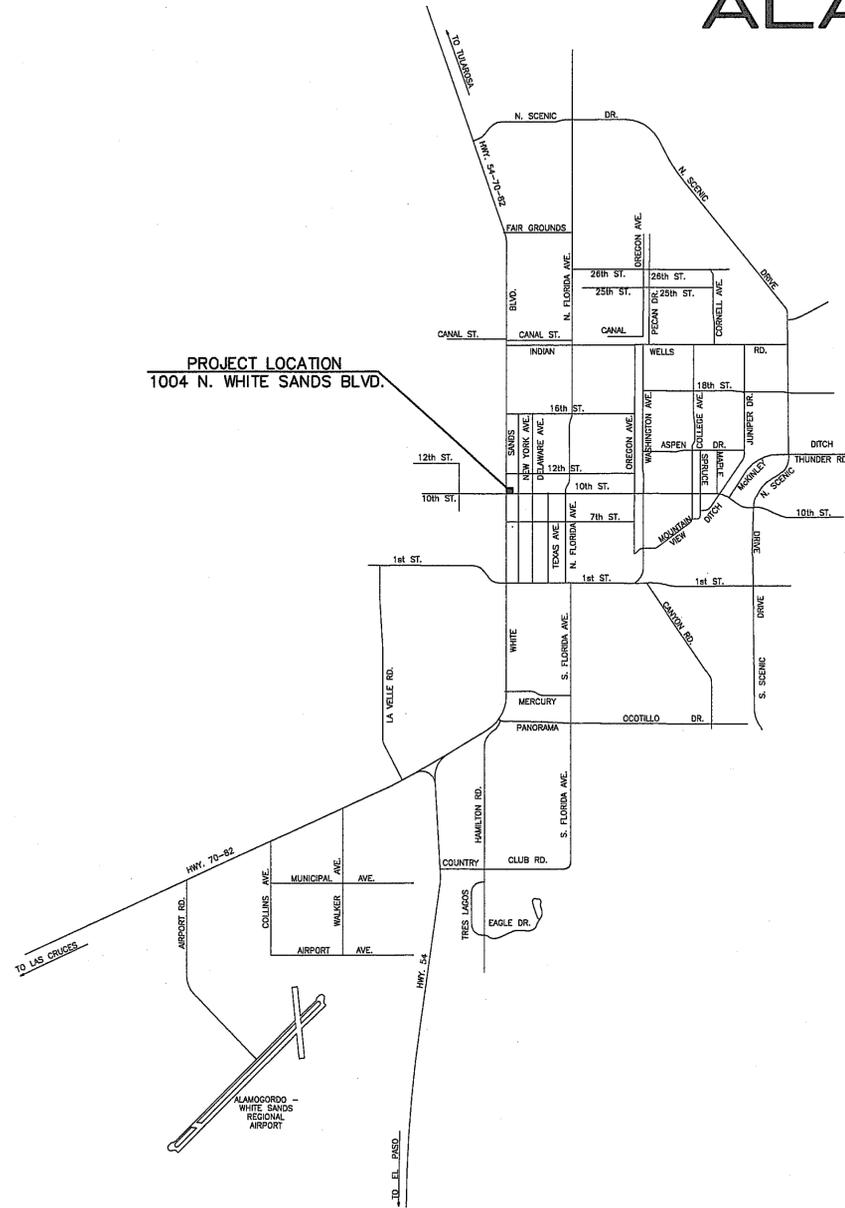


# PHASE 1 MECHANICAL UPGRADE AT THE PLAZA MUSEUM 1004 N. WHITE SANDS BLVD. ALAMOGORDO, NEW MEXICO



LOCATION MAP  
NTS



SHEET INDEX	
G-1	COVER SHEET, LOCATION MAP, PROJECT DATA
M-1	MECHANICAL PLAN, DESIGN /GENERAL MECHANICAL NOTES & KEYED NOTES

PROJECT DATA	
<b>PROJECT DESCRIPTION:</b> THIS PROJECT CONSIST OF THE DESIGN AND INSTALLATION OF A NEW MECHANICAL SYSTEM, INCLUDING GAS LINES FOR THE NEW ROOF TOP HVAC UNITS.	
<b>BUILDING DATA:</b>	
OCCUPANCY TYPE:	A-3 MUSEUM
CONSTRUCTION TYPE:	V-A
OVERALL BUILDING AREA:	7,040 SF

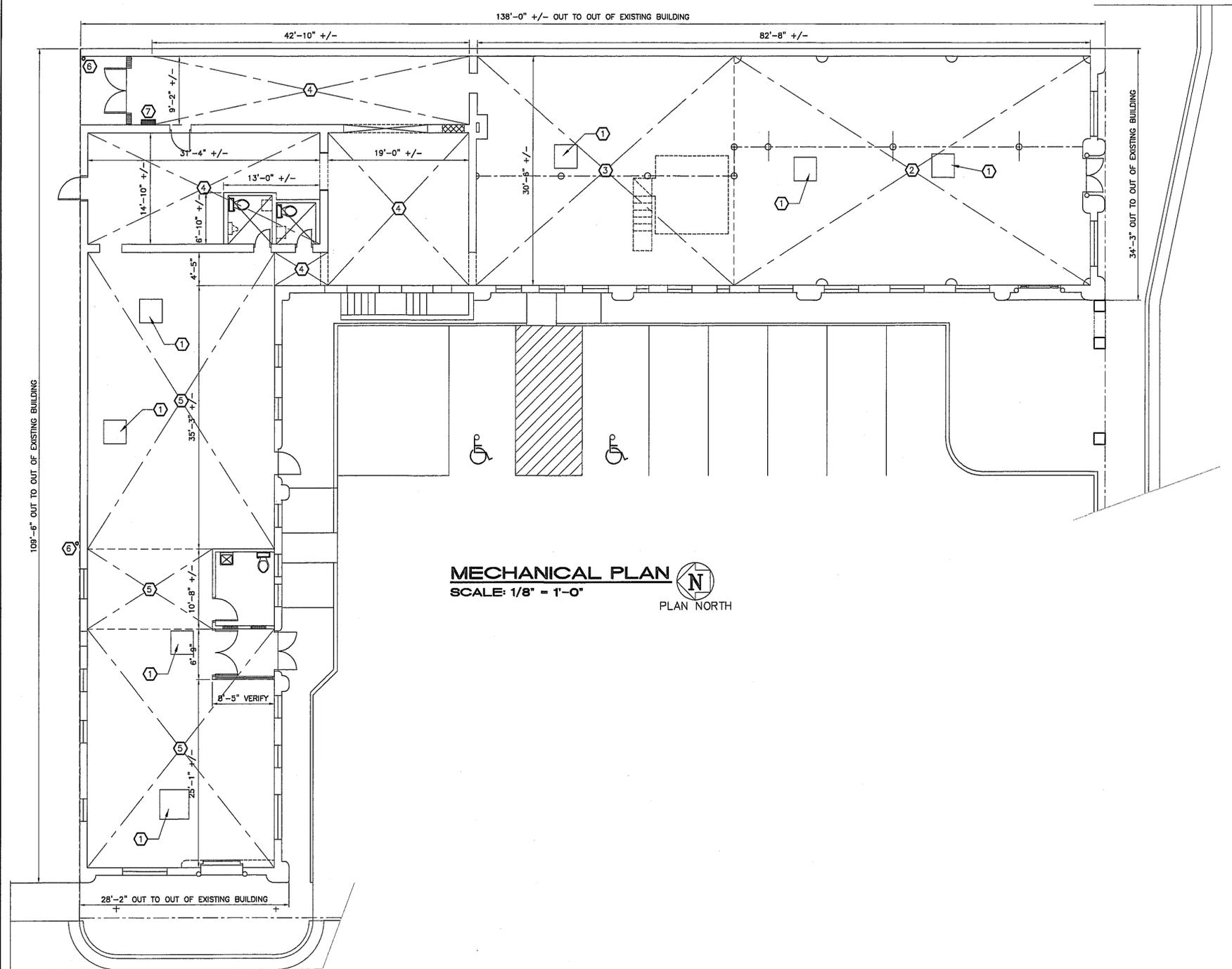
DATE: X-X-X  
JOB #:  
DWC. BY:  
CHK. BY:  
REVISIONS:

COVER SHEET, LOCATION MAP + PROJECT DATA  
FOR  
TULAROSA BASIN HISTORICAL SOCIETY

PHASE 1  
MECHANICAL UPGRADE  
TO  
THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO

VISION ARCHITECTURE GROUP, LLC  
PO BOX 136, CHAMBERINO, NM 88027  
TELEPHONE: (575) 689-1842  
EMAIL: visionarch@juno.com





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

- KEYED NOTES**
1. LOCATION OF EXISTING 3' SQUARE ROOF AND CEILING PENETRATION TO BE USED.
  2. THE EXISTING CEILING IN THIS AREA CONSISTS OF ROUND WOOD VEGAS W/ CONCAVE GYPSUM PLASTER BETWEEN VEGAS. NO NEW CEILING PENETRATIONS WILL BE ALLOWED IN THIS AREA. REUSE EXISTING CEILING PENETRATIONS FOR INSTALLATION OF NEW SUPPLY & RETURN AIR REGISTERS & GRILLS IN THIS AREA.
  3. THE CEILING IN THIS AREA WILL BE 5/8" GYP. BOARD SECURED TO BOTTOM OF EXISTING, WOOD CEILING JOIST.
  4. THE CEILING IN THIS AREA WILL BE NEW 2'x2' SUSPENDED ACOUSTICAL CEILING SYSTEM. NEW CEILING SUPPLY & RETURN AIR REGISTERS AND GRILLS AS WELL AS NEW DUCTING ABOVE CEILING WILL BE ALLOWED IN THIS AREA.
  5. THE EXISTING CEILING IN THIS AREA CONSISTS OF WOOD VEGAS W/ 1x2 WOOD SLATS BETWEEN VEGAS. NO NEW CEILING PENETRATIONS WILL BE ALLOWED IN THIS AREA. REUSE EXISTING CEILING PENETRATIONS FOR INSTALLATION OF NEW SUPPLY & RETURN AIR REGISTERS AND GRILLS IN THIS AREA.
  6. APPROX. LOCATION OF EXISTING GAS RISER. DESIGN AND INSTALL NEW GAS SUPPLY SYSTEM FOR NEW HVAC UNITS ON ROOF. FURNISH GAS CONSUMPTION REQUIREMENTS TO LOCAL GAS COMPANY FOR INSTALLATION OF THE REQUIRED GAS METER.
  7. LOCATION OF NEW 120/240v, SINGLE PHASE, SURFACE MOUNT ELECTRICAL PANEL WHICH WILL BE INSTALLED AS PART OF PHASE 5 CONSTRUCTION. INSTALL 1" RIGID CONDUIT ROOF PENETRATION AT EACH NEW HVAC UNIT WHICH EXTENDS 12" ABOVE AND BELOW ROOF DECK.

- DESIGN + GENERAL MECHANICAL NOTES**
1. The Mechanical Contractor shall furnish design documents that have been prepared by a New Mexico Licensed Mechanical Engineer for the mechanical construction cost submitted.
  2. The Mechanical Contractor shall furnish four sets of submittals of the equipment, fittings, insulation, ductwork and all accessories proposed for installation.
  3. The Mechanical Contractor shall furnish and install a complete mechanical supply and return air system in accordance with all state and local codes.
  4. All design and construction will be done in accordance with the 2009 International Mechanical Code, The 2009 New Mexico Mechanical and the 2009 International Energy Conservation Code.
  5. The Mechanical Contractor will furnish a 10 year equipment warranty and a 2 year installation warranty.
  6. All rooftop HVAC units will be set on prefab curbs.
  7. All ductwork to meet SMACNA requirements.
  8. Supply air duct to be insulated with 1" fiberglass and vapor barrier back to unit (in unconditioned space & on roof top).
  9. Return air duct to be insulated with 1" fiberglass and foil backing to unit (in unconditioned space and roof top).
  10. Design and install new roof mounted gas supply system for new HVAC units. Connect to existing gas meter.
  11. No new penetrations will be allowed into the existing ceilings unless prior approval is given on the design documents furnished by the Mechanical Contractor. Reuse existing ceiling penetrations where possible.
  12. Note this project will coincide with several other projects which will effect the time and coordination of construction on this project. Additional phase's include the reroofing and interior upgrades.
- DESIGN CRITERIA**
1. Roof top HVAC units with a maximum size of 5 ton, gas fired heating, refrigerated cooling, down draft, single phase electrical system and a 20% fresh air, screened, fixed louver.
  2. Heating and cooling range from 60 degrees to 80 degrees with a humidity variance of 10% to 15%.
  3. All units will be furnished with digital thermostats with night set back.
  4. All exposed ceiling and wall supply air registers and return air grills will be prefinished, metal and in an antique style.

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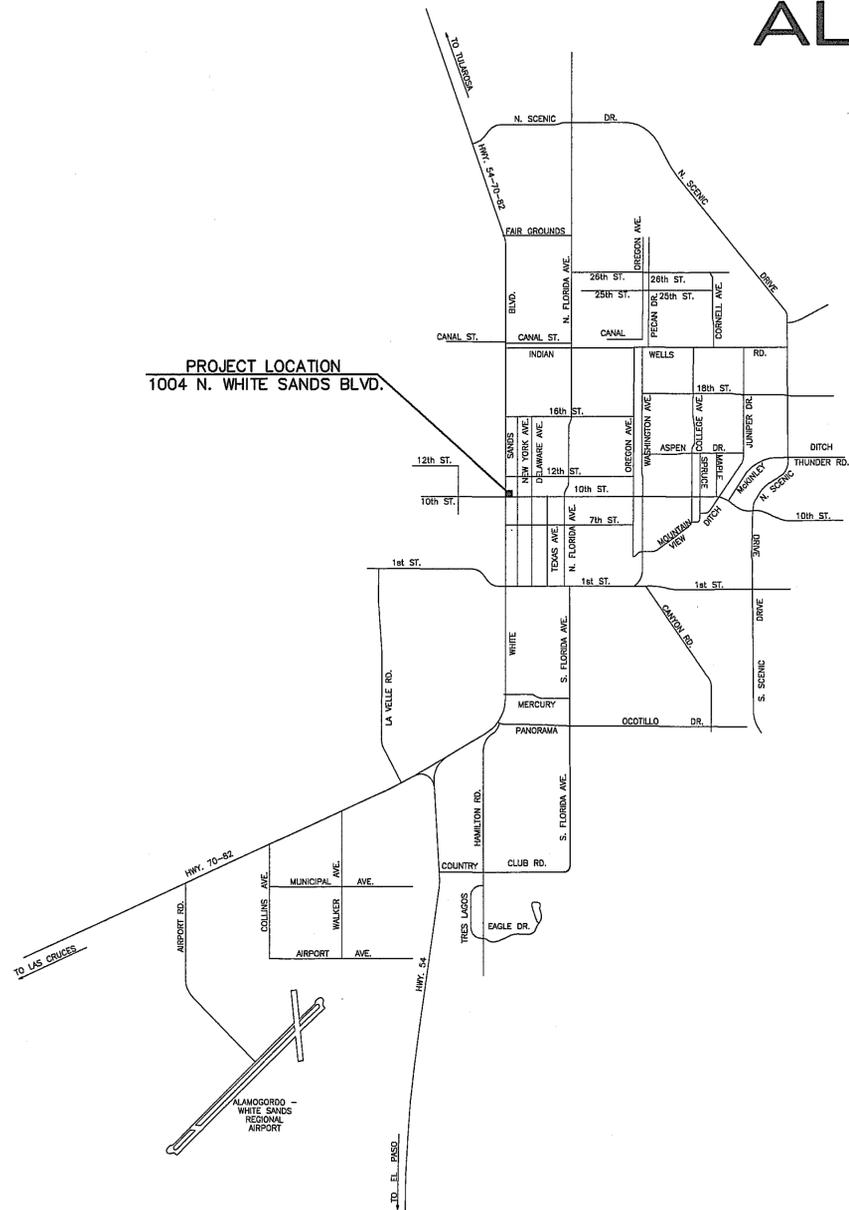


DATE	X	X	X
JOB #			
DWG. BY			
CHK. BY			
REVISIONS			

MECHANICAL PLAN, DESIGN/  
GENERAL MECHANICAL  
NOTES + KEYED NOTES  
FOR  
TULAROSA BASIN  
HISTORICAL SOCIETY

PHASE 1  
MECHANICAL UPGRADE  
TO  
THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO

# PHASE 2 RE-ROOFING AT THE PLAZA MUSEUM 1004 N. WHITE SANDS BLVD. ALAMOGORDO, NEW MEXICO



**LOCATION MAP**  
NTS  
PLAN NORTH

SHEET INDEX
G-1 COVER SHEET, LOCATION MAP, PROJECT DATA
A-1 ROOF DEMO. & ROOF PLANS, DETAILS & NOTES
A-2 SPECIFICATIONS & DETAILS

PROJECT DESCRIPTION + BUILDING DATA	
<b>PROJECT DESCRIPTION:</b>	
<b>BASE BID:</b> THIS BID CONSIST OF THE REMOVAL OF THE EXISTING ROOF SYSTEM DOWN TO WOOD DECK AND THE INSTALLATION OF NEW 60mil, FULLY ADHERED, TPO SYSTEM OVER 1/2" RECOVERY BOARD.	
<b>BID OPTION 1:</b> THIS BID CONSISTS OF THE INSTALLATION OF A SILICONE ROOF COATING SYSTEM OVER EXISTING SINGLE PLY MEMBRANE SYSTEM.	
<b>BUILDING DATA:</b>	
OCCUPANCY TYPE:	A-3 MUSEUM
CONSTRUCTION TYPE:	V-A
OVERALL BUILDING AREA:	7,040 SF

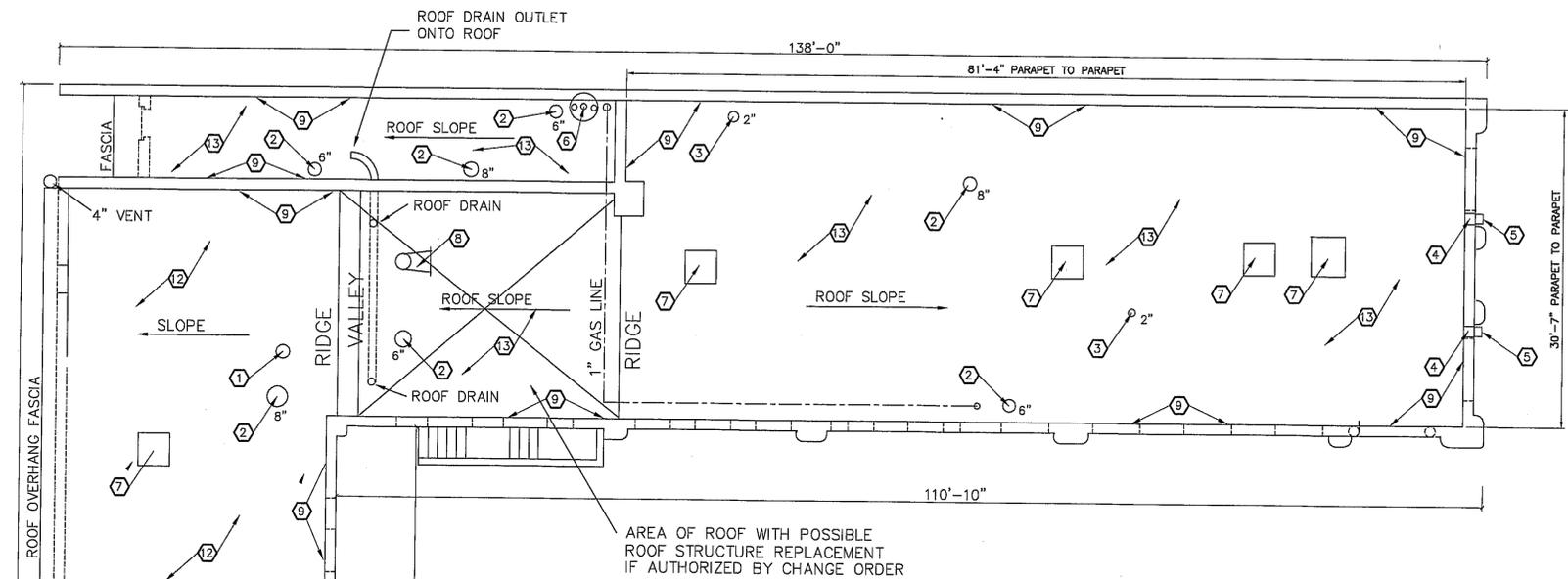
**VISION ARCHITECTURE GROUP, LLC**  
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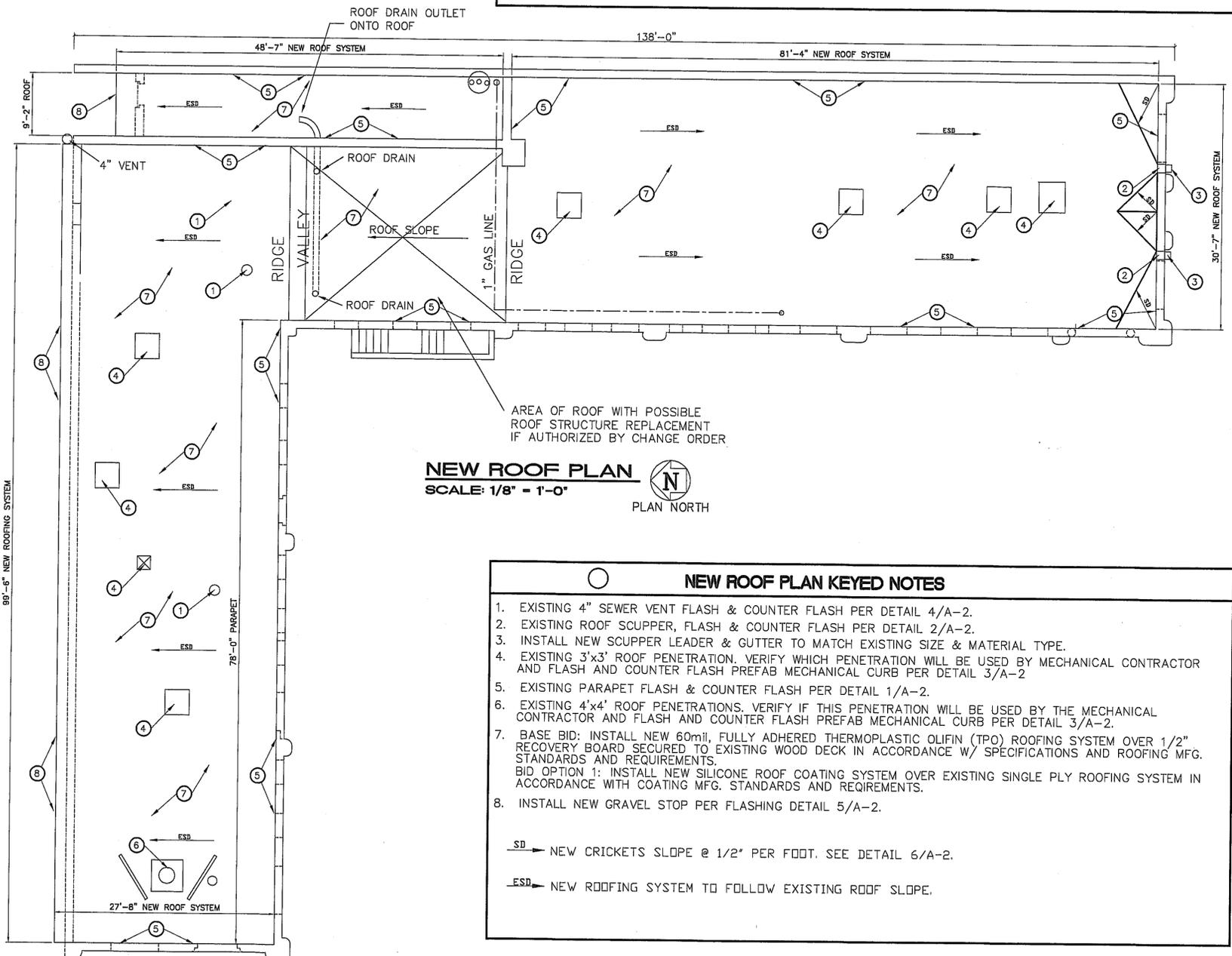
COVER SHEET, LOCATION MAP + PROJECT DATA  
 FOR  
**TULAROSA BASIN HISTORICAL SOCIETY**

**PHASE 2 RE-ROOFING TO THE PLAZA MUSEUM**  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO, NEW MEXICO



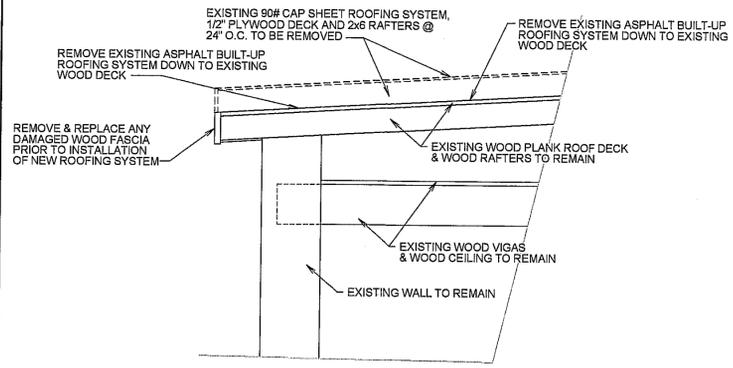
**ROOF DEMOLITION PLAN**  
 SCALE: 1/8" = 1'-0"  
 PLAN NORTH

- ROOF DEMOLITION PLAN KEYED NOTES**
- EXISTING 4" SEWER VENT STACKS TO REMAIN IN PLACE. REMOVE EXISTING FLASHINGS & PREPARE FOR NEW ROOF SYSTEM AND FLASHINGS.
  - EXISTING EXHAUST FLUE (SIZE AS NOTED) AND ALL FLASHINGS & COUNTER FLASHINGS TO BE REMOVED. COVER DECK PENETRATION WITH 20ga GAL. METAL COVER WITH A 6" OVERLAP. SCREW ATTACH TO EXISTING DECK.
  - REMOVE EXISTING SEWER VENT STACKS, FLASHINGS AND COUNTER FLASHINGS. COVER DECK PENETRATION WITH 20ga GAL. METAL COVER WITH A 6" OVERLAP. SCREW ATTACH COVER TO EXISTING DECK.
  - EXISTING ROOF SCUPPERS TO REMAIN. REMOVE ALL FLASHINGS & COUNTER FLASHINGS AS REQUIRED FOR THE INSTALLATION OF NEW ROOFING SYSTEM.
  - REMOVE EXISTING DOWNSPOUT AND SALVAGE TO OWNER.
  - EXISTING ELECTRICAL CONDUIT THRU ROOF TO REMAIN. REMOVE ALL FLASHINGS & COUNTER FLASHING AS REQUIRED FOR THE INSTALLATION OF NEW ROOFING SYSTEM.
  - 3'x3' ROOF PENETRATIONS W/ DUCTS. REMOVE EXISTING DUCTS, VERIFY WHICH PENETRATION WILL BE USED BY THE MECHANICAL CONTRACTOR AND PROTECT FOR INSTALLATION OF NEW HVAC SYSTEMS. INFILL VOID IN EXISTING WOOD ROOF DECK WITH LIKE TYPE, SIZE AND THICKNESS OF NEW MATERIAL. SECURE TO EXISTING STRUCTURE.
  - 18" dia. EXISTING EXHAUST FLUE AND ALL FLASHINGS & COUNTER FLASHINGS TO BE REMOVED. INFILL VOID IN EXISTING WOOD ROOF DECK WITH LIKE TYPE, SIZE AND THICKNESS OF NEW MATERIAL. SECURE TO EXISTING STRUCTURE.
  - REMOVE ALL PARAPET FLASHINGS & COUNTER FLASHINGS AND PREPARE WALL FOR INSTALLATION OF NEW ROOFING SYSTEM.
  - 4'x4' ROOF PENETRATIONS W/ DUCTS. REMOVE EXISTING DUCTS, VERIFY WHICH PENETRATION WILL BE USED BY THE MECHANICAL CONTRACTOR AND PROTECT FOR INSTALLATION OF NEW HVAC SYSTEMS. INFILL VOID IN EXISTING WOOD ROOF DECK WITH LIKE TYPE, SIZE AND THICKNESS OF NEW MATERIAL. SECURE TO EXISTING STRUCTURE.
  - REMOVE EXISTING ELECTRICAL JUNCTION BOX, CONDUIT. REMOVE ALL EXISTING WIRE BACK TO NEAREST J-BOX.
  - REMOVE EXISTING ROOFING SYSTEM, DECK AND RAFTERS SEE DETAIL 1/A-1 ON THIS SHEET.
  - REMOVE 2 EXISTING ROOFING SYSTEMS DOWN TO EXISTING WOOD DECK. EXISTING ROOFING SYSTEM CONSISTING OF 90# CAP SHEETS OVER 2-LAYERS OF 30# BUILDING FELT NAILED TO WOOD DECK.



**NEW ROOF PLAN**  
 SCALE: 1/8" = 1'-0"  
 PLAN NORTH

- NEW ROOF PLAN KEYED NOTES**
- EXISTING 4" SEWER VENT FLASH & COUNTER FLASH PER DETAIL 4/A-2.
  - EXISTING ROOF SCUPPER, FLASH & COUNTER FLASH PER DETAIL 2/A-2.
  - INSTALL NEW SCUPPER LEADER & GUTTER TO MATCH EXISTING SIZE & MATERIAL TYPE.
  - EXISTING 3'x3' ROOF PENETRATION. VERIFY WHICH PENETRATION WILL BE USED BY MECHANICAL CONTRACTOR AND FLASH AND COUNTER FLASH PREFAB MECHANICAL CURB PER DETAIL 3/A-2.
  - EXISTING PARAPET FLASH & COUNTER FLASH PER DETAIL 1/A-2.
  - EXISTING 4'x4' ROOF PENETRATIONS. VERIFY IF THIS PENETRATION WILL BE USED BY THE MECHANICAL CONTRACTOR AND FLASH AND COUNTER FLASH PREFAB MECHANICAL CURB PER DETAIL 3/A-2.
  - BASE BID: INSTALL NEW 60mil, FULLY ADHERED THERMOPLASTIC OLIFIN (TPO) ROOFING SYSTEM OVER 1/2" RECOVERY BOARD SECURED TO EXISTING WOOD DECK IN ACCORDANCE W/ SPECIFICATIONS AND ROOFING MFG. STANDARDS AND REQUIREMENTS. BID OPTION 1: INSTALL NEW SILICONE ROOF COATING SYSTEM OVER EXISTING SINGLE PLY ROOFING SYSTEM IN ACCORDANCE WITH COATING MFG. STANDARDS AND REQUIREMENTS.
  - INSTALL NEW GRAVEL STOP PER FLASHING DETAIL 5/A-2.
- SD → NEW CRICKETS SLOPE @ 1/2" PER FOOT. SEE DETAIL 6/A-2.
- ESD → NEW ROOFING SYSTEM TO FOLLOW EXISTING ROOF SLOPE.



**ROOF + STRUCTURE REMOVAL DETAIL**  
 1 A-1 NTS

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DATE	X - X - X
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CHK. BY	
REVISIONS	

ROOF DEMO. + ROOF PLANS, DETAILS + NOTES  
 FOR TULAROSA BASIN HISTORICAL SOCIETY

PHASE 2 RE-ROOFING TO THE PLAZA MUSEUM  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO, NEW MEXICO

**DIVISION-6 CARPENTRY**

**SECTION 6.1 GENERAL**  
 6.1.1 The "General Requirements" of these specifications are hereby made a part of this Division.  
**SECTION 6.2 ROUGH CARPENTRY**  
 6.2.1 **SCOPE**  
 A. Includes all wood framing and roof deck Infill required in the reroofing of this building.  
 B. Furnished and installed as part of this Section:  
 1. All fasteners for connecting wood to wood.  
 C. Work in connection with others:  
 1. Frame duct openings through wood partitions, provide curbs, platforms and openings for all roof mounted equipment, ventilation and exhaust systems.  
 \* K.C. Metals and USP Lumber Connectors can be used in lieu of Simpson Products, but only if IBC or BOCA approved and of equal load values to the Simpson Products specified on drawings.  
 6.2.3 **FRAMING MATERIALS**  
 A. **GENERAL**  
 1. All Lumber shall be grade stamped by "Western Wood Products Association" certified by the Board of Review of the American Lumber Standard Committee and manufactured in accordance with Product Standard 20.70, as published by the United States Department of Commerce.  
 2. All lumber shall not have a moisture content which exceeds 19% and shall indicate "S.Dry" on the grade stamp. Any Southern Pine material shall have a moisture content of 15%, kiln dried and shall be so indicated on the grade stamp.  
 B. **ROOF DECKING:** All Sheathing shall be APA rated Structural Wood Panels, exterior type. Structural Wood Panels may either be Plywood conforming to U.S. Product Standard PS-1-95 or Oriented Strand Board conforming to U.S. Product Standard PS-2-92. Panels shall be the size and thickness required for the Infill of existing roof deck. Each panel shall be identified with the appropriate grade trademark of the American Plywood Association.  
 6.2.4 **MISCELLANEOUS**  
 A. **Additional Blocking:** Provide solid backing for new wood roof deck Infill.  
 6.2.5 **WORKMANSHIP**  
 A. Layout accurately, plumb and level, all work.  
 B. Construct Framing with joints true and tight and well fastened with members assembled according to best practice.  
 C. Adequately anchor installed work.  
 D. All framing shall be of first class quality and workmanship.

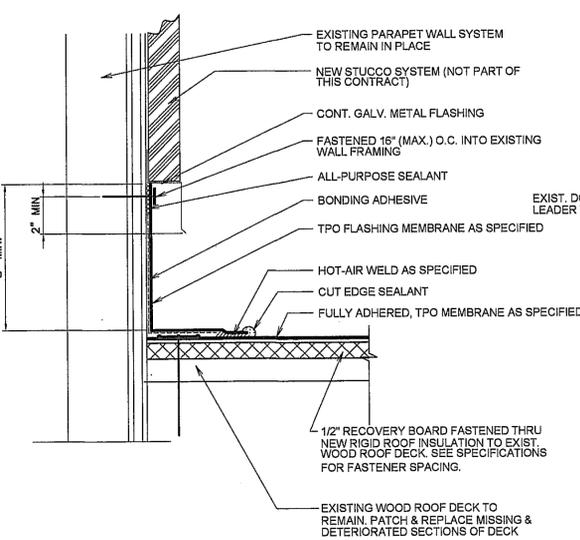
**DIVISION 7 MOISTURE PROTECTION**  
**SECTION 7.1 GENERAL**  
 7.1.1 The "General Requirements" of these specifications are hereby made a part of this Division.  
**SECTION 7.2 ROOFING**  
 7.2.1 **SCOPE**  
 A. Includes all materials, labor and accessories to complete the work specified on drawings.  
 B. Related items installed under other section or Contracts.  
 1. Sheet metal  
 2. Mechanical, Electrical and Plumbing roof Jacks.  
 C. Pre-Installation Conference: Conduct conference at Project site. Review methods and procedures related to roofing system including, but not limited to, the following:  
 1. Meet with Owner, Architect, Designer's insurer if applicable, testing and inspecting agency representative, roofing installer, roofing system manufacturer's representative if required by manufacturer, deck installer, and installers whose work interfaces with or affects roofing including installers of roof accessories and roof-mounted equipment.  
 2. Review methods and procedures related to roofing installation, including manufacturer's written instructions.  
 3. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, and facilities needed to make progress and avoid delays.  
 4. Examine deck substrate conditions and finishes for compliance with requirements, including flatness and fastening.  
 5. Review structural loading limitations of roof deck during and after roofing.  
 6. Review base flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect roofing system.  
 7. Review governing regulations and requirements for insurance and certificates.  
 8. Review temporary protection requirements for roofing system during and after installation.  
 9. Review roof observation and repair procedures after roofing installation.  
 10. The Roofing Contractor shall immediately notify the Owner in writing of any defective work by others, that might prevent him from properly performing his work in a first-class workmanlike manner in accordance with this specification. He shall not proceed with any work until such defects are remedied and the work approved by the Owner.  
 D. **Guarantee**  
 1. **Installer's Guarantee:** Contractor shall provide to the Owner a two (2) year written guarantee for all roofing against defective workmanship and materials including all components of roofing system such as roofing membrane, base flashing, roof insulation, fasteners, cover boards, substrate boards, roof pavers, and walkway products, and shall, upon notification, immediately correct any and all defects that may occur. - Unless noted otherwise below.  
 2. **Manufacturer's Guarantee:** For the flat roof sections, contractor shall provide to the Owner a twenty (20) year written manufacturer's system guarantee for all roofing against defective workmanship and materials including all components of roofing system such as roofing membrane, base flashing, roof insulation, fasteners, cover boards, and walkway products. Guarantee shall have No Dollar Limit (NDL).  
 7.2.2 **MATERIALS AND INSTALLATION**  
 A. All materials must be tested by the roofing manufacturer, marketed as their product, install roof system according to manufacturer and NRCA guidelines complying with all requirements of the manufacturer NDL guarantee. This includes curbs, walls, and all penetrations.  
 1. **THERMOPLASTIC MEMBRANE ROOFING (TPD) SYSTEM BASE BID**  
 a. Thermoplastic polyolefin (TPO) elastomeric, heat weldable sheet membrane composed of polyester scrim fully encapsulated between two layers of ethylene propylene, with a minimum 60 mil thickness. All material will be supplied in original packages bearing the manufacturer's label. All materials shall be from one of the following manufacturers and shall conform completely with the manufacturer's specifications. Carlisle SynTec Systems. GAF Materials Corporation, Ever-Guard 60 mil TPO. Versico Roofing System, "Versiwater" 60 mil TPO. Firestone Building Products, "UltraPly" 60 mil TPO.  
 b. 1/2" Dens-Deck Roof Board by G-P Gypsum Corp. or approved equal.  
 c. Bonding Adhesive shall be manufacturer's standard bonding adhesive.  
 d. Cut Edge Sealant shall be provided for use at all edges and where scrim reinforcement has been exposed.  
 e. Seam Cleaner shall be used at all dirty or contaminated seams prior to heat welding.  
 f. Mechanical Fasteners shall be factory-coated screws and plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening recovery board to substrate and shall be provided by the membrane manufacturer and shall be covered by the full system warranty.  
 g. Miscellaneous Accessories shall be provided as required by the manufacturer for systems requirements to include but are not limited to: term bars, pipe flashings, sealants and other accessories.  
 h. Flashings: Provide .055-in. thick unreinforced Ethylene Propylene based TPO membrane shall be supplied for field-fabricated vent stacks, pipes, drains and corners.  
**SECTION 7.3 SHEET METAL**  
 7.3.1 **SCOPE**  
 A. Includes all sheet metal formed sections, flashings, counterflashing, pitch pockets, diverters, gutter, downspouts, gravel guards, special screens, and attic vents.  
 B. Does not include work covered in sections on plastering, plumbing, air conditioning, roofing and miscellaneous metal.

7.3.2 **MATERIALS**  
 A. Flashing: ASTM A\_93, 24 ga. standard zinc coated steel.  
 B. Solder: ASTM B\_32, 60 ot.  
 C. Downspouts: ASTM A\_93, 24 ga. standard zinc coated steel (if shown on plans).  
 7.3.3 **INSTALLATION**  
 A. **Flashing**  
 1. All joints in flashings, coping metal, roof platforms, and other metal work, shall be installed using a synthetic Elastomer base caulking. All joints shall be set in caulking, pop-riveted, and caulking then applied to exterior of joint. No other type sealants are permitted.  
 2. Hem all exposed edges of metal.  
 3. Flash all joints necessary for a watertight job whether specifically detailed or not.  
 4. All flashing to have one layer of 15 lb. asphalt felt under.  
 5. All work shall be done in accordance with the "Sheet Metal and Air Conditioning Contractors National Association" standards.  
 B. **Downspouts**  
 1. All joints shall be soldered, close for a fully watertight job.  
 2. Hem all exposed edges of metal.  
 3. Downspouts shall conform to the details as shown on the drawings.  
 4. All work shall be done in accordance with the "Sheet Metal and Air Conditioning Contractors National Association" standards.

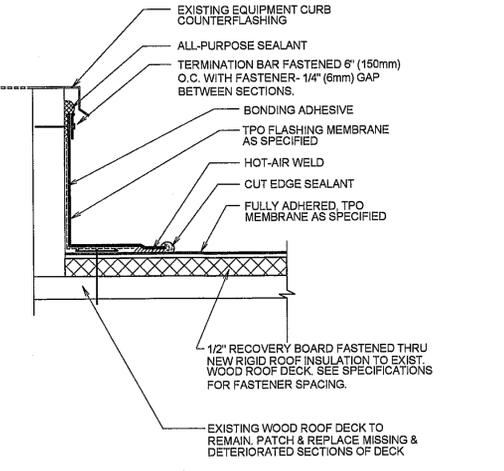
**SECTION 7.4 INSULATION**  
 7.4.2 **MATERIALS AND INSULATION**  
 1. Amoco Foam Products - Amofam CM  
 A. Rigid Roofing Insulation: 2 layers of polyisocyanurate board insulation run perpendicular to minimize joint alignment. Insulation Thermal Value (R), minimum: R-30; provide insulation of thickness required for two layer application.

**SECTION 7.5 CAULKING AND SEALANT**  
 7.5.1 **SCOPE**  
 Caulk all joints between masonry and wood, masonry and break metal, and all other dissimilar materials.  
 7.5.2 **MATERIALS**  
 A. Polyurethanes:  
 1. Synthacalk GC-24 Polysulfide  
 B. Silicone (Building Sealant):  
 1. Dow Corning: Silicone Sealer #795  
 2. General Electric: Silpruf #SCS2000 Weatherproof Sealant  
 C. Silicone (Interior Sealant):  
 7.5.3 **APPLICATION**  
 A. Prime coat all surfaces designated by the manufacturer.  
 B. All caulking and sealants to be the proper material for the situation as determined by manufacturer's suggest applications. Mixing and application of caulking compounds shall be in accordance with manufacturer's current specifications.  
 C. Joints and spaces deeper than 1/4 inch shall be filled solidly with oakum to within 1/4 inch of surface before caulking.  
 D. Apply caulking at joints around wood and metal frames attached to plaster or masonry finished exterior walls, joints at exterior door sills and metal thresholds, and where not specifically excluded, necessary to obtain complete weather-tight construction.  
 7.5.4 **FINISH**  
 A. Finish all caulked joints with the proper tool and remove caulking compound from all adjacent surfaces.  
 B. Exposed caulking shall be selected to match colors of adjacent finishes.  
 NOTE: Caulking bead shall be installed with a small uniform bead, smoothly finished, and acceptable to the Owner. Any work unacceptable shall be removed and redone to an acceptable condition.

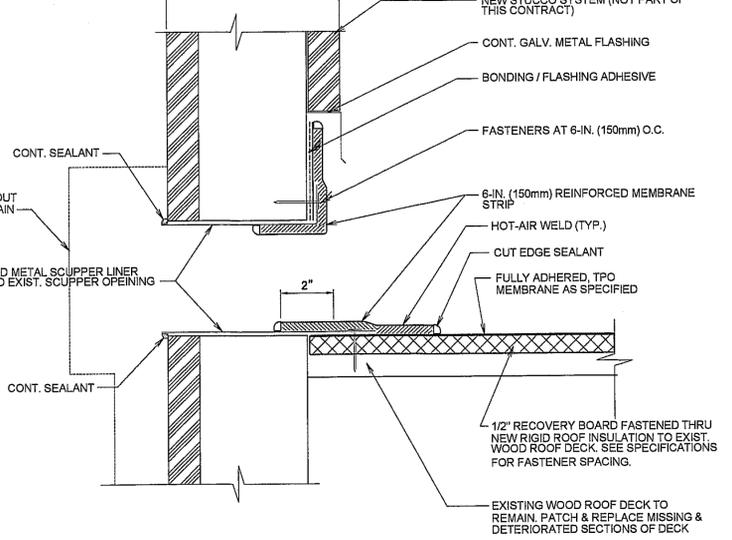
**2. ROOF COATING SYSTEM (BID OPTION 1)**  
**MATERIAL:**  
 a. Silicone coating system with minimum 25 mils DFT thickness equal to KM COATINGS MFG, INC. KM-P38220 SERIES.  
**INSTALLATION:**  
 a. Inspect entire roof area for splits, voids, loose flashings and any deterioration. Inspect all drain assemblies for damaged or missing components. Replace as needed.  
 b. Apply KM Coatings Cleaning Concentrate and power wash roof surface to insure proper adherence. Allow 24 hours dry time.  
 c. For repair areas, install one layer of Tie Tex polyester fabric in KM Coatings Primebase to any splits, penetrations, voids or lap joints in roof surface. Repairs to be three-coursed by applying KM Coatings Primebase at 1 1/2 gallons per 100 sq. ft. in two passes, both under and over poly mesh.  
 d. Use KM Coatings Acrylicalk as needed during repair work.  
 e. Apply KM Coating Primebase at 1 1/2 gallons per 100 sq. ft. over entire roof surface. Back roll basecoat immediately after spray application.  
 f. Apply KM Coatings Xtreme at a rate of 1 1/4 gallons per 100 sq. ft.  
 g. Apply a second pass of Xtreme Finalcoat at 1 1/4 gallons per 100 sq. ft. in a perpendicular direction to previous coat.  
 h. The total minimum of topcoat material shall be 25 mils (DFT) in any location of the roof surface.  
 i. Contractor to furnish a two (2) year warranty on all completed work.  
 j. KM Coatings to provide a ten (10) year material warranty upon assessment and approval of all workmanship.



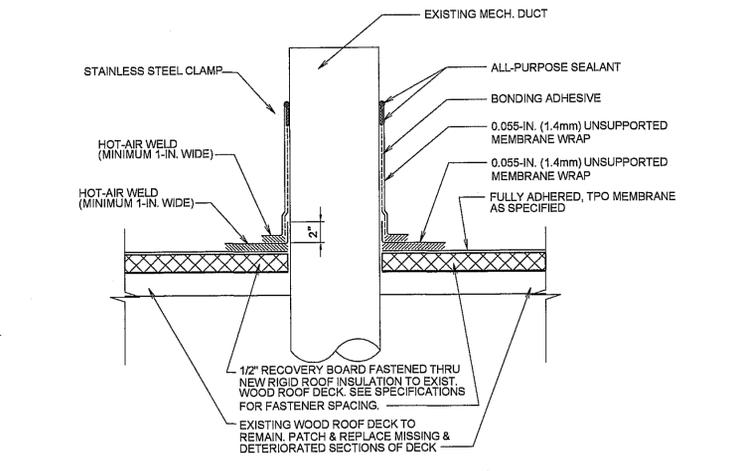
**1 TYPICAL PARAPET FLASHING**  
 A-2 NTS



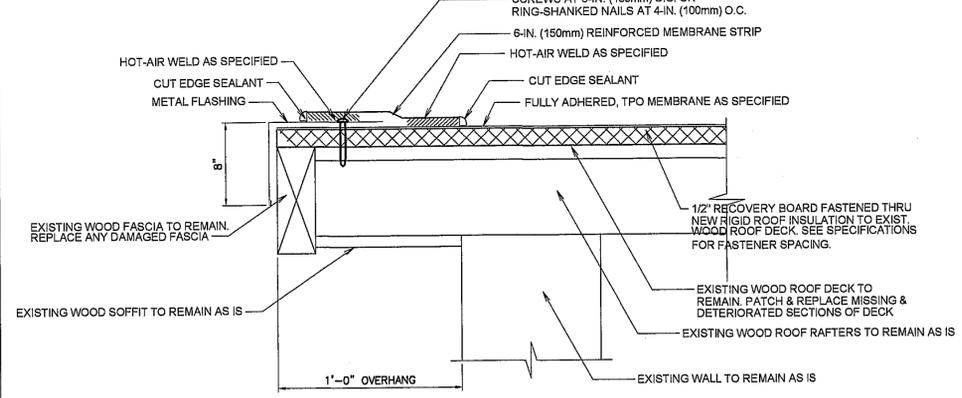
**3 TYP. MECHANICAL EQUIP. CURB FLASHING**  
 A-2 NTS



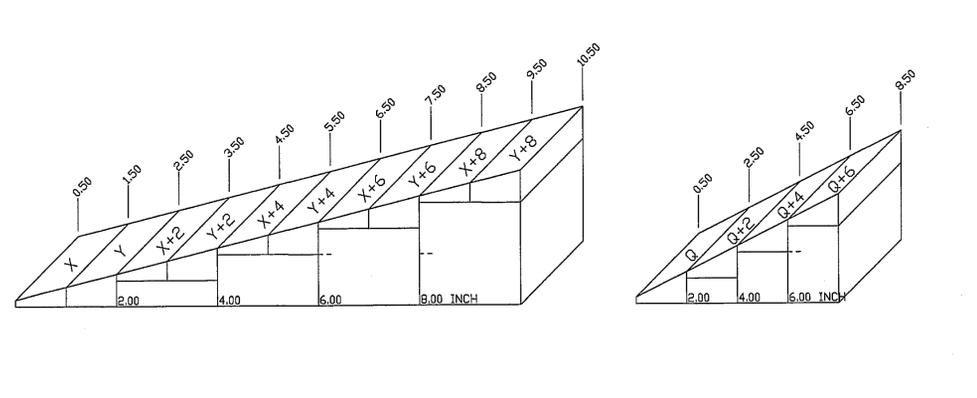
**2 TYPICAL PARAPET SCUPPER FLASHING**  
 A-2 NTS



**4 TYPICAL PLUMBING PIPE FLASHING**  
 A-2 NTS



**5 TYPICAL METAL GRAVEL STOP DETAIL**  
 A-2 NTS



**6 TYPICAL TAPERED INSULATION PATTERN AT CRICKETS**  
 A-2 NTS

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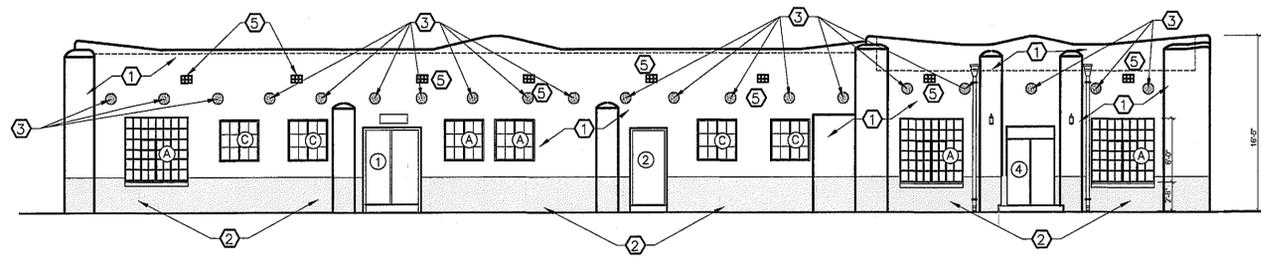
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REVISIONS	

SPECIFICATIONS + DETAILS

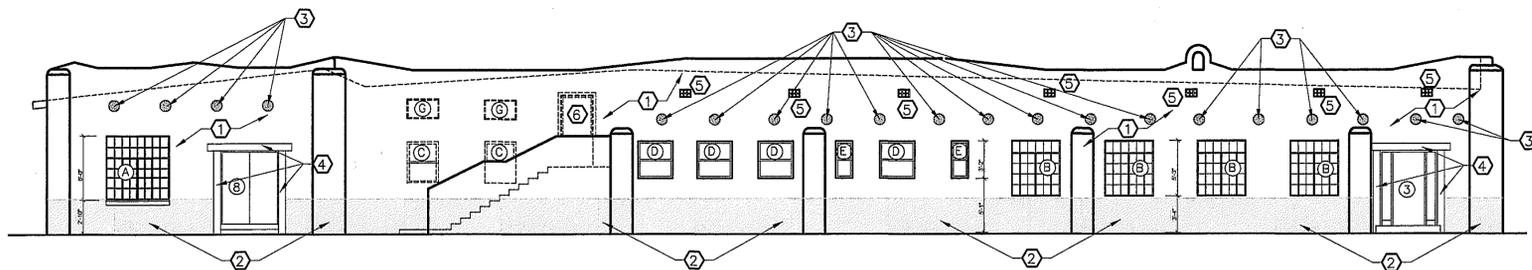
FOR TULAROSA BASIN HISTORICAL SOCIETY

PHASE 2 RE-ROOFING TO THE PLAZA MUSEUM 1004 N. WHITE SANDS BLVD. ALAMOGORDO, NEW MEXICO

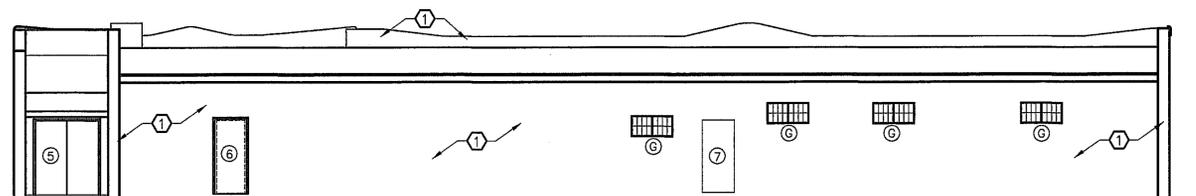




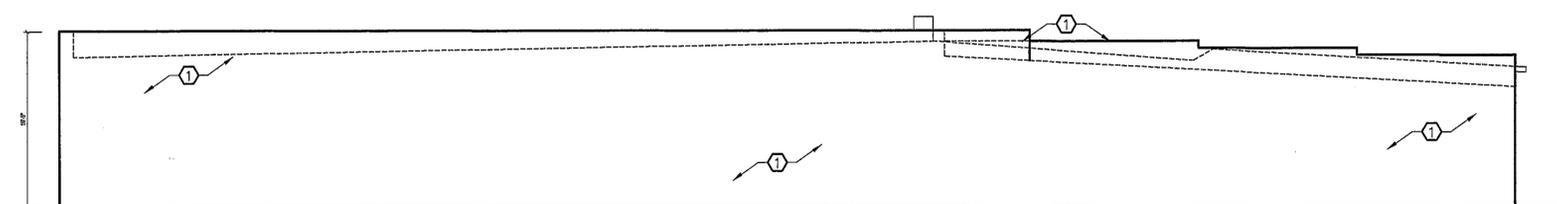
**SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



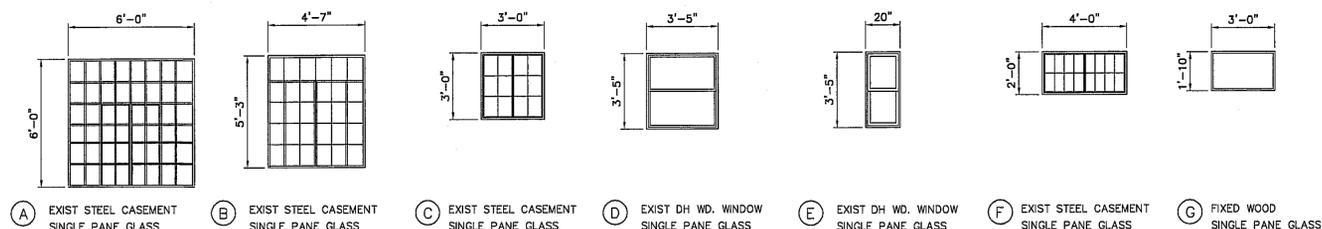
**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**EAST ELEVATION**  
SCALE: 1/8" = 1'-0"

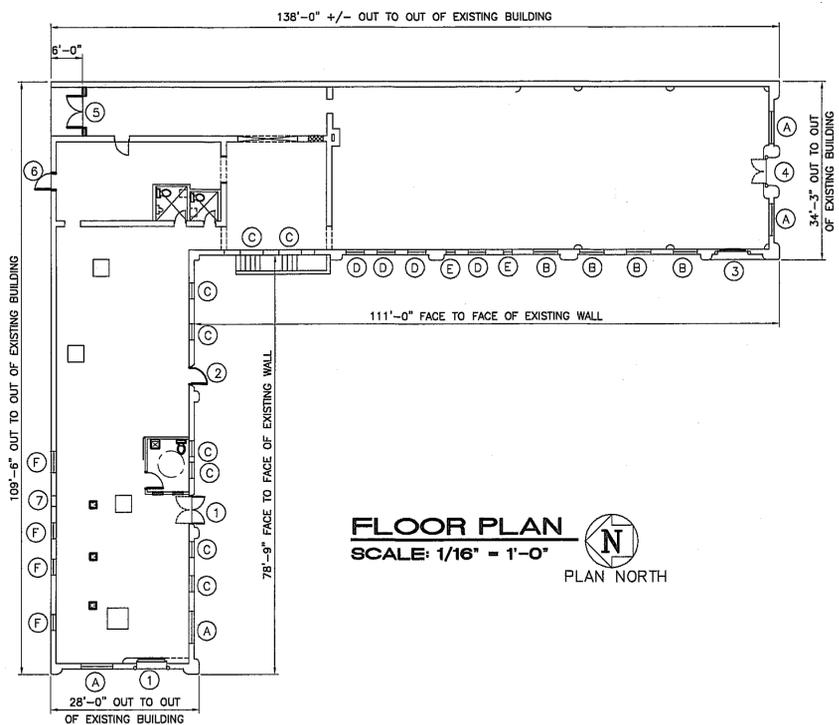


**WINDOW SCHEDULE**

**WINDOW NOTES:**

- STRIP ALL EXISTING STEEL WINDOW FRAMES (INSIDE & OUTSIDE). REPLACE BROKEN GLASS, PRIME & REPAINT COLOR AS SELECTED BY OWNER.
- REMOVE EXISTING WOOD WINDOWS AND REPLACE WITH NEW TO MATCH EXISTING SIZE & TYPE. PRIME & PAINT COLOR AS SELECTED BY OWNER.
- INSTALL SEALANT AROUND INTERIOR AND EXTERIOR PERIMETER OF ALL WINDOWS TO CREATE A WEATHERTIGHT & WATERTIGHT SEAL.

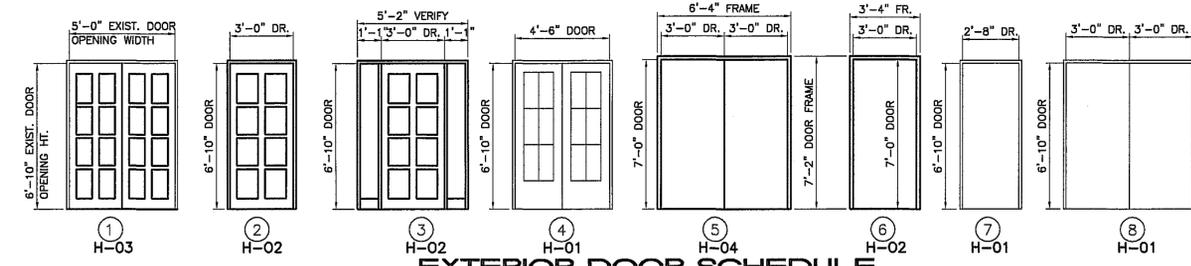
KEYED NOTES	
1.	PATCH AND REPAIR EXISTING STUCCO AND PAINT AS SPECIFIED. BASE COLOR AS SELECTED BY OWNER.
2.	PATCH AND REPAIR EXISTING STUCCO AND PAINT AS SPECIFIED. 3'-4" HIGH ACCENT COLOR BAND AS SELECTED BY OWNER.
3.	EXISTING METAL VIGAS TO BE PRIMED & REPAINTED AS SPECIFIED. RESEAL JOINT BETWEEN VIGA AND STUCCO WALL.
4.	SAND FILL SEAL, PRIME AND PAINT EXISTING 6" DIA. QUARTER ROUND WOOD TRIM AT EXISTING DOOR OPENINGS.
5.	EXISTING MASONRY ATTIC VENTS TO BE REPAINTED TO MATCH STUCCO BASE COLOR AND RESCREENED.
6.	EXISTING 3'x6'-8" STEEL SCREEN DOOR TO BE PRIMED & PAINTED, COLOR AS SELECTED BY OWNER. EXISTING WOOD DOOR BEHIND SCREEN TO PRIMED & PAINTED FLAT BLACK.



**FLOOR PLAN**  
SCALE: 1/16" = 1'-0"  
PLAN NORTH

DOOR HARDWARE SCHEDULE	
<b>H-01:</b>	EXISTING TO REMAIN.
<b>H-02:</b>	3 EA, 4-1/2"x4-1/2" BB, NRP, BRASS HINGES 1 EA, AUTOMATIC DOOR CLOSERS 1 EA, PANIC HARDWARE, W/ LEVER HANDLE ON EXTERIOR 1 EA, ADA ALUMINUM THRESHOLD 1 EA, DOOR SWEEPS 1 SET, HEAD & JAMB WEATHERSTRIP 6 EA, SILENCERS
<b>H-03:</b>	6 EA, 4-1/2"x4-1/2" BB, NRP, BRASS HINGES 2 EA, AUTOMATIC DOOR CLOSERS W/ HOLD OPEN 2 EA, PANIC HARDWARE, W/ LEVER HANDLE ON EXTERIOR 1 EA, ADA ALUMINUM THRESHOLD 2 EA, DOOR SWEEPS 1 SET, HEAD & JAMB WEATHERSTRIP 12 EA, SILENCERS
<b>H-04:</b>	6 EA, 4-1/2"x4-1/2" BB, NRP, BRASS HINGES 2 EA, AUTOMATIC DOOR CLOSERS W/ HOLD OPEN 1 EA, ENTRY FUNCTION LATCH SET, W/ LEVER HANDLES 1 EA, DUMMY FUNCTION LATCHSET, W/ LEVER HANDLES 1 EA, REMOVABLE MULLION 1 EA, ADA ALUMINUM THRESHOLD 2 EA, DOOR SWEEPS 1 SET, HEAD & JAMB WEATHERSTRIP 12 EA, SILENCERS

NOTE: ALL HARDWARE TO BE COMMERCIAL GRADE 1. FINISH AND COLOR AS SELECTED BY OWNER.



**EXTERIOR DOOR SCHEDULE**

- DOOR 1: INSTALL NEW SOLID CORE, 8-PANEL, EXTERIOR GRADE WOOD DOOR IN EXISTING WOOD FRAME. REVERSE SWING SO DOORS OPEN OUT. PRIME & PAINT ALL EXPOSED FACES, COLOR AS SELECTED BY OWNER.
- DOOR 2: REMOVE EXISTING WOOD DOOR AND FRAME. ENLARGE OPENING FOR NEW SOLID CORE, 8-PANEL, EXTERIOR GRADE WOOD DOOR IN NEW EXTERIOR GRADE WOOD FRAME. PRIME & PAINT ALL EXPOSED FACES, COLOR AS SELECTED BY OWNER.
- DOOR 3: REMOVE EXISTING WOOD DOOR AND FRAME. INSTALL NEW 8-PANEL, EXTERIOR GRADE WOOD DOOR IN EXTERIOR GRADE WOOD FRAME TO MATCH EXISTING OPENING HEIGHT & WIDTH. INSTALL DOUBLE INSULATED GLASS SIDE-LITES IN WOOD FRAME. PRIME AND PAINT ALL EXPOSED FACES, COLOR AS SELECTED BY OWNER.
- DOOR 4: EXISTING WOOD DOORS AND FRAME TO REMAIN AS IS.
- DOOR 5: INSTALL NEW 1-3/4" THICK, FLUSH, INSULATED, HOLLOW METAL DOORS IN HOLLOW METAL FRAME. PRIME & PAINT COLOR AS SELECTED BY OWNER.
- DOOR 6: REMOVE EXISTING METAL DOOR & WOOD FRAME. ENLARGE OPENING AS REQUIRED FOR INSTALLATION ON NEW 1-3/4" THICK, FLUSH, INSULATED HOLLOW METAL DOOR IN HOLLOW METAL FRAME. PRIME & PAINT COLOR AS SELECTED BY OWNER.
- DOOR 7: EXISTING WOOD DOOR TO REMAIN AS IS.
- DOOR 8: EXISTING WOOD DOOR TO REMAIN AS IS.

VISION ARCHITECTURE GROUP, LLC  
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DATE: x-x-x  
JOB #  
DWG. BY  
CHK. BY  
REVISIONS

EXTERIOR ELEVATIONS, DETAILS + NOTES  
FOR TULAROSA BASIN HISTORICAL SOCIETY

PHASE 3 EXTERIOR IMPROVEMENTS TO THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO

SECTION 09210 LATH AND PLASTER ( STUCCO)

PART 1 GENERAL

DESCRIPTION OF WORK:

Types of work includes:  
 Portland cement plastering (Glass Reinforced Stucco) for patching and repair.  
 Synthetic finish for final exterior finish coat.

QUALITY ASSURANCE:

Portland Cement & Gypsum Plastering Standards: ASTM C 926.81  
 Allowable Tolerances: For flat surfaces, do not exceed 1/4" in 6' for bow or warp of surface, and for plumb or level.  
 SUBMITTALS:  
 Product Data: Submit 2 copies of manufacturer's product specifications and installation instructions for each material, including other data as may be required to show compliance with these specifications. Indicate by a copy of the transmittal that copies of each installation instruction have been distributed to the installer.

JOB CONDITIONS:

Environmental Conditions: Comply with referenced standards.  
 Protect contiguous work from soiling, spattering, moisture deterioration and other harmful effects which might result from plastering.

PART 2 PRODUCTS

LATHING AND ACCESSORY MATERIALS:  
 General:  
 Metals and Finishes: Where not otherwise indicated, provide manufacturer's standard galvanized finish on steel products except as follows:  
 Exterior Plastering Accessories: Provide zinc alloy accessories for exterior work.  
 Metal Lathing Materials:  
 General: Where not otherwise indicated, comply with "Lathing and Plastering Data Guide and Reference Specifications" by the Southern California Plastering Institute, Inc.  
 Product Standards: Comply with FS Q0917.101.  
 Metal Reinforcement: Riblath, 3/8" galvanized with herringbone mesh pattern with 3/8" v-shaped ribs running lengthwise of the sheet at 4-1/2" intervals, with inverted intermediate 3/16" ribs. Weight 3.4 lbs per sq. yd. equal to U.S.G. 3/8" Riblath.  
 Fasteners: Galvanized steel, of type and length suitable for adequate penetration of the substrate.  
 Metal Plastering Accessories and Reinforcement:  
 General Coordinate depth of accessory with thickness of and number of coats of plaster to be applied.  
 Square/Edged Casing Beads: Manufacturer's standard with expanded or short length to suit application.  
 Corner Reinforcement: Special stucco, type woven galvanized wire corner reinforcing strips.

PORTLAND CEMENT PLASTER MATERIALS:

General: Provide Power Wall Glass Reinforced Stucco for patching only containing Type 1 cement and glass reinforcing requiring only the addition of water.

Optional Stucco for Patching:

Base?Coat Cement: Portland cement, ASTM C 1507.83, Type I or IA.  
 Base?Coat Lime: Special finishing hydrated lime, Type S.  
 Base?Coat Aggregate: Sand.  
 Base?Coat Fiber: Fiber, mix with plaster for scratch coat on metal lath or reinforcement.

Finish?Coat: Factory mix colored synthetic suitable for the addition only of water. Color as selected by the Architect.

Approved Manufacturer's:

dryvit  
 Sio  
 Texture: Sand?float finish.

CLEANING MATERIALS:

Acid Etch Solution: Muriatic Acid, Mixed one part acid to 6 to 10 parts water.

MISCELLANEOUS MATERIALS:

PLASTER MIXES:  
 Mix for Exterior Portland Cement Plaster: include bonding additive, in accordance with manufacturer's instructions.

PART 3 EXECUTION

INSTALLATION OF PLASTER (STUCCO):

Wall Preparation:  
 Cutting and Patching: At location on the exterior wall shown to be patched, remove existing cracked stucco to sound existing surface. As the existing stucco walls have two to three stucco layers, only remove layers that are cracked and damaged. If all existing stucco is removed to expose existing adobe wall, install new expanded metal lath using 20 penny nails with washers to secure the mesh over the area exposed. Apply a base coat of stucco approximately 1 inch thick and wet-cure for 24 hours. Let this base coat dry until it is dry enough to band expanded foam insulation or an additional base and second coat to flush out the surface to the existing stucco surface. Provide a fibreglass mesh over the joint with the existing stucco embedded in the second coat.  
 Cut, patch, point?up and repair plaster as necessary to accommodate other work and to restore cracks, dents and imperfections. Repair or replace work to eliminate blisters, buckles, excessive cracking and chiseled cracking, dry out, efflorescence, sweat?outs and similar defects, including areas of the work which do not comply with specified tolerances, and where bonding to the substrate has failed.  
 Existing Paint Removal: Water blast the existing wall to remove the existing paint sufficiently to allow a new synthetic finish to be installed. Allow the wall to dry sufficiently before application of the finish coat.  
 Mechanically mix plaster materials at the project site; do not hand mix except where small amounts are needed, using less than one bag of plaster.  
 Sequence plaster installation properly with the installation and protection of other work, so that neither will be damaged by the installation of the other.  
 Apply thicknesses and number of coats of plaster as indicated; or as required by referenced standards.  
 Provide 2?coat plaster installation in all patches.  
 Texture of Plaster Finishes: Except as otherwise indicated, apply finish?coat as follows:  
 Synthetic Plaster: Sand?float finish or as selected by owner.  
 Cure portland cement plaster by maintaining each coat in a moist condition for 2 days following application; keep enclosed and fog?spray (after initial set) as required to prevent dry?out.  
 Responsibility: This Contractor shall take full responsibility in seeing that the work of other trades is installed and is in complete working order before work is covered by the plasterers.  
 Guarantee: All materials and workmanship furnished by the Plaster Contractor shall be guaranteed for a period of one year from acceptance date and on written demand by the Architect within this period, any defective materials or workmanship shall be replaced or corrected by the Plaster Contractor at his expense.

CLEANING AND PROTECTION:

Promptly remove plaster from door frames, windows and other surfaces which are not to be plastered. Repair surfaces which have been stained, marred or otherwise damaged during the plastering work. When plastering work is completed, remove unused materials, containers and equipment and clean remove unused materials, containers and equipment and clean plaster debris.  
 Protect plaster from deterioration and damage during the remainder of the construction period.

END OF SECTION 09200 LATH & PLASTER (STUCCO)

SECTION 09000 PAINTING

PART 1 GENERAL

DESCRIPTION OF WORK: Extent of painting work is shown on drawings and schedules, and as herein specified.

The work includes painting and finishing of interior and exterior exposed items and surfaces throughout project, except as otherwise indicated.  
 Surface preparation, priming and coats of paint specified are in addition to shop?priming and surface treatment specified under other sections of work.  
 "Paint" as used herein means all coating systems materials including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate or finish coats.  
 Point of exposed surfaces whether or not type or color are designated in "schedules", except where natural finish of material is specifically noted as a surface not to be painted. Where items or surfaces are not specifically mentioned, paint same as adjacent similar materials or areas. If color or finish is not designated, Architect or his duly authorized representative will select these from standard colors available for materials systems specified.  
 Following categories of work are not included as part of field?applied finish work, or are included in other sections of these specifications.  
 Shop Priming: Unless otherwise specified, shop priming of ferrous metal items is included under various sections for structural steel, miscellaneous metal, hollow metal work and similar items. Also, for fabricated components such as architectural woodwork, wood casework and shop?fabricated or factory?built mechanical and electrical equipment or accessories.  
 Mechanical and Electrical Work: Painting of mechanical and electrical work is specified in Division 15 and 16, respectively.  
 Prefinished Items: Unless otherwise indicated, do not include painting when factory?finishing or installer finishing is specified for such items as (but not limited to) metal toilet enclosures, prefabricated partition systems, cosmetic materials, architectural woodwork and casework, finished mechanical and electrical equipment including light fixtures, switchgear and distribution cabinets, elevator entrance frames, doors and equipment.  
 Concealed Surfaces: Unless otherwise indicated, painting is not required on surfaces such as walls or ceilings in concealed areas and generally inaccessible areas, foundation spaces, furred areas, utility tunnels, pipe spaces, duct shafts and elevator shafts.  
 Finished Metal Surfaces: Metal surfaces of anodized aluminum, stainless steel chromium, plate, copper, bronze and similar finished materials will not require finish painting, unless otherwise indicated.  
 Operating Parts and Labels: Moving parts of operating units, mechanical and electrical parts, such as valve and damper operators, linkages, linkages, sensing devices, motor and fan shafts will not require finish painting, unless otherwise indicated.  
 Do not paint over any code?required labels, such as Underwriters' Laboratories and Factory Mutual, or any equipment identifications, performance rating, name, or nomenclature plates.

SUBMITTALS:

Product Data: Submit Manufacturer's technical information including paint label analysis and application instructions for each material proposed for use.  
 Samples: Submit samples for Architect or his duly authorized representative's review of color and texture only. Provide a listing of material and application for each coat of each finish sample.

DELIVERY AND STORAGE: Deliver materials to job site in original, new and unopened packages and containers bearing manufacturer's name and label, and following information:

Name or title of material.  
 Federal Specification number, if applicable.  
 Manufacturer's stock number and date of manufacture.  
 Manufacturer's name.  
 Contents by volume, for major pigment and vehicle.  
 Constituents.  
 Thinning instructions.  
 Application instructions.  
 Color name and number.

JOB CONDITIONS: Apply water?base paints only when temperature of surfaces to be painted and surrounding air temperatures are between 50 deg. F. (10 deg. C) and 90 deg. F. (32 deg. C), unless otherwise permitted by paint manufacturer's printed instructions.

Apply solvent?thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between 45 deg. F. (7 deg. C) and 95 deg. F. (35 deg. C), unless otherwise permitted by paint manufacturer's printed instructions.

Do not apply paint in snow, rain, fog or mist; or when relative humidity exceeds 85%; or to damp or wet surfaces; unless otherwise permitted by paint manufacturer's printed instructions. Painting may be continued during inclement weather if areas and surfaces to be painted are enclosed and heated within temperature limits specified by paint manufacturer during application and drying periods.

PART 2 PRODUCTS

Colors and Finishes: Paint colors, surface treatments and finishes, as indicated in "schedules" of the contract documents, or if not indicated as selected by Architect from Manufacturer's Standards.

Point Coordination: Provide finish coats which are compatible with prime paints used. Review other sections of these specifications in which prime paints are to be provided to ensure compatibility of total coating systems; for various substrates. Upon request from other trades, furnish information on characteristics of finish materials proposed for use, to ensure compatible prime coats are used. Provide barrier coats over incompatible primers or remove and reprime as required.

Colors: Contractor shall allow for minimum of 2 colors of interior painting unless shown otherwise in schedule.

MATERIAL QUALITY:

Provide best quality grade of various types of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying manufacturer's identification on a standard, best?grade product will not be acceptable.

Proprietary names used to designate colors or materials are not intended to imply that products of named manufacturers are required to exclusion of equivalent products of other manufacturers.

Federal Specifications establish minimum acceptable quality for paint materials. Provide written certification from paint manufacturer that materials provided meet or exceed these minimums.

Manufacturer's products which comply with coating qualitative requirements of applicable Federal Specifications, yet differ in quantitative substitutions, may be considered for use when acceptable to Architect. Furnish materials data and manufacturer's certificate of performance to Architect for any proposed substitutions.

Provide undercoat paint produced by same manufacturer as finish coats. Use only thinners approved by paint manufacturer, and use only within recommended limits.

EXTERIOR PAINT SYSTEMS: Provide following paint systems for various substrates, as indicated.

Ferrous Metal:

EP531st Coat ? Zinc?yellow iron oxide primer (TT7P157,Type II).  
 2nd Coat ? Semi?glass oilyd enamel (TT7E7529), Class A.  
 3rd Coat ? Semi?glass oilyd enamel (TT7E7529), Class A.  
 First coat not required on items delivered shop primed.  
 Zinc Coated Metal:

EP541st Coat ? Zinc dust?zinc oxide primer (TT7P2641).  
 2nd Coat ? High gloss oilyd enamel (TT7E7489), Class A.  
 3rd Coat ? High gloss oilyd enamel (TT7E7489), Class A.

Concrete, Stucco, and Concrete Masonry Units:

EP571 1st Coat ? Wellborn COVERCOAT (Tinted)  
 2nd Coat ? Wellborn COVERCOAT (Final Color)

INTERIOR PAINT SYSTEMS: Provide following paint systems for various substrates, as indicated. Last coat required on previously painted work.

Gypsum Drywall Systems:

IP511 1st Coat ? Latex Primer (TT7P2650)  
 2nd Coat ? Enamel Undercoat (TT7E7543)  
 3rd Coat ? Semi?Gloss Enamel (TT7E7509)  
 Not less than 2.5 mils dry film thickness

IP521st Coat ? Interior latex emulsion (TT7P229).  
 2nd Coat ? Interior enamel undercoat (TT7E7543).  
 3rd Coat ? Interior enamel, semi?gloss (TT7E7509).  
 Not less than 3.5 mils total dry film thickness.

Concrete & Stucco:

IP531st Coat ? Surface filler (TT7P1088).  
 2nd Coat ? Surface filler (TT7P1088).  
 3rd Coat ? Enamel undercoat (TT7E7543).  
 4th Coat ? Semi?glass oilyd enamel (TT7E7509).

Apply filler coat at a rate to ensure complete coverage with pores filled. Not less than 3.5 mils dry film thickness, excluding first coat.

IP574:1st Coat ? Latex primer (TT7P2650).  
 2nd Coat ? Alkyd enamel (TT7E7509).  
 3rd Coat ? Alkyd enamel (TT7E7509).  
 Not less than 2.5 mils dry film thickness.

Ferrous Metal:

IP575:1st Coat ? red lead primer (TT7P268).  
 2nd Coat ? Enamel undercoat (TT7E7543).  
 3rd Coat ? Semi-gloss enamel (TT7E7509).

First coat not required on items that are shop primed. Not less than 2.5 mils dry film thickness.

Zinc Coated Metal:

IP576:1st Coat ? Zinc dust?zinc oxide primer (TT7P2641).  
 2nd Coat ? enamel undercoat (TT7E7543).  
 3rd Coat ? Semi-gloss enamel (TT7E7509).

Not less than 2.5 mils dry film thickness.

Painted Woodwork and Hardboard:

IP597: 1st Coat ? Enamel undercoat (TT7E7543).  
 2nd Coat ? Gloss enamel (TT7E7506).  
 3rd Coat ? Gloss enamel (TT7E7506).

Stained Woodwork:

IP598:1st Coat ? Interior oil stain (TT5P711).  
 2nd Coat ? Bleached Shellac (TT5P300).  
 3rd Coat ? Rubbing Varnish (TTV788).  
 4th Coat ? Rubbing Varnish (TTV788).

Fill open grained wood with filler complying with TT7F7336 and wipe before first varnish coat.

Natural Finish Woodwork:

IP599:1st Coat ? Filler (TT7F7336).  
 2nd Coat ? Poly Finish  
 3rd Coat ? Poly Finish  
 Fill open grained wood with filler complying with TT7F7336 and wipe before finish coats.

PART 3 EXECUTION

INSPECTION: Starting of painting work will be construed as contractor's acceptance of surfaces and conditions within any particular area.

Do not paint over dirt, rust, scale, grease, moisture, scaled surfaces or conditions otherwise detrimental to formation of a durable paint film.

Obtain Architects approval of each coat before beginning subsequent coats.

SURFACE PREPARATION:

General: Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate conditions.

Remove hardware, hardware accessories, machined surfaces, plates, lighting fixtures and similar items in place and not to be finish?painted, or provide surface?applied protection prior to surface preparation and painting operations. Remove, if necessary, for complete painting of items and adjacent surfaces. Following completion of painting of each space or area, reinstall removed items.

Clean surfaces to be painted before applying paint or surface treatments. Remove oil and grease prior to mechanical cleaning. Program cleaning and painting so that contaminants from cleaning process will not fall onto wet, newly?pointed surfaces.

Cementitious Materials: Prepare cementitious surfaces of concrete, concrete block and cement plaster to be painted by removing efflorescence, chalk, dust, dirt, grease, oils and by roughening as required to remove glaze. Determine alkalinity and moisture content of surfaces to be painted by performing appropriate tests. If surfaces are found to be sufficiently alkaline to cause blistering and burning of finish paint, correct this condition before application of paint. Do not point over surfaces where moisture content exceeds that permitted in manufacturer's printed directions.

Wood: Clean wood surfaces to be painted of dirt, oil or other foreign substances with scrapers, mineral spirits and sandpaper, as required. Sandpaper smooth those finished surfaces exposed to view and dust off. Scrape and clean small, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer, before application of priming coat. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood?filler. Sandpaper smooth when dried.

Prime stain or seal wood required to be job?pointed immediately upon delivery to job. Prime edges, ends, faces, undersides and backside of such wood, including cabinets, counters, cases, paneling.

When transparent finish is required, use spar varnish for backpriming.

Backprime paneling on interior partitions only where masonry, plaster or other wet wall construction occurs on backside.

Seal tops, bottoms and cut?outs of unpainted wood doors with a heavy coat of varnish or equivalent sealer immediately upon delivery to job.

Ferrous Metals: Clean ferrous surfaces, which are not galvanized or shop?coated, of oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning.

Galvanized Surfaces: Clean free of oil and surface contaminants with non?petroleum based solvent.

MATERIALS PREPARATION: Mix and prepare painting materials in accordance with manufacturer's direction.

Store materials not in actual use in tightly covered containers. Maintain containers used in storage, mixing and application of paint in a clean condition, free of foreign materials and residue.

Stir materials before application to produce a mixture of uniform density and stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.

APPLICATION:

General: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

Apply additional coats when undercoats, alpha or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to areas that surfaces, including edges, corners, crevices, welds and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.

Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently fixed equipment or furniture with prime coat only before final installation of equipment.

Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, nonopaque black paint.

Paint back sides of access panels and removable or hinged covers to match exposed surfaces.

Finish exterior doors on tops, bottoms and side edges same as exterior faces, unless otherwise indicated.

Sand lightly between each succeeding enamel or varnish coat.

Only first coat (primer) on metal surfaces which have been shop?primed and touch?up painted, unless otherwise indicated.

Scheduling Painting: Apply first?coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration. The oil coats exceed first coat. Obtain Architect's approval of each coat before applying next coat.

Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.

Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer.

Stipple Grained Finishes: Roll and redistribute paint to an even and fine texture. Leave no evidence of rolling such as laps, irregularity in texture, skid marks or other surface imperfections.

Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, lops, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable.

Transparent (Clear) Finishes: Use multiple coats to produce glass?smooth surface film of even luster. Provide a finish free of lops, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes or other surface imperfections.

Provide stain finish for final coats, unless otherwise indicated.

Completed Work: Match approved samples for color, texture and coverage.

Remove, refinish or repaint work not in compliance with specified requirements.

CLEAN?UP AND PROTECTION:

Clean?up: During progress of work, remove from site discarded paint materials, rubbish, cans and rags at end of each work day.

Upon completion of painting work, clean window glass and other paint?spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.

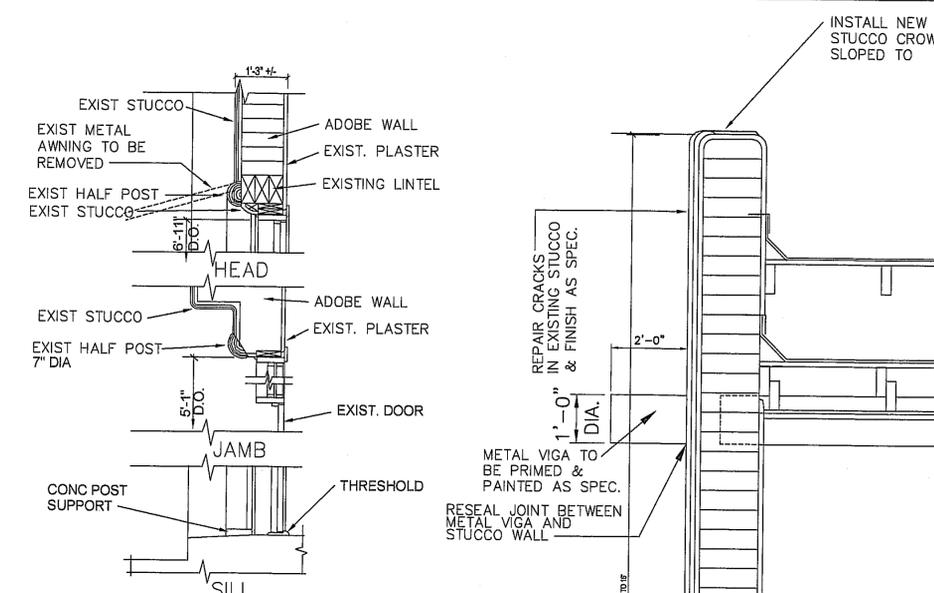
Protection: Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damage by cleaning, repairing or repainting, and repainting, as acceptable to Architect.

Provide "Wet Paint" signs as required to protect newly?pointed finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting operations.

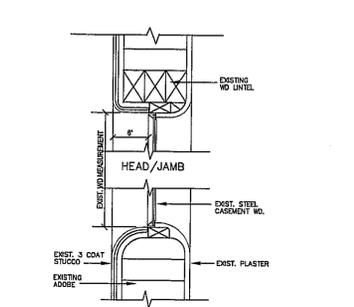
At the completion of work of other trades, touch?up and restores all damaged or defaced surfaces.

END OF SECTION 09000

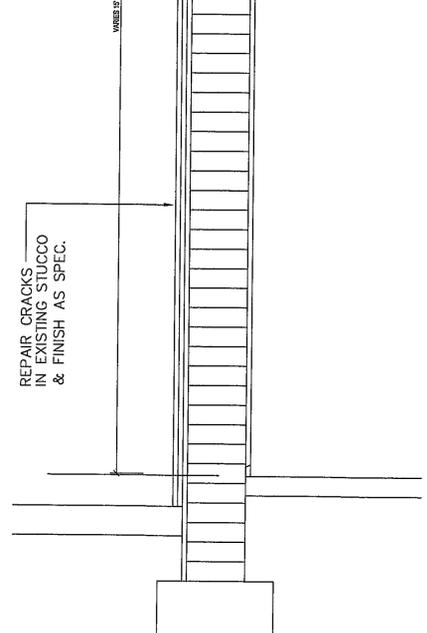
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1 DOOR DETAIL  
 A-2 NTS



2 DOOR DETAIL  
 A-2 NTS



3 EXIST. WALL SECTION  
 A-2 NTS

VISION ARCHITECTURE GROUP, LLC  
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DATE	X	X	X
JOB #			
DWG. BY			
CHK. BY			
REVISIONS			

SPECIFICATIONS + DETAILS  
 FOR  
 TULAROSA BASIN HISTORICAL SOCIETY  
 NEW MEXICO  
 PHASE 3 EXTERIOR IMPROVEMENTS  
 THE PLAZA MUSEUM  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO.

# PHASE 4 INTERIOR UPGRADE AT THE PLAZA MUSEUM 1004 N. WHITE SANDS BLVD. ALAMOGORDO, NEW MEXICO

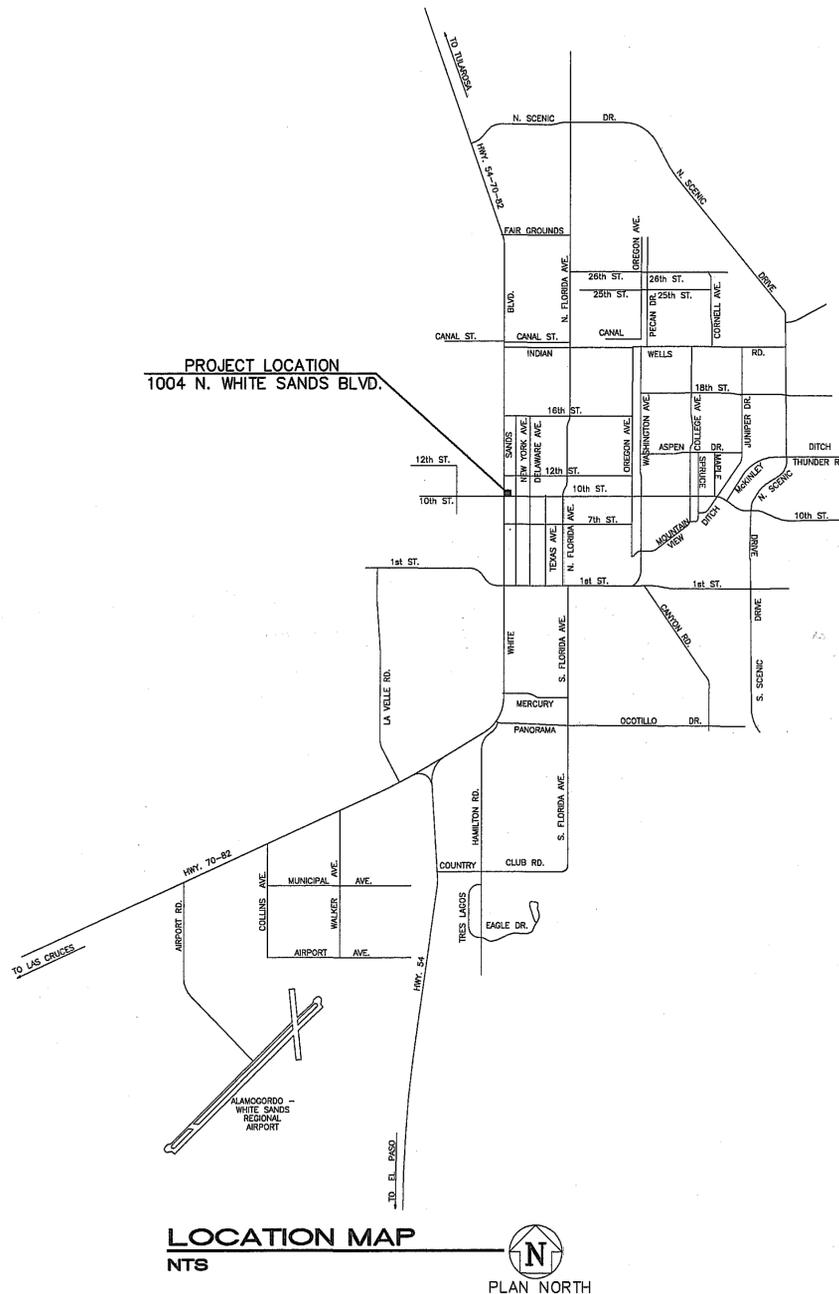
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LOCATION MAP, SHEET  
INDEX + BUILDING DATA  
FOR  
TULAROSA BASIN  
HISTORICAL SOCIETY

PHASE 4  
INTERIOR UPGRADE  
TO  
THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO,  
NEW MEXICO



## PROJECT DESCRIPTION + BUILDING DATA



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July 29, 2013

Subject: Plaza Pub Museum Project, Alamogordo, New Mexico

### Review Note:

This review is based on preliminary floor plan for proposed construction.

Project is a limited remodel of space within a project that is listed by the appropriate agency as an historic building.

Project is covered under the 2009 IEBC including Chapter Eleven provisions for historic structures. Basic code evaluation is based on 2009 IEBC.

### Base Review

This is a two story structure with a complete foot print of 7,544 square feet.

Previous structure occupancy classification was A-2 Restaurant. New occupancy classification is A-3 Museum.

This is a single tenant space.

Occupancy Type: A-3 Museum

Construction Type: V-A

Allowable Square Feet per Floor: 11,500 square feet

Actual Maximum Square Feet per Floor: 7,040 square feet

Allowable Stories: Two stories

Actual Stories: One stories

Area, Stories and Height Increases: Area increases allowed but not used

Structural Elements: One hour rated

Sprinkler System not required per Section 903.2.1.3.

Occupant Load: (Nearest Classification, Library) One per 50 Net = 140 Occupants.

Exit Width Required: 28"

Exit Width Provided: 192"

Number of Exits Required: 2

Number of Exits Provided: 4

Maximum Distance to Exit: 200'

Maximum Distance to Exit Provided: 93'

### Relative IEBC Provision

Repairs are allowed to use like materials to original products or newer product as desired. IEBC Section 1102.1 and 1102.5.

Repairs shall comply with IEBC Chapter Five, Section 1102.4.

Fire sprinkler system not required for this project.

Stairs and handrails allowed to remain as is per Section 1105.9.

Exit signs are required where it will not damage historical significance per Section 1103.11.

Main entrance is accessible per Section 1104.1.1.

Section 1104.1.4 Toilet and bathing facilities. Where toilet rooms are provided, at least one accessible family or assisted-use toilet room complying with Section 1109.2.1 of the International Building Code shall be provided.

### Note:

No provisions exist within Chapter Eleven or applicable provisions of Chapter Five that would require adding additional fixtures.

You will note that even under provisions of IEBC Section 702 due to the decrease from original occupant load additional plumbing fixtures would not be required.

## SHEET INDEX

- G-1 LOCATION MAP, SHEET INDEX & BUILDING DATA
- G-2 ADA STANDARDS & REQUIREMENTS
- A-1 FLOOR PLANS, SCHEDULES & DETAILS
- A-2 REFLECTED CEILING PLAN, INTERIOR ELEVATIONS & DETAILS
- P-1 PLUMBING PLANS & SCHEDULE
- E-1 POWER PLAN, PANEL SCHEDULE & RISER DIAGRAM
- E-2 LIGHTING PLAN, SCHEDULES & DETAILS

**1 PARKING**

A. THE FOLLOWING TABLE ESTABLISHES THE NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED:

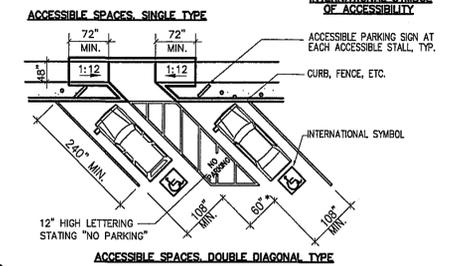
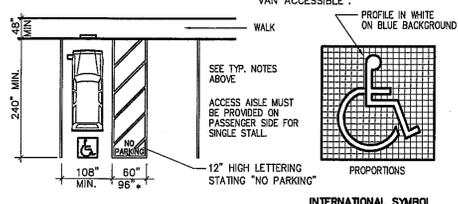
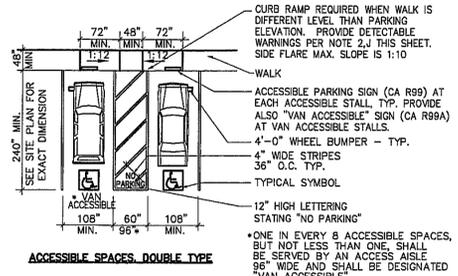
TOTAL NUMBER OF PARKING SPACES	NUMBER OF ACCESSIBLE PARKING SPACES REQUIRED
1-25	1
26-50	2
51-75	3
76-100	4
101-150	5
151-200	6
201-300	7
301-400	8
401-500	9
501-1000	2% OF TOTAL
+1000	20 + 1 FOR EACH 100 OVER 1000

- B. SURFACE SLOPES OF PARKING SPACES FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1/4 INCH PER FOOT (2% GRADIENT) IN ANY DIRECTION.
- C. EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A PERMANENTLY AFFIXED REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN ON STEEL, BEADED TEXT, OR EQUAL, DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. THE SIGN SHALL NOT BE SMALLER THAN 30 INCHES IN AREA AND SHALL BE CENTERED AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE, OR CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36 INCHES FROM THE FINISHED GRADE. FINISHED GRADE, GROUND, OR SIDEWALK. A SIGN SHALL ALSO BE POSTED, IN A CONSPICUOUS PLACE, AT EACH ENTRANCE TO THE OFF-STREET PARKING FACILITY, NOT LESS THAN 17 INCHES X 22 INCHES IN SIZE WITH LETTERING NOT LESS THAN 2 INCH IN HEIGHT, WHICH CLEARLY AND CONSPICUOUSLY STATES THE FOLLOWING: "UNAUTHORIZED VEHICLES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH PHYSICAL DISABILITIES MAY BE TOWED AWAY AT

OR BY TELEPHONING \_\_\_\_\_

IN ADDITION TO THE ABOVE REQUIREMENTS, THE SURFACE OF EACH PARKING SPACE SHALL HAVE A SURFACE IDENTIFICATION, 3 FEET SQUARE, DUPLICATING THE SYMBOL OF ACCESSIBILITY IN BLUE PAINT.

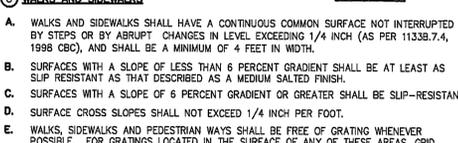
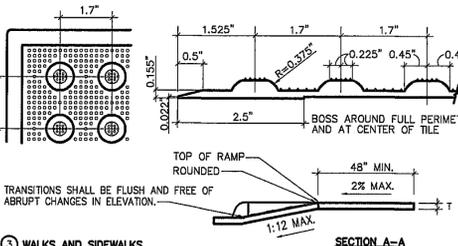
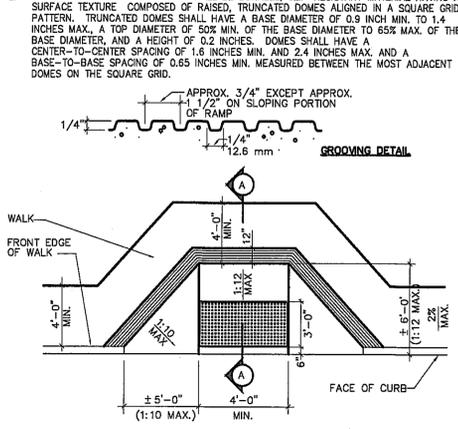
- D. CA 1009 IS THE ONLY SIGN AUTHORIZED TO BE USED IN THE STATE OF CALIFORNIA. CA R99 FOR PARKING SIGN AND CA R99A FOR THE VAN ACCESSIBLE SIGN.



**2 CURB RAMPS**

- A. CURB RAMPS SHALL BE CONSTRUCTED AT EACH CORNER OF STREET INTERSECTIONS AND WHERE A PEDESTRIAN WAY CROSSES A CURB. THE PREFERRED AND RECOMMENDED LOCATION FOR CURB RAMPS IS IN THE CENTER OF THE CROSSWALK OF EACH STREET CORNER. WHERE IT IS NECESSARY TO LOCATE A CURB RAMP AT THE CENTER OF THE CURB RETURN AND THE STREET SURFACES ARE MARKED TO IDENTIFY PEDESTRIAN CROSSWALKS, THE LOWER END OF THE CURB RAMPS SHALL TERMINATE WITHIN SUCH CROSSWALKS.
- B. CURB RAMPS SHALL BE A MINIMUM OF 4 FEET IN WIDTH AND SHALL LIE, GENERALLY, IN A SINGLE SLOPED PLANE WITH A MINIMUM OF SURFACE WARPING AND CROSS SLOPE.
- C. BUILT-UP CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES.
- D. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS EXCLUDING ANY FLARED SIDES.
- E. THE SLOPE OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. THE SLOPE OF THE FANNED OR FLARED SIDES OF CURB RAMPS SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL. (ADA)
- F. A LEVEL LANDING 4 FEET DEEP SHALL BE PROVIDED AT THE UPPER END OF EACH CURB RAMP OVER ITS FULL WIDTH TO PERMIT SAFE EGRESS FROM THE RAMP SURFACE, OR THE SLOPE OF THE FANNED OR FLARED SIDES OF THE CURB RAMP SHALL NOT EXCEED 1 VERTICAL TO 12 HORIZONTAL.
- G. ALL CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE. THE DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THE EDGE NEAREST THE CURB LINE IS 6 INCHES MIN. AND 8 INCHES MAX. FROM THE CURB LINE, AND SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP.
- H. THE SURFACE OF EACH CURB RAMP AND ITS FLARED SIDES SHALL BE STABLE, FIRM AND RESISTANT AND SHALL BE OF A CONTRASTING FINISH FROM THAT OF THE ADJACENT SIDEWALK, PER CBC SECTION 11278.5.6
- I. ALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE APPROXIMATELY 3/4 INCH ON CENTER. ALL CURB RAMPS CONSTRUCTED BETWEEN THE FACE OF THE CURB AND THE STREET SHALL HAVE A GROOVED BORDER AT THE LEVEL SURFACE OF THE SIDEWALK.
- J. CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED CARS.
- K. IF DIAGONAL CURB RAMPS HAVE RETURNED CURBS OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE 48 INCHES MINIMUM CLEAR SPACE. IF DIAGONAL CURB RAMPS ARE PROVIDED AT MARKED CROSSINGS, THE 48 INCH CLEAR SPACE SHALL BE WITHIN THE MARKINGS. IF DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ALSO HAVE AT LEAST A 24 INCH LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING.

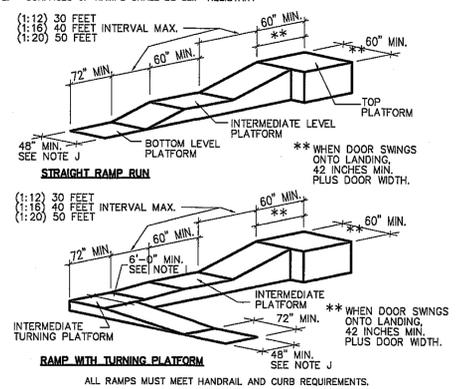
**L DETECTABLE WARNING SURFACES SHALL BE DURABLE, SLIP-RESISTANT MATERIAL HAVING A SURFACE TEXTURE COMPOSED OF RAISED, TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN. TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH MIN. TO 1.4 INCHES MAX. A TOP DIAMETER OF 0.508 MIN. OF THE BASE DIAMETER TO 0.658 MAX. OF THE BASE DIAMETER, AND A HEIGHT OF 0.2 INCHES. DOMES ADJACENT WALLS SHALL HAVE A CENTER-TO-CENTER SPACING OF 1.6 INCHES MIN. AND 2.4 INCHES MAX. AND A BASE-TO-BASE SPACING OF 0.65 INCHES MIN. MEASURED BETWEEN THE MOST ADJACENT DOMES ON THE SQUARE GRID.**



- 3 WALKS AND SIDEWALKS**
- A. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN ELEVATION EXCEPT 1/4 INCH (AS PER 11338.7.4, 1998 CBC), AND SHALL BE A MINIMUM OF 4 FEET IN WIDTH.
- B. SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH.
- C. SURFACES WITH A SLOPE OF 6 PERCENT GRADIENT OR GREATER SHALL BE SLIP-RESISTANT.
- D. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4 INCH PER FOOT.
- E. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/4 INCH IN THE DIRECTION OF TRAFFIC FLOW.
- F. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS.
- G. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVEL GREATER THAN 1/2 INCH ARE NECESSARY COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
- H. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60 INCHES BY 60 INCHES AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48 INCHES WIDE BY 44 INCHES DEEP THAT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALKS SHALL EXTEND 24 INCHES TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- I. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS OF AT LEAST 5 FEET IN LENGTH AT INTERVALS OF AT LEAST EVERY 400 FEET.
- J. IF A WALK CROSSES OR ADJAINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES WIDE, CONSISTING OF TRUNCATED DOMES. (SEE DETAIL ON SITE PLAN)

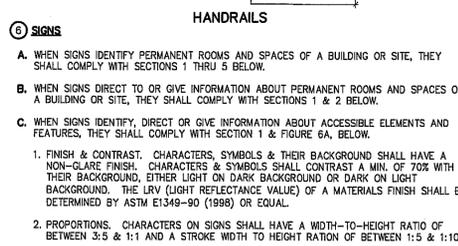
**4 RAMPS**

- A. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1:20 (1:12 MAXIMUM)
- B. 1:12 SLOPED RAMPS WITH LENGTH GREATER THAN 72" SHALL HAVE HANDRAILS ON BOTH SIDES.
- C. THE TOP LANDINGS ON A RAMP MUST BE AT LEAST 60 INCHES IN DEPTH.
- D. IF A DOOR SWINGS ONTO A TOP LANDING, THE MIN. LANDING DIMENSION SHALL BE NOT LESS THAN 42 INCHES CLEAR PLUS THE WIDTH OF THE DOOR.
- E. THE TOP LANDING SHALL HAVE A WIDTH NOT LESS THAN ITS DEPTH.
- F. THE TOP LANDING SHALL EXTEND NOT LESS THAN 24-INCHES BEYOND THE STRIKE SIDE OF THE DOOR AT EXTERIOR RAMPS AND 18-INCHES AT INTERIOR RAMPS.
- G. THE BOTTOM LANDING SHALL BE NOT LESS THAN 72 INCHES DEEP.
- H. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT TURNS AND WHENEVER THE CHANGE IN LEVEL EXCEEDS 30 INCHES.
- I. INTERMEDIATE LANDINGS ON STRAIGHT RAMPS SHALL HAVE A DEPTH OF NOT LESS THAN 5'-0" INTERMEDIATE LANDINGS ON RAMPS THAT TURN GREATER THAN 30 DEGREES SHALL BE NOT LESS THAN 6'-0" IN DEPTH.
- J. RAMPS SHALL BE NOT LESS THAN 4'-0" WIDE. RAMPS SERVING A PRIMARY ENTRANCE FOR AN OCCUPANT LOAD OF 300 OR MORE PEOPLE SHALL BE NOT LESS THAN 5'-0" WIDE.
- K. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP. HANDRAILS SHALL BE 34 TO 38 INCHES ABOVE THE RAMP SURFACE AND EXTEND A MINIMUM OF 1 FOOT BEYOND THE TOP AND BOTTOM OF THE RAMP.
- L. SURFACES OF RAMPS SHALL BE SLIP-RESISTANT



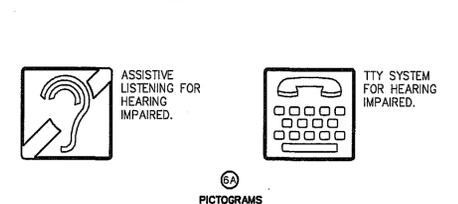
**5 STAIRS**

- A. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAILS MUST BE 1 1/4 INCHES TO 1 1/2 INCHES IN EITHER CROSS SECTIONAL DIMENSION AND 1 1/2 INCHES CLEAR FROM THE WALL. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH.
- B. EXTERIOR STAIRS: CAST IRON (NON-SKID) STAIR NOSINGS MIN. 2" WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND AT EVERY TREAD.
- C. INTERIOR STAIRS: MINIMUM 2 INCH WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND LOWER TREAD OF EACH FLIGHT OF STAIRS TO BE LOCATED 1 INCH FROM NOSING. STRIPE TO BE AS SLIP-RESISTANT AS STAIR TREADS.



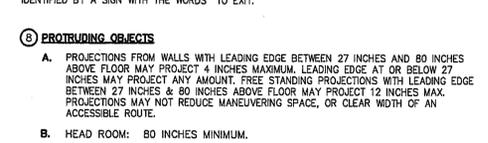
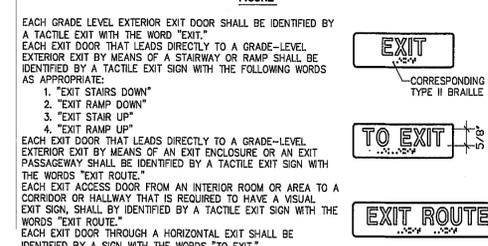
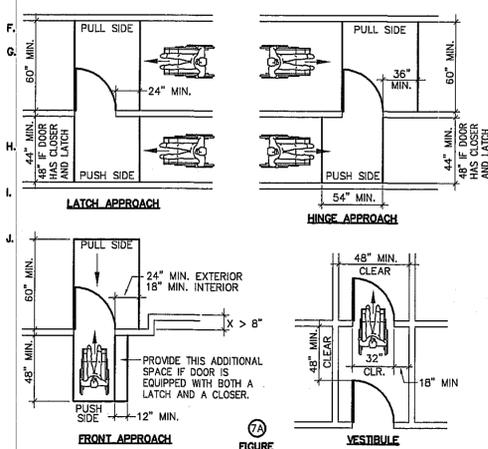
- 6 SIGNS**
- A. WHEN SIGNS IDENTIFY PERMANENT ROOMS AND SPACES OF A BUILDING OR SITE, THEY SHALL COMPLY WITH SECTIONS 1 THRU 5 BELOW.
- B. WHEN SIGNS DIRECT TO OR GIVE INFORMATION ABOUT PERMANENT ROOMS AND SPACES OF A BUILDING OR SITE, THEY SHALL COMPLY WITH SECTIONS 1 & 2 BELOW.
- C. WHEN SIGNS IDENTIFY, DIRECT OR GIVE INFORMATION ABOUT ACCESSIBLE ELEMENTS AND FEATURES, THEY SHALL COMPLY WITH SECTION 1 & FIGURE 6A, BELOW.

1. FINISH & CONTRAST. CHARACTERS, SYMBOLS & THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS & SYMBOLS SHALL CONTRAST A MIN. OF 70% WITH THEIR BACKGROUND, EITHER LIGHT ON DARK BACKGROUND OR DARK ON LIGHT BACKGROUND. THE LRV (LIGHT REFLECTANCE VALUE) OF A MATERIALS FINISH SHALL BE DETERMINED BY ASTM E3146-90 (1998) OR EQUAL.
2. PROPORTIONS. CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3.5 & 1:1 AND A STROKE WIDTH TO HEIGHT RATION OF BETWEEN 1:5 & 1:10.
3. RAISED CHARACTERS & PICTORIAL SYMBOL SIGNS.
- a. CHARACTER TYPE. CHARACTER ON SIGNS SHALL BE RAISED 3/8" (0.794mm) MIN. AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEE ITEM 4 BELOW)
- b. CHARACTER SIZE. RAISED CHARACTERS SHALL BE A MIN. OF 5/8" (15.8mm) AND A MAX. OF 2" (51mm) HIGH.
- c. PICTORIAL SYMBOL SIGNS (PICTOGRAMS). PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTORAM. THE OUTSIDE DIMENSION OF THE PICTORAM FIELD SHALL BE A MIN. OF 6" (152mm) IN HEIGHT.
- d. CHARACTER PLACEMENT. CHARACTERS AND BRAILLE SHALL BE IN HORIZONTAL FORMAT. BRAILLE SHALL BE PLACED A MIN. OF 3/8" & MAX. OF 1/2" DIRECTLY BELOW THE TACTILE CHARACTERS. FLUSH LEFT OR CENTERED. WHEN TACTILE TEXT IS MULTI-LINED, ALL BRAILLE SHALL BE PLACED TOGETHER BELOW ALL LINES OF TACTILE TEXT.
4. BRAILLE. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 5/64" (2.54mm) ON CENTERS IN EACH CELL WITH 4/64" (5.08mm) SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MIN. OF 3/64" (0.835mm) ABOVE THE BACKGROUND. BRAILLE DOTS SHALL BE DOMED OR ROUNDED.
5. MOUNTING LOCATION & HEIGHT. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" (1524mm) ABOVE THE FINISH FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THE A PERSON MAY APPROACH WITHIN 3" (76mm) OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.



**7 DOORS**

- A. LATCHES AND LOCKSETS: PROVIDE LEVER TYPE, PUSH- PULL OR PANIC TYPE HARDWARE 30 INCHES TO 44 INCHES ABOVE FLOOR.
- B. MAXIMUM FORCE TO OPERATE DOORS SHALL BE SLBS PRESSURE. FIRE DOORS SHALL BE MAX 15LBS.
- C. THRESHOLDS: THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOOR WAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. (SEE BELOW).
- LEVEL FLOOR OR LANDING: THERE SHALL BE A LEVEL AND CLEAR AREA ON EACH SIDE OF AN EXIT DOOR. THE LEVEL AREA SHALL BE AS SHOWN IN FIGURE 7A. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENING (VESTIBULES) SHALL PROVIDE 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH SPACE (SEE BELOW).
- D. DOOR WIDTH & HEIGHT: 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. CLEAR WIDTH: 32 INCHES MINIMUM WITH DOOR OPEN 90 DEG. MEASURED FROM THE FACE OF THE DOOR TO THE OPPOSITE STOP.
- E. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOT- REST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.



**8 PROTRUDING OBJECTS**

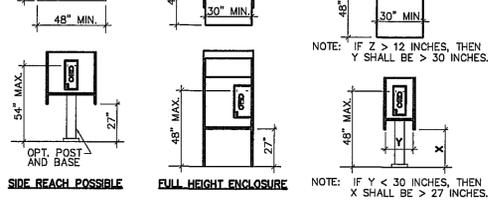
- A. PROJECTIONS FROM WALLS WITH LEADING EDGE BETWEEN 27 INCHES AND 80 INCHES ABOVE FLOOR MAY PROJECT 4 INCHES MAXIMUM. LEADING EDGE AT OR BELOW 27 INCHES MAY PROJECT ANY AMOUNT. FREE STANDING PROJECTIONS WITH LEADING EDGE BETWEEN 27 INCHES & 80 INCHES ABOVE FLOOR MAY PROJECT 12 INCHES MAX. PROJECTIONS MAY NOT REDUCE MANEUVERING SPACE, OR CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
- B. HEAD ROOM: 80 INCHES MINIMUM.

**9 ELECTRICAL**

- A. ELECTRICAL RECEPTACLES (15, 20 AND 30 AMPS) SHALL BE AT LEAST 15 INCHES ABOVE THE FLOOR.
- B. SWITCHES AND CONTROLS FOR LIGHTS, APPLIANCES, COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE NOT LESS THAN 3 FEET NOR MORE THAN 4 FEET ABOVE THE FLOOR.
- C. FIRE ALARM INITIATING DEVICES SHALL BE 48 INCHES ABOVE THE FLOOR, GROUND OR SIDEWALK.

**10 PUBLIC TELEPHONES**

- A. A CLEAR FLOOR OR GROUND SPACE AT LEAST 30 INCHES IN BY 48 INCHES THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES, BASES, ENCLOSURES, AND FIXED SEATS SHALL NOT IMPED APPROACHES BY PEOPLE WHO USE WHEELCHAIRS.
- B. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE NO HIGHER THAN 54 INCHES WHERE POSSIBLE, AND NO HIGHER THAN 48 INCHES WHERE FORWARD REACH IS REQUIRED.
- C. TELEPHONE EQUIPMENT FOR HEARING IMPAIRED PERSONS. TELEPHONES SHALL BE EQUIPPED WITH A RECEIVER THAT GENERATES A MAGNETIC FIELD IN THE AREA OF THE RECEIVER CAP. IF BANKS OF PUBLIC TELEPHONES ARE PROVIDED, AT LEAST ONE IN EACH BANK AND A TOTAL OF AT LEAST 25% OF THE TOTAL NUMBER OF PUBLIC TELEPHONES, INCLUDING CLOSED-CIRCUIT TELEPHONES IN A BUILDING OR FACILITY, SHALL BE EQUIPPED WITH A VOLUME CONTROL. SUCH TELEPHONES SHALL BE CAPABLE OF A MIN. OF 12DBA AND A MAX. OF 128DBA ABOVE NORMAL. IF AN AUTOMATIC RESET IS PROVIDED, 128DBA MAY BE EXCEEDED. PUBLIC TELEPHONES WITH VOLUME CONTROL SHALL BE HEARING AID COMPATIBLE AND SHALL BE IDENTIFIED BY A SIGN CONTAINING A PICTORAM OF A TELEPHONE HANDSET WITH RADIATING SOUND WAVES. SEE FIGURE 6A.

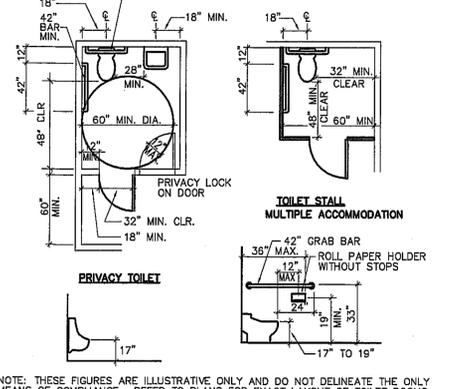
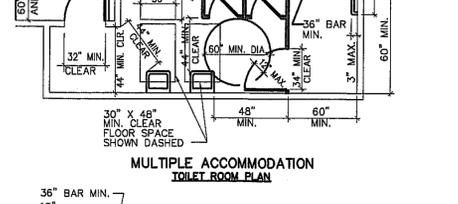
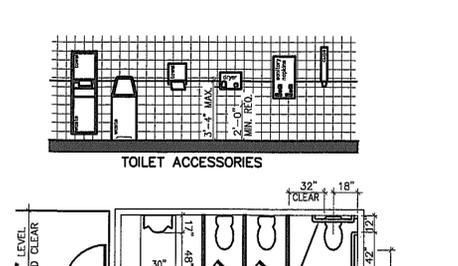


**11 DRINKING FOUNTAINS**

- A. THE BUBBLER CAN BE ACTIVATED BY A HAND OPERATED LEVER LOCATED WITHIN 6 INCHES OF THE FRONT OF THE FOUNTAIN OR BY A PUSH BAR ALONG THE FRONT OF THE FOUNTAIN.
- B. A SECOND DRINKING FOUNTAIN SHALL BE PROVIDED WITH A BUBBLER HEIGHT OF ±46" FOR PEOPLE WHO HAVE DIFFICULTY BENDING OR STOOPING.
- C. THE BUBBLER SHALL PROVIDE A FLOW OF WATER AT LEAST 4 INCHES HIGH. ON A FOUNTAIN WITH A ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3 INCHES OF THE FRONT EDGE OF THE FOUNTAIN.
- D. DOOR WIDTH & HEIGHT: 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. CLEAR WIDTH: 32 INCHES MINIMUM WITH DOOR OPEN 90 DEG. MEASURED FROM THE FACE OF THE DOOR TO THE OPPOSITE STOP.
- E. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOT- REST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

**12 SANITARY FACILITIES**

- A. GEOMETRICAL SYMBOLS**
1. DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/4 INCH THICK WITH EDGES, 12 INCHES LONG AND VERTEX POINTING UPWARD. WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4 INCH THICK WITH EDGES, 12 INCH IN DIAMETER.
2. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4 INCH THICK, 12 INCH DIAMETER, WITH A 1/4" THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12 INCH DIAMETER.
3. GEOMETRIC (CIRCLE AND TRIANGLE) SYMBOLS ON SANITARY DOORS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.
4. RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 11178.5.6. THEY SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.
- SECTION 11178.5.6.**
- a. LETTER TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH (0.794 MM) MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
- b. SYMBOL SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE MINIMUM OF 5/8 INCH (15.9 MM) HIGH.
- c. PICTORIAL SYMBOL SIGNS (PICTOGRAMS). PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTORAM. THE BORDER DIMENSION OF THE PICTORAM SHALL BE A MINIMUM OF 6 INCHES (152 MM) IN HEIGHT.
- d. ACCESSIBLE COMPARTMENT DOORS SHALL BE EQUIPPED WITH AN AUTOMATIC CLOSING DEVICE. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.
- e. WATER CLOSET: FLUSH CONTROLS ARE TO BE OPERABLE BY AN OSCILLATING HANDLE WITH A MINIMUM OPERATING FORCE OF 3 LB./F. OR BY A LOW VOLTAGE BUTTON. THE HANDLE OR BUTTON IS TO BE LOCATED ON THE WIDE SIDE SO AS TO BE OPERABLE WITHOUT REQUIRING EXCESSIVE BODY MOVEMENT.
- f. URINALS: PROVIDE ALL WALL HUNG URINALS WITH ELONGATED RIM. FLUSH CONTROLS ARE TO BE HAND OPERATED AND ARE TO MEET THE SAME REQUIREMENTS AS THE FLUSH CONTROLS FOR THE WATER CLOSET AND ARE TO BE A MAXIMUM OF 44 INCHES ABOVE THE FLOOR. RIM ELEVATION TO BE 17 INCHES A.F.F.
- g. LAVATORY: PROVIDE A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES WIDE, TO 8 INCHES MINIMUM DEPTH AT THE TOP. PROVIDE FOR THE CLEARANCE AT LEAST 30 INCHES WIDE, TO 8 INCHES ABOVE THE FLOOR AND 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY. PROVIDE A CLEAR FLOOR SPACE 30 INCHES X 48 INCHES FROM THE FRONT OF THE LAVATORY. THE CLEAR SPACE MAY EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. INSULATE HOT WATER AND DRAIN PIPES UNDER LAVATORIES. NO SHARP OR ABRASIVE SURFACES ARE ALLOWED UNDER LAVATORIES. FAUCET CONTROLS ARE REQUIRED TO BE OPERABLE WITH ONE HAND AND CANNOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE NECESSARY TO OPERATE CONTROLS IS NOT TO EXCEED 5 LB./F.
- h. ACCESSORIES: WHERE TOWEL, SANITARY NAPKIN AND WASTE RECEPTACLES AND SIMILAR ITEMS ARE TO BE HAND OPERATED AND PROVIDED, AT LEAST ONE OF EACH TYPE IS TO BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40 INCHES FROM THE FLOOR.
- MOUNT MIRRORS WITH THE BOTTOM EDGE NO MORE THAN 40 INCHES FROM THE FLOOR.
- LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT.
- i. THE STRUCTURAL STRENGTH OF GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE SPECIFICATIONS OF THE AMERICAN DISABILITIES ACT AND THE STATE OF CALIFORNIA TITLE 24.
- j. SINGLE ACCOMMODATION: A CLEAR FLOOR SPACE OF AT LEAST 60 INCHES IN DIAMETER IS REQUIRED FOR SINGLE ACCOMMODATION TOILET ROOMS.



NOTE: THESE FIGURES ARE ILLUSTRATIVE ONLY AND DO NOT DELINEATE THE ONLY MEANS OF COMPLIANCE. REFER TO PLANS FOR EXACT LAYOUT OF TOILET ROOMS.

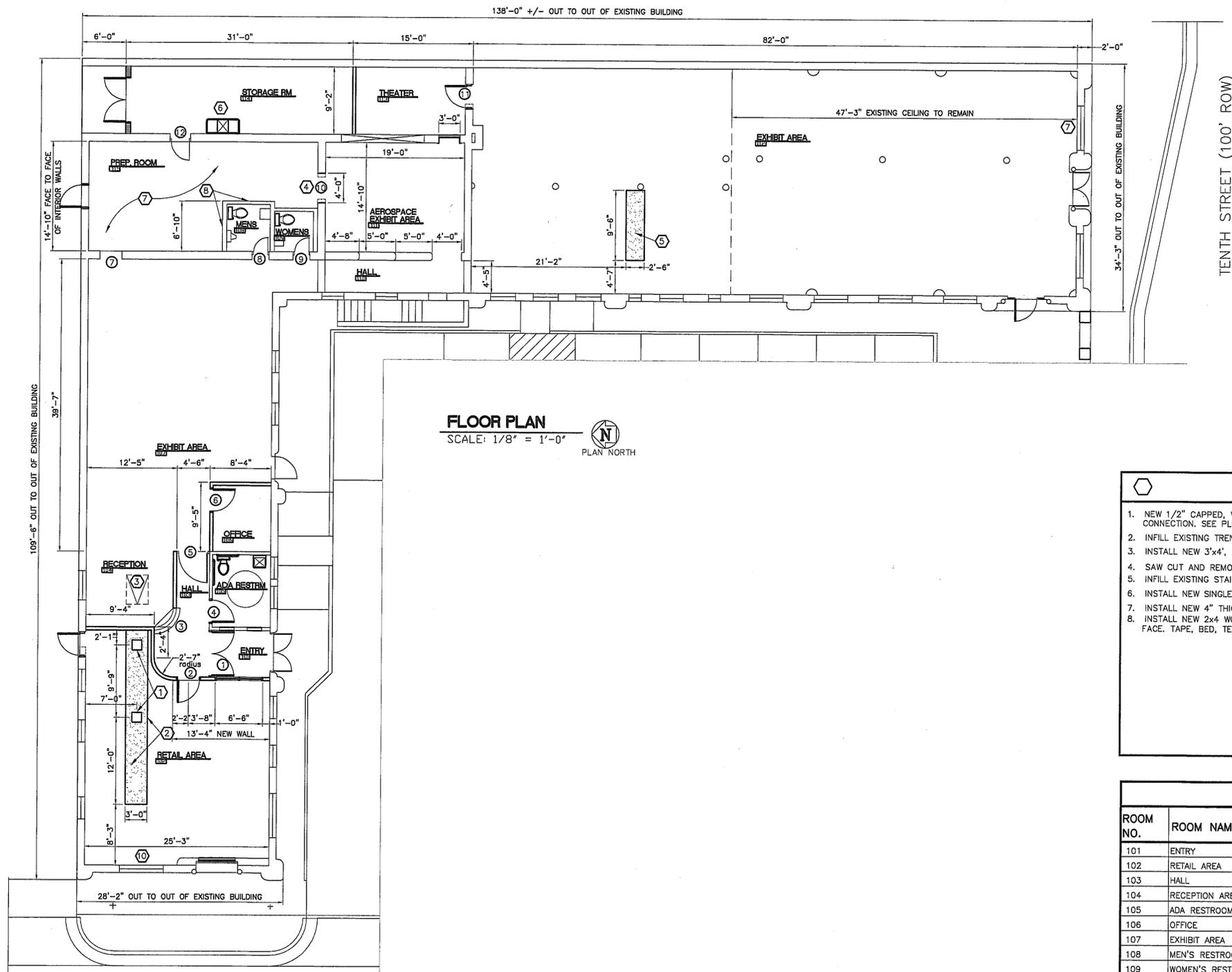
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DATE: x-x-x  
JOB #:  
DWG. BY:  
CHK. BY:  
REVISIONS:

ADA STANDARDS  
FOR  
TULAROSA BASIN HISTORICAL SOCIETY

PHASE 4  
INTERIOR UPGRADE  
TO  
THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMO, NM  
NEW MEXICO



**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"  
PLAN NORTH

INTERIOR DOOR SCHEDULE					
NO.	SIZE	DOOR TYPE	FRAME TYPE	HWD. NO.	REMARKS
1	2'-3"-0"x6'-8"x1-1/2"	STOREFRONT	ALUMINUM	ALUMINUM	H-01
2	3'x6'-8"x1-1/2"	STOREFRONT	ALUMINUM	ALUMINUM	H-01
3	4'-0"x4'-0"	ROLL-UP	STEEL	STEEL	H-02
4	3'-0"x6'-8"x1-3/4"	FLUSH	SC WOOD	HOL. MET.	H-03
5	4'-0"x8'-0"x1-1/2"	GATE	STEEL	STEEL	-
6	3'-0"x6'-8"x1-3/4"	FLUSH	SC WOOD	HOL. MET.	H-03
7	EXIST. 3'-0"x6'-8"x1-3/4"	FLUSH	EXIST. WOOD	EXIST. WOOD	H-04
8	EXIST. 2'-0"x6'-8"x1-3/4"	FLUSH	EXIST. WOOD	EXIST. WOOD	H-04
9	EXIST. 2'-0"x6'-8"x1-3/4"	FLUSH	EXIST. WOOD	EXIST. WOOD	H-04
10	4'-0"x8'-0"	ARCHED OPENING	-	-	-
11	3'-0"x6'-8"x1-3/4"	FLUSH	HOL. MET.	HOL. MET.	H-03
12	EXIST. 2'-10"x6'-8"x1-3/4"	FLUSH	EXIST. WOOD	EXIST. WOOD	H-04

NOTES: ALL EXTERIOR DOORS AND WINDOWS ARE PART OF PHASE 3, CONSTRUCTION AND ARE NOT PART OF THIS PROJECT.

DOOR HARDWARE SCHEDULE	
<b>H-01:</b>	STANDARD STOREFRONT DOOR HARDWARE FOR EXIT REQUIREMENTS
<b>H-02:</b>	STANDARD COUNTER ROLL-UP DOOR HARDWARE
<b>H-03:</b>	3 EA, 4-1/2"x4-1/2" CONTINUOUS, BRASS HINGE 1 EA, ENTRY FUNCTION LATCH SET W/ LEVER HANDLES 1 SET, HEAD & JAMB WEATHERSTRIP 6 EA, SILENCERS
<b>H-04:</b>	EXISTING HARDWARE TO REMAIN AS IS.

**NOTE:** ALL HARDWARE TO BE COMMERCIAL GRADE 1. FINISH AND COLOR AS SELECTED BY OWNER.

KEYED NOTES	
1.	NEW 1/2" CAPPED, WATER LINE, 1-1/2" CAPPED, SEWER LINE CONCEALED UNDER 24"x24" FLUSH CONCRETE KNOCK-OUT SLAB FOR FUTURE CONNECTION. SEE PLUMBING PLAN FOR DETAILS.
2.	INFILL EXISTING TRENCH W/ 4" THICK CONCRETE LID W/ 6x6 6/6 WWF. SCORE AND STAIN CONCRETE TO MATCH EXISTING CONCRETE FLOOR.
3.	INSTALL NEW 3'x4', FLUSH MOUNT, ALUMINUM ACCESS HATCH INTO EXISTING BASEMENT. REPAIR EXISTING FLOOR AS REQUIRED FOR INSTALLATION.
4.	SAW CUT AND REMOVE EXISTING ADOBE WALL AS REQUIRE FOR ENLARGING OPENING AS NOTED ON DOOR SCHEDULE.
5.	INFILL EXISTING STAIRS W/ 4" THICK CONCRETE LID W/ 6x6 6/6 WWF. SCORE AND STAIN CONCRETE TO MATCH EXISTING CONCRETE FLOOR.
6.	INSTALL NEW SINGLE COMPARTMENT, STAINLESS STEEL SINK. SEE PLUMBING PLAN FOR REQUIREMENTS.
7.	INSTALL NEW 4" THICK, 3000psi CONCRETE SLAB W/ 6x6 6/6 WWF. FINISH AS NOTED ON SCHEDULE.
8.	INSTALL NEW 2x4 WOOD FRAMING ABOVE EXISTING WALL UP TO BOTTOM OF EXISTING CEILING JOIST. INSTALL 5/8" GYP. BOARD ON EXTERIOR FACE. TAPE, BED, TEXTURE PRIME & PAINT GYP. BOARD.

ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	REMARKS
				N	S	E	W			
101	ENTRY	EB	EB/NB	SG	EP	EP	SG	EBW	10'-4"	
102	RETAIL AREA	EC	EB/NB	EP	EP/GB	GB/AG	EP	EBW	10'-4"	
103	HALL	EC	EB/NB	GB	EP/AG	-	GB/AG	EBW	10'-4"	
104	RECEPTION AREA	EC	EB/NB	EP	GB	GB	GB	EBW	10'-4"	
105	ADA RESTROOM	ET	CB	GB	GB	GB	GB	EPC	10'-4"	
106	OFFICE	EW	EB/NB	GB	EP	GB	EP	EBW	10'-4"	
107	EXHIBIT AREA	EW	EB/NB	EP	EP	EP	GB	EBW	10'-4"	
108	MEN'S RESTROOM	ET	CB	ER	ER	ER	ER	GTC	10'-4"	
109	WOMEN'S RESTROOM	ET	CB	ER	ER	ER	ER	GTC	10'-4"	
110	HALL	EH	EB	-	-	EP	EP	NGC	10'-4"	
111	AEROSPACE EXHIBIT AREA	EH	NB	EP/GB	EP	EP	EP	NGC	?	
112	EXHIBIT AREA	EC/EH	NB	EP	EP	EP	EP	EBP/NBG	10'-4"	
113	THEATER	EF	BB	PM	EP	EP	EP	ECR	10'-4"	
114	STORAGE ROOM	NC	NB	EP	EP/GB	EP	EP/GB	NGC	10'-4"	
115	PREP. ROOM	NC	NB	EP	EP/GB	EP	EP/GB	NGC	10'-4"	

NEW WALL SCHEDULE	
	NEW INTERIOR WALL: 2x4 WOOD FRAME W/ STUDS @ 16" O.C. & 5/8" GYP. BOARD ON ALL EXPOSED FACES. TAPE, BED, TEXTURE, PRIME AND PAINT ALL EXPOSED FACES OF GYP. BOARD.
	NEW EXTERIOR MASONRY WALL: 8" CMU WALL, EXTERIOR FACE TO BE PRIMED & PAINTED W/ AN ELASTOMERIC COATING. INTERIOR FACE TO BE PRIMED & PAINTED W/ INTERIOR LATEX PAINT.
	INFILL EXISTING WALL OPENING W/ 2x4 WOOD FRAMING W/ STUDS @ 16" O.C. AND 5/8" GYP. BOARD ON ALL EXPOSED FACES. FINISH GYP. BOARD TO BLEND IN WITH EXISTING ADJACENT WALLS. ADD CERAMIC TILE TO MATCH EXISTING IN NEW ROOM 105.
	INTERIOR STOREFRONT: 4"x2" BRONZE ANODIZED, ALUMINUM FRAME W/ 1/4" PLEXIGLASS.

FINISHES			
FLOOR	BASE	WALLS	CEILING
EC	EXIST. STAINED CONCRETE TO REMAIN. CLEAN & RESEAL	EB	EXIST. WOOD VIGAS W/ 1x ROUGH SAWN BETWEEN VIGAS: SAND BLAST & REPAIR VIGAS & CLEAN & REPAIR 1x's
ET	EXIST. CERAMIC TILE TO REMAIN. PATCH, REPAIR & CLEAN	CB	EXIST. CERAMIC TILE, PATCH, REPAIR & CLEAN
EW	EXIST. WOOD FLOOR TO REMAIN. STRIP, SAND & RESEAL	NB	NEW 1x6 WOOD BASE, PRIME & PAINT
EH	EXIST. CONCRETE TO REMAIN. GROOVE, STAIN & RESEAL	BB	NO BASE REQUIRED
EF	EXIST. CONCRETE TO REMAIN. CLEAN & RESEAL	PM	NEW MASONRY WALL: BLOCK FILLER, PRIME & PAINT.
NC	NEW CONCRETE, GROOVE, STAIN & SEAL		

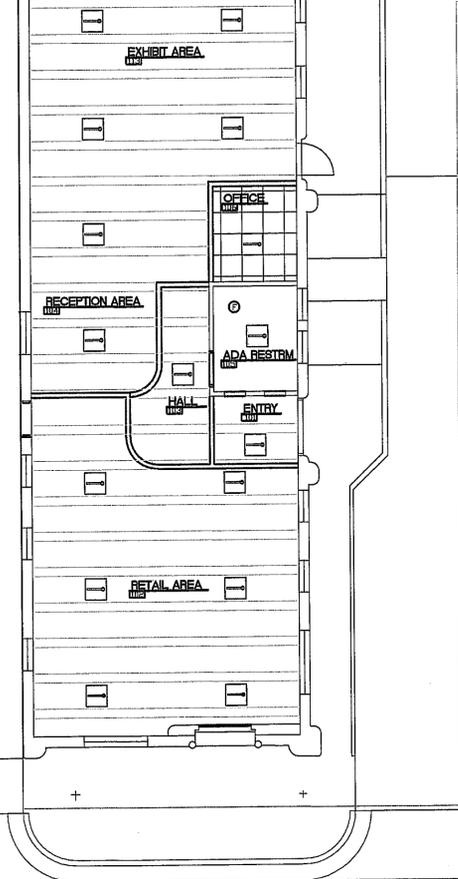
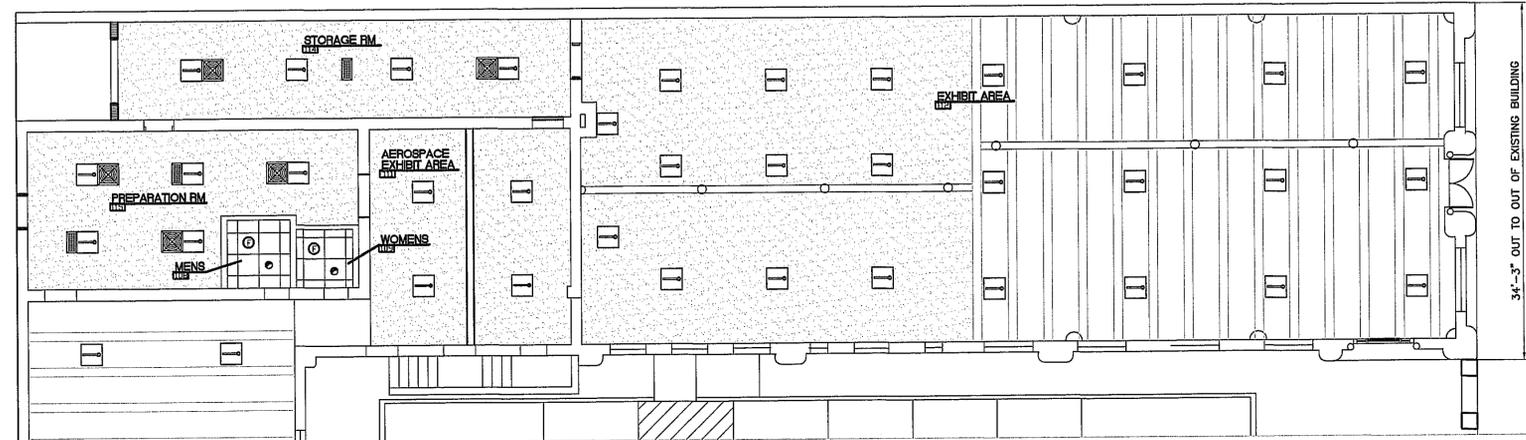
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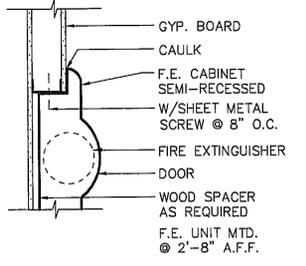
FLOOR PLAN, SCHEDULES + DETAILS  
FOR TULAROSA BASIN HISTORICAL SOCIETY

PHASE 4 INTERIOR UPGRADE TO THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO

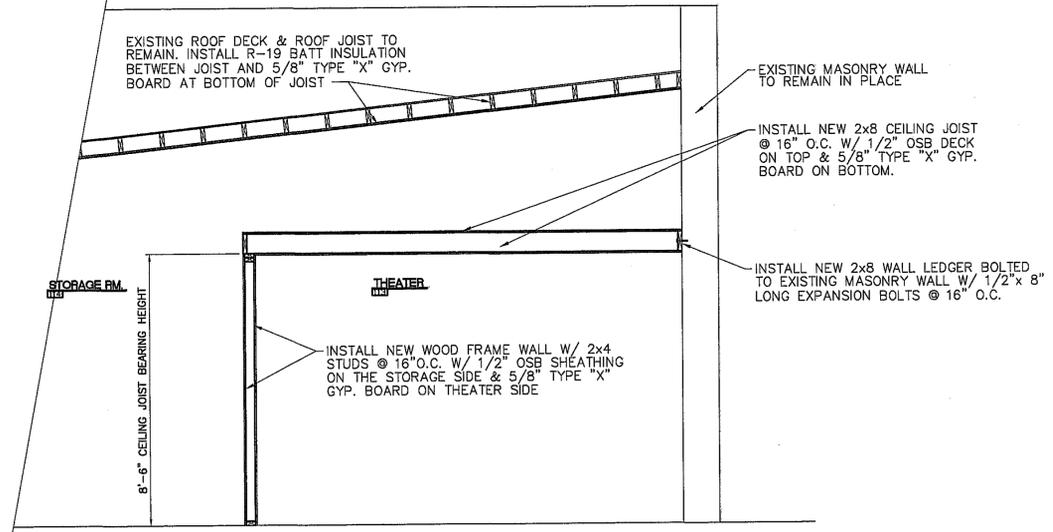


**REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

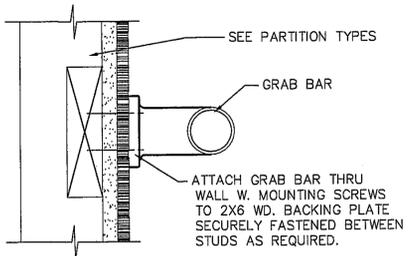
WHITE SANDS BOULEVARD (100' ROW)



**FIRE EXTINGUISHER CABINET DET.**  
NTS  
NOTE: LOCATE ONE FIRE EXTINGUISHER PER EXIT DOOR FOR A TOTAL OF 4 REQUIRED.



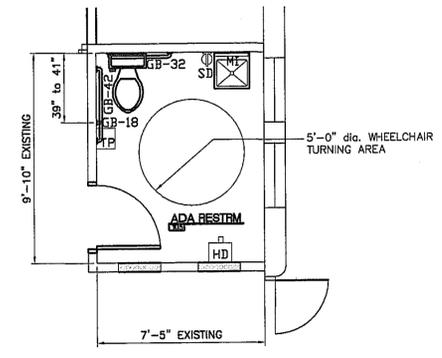
**WALL SECTION AT THEATER**  
SCALE: 3/8" = 1'-0"



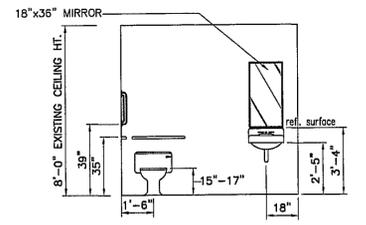
**TYPICAL GRAB BAR DETAIL**  
NTS

**REFLECTED CEILING LEGEND**

	2'x2' SUSPENDED ACOUSTICAL CEILING IN SUSPENSION SYSTEM.		NEW SUPPLY AIR REGISTER. SEE MECH. PLAN FOR SIZE.		NEW SURFACE MOUNT, 8' DIA. LED LIGHT FIXTURE. SEE ELECT. PLANS.
	NEW 5/8' TYPE 'X' GYP. BOARD CEILING. TAPE, BED, TEXTURE, PRIME & PAINT.		NEW RETURN AIR GRILLE. SEE MECH. PLAN FOR SIZE.		EXISTING WOOD VIGAS & CEILING IN BETWEEN. SEE ROOM FINISH SCHED. FOR REQUIREMENTS.
	NEW 2'x2' LED, SURFACE MOUNT, LIGHT FIXTURE. SEE ELECT. PLANS.		NEW SURFACE MOUNT, EXHAUST FAN. SEE MECH. PLANS.		



**ENLARGED FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**ADA RESTROOM ELEVATION**  
SCALE: 1/4" = 1'-0"

**TOILET ACCESSORIES**

	STAINLESS STEEL, SURFACE MOUNT, LIQUID SOAP DISPENSER
	18"x36" MIRROR W/ STAINLESS STEEL EDGE
	SURFACE MOUNTED, 120 VOLT, 15 AMP, 1 PHASE HAND DRYER
	2-ROLL, STAINLESS STEEL, SURFACE MOUNTED TOILET PAPER HOLDER.
	1-1/4" DIA x 36" LONG, STAINLESS STEEL, GRAB BAR WITH CONCEALED FASTENERS & KNURLED FINISH.
	1-1/4" DIA x 42" LONG, STAINLESS STEEL, GRAB BAR WITH CONCEALED FASTENERS & KNURLED FINISH.
	1-1/4" DIA x 18" LONG, VERTICAL STAINLESS STEEL, GRAB BAR WITH CONCEALED FASTENERS & KNURLED FINISH.

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REFLECTED CEILING PLAN,  
INTERIOR ELEVATIONS  
+ DETAILS  
FOR  
TULAROSA BASIN  
HISTORICAL SOCIETY

PHASE 4  
INTERIOR UPGRADE  
TO  
THE PLAZA MUSEUM  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO

PLUMBING EQUIPMENT SCHEDULE	
P-1	TOILET. TO MEET ADA REQUIREMENTS, TANK TYPE, ELONGATED BDVL, 1.6 GPF, WHITE, VITREOUS CHINA, KOHLER 3427, CLOSED FRONT SEAT W/ COVER K4652 CAST BRASS SERVICE STOP, OAE
P-2	EXISTING TOILET. TO REMAIN, CLEAN AND REPLACE FLOAT ASSEMBLY, HANDLE, SERVICE STOP AND TOILET SEAT WITH NEW.
P-3	LAVATORY. TO MEET ADA REQUIREMENTS, COUNTERTOP, 20"x17", 4" CENTERS, WHITE, VITREOUS CHINA, KOHLER K2195-4, FAUCET SINGLE LEVER W/POP-UP K15583-5, OFFSET DRAIN K13885, INSULATION KIT, CAST BRASS SERVICE STOPS
P-4	EXISTING LAVATORY. TO REMAIN, CLEAN AND REPLACE FAUCET SET W/ SINGLE LEVER & POP-UP DRAIN. REPLACE EXISTING SERVICE STOPS WITH NEW.
P-5	HOT WATER HEATER. POINT OF USE TYPE, 4 GALLON TANK, T&P RELIEF, 120 VOLT, 1500 WATTS, ARISTON No. GL4T1, OAE
P-6	EXISTING URINAL. TO REMAIN, CLEAN AND REPLACE FLUSH VALVE AND SERVICE STOP WITH NEW.
P-7	SINK. TO MEET ADA REQUIREMENTS, SINGLE COMPARTMENT, 18 GA. TYPE 304 STAINLESS, SELF RIM, SIZE 19"x33"x6", 8" CENTERS, JUST DLADAI933AGR, FAUCET J-1174, KS, DRAIN J-35 ADA, BOCAR INSULATION KIT, BRASSCRAFT SERVICE STOPS, OAE

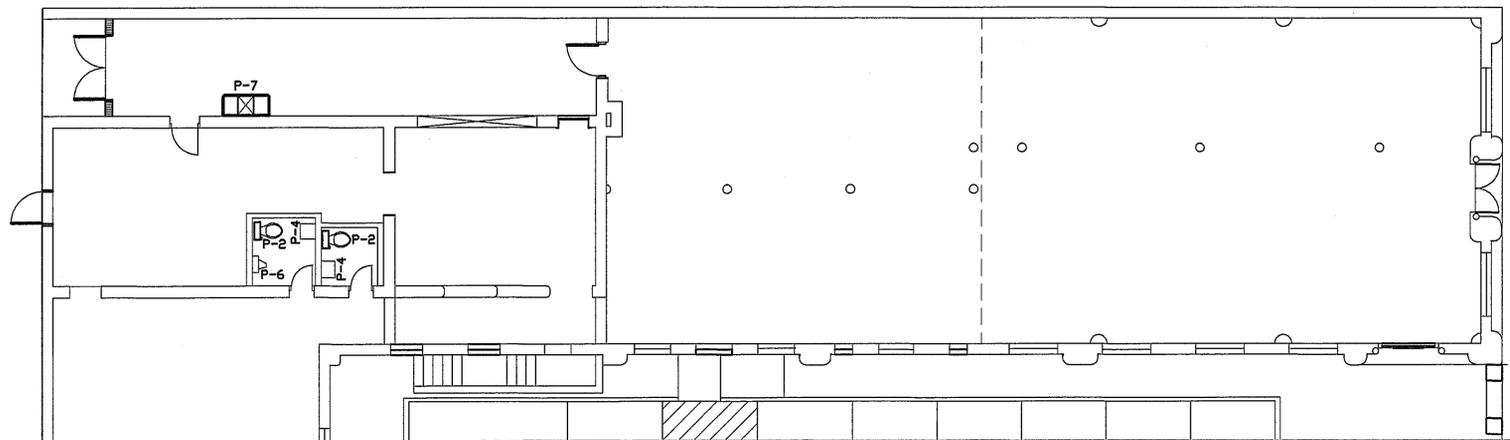
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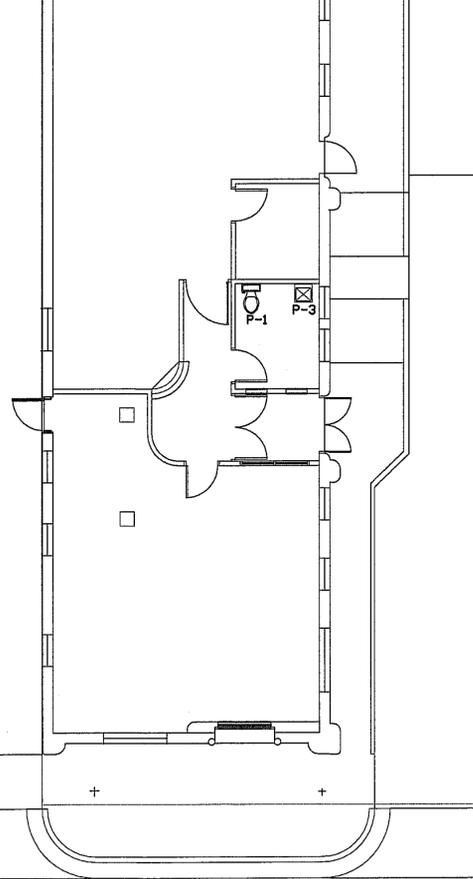
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PLUMBING PLAN, DETAILS + SCHEDULES  
 FOR TULAROSA BASIN HISTORICAL SOCIETY

PHASE 4 INTERIOR UPGRADE TO THE PLAZA MUSEUM  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO, NEW MEXICO



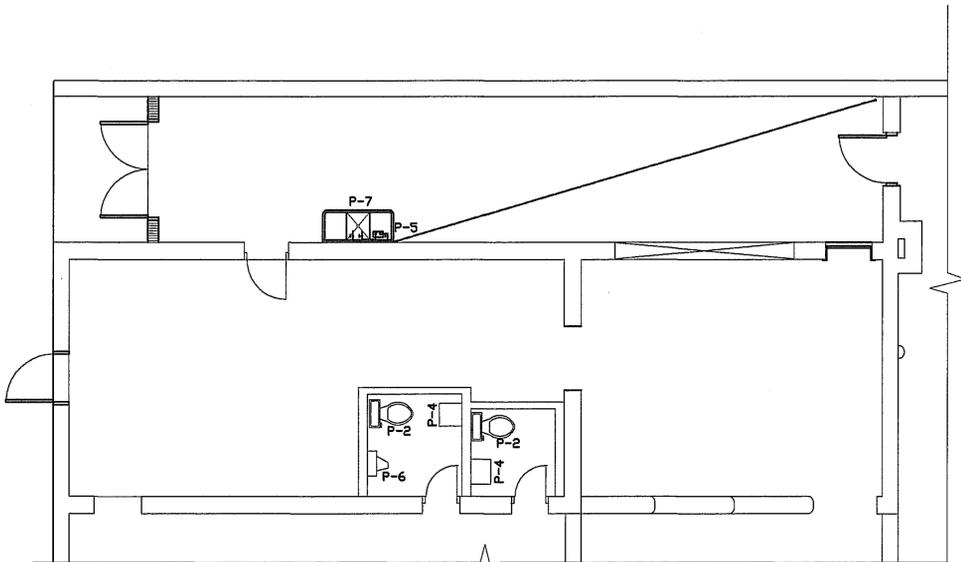
PLUMBING PLAN  
 SCALE: 1/8" = 1'-0"  
 PLAN NORTH



WHITE SANDS BOULEVARD (100' ROW)

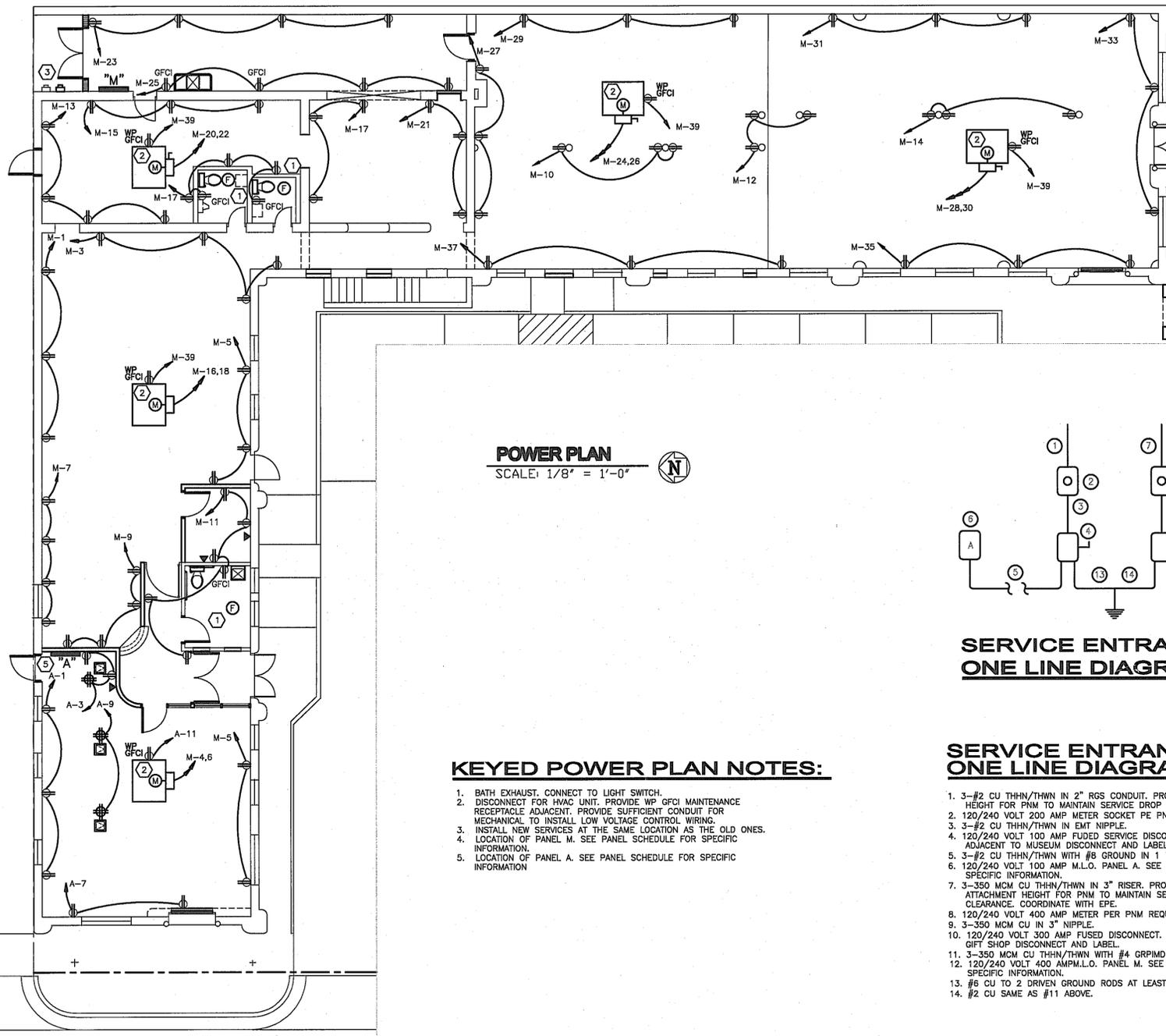
ENLARGED NEW SEWER PLUMBING PLAN  
 SCALE: 3/16" = 1'-0"  
 PLAN NORTH

- KEYED NOTES**
- EXISTING 4" CAST IRON SEWER LINE IN BASEMENT TO REMAIN.
  - POINT OF CONNECTION FOR NEW 4" PVC SEWER TO EXISTING 4" CAST IRON.
  - NEW 4" PVC SEWER LINE.
  - NEW FLOOR MOUNTED, 4" SEWER CLEAN-OUT W/ FLUSH BRASS CAP.
  - NEW 4" PVC, SEWER RISER CONNECTED TO NEW SEWER.
  - NEW 3" PVC SEWER FROM NEW WATER CLOSET TO NEW 4" SEWER MAIN.
  - NEW 1-1/2" PVC, SEWER FROM NEW LAVATORY TO NEW 4" SEWER RISER.
  - NEW 2" PVC, SEWER REVENT FROM LAVATORY TO 4" SEWER RISER.
  - NEW 3" PVC, SEWER VENT FROM 4" SEWER RISER TO EXISTING 4" VENT THRU ROOF. CONNECT IN ATTIC SPACE.
  - EXISTING 4" CAST IRON VENT THRU ROOF TO REMAIN.
  - NEW 2" PVC, SEWER FOR FUTURE CONNECTIONS.
  - NEW 2" CAPPED, PVC RISER W/ 90deg SWEEP CONNECTING TO NEW 2" SEWER LINE. CAP UNDER NEW KNOCK-OUT CONCRETE FLOOR BLOCK.
  - NEW 2" PVC, SEWER VENT THRU ROOF. FLASH & COUNTER FLASH AS REQUIRED TO MAINTAIN A WEATHERPROOF & WATERPROOF PENETRATION.
  - EXISTING 4" CAST IRON, SEWER RISER. MODIFY TO ALLOW FOR INSTALLATION OF NEW SEWER PIPE CONNECTION.
  - NEW 2" SURFACE MOUNTED, SEWER LINE FROM NEW SS SINK TO EXISTING 4" CAST IRON SEWER.
  - EXISTING 3/4" COLD WATER SUPPLY IN BASEMENT.
  - NEW POINT OF CONNECT FOR WATER SUPPLY LINE IN BASEMENT.
  - NEW 3/4" PVC WATER SUPPLY LINE CONNECT TO EXISTING IN BASEMENT AND DISTRIBUTE AS NOTED.



ENLARGED NEW HOT/COLD WATER PLUMBING PLAN  
 SCALE: 3/16" = 1'-0"  
 PLAN NORTH

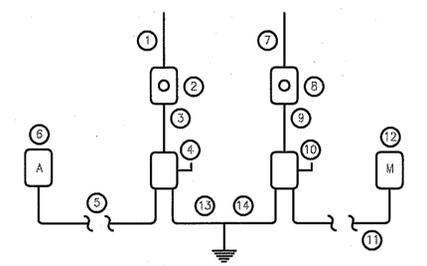
TENTH STREET (100' ROW)



**POWER PLAN**  
SCALE: 1/8" = 1'-0"

**KEYED POWER PLAN NOTES:**

1. BATH EXHAUST. CONNECT TO LIGHT SWITCH.
2. DISCONNECT FOR HVAC UNIT. PROVIDE WP GFCI MAINTENANCE RECEPTACLE ADJACENT. PROVIDE SUFFICIENT CONDUIT FOR MECHANICAL TO INSTALL LOW VOLTAGE CONTROL WIRING.
3. INSTALL NEW SERVICES AT THE SAME LOCATION AS THE OLD ONES.
4. LOCATION OF PANEL M. SEE PANEL SCHEDULE FOR SPECIFIC INFORMATION.
5. LOCATION OF PANEL A. SEE PANEL SCHEDULE FOR SPECIFIC INFORMATION.



**SERVICE ENTRANCE/  
ONE LINE DIAGRAM**  
NTS

**SERVICE ENTRANCE/  
ONE LINE DIAGRAM NOTES:**

1. 3-#2 CU THHN/THWN IN 2" RGS CONDUIT. PROVIDE SUFFICIENT HEIGHT FOR PNM TO MAINTAIN SERVICE DROP CLEARANCE.
2. 120/240 VOLT 200 AMP METER SOCKET PER PNM REQUIREMENTS.
3. 3-#2 CU THHN/THWN IN EMT NIPPLE.
4. 120/240 VOLT 100 AMP FUSED SERVICE DISCONNECT. MOUNT ADJACENT TO MUSEUM DISCONNECT AND LABEL.
5. 3-#2 CU THHN/THWN WITH #8 GROUND IN 1 1/2" CONDUIT.
6. 120/240 VOLT 100 AMP M.L.O. PANEL A. SEE PANEL SCHEDULE FOR SPECIFIC INFORMATION.
7. 3-350 MCM CU THHN/THWN IN 3" RISER. PROVIDE SUFFICIENT ATTACHMENT HEIGHT FOR PNM TO MAINTAIN SERVICE CLEARANCE. COORDINATE WITH EPE.
8. 120/240 VOLT 400 AMP METER PER PNM REQUIREMENTS.
9. 3-350 MCM CU IN 3" NIPPLE.
10. 120/240 VOLT 300 AMP FUSED DISCONNECT. MOUNT ADJACENT TO GIFT SHOP DISCONNECT AND LABEL.
11. 3-350 MCM CU THHN/THWN WITH #4 GRPMD IN 3" CONDUIT.
12. 120/240 VOLT 400 AMP M.L.O. PANEL M. SEE PANEL SCHEDULE FOR SPECIFIC INFORMATION.
13. #6 CU TO 2 DRIVEN GROUND RODS AT LEAST 6' APART.
14. #2 CU SAME AS #11 ABOVE.

TENTH STREET (100' ROW)

WHITE SANDS BOULEVARD (100' ROW)

**LOAD SUMMARY**

PANEL	LOAD
A	14,900VA/62 AMPS
M	65,560VA/273 AMPS

**FAULT CURRENT CALCULATIONS**

50 KVA 120/240 VOLT TRANSFORMER 1.6  
50/24 = 208 AMPS FULL LOAD  
208/0.16 = 13,000 AMPS FAULT CURRENT  
GEAR MUST BE RATED 22 KA

**GENERAL ELECTRICAL NOTES:**

1. THESE PLANS ARE SCHEMATIC AND DO NOT SHOW THE EXACT LOCATIONS OF EQUIPMENT, CONDUIT ROUTING, ETC. THE CONTRACTOR MUST REFER TO EXISTING CONDITIONS, ARCHITECTURAL, AND MECHANICAL PLANS TO OBTAIN COMPLETE INFORMATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR SEEING THAT NEC CLEARANCES AROUND AND ABOVE ELECTRICAL EQUIPMENT ARE MAINTAINED. SEE NEC 110.26 FOR SPECIFIC INFORMATION. SPECIFICALLY DO NOT ALLOW FOREIGN EQUIPMENT ABOVE PANELBOARDS AND INSTALL TO LEAVE AT LEAST 36" OF SPACE IN FRONT.
3. THE CONTRACTOR MAY INSTALL UP TO 6 CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THHN INSULATION AND DERATINGS FOR TEMPERATURE AND UP TO 6 CONDUCTORS IN A CONDUIT.
4. SWITCH, OUTLET, AND CONTROLS, INSTALLATION SHALL COMPLY WITH THE STATE OF NEW MEXICO REQUIREMENTS FOR ACCESSIBILITY. SPECIFICALLY, OUTLET BOXES SHALL BE INSTALLED AT 15" A.F.F. TO THE BOTTOM OF THE BOX, AND SWITCH AND CONTROLS SHALL BE INSTALLED AT 44" A.F.F. TO THE BOTTOM OF THE BOX, UNLESS NOTED OTHERWISE. ELECTRICAL DEVICES ABOVE A COUNTERTOP OR OTHER OBSTRUCTION SHOULD COMPLY WITH ICC/ANSI 117.1-1998 SECTION 308.
5. EXTERIOR FIXTURES SPECIFIED ON THIS PROJECT COMPLY WITH THE STATE OF NEW MEXICO NIGHT SKY PROTECTION ACT AND THE CURRENT CITY OF CITY OF ALAMOGORDO LIGHTING ORDINANCE. SEE ATTACHED CALCULATIONS. CONTACT THE ENGINEER IF NECESSARY.

**GENERAL DEMOLITION NOTES:**

1. THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL WIRING, CONDUIT, ETC., THAT IS IN THE AREAS BEING DEMOLISHED.
2. ALL ELECTRICAL WIRING, CONDUIT, SPECIAL SYSTEMS, ETC., THAT IS REMOVED MUST BE REMOVED BACK TO THE SOURCE OR TO THE POINT THAT IT BECOMES INACCESSIBLE.
3. ANY CONDUIT, WIRING, SPECIAL SYSTEMS, ETC., THAT DOES REMAIN MUST BE SUPPORTED BY THE BUILDING STRUCTURE.
4. THE CONTRACTOR SHALL RECONNECT ANY EQUIPMENT THAT HAS BEEN INTERRUPTED IF IT IS TO REMAIN.

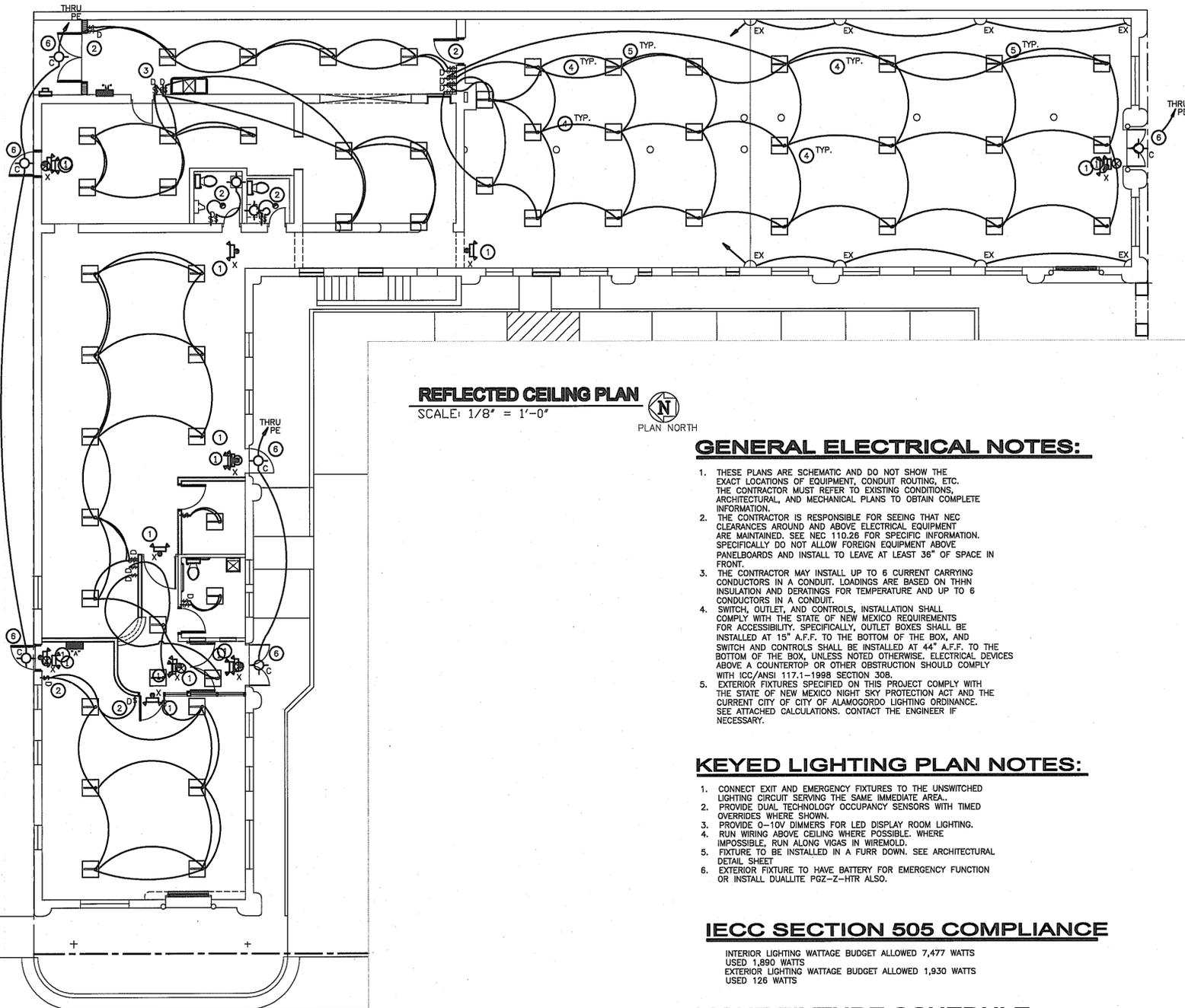
**VISION ARCHITECTURE GROUP, LLC**  
PO BOX 136, CHAMBERLINO, NM 88027  
TELEPHONE: (575) 639-1842  
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DATE	X-X-X
JOB #	
DWG. BY	
CHK. BY	
REVISIONS	

**POWER PLAN, PANEL SCHED. & RISER DIAGRAM**  
FOR  
**TULAROSA BASIN HISTORICAL SOCIETY**

**INTERIOR UPGRADE TO THE NEW PLAZA MUSEUM**  
1004 N. WHITE SANDS BLVD.  
ALAMOGORDO, NEW MEXICO



**REFLECTED CEILING PLAN**

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



**GENERAL ELECTRICAL NOTES:**

1. THESE PLANS ARE SCHEMATIC AND DO NOT SHOW THE EXACT LOCATIONS OF EQUIPMENT, CONDUIT ROUTING, ETC. THE CONTRACTOR MUST REFER TO EXISTING CONDITIONS, ARCHITECTURAL, AND MECHANICAL PLANS TO OBTAIN COMPLETE INFORMATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR SEEING THAT NEC CLEARANCES AROUND AND ABOVE ELECTRICAL EQUIPMENT ARE MAINTAINED. SEE NEC 110.26 FOR SPECIFIC INFORMATION. SPECIFICALLY DO NOT ALLOW FOREIGN EQUIPMENT ABOVE PANELBOARDS AND INSTALL TO LEAVE AT LEAST 36" OF SPACE IN FRONT.
3. THE CONTRACTOR MAY INSTALL UP TO 6 CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THHN INSULATION AND DERATINGS FOR TEMPERATURE AND UP TO 6 CONDUCTORS IN A CONDUIT.
4. SWITCH, OUTLET, AND CONTROLS. INSTALLATION SHALL COMPLY WITH THE STATE OF NEW MEXICO REQUIREMENTS FOR ACCESSIBILITY. SPECIFICALLY, OUTLET BOXES SHALL BE INSTALLED AT 15" A.F.F. TO THE BOTTOM OF THE BOX, AND SWITCH AND CONTROLS SHALL BE INSTALLED AT 44" A.F.F. TO THE BOTTOM OF THE BOX, UNLESS NOTED OTHERWISE. ELECTRICAL DEVICES ABOVE A COUNTERTOP OR OTHER OBSTRUCTION SHOULD COMPLY WITH ICC/ANSI 117.1-1998 SECTION 306.
5. EXTERIOR FIXTURES SPECIFIED ON THIS PROJECT COMPLY WITH THE STATE OF NEW MEXICO NIGHT SKY PROTECTION ACT AND CURRENT CITY OF CITY OF ALAMOGORDO LIGHTING ORDINANCE. SEE ATTACHED CALCULATIONS. CONTACT THE ENGINEER IF NECESSARY.

**KEYED LIGHTING PLAN NOTES:**

1. CONNECT EXIT AND EMERGENCY FIXTURES TO THE UNSWITCHED LIGHTING CIRCUIT SERVING THE SAME IMMEDIATE AREA.
2. PROVIDE DUAL TECHNOLOGY OCCUPANCY SENSORS WITH TIMED OVERRIDES WHERE SHOWN.
3. PROVIDE 0-10V DIMMERS FOR LED DISPLAY ROOM LIGHTING.
4. RUN WIRING ABOVE CEILING WHERE POSSIBLE. WHERE IMPOSSIBLE, RUN ALONG VIGAS IN WIREMOLD.
5. FIXTURE TO BE INSTALLED IN A FURR DOWN. SEE ARCHITECTURAL DETAIL SHEET.
6. EXTERIOR FIXTURE TO HAVE BATTERY FOR EMERGENCY FUNCTION OR INSTALL DUALLITE PGZ-2-HTR ALSO.

**IECC SECTION 505 COMPLIANCE**

INTERIOR LIGHTING WATTAGE BUDGET ALLOWED 7,477 WATTS  
 USED 1,890 WATTS  
 EXTERIOR LIGHTING WATTAGE BUDGET ALLOWED 1,930 WATTS  
 USED 126 WATTS

**LIGHT FIXTURE SCHEDULE**

MARK	MANUFACTURER	CATALOG #	BULBS
A	CREE	ZR22-32-40K-10	LED
B	COLUMBIA	SA4-132-EU 1-F032T8735	LED*
C	HUBBELL	LNC-5L-5K-3-1-EM	LED*

FIXTURE TO HAVE BATTERY FOR EMERGENCY FUNCTION OR INCLUDE A DUALLITE PGZ-2-HTR.

TENTH STREET (100' ROW)

WHITE SANDS BOULEVARD (100' ROW)

PANELBOARD SCHEDULE											
PANEL A						LOCATION					
SERVICE 120/240 VOLTS 1 PHASE, 3 WIRE S.N. 100 AMP M.L.O.											
CIRCUIT DESCRIPTION	WATTS		A	P	WIRE SIZE	WIRE SIZE	A	P	WATTS		CIRCUIT DESCRIPTION
	A	B							A	B	
SALES AREA RECEPTACLES			20	1	12	1	2	12	20	1	LIGHTING
						3	4	40			HVAC
						5	6	2			" "
						7	8	20	1		SPARE
COLUMN QUADS						9	10				
ROOF RECEPTACLES			✓	✓	✓	11	12				
SPARE						13	14				
						15	16				
						17	18				
						19	20				
						21	22				
						23	24	✓	✓		
						25	26				
						27	28				
						29	30				
						31	32				
						33	34				
						35	36				
						37	38				
						39	40				
TOTAL WATTS "A"											
TOTAL WATTS "B"											
TOTAL											

PANELBOARD SCHEDULE											
PANEL M						LOCATION					
SERVICE 120/240 VOLTS 1 PHASE, 3 WIRE S.N. 400 AMP M.L.O.											
CIRCUIT DESCRIPTION	WATTS		A	P	WIRE SIZE	WIRE SIZE	A	P	WATTS		CIRCUIT DESCRIPTION
	A	B							A	B	
N. ROOM DISPLAY RECEPS			20	1	12	1	2	12	20	1	NORTH ROOM LIGHTING
						3	4				BACK AREA LIGHTING
						5	6				EAST ROOM LIGHTING
						7	8				EXTERIOR LIGHTS
						9	10				EAST RM COL RECEPS
OFFICE/BATH RECEPS						11	12				
BACK AREA RECEPTACLES						13	14	✓	✓		
						15	16	8	40		HVAC
						17	18	2			" "
SMALL ROOM DISPLAY RECEPS						19	20	8	40		HVAC
" "						21	22	2			" "
STORAGE RECEP						23	24	8	40		HVAC
" "						25	26	2			" "
EAST ROOM DISPLAY RECEPS						27	28	8	40		HVAC
						29	30	2			" "
						31	32	20	1		SPARE
						33	34				
						35	36				
						37	38				
						39	40				
ROOF RECEPTACLES			✓	✓	✓			✓	✓		
TOTAL WATTS "A"											
TOTAL WATTS "B"											
TOTAL											

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DATE: x-x-x  
 JOB #:  
 DWG. BY:  
 CHK. BY:  
 REVISIONS:

LIGHTING PLAN, SCHEDULES & DETAILS  
 FOR TULAROSA BASIN HISTORICAL SOCIETY

INTERIOR UPGRADE TO THE NEW PLAZA MUSEUM  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO, NEW MEXICO

# PHASE 5 SITE IMPROVEMENTS AT THE PLAZA MUSEUM 1004 N. WHITE SANDS BLVD. ALAMOGORDO, NEW MEXICO

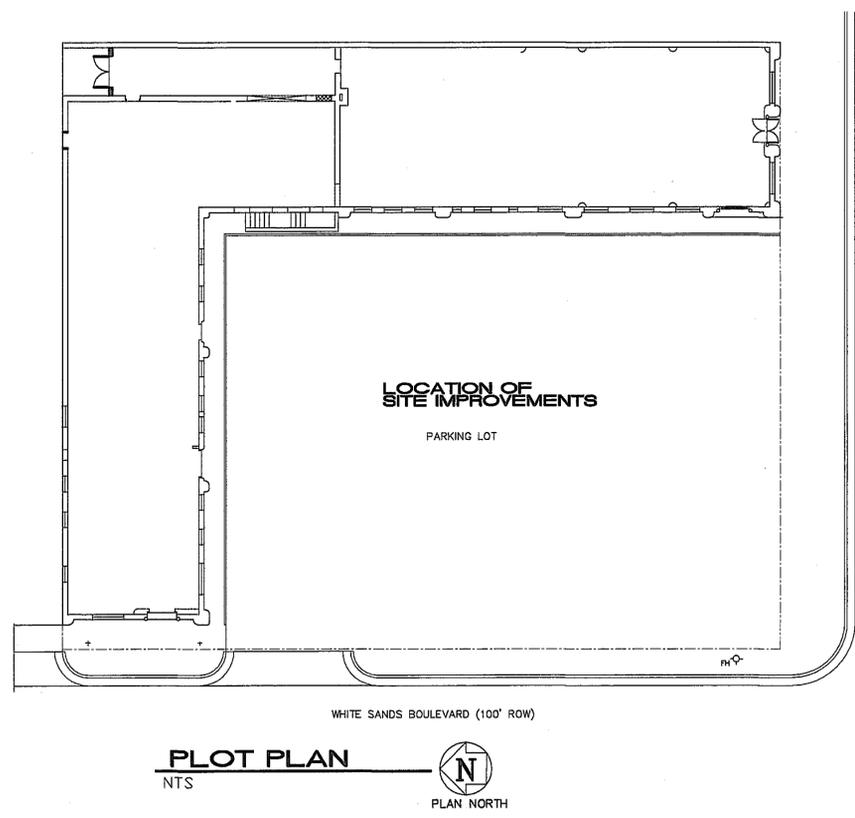
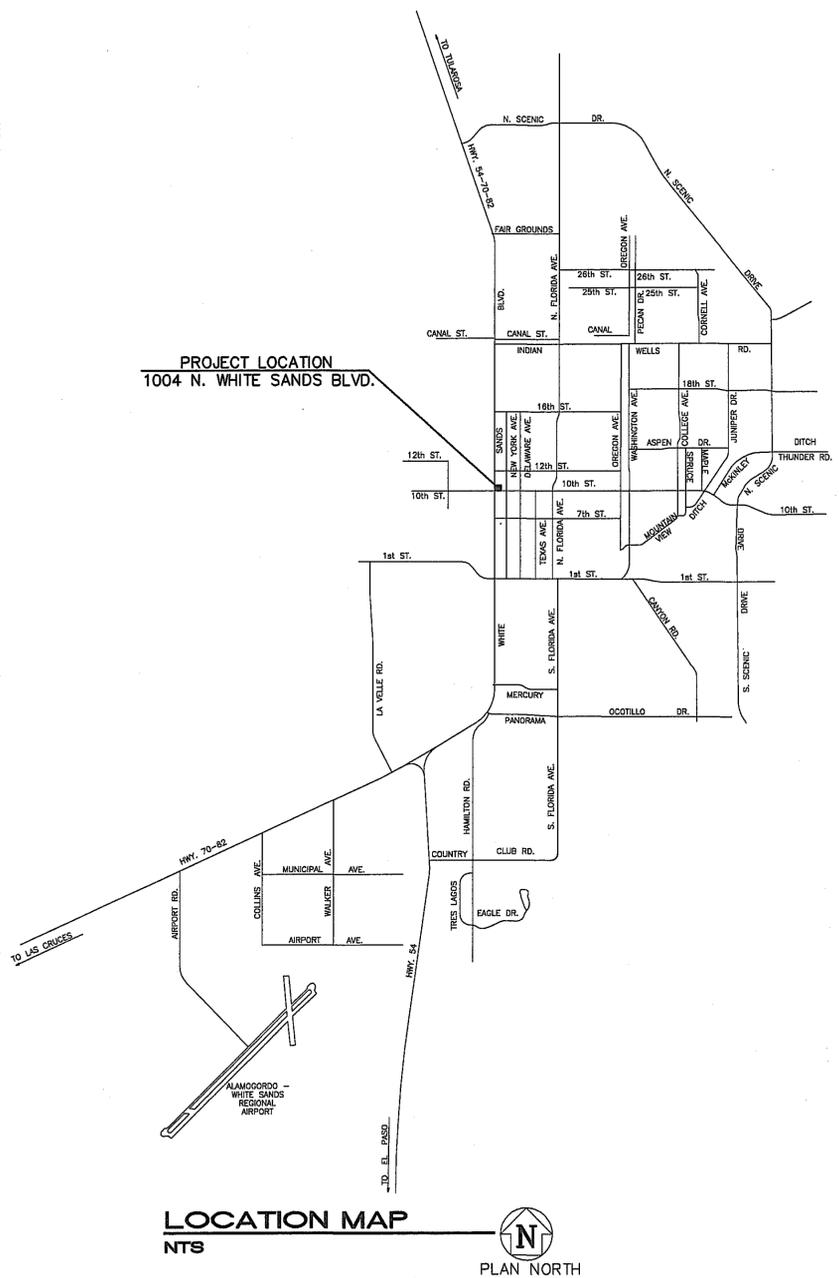
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DATE: 12/11/2013  
 JOB #: GT  
 DWG. BY: AB  
 CHK. BY:  
 REVISIONS:

COVER SHEET, LOCATION MAP + PROJECT DATA  
 FOR  
**TULAROSA BASIN HISTORICAL SOCIETY**

**PHASE 5 SITE IMPROVEMENTS TO THE PLAZA MUSEUM**  
 1004 N. WHITE SANDS BLVD.  
 ALAMOGORDO, NEW MEXICO



SHEET INDEX
G-1 COVER SHEET, LOCATION MAP, PROJECT DATA
C-1 SITE PLANS & DETAILS

PROJECT DATA	
<b>PROJECT DESCRIPTION:</b> THIS PROJECT CONSIST OF THE REMOVAL AND INSTALLATION OF NEW SITE CONCRETE PAVING, PARKING STRIPPING, UNDERGROUND ELECTRICAL CONDUIT (AND WIRE) AND NEW ACCESS RAMPS. ALL WORK WILL BE PERFORMED ON THE SITE ONLY.	
<b>BUILDING DATA:</b>	
<b>OCCUPANCY TYPE:</b>	A-3 MUSEUM
<b>CONSTRUCTION TYPE:</b>	V-A
<b>OVERALL BUILDING AREA:</b>	7,040 SF

