

NEW OFFICE BUILDING FOR FARM CREDIT OF NEW MEXICO ROSWELL, NEW MEXICO

A S A



ARCHITECTS

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ARCHITECT

ASA ARCHITECTS
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P.O. BOX 3852
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ELECTRICAL ENGINEER

POWELL ENGINEERING, INC.
P.O. BOX 23305
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STRUCTURAL ENGINEER

CHAVEZ - GRIEVES
CONSULTING ENGINEERS, INC.
101 N. ALAMEDA SUITE 1
LAS CRUCES, NM 88005
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LANDSCAPE ARCHITECT

MATTHEW BOROWSKI + ASSOC., INC.
P.O. BOX 32
LINCOLN, NM 88338
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FAX (505) 653-4067

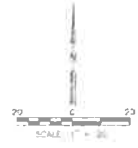
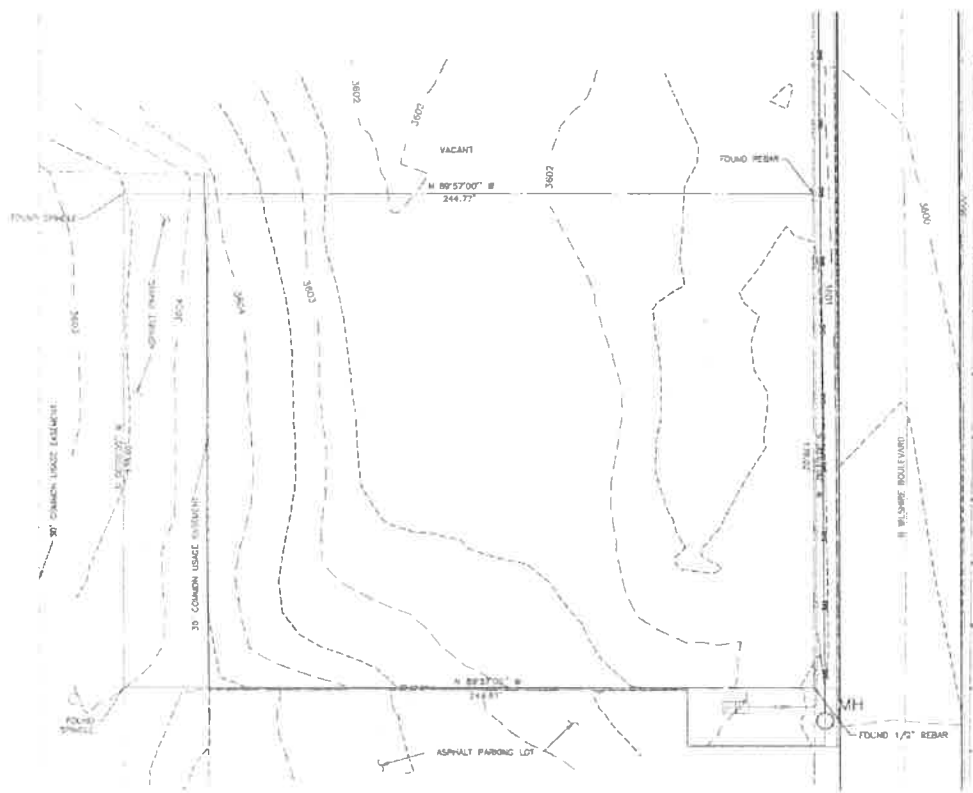
BUILDING USE SCHEDULE				
NUMERICAL AREA	ACTUAL AREA	CONSTRUCTION TYPE	OCCUPANT TYPE	SCOPES
1000 SF	1000 SF	P-1	OCCUP 1	10
EXIT WIDTH REQUIREMENTS				
1000 SF	1000 SF	10' MIN.	10' MIN.	10' MIN.



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6

FARM CREDIT OF NM "TOPOGRAPHIC SURVEY"
2730 WILSHIRE BOULEVARD, ROSWELL, NEW MEXICO 88201
 CHAVES COUNTY NEW MEXICO



- LEGEND
- VOID TIE
 - W— UNDER GROUND WATER LINE
 - SAG— UNDER GROUND SEWER LINE
 - LST— UNDERGROUND FIBER OPTIC LINE
 - UNDER GROUND WATER LINE
 - SAG— UNDER GROUND SEWER LINE
 - LST— UNDERGROUND FIBER OPTIC LINE
 - UNDER GROUND WATER LINE
 - SAG— UNDER GROUND SEWER LINE
 - LST— UNDERGROUND FIBER OPTIC LINE

NOTE
 THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS FROM BOUNDARY REPEAT OF LOT 3, TRACT 6-2 REPEAT WILSHIRE ADDITION.



Smith Engineering Company
 A Full Service Engineering Company
 10000 N. ...
 ...

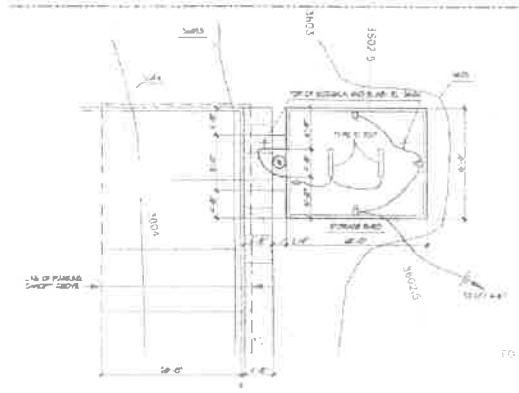
DATE: 11/15/2011	REVISIONS
DRAWN BY: J. ...	
CHECKED BY: ...	
PROJECT NO.: ...	
SHEET NO.: 1	
TITLE: TOPOGRAPHICAL SITE SURVEY	



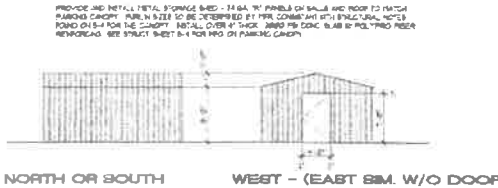
NEW OFFICE BUILDING
 FOR
FARM CREDIT OF NEW MEXICO
 ROSWELL, NEW MEXICO



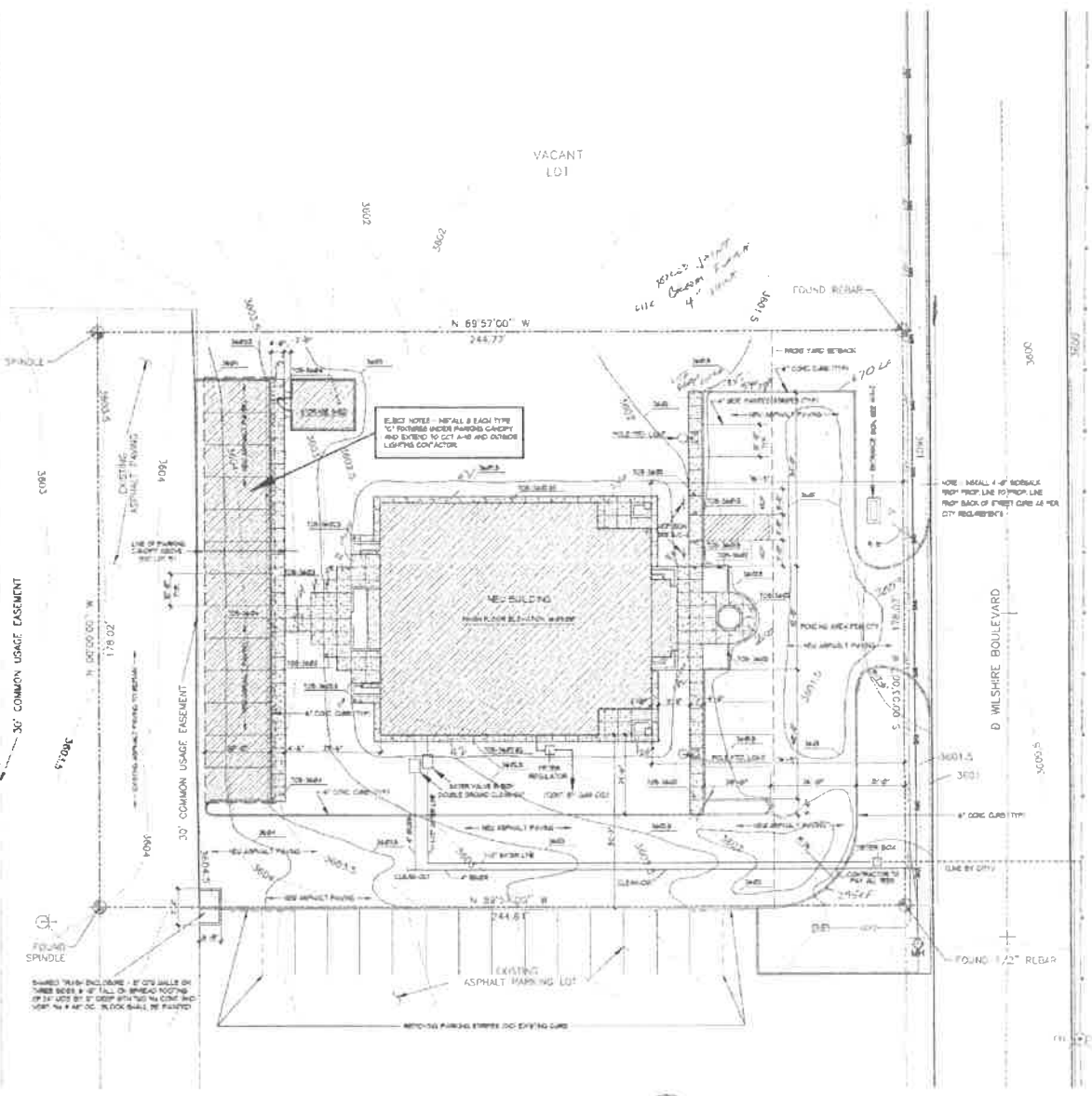
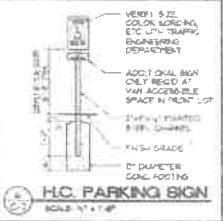
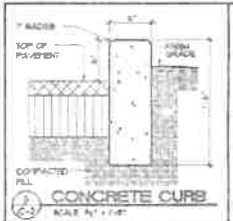
1001 ...
 ...
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STORAGE SHED - PLAN
SCALE: 1/4" = 1'-0"



STORAGE SHED - ELEV.
SCALE: 1/4" = 1'-0"



SITE GRADING + UTILITIES PLAN
SCALE: 1/8" = 1'-0"

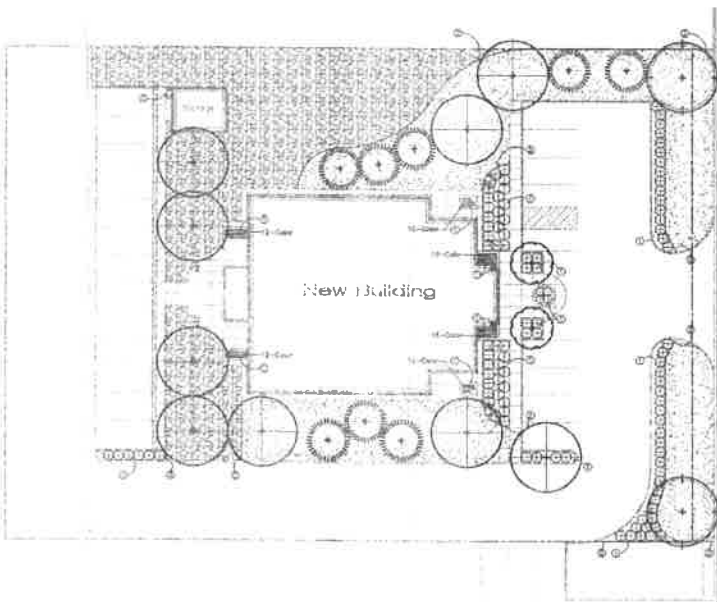
Scale as Noted
 Drawn by: GJ
 Checked by: JAS
 Date: 7/27/11
 From: No. 1
 Title: SITE GRADING + UTIL. PLAN



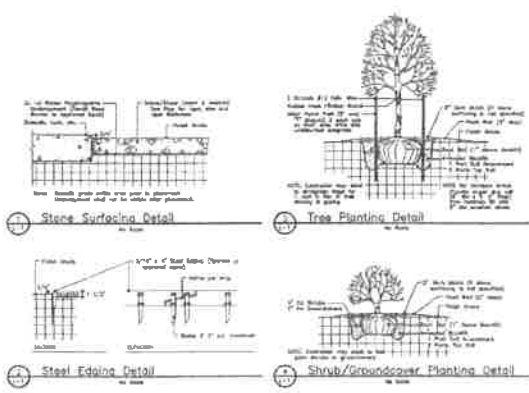
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 ROSWELL, NEW MEXICO

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 New Mexico
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 505 528-1111

C-2



Wishire Boulevard



LANDSCAPE DEVELOPMENT PLAN

Scale: 1" = 20'-0"



LEGEND

- Saded Bermuda Turf (see list note)
- Fan Control Crusher Fine Surfacing 2" max size
on minimum 4" compact base
- Large Descriptive Bark Surfacing 2" max size
underneath
- Steel Edging 3/4" x 4" painted green
height 2" max
- Plant Number
Shade Number where shown

GENERAL NOTES

1. The contractor shall verify the exact location of all existing and proposed utilities, one of all conditions prior to beginning construction. The contractor shall coordinate the work with the other contractor working on the site.
2. The final grade of all planting areas shall be uniform, with no erosion, rills or any furrows, depressions or other grading irregularities. The final grade of all landscape areas shall be graded consistently 2/4" below the top of surrounding walk, curbs, etc.
3. The contractor shall advise the location of all plants to be approved prior to planting. It shall be located away from all surrounding structures, materials, shrubs/ground covers shall be triangular and widely spaced.
4. The plant materials list is provided as an indication of the specific requirements of the project landscape. A variance in quantity with the quantity shown on the drawings shall govern.
5. The contractor shall not amend drawings in any way. The contractor shall change anything possible on-site only from the existing conditions.
6. The contractor shall maintain a work until ALL work is complete and accepted by the Owner.

PLANT MATERIALS LIST

Number/Quantity	Common Name	Size	Height	Remarks
3	Shaded Pine	2" cal	10'	
1	Texas Red Oak	2" cal	10'	
2	Trident Maple	2" cal	10'	2" cal minimum
1	Australian Pine	2" cal	10'	2" cal minimum
1	Over 1000 Hawthorn	3" gal	8"	
2	Water Oak	3" gal	10"	
1	Golden Pigeonwood	3" gal	12"	
1	Yucca	3" gal	8"	
1	Stemless Cactus	4" gal	12"	

All plant materials shall be No. 1 grade or better with full, symmetrical branching habits listed or coordinated.

LANDSCAPE OROBANCE STATISTICAL DATA

TOTAL PROJECT AREA	Area	Proposed	Proposed
Total Site Parking Area	21925 sq ft		
Landscape Area	108	2193 sq ft	15630 sq ft
Trees	3	770 sq ft	3 each
Shrubs	26	100 sq ft	635 each
Lawns	108	2193 sq ft	7530 sq ft

DATE:	AS BUILT	REVISIONS:
DRAWN BY:	02-12-99	
CHECKED BY:	MS	
DATE:	02-12-99	
PROJECT NO.:	02-12-99	
SCALE:	AS SHOWN	
DESIGNED BY:	ASA ARCHITECTS	



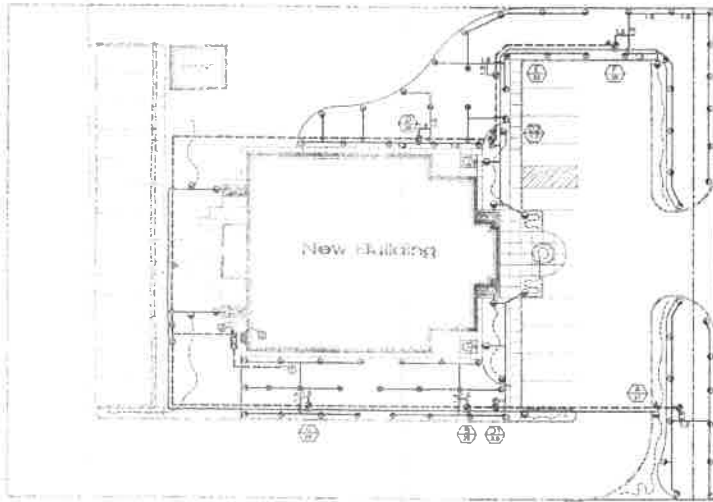
NEW OFFICE BUILDING
 FOR
FARM CREDIT of NEW MEXICO
 ROSWELL, NEW MEXICO



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BID LOT #3
LANDSCAPE/IRRIGATION
 ALL WORK SHOWN ON THIS SHEET TO BE FURNISHED AND INSTALLED AS PART OF BID LOT #3

L-1



Wilshire Boulevard

IRRIGATION PLAN

Scale: 1" = 20' 0"



LEGEND

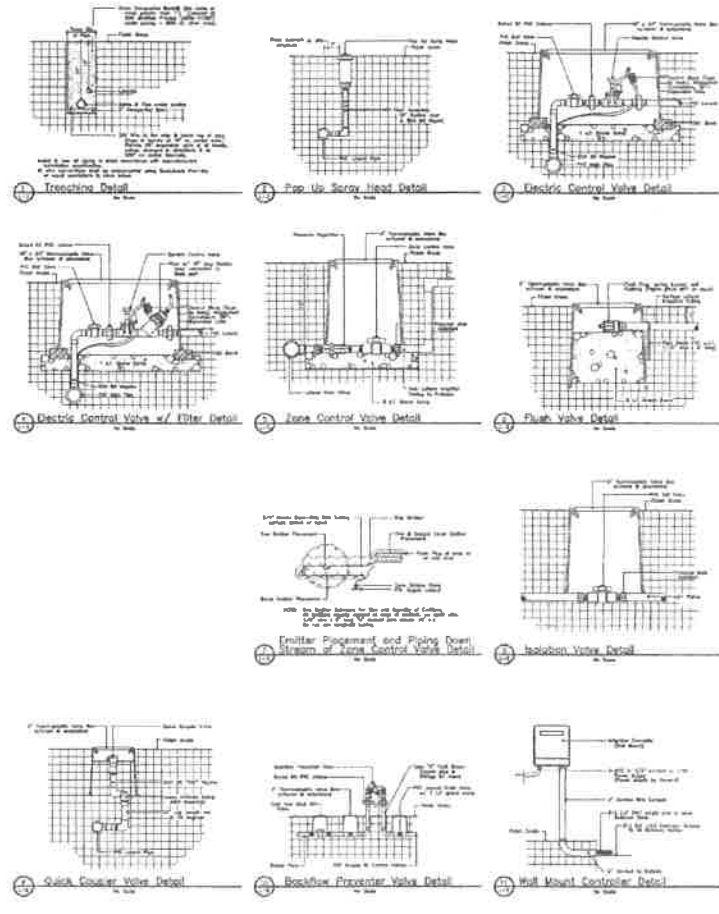
- MAIN PIPE: 2" Service to PVC, 4" class water main
- LATERAL PIPING: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Zone Control Valve: 2" or 2 1/2" Zone Valve, 1" or 1 1/2" class water main
- SUB-LATERAL PIPING: 1/4" or 1/2" Poly Prop. 1/2" or 3/4" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Relieving #100-115: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
- Station location and JMW's

KEYED NOTES

- 1) Irrigation System Test Point: Verify 60 psi @ 40 gpm and note check on meter. Coordinate with Contractor & City.
- 2) Control Valves: 1" or 1 1/2" Zone Valve, 1" or 1 1/2" Class Water Main. Coordinate with Contractor & City.
- 3) 2" Mainline Control Valve

GENERAL NOTES

- 1) The Contractor shall verify the exact location of all existing and proposed utilities and all site conditions prior to beginning construction. Any change indicated by the Contractor shall be verified or approved or to additional work in the same location or branch and noted away from the plans or areas of coverage. Also, any existing utilities shall be marked with spray paint at 2' intervals.
- 2) All Electric Control Valve #100-115 and Control Valve #100-115 shall be tested before, after install, and all valves/connections shall be inspected. Proper operation of all valves shall be noted on record drawings.
- 3) Maximum of minimum clearance between pipe running in the same trench. Control valve shall always be to the side and same the top of the pipe running in the same trench.
- 4) All signaling devices for valve control surfaces (control valves, etc.) shall be protected by 1/4" or 3/8" PVC sleeves. Sleeves shall be able to hold the valve diameter of the device if greater than the sleeve's outer diameter of all parts attached to the sleeve.
- 5) The contractor shall test and adjust the irrigation system to meet all water pressure and run with the stated water or to the site building, etc. This shall include adjusting heads, nozzles, etc. as needed.
- 6) The contractor shall provide the Owner with As-Built Drawings to be kept on file to support of final payment.
- 7) All 1/2" or 3/4" Zone Control Valve Single Outlet Valves:
 - 1/2" Zone Control Valve: 1/2" or 3/4" PVC, 1" or 1 1/2" class water main
 - 3/4" Zone Control Valve: 3/4" or 1" PVC, 1 1/2" or 2" class water main
 - 1" Zone Control Valve: 1" or 1 1/2" PVC, 2" or 2 1/2" class water main
- 8) All 1" or 1 1/2" Zone Control Valve: 1" or 1 1/2" PVC, 2" or 2 1/2" class water main
- 9) All 2" Zone Control Valve: 2" or 2 1/2" PVC, 3" or 3 1/2" class water main
- 10) All 3" Zone Control Valve: 3" or 3 1/2" PVC, 4" or 4 1/2" class water main
- 11) All 4" Zone Control Valve: 4" or 4 1/2" PVC, 5" or 5 1/2" class water main
- 12) All 6" Zone Control Valve: 6" or 6 1/2" PVC, 7" or 7 1/2" class water main
- 13) All 8" Zone Control Valve: 8" or 8 1/2" PVC, 9" or 9 1/2" class water main
- 14) All 10" Zone Control Valve: 10" or 10 1/2" PVC, 11" or 11 1/2" class water main
- 15) All 12" Zone Control Valve: 12" or 12 1/2" PVC, 13" or 13 1/2" class water main
- 16) All 14" Zone Control Valve: 14" or 14 1/2" PVC, 15" or 15 1/2" class water main
- 17) All 16" Zone Control Valve: 16" or 16 1/2" PVC, 17" or 17 1/2" class water main
- 18) All 18" Zone Control Valve: 18" or 18 1/2" PVC, 19" or 19 1/2" class water main
- 19) All 20" Zone Control Valve: 20" or 20 1/2" PVC, 21" or 21 1/2" class water main
- 20) All 22" Zone Control Valve: 22" or 22 1/2" PVC, 23" or 23 1/2" class water main
- 21) All 24" Zone Control Valve: 24" or 24 1/2" PVC, 25" or 25 1/2" class water main
- 22) All 26" Zone Control Valve: 26" or 26 1/2" PVC, 27" or 27 1/2" class water main
- 23) All 28" Zone Control Valve: 28" or 28 1/2" PVC, 29" or 29 1/2" class water main
- 24) All 30" Zone Control Valve: 30" or 30 1/2" PVC, 31" or 31 1/2" class water main
- 25) All 32" Zone Control Valve: 32" or 32 1/2" PVC, 33" or 33 1/2" class water main
- 26) All 34" Zone Control Valve: 34" or 34 1/2" PVC, 35" or 35 1/2" class water main
- 27) All 36" Zone Control Valve: 36" or 36 1/2" PVC, 37" or 37 1/2" class water main
- 28) All 38" Zone Control Valve: 38" or 38 1/2" PVC, 39" or 39 1/2" class water main
- 29) All 40" Zone Control Valve: 40" or 40 1/2" PVC, 41" or 41 1/2" class water main
- 30) All 42" Zone Control Valve: 42" or 42 1/2" PVC, 43" or 43 1/2" class water main
- 31) All 44" Zone Control Valve: 44" or 44 1/2" PVC, 45" or 45 1/2" class water main
- 32) All 46" Zone Control Valve: 46" or 46 1/2" PVC, 47" or 47 1/2" class water main
- 33) All 48" Zone Control Valve: 48" or 48 1/2" PVC, 49" or 49 1/2" class water main
- 34) All 50" Zone Control Valve: 50" or 50 1/2" PVC, 51" or 51 1/2" class water main
- 35) All 52" Zone Control Valve: 52" or 52 1/2" PVC, 53" or 53 1/2" class water main
- 36) All 54" Zone Control Valve: 54" or 54 1/2" PVC, 55" or 55 1/2" class water main
- 37) All 56" Zone Control Valve: 56" or 56 1/2" PVC, 57" or 57 1/2" class water main
- 38) All 58" Zone Control Valve: 58" or 58 1/2" PVC, 59" or 59 1/2" class water main
- 39) All 60" Zone Control Valve: 60" or 60 1/2" PVC, 61" or 61 1/2" class water main
- 40) All 62" Zone Control Valve: 62" or 62 1/2" PVC, 63" or 63 1/2" class water main
- 41) All 64" Zone Control Valve: 64" or 64 1/2" PVC, 65" or 65 1/2" class water main
- 42) All 66" Zone Control Valve: 66" or 66 1/2" PVC, 67" or 67 1/2" class water main
- 43) All 68" Zone Control Valve: 68" or 68 1/2" PVC, 69" or 69 1/2" class water main
- 44) All 70" Zone Control Valve: 70" or 70 1/2" PVC, 71" or 71 1/2" class water main
- 45) All 72" Zone Control Valve: 72" or 72 1/2" PVC, 73" or 73 1/2" class water main
- 46) All 74" Zone Control Valve: 74" or 74 1/2" PVC, 75" or 75 1/2" class water main
- 47) All 76" Zone Control Valve: 76" or 76 1/2" PVC, 77" or 77 1/2" class water main
- 48) All 78" Zone Control Valve: 78" or 78 1/2" PVC, 79" or 79 1/2" class water main
- 49) All 80" Zone Control Valve: 80" or 80 1/2" PVC, 81" or 81 1/2" class water main
- 50) All 82" Zone Control Valve: 82" or 82 1/2" PVC, 83" or 83 1/2" class water main
- 51) All 84" Zone Control Valve: 84" or 84 1/2" PVC, 85" or 85 1/2" class water main
- 52) All 86" Zone Control Valve: 86" or 86 1/2" PVC, 87" or 87 1/2" class water main
- 53) All 88" Zone Control Valve: 88" or 88 1/2" PVC, 89" or 89 1/2" class water main
- 54) All 90" Zone Control Valve: 90" or 90 1/2" PVC, 91" or 91 1/2" class water main
- 55) All 92" Zone Control Valve: 92" or 92 1/2" PVC, 93" or 93 1/2" class water main
- 56) All 94" Zone Control Valve: 94" or 94 1/2" PVC, 95" or 95 1/2" class water main
- 57) All 96" Zone Control Valve: 96" or 96 1/2" PVC, 97" or 97 1/2" class water main
- 58) All 98" Zone Control Valve: 98" or 98 1/2" PVC, 99" or 99 1/2" class water main
- 59) All 100" Zone Control Valve: 100" or 100 1/2" PVC, 101" or 101 1/2" class water main



BID LOT #3
LANDSCAPE/IRRIGATION
ALL WORK SHOWN ON THIS SHEET TO BE PUBLISHED AND INSTALLED AS PART OF BID LOT #3.

Date:	10/15/11	Revision:	1
Drawn By:	JWA	Checked By:	JWA
Scale:	AS SHOWN	Sheet No.:	1-1
Project:	FARM CREDIT OF NEW MEXICO		



NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROSWELL, NEW MEXICO



Box 146
Los Cruces
New Mexico
85004
(505) 325-1111

L-2

GENERAL FOUNDATION NOTES

1. GENERAL:
 - A. A SUBSURFACE SOIL INVESTIGATION HAS BEEN MADE BY AGRA EARTH & ENVIRONMENTAL, 235 W. 7TH STREET, SUITE 1000, AT THE OFFICE OF THE ARCHITECT. THE GEOTECHNICAL ENGINEER SHALL REVIEW THE REPORT AND FURNISH A REPORT OF THAT INVESTIGATION TO THE ARCHITECT. THE REPORT SHALL BE AVAILABLE FOR VIEWING AT THE OFFICE OF THE ARCHITECT.
 - B. ADDITIONAL INFORMATION CONCERNING SPECIFIC SOIL CONDITIONS TO BE DISCOUNTED IS AVAILABLE IN THE SOIL REPORTS AND SHOULD BE REVIEWED.
2. FIELD OBSERVATION AND TESTS:
 - A. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A REGISTERED LICENSED GEOTECHNICAL ENGINEER TO OBSERVE ALL CONTROLLED EXCAVATIONS. THE GEOTECHNICAL ENGINEER SHALL PREPARE CONTINUOUS ON-SITE OBSERVATION BY EMPLOYED PERSONNEL DURING CONSTRUCTION OF CONTROLLED EXCAVATIONS. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO WORKING DAYS IN ADVANCE OF ALL FIELD OPERATIONS OF THE CONTROLLED EXCAVATION.
 - B. TESTS OF MATERIALS SHALL BE MADE AT THE FOLLOWING RATES:
 1. ONE P/4 DENSITY TEST PER EACH 400 CUBIC YARDS OF COMPACTED SUBGRADE PRIOR TO PLACING STRUCTURAL FILL OR FLOOR SLAB CONSTRUCTION WITH A MINIMUM OF 3 TESTS.
 2. ONE P/4 DENSITY TEST PER EACH 300 CUBIC YARDS OF STRUCTURAL FILL TO A MINIMUM OF 3 TESTS.
 3. ONE MOISTURE-CONTENT TEST PER EACH TYPE OF MATERIAL USED AS INDICATED BY SOIL ANALYSIS AND PLASTICITY INDEX.
 4. THE GEOTECHNICAL ENGINEER SHALL SUBMIT THE RESULTS OF ALL REQUIRED TESTS.
 - C. CLEANING AND GRUBBING:
 1. REMOVE ALL BRUSH, RUBBISH, GRASS, AND GRASS ROOTS FROM THE CONSTRUCTION AREA.
 2. REMOVE STUMPS, MATTED ROOTS AND ROOTS DEEPER THAN 2 INCHES IN DIAMETER WITHIN 6 FEET OF THE SURFACE OF AREAS ON WHICH FILL AND/OR FOOTINGS ARE TO BE CONSTRUCTED.
 3. REMOVE ALL TOPSOIL FROM THE CONSTRUCTION AREA. THIS MATERIAL SHALL NOT BE USED AS FILL MATERIAL, BUT MAY BE STOCKPILED AND LATER USED IN THE TOP 6 INCHES OF FILL OUTSIDE THE BUILDING FOOTING.
 - D. EXIST. SUBGRADE AND BEARING SURFACE PREPARATION:
 1. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT TO CORRECT COMPLETE EXPOSITION OF ANY UNCONTROLLED FILL.
 2. CYCLE/CLIMATE ALL SOILS UNDER VIBRO FOOTINGS AND FLOOR SLAB AND ALL UNCONTROLLED FILL TO A MINIMUM DEPTH OF (1) FOOT.
 3. STRIP ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF 12 INCHES. FASTEN TO OPTIMUM MOISTURE CONTENT (+/- .3%) AND COMPACT TO THE DENSITY SPECIFIED HEREIN.
 4. SOILS DIFFICULT TO EXPOSED IN COMPACTING NATIVE SOILS AT CONTRACTOR OPTION A LAYER OF UNFORM 5/20 ROCK MAY BE PLACED AND COMPACTED BEFORE THE ADDITION OF STRUCTURAL FILL TO ADD AN EXPOSURE OF THE NATIVE SOILS.
 5. PLACE ALL STRUCTURAL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN FOUR (4) INCHES IN THICKNESS. FASTEN TO OPTIMUM MOISTURE CONTENT (+/- .7%) AND COMPACT TO DENSITY SPECIFIED HEREIN.
 6. ALL EXCAVATING FOR THE BUILDING FOOT SHALL EXTEND A MINIMUM OF 5 FEET BEYOND THE PERMITTED FOOTINGS.
3. STRUCTURAL FILL REQUIREMENTS:

SIZE	PERCENT FINES BY WEIGHT
NO. 10	100
3/4"	73-103
NO. 4	48-100
NO. 200	23-45
4. PLASTICITY INDEX (ASTM D4318):
 - E. MATERIAL LARGER THAN 6 INCHES SHALL NOT BE PLACED IN THE STRUCTURAL FILL AND MATERIAL LARGER THAN 6 INCHES SHALL NOT BE PLACED WITHIN TWELVE INCHES OF THE BEARING SURFACES OF SLABS OR FOUNDATIONS.
 - F. NO BRUSH, SAW, WOODEN MATERIAL OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN A UNIFORM COMPACTED FILL.
5. COMPACTION REQUIREMENTS:

MATERIAL	PERCENT COMPACTION	MINIMUM
STRUCTURAL FILL IN THE BUILDING AREA	94	94
STORAGE FOR SLAB SUPPORT	95	95
SUBGRADE BELOW STRUCTURAL FILL	96	96
MISCELLANEOUS EXCAVATED	92	92

GENERAL STRUCTURAL NOTES

1. CODES AND MANUALS:
 - UNIFORM BUILDING CODE, 1997 EDITION
 - ASCE MANUAL OF STEEL CONSTRUCTION, 9TH EDITION
 - ACI BUILDING CODE FOR REINFORCED CONCRETE, ACI 318-88
 - NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 1989 EDITION
 - ASCE 3-91 AND 3-13
2. DESIGN CRITERIA:
 - A. VERTICAL:

LIVE LOAD	ROOF (EAVES) FLOOR	COORIDORS AND STAIRS	ADDITIONAL PARTITIONS	SUSPENDED EQUIPMENT	CONCENTRATED LOAD (PER LBC 1607.3)
20 PSF	20 PSF	100 PSF	20 PSF	10 PSF	2000 POUNDS

WIND DESIGN PRESSURE: UNIFORM WIND SPEED = 73 MPH
IMPORTANCE FACTOR = 1.0
 - B. HORIZONTAL:

WIND PRESSURE	0-15 FT. = 20.7 PSF	15-20 FT. = 22.0 PSF	20-25 FT. = 23.2 PSF
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3. DESIGN FORMULAS:

(1) $S = C_e \times I$
 $W = Z \times S$
 $F = W \times A$
 $R = W \times I$
 $U = 1.57 \times R$
4. MATERIALS:
 - A. CAST-IN-PLACE CONCRETE:
 - (1) ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE.
 - (2) ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS OTHERWISE SPECIFIED.
 - (3) REINFORCEMENT CONCRETE:
 - A. FC = 4000 PSI @ 28 DAYS (AIR ENTRAINMENT) - ALL EXPOSED EXTERIOR CONCRETE FILL WORK (I.E. SLABS, EQUIPMENT PADES, ETC.)
 - B. FC = 3000 PSI @ 28 DAYS - ALL INTERIOR CONCRETE (I.E. FOOTINGS, REINFORCING, BEAMS, GRADE BEAMS, RETAINING WALLS, ETC.)
 - C. FC = 3000 PSI @ 28 DAYS - ALL INTERIOR SLABS ON GRADE.
 - D. FC = 3000 PSI @ 28 DAYS - ALL CONCRETE FILL OVER METAL.
 - (4) THE CONTRACTOR SHALL NOT CAST FOUNDATIONS, STEEL WALLS OR RETAINING WALLS AGAINST EXCAVATED VERTICAL SIDE SURFACES.
 - B. REINFORCING STEEL:
 - (1) ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-88) AND THE STANDARD MANUAL (ACI 318-82).
 - (2) ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
 - (3) ALL SLABS SHALL BE REINFORCED WITH POLYPROPYLENE FIBERS AT 0.5% RATIO UNLESS OTHERWISE NOTED OTHERWISE.
 - (4) MANUFACTURER'S RECOMMENDED DOSAGE UNLESS NOTED OTHERWISE:
 - A. VERTICAL REINFORCING: BAR DIA. OR 18" MINIMUM
 - B. HORIZONTAL REINFORCING: BAR DIA. OR 18" MINIMUM
 - (5) CONTINUOUS REINFORCING FIBERS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP A MINIMUM OF 18 BAR DIAMETERS OR 18 INCHES.
 - (6) CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
 - A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 2"
 - B. CONCRETE EXPOSED TO EARTH OR WEATHER:
 1. BARS LARGER THAN NO. 3 - 1 1/2"
 2. BARS NO. 3 OR SMALLER - 1 1/2"
 - (7) FORMS SHALL BE COVERED OR PROTECTED WITH GASKET-OFF-TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL. FOLLOWING REMOVAL OF FORM TIES, RECESSES ARE TO BE COMPLETELY FILLED AND POINTED WITH MORTAR OR SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.
 - (8) REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.
 - C. STRUCTURAL AND MISCELLANEOUS STEEL:
 - (1) ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".

- (2) ALL STRUCTURAL AND MISCELLANEOUS STEEL MEMBERS, SHAPES AND CONNECTIONS SHALL CONFORM TO ASTM A572 UNLESS NOTED OTHERWISE.
- (3) ALL FORMED STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B. FY = 46 KSI.
- (4) STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S. GRADE B. PY = 35 KSI.
- (5) STEEL SHALL CONFORM TO ASTM A535 TENSION CONTROL BOLTS UNLESS NOTED OTHERWISE. WITH SUITS AS SHOWN ON THE DRAWINGS, WHERE CLEARANCE WITHIN A CONNECTION DOES NOT PERMIT THE USE OF TENSION CONTROL BOLTS, STANCHION SIZE BOLTS SHALL BE USED AND INSTALLED IN ACCORDANCE WITH THE AISC "PROVISIONS FOR STRUCTURAL JOINTS USING ASTM A535 OR A570 BOLTS".
- (6) ALL BOLTS SHALL BE INSTALLED IN A SAFO TIGHT CONDITION.
- (7) ANCHOR BOLTS EMBEDDED IN CONCRETE SHALL BE ASTM A307 BOLTS OR ASER TENSILE GRADE BOLTS. PROVIDE FLAT WASHERS BETWEEN ALL NUTS AND BASEPLATES.
- (8) ALL WELDING SHALL BE DONE IN ACCORDANCE WITH THE LATEST STANDARDS OF THE AISC STRUCTURAL WELDING CODE.
- (9) ALL BOLT HOLES THAT ARE REQUIRED TO BE FOLD DRILLED SHALL BE DRILLED WITH A HARD DRILL FLAME CUTTING OF HOLES OR ENLARGING OF UNIFORM HOLES WILL NOT BE ALLOWED.
- D. MASONRY:
 - (1) ALL MASONRY UNITS SHALL BE TYPE 1 WITH A COMPRESSIVE STRENGTH OF 1800 PSI (NET AREA).
 - (2) MORTAR SHALL BE TYPE S.
 - (3) BRICK - FC = 2000 PSI.
 - (4) CELLS CONTAINING REBAR SHALL BE GRouted SOLO FROM THE BOTTOM TO THE TOP OF THE WALL IN ACCORDANCE WITH THE UNIFORM BUILDING CODE.
 - (5) ALL VERTICAL REBAR SHALL BE IN PLACE AND SECURED WITH REBAR POSITIONERS PRIOR TO GROUTING.
 - (6) UNLESS OTHERWISE NOTED, MASONRY CELLS SHALL BE GRouted IN ACCORDANCE WITH THE METHOD AS DESCRIBED IN THE UNIFORM BUILDING CODE (PART 4, SECTION 204.0).
 - (7) CELLS WELDED TOGETHER SHALL BE LAP TO GRADE.
 - (8) LAP ALL REBAR AS BAR DIAMETERS OR 14" MINIMUM UNLESS NOTED OTHERWISE.
 - (9) HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE CORNER BARS OF THE SAME SIZE AND A LAP OF 48 BAR DIAMETERS OR 24 INCHES MINIMUM. VERTICAL STEEL SHALL CROSS THROUGH BOND BEAMS.
 - (10) FRENCH TRAPERS SHALL BE JOINT REINFORCING AT 18" O.C. (ALTERNATE COURSE). USE PREFABRICATED CORNERS AND TEES AT ALL CORNERS AND INTERSECTIONS RESPECTIVELY.

NAILING SCHEDULE

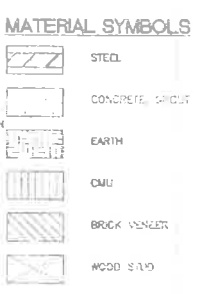
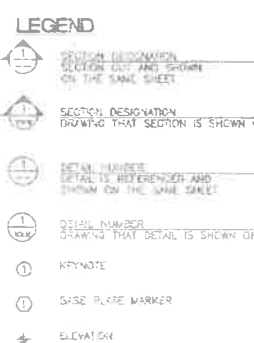
DESCRIPTION	AMOUNT
1. JOIST TO JOIST OR GIRDERS TO GIRDERS	3-10d
2. BRACING TO JOIST OR TRUSS, EACH END	3-10d
3. 1" X 4" BRACKET OR LEECH TO EACH JOIST, FACE NAIL	3-16d
4. BRICK BATT TIE SUBMITTER TO EACH JOIST, FACE NAIL	3-16d
5. 2" SUBMITTER TO JOIST OR BRICK BATT FACE NAIL	3-16d
6. SOLA PLATE TO JOIST OR BRACKING, FACE NAIL	150 @ 16d
7. TOP PLATE TO WALL END NAIL	2-16d @ 16d
8. 2x6 TO SOLA PLATE	150 @ 16d @ 16d
9. SOLA STEEL, FACE NAIL	180 @ 16d @ 16d
10. 2x6 TO SOLA PLATE, FACE NAIL	180 @ 16d @ 16d
11. TOP PLATE LAPS AND INTERSECTIONS, FACE NAIL	180 @ 16d @ 16d
12. CONTINUOUS BRACE TO STUD, TOP AND BOTTOM	4-18d
13. CEILING JOISTS TO PLATE, TOP AND BOTTOM	2-18d
14. CEILING JOISTS TO PARALLEL PLATE, FACE NAIL	3-18d
15. CEILING JOISTS TO PARALLEL PLATE, FACE NAIL	3-18d
16. CEILING JOISTS TO PARALLEL PLATE, FACE NAIL	3-18d
17. KEETER TO PLATE, TOP AND BOTTOM	3-18d
18. 1" BRACE TO EACH JOIST AND PLATE, FACE NAIL	2-18d
19. 1" BRACE TO EACH JOIST AND PLATE, FACE NAIL	2-18d
20. KEETER TO PLATE, TOP AND BOTTOM	3-18d
21. KEETER TO PLATE, TOP AND BOTTOM	3-18d
22. MULTI-LIP CORNER AND BEAM	180 @ 2x4 @ 16d @ 16d
23. 2" PLANTS	2-18d @ EACH BLINDING



LIGHTGAGE STEEL SCHEDULE

DEPTH	GAGE	AREA	L	S	F _y
(IN)		(SQ IN)	(IN)	(IN)	(KSI)
C10	18	0.732	10.588	2.073	33

NOTE: 'C' INDICATES STUD, '18" WIDE FLANGE

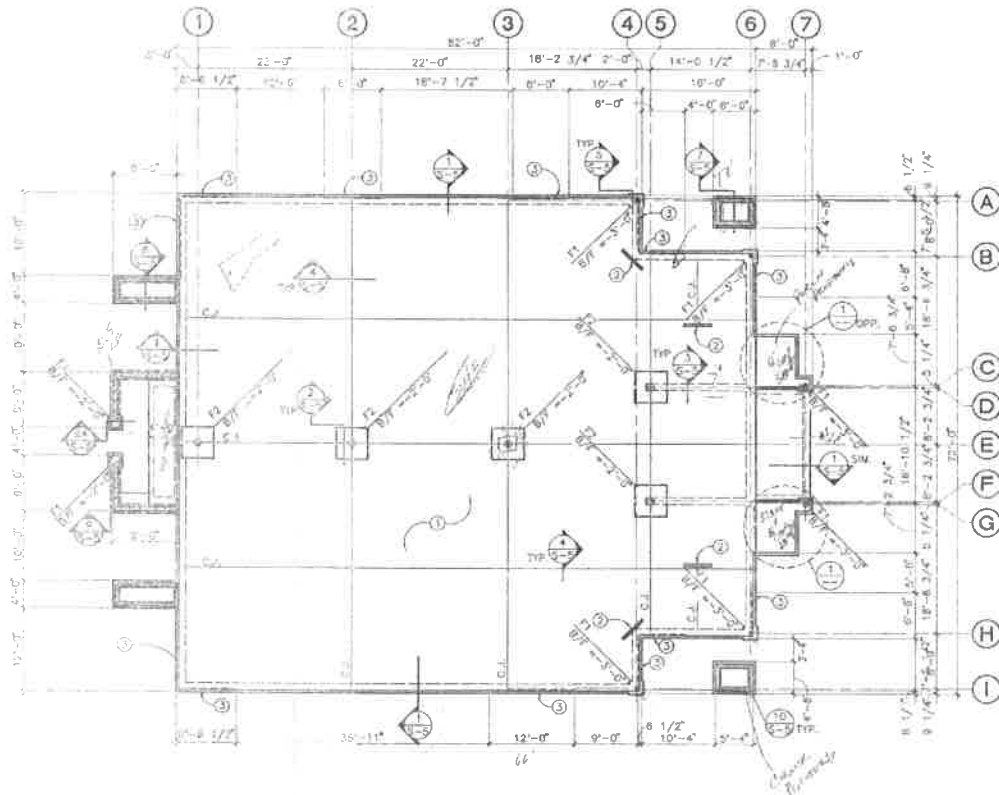


NEW OFFICE BUILDING
 FOR
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 ROSWELL, NEW MEXICO

A S A
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 P O Box 140
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 New Mexico
 88904
 (505) 768-1111



S-1



FOUNDATION PLAN

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

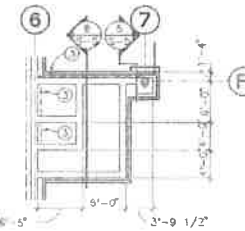


KEYED NOTES

- 1 4" CONCRETE SLAB REINFORCED WITH POLYPROPYLENE FIBERS OVER COMPACTED SUBGRADE. FINISH FLOOR ELEVATION - 0'-0" = 45 L.E. - 3605 DD.
- 2 2-#4 x 3'-0" CENTERED IN SLAB. SEE DETAIL 7/57 FOR
- 3 SHEARWALL LOCATION. SEE DETAIL 7/57 FOR SHEARWALL ELEVATION. PROVIDE 3/4" C-C PLYWOOD W/ EXTERIOR GLUE. ATTACH SHEATHING TO SUPPORTS W/ RD COMMON NAILS @ 6" O.C. ALONG PANEL EDGES & 80 COMMON NAILS @ 12" O.C. REMAINING FIELD OF PANEL.

FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F1	2'-0" SQ. x 1'-0" DP.	3-#4 EW
F2	4'-6" SQ. x 1'-0" DP.	6-#4 EW



ENLARGED PLANTER PLAN

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

DATE: 11/11/04	BY: J. GRIEVES
CHECKED: 11/11/04	BY: J. GRIEVES
DESIGNED: 11/11/04	BY: J. GRIEVES
DRAWN: 11/11/04	BY: J. GRIEVES
PROJECT: 04-0000	BY: J. GRIEVES
TYPE: FOUNDATION	BY: J. GRIEVES



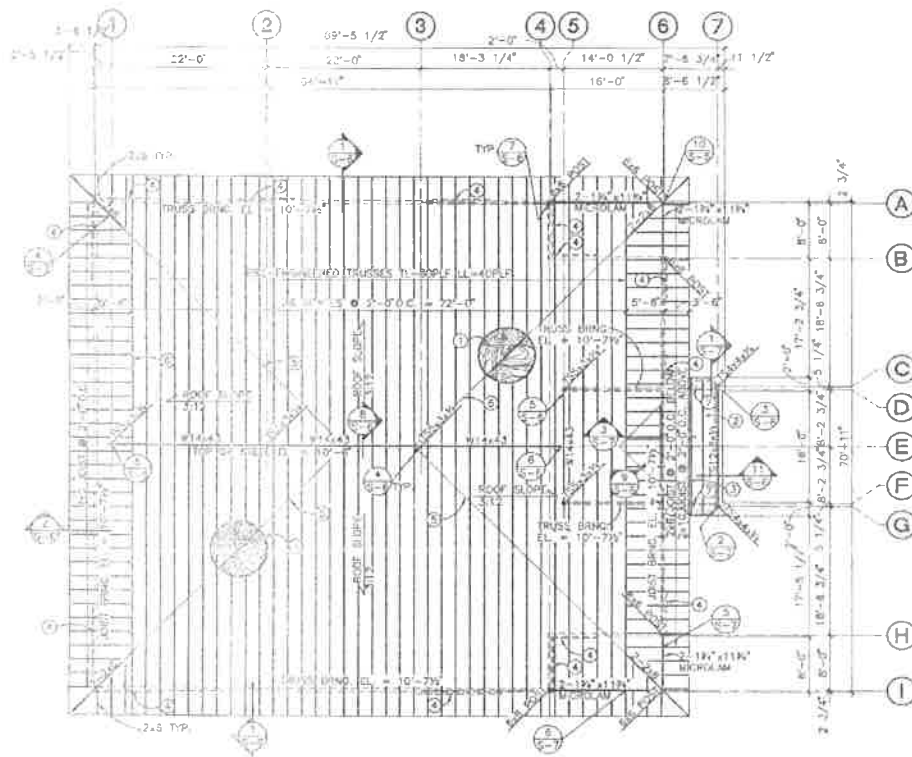
NEW OFFICE BUILDING
 FOR
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 ROSWELL, NEW MEXICO

A S A
ARCHITECTS



Box 145
 Los Cruces
 New Mexico
 88004
 (505) 222-1121





ROOF FRAMING PLAN



GENERAL NOTES

ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
SEE B/S 7 FOR TYPICAL WALL OPENING

KEYED NOTES

- 1 3/4" C-C PLYWOOD W/ EXTERIOR GLUE ATTACH SHEATHING TO SUPPORTS WITH 8D COMMON NAILS @ 6" O.C. ALONG PANEL EDGES AND WITH 8D COMMON NAILS @ 12" O.C. IN REMAINING FIELD OF PANEL.
- 2 PRE-ENGINEERED TRUSS TL=80 PLF, LL=40 PLF.
- 3 PRE-ENGINEERED TRUSS, TL=240 PLF, LL=120 PLF.
- 4 SHEARWALL LOCATION. SEE DETAIL 7/57 FOR SHEARWALL ELEVATION. PROVIDE 3/4" C-C PLYWOOD W/ EXTERIOR GLUE ATTACH SHEATHING TO SUPPORTS W/ 8D COMMON NAILS @ 6" O.C. ALONG PANEL EDGES & 8D COMMON NAILS @ 12" O.C. REMAINING FIELD OF PANEL.
- 5 RIDGE LINE SEE ARCHITECTURAL.
- 6 PRE-ENGINEERED TRUSS, TL=140 PLF, LL=70 PLF.
- 7 TRUSS BEARING ELEVATION = 9'-11 1/2"

SCALE	1/4" = 1'-0"
DATE	2/17/85
DESIGNER	J. GRIEVES
CHECKER	J. GRIEVES
PROJECT NO.	85-004
SHEET NO.	3 OF 3
TITLE	NEW OFFICE BUILDING

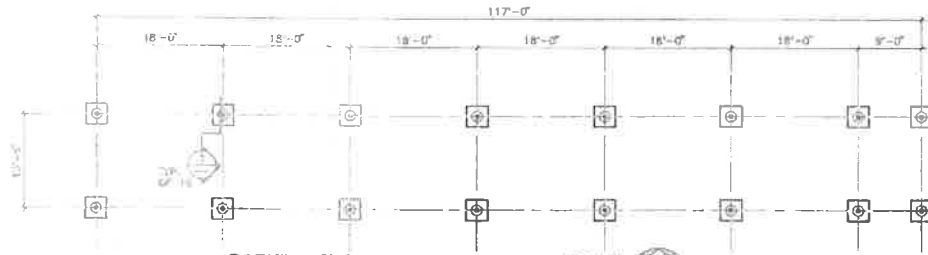


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 ALBUQUERQUE, NEW MEXICO



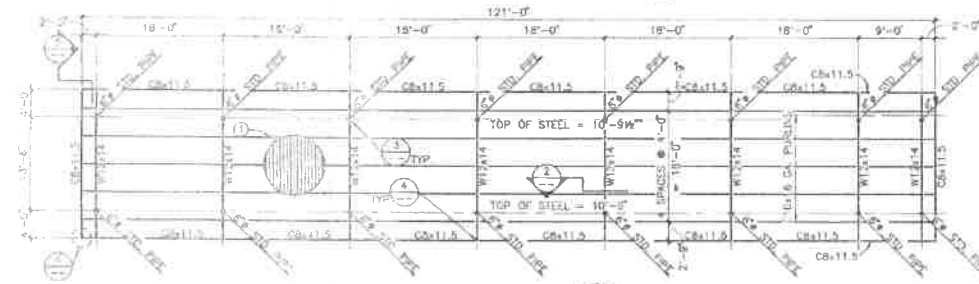
• Box 115
 Las Cruces
 New Mexico
 88004
 (505) 321-1111





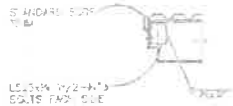
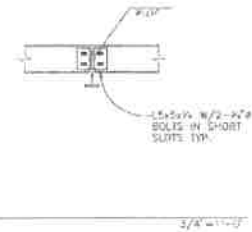
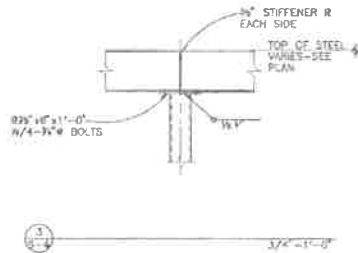
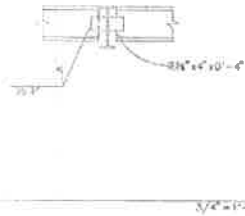
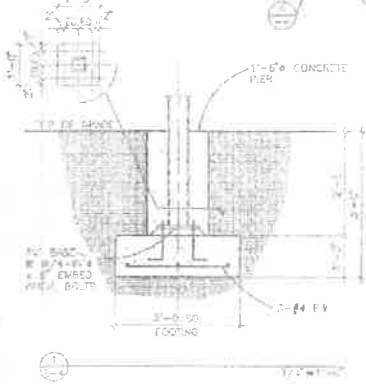
PARKING STRUCTURE FOUNDATION PLAN

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



PARKING STRUCTURE FRAMING PLAN

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



NOTE: TOP FLANGES NOT SHOWN FOR CLARITY

CONTRACTOR OPTION: COVERED PARKING STRUCTURE MAY BE SUBSTITUTED WITH A PER-ENGINEERED COVERED PARKING STRUCTURE PER ARCHITECT'S APPROVAL. THE PER-ENGINEERED STRUCTURE MUST MAINTAIN ALL DIMENSIONS OF THIS PLAN. IT MUST ALSO BE DESIGNED BY A REGISTERED ENGINEER IN THE STATE OF NEW MEXICO AND MEET ALL APPLICABLE CODES.

GENERAL NOTES

SEE SHEET S-1 FOR LIGHTGAGE STEEL SCHEDULE

KEYED NOTES

1. 24 GA B PANEL ATTACH TO SUPPORTS W/ #12 TEK SCREWS @ 24" O.C. AND FASTEN SIDE LAPES W/ #10 TEK SCREWS @ 24" O.C. PAINT COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S SAMPLES.

DESIGNED BY	REVISION
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT NO.	DATE
SCALE	DATE
SHEET NO.	DATE
TOTAL SHEETS	DATE



NEW OFFICE BUILDING
FOR
FARM CREDIT of NEW MEXICO
ROGUELL, NEW MEXICO

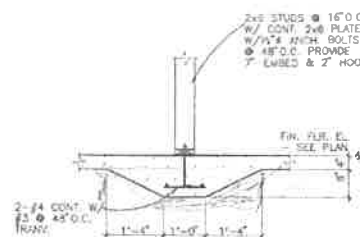
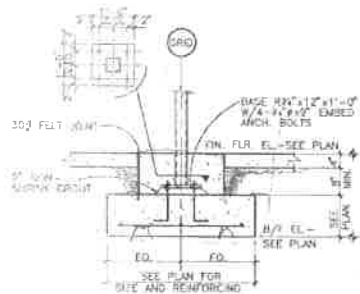
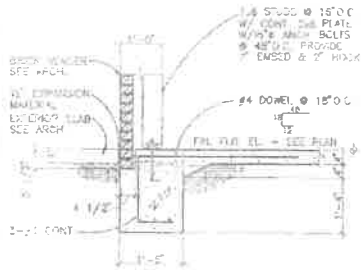
A S A
ARCHITECTS



1100 Loc 144
Loc 144
809 Marlow
88004
(505) 221-1111



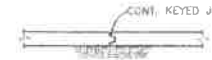
S-4



NOTE:
AT CONTRACTOR'S OPTION A PLASTIC JOINT
FORMER MAY BE INSTALLED INSTEAD OF THE
SAWCUT

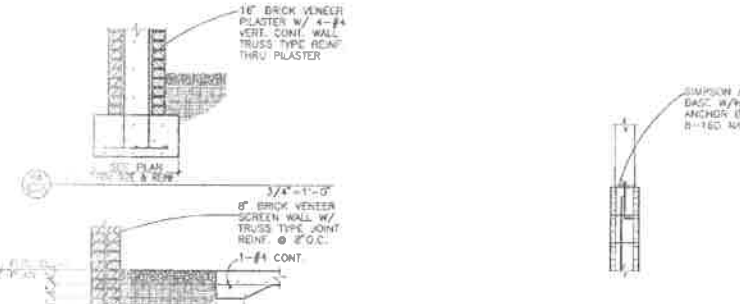
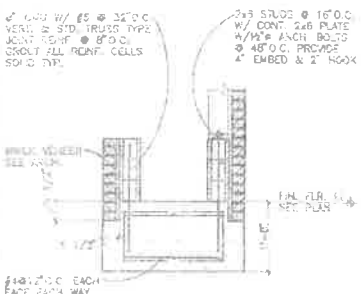
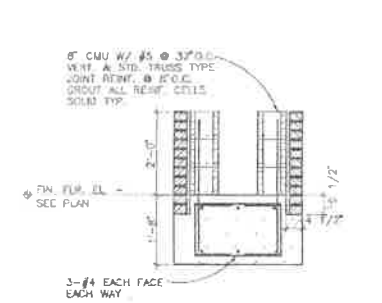
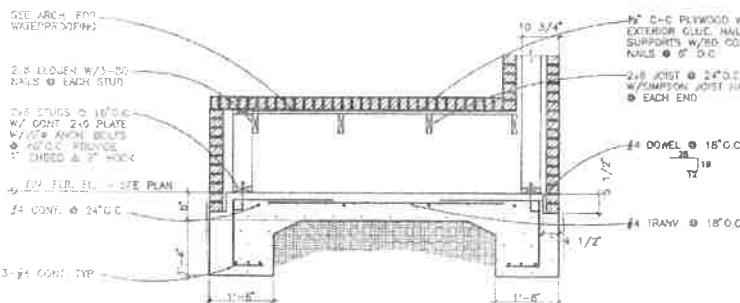
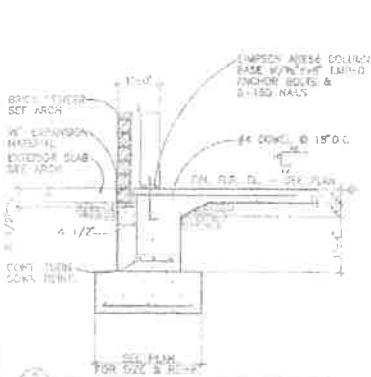


AT SAWCUT



CONT. KEYED JOINT

AT END OF POUR OR AS NOTED X.C.J. ON PLAN



DATE	NOV 19 1954
BY	CHAVEZ & GRIEVES
CHECKED BY	CHAVEZ & GRIEVES
DATE	NOV 19 1954
PROJECT NO.	100-100000-001
DATE	NOV 19 1954



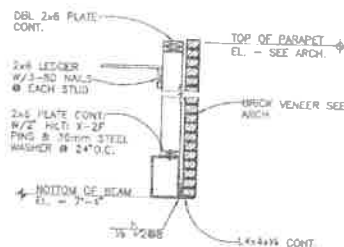
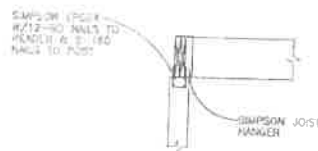
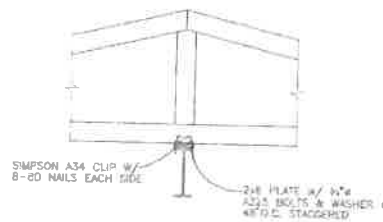
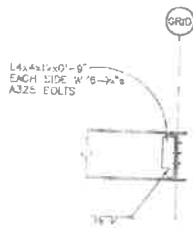
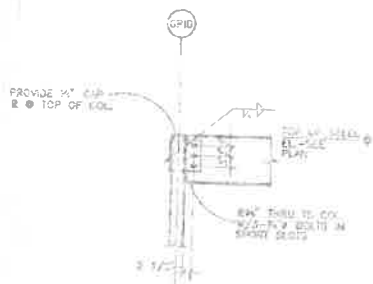
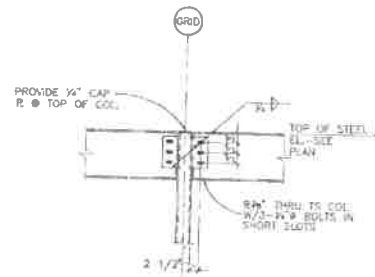
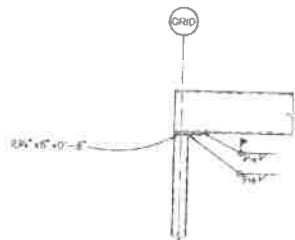
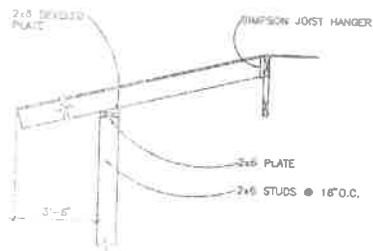
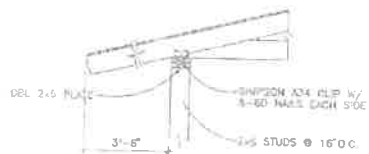
NEW OFFICE BUILDING
 FOR
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 ROSWELL, NEW MEXICO



Box 146
 Los Cruces
 New Mexico
 88504
 (602) 922-8111

CHAVEZ · GRIEVES
 CONSULTING ENGINEERS, INC.

S-5



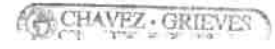
NO.	DATE	REVISION

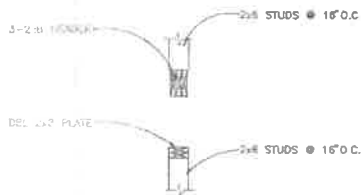
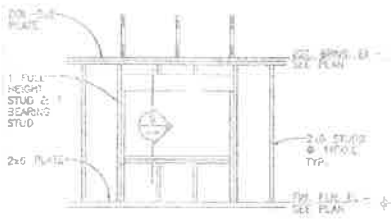
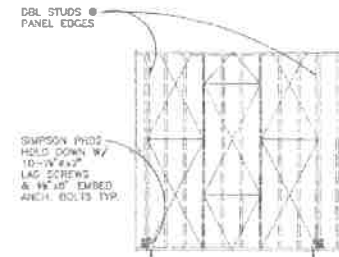
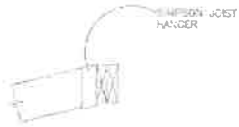
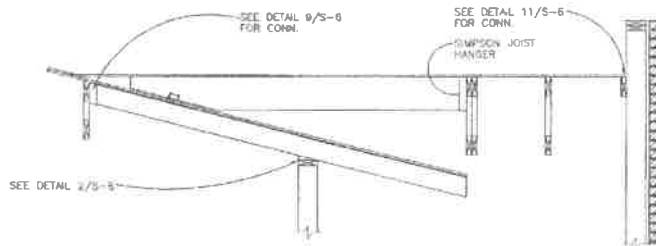
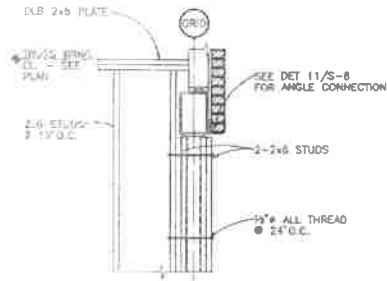
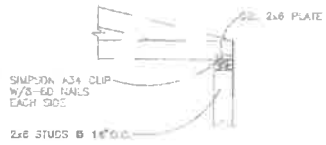


NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROBINELL, NEW MEXICO



Box 146
Los Crucez
New Mexico
85004
(902)888-2111





SCALE	AS SHOWN
DATE	11/15/05
DESIGNED BY	J. GRIEVES
CHECKED BY	J. GRIEVES
PROJECT NO.	05-033
FILE NO.	05-033-01

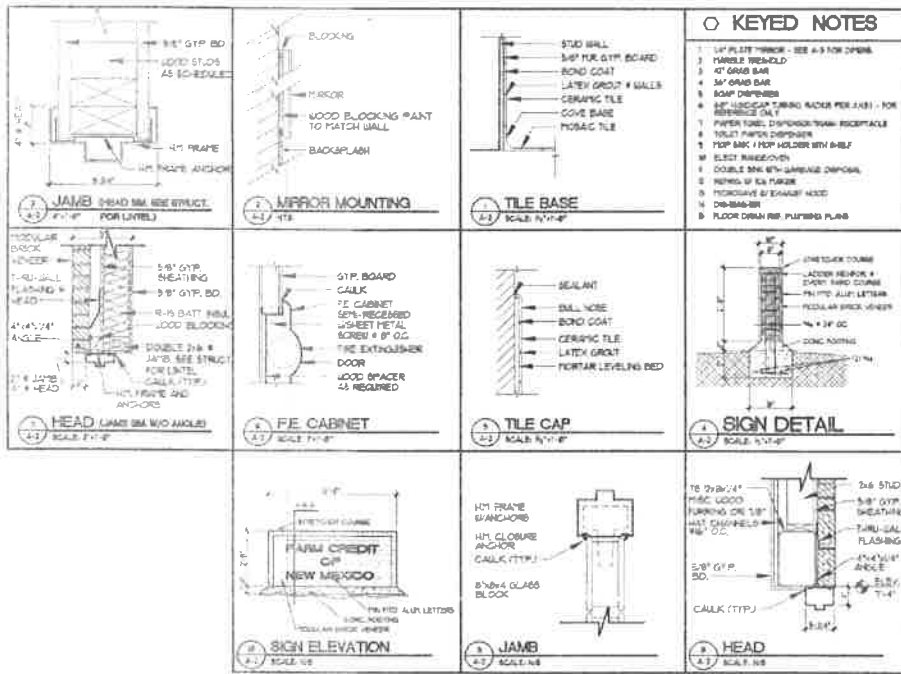


NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROSWELL, NEW MEXICO



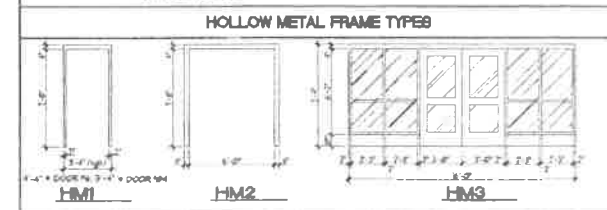
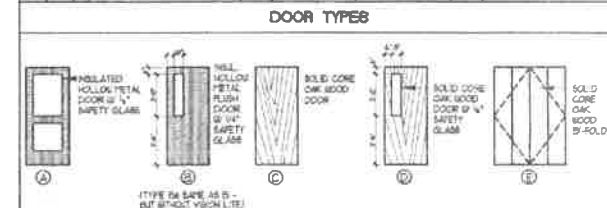
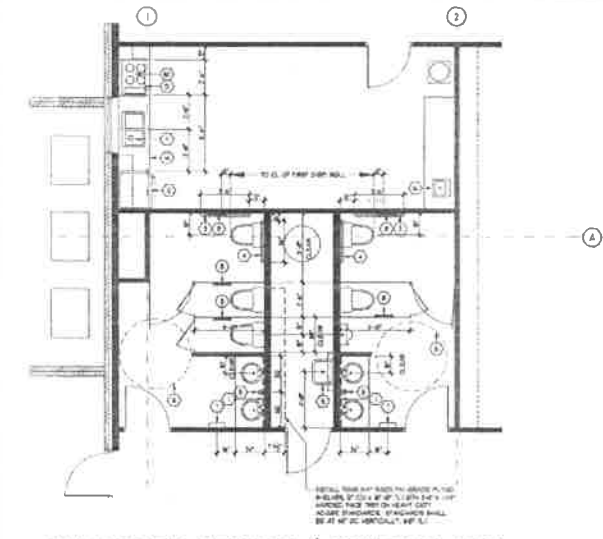
Box 140
Los Cruces
New Mexico
88004
(505) 666-1111





ROOM FINISH SCHEDULE											
NO.	ROOM NAME	FLOOR	WALLS	CEILING	DOOR	WINDOW	CEILING	CEILING	CEILING	CEILING	REMARKS
101	REAR OFFICE	1	1	1	1	1	1	1	1	1	
102	REAR OFFICE	1	1	1	1	1	1	1	1	1	
103	REAR OFFICE	1	1	1	1	1	1	1	1	1	
104	REAR OFFICE	1	1	1	1	1	1	1	1	1	
105	REAR OFFICE	1	1	1	1	1	1	1	1	1	
106	REAR OFFICE	1	1	1	1	1	1	1	1	1	
107	REAR OFFICE	1	1	1	1	1	1	1	1	1	
108	REAR OFFICE	1	1	1	1	1	1	1	1	1	
109	REAR OFFICE	1	1	1	1	1	1	1	1	1	
110	REAR OFFICE	1	1	1	1	1	1	1	1	1	
111	REAR OFFICE	1	1	1	1	1	1	1	1	1	
112	REAR OFFICE	1	1	1	1	1	1	1	1	1	
113	REAR OFFICE	1	1	1	1	1	1	1	1	1	
114	REAR OFFICE	1	1	1	1	1	1	1	1	1	
115	REAR OFFICE	1	1	1	1	1	1	1	1	1	
116	REAR OFFICE	1	1	1	1	1	1	1	1	1	
117	REAR OFFICE	1	1	1	1	1	1	1	1	1	
118	REAR OFFICE	1	1	1	1	1	1	1	1	1	
119	REAR OFFICE	1	1	1	1	1	1	1	1	1	
120	REAR OFFICE	1	1	1	1	1	1	1	1	1	

DOOR SCHEDULE						
DOOR NO.	DOOR TYPE	DOOR SIZE	FRAME TYPE	DETAILS	FINISH	REMARKS
101	A	3'-0" x 7'-0"	HT	HT-1		
102	B	3'-0" x 7'-0"	HT	HT-2		
103	C	3'-0" x 7'-0"	HT	HT-3		
104	D	3'-0" x 7'-0"	HT	HT-4	ELECTRICAL	SEE TR-1
105	E	3'-0" x 7'-0"	HT	HT-5	LIBRARY	
106	F	3'-0" x 7'-0"	HT	HT-6	RECEPTION	
107	G	3'-0" x 7'-0"	HT	HT-7	CONFERENCE	
108	H	3'-0" x 7'-0"	HT	HT-8	RECEPTION	
109	I	3'-0" x 7'-0"	HT	HT-9	TELEPHONE	48-20
110	J	3'-0" x 7'-0"	HT	HT-10		
111	K	3'-0" x 7'-0"	HT	HT-11		
112	L	3'-0" x 7'-0"	HT	HT-12		
113	M	3'-0" x 7'-0"	HT	HT-13		
114	N	3'-0" x 7'-0"	HT	HT-14		
115	O	3'-0" x 7'-0"	HT	HT-15		
116	P	3'-0" x 7'-0"	HT	HT-16		
117	Q	3'-0" x 7'-0"	HT	HT-17		
118	R	3'-0" x 7'-0"	HT	HT-18		
119	S	3'-0" x 7'-0"	HT	HT-19		
120	T	3'-0" x 7'-0"	HT	HT-20		



DATE: 01/15/81
 DRAWN BY: J.S.
 CHECKED BY: J.S.
 PROJECT NO.: 100-100-100
 SHEET NO.: 100-100-100

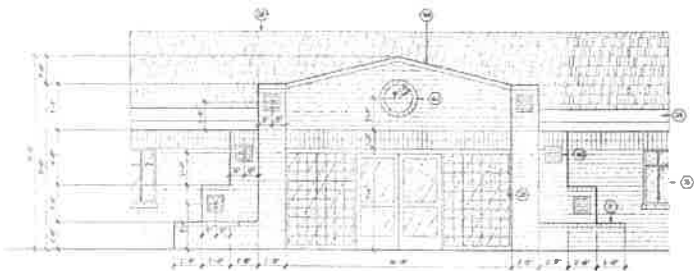


NEW OFFICE BUILDING
 FOR
FARM CREDIT OF NEW MEXICO
 ROSWELL, NEW MEXICO



800 100
 Los Cruces
 New Mexico
 88000
 505 338-2111

A-2



FRONT ELEVATION - ENLARGEMENT



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION

KEYED NOTES	
1. 2" X 4" STUDS @ 16" O.C. TO SUPPORT ROOF TRUSS.	11. 1/2" X 4" STUDS @ 16" O.C. TO SUPPORT ROOF TRUSS.
2. 2" X 6" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	12. 2" X 6" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
3. 2" X 8" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	13. 2" X 8" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
4. 2" X 10" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	14. 2" X 10" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
5. 2" X 12" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	15. 2" X 12" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
6. 2" X 14" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	16. 2" X 14" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
7. 2" X 16" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	17. 2" X 16" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
8. 2" X 18" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	18. 2" X 18" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
9. 2" X 20" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	19. 2" X 20" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.
10. 2" X 22" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.	20. 2" X 22" JOIST @ 24" O.C. TO SUPPORT ROOF TRUSS.

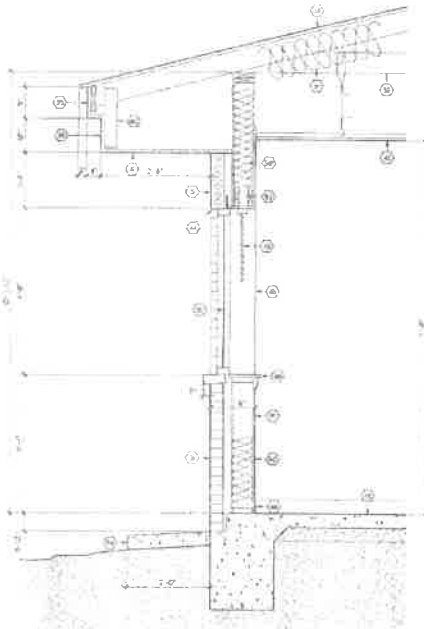
Scale: As Shown
 Date: 10/1/70
 Project: New Office Building
 Drawn by: J.S.A.
 Checked by: J.S.A.
 Title: New Office Building - Details



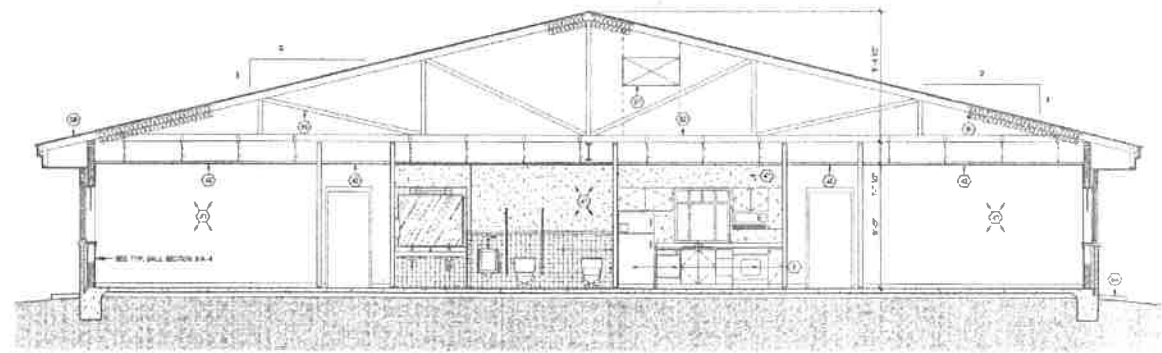
NEW OFFICE BUILDING
 FOR
FARM CREDIT OF NEW MEXICO
 ROSWELL, NEW MEXICO



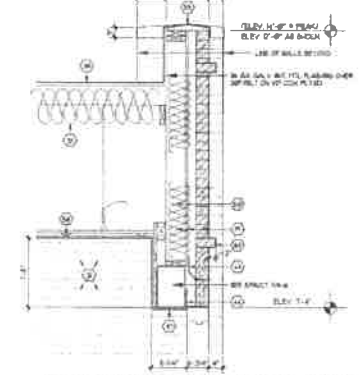
8 Box 148
 Los Cruces
 New Mexico
 88004
 505 326-1711



TYP. WALL SECTION
SCALE: 1/4" = 1'-0"

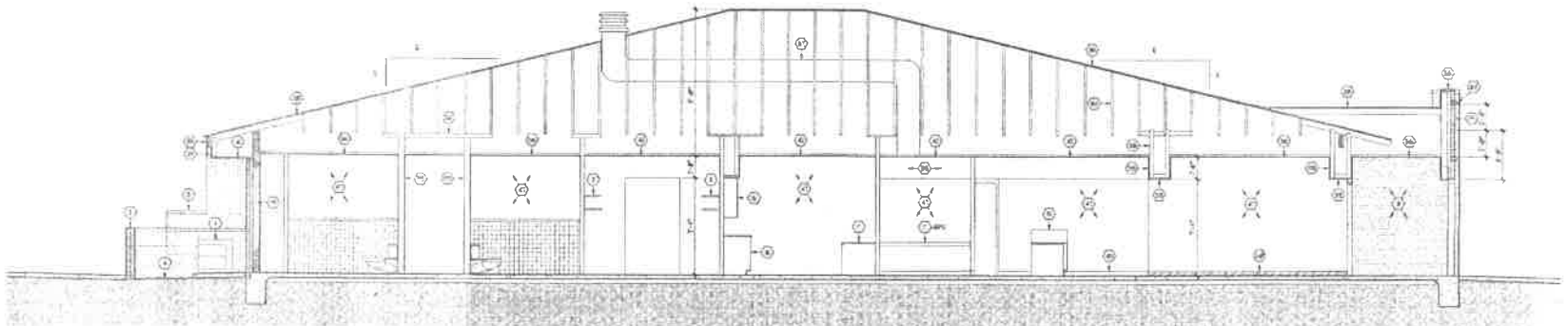


NORTH - SOUTH BUILDING SECTION
SCALE: 1/4" = 1'-0"



PARAPET AT ENTRANCE
SCALE: 1/4" = 1'-0"

KEYED NOTES		NOT ALL KEYED NOTES ARE SHOWN ON THIS SHEET
1	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	26. APPLY 1/2" SPONGE POLYURETHANE INSULATION 2x8 STUDS. SEE SHEET 1-4
2	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	27. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
3	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	28. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
4	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	29. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
5	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	30. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
6	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	31. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
7	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	32. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
8	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	33. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
9	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	34. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
10	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	35. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
11	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	36. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
12	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	37. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
13	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	38. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
14	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	39. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
15	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	40. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
16	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	41. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
17	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	42. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
18	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	43. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
19	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	44. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
20	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	45. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
21	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	46. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
22	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	47. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
23	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	48. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
24	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	49. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4
25	2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4	50. 2x8 LAY CENTER ON WALK CHAIRS. SEE SHEET 1-4



EAST - WEST BUILDING SECTION
SCALE: 1/4" = 1'-0"

DATE: 11/15/11
 DRAWN BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 PROJECT: NEW OFFICE BUILDING
 SHEET: 1 OF 1



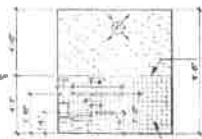
NEW OFFICE BUILDING
 FOR
FARM CREDIT OF NEW MEXICO
 HOBBSWELL, NEW MEXICO



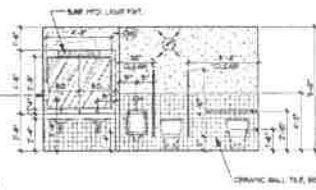
JAMES B. BROWN
 LICENSED PROFESSIONAL ENGINEER
 STATE OF NEW MEXICO
 LICENSE NO. 11111



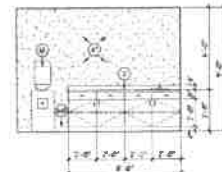
11 WOMEN'S - EAST
SCALE: 1/4" = 1'-0"



12 MEN'S - NORTH
SCALE: 1/4" = 1'-0"



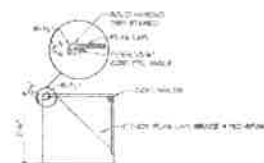
13 MEN'S - WEST
SCALE: 1/4" = 1'-0"



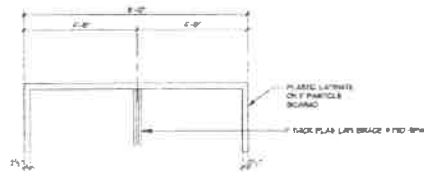
14 STAFF - EAST
SCALE: 1/4" = 1'-0"



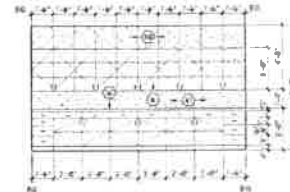
15 STAFF - WEST
SCALE: 1/4" = 1'-0"



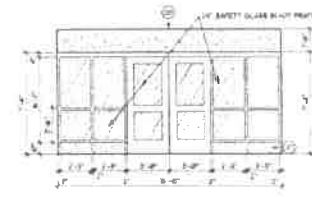
16 SECTION-WORKDESK
SCALE: 1/4" = 1'-0"



17 ELEVATION-WORKDESK
SCALE: 1/4" = 1'-0"



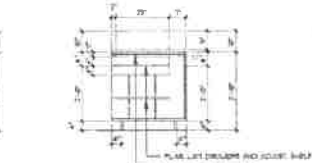
18 MACHINE - WEST
SCALE: 1/4" = 1'-0"



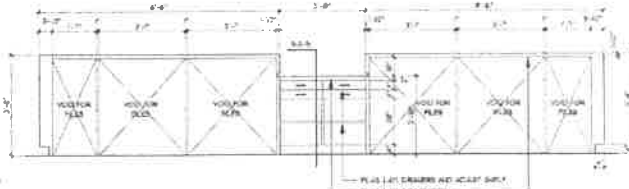
19 ENTRY - EAST
SCALE: 1/4" = 1'-0"



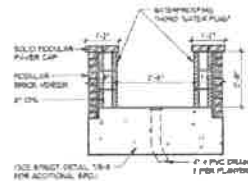
20 RECEPTION DESK - FRONT
SCALE: 1/4" = 1'-0"



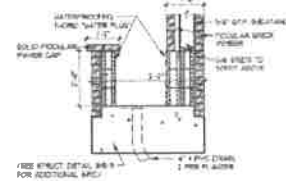
21 SECTION
SCALE: 1/4" = 1'-0"



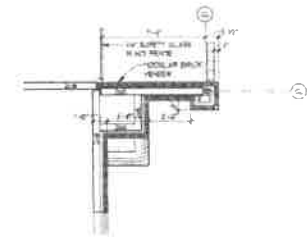
22 RECEPTION DESK - REAR
SCALE: 1/4" = 1'-0"



23 PLANTER DETAIL ON EAST SIDE
SCALE: 1/4" = 1'-0"



24 PLANTER DETAIL ON WEST SIDE
SCALE: 1/4" = 1'-0"



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

NOTE - REFER TO SHEET A-3 FOR KEYED NOTE REFERENCES

SCALE AS NOTED	PROJECT NUMBER
DATE: 05/19/59	
DRAWN BY: J.T.	
CHECKED BY: A.S.A.	
DESIGN NO. 10-113	
REV. NO. 3	
	7105 INTERIOR ELEVATIONS & DETAILS



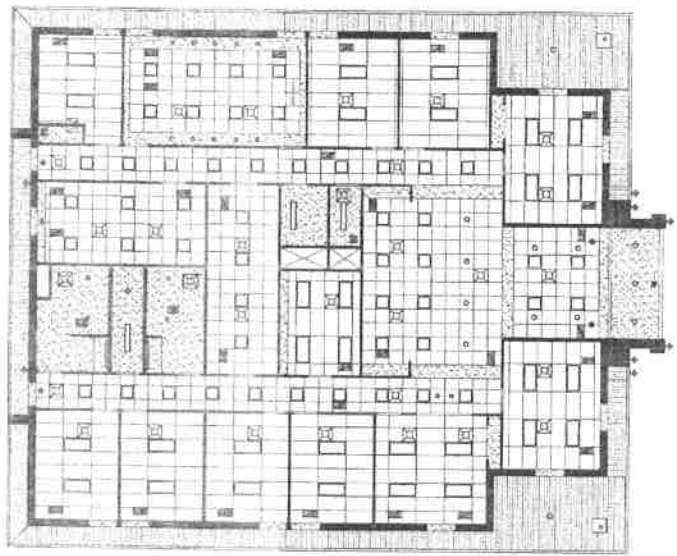
NEW OFFICE BUILDING
 FOR
 FARM CREDIT OF NEW MEXICO
 FORDWELL, NEW MEXICO



801 100
 Los Cristos
 New Mexico
 88004
 805 524-3111

CEILING LEGEND	
	7x7 ACOUSTIC LAY-IN
	7x7 FIBERGLASS PLASTER
	RECESSED CAN
	RECESSED CAN W/ DIFFUSER
	6x6 RECESSED CAN W/ DIFFUSER
	SURFACE MTD. FLUORESCENT
	4x4 MTD. C.L.S. FIXTURE
	DIFF. LIGHT
	7x7 ACOUSTIC SUSP. C.L.S. GRID
	7x7 ACOUSTIC SUSP. C.L.S. GRID
	6x6 MTD. C.L.S. OR 6x6
	FIRE-RETARDED ELAST. ACOUST.
	SUPPLY AIR DIFFUSER
	RETURN AIR GRILLE

NOTE: ALL CEILINGS ARE AT 9'-0" ABOVE FIN FLOOR. ALL SOFFITS ARE AT 7'-4" ABOVE FIN FLOOR.



REFLECTED CEILING PLAN
SCALE 1/4" = 1'-0"



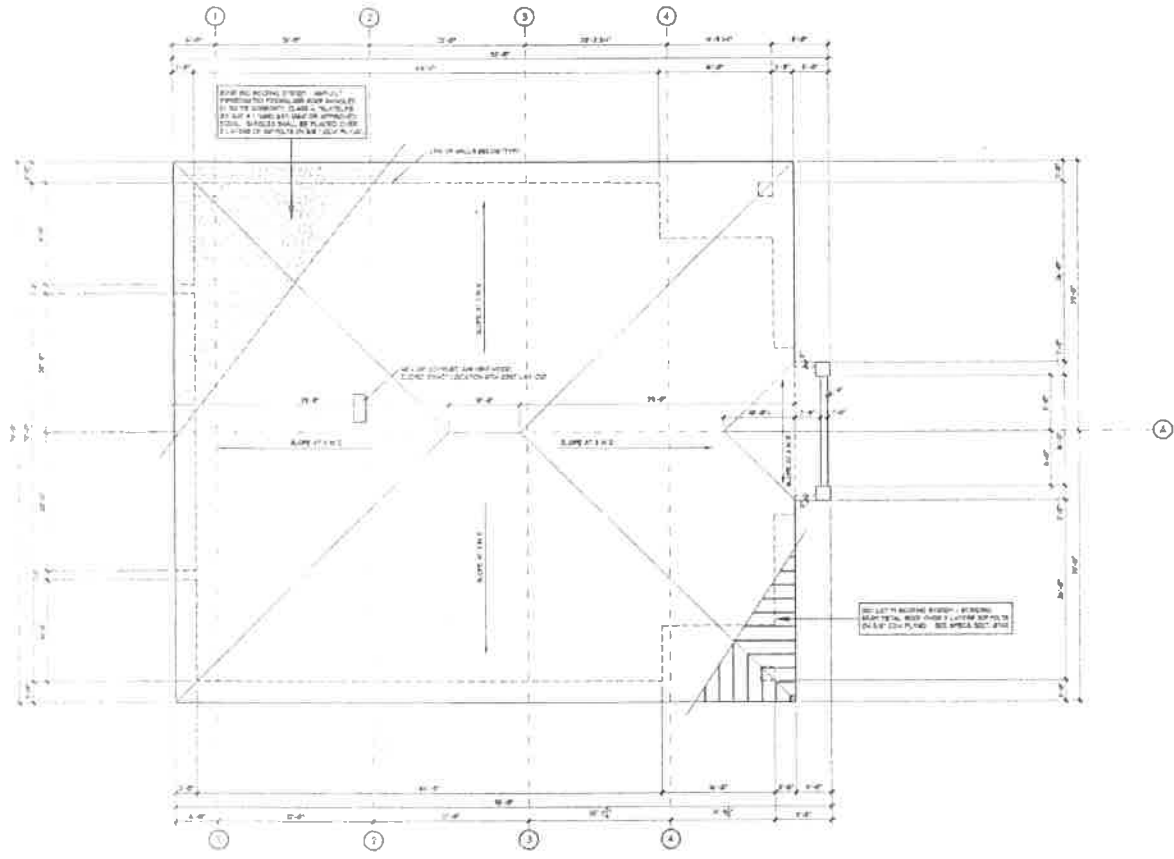
DATE SUBMITTED	REVISIONS
DATE DESIGNED	DATE IN CHARGE
PROJECT NO.	DATE NO. OF SETS
SHEET NO.	TITLE



NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROSWELL, NEW MEXICO



802 100
Los Cruces
New Mexico
88004
808 284-2111



ROOF PLAN
Scale 1/8" = 1'-0"



Scale	As Noted	Revised
Date	8/27/58	
Drawn by	J.S.A.	
Checked by	J.S.A.	
Scale	As Shown	
Sheet No.	A-7	
Title	ROOF PLAN	22-143

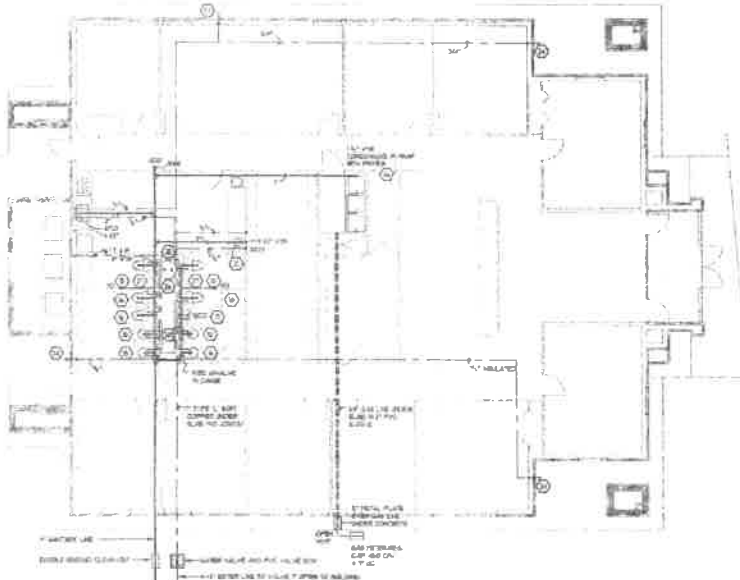


NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROOSEVELT, NEW MEXICO

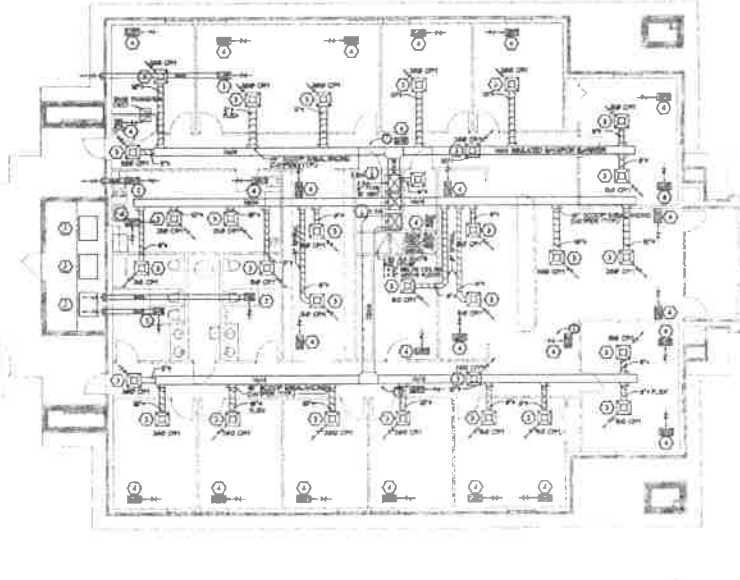


8 Box 140
Los Cruces
New Mexico
38804
505 325-3111

A-7

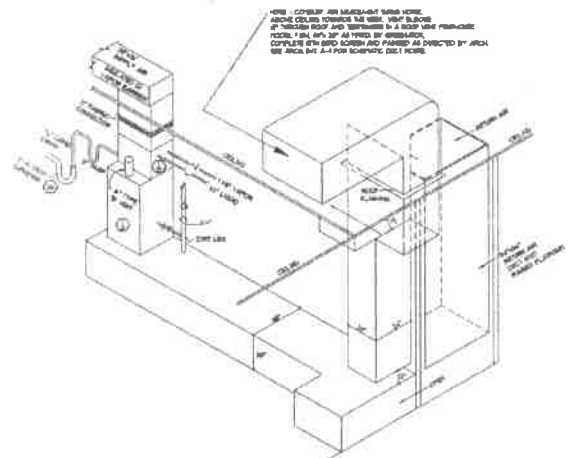


PLUMBING PLAN
SCALE: 1/8" = 1'-0"



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

PLUMBING EQUIPMENT SCHEDULE	
1. TOILET TO MEET ADA REQUIREMENTS FLOOR FINISHED TANK TYPE 18 GPM ELONGATED BOWL SAFETY VITREOUS CHINA SILENT 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	17. 8MG. ADA REQUIREMENTS TRIPLE COMPONENT SIZE 20" DIA. 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
2. COIL, FLOOR MOUNTED TANK TYPE 4 GPM ELONGATED BOWL SAFETY VITREOUS CHINA VITREOUS CHINA OPEN FRONT BOWL NO COVER 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	18. HOT WATER HEATER ELECTRIC 40 GALLON 2 EACH 4000 WATT ELEMENTS 240 VOLT COMBINATION TYPE 1/2" TRAP TAKE 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
3. URINAL TO MEET ADA REQUIREMENTS WALL HANG 3/4" TOP BOWL 18 GPM SINKING JET BOWL VITREOUS CHINA SILENT 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	19. EXPANSION TANK PORTABLE WATER 3 GALLON 20" DIA. 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
4. LAVATORY TO MEET ADA REQUIREMENTS COUNTER TOP 18" DIA. 18" H. 18" W. 18" D. VITREOUS CHINA SILENT 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	20. BALL VALVE 1/2" DIA. 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
5. SINK TO MEET ADA REQUIREMENTS DOUBLE COMPARTMENT 18" DIA. 18" H. 18" W. 18" D. VITREOUS CHINA SILENT 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	21. BACK FLOW PREVENTER REDUCED PRESSURE PRINCIPAL 1/2" DIA. 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
6. TRAP SERVICE BURNER SIZE 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	22. FLOOR DRAIN 1/2" DIA. 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.



FURNACE ROOM DETAIL
NO SCALE

MECHANICAL EQUIPMENT SCHEDULE	
1. AIR CONDITIONER SYSTEMS PROGRAMMABLE THERMOSTAT	1. AIR CONDITIONER SYSTEMS PROGRAMMABLE THERMOSTAT
A. FURNACE (OPTIONAL) NATURAL GAS FORCED AIR 18000 BTU/HOUR 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	2. CEILING EXHAUST FAN DECORATIVE GRILLE ACCOUPLING LINED 1800 CFM 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
B. COOLING COIL NORMAL 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	3. CEILING DIFFUSER SUPPLY AIR SQUARE 24" X 24" 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.
C. CONDENSER UNIT NORMAL 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.	4. GRILLE RETURN AIR 1/2" SUCT. RST BY COVER RAMP CAST BRASS SERVICE STOP, OAL.

SCALE AS NOTED
DATE: 07/15/18
DRAWN BY: [Name]
CHECKED BY: [Name]
DESIGN NO.: [Number]
SHEET NO.: [Number]
THE FURNACE & TECHNICAL, INC.

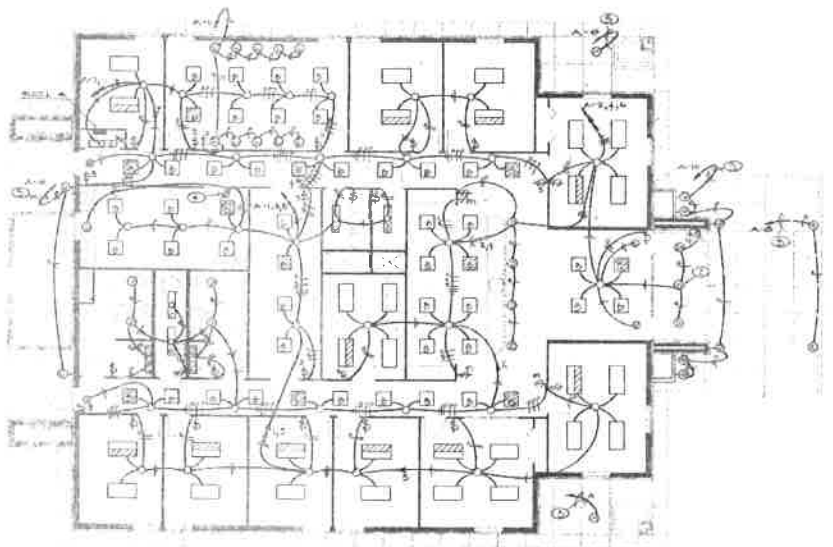


NEW OFFICE BUILDING
FOR
FARM CREDIT OF NEW MEXICO
ROSWELL, NEW MEXICO



1801300
Los Cruces
New Mexico
88024
505.328.1111

MP-1



LIGHTING PLAN

DATE: 11-10



NORTH

FOR SPECIFIC ELECTRICAL NOTES SEE SHEET E-4

FOR ELECTRICAL SYMBOLS SEE SHEET E-4

COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS AND DETAILS.

FOR EXACT LOCATION OF MECHANICAL STEPS (INCLUDING LOCATION OF THERMOSTATS) SEE MECHANICAL PLANS.

ALL POWER, CONTROL AND LIGHTING CONDUITS AND RACEWAY RUNS TO INCLUDE CODE SIDE GROUND WIRING.

ALL SURFACE CONDUIT TO BE PAINTED TO MATCH EXISTING SURFACES.

FOR EXACT LOCATION OF ALL OUTLETS IN FURNITURE (POWER, TELEPHONE/DATA, LIGHTING, SECURITY, ETC) SEE ARCHITECTURAL DETAILS.

INDICATE EXISTING RECEPTACLE OR EACH MECHANICAL UNIT LOCATED ON THE ROOF OR IN OTHER EXTERIOR LOCATION.

FIXTURE SCHEDULE

TYPE	DESCRIPTION	QUANTITY	NOTES
A	LITRONA PREGUARDIA (L25-1800)ALUMINICO	4-FIXTURE	CEILING RECESSED
B	LITRONA 4 BIFOROS LITRONA (L25-1800)ALUMINICO	2-FIXTURE	CEILING RECESSED
C	LITRONA 5 VIVIDA (L25-1800)ALUMINICO	3-FIXTURE	CEILING SURFACE
D	LITRONA 8 AF2000T4AL-120	2-FIXTURE	CEILING RECESSED
E	REAPER 865-875FC	4-FIXTURE	WALL ABOVE MIRROR
F	LITRONA 866AC	1-FIXTURE	CEILING RECESSED
M	LITRONA 866LITRONA (L25-1800)ALUMINICO	1-FIXTURE	CEILING RECESSED
N	LITRONA 866LITRONA (L25-1800)ALUMINICO	1-FIXTURE	WALL UP 8"
Q	ADWIGHT 866LITRONA (L25-1800)ALUMINICO	1-FIXTURE	WALL AS DETAILED BY ARCHITECTURAL
R	IN CONTACT 866LITRONA (L25-1800)ALUMINICO	1-FIXTURE	AS DETAILED BY ARCHITECTURAL
X	LITRONA 866LITRONA (L25-1800)ALUMINICO	8-FIXTURE	CEILING SURFACE

DATE: 11-10
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 SCALE: 1/8" = 1'-0"

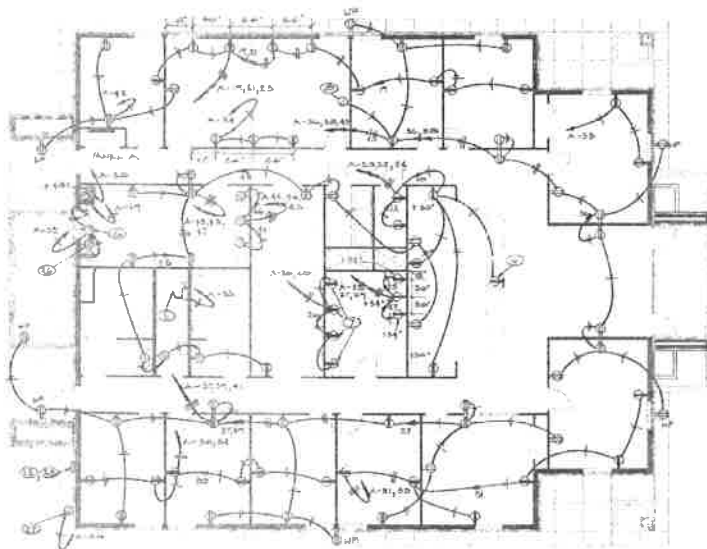
PROJECT: NEW OFFICE BUILDING FOR FARM CREDIT OF NEW MEXICO
 LOCATION: ROSWELL, NEW MEXICO

NEW OFFICE BUILDING
 FOR
 FARM CREDIT OF NEW MEXICO
 ROSWELL, NEW MEXICO

A S A



801 100
 Los Cruces
 New Mexico
 88004
 505 325-1111



POWER PLAN

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



FOR SPECIFIC ELECTRICAL NOTES SEE SHEET E-1

FOR ELECTRICAL SYMBOLS SEE SHEET E-4

COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS AND DETAILS.

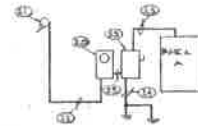
FOR EXACT LOCATION OF MECHANICAL ITEMS (INCLUDING LOCATION OF THERMOSTATS), SEE MECHANICAL PLANS.

ALL POWER, CONTROL AND LIGHTING CONDUITS AND RACEWAY RUNS TO INCLUDE CODE SIZE GROUND WIRES.

ALL SURFACE CONDUIT TO BE FINISHED TO MATCH EXISTING SURFACES.

FOR EXACT LOCATION OF ALL OUTLETS IN FURNITURE POWER, TELEPHONS, DATA, LIGHTING, SECURITY, ETC., SEE ARCHITECTURAL DETAILS.

PROVIDE A WPOFC RECEPTACLE ON EACH MECHANICAL UNIT LOCATED ON THE ROOF OR IN OTHER EXTERIOR LOCATION.



POWER RISER
SERVING AT 100/200V, 3 PHASE, 4 WIRE

LOAD ANALYSIS
CONNECTED = 4.77 KVA
EST. MAX. DEMAND = 58 KVA

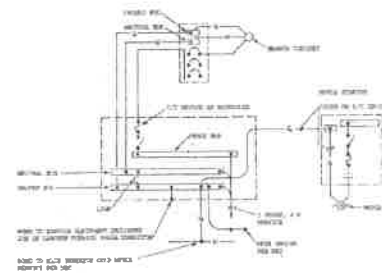
SHORT CIRCUIT STUDY
ADJUSTED TO 474 TRM-4 @ 2% Z
MAX. FAULT = 76A
USE MINIMUM 1000AC BREAKERS

LIGHTING BUDGET
10 KVA @ 80% EFFICIENCY (170) 5000 95 FT
= 1.7 WATTS/SQ FT

PANEL SCHEDULES

PANEL "A"
100/200V, 3 PHASE, 4W, 400A M.O. SQUARE D WOOD SURFACE
MOUNTED, 3 BAY, 24 POLES

DESCRIPTION	QUANTITY	TERMINAL	LOAD
15 100/200V	20A 1P	#12	LIGHTS
12 100/200V	20A 1P	—	SPACES
18 100/200V	20A 1P	#12 210V	RECEPTACLES
20 100/200V	20A 1P	#12	RECEPTACLES
10 57.60	20A 3P	#6	RANGE
10 57.60	40A 2P	#8	MHW
10 57.60	20A 1P	#12	MISC.
10 57.60	20A 1P	#10	MISC.
10 57.60	20A 3P	#8	MISC.
60 1146.74	1P	—	SPACE ONLY



TYPICAL GROUNDING DETAIL

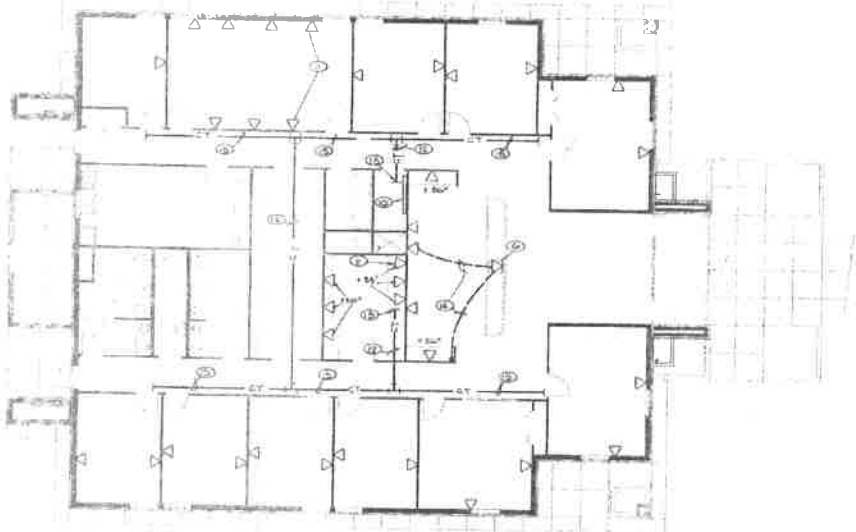
DATE: 01/15/88	REVISION:
DRAWN BY: JAC	
CHECKED BY: JAC	
DESIGNED BY: JAC	
SCALE: 1/8" = 1'-0"	
TITLE: ELECTRICAL PLAN	



NEW OFFICE BUILDING
 FOR
FARM CREDIT OF NEW MEXICO
 ROSWELL, NEW MEXICO



8 905 140
 Los Cruces
 New Mexico
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 505 336-3111



SPECIAL SYSTEMS PLAN

10/15/57



NORTH

FOR SPECIFIC ELECTRICAL NOTES SEE SHEET E-4
 FOR ELECTRICAL SYMBOLS SEE SHEET E-4

COORDINATE EXACT LOCATION OF ALL LIGHTING
 FIXTURES WITH ARCHITECTURAL REFLECTED
 CEILING PLANS AND DETAILS.

FOR EXACT LOCATION OF MECHANICAL ITEMS
 INCLUDING LOCATION OF THERMOSTATS, SEE
 MECHANICAL PLANS.

ALL POWER, CONTROL AND LIGHTING CONDUITS AND
 RACEWAY RUNS TO INCLUDE CODE SIZE GROUND
 WIRE.

ALL SURFACE MOUNTING TO BE PAINTED TO MATCH
 EXISTING SURFACES.

FOR EXACT LOCATION OF ALL OUTLETS IN
 FURNITURE (POWER, TELEPHONE/DATA, LIGHTING,
 SECURITY, ETC.) SEE ARCHITECTURAL DETAILS.

PROVIDE A VERIFIED RECEPTACLE ON EACH
 MECHANICAL UNIT LOCATED ON THE ROOF OR IN
 OTHER EXTERIOR LOCATION.

SYMBOL LEGEND

- | SYMBOL | DESCRIPTION |
|--------|---|
| ○ | CESLUM OUTLET AND FEATURE TYPE INDICATED IN FUTURE SCHEDULE. |
| ○ | REARLET FOOTING AND OUTLET TYPE INDICATED IN FUTURE SCHEDULE. |
| ○ | CESLUM MOUNTED EXIT FEATURE AND OUTLET, WITH DIRECTIONAL
ARROWS AS INDICATED TYPE INDICATED IN FUTURE SCHEDULE. |
| □ | PLUMBING SYMBOL AND GULCH TYPE INDICATED IN FUTURE
SCHEDULE. |
| ▨ | FOOTER SHOWN WITH ORIENTATION, INCLUDES LIGHTABLE EMB
EMERGENCY POWER PACK. |
| ⌋ | PAINTED BOX ABOVE CEILING, WITH FIVE CONDUIT CONNECTIONS TO
FOOTER, INCLUDING 4" FULF, WITH CONDUCTORS AS SHOWN,
INCLUDING GROUND WIRE. |
| ⌋ | POLE MOUNTED FLEXIBLE AND POLE. |
| ⌋ | ROCKS POLE WALL SWITCH FLUSH MOUNTED, UP OR AS NOTED. |
| ⌋ | TURBID WALL SWITCH FLUSH MOUNTED, UP OR AS NOTED. |
| ⌋ | POLE WAY WALL SWITCH FLUSH MOUNTED, UP OR AS NOTED. |
| ⌋ | FLUO SWITCH FLUSH MOUNTED, UP OR AS NOTED. |
| ⌋ | ELECTRICAL DRUMS SWITCH, 150 WATT OR AS NOTED FLUSH MOUNTED,
UP OR AS NOTED. |
| ⌋ | THERMAL O.I. SWITCH WEATHER PLUG OF OUTSIDE. |
| ⌋ | REARLET BOX FOR CONNECTION TO EQUIPMENT. |
| ⌋ | EXPLOSION PROOF SUPPRESSION OUTLET IN TABLE 150-2 WHICH IS PLATE
UP OR AS NOTED. |
| ⌋ | DUPLEX CONDUITANCE OUTLET UP OR AS NOTED. |
| ⌋ | GROUND BUILT INTERMEDIATE OUTLET, 1/2" HORIZONTAL, 1/2" IN
PLATE UP OR AS NOTED. |
| ⌋ | WEATHERPROOF DUPLEX CONDUITANCE OUTLET, UP OR AS NOTED,
IN SMALL HOUSING WITH 1/2" IN COVER. |
| ⌋ | 30 AMP, 250 VOLT, 2-PHASE TYPE RECEPTACLE, UP OR AS NOTED,
IN SMALL HOUSING WITH 1/2" IN COVER. |
| ⌋ | TELEPHONE/DATA OUTLET, UP OR AS NOTED TWO GANG, WITH 2 1/2" IN
JACK, EXTENDING UP CONDUIT INTO CEILING SPACE TO CABLE TRAY. |
| ⌋ | PROTECTIVE LIGHTING CONTROLLED PROJECTION FIXTURE MOUNTED ON 1/2"
ABOVE CEILING, STUDIED UP 1/2" ABOVE ROOF (HIDDEN FACTORY HOIST). |
| ⌋ | CIRCUIT BREAKER PANEL. |
| ⌋ | MOTOR CONNECTION WITH RE AS INDICATED. |
| ⌋ | MOTOR CONNECTION FOR MECHANICAL HP MOTOR (1/4 HP OR LESS)
PROVIDE THERMAL O.I. ENTRY IN CONDUIT TO MOTOR. |
| ⌋ | BARNET OPTICAL PUMP, MINIMA IN CIRCULAR SIZE AND Holes AS REQUIRED. |
| ⌋ | CABLE TRAY TO BE INSTALLED ABOVE CEILING, MOUNTED WITH 1/2" IN
SIDE WALL MOUNTED UNDER NOTED CEILING TRAY TO BE 1/2" IN
DETAILS AS INDICATED BY MANUFACTURER. |
| ⌋ | BRANCH CIRCUIT IN WALL OR UNDER FLOOR, WITH CONDUITS
INDICATED. |
| ⌋ | BRANCH CIRCUIT IN WALL OR UNDER FLOOR, WITH CONDUITS
INDICATED. |
| ⌋ | WIRE RUN TO PANEL, WITH BRANCH CIRCUIT MEMBERS INDICATED. |
| ⌋ | THE MAKEUP EXTERIOR NEUTRAL, HOT AND SWITCH LINE APPROXIMATELY,
ALL CONDUITS TO INCLUDE A CODE SIZE GROUND WIRE. |

DATE: 10/15/57
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT NO.: [Number]
 SHEET NO.: E-3
 OF 3 SPECIAL SYSTEMS PLANS

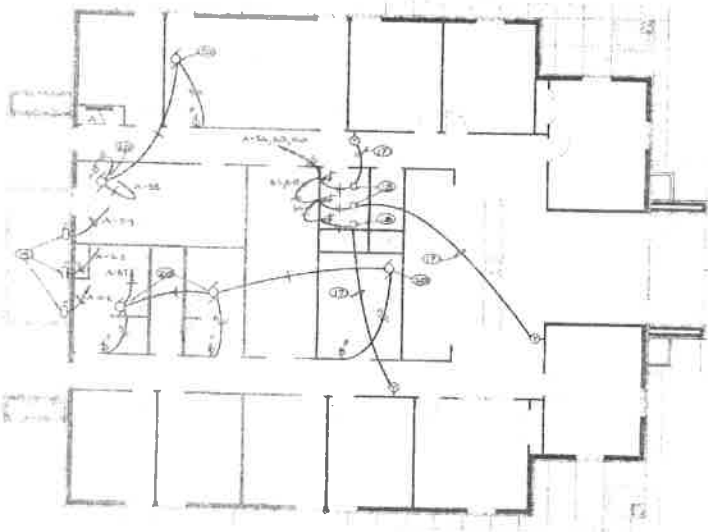


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 FOR
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 ROBINWELL, NEW MEXICO



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E-3



MECHANICAL POWER PLAN

EXT. V-17



FOR SPECIFIC ELECTRICAL NOTES SEE SHEET E-7
FOR ELECTRICAL SYMBOLS SEE SHEET E-6

COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS AND DETAILS.

FOR EXACT LOCATION OF MECHANICAL ITEMS INCLUDING LOCATION OF THERMOSTATS, SEE MECHANICAL PLANS.

ALL POWER, CONTROL AND LIGHTING CONDUITS AND RACEWAY RUBBS TO INCLUDE CODE SIZE GROUND WIRE.

ALL SURFACE CONDUIT TO BE PAINTED TO MATCH EXISTING SURFACES.

FOR EXACT LOCATION OF ALL OUTLETS IN FURNITURE (CHAIRS, TELEPHONESTANDS, LIGHTING, SECURITY, ETC.) SEE ARCHITECTURAL DETAILS.

PROVIDE A VISIBLE RECEPTACLE ON EACH MECHANICAL UNIT LOCATED ON THE ROOF OR IN OTHER EXTERIOR LOCATIONS.

NOTES

- 1 ALL FIXTURES THIS PLAN TO BE TYPE 'A' OR AS NOTED.
- 2 PROVIDE EMERGENCY BALLAST FOR EACH FIXTURE.
- 3 1/2" DIA. 2" CONDUIT WITH SOG. SWITCH CONTROLLED BY PHOTOCELL. CIRCUIT AS INDICATED.
- 4 1 OUTLET.
- 5 CONNECTION TO WATER HEATER.
- 6 WOOD 2" DIA.
- 7 3 GANG INR. WITH 2 DUPLEX RECEPTACLES.
- 8 CONNECTION TO BROADCAST SPEAKERS AND CONTROL.
- 9 SEE 'POWER PLAN' FOR SPACING OF THESE OUTLETS.
- 10 8 X 8 X 3/4" PLYWOOD TUBULAR BOARD, EXTEND 2" CONDUIT TO PROPERTY LINE FOR TELEPHONE ENTRANCE.
- 11 SEE 'POWER PLAN' FOR SPACING OF OUTLETS.
- 12 THIS RIM OF CABLE TRAY TO BE DOUBLE BEAM, SUPPORTED FROM STRUCTURE ABOVE CEILING.
- 13 VERTICAL DRIP TRAIL COND. FOR SERVICES.
- 14 1" CONDUIT UNDER FLOOR, USE WHEAS DRAWING AND EXTEND TO CABLE TRAY.
- 15 1/2" DIA. CABLE TRAY, WALL MOUNTED ABOVE CEILING.
- 16 FOR DISPOSAL, UP 1/2".
- 17 1/2" CONDUIT WITH CONNECTIONS AS REQUIRED.
- 18 FURNACE, 3-HP, 120V.
- 19 CONDENSING UNIT 3/4" DIA. 208V, 1 PHASE, EXTEND CONTROL WIRING AS REQUIRED TO FURNACE.
- 20 SIGNATURE.
- 21 WEATHERHEAD ON POLE.
- 22 4-1/2" DIA. 1/2" THICK COPPER OR 1" CONCRETE, 10' UNDERGROUND.
- 23 4-1/2" DIA. 1/2" THICK COPPER OR 1-1/4" THICK CONCRETE, 10' UNDERGROUND.
- 24 1-1/2" DIA. COPPER IN 3/4" CONDUIT TO UPPER AND WATER SERVICE CAPPED.
- 25 200A 3 PHASE METER BASE AS REQUIRED BY SUPPLY.
- 26 FOR DRIFTWATERS, UP 1/2".
- 27 CONNECTIONS TO BE MADE IN FIELD CONTROLS.
- 28 METERS AS INDICATED BY SYMBOLS.

DATE: 11/14/71	BY: [Signature]
DRAWN BY: [Signature]	CHECKED BY: [Signature]
PROJECT NO.:	SCALE: 1/8" = 1'-0"
SHEET NO.:	TOTAL SHEETS: 4
FOR MECHANICAL POWER PLAN	



NEW OFFICE BUILDING
FOR
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E-4