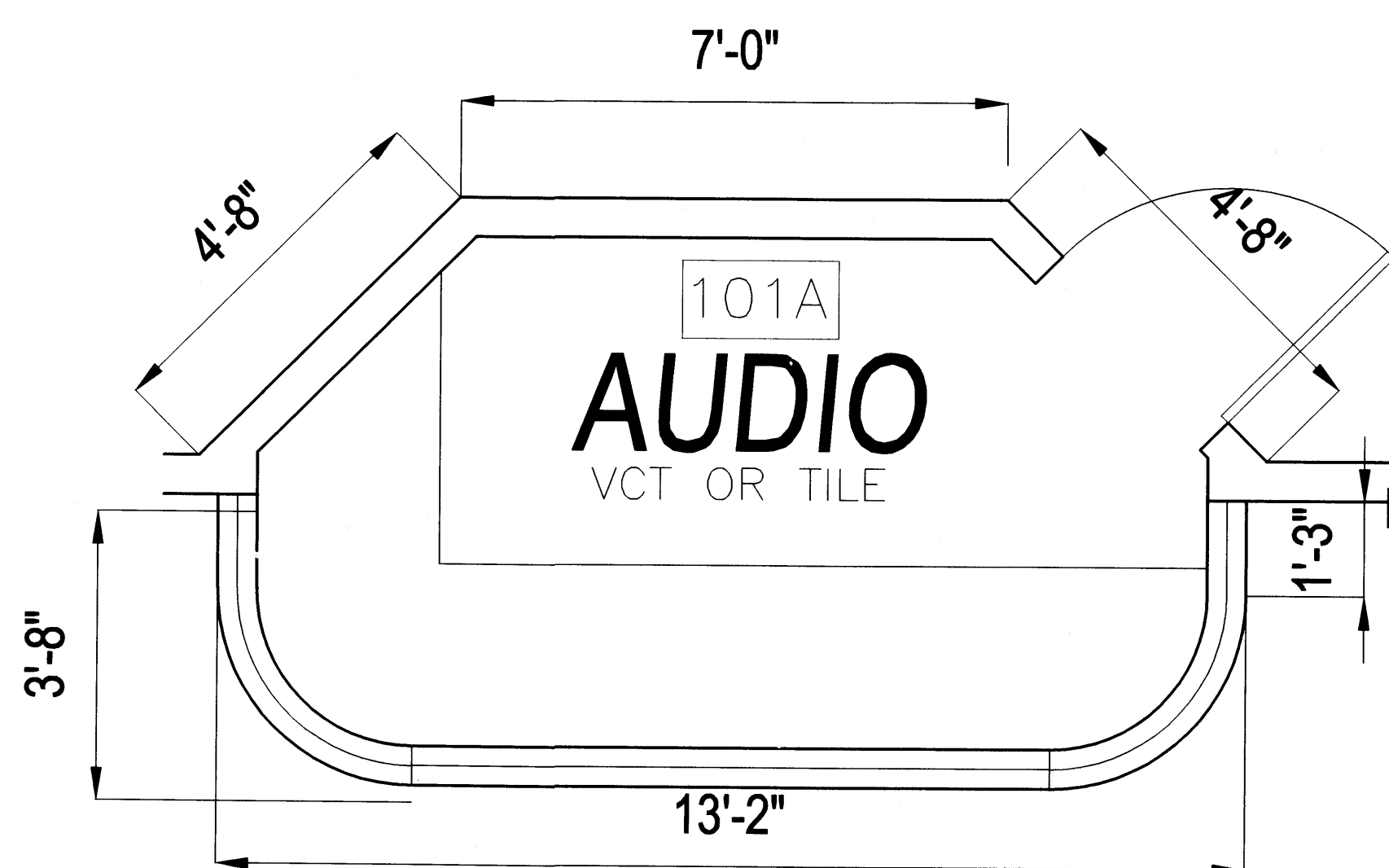
DATE: FEB-13-05 DRAWN: DESIGN:



B  
A1

SCALE 1/2" = 1'-0"

AUDIO CONTROL ROOM SPANISH CHAPEL & YOUTH CENTER



2  
A1

GENERAL NOTES

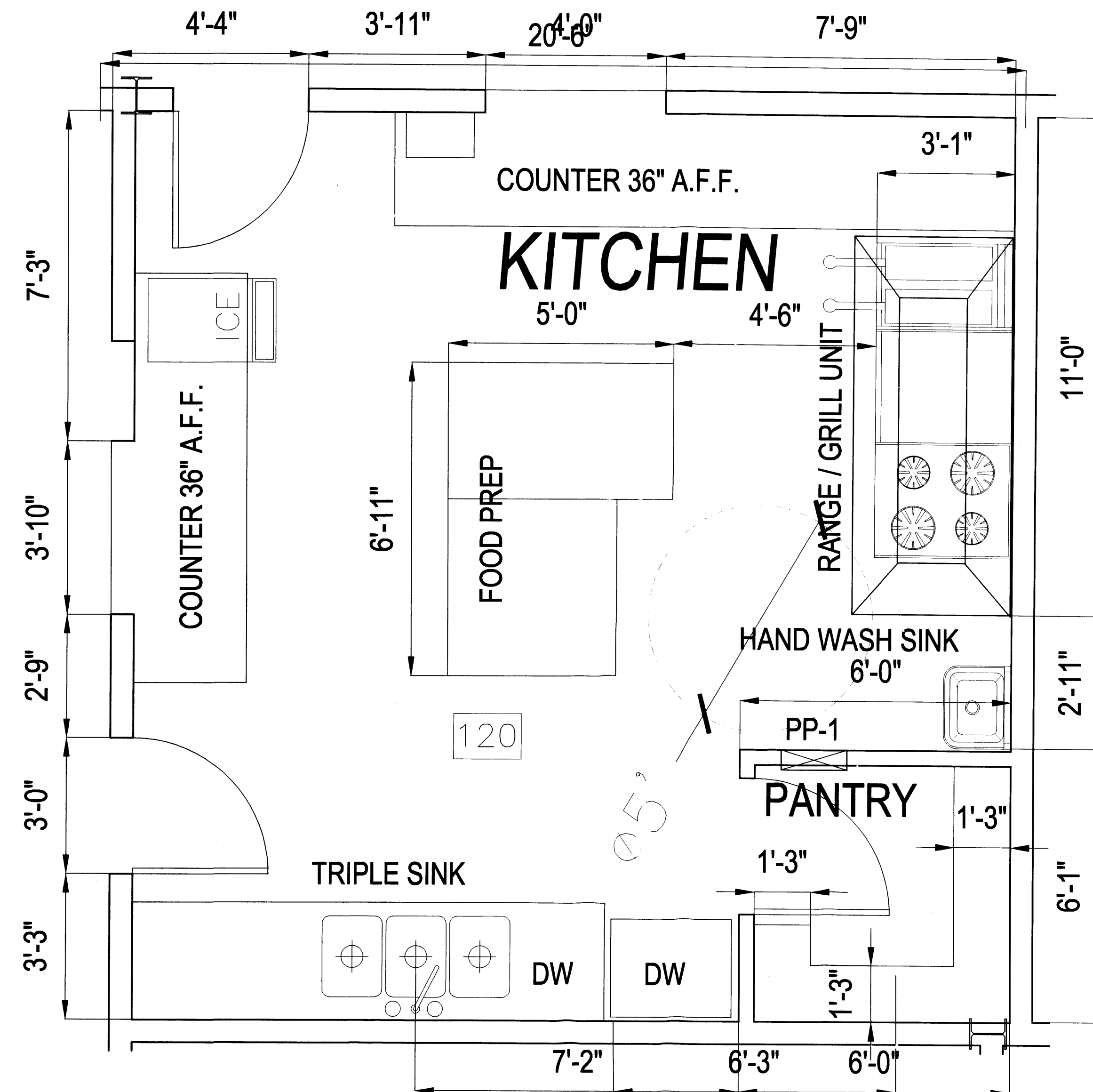
1. TYPE X 5/8" GYPSUM BOARD, TAPE, TEXTURE (ORANGE PEEL) INTERIOR WALLS UNLESS OTHERWISE SPECIFIED.
2. ALL WALLS SHALL HAVE SOUND INSULATION.
3. CEILING TO BE 5/8" GYPSUM BOARD TAPE, TEXTURE (ORANGE PEEL) OR VINYL SUSPENDED CEILING

SCALE: 1/2" = 1'-0"

AUDIO CONTROL ROOM ASSEMBLY AREA

GENERAL NOTES

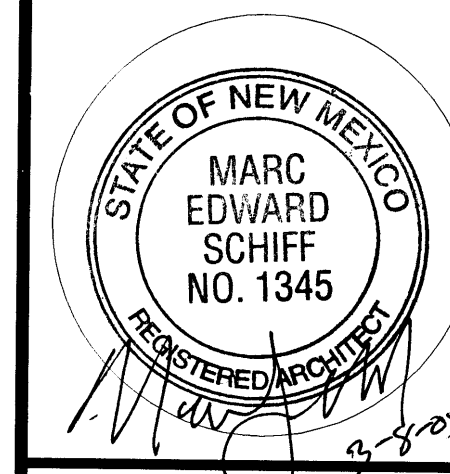
1. TYPE X 5/8" GYPSUM BOARD, TAPE, TEXTURE (ORANGE PEEL) INTERIOR WALLS UNLESS OTHERWISE SPECIFIED.
2. ALL WALLS SHALL HAVE SOUND INSULATION.
3. CEILING TO BE 5/8" GYPSUM BOARD TAPE, TEXTURE (ORANGE PEEL) OR VINYL SUSPENDED CEILING



7  
A1

SCALE 1/2" = 1'-0"

KITCHEN



FAMILY WORSHIP CENTER  
CHURCH IMPROVEMENTS

GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO



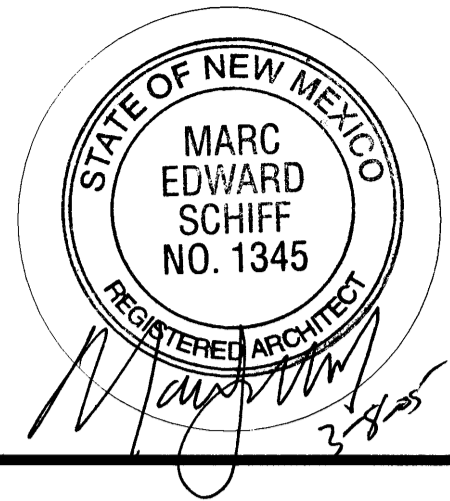
SHEET TITLE  
ENLARGED FLOORPLANS

SCALE  
1/2" = 1'-0"

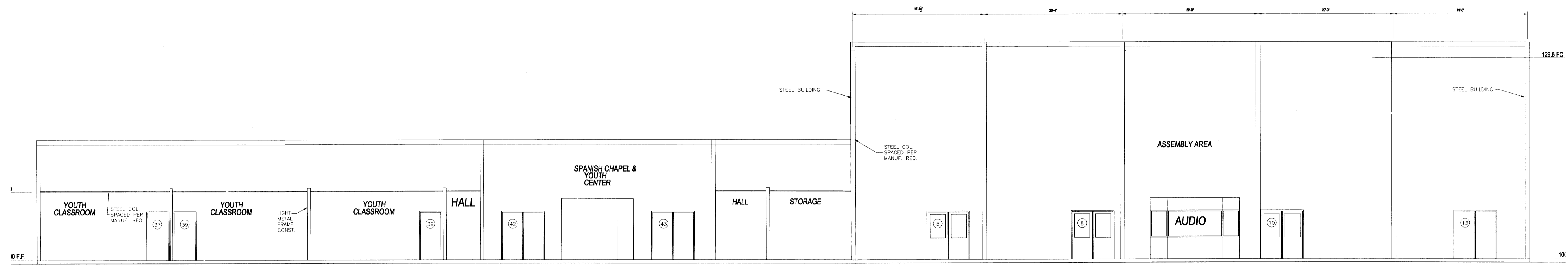
A2

20  
OF  
50

DATE: FEB-13-05 DRAWN: DESIGN:



GENERAL NOTES  
 1. TYPE X  $\frac{5}{8}$ " GYPSUM BOARD, TAPE, TEXTURE (ORANGE PEEL) INTERIOR WALLS UNLESS OTHERWISE SPECIFIED.  
 2. ALL WALLS SHELL HAVE SOUND INSULATION.



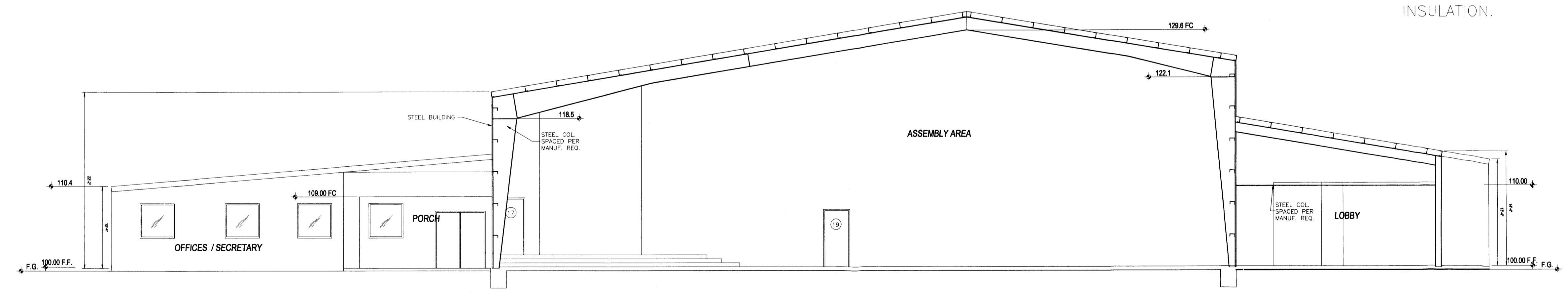
1  
A1

SCALE: 1/8" = 10'-0"

BACK ELEVATIONS

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 ALBUQUERQUE, NEW MEXICO

GENERAL NOTES  
 1. TYPE X  $\frac{5}{8}$ " GYPSUM BOARD, TAPE, TEXTURE (ORANGE PEEL) INTERIOR WALLS UNLESS OTHERWISE SPECIFIED.  
 2. ALL WALLS SHELL HAVE SOUND INSULATION.



2  
A1

SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

NORTH / SOUTH AXIS

BUILDING SECTIONS

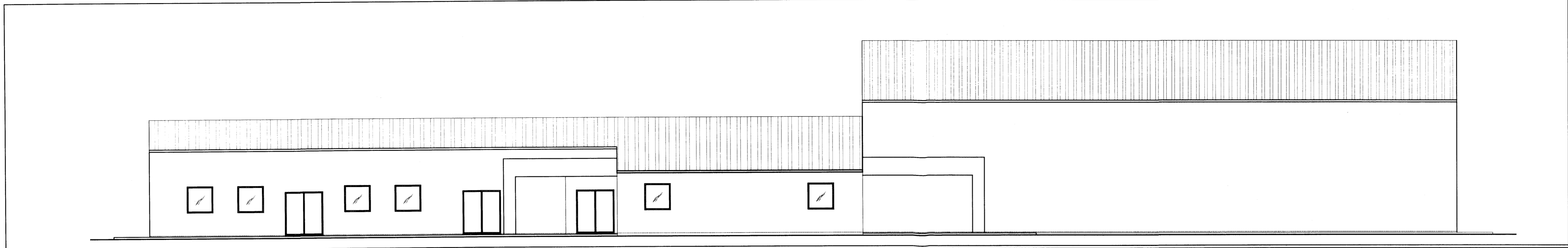
**Structural Contractors Inc.**  
 103 Aztec N.W. Albuquerque, N.M. 87107  
 Phone (505) 344-3711 Fax (505) 344-3142

SHEET TITLE  
**EXTERIOR ELEVATIONS**

SCALE  
 1/8" = 1'-0"

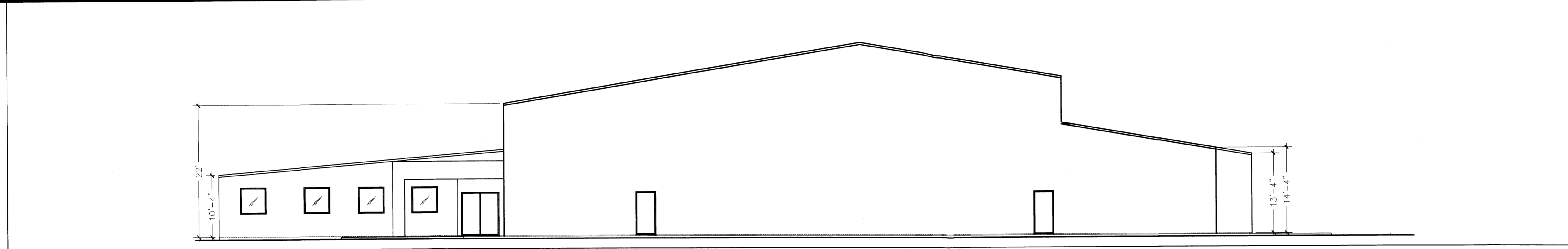
**A-3** 22 OF 50

DATE: FEB-13-05 DRAWN: DESIGN:



SCALE: 1" = 10'-0"

SOUTH ELEVATIONS



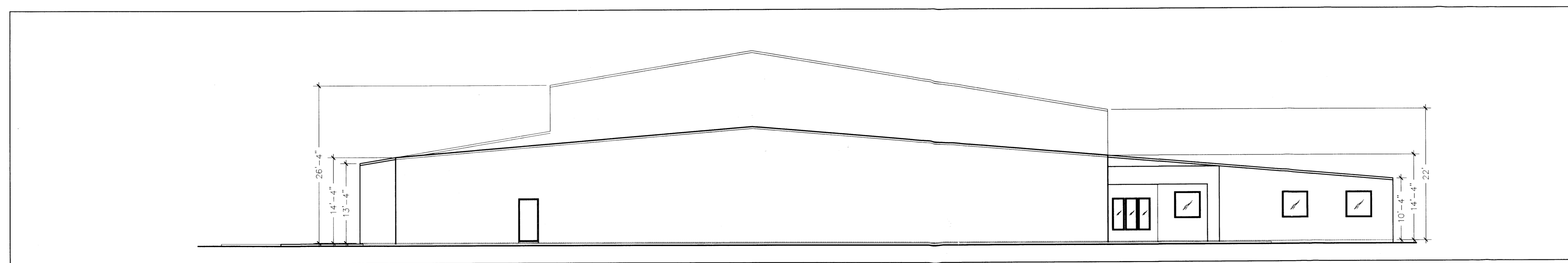
SCALE: 1" = 10'-0"

EAST ELEVATIONS



SCALE: 1" = 10'-0"

NORTH ELEVATIONS



SCALE: 1" = 10'-0"

SCALE: 1" = 10'-0"

WEST ELEVATIONS

EXTERIOR ELEVATIONS

FAMILY WORSHIP CENTER  
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ALBUQUERQUE, NEW MEXICO

*GRG*  
**Structural Contractors Inc.**  
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Phone (505)344-3711 Fax (505)344-3142

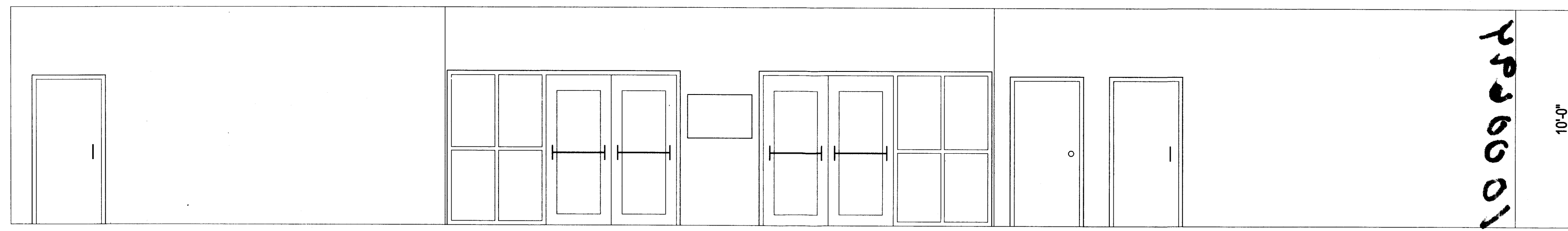
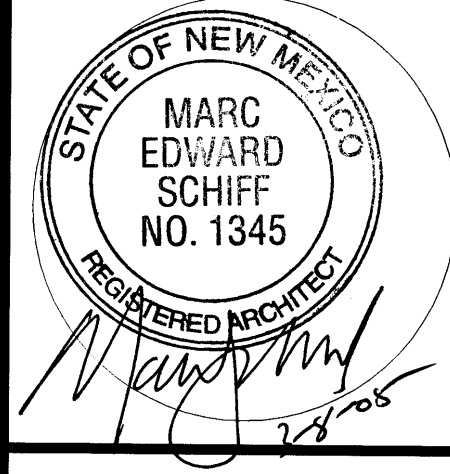
SHEET TITLE  
EXTERIOR ELEVATIONS

SCALE  
1" = 10'-0"

**A5** 28  
OF  
50

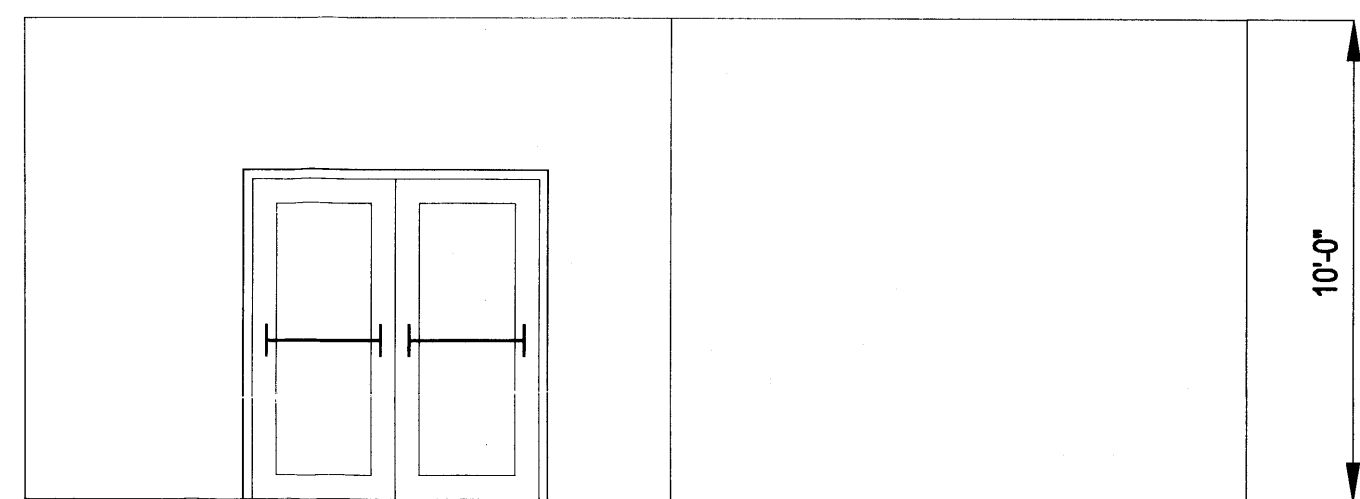
DATE: FEB-13-05  
DRAWN: -  
DESIGN: -



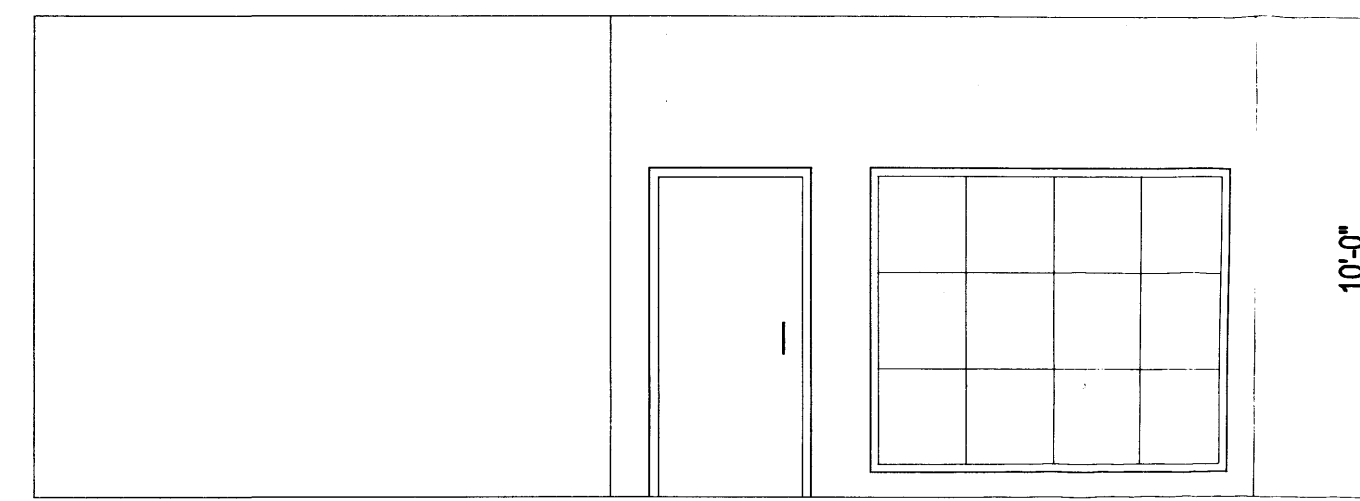


A  
A1

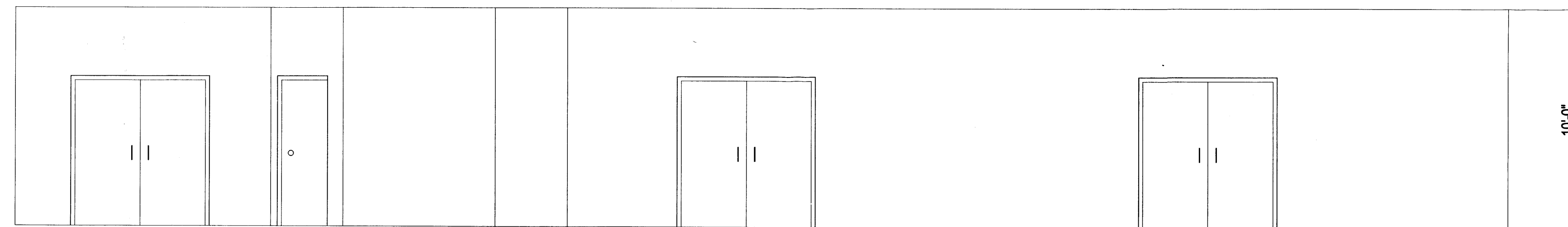
b60 2 # 1000 fdd



D  
A1



B  
A1



C  
A1

**FAMILY WORSHIP CENTER  
CHURCH IMPROVEMENTS**  
GLEN RIO RD.  
ALBUQUERQUE, NEW MEXICO

**Structural Contractors Inc.**  
103 Aztec N.W. Albuquerque, N.M. 87107  
Phone (505) 344-3711 Fax (505) 344-3142

SHEET TITLE  
**INTERIOR  
ELEVATIONS**

SCALE  
1/4" = 1'-0"

**A4.4** 27  
OF  
50

SCALE: 1/4" = 1'-0"

**LOBBY INTERIOR ELEVATIONS**

DATE: FEB-13-05 DRAWN: DESIGN:

PRO 5# 1000694