

## AMENDMENT NO. 3



**Date:** June 5, 2026

**Project:** **Anderson County  
AgriLife Training Facility**  
603 N. Sycamore St.  
Palestine, Texas 75801

**Bidder:** **To All Bidders**

**Owner:** **Anderson County**  
703 N. Mallard St., Suite 100  
Palestine, Texas 75801

**Architect:** **Jacob Scoggins**  
Architecture Underground Inc.  
Arlington, Texas 76001

**ASI No:** No. 2

The Contractor shall carry out the Work in accordance with the following supplemental instructions. This Addendum shall be included as an exhibit with the contract for construction.

### **Sheet A3.01**

1. Door type tags were revised to correspond with the door schedule.

### **Sheet A5.01**

1. The sheet was revised throughout to address various bidding RFI's.
2. The A/V system is now required to be a design / build system within the contract for construction based on the performance criteria noted on the sheet.
3. Additional clarification was provided on the motorized shades.

### **Sheet A10.03**

1. Section 08 14 00 – Wood Doors was updated to required 1 3/4" Solid Core doors with HDF facing.

### **Sheet S1.1**

1. Note 7 under "Pre-Engineered Metal Building" was revised to require that the metal building be constructed per the MBMA and AISC requirements rather than the fabricator being required to be an active member of the associations.

### **Sheet E2.1**

1. A 2" conduit for telecom was added from Storage 109 to the electrical pole in the right of way.
2. Wireless access points were added to the plan.
3. The electrical outlet for the A/V equipment was noted to be in the back of the upper cabinet rather than the ceiling.

### **Sheets C4.0 and C5.0**

1. The sidewalk around the HVAC units on the south side of the building was widened to account for the equipment.
2. The 2" telecom conduit noted in item 1 for sheet E2.1 was added to the plan.

Thank you,

**S. Jacob Scoggins, AIA**  
Architecture Underground Inc., Principal  
Jacob@arc--und.com

ARCHITECTURE UNDERGROUND, INC.  
Jacob@Arc-Und.Com (817) 965-0763

AMENDMENT NO. 3



Attachments

- Revised Sheet A3.01, dated 06-01-2026
- Revised Sheet A5.01, dated 06-01-2026
- Revised Sheet A10.03, dated 06-01-2026
- Revised Sheet S1.1, dated 06-01-2026
- Revised Sheet E2.1, dated 06-01-2026
- Revised Sheet C4.0, dated 06-01-2026
- Revised Sheet C5.0, dated 06-01-2026



06/01/26



S. JACOB SCOGGINS  
ARLINGTON, TEXAS  
817-965-0763

ANDERSON COUNTY  
AGRI LIFE FACILITY  
603 N SYCAMORE ST.  
PALESTINE, TX 75801



DATE: 02/13/2026

ISSUE:  
 ▲ CITY COMMENTS 03-09-2026  
 ▲ CITY COMMENTS 04-10-2026

FLOOR PLAN, RCP  
& DOOR  
SCHEDULE

A3.01

DOOR AND OPENING SCHEDULE

NO.	ROOM	SIZE	DOOR TYPE	DOOR ELEV	FRAME TYPE	FRAME ELEV	FIRE RATING	HARDWARE SCHEDULE
101A	VESTIBULE	(2) 3'-0" x 7'-0"	ASF	BB	ASF	2	-	● ● ● ●
101B	VESTIBULE	4'-0" x 8'-0"	CASED OPENING					● ● ● ●
102	ADA TOILET	3'-0" x 7'-0"	SC	A	MTL	1	-	● ● ● ●
103	TOILET	3'-0" x 7'-0"	SC	A	MTL	1	-	● ● ● ●
104	JANITOR	(2) 2'-0" x 7'-0"	SC	AA	MTL		-	● ● ● ●
105	TOILET	3'-0" x 7'-0"	SC	A	MTL	1	-	● ● ● ●
106	ADA TOILET	3'-0" x 7'-0"	SC	A	MTL	1	-	● ● ● ●
107A	WARMING KITCHEN	3'-0" x 7'-0"	SC	A	MTL		-	● ● ● ●
107B	WARMING KITCHEN	9'-0" x 4'-6"	OVERHEAD DOOR				-	● ● ● ●
108	FIRE RISER	3'-0" x 7'-0"	HM	A	HM	1	-	● ● ● ●
109	UTILITY	3'-0" x 7'-0"	SC	A	MTL		-	● ● ● ●
110	SOCIAL AREA	3'-0" x 7'-0"	HM	A	HM	1	-	● ● ● ●

GENERAL NOTES:  
 1. REFER TO THE EXTERIOR ELEVATIONS FOR EXTERIOR DOOR AND FRAME DESIGNS.  
 2. EXIT DEVICES SHALL COME WITH LOCKING LOCKSET ON OPPOSING SIDE OF DOOR.  
 NON-RATED SHALL HAVE "DOGGING."  
 3. ALL GLAZING IN DOOR AND FRAMES SHALL BE TEMPERED. EXTERIOR GLAZING SHALL BE INSULATED TO COMPLY WITH U-FACTOR AND SHGC PERFORMANCE ON SHEET G1.01.  
 4. ALL INTERIOR DOORS SHALL HAVE WALL STOPS.  
 DOOR MATERIAL: SC - SOLID CORE, HM - HOLLOW/PRESSED METAL, ASF - ALUMINUM STOREFRONT  
 DOOR/FRAME MATERIAL: MTL - TIMELY 9-PIECE METAL FRAME, HM - HOLLOW/PRESSED METAL, ASF - ALUMINUM STOREFRONT

GENERAL FLOOR PLAN NOTES

- ALL DIMENSIONS ARE TO FINISH FACE OF STUD, MASONRY OR EDGE OF FOUNDATION, U.O.N.
- GYPSON BOARD WALLS AND CEILINGS SHALL BE TEXTURED WITH A LEVEL 4 LIGHT ORANGE PEEL FINISH. SAMPLES SHALL BE PROVIDED FOR THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK.
- PROVIDE SOLID 2X FRT WOOD BLOCKING FOR ALL ITEMS OR EQUIPMENT FASTENING INTO DRYWALL PARTITIONS.
- REFER TO SHEET G2.01 & G2.02 FOR ACCESSIBILITY REQUIREMENTS INCLUDING CLEAR FLOOR SPACE, EQUIPMENT MOUNTING HEIGHTS, CABINET CLEARANCES, ETC... THAT MUST BE MAINTAINED TO COMPLY WITH ACCESSIBILITY REQUIREMENTS. ALL PUBLIC USE DOORS SHALL HAVE ACCESSIBLE CLEAR SPACE(S).

RCP LEGEND

SYMBOL	DESCRIPTION
○	LED DOWNLIGHT
⊕	DIMMABLE PENDANT CYLINDER
⊕	SCONCE LIGHT
□	UTILITY LIGHT
⊕⊕⊕	SURFACE VANITY LIGHT
⊕	EXIT SIGN
□	SURFACE MOUNT LED

RCP NOTES

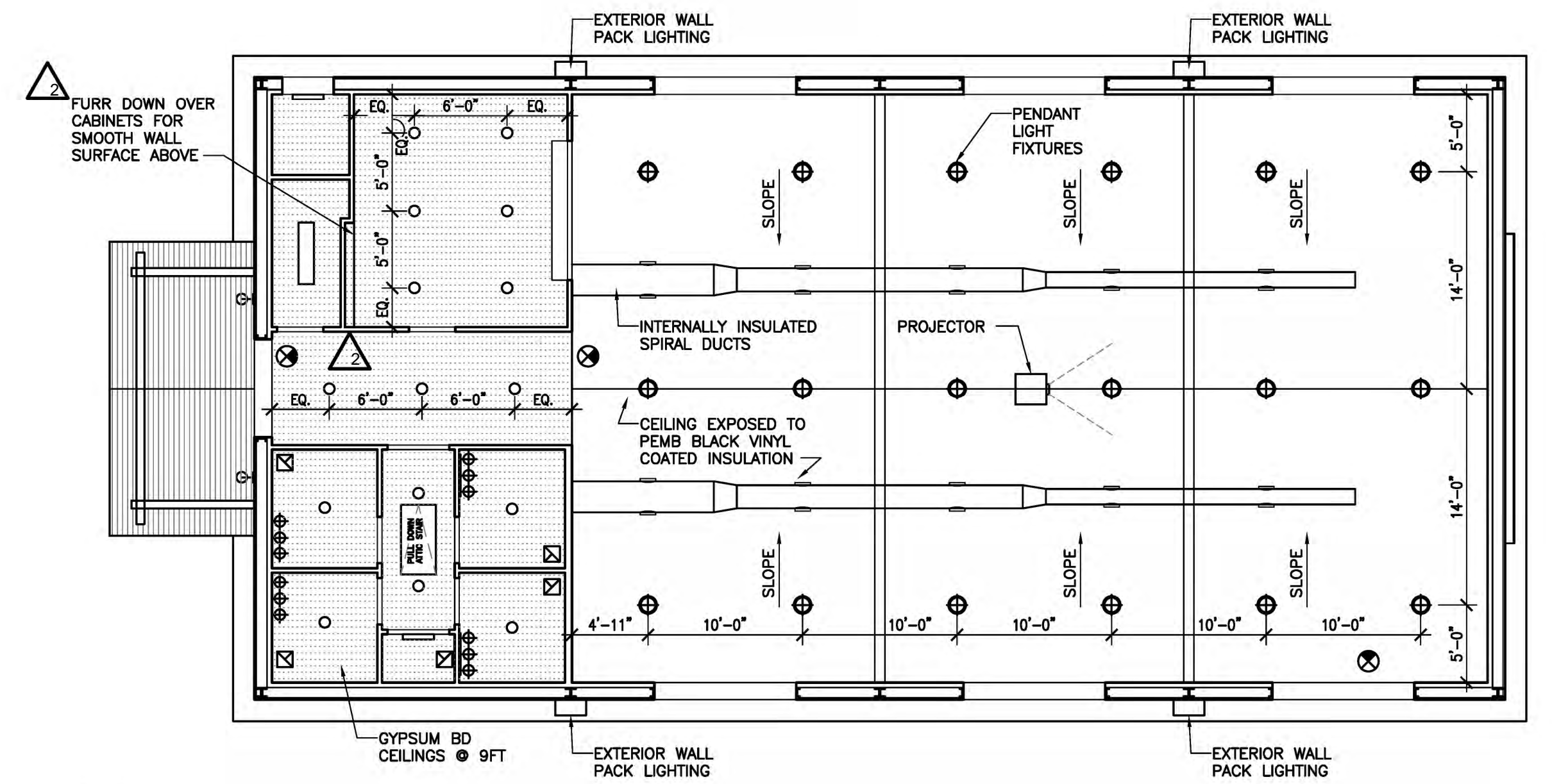
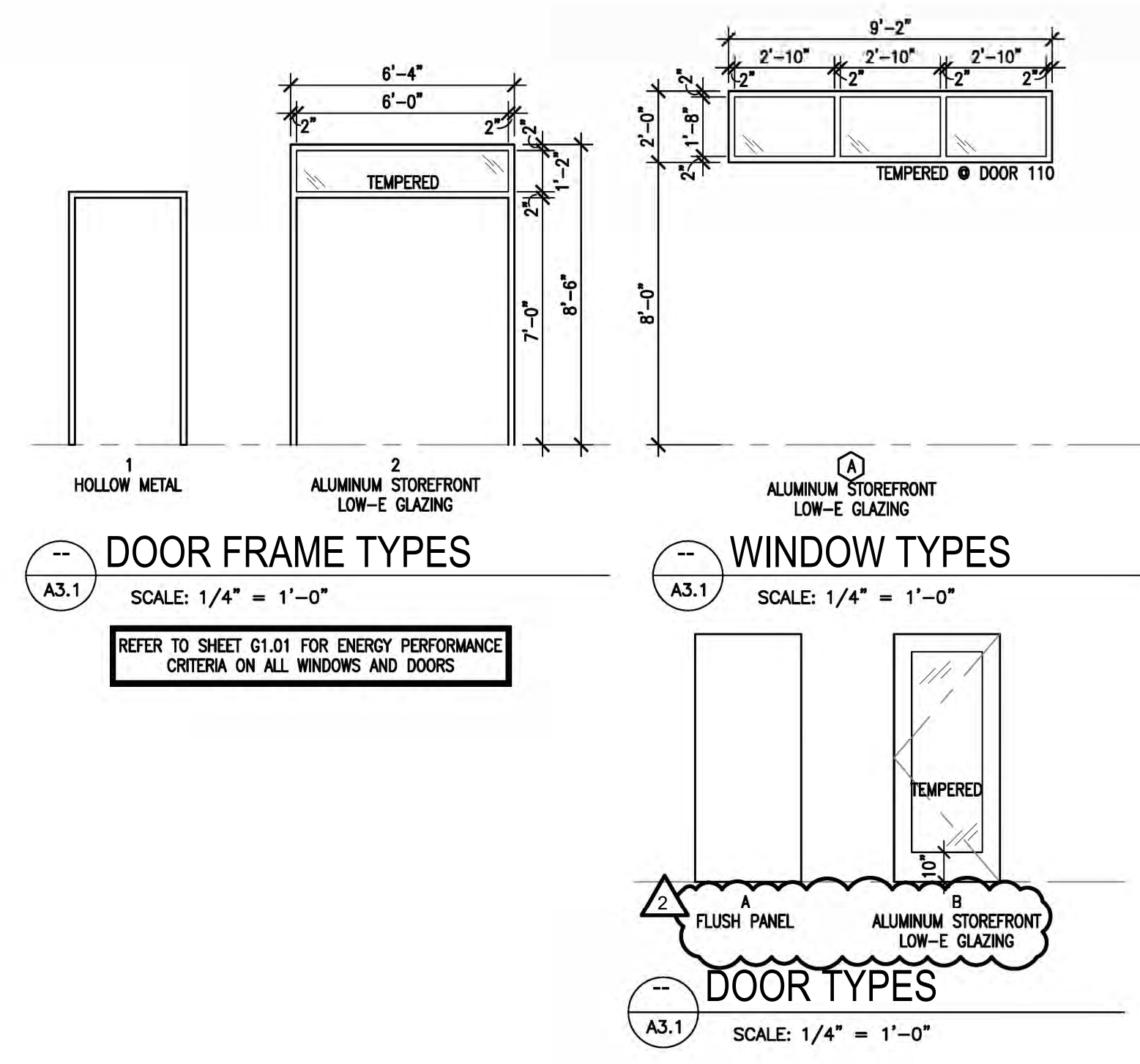
- THE CONTRACTOR SHALL FIELD COORDINATE FINAL LOCATIONS OF ALL LIGHTING, DUCTWORK, PLUMBING, ETC TO ADHERE TO THE DESIGN INTENT SHOWN ON THE PLANS. REQUIRED ADJUSTMENTS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR DIRECTION.
- HVAC DIFFUSERS SHALL BE ORGANIZED AND CENTER ON LIGHT FIXTURES AS DEPICTED ON THE PLANS.
- EXIT SIGNS SHALL BE FIELD ADJUSTED AS REQUIRED TO ENSURE A CLEAR AND UNOBSTRUCTED VIEW OF FROM ALL POINTS IN THE BUILDING.
- REFER TO THE ELECTRICAL PLANS FOR ALL EMERGENCY LIGHTING. COORDINATE FINAL LOCATIONS WITH ARTWORK AND OTHER FURNISHING.

CLEAR FLOOR LEGEND

①	60" TURNING DIAMETER
②	1" TURNING SPACE
③	60"x54" CLEAR FLOOR SPACE
④	36"x48" CLEAR FLOOR SPACE
⑤	48"x60" CLEAR FLOOR SPACE
⑥	30"x48" CLEAR FLOOR SPACE
⑦	60"x56" CLEAR FLOOR SPACE

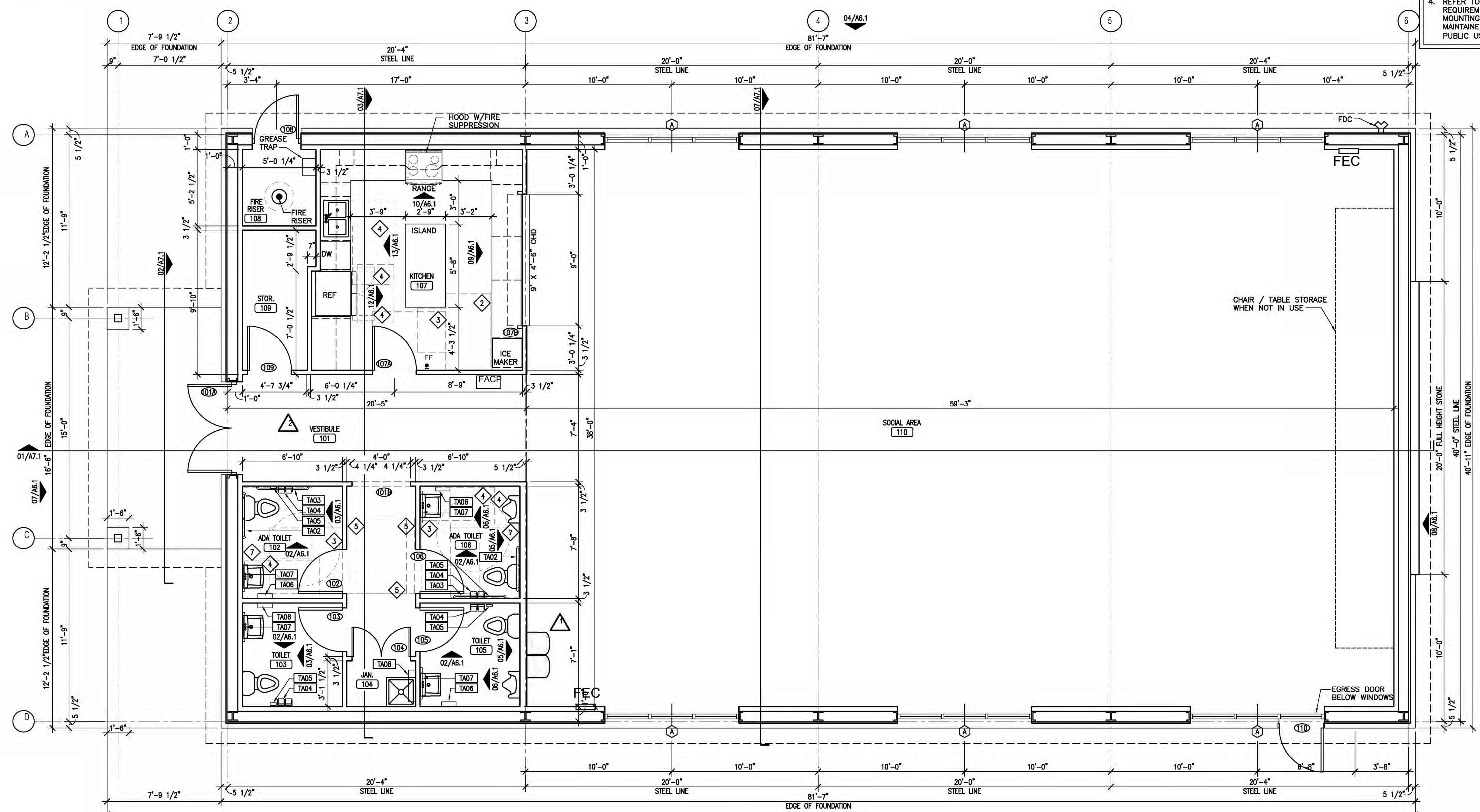
TOILET ACCESSORIES

TA01	WASTE RECEPTACLE
TA02	36" GRAB BAR
TA03	42" GRAB BAR
TA04	TOILET TISSUE HOLDER - DOUBLE
TA05	SANITARY NAPKIN DISPOSAL UNIT
TA06	PAPER TOWEL DISPENSER (SHORT)
TA07	FRAMED MIRROR (24X36)
TA08	MOP AND BROOM HOLDER



05 REFLECTED CEILING PLAN

A3.01 SCALE: 1/8" = 1'-0"



01 FLOOR PLAN

A3.01 SCALE: 1/4" = 1'-0"

89'-4 1/2" OVERALL BUILDING

AV SYSTEM PERFORMANCE SPEC / DESIGN CRITERIA

DESIGN INTENT:

1. THE GENERAL CONTRACTOR SHALL INCLUDE IN THEIR SCOPE A/V DESIGN SERVICES THROUGH THEIR PREFERRED VENDOR TO PREPARE A FULL AND COMPLETE SYSTEM THAT COMPLIES WITH THE REQUIREMENTS NOTED BELOW.
2. THE CONTRACTOR SHALL PROVIDE SYSTEM COMPONENTS THAT ARE OF COMMERCIAL GRADE CONSTRUCTION. ALL MANUFACTURERS USED SHALL BE WIDELY KNOWN FOR THEIR INTENDED USE (I.E. BRAND NAME JBL, PANASONIC, LG, SONY, ETC.).
3. THE CONTRACTOR SHALL PROVIDE A CLEAR LINE ITEM IN THEIR BID SHOWING THE TOTAL COST ASSOCIATED TO THE AUDIO / VISUAL SYSTEM WITH A REASONABLE BREAKDOWN OF EQUIPMENT TO BE PROVIDED.

OPERATIONAL CRITERIA:

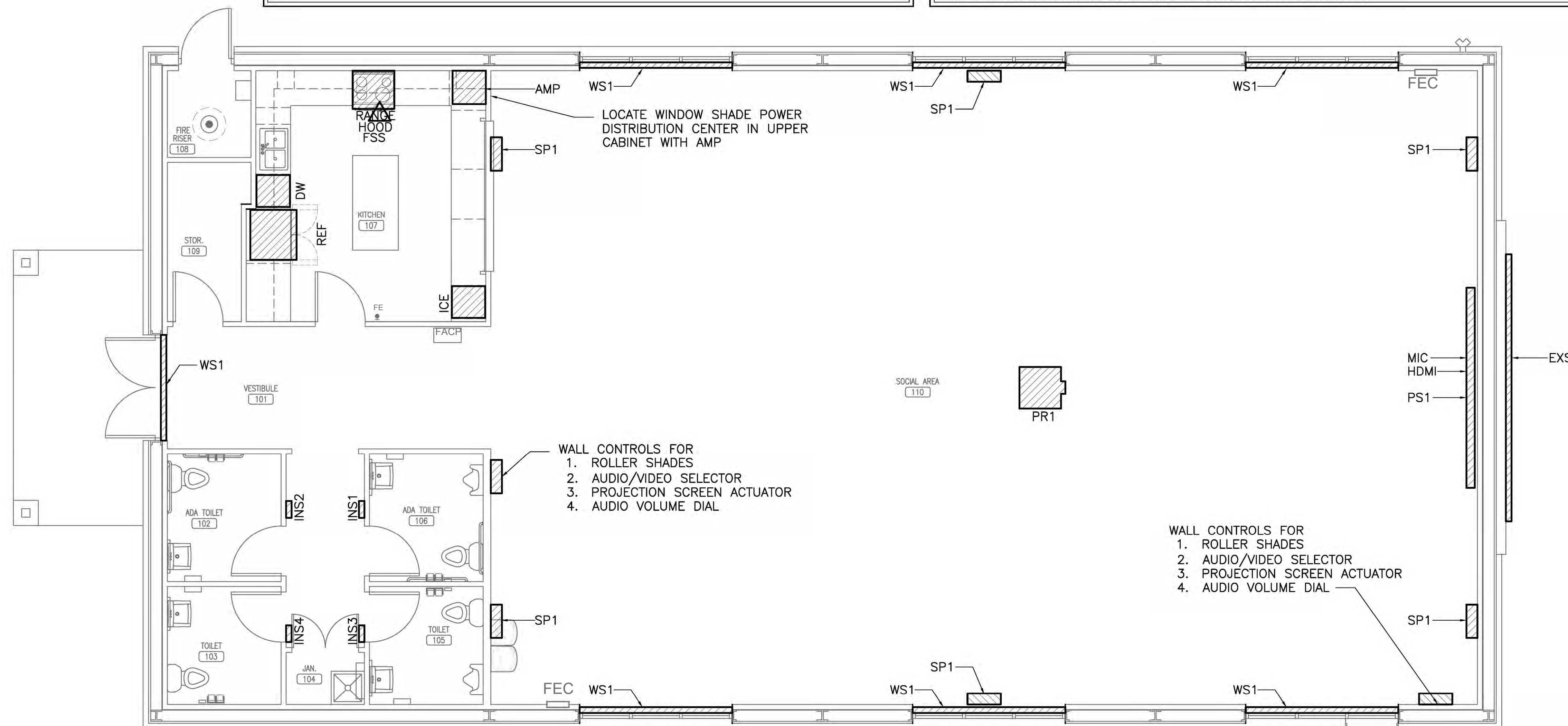
1. AUDIO/VIDEO SYNCHRONIZATION  
THE PROJECTION SYSTEM (OR PRIMARY DISPLAY) AND AUDIO SYSTEM SHALL BE FULLY INTERCONNECTED SO THAT AUDIO REPRODUCED THROUGH THE SPEAKERS IS SYNCHRONIZED WITH THE VIDEO SOURCE BEING DISPLAYED.
2. MICROPHONE MIXING OVER PROGRAM AUDIO  
THE AUDIO SYSTEM SHALL ALLOW ONE OR MORE MICROPHONES (WIRED OR WIRELESS) TO BE MIXED OVER THE PROGRAM AUDIO FROM ANY ACTIVE VIDEO SOURCE. THE MICROPHONE SIGNAL SHALL BE CLEARLY INTELLIGIBLE WHILE THE VIDEO AUDIO REMAINS AUDIBLE IN THE BACKGROUND IF DESIRED.
3. USER-FRIENDLY VIDEO SOURCE SELECTION  
INTUITIVE WALL-MOUNTED CONTROLS (PUSH-BUTTON SELECTOR OR ROTARY DIAL) SHALL BE PROVIDED AT THE LOCATIONS INDICATED ON THE DRAWINGS. THESE CONTROLS SHALL ENABLE USERS WITH MINIMAL A/V KNOWLEDGE TO EASILY SWITCH BETWEEN VIDEO INPUT SOURCES.
4. INDEPENDENT VOLUME CONTROL  
A DEDICATED WALL-MOUNTED VOLUME CONTROL SHALL BE INSTALLED ADJACENT TO THE VIDEO SOURCE SELECTOR. THIS CONTROL SHALL ALLOW INDEPENDENT ADJUSTMENT OF THE MICROPHONE VOLUME AND PROGRAM (VIDEO) AUDIO VOLUME.
5. MICROPHONE CAPABILITY  
THE AUDIO SYSTEM SHALL SUPPORT A MINIMUM OF FOUR (4) WIRELESS MICROPHONES AND ONE (1) WIRED MICROPHONE SIMULTANEOUSLY. THE CONTRACTOR SHALL FURNISH AND INSTALL, AT SUBSTANTIAL COMPLETION, ONE (1) WIRELESS HANDHELD MICROPHONE AND ONE (1) WIRELESS LAVALIER MICROPHONE, COMPLETE WITH NECESSARY CHARGERS, BATTERIES, AND ACCESSORIES.
5. PROJECTION SCREEN FUNCTIONS  
A WALL-MOUNTED SWITCH ADJACENT TO THE VIDEO SELECTOR AND AUDIO DIALS SHALL BE PROVIDED TO RAISE AND LOWER THE PROJECTION SCREEN.
6. HDMI AND VGA WALL INPUTS  
WALL-MOUNTED INPUT PLATES SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE DRAWINGS. EACH PLATE SHALL INCLUDE:  
ONE (1) HDMI INPUT,  
ONE (1) VGA INPUT WITH ASSOCIATED 3.5MM STEREO AUDIO INPUT,  
A CLEARLY LABELED POWER OUTLET (IF SHOWN ON THE PLANS).  
THESE INPUTS SHALL BE FULLY INTEGRATED WITH THE VIDEO SWITCHING SYSTEM AND SHALL APPEAR AS SELECTABLE SOURCES VIA THE WALL-MOUNTED VIDEO SELECTOR. THE SYSTEM SHALL AUTOMATICALLY DETECT AND SWITCH TO THE CONNECTED SOURCE WHEN ACTIVATED, OR ALLOW MANUAL SELECTION. INPUT PLATES SHALL BE INSTALLED AT STANDARD ADA-COMPLIANT HEIGHT AND FINISHED TO MATCH THE ROOM AESTHETICS.

EQUIPMENT & FURNISHING SCHEDULES

AUDIO / VISUAL EQUIPMENT				
TAG	DESCRIPTION	MANUFACTURER	MODEL	NOTES BY #
AMP	AMPLIFIER	PER GC VENDOR	PER GC VENDOR	1
PR1	PROJECTOR	PANASONIC	PT-FRZ50WU	
PS1	PROJECTION SCREEN (WALL MOUNTED)	ELITE SCREENS	STARLING TAB-TENSION 2 (120")	2
SP1	RECESSED WALL SPEAKER	PER GC VENDOR	PER GC VENDOR	
HDMI	HDMI/VGA WALL JACK	PER GC VENDOR	PER GC VENDOR	
MIC	MICROPHONE JACK	PER GC VENDOR	PER GC VENDOR	
KITCHEN APPLIANCES				
TAG	DESCRIPTION	MANUFACTURER	MODEL	NOTES BY #
RANGE	DROP-IN RANGE	GE	JD630SFSS	
HOOD	RECIRCULATING HOOD	GE	JVX5300S/JSS	
FSS	FIRE SUPPRESSION SYSTEM	GSSI	GUARDIAN III - MODEL G300-A	3
DW	DISHWASHER	GE	GDT225SSLSS	
REF	REFRIGERATOR	GE	GNE27JYMF5	
ICE	ICE MACHINE	SUMMIT	BIM26H32	
FIXTURES / FURNISHING				
TAG	DESCRIPTION	MANUFACTURER	MODEL	NOTES BY #
WS1	BLACKOUT WINDOW SHADES	SMARTWINGS	HARDWIRED BLACKOUT SHADES (MOTORIZED)	4
SIGNAGE				
TAG	DESCRIPTION	MANUFACTURER	MODEL	NOTES BY #
EXS-1	PIN-MOUNTED SIGNAGE	CUSTOM	REFER TO SHEET A6.01	5
INS-1	SURFACE-MOUNTED SIGNAGE	ADA SIGN DEPOT	BAL-1012	6
INS-2	SURFACE-MOUNTED SIGNAGE	ADA SIGN DEPOT	BAL-1013	6
INS-3	SURFACE-MOUNTED SIGNAGE	ADA SIGN DEPOT	BAL-1016	
INS-4	SURFACE-MOUNTED SIGNAGE	ADA SIGN DEPOT	BAL-1017	

GENERAL NOTES:

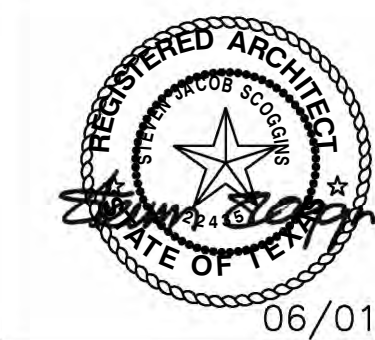
1. THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT NOTED ABOVE. ALL SYSTEMS SHALL BE COMPLETE AND FULLY FUNCTIONAL UPON COMPLETION OF THE PROJECT. DESIGN AND INSTALLATION REQUIREMENTS TO ACHIEVE A COMPLETE SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR UNDER THE CONSTRUCTION CONTRACT. ANY WIRING, DEVICES, ADDITIONAL RECEPTACLES, MOUNTING BRACKETS, BLOCKING, ETC SHALL BE INCORPORATED INTO THE CONSTRUCTION BID.
  2. ALTERNATE SELECTIONS MAY BE PROPOSED PROVIDED THEY ARE SIMILAR IN QUALITY AND FUNCTIONALITY.
  3. SUBMITTALS SHALL BE PROVIDED TO THE CLIENT BEFORE PURCHASING OF ANY MATERIAL.
- NOTES BY NUMBER:
1. PROVIDE WALL DIAL TO CONTROL VOLUME AND VIDEO SELECTOR WHERE SHOWN ON THE FLOOR PLAN.
  2. PROVIDE WALL MOUNTED BUTTON FOR SCREEN ACTUATOR WHERE SHOWN ON PLAN.
  3. FIRE SUPPRESSION SYSTEM SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM. PROVIDE PULL NEAR ENTRY DOOR TO KITCHEN.
  4. LOCATE A 9 OUTPUT DC POWER DISTRIBUTION PANEL IN THE UPPER CABINET WITHIN THE KITCHEN THAT HOLDS THE A/V EQUIPMENT. PROVIDE TAPTECH SINGLE WALL SWITCHES (QTY: 2) WHERE SHOWN ON PLANS TO CONTROL MOTORIZED WINDOW SHADES.
  5. EXTERIOR SIGNAGE SHALL BE ALUMINUM PIN-MOUNTED LETTERS. COORDINATE EXACT WORDING, FONT, AND DESIGN WITH OWNER BEFORE INSTALLATION.
  6. ADA WALL SIGN. REFER TO SHEETS G2.02 FOR ADDITIONAL MOUNTING INFORMATION.



01 AV PLAN AND CONTRACTOR FF&E PLAN  
A5.01 SCALE: 1/4" = 1'-0"



ANDERSON COUNTY  
AGRILIFE FACILITY  
603 N SYCAMORE ST.  
PALESTINE, TX 75801



DATE: 02/13/2026

ISSUE:  
 ▲ CITY COMMENTS 04-10-2026  
 ▲ BID RFI RESPONSES 06-01-2026

A/V PLAN & CONTRACTOR FF&E

A5.01

- SECTION 08 12 00  
METAL FRAMES
- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. PREFINISHED KERFED DOOR FRAMES FOR INTERIOR DOORS,
- 1.02 REFERENCES
- A. ASTM A366 STANDARD SPECIFICATION FOR COMMERCIAL STEEL (CS) SHEET, CARBON (0.15 MAXIMUM PERCENT) COLD-ROLLED
- 1.03 SUBMITTALS
- A. COMPLY WITH SECTION 01 30 00 FOR SUBMITTAL PROCEDURES.
- 1.04 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: INSTALLER EXPERIENCED IN PERFORMING WORK OF THIS SECTION FOR NO LESS THAN 5 YEARS.
- B. REGULATORY REQUIREMENTS: FIRE-RATED STEEL FRAMES SHALL BE OF TYPES TESTED AND APPROVED BY INTERTEK TESTING SERVICES.
- 1.05 DELIVERY, STORAGE & HANDLING
- C. DELIVERY: DELIVER MATERIALS IN MANUFACTURER'S ORIGINAL, UNOPENED, UNDAMAGED CONTAINERS WITH IDENTIFICATION LABELS INTACT.
- D. STORAGE AND PROTECTION: STORE MATERIAL IN A PROTECTED AREA, UNDER COVER, ON WOODEN SKIDS AND KEEP MATERIAL VENTED TO AVOID CONDENSATION UNTIL READY FOR INSTALLATION.
- 1.06 PROJECT CONDITIONS
- A. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS/OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION.
- 1.07 WARRANTY
- A. PROVIDE THE MANUFACTURER'S STANDARD WARRANTY FOR A PERIOD OF NO LESS THAN 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
- PART 2 PRODUCTS
- 2.01 STEEL DOOR FRAMES
- A. MANUFACTURER:
1. TIMELY INDUSTRIES
  2. APPROVED EQUAL
- 2.03 MATERIALS
- A. FRAMES
1. FRAME MATERIAL: HOT DIPPED GALVANIZED STEEL, FOR INTERIOR FRAMES IN NORMAL ATMOSPHERIC EXPOSURES.
  2. FRAME THROAT OPENING: AS SHOWN ON PLAN DETAILS TO SUIT FINISHED WALL THICKNESS.
  3. FRAME PROFILE: UNEQUAL RABBIT PROFILE, STANDARD WITH MANUFACTURER CK SERIES, 1.2 MM (18 GAUGE) THICK, WITH KERF FOR DOOR SEAL/GASKET
  4. CASINGS: WOOD TRIM TO BE APPLIED OVER JAMB.
- B. FRAME REINFORCEMENT AND ACCESSORIES
1. TA-10 - REGULAR ARM CLOSERS, CASING MOUNTED COORDINATORS
  2. TA-12 - PARALLEL ARM CLOSERS, RIM EXIT DEVICE STRIKES, OTHER STOP MOUNTED SURFACE HARDWARE
  3. TA-12K - FOR CK FRAME, PARALLEL ARM CLOSERS, RIM EXIT DEVICE STRIKES, OTHER STOP MOUNTED SURFACE HARDWARE
  4. PROVIDE HINGE REINFORCEMENT (TA-11) OF 14 GAUGE STEEL. PIERCED TO CREATE DEPTH OF THREAD FOR HINGE SCREWS.
  5. WEATHERSTRIP/SMOKE GASKET/SILENCER: TA-46 (QDSS00) 90 MINUTE RATED GASKET.
- 2.05 FABRICATION
- A. OPENINGS FOR SINGLE SWING, PAIR, BORROWED LIGHT AND SIDELIGHT FRAMES TO BE PRE-CUT, NOTCHED AND FABRICATED AT THE MANUFACTURER'S FACILITY.
- B. PROVIDE MINIMUM 14 GAUGE HINGE REINFORCEMENT PLATE TAPPED FOR MACHINE SCREWS SUPPLIED WITH HINGES. HINGE PLATE TO BE MECHANICALLY ATTACHED TO HINGE EMBOS ON FRAME.
- C. CASING CLIPS: FABRICATE FRAMES WITH FACTORY APPLIED, HEAT TREATED CLIPS TO ENSURE NO DEFLECTION IN THE CLIP UPON APPLICATION OR REMOVAL OF CASING. ATTACHMENT CLIPS MAY NOT BE OF SAME MATERIAL AS FRAME
- D. PROVIDE NOTCHES, TABS AND/OR STOPS FOR POSITIVE ALIGNMENT OF FRAME PARTS AT ALL CORNERS
- E. ATTACH APPROVED MYLAR LABEL TO EACH FIRE-RATED FRAME INDICATING FIRE RATING DETAILS
- F. FACTORY INSTALL TA-46 SMOKE GASKET ON ALL PREFINISHED, CK SERIES FRAMES. INSTALL WITH FACTORY MITERED CORNERS TO ENSURE ADEQUATE SEAL AND PLEASING APPEARANCE
- 2.06 FINISHES
- A. PREFINISHED STEEL WITH FACTORY APPLIED IMPACT RESISTANT, POLYURETHANE BAKED ENAMEL FINISH. THE ARCHITECT SHALL SELECT FROM THE MANUFACTURER'S STANDARD COLORS.
- PART 3 EXECUTION
- 3.01 EXAMINATION
- A. VERIFY THAT OPENING SIZES AND WALL THICKNESS ARE WITHIN TOLERANCES. VERIFY FINISHED WALLS ARE IN PLANE TO ENSURE PROPER DOOR ALIGNMENT.
- 3.02 INSTALLATION
- A. INSTALL FRAMES IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
- B. ANCHOR FRAMES WITH SCREWS LOCATED AT EVERY CASING CLIP OR EVERY 11" AS SHOWN ON MANUFACTURER'S INSTRUCTIONS. FIELD VERIFY QUANTITY AND LOCATION OF FASTENERS PRIOR TO INSTALLING CASING.
- C. INSTALL PREFINISHED FRAMES NEAR END OF THE PROJECT AFTER WALL PAINTING AND WALL COVERINGS.
- D. INSTALL FRAMES USING QUALIFIED INSTALLERS FAMILIAR WITH INSTALLATION OF PREFINISHED DRYWALL FRAMES.
- E. COORDINATE INSTALLATION OF FRAMES WITH INSTALLATION OF HARDWARE.

- SECTION 08 14 00  
WOOD DOORS
- PART 1 GENERAL
- 1.1 SUMMARY
- A. SECTION INCLUDES:
1. INTERIOR SOLID CORE WOOD DOORS.
- 1.2 SUBMITTALS
- A. SHOP DRAWINGS: ILLUSTRATE DOOR OPENING CRITERIA, ELEVATIONS, SIZES, TYPES, SWINGS, UNDERCUTS REQUIRED, AND SPECIAL BLOCKING FOR HARDWARE.
- B. PRODUCT DATA: INDICATE DOOR CORE MATERIALS AND CONSTRUCTION, FINISH TYPE AND CHARACTERISTICS.
- 1.3 QUALITY ASSURANCE
- A. FIRE RATED WOOD DOORS SHALL COMPLY WITH NFPA 80 THAT ARE UL LISTED ACCORDING TO UL 10C.
- 1.4 WARRANTY
- A. PROVIDE A 5 YEAR WARRANTY TO REQUIREMENTS OF GENERAL CONDITIONS.
- B. INCLUDE COVERAGE FOR DELAMINATION WARPING BEYOND SPECIFIED INSTALLATION TOLERANCES, DEFECTIVE MATERIALS, AND TELEGRAPHING CORE CONSTRUCTION.
- PART 2 PRODUCTS
- 2.1 MANUFACTURERS
- A. TRUODOOR
- B. MASONITE
- C. PLYGEM
- D. APPROVED EQUAL
- 2.2 DOOR CONSTRUCTION
- A. INTERIOR MOLDED PANEL DOORS (SOLID CORE):
1. BASIS OF DESIGN: PAINT GRADE PRIMED MDF SOLID CORE WOOD DOOR BY TRUODOOR.
  2. CORE: PARTICLEBOARD CORE
  3. SURFACE MATERIAL: TEMPERED HARDBOARD (HDF).
  4. HORIZONTAL EDGES: STRUCTURAL COMPOSITE LUMBER.
  5. VERTICAL EDGES: FINGER-JOINTED SOFTWOOD.
  6. FINISH: PRIMED WHITE AND PAINT READY.
  7. UNDERCUT: 3/4" STANDARD.
  8. THICKNESS: 1 3/4" FINISHED DIMENSION
  9. FIRE RATED DOORS: PROVIDE MINERAL CORE TO ACHIEVE SCHEDULED FIRE RATING.
- 2.3 FABRICATION
- A. FABRICATE NON-RATED DOORS TO AWI REQUIREMENTS.
- B. PROVIDE LOCK BLOCKS AT LOCK EDGE AND TOP OF DOOR FOR CLOSER, WHEN SCHEDULED, FOR HARDWARE REINFORCEMENT
- C. FACTORY MACHINE DOORS FOR FINISH HARDWARE IN ACCORDANCE WITH HARDWARE REQUIREMENTS AND DIMENSIONS. DO NOT MACHINE FOR SURFACE HARDWARE. PROVIDE SOLID BLOCKING FOR THROUGH BOLTED HARDWARE.
- D. FACTORY PRE-FIT DOORS FOR FRAME OPENING DIMENSIONS IDENTIFIED ON SHOP DRAWINGS.
- E. FACTORY CUT OPENINGS FOR VISION PANELS AS DETAILED ON THE DRAWINGS.
- 2.4 FINISH
- A. FACTORY PRIMED WITH FIELD APPLIED PAINT.
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. INSTALL DOORS TO MANUFACTURER'S INSTRUCTIONS.
- B. MACHINE CUT FOR HARDWARE. CORE FOR HANDSETS AND CYLINDERS.
- C. COORDINATE INSTALLATION OF VISION PANEL GLASS AND GLAZING - NOTIFY ARCHITECT OF CONFLICTS WITH HARDWARE
- D. ADJUST DOOR FOR SMOOTH AND BALANCED DOOR MOVEMENT.
- 3.2 INSTALLATION TOLERANCES
- A. CONFORM TO MNDA REQUIREMENTS FOR FIT AND CLEARANCE TOLERANCES AND MAXIMUM DIAGONAL DISTORTION.

- SECTION 083313  
COILING COUNTER DOOR
- PART 1 GENERAL
- 1.01 SECTION INCLUDES
- A. WOOD COILING COUNTER DOORS.
- 1.02 REFERENCE STANDARDS
- A. ASTM A240/A240M - STANDARD SPECIFICATION FOR CHROMIUM AND CHROMIUM-NICKEL STAINLESS STEEL PLATE, SHEET, AND STRIP FOR PRESSURE VESSELS AND FOR GENERAL APPLICATIONS; 2023A.
- B. ITS (DIR) - DIRECTORY OF LISTED PRODUCTS; CURRENT EDITION.
- C. UL (DIR) - ONLINE CERTIFICATIONS DIRECTORY; CURRENT EDITION.
- D. DO NOT REQUEST SUBMITTALS IF DRAWINGS SUFFICIENTLY DESCRIBE THE PRODUCTS OF THIS SECTION OR IF PROPRIETARY SPECIFYING TECHNIQUES ARE USED. THE REVIEW OF SUBMITTALS INCREASES THE POSSIBILITY OF UNINTENDED VARIATIONS FROM CONTRACT DOCUMENTS, THEREBY INCREASING THE DESIGN PROFESSIONAL'S LIABILITY.
- 1.03 SUBMITTALS
- A. PRODUCT DATA: SUBMIT MANUFACTURER'S STANDARD LITERATURE SHOWING MATERIALS AND DETAILS OF CONSTRUCTION AND FINISH.
- B. SHOP DRAWINGS: INDICATE ROUGH AND ACTUAL OPENING DIMENSIONS, ANCHORAGE METHODS, HARDWARE LOCATIONS, AND INSTALLATION DETAILS.
- C. MANUFACTURER'S INSTRUCTIONS: INDICATE INSTALLATION SEQUENCE AND INSTALLATION, ADJUSTMENT, AND ALIGNMENT PROCEDURES.
- D. INSTALLER'S QUALIFICATION STATEMENT.
- E. OPERATION AND MAINTENANCE DATA: INDICATE MODES OF OPERATION, LUBRICATION REQUIREMENTS AND FREQUENCY, AND PERIODIC ADJUSTMENTS REQUIRED.
- F. SPECIMEN WARRANTY.
- 1.04 QUALITY ASSURANCE
- A. MANUFACTURER QUALIFICATIONS: COMPANY SPECIALIZING IN MANUFACTURING PRODUCTS SPECIFIED IN THIS SECTION WITH MINIMUM THREE.
- B. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING WORK OF TYPE SPECIFIED AND WITH MINIMUM THREE.
- 1.05 DELIVERY, STORAGE, AND HANDLING
- A. STORE PRODUCTS IN MANUFACTURER'S UNOPENED PACKAGING UNTIL READY FOR INSTALLATION.
- B. PROTECT MATERIALS FROM EXPOSURE TO MOISTURE.
- C. STORE MATERIALS IN DRY, WARM, VENTILATED, WEATHERTIGHT LOCATION.
- 1.06 WARRANTY
- A. MANUFACTURER WARRANTY: PROVIDE MANUFACTURER WARRANTY FOR COUNTERBALANCE SHAFT ASSEMBLY FOR YEARS INDICATED UNDER INDIVIDUAL DOORS. COMPLETE FORMS IN OWNER'S NAME AND REGISTER WITH MANUFACTURER.
- PART 2 PRODUCTS
- 2.01 MANUFACTURER
- A. OVERHEAD DOOR CORPORATION; WWW.OVERHEADDOR.COM; 1 (800) 929-3667.
- B. APPROVED EQUAL
- 2.02 WOOD COILING COUNTER DOORS
- A. OVERHEAD DOOR™ BRAND; MODEL 665.
1. SLATS: INTERLOCKING WOOD SLATS.
2. MOUNTING: SURFACE-MOUNTED ON SIDE INDICATED ON DRAWINGS.
3. CURTAIN MATERIAL: WOOD; ENDLOCKS ATTACHED TO ALTERNATE SLATS MAINTAIN CURTAIN ALIGNMENT AND PREVENT LATERAL SLAT MOVEMENT.
- a. SLAT PROFILE: << 1-3/4 INCHES (16 MM)>> HIGH BY << 1/2 INCH (13 MM)>> THICK.
- b. WOOD SPECIES: DOUGLAS FIR
- c. FINISH: STAIN TO MATCH CABINETS.
4. BOTTOM BAR: WOOD TO MATCH CURTAIN.
5. LOCKING OPTIONS TO INCLUDE: CYLINDER
6. SIDE GUIDES, CHANNELS: CONSTRUCTED OF WOOD TO MATCH CURTAIN.
7. BRACKETS: GALVANIZED STEEL TO SUPPORT COUNTERBALANCE ASSEMBLY AND CURTAIN, COVERED WITH WOOD TO MATCH CURTAIN.
8. COUNTERBALANCE ASSEMBLY: HELICAL-TORSION-SPRING TYPE, HOUSED IN STEEL TUBE OR PIPE BARREL AND SUPPORTING CURTAIN WITH DEFLECTION LIMITED TO << 0.03 INCH PER FOOT (2.5 MM PER M)>> OF SPAN; ADJUSTABLE SPRING TENSION REQUIRED.
9. HOOD: WOOD
10. MANUAL OPERATION: PUSH UP
- PART 3 EXECUTION
- 3.01 EXAMINATION
- A. VERIFY ADJACENT CONSTRUCTION IS SUITABLE FOR DOOR INSTALLATION.
- B. VERIFY ELECTRICAL SERVICES HAVE BEEN INSTALLED AND ARE ACCESSIBLE.
- C. VERIFY DOOR OPENING IS PLUMB, HEADER IS LEVEL, AND DIMENSIONS ARE CORRECT.
- D. NOTIFY ARCHITECT OF UNACCEPTABLE CONDITIONS OR VARYING DIMENSIONS.
- E. COMMENCEMENT OF INSTALLATION INDICATES ACCEPTANCE OF SUBSTRATE AND DOOR OPENING CONDITIONS.
- 3.02 INSTALLATION
- A. INSTALL UNITS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. USE ANCHORAGE DEVICES TO SECURELY FASTEN ASSEMBLY TO WALL, CONSTRUCTION AND BUILDING FRAMING WITHOUT DISTORTION OR STRESS.
- C. SECURELY AND RIGIDLY BRACE COMPONENTS SUSPENDED FROM STRUCTURE.
- D. FIT AND ALIGN ASSEMBLY INCLUDING HARDWARE; LEVEL AND PLUMB TO PROVIDE SMOOTH OPERATION.
- E. COORDINATE INSTALLATION OF ELECTRICAL SERVICE.
- F. COMPLETE WIRING FROM DISCONNECT TO UNIT COMPONENTS.
- G. INSTALL PERIMETER TRIM AS SHOWN ON DRAWINGS.
- 3.03 ADJUSTING
- A. ADJUST OPERATING ASSEMBLIES FOR SMOOTH AND NOISELESS OPERATION.
- 3.04 CLEANING
- A. CLEAN INSTALLED COMPONENTS.
- B. REMOVE LABELS AND VISIBLE MARKINGS.
- C. END OF SECTION

- SECTION 08 41 13  
ALUMINUM ENTRANCES AND STOREFRONTS
- PART 1 GENERAL
- 1.1 SECTION INCLUDES:
- A. STOREFRONT WINDOW AND DOOR SYSTEMS.
- 1.2 ACTION SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT, INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR ALL-GLASS SYSTEM.
- B. SHOP DRAWINGS: FOR ALL-GLASS ENTRANCES AND STOREFRONTS.
1. INCLUDE PLANS, ELEVATIONS, SECTIONS AND DETAILS TO FULLY CONVEY THE INSTALLATION REQUIREMENTS.
  2. DOOR HARDWARE LOCATIONS, MOUNTING HEIGHTS, AND INSTALLATION REQUIREMENTS.
  3. DELEGATED DESIGN - WHERE REQUIRED, THE CONTRACTOR SHALL ENGAGE A QUALIFIED PROFESSIONAL ENGINEER TO DESIGN ALL-GLASS ENTRANCES AND STOREFRONTS.
- C. ENTRANCE DOOR HARDWARE SCHEDULE: PREPARED BY OR UNDER SUPERVISION OF SUPPLIER, DETAILING FABRICATION AND ASSEMBLY OF ENTRANCE DOOR HARDWARE, AS WELL AS PROCEDURES AND DIAGRAMS.
- D. SAMPLE WARRANTY: FOR WARRANTY.
- 1.4 QUALITY ASSURANCE: INSTALLER QUALIFICATIONS: MANUFACTURER/MANUFACTURER'S AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED FOR INSTALLATION OF UNITS REQUIRED FOR THIS PROJECT.
- 1.5 WARRANTY: CONTRACTOR AGREES TO REPAIR OR REPLACE COMPONENTS OF ALL-GLASS SYSTEMS THAT DO NOT COMPLY WITH REQUIREMENTS OR THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD OF TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- PART 2 - PRODUCTS
- 2.1 MANUFACTURERS
- A. KAWNEER
- B. APPROVED EQUIVALENT
- 2.2 PRODUCTS
- A. BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T OR 601T SYSTEMS AS SHOWN ON SCHEDULE
1. 2 INCH X 4 1/2 INCH NOMINAL DIMENSION. (451T)
  2. 2 INCH X 6 INCH NOMINAL DIMENSION (601T)
  3. FRONT GLAZED
  4. SCREW SPLINE, SHEAR BLOCK, STICK OR PUNCHED OPENING.
- B. SWINGING ENTRANCE DOORS: KAWNEER 350 SWING DOOR
1. MEDIUM STILE W/10" BOTTOM RAIL PER ADA - HIGH TRAFFIC
  2. VERTICAL FACE DIMENSION: 3 1/2" X 1 3/4"
- DEPTH: 2.4 MATERIALS
- A. ALUMINUM EXTRUSIONS: ALLOY AND TEMPER RECOMMENDED BY ALUMINUM STOREFRONT MANUFACTURER FOR STRENGTH, CORROSION RESISTANCE, AND APPLICATION OF REQUIRED FINISH. NOT LESS THAN 0.070" (1.8 MM) WALL THICKNESS AT ANY LOCATION. COMPLETE FORMS IN OWNER'S NAME WITH ASTM B221: 6063-T6 ALLOY AND TEMPER
- B. FASTENERS: NONMAGNETIC STAINLESS STEEL OR OTHER MATERIALS MUST BE NON-CORROSIVE AND COMPATIBLE WITH ALUMINUM MEMBERS, TRIM HARDWARE, ANCHORS, CLIPS, AND ACCESSORIES SHALL PROVIDE SUFFICIENT STRENGTH TO WITHSTAND THE DESIGN PRESSURE INDICATED.
- C. ANCHORS, CLIPS, AND ACCESSORIES: ALUMINUM, NONMAGNETIC STAINLESS STEEL, OR ZINC-COATED STEEL OR IRON COMPLYING WITH ASTM B 633 FOR SC 3 SEVERE SERVICE CONDITIONS OR OTHER SUITABLE ZINC COATING. ANCHORS, CLIPS, AND ACCESSORIES SHALL PROVIDE SUFFICIENT STRENGTH TO WITHSTAND THE DESIGN PRESSURE INDICATED.
- D. REINFORCING MEMBERS: ALUMINUM, NONMAGNETIC STAINLESS STEEL, OR NICKEL/CHROME-PLATED STEEL COMPLYING WITH ASTM B 456 FOR TYPE SC 3 SEVERE SERVICE CONDITIONS, OR ZINC-COATED STEEL OR IRON COMPLYING WITH ASTM B 633 FOR SC 3 SEVERE SERVICE CONDITIONS OR OTHER SUITABLE ZINC COATING. REINFORCING MEMBERS MUST PROVIDE SUFFICIENT STRENGTH TO WITHSTAND THE DESIGN PRESSURE INDICATED.
- E. SEALANT: FOR SEALANTS REQUIRED WITHIN FABRICATED STOREFRONT SYSTEM, PROVIDE PERMANENTLY ELASTIC, NON-SHRINKING, AND NON-MIGRATING TYPE RECOMMENDED BY SEALANT MANUFACTURER FOR JOINT SIZE AND MOVEMENT.
- 2.3 GLAZING SYSTEMS
- A. GLAZING GASKETS: MANUFACTURER'S STANDARD COMPRESSION TYPES
- B. SPACERS AND SETTING BLOCKS: MANUFACTURER'S STANDARD ELASTOMERIC TYPE.
- C. BOND-BREAKER TAPE: MANUFACTURER'S STANDARD TFE-FLUOROCARBON OR POLYETHYLENE MATERIAL TO WHICH SEALANTS WILL NOT DEVELOP ADHESION.
- D. GLAZING SEALANTS FOR STRUCTURAL-SEALANT-GLAZED SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR JOINT TYPE, AND COLOR TO MATCH STRUCTURAL SEALANT.
- 2.4 FABRICATION
- A. FABRICATE FRAMING MEMBER COMPONENTS THAT, WHEN ASSEMBLED, HAVE THE FOLLOWING CHARACTERISTICS:
1. PROFILES THAT ARE SHARP, STRAIGHT, AND FREE OF DEFECTS OR DEFORMATIONS
  2. MEANS TO DRAIN WATER PASSING JOINTS, CONDENSATION WITHIN FRAMING MEMBERS, AND MOISTURE MIGRATING WITHIN THE SYSTEM TO EXTERIOR
  3. PHYSICAL AND THERMAL ISOLATION OF GLAZING FROM FRAMING MEMBERS ACCOMMODATIONS FOR THERMAL AND MECHANICAL MOVEMENTS OF GLAZING AND FRAMING THAT MAINTAIN REQUIRED GLAZING EDGE CLEARANCES
- B. MECHANICALLY GLAZED FRAMING MEMBERS: FABRICATE FOR FLUSH GLAZING WITHOUT PROJECTING STOPS.
- C. STRUCTURAL-SEALANT-GLAZED FRAMING MEMBERS: INCLUDE ACCOMMODATIONS FOR USING TEMPORARY SUPPORT DEVICE TO RETAIN GLAZING IN PLACE WHILE STRUCTURAL SEALANT CURES.
- D. STOREFRONT FRAMING: FABRICATE COMPONENTS FOR ASSEMBLY USING MANUFACTURER'S STANDARD INSTALLATION INSTRUCTIONS.
- 2.5 ALUMINUM FINISHES
- A. FACTORY FINISHING SHALL BE KAWNEER PERMANODIC® AA-M10C21A44, AAMA 611, ARCHITECTURAL CLASS I COLOR ANODIC COATING.
- PART 3 EXECUTION
- 3.1 EXAMINATION
- A. WITH INSTALLER PRESENT, EXAMINE OPENINGS, SUBSTRATES, STRUCTURAL SUPPORT, ANCHORAGE, AND CONDITIONS FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WORK. PROCEED WITH INSTALLATION ONLY AFTER CORRECTING UNSATISFACTORY CONDITIONS.
- 3.2 INSTALLATION
- A. COMPLY WITH DRAWINGS, SHOP DRAWINGS, AND MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING ALUMINUM-FRAMED STOREFRONT SYSTEM, ACCESSORIES, AND OTHER COMPONENTS.
- B. INSTALL ALUMINUM-FRAMED STOREFRONT SYSTEM SO THAT COMPONENTS ARE LEVEL, PLUMB, SQUARE, WITHOUT DISTORTION AND DO NOT IMPEDE THERMAL MOVEMENT. MATERIALS SHALL BE ANCHORED SECURELY IN PLACE TO STRUCTURAL SUPPORT AND ARE IN PROPER RELATION TO WALL FLASHING AND OTHER ADJACENT CONSTRUCTION
- C. SET SILL MEMBERS IN BED OF SEALANT OR WITH GASKETS, AS INDICATED, FOR WEATHER-TIGHT CONSTRUCTION.
- D. INSTALL ALUMINUM-FRAMED STOREFRONT SYSTEM AND COMPONENTS TO DRAIN CONDENSATION, WATER PENETRATING JOINTS, AND MOISTURE MIGRATING WITHIN ALUMINUM-FRAMED STOREFRONT SYSTEM TO THE EXTERIOR.
- E. SEPARATE ALUMINUM AND OTHER CORRODIBLE SURFACES FROM SOURCES OF CORROSION OR ELECTROLYTIC ACTION AT POINTS OF CONTACT WITH OTHER MATERIALS.
- 3.3 FIELD QUALITY CONTROL
- A. FIELD TESTS:
1. CONDUCT TESTS FOR AIR INFILTRATION AND WATER PENETRATION WITH MANUFACTURER'S REPRESENTATIVE PRESENT. TESTS THAT DO NOT MEET THE SPECIFIED PERFORMANCE REQUIREMENTS AND UNITS THAT HAVE DEFICIENCIES SHALL BE CORRECTED AS PART OF THE CONTRACT AMOUNT.
  2. TESTING SHALL BE PERFORMED PER AAMA 503 BY A QUALIFIED INDEPENDENT TESTING AGENCY. REFER TO TESTING SECTION FOR PAYMENT OF TESTING AND TESTING REQUIREMENTS.
- 3.4 ADJUSTING, CLEANING, AND PROTECTION
- A. PROTECT INSTALLED PRODUCT'S FINISH SURFACES FROM DAMAGE DURING CONSTRUCTION.
- B. CLEAN GLASS IMMEDIATELY AFTER INSTALLATION.

- SECTION 08 71 00  
FINISH HARDWARE
- PART 1 GENERAL
- 1.1 SECTION INCLUDES
- A. HINGES, LOCK CYLINDERS AND KEYS, LOCK AND LATCHSETS, EXIT DEVICES, CLOSERS, WEATHERSTRIPPING AND THRESHOLDS.
- 1.2 SUBMITTALS
- A. PRODUCT DATA: SUBMIT MANUFACTURER'S TECHNICAL PRODUCT DATA FOR EACH ITEM OF DOOR HARDWARE, INSTALLATION INSTRUCTIONS, MAINTENANCE OF OPERATING PARTS ARE FINISH, AND OTHER INFORMATION NECESSARY TO SHOW COMPLIANCE WITH REQUIREMENTS.
- 1.3 QUALITY ASSURANCE
- C. SINGLE SOURCE RESPONSIBILITY: OBTAIN EACH TYPE OF HARDWARE (LATCH AND LOCKSETS, EXIT DEVICES, CLOSERS, STOPS, COORDINATORS & FLUSHBOLTS, ETC.) FROM A SINGLE MANUFACTURER. NO EXCEPTIONS.
- D. FIRE-RATED OPENINGS: PROVIDE ONLY DOOR HARDWARE (FIRE RATED EXIT DEVICES, SMOKE SEALS, CLOSERS) FOR FIRE-RATED OPENINGS THAT COMPLIES WITH NFPA 80.
- 1.4 PRODUCT HANDLING
- A. INVENTORY HARDWARE JOINTLY WITH REPRESENTATIVES OF THE HARDWARE SUPPLIER AND THE HARDWARE INSTALLER UNTIL EACH IS SATISFIED THAT THE COUNT IS CORRECT.
- B. DELIVER INDIVIDUALLY PACKAGED HARDWARE ITEMS AT THE PROPER TIMES TO THE PROPER LOCATIONS (SHOP OR PROJECT SITE) FOR INSTALLATION.
- PART 2 PRODUCTS
- 2.1 MANUFACTURERS
- A. AVAILABLE MANUFACTURERS:
- a) ASSA ABLAY ACENTRA
  - b) APPROVED EQUAL
- 2.2 LOCK CYLINDERS AND KEYING:
- A. QUALITY STANDARD: ACCENTRA 4600, GRADE II COMMERCIAL
- B. EQUIP LOCKS WITH CYLINDER TYPE AS INDICATED. FURNISH CONSTRUCTION CORES FOR ALL LOCKSETS AND CYLINDERS. PROVIDE SECURITY FUNCTIONS AS INDICATED.
- C. METALS: CONSTRUCT LOCK CYLINDER PARTS FROM BRASS OR BRONZE, STAINLESS STEEL OR NICKEL SILVER.
- D. KEY QUALITY: FURNISH 3 CHANGE KEYS FOR EACH LOCK.
- 2.3 EXIT DEVICES
- A. QUALITY STANDARD: ACCENTRA 7000 SERIES
- B. COMPLY WITH ANSI A156.7
- C. EXIT DEVICES ARE TO BE EQUIPPED WITH THE "DOGGING" FEATURE.
- D. ALL DEVICES SHALL BE CERTIFIED, IN WRITING, TO MEET UL10C REQUIREMENTS.
- 2.4 LOCKS, LATCHES, AND BOLTS
- A. QUALITY STANDARD: ACCENTRA 4600, GRADE II COMMERCIAL
- B. STRIKES: PROVIDE MANUFACTURER'S STANDARD WROUGHT BOX STRIKE FOR EACH LATCH OR LOCK BOLT, WITH CURVED UP EXTENDED TO PROTECT FRAME, FINISHED TO MATCH HARDWARE SET UNLESS OTHERWISE INDICATED. PROVIDE CURVED UP STRIKES FOR LOCKS WITH LATCHBOLTS.
- C. C. FLUSH BOLT HEADS: MINIMUM OF 1/2 INCH DIAMETER RODS OF BRASS, BRONZE, OR STAINLESS STEEL WITH MINIMUM 12 INCH LONG ROD FOR DOORS UP TO 7'-0" IN HEIGHT.
- 2.5 CLOSERS:
- A. QUALITY STANDARD: ACCENTRA 3000
- B. SIZE OF UNITS: COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS FOR SIZE OF DOOR CONTROL UNIT DEPENDING ON SIZE OF DOOR, EXPOSURE TO WEATHER, AND ANTICIPATED FREQUENCY OF USE.
- 2.6 WEATHERSTRIPPING AND SEALS:
- A. GENERAL: PROVIDE CONTINUOUS WEATHERSTRIPPING ON EXTERIOR DOORS. PROVIDE NONCORROSIVE FASTENERS FOR EXTERIOR APPLICATIONS AND ELSEWHERE AS INDICATED.
- B. THRESHOLDS: PROVIDE ACCESSIBILITY CODE COMPLIANT TYPE AT ENTRANCE AND EXIT DOORS.
- 2.7 HARDWARE FINISHES
- D. MATCH ITEMS TO THE MANUFACTURER'S STANDARD COLOR AND TEXTURE FINISH FOR THE LATCH AND LOCK SETS (OR PUSH-PULL UNITS IF NO LATCH OR LOCK SETS). HARDWARE FOR THE PROJECT SHALL BE BHMA 626, DULL CHROMIUM PLATED, UNLESS NOTED OTHERWISE.
- E. NON-METAL PRODUCTS SUCH AS SEALS AND FRAME SILENCERS SHALL BE GRAY OR BLACK.
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. MOUNT HARDWARE UNITS AT HEIGHTS INDICATED IN FOLLOWING APPLICABLE PUBLICATIONS, EXCEPT AS SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH GOVERNING REGULATIONS AND EXCEPT AS OTHERWISE DIRECTED BY ARCHITECT.
- B. INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- 3.2 ADJUSTING, CLEANING, AND DEMONSTRATING:
- A. ADJUST AND CHECK EACH OPERATING ITEM OF HARDWARE AND EACH DOOR, TO ENSURE PROPER OPERATION OR FUNCTION OF EVERY UNIT. REPLACE UNITS THAT CANNOT BE ADJUSTED TO OPERATE FREELY AND SMOOTHLY AS INTENDED FOR THE APPLICATION MADE.
- B. CLEAN ADJACENT SURFACES SOILED BY HARDWARE INSTALLATION.
- 3.3 HARDWARE SCHEDULE
- A. PROVIDE HARDWARE SHOWN ON THE DRAWINGS. PROVIDE ANY ADDITIONAL HARDWARE NEEDED TO MEET THE DESIGN INTENT.

- SECTION 09 21 16  
GYPSUM BOARD ASSEMBLIES
- PART 1 GENERAL
- 1.1 SECTION INCLUDES
- A. INTERIOR WALLS AND CEILINGS WITH TAPE AND JOINT COMPOUND FINISH
- B. STEEL FRAMING SYSTEMS TO RECEIVE GYPSUM BOARD
- C. CEMENTITIOUS BACKER UNITS FOR APPLICATION OF TILE
- 1.02 SUBMITTALS
- A. PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR EACH MATERIAL AND PRODUCT USED.
- 1.03 QUALITY ASSURANCE
- A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. TOLERANCES: NOT MORE THAN 1/16 INCH DIFFERENCE IN TRUE PLANE AT JOINTS BETWEEN ADJACENT BOARDS BEFORE FINISHING. AFTER FINISHING, JOINTS SHALL BE NOT BE VISIBLE. NOT MORE THAN 1/8 INCH IN 10 FEET DEVIATION FROM TRUE PLANE. PLUMB, LEVEL AND PROPER RELATION TO ADJACENT SURFACES IN FINISHED WORK.
- C. FIRE RESISTANCE FOR FIRE-RATED ASSEMBLIES: ASTM E 119.
- D. PERFORMANCE: FIRE, STRUCTURAL, AND SEISMIC PERFORMANCE MEETING REQUIREMENTS OF BUILDING CODE AND LOCAL AUTHORITIES.
- PART 2 PRODUCTS
- 2.1 MATERIALS
- A. MANUFACTURERS OF GYPSUM BOARD:
1. UNITED STATES GYPSUM CO.
  2. APPROVED EQUAL.
- B. MANUFACTURERS OF STEEL FRAMING AND FURRING:
1. CLARKDIETRICH BUILDING SYSTEMS
  2. APPROVED EQUAL
- C. MANUFACTURERS OF GRID AND SUSPENSION SYSTEMS:
1. ARMSTRONG WORLD INDUSTRIES
  2. APPROVED EQUAL
- D. GYPSUM BOARD:
- a. SHEETROCK BRAND
  - b. REGULAR, 5/8"
  2. WATER-RESISTANT GYPSUM BACKING BOARD:
  - a. SHEETROCK BRAND MOLD TOUGH PANEL
  - b. ASTM C 630, 5/8" THICK
  - c. REGULAR AND FIRE-RATED TYPES AS REQUIRED.
3. GYPSUM TILE BACKERBOARD FOR TILE APPLICATIONS:
- a. FIBEROCK BRAND TILE BACKERBOARD
  - b. 5/8" WITH FIRECODE, MOLD AND MLDREW RESISTANCE.
4. GYPSUM BOARD FOR FIRE RATED APPLICATIONS:
- a. SHEETROCK BRAND FIRECODE 'X' (TYPE X)
  - b. 5/8" WITH FIRECODE.
- G. TRIM ACCESSORIES:
1. GALVANIZED STEEL CORNERBEAD, EDGE TRIM, CONTROL JOINTS & REVEALS.
- H. STEEL FRAMING FOR WALLS AND PARTITIONS:
1. FURRING AND HAT CHANNELS: ASTM C 645 25 GA. GALVANIZED FURRINGS.
  2. AUXILIARY FRAMING COMPONENTS: FURRING BRACKETS, RESILIENT FURRING CHANNELS, Z-FURRING MEMBERS, AND NON-CORROSIVE FASTENERS.
  3. CONTROL JOINTS: USE SHEETROCK ZINC CONTROL JOINT NO. 093.
- I. DRYWALL SUSPENSION SYSTEMS:
4. TEE: MANUFACTURED MAIN BEAM- EQUAL TO HD8906 BY ARMSTRONG.
  5. CROSS TEES: EQUAL TO 7920 BY ARMSTRONG.
- J. AUXILIARY MATERIALS:
1. GYPSUM BOARD SCREWS, ASTM C 1002.
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. INSTALL STEEL FRAMING IN COMPLIANCE WITH ASTM C754. INCLUDE BLOCKING FOR ITEMS SUCH AS RAILINGS, GRAB BARS, CASEWORK, AND SIMILAR ITEMS.
- B. INSTALL GYPSUM BOARD FOR TAPE AND 3-COAT JOINT COMPOUND FINISH IN COMPLIANCE WITH ASTM C 840 AND GA 216. PROVIDE A LEVEL 5 FINISH.
- C. PROVIDE FIRE-RATED SYSTEMS WHERE INDICATED AND WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- D. INSTALL BOARDS VERTICALLY. DO NOT ALLOW BUTT-TO-BUTT JOINTS AND JOINTS THAT DO NOT FALL OVER FRAMING MEMBERS.
- E. REPAIR SURFACE DEFECTS. LEAVE READY FOR FINISH PAINTING.



S. JACOB SCOGGINS  
ARLINGTON, TEXAS  
817-965-0763

ANDERSON COUNTY  
AGRILIFE FACILITY  
603 N SYCAMORE ST.  
PALESTINE, TX 75801



06/01/26

DATE: 02/13/2026

ISSUE:  
△ BID RFI RESPONSES  
06-01-2026

ARCHITECTURAL  
SPECIFICATIONS

A10.03



S. JACOB SCOGGINS  
ARLINGTON, TEXAS  
JACOB@ARC-UND.COM

**KWS**  
STRUCTURAL  
120 River Oaks Dr. # 100  
Southlake, TX 76092  
Phone: (817) 337-3786  
www.kwsstructural.com  
schmuhl@flash.net  
Texas Firm No. F4201

ANDERSON COUNTY  
AGRILIFE FACILITY  
603 N SYCAMORE ST.  
PALESTINE, TX 75801



2-18-26  
Kevin W. Schmuhl

DATE:  
2/13/2026

STRUCTURAL  
GENERAL NOTES

S1.1

**GENERAL NOTES:**

FOUNDATION DESIGNED BY KWS STRUCTURAL CONSULTANTS  
DESIGNS LOADS: BASED ON 2021 INTERNATIONAL BUILDING CODE, PLUS LOCAL AMENDMENTS.

THE FOUNDATION COMPONENTS OF THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE IBC CODE, 2021 EDITION, WITH LOCAL AMENDMENTS. THE DESIGN LOADS USED IN THE FOUNDATION DESIGN ARE AS FOLLOWS. THE METAL BUILDING STRUCTURAL ENGINEER MAY HAVE SLIGHTLY DESIGN DIFFERENT LOADS USED FOR THE METAL BUILDING DESIGN.

- ROOF DEAD LOADS:  
ROOF STRUCTURE 4 PSF  
COLLATERAL LOADS 8 PSF
- FOUNDATION LEVEL LIVE LOAD 200 PSF
- INTERIOR MEZZANINE LIVE & DEAD LOADS:  
DEAD LOAD 15 PSF  
TOP CHORD LIVE LOAD 40 PSF  
BOTTOM CHORD LIVE LOAD 10 PSF
- SLOPED ROOFS (>1:12) LIVE & SNOW LOADS:  
SNOW LOAD 5 PSF  
TOP CHORD LIVE LOAD 20 PSF  
BOTTOM CHORD LIVE LOAD 10 PSF

MECHANICAL EQUIPMENT ROOF LOADS:  
IN AREAS WHERE MECHANICAL ROOF EQUIPMENT IS SHOWN ON THE ROOF PLAN, ARCHITECTURAL, STRUCTURAL, OR MEP DRAWINGS, DESIGN THE ROOFS FOR A LIVE LOAD OF 20 PSF, PLUS THE WEIGHT OF THE ACTUAL ROOFTOP EQUIPMENT.

DESIGN ALL HAND RAILS, GUARD RAILS, AND GRAB BARS FOR THE WORST CASE OF A RAILING LOAD OF 50 PLF OR A 200 POUND CONCENTRATED LOAD.

OTHER LOADS USED FOR THE DESIGN OF THE STRUCTURAL COMPONENTS HAVE BEEN BASED UPON THE PROVISIONS OF CHAPTER 16 AS FOLLOWS:

RISK CATEGORY OF BUILDING = II FOR SNOW, SEISMIC, & WIND

GROUND SNOW LOAD P(g) = 5 PSF; C(e) = 1.0; I(s) = 1.0; C(t) = 1.0;

WIND DESIGN DATA: (ALLOWABLE STRESS DESIGN PRESSURES GIVEN)  
BASIC WIND SPEED = 107 MPH ULTIMATE; 90 MPH ASD; EXPOSURE C  
MAIN WIND FORCE RESISTING SYSTEMS: 18.8 PSF ASD  
WALL COMPONENTS AND CLADDING: ZONE 4 = +17.2/-18.8 PSF, ZONE 5 = +17.2/-23.2 PSF  
ROOF COMPONENTS AND CLADDING: ZONE 1 = -29.2 PSF, ZONE 2 = -42.6 PSF, ZONE 3 = -50.6 PSF

EARTHQUAKE DESIGN DATA:  
S(s) = 0.083; S(1) = 0.051g; SOIL SITE CLASS = D; I(e) = 1.0  
S(DS) = 0.089g; S(D1) = 0.082g; SEISMIC DESIGN CATEGORY = B  
SFRS = ORDINARY CONCENTRICALLY BRACED FRAMES AND ORDINARY STEEL MOMENT FRAMES, R = 3.25, C(s) = 0.027  
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE

NOTES: REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND CONSTRUCTION DETAILS FOR ALL FIRE RATED WALLS AND PLAN DIMENSIONS. BOTTOM CHORD LIVE LOADS DO NOT HAVE TO BE APPLIED CONCURRENTLY WITH TOP CHORD LIVE LOADS.

**FOUNDATION NOTES**

F1. A GEOTECHNICAL SOILS REPORT FOR THIS SITE WAS PRODUCED BY TERRACON INC. OF LUFKIN, TEXAS, REPORT No. 93255058, DATED NOVEMBER 7, 2025. THE FOUNDATION DESIGN IS BASED UPON THE RECOMMENDATIONS CONTAINED WITH THIS REPORT. KNOWLEDGE OF THE EXISTING SOILS AS SHOWN IN THE BORING LOGS, AND PER THE DESIGN REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE. THE CONTRACTOR SHALL OBTAIN, READ, & BE FAMILIAR WITH THE RECOMMENDATIONS AND THE BORING LOGS AS GIVEN IN THE GEOTECHNICAL REPORTS.

F2. EARTHWORK: ALL DEBRIS, VEGETATION, AND TOPSOIL CONTAINING ORGANIC MATERIALS SHALL BE CLEARED AND REMOVED FROM THE BUILDING SITE FOR A MINIMUM OF FIVE (5) FEET BEYOND THE BUILDING FOOTPRINT. THE SITE SHALL BE PREPARED PER THE GEOTECHNICAL REPORT TO LIMIT THE POTENTIAL VERTICAL RISE TO ONE INCH (1") OR LESS. EXCAVATE ALL EXISTING SOILS UNDER AND WITHIN FIVE FEET OF THE BUILDING FOOTPRINT TO A MINIMUM DEPTH OF AT LEAST FIVE FEET (5'-0") BELOW FINISHED FLOOR. MOISTURE CONDITION AND RECOMPACT THE EXISTING SITE CLAYEY SAND SITE SOILS UNDER THE BUILDING FOOTPRINT. EXISTING CLAYEY SAND SOILS SHALL BE MOISTURE CONDITIONED TO +1 TO +5 PERCENTAGE POINTS ABOVE OPTIMUM, AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR, BASED UPON ASTM D-698. PROVIDE SPACE FOR A UNIFORM FOUR FOOT LAYER (4'-0") OF SELECT FILL TO BE PLACED DIRECTLY UNDERNEATH THE BUILDING SLAB'S VAPOR BARRIER. A GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING SUBGRADE PREPARATION TO VERIFY THE FILL MATERIALS, COMPACTION, AND MOISTURE CONTENT OF THE CLAY AND SELECT FILL SOILS. THE FOUNDATION SLAB SHALL BE PLACED UPON A 10 MIL VAPOR BARRIER OVER THE PREPARED SUBGRADE.

F3. SELECT FILL: SELECT FILL SHALL BE USED TO OBTAIN FINISHED CIVIL GRADES AS NEEDED. SELECT FILL SHALL BE PLACED AS SOON AS POSSIBLE AFTER COMPLETION OF COMPACTION OF THE SUBGRADE TO LIMIT MOISTURE LOSS OF THE SOIL. SELECT FILL SHALL EXTEND 5'-0" BEYOND THE LIMITS OF THE STRUCTURE, PER THE GEOTECHNICAL REPORT, AND SHALL INCLUDE ALL PORCH AREAS. SELECT FILL MATERIALS SHALL CONSIST OF CLAYEY SANDS OR SANDY CLAYS WITH A PI VALUE BETWEEN 4 AND 15, AND A LIQUID LIMIT LESS THAN 35. THE SELECT FILL SHALL BE FREE OF ORGANIC MATTER, ROCKS, DEBRIS AND DELETERIOUS MATERIALS. THE SELECT FILL MATERIALS SHALL BE APPROVED BY A LICENSED GEOTECHNICAL ENGINEER.

F4. COMPACTION OF SELECT FILL: SELECT FILL REQUIRED BENEATH THE GRADE SLAB SHALL BE PLACED IN 6 TO 8 INCH THICK LOOSE LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY AT A MOISTURE CONTENT BETWEEN -2 AND +3 PERCENT OF OPTIMUM AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM SPECIFICATION D-698.

F5. EXTERIOR FILL: FILL PLACED ALONG THE OUTSIDE OF EXTERIOR GRADE BEAMS SHALL BE MOISTURE CONDITIONED ON-SITE SOILS. THE SITE FILL IS INTENDED TO REDUCE SURFACE WATER INFILTRATION BENEATH THE STRUCTURE. THE FINISHED GRADES OF EXTERIOR THE SITE FILL SHALL BE AS PER THE CIVIL GRADING PLANS. CARE SHALL BE TAKEN THAT NO LOW SPOTS EXIST THAT ALLOW WATER TO COLLECT AT OR NEAR THE BUILDING.

**FOUNDATION NOTES: (CONTINUED)**

F6. POSITIVE SURFACE DRAINAGE AWAY FROM THE STRUCTURES SHALL BE ESTABLISHED AND MAINTAINED AT ALL TIMES BOTH DURING AND AFTER CONSTRUCTION. AT NO TIME SHALL WATER BE ALLOWED TO COLLECT NEAR THE BUILDING FOUNDATION (WITHIN 10 FEET). DUE TO THE NATURE OF THE SOILS ON THIS SITE, WE ARE REQUIRING THAT ANY AND ALL DOWNSPOUTS DISCHARGE THE ROOF WATER AT LEAST 10 FEET AWAY FROM ALL BUILDINGS. EXTERIOR GRADING SHALL SLOPE AWAY FROM THE FOUNDATION 0.6" PER FOOT (1:20) FOR AT LEAST 10 FEET.

F7. UTILITY LINE TRENCHES: UTILITY LINES RUNNING UNDER THE EXTERIOR GRADE BEAMS SHALL HAVE A CLAY PLUG TO PREVENT WATER INFILTRATION BENEATH THE STRUCTURE THROUGH POROUS TRENCH BACKFILL MATERIALS. CLAY PLUGS SHALL BE LOCATED IMMEDIATELY OUTSIDE OF THE EXTERIOR GRADE BEAM. THE CLAY PLUG SHALL CONSIST OF A 5'-0" MINIMUM LENGTH OF TRENCH BACKFILLED WITH ON-SITE CLAYS COMPACTED IN ACCORDANCE WITH NOTE 4.

F8. SIDEWALKS AND PAVEMENT SHOULD NOT BE STRUCTURALLY CONNECTED TO THE BUILDING, EXCEPT AT ENTRIES AND EXITS, AND SHOULD SLOPE AWAY FROM THE BUILDING SO THAT WATER WILL BE DRAINED AWAY FROM THE STRUCTURES. PLANTER BEDS, PAVEMENT, AND SIDEWALKS SHALL BE PLACED AND DRAINED SUCH THAT THEY DO NOT TRAP SURFACE WATER NEAR THE FOUNDATIONS.

F9. A LICENSED GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING SUBGRADE PREPARATION TO VERIFY THE COMMON AND SELECT FILL MATERIALS, COMPACTION, MOISTURE CONTENT, AND BEARING CAPACITY OF THE COMMON AND SELECT FILL SOILS. THE LICENSED GEOTECHNICAL ENGINEER SHALL CERTIFY THAT THE FOUNDATION PAD HAS BEEN PREPARED ACCORDING TO THE GUIDELINES OF THE GEOTECHNICAL REPORT AND NOTES ON THIS SHEET. THE ALLOWABLE SOILS BEARING CAPACITY SHALL BE MEASURED AND BE AT LEAST 2000 PSF.

F10. LIMITATIONS: THE ENGINEERING SERVICES PROVIDED BY KWS ARE CONDUCTED IN A MANNER CONSISTENT WITH THAT LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE PROFESSION CURRENTLY PRACTICING UNDER SIMILAR CONDITIONS. NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE. WE DO NOT WARRANT OR GUARANTEE THE ACCURACY OR QUALITY OF THE WORK OR MATERIALS PROVIDED BY OTHER MEMBERS OF THE DESIGN TEAM, NOR ANY MEMBERS OF THE CONSTRUCTION TEAM.

**CONCRETE NOTES**

C1. ALL STRUCTURAL CONCRETE SHALL WEIGH 140 TO 155 LBS. PER CU. FT., AND BE OF A HARDROCK AGGREGATE. ALL CEMENT SHALL BE TYPE I/II.

C2. MINIMUM CONCRETE STRENGTHS AT 28 DAY BREAK:  
SLABS, GRADE BEAMS, AND FOOTINGS . . . . . 4000 PSI

CONCRETE SLUMP SHALL BE:  
SLABS, GRADE BEAMS, AND FOOTINGS . . . . . 3 IN. MIN./5 IN. MAX.

C3. CONCRETE MIX DESIGNS AND TEST RESULTS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR EVALUATION AND APPROVAL. ALL CONCRETE SHALL CONTAIN A MINIMUM OF 376 POUNDS OF CEMENT PLUS 94 POUNDS OF FLY ASH PER CUBIC YARD. MAXIMUM SIZE OF AGGREGATE FOR FOOTINGS, GRADE BEAMS, AND SLAB ON GRADE SHALL BE 1 1/2". MAXIMUM SIZE OF AGGREGATE FOR SLABS ON FORM DECK SHALL BE 1". CONCRETE EXPOSED TO THE WEATHER SHALL HAVE 5% AIR-ENTRAINMENT.

C4. ALL CAST-IN-PLACE CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI-301, LATEST EDITION, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.

C5. ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH "PLACING REINFORCING BARS", PUBLISHED BY THE CONCRETE REINFORCING STEEL INSTITUTE, LATEST EDITION.

C6. CONCRETE REINFORCING: REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A615, GRADE 60 BARS.

C7. SLABS ON GRADE: SLABS ON GRADE SHALL BE OF HARDROCK CONCRETE OF THE THICKNESS AND WITH REINFORCEMENT AS SHOWN ON FOUNDATION PLAN. SLAB REINFORCING FOR SLABS ON GRADE SHALL BE CENTERED IN SLAB. SLAB REINFORCING FOR SLABS ON FORM DECK SHALL BE CENTERED IN SLAB THICKNESS ABOVE THE FORM DECK. CARE SHALL BE TAKEN TO MAINTAIN SLAB REINFORCEMENT POSITION DURING POURING OPERATION. SAW CUT CONTROL JOINTS IN THE SLABS-ON-GRADE AT 10'-0" TO 15'-0" O.C.E.W., UNLESS OTHERWISE RECOMMENDED BY THE ARCHITECT.

C8. APPLY SEAL & CURE COMPOUND, SEALTIGHT 1100 BY W.R. MEADOWS, TO ALL FOUNDATION AND FLOOR SLABS AS PER THE MANUFACTURER'S SPECIFICATIONS.

C9. FOOTINGS: GRADE BEAMS & FOOTINGS SHALL BE OF HARDROCK CONCRETE OF SIZE AND REINFORCEMENT AS INDICATED ON PLANS. FOOTINGS MAY BE POURED NEAT, EXCEPT THAT EXPOSED SURFACES SHALL BE FORMED. CARE SHALL BE TAKEN TO ACCURATELY TRENCH FOOTINGS TO WIDTHS AND DEPTHS INDICATED. TRENCHES SHALL BE KEPT CLEAN AND CARE SHALL BE TAKEN TO PREVENT SLOUGHING OF TRENCH SIDES. DETAIL REINFORCING AND PROVIDE CORNER BARS AT FOOTING INTERSECTIONS TO MATCH HORIZONTAL REINFORCING.

C10. MINIMUM COVERAGE ON REINFORCING STEEL:  
CONCRETE CAST AGAINST EARTH . . . 3" CLEAR TO STIRRUP  
CONCRETE CAST AGAINST FORMS . . . 2" CLEAR TO STIRRUP  
FOOTINGS . . . . . 2" TOP, 3" BOTTOM,  
2" ON FORMED SIDES  
SLABS ON GRADE . . . . . CENTER REINFORCING IN SLAB

C11. ALL OPENINGS FOR MECHANICAL EQUIPMENT, TRENCHES, SLOPES TO DRAINS, ETC., SHALL BE VERIFIED BY GENERAL CONTRACTOR AND INDICATED ON SHOP DRAWINGS. COORDINATE LOCATIONS AND SIZES OF ALL OPENINGS WITH APPLICABLE TRADES.

C12. THE MINIMUM REBAR LAP SPLICE LENGTH FOR ALL SLAB ON GRADE SLABS, FOOTINGS, AND GRADE BEAMS SHALL BE 48 BAR DIAMETERS. SPLICE TOP GRADE BEAM REBAR MIDSPAN BETWEEN PIERS AND BOTTOM GRADE BEAM REBAR OVER PIERS, PER THE STRUCTURAL DETAILS.

**SPECIAL INSPECTIONS:**

STRUCTURAL SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT PER CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE AND THE CITY BUILDING INSPECTION DEPARTMENT. INDEPENDENT THIRD PARTY INSPECTORS SHALL BE SELECTED BY THE OWNER OR THE OWNER'S REPRESENTATIVE AND THEIR SERVICES SHALL BE PAID FOR BY THE OWNER. THE GENERAL CONTRACTOR SHALL COORDINATE TIMING OF INSPECTIONS WITH THE SPECIAL INSPECTORS REGARDING THE VARIOUS PHASES OF THE CONSTRUCTION OF THE PROJECT. THE QUALIFICATIONS OF THE SPECIAL INSPECTORS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FINAL SELECTION. THE FOLLOWING STRUCTURAL SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT.

S1. SOIL PREPARATION - A LICENSED GEOTECHNICAL ENGINEER SHALL TEST AND CERTIFY THE SOIL PREPARATION TO INCLUDE COMPACTION, BEARING CAPACITY, MOISTURE CONTENT, SELECT FILL, EXCAVATION DEPTHS, ETC. PER THE SECTION TITLED "FOUNDATION NOTES" ON THIS SHEET. FOR ALL SOILS UNDERNEATH THE FOUNDATIONS OF THIS BUILDING, ALSO REFER TO CHAPTER 17 OF THE IBC FOR SPECIAL INSPECTION REQUIREMENTS.

S2. CONCRETE FOUNDATIONS - A THIRD PARTY TESTING AND INSPECTION COMPANY SHALL CERTIFY THAT THE FOUNDATIONS ARE PLACED PER THE STRUCTURAL PLANS, NOTES, AND DETAILS. ALSO REFER TO CHAPTER 17 OF THE IBC FOR SPECIAL INSPECTION REQUIREMENTS.

S4. STRUCTURAL STEEL - THE STEEL FABRICATOR FOR THIS PROJECT SHALL BE REGISTERED AND APPROVED TO PERFORM SHOP STEEL FABRICATION WITHOUT SPECIAL INSPECTION PER SECTION 1704.2.5 OF THE IBC. A THIRD PARTY TESTING AND INSPECTION COMPANY SHALL CERTIFY THAT ALL STRUCTURAL STEEL AND OTHER MISCELLANEOUS METAL BUILDING COMPONENTS ARE INSTALLED PER THE METAL BUILDING PLANS, NOTES, AND DETAILS. ALSO REFER TO SECTION 1705.2 OF THE IBC & AISC 341 & 360 FOR SPECIAL INSPECTION REQUIREMENTS.

**MISCELLANEOUS:**

M1. IF STRUCTURAL OR ARCHITECTURAL PLANS AND SPECIFICATIONS DIFFER FROM THE REQUIRED MINIMUM STANDARDS SET FORTH IN THE BUILDING CODES AND ORDINANCES OF ALL GOVERNING AGENCIES, THE CODES AND ORDINANCES SHALL GOVERN.

M2. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING, FLASHING, WALL OR ROOF ASSEMBLY DETAILING (CHAPTERS 14 & 15 OF IBC), AS THESE ARE NOT WITHIN THE SCOPE OF SERVICES OF THE STRUCTURAL ENGINEER FOR THIS PROJECT. ALL WATERPROOFING AND FLASHING OF THE ROOF AND WALLS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND/OR CONTRACTOR. DRAINAGE AREA CALCULATIONS, DOWNSPOUT SIZING, AND OVERFLOW DRAINS SHALL BE THE RESPONSIBILITY OF THE ARCHITECT AND/OR CONTRACTOR.

M3. IT IS NOT WITHIN THE SCOPE OF THE STRUCTURAL ENGINEER TO SHOW OR PROVIDE FIRE RATINGS OR RATED ASSEMBLIES FOR THE STRUCTURAL MEMBERS, NOT OF THE VARIOUS BUILDING ASSEMBLIES.

M4. WHERE CONFLICTS EXIST BETWEEN THE PROJECT SPECIFICATIONS AND/OR WITHIN THE STRUCTURAL PLANS AND DETAILS, THE MORE RESTRICTIVE SHALL GOVERN. THE CONTRACTOR SHALL BRING THE DISCREPANCY TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.

M5. THE ELEVATIONS SHOWN ON THE STRUCTURAL SET OF PLANS ARE BASED UPON A FINISHED FLOOR ELEVATION OF 100'-0", AND NOT AN ELEVATION RELATIVE TO SEA LEVEL. TAKE THIS INTO CONSIDERATION DURING CONSTRUCTION.

M7. ALL PLUMBING PENETRATIONS IN THE FOUNDATION SHALL BE SLEEVED AND/OR PLACED PRIOR TO THE PLACEMENT OF CONCRETE. THE CONTRACTOR SHALL NOT CORE DRILL THROUGH THE CONCRETE FOUNDATION FOR PENETRATIONS UNLESS SPECIFICALLY APPROVED BY THE STRUCTURAL ENGINEER. IF CORE DRILLING IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PLUMBING / STRUCTURAL CONFLICTS THAT MAY OCCUR, INCLUDING ANY STRUCTURAL REPAIRS, ADDITIONAL STRUCTURAL MEMBERS, AND THE STRUCTURAL ENGINEER'S TIME ON AN HOURLY RATE TO RESOLVE ANY CONFLICTS.

M8. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE DIMENSIONAL LOCATIONS FOR ALL BEARING AND NON-BEARING STUD WALLS. BE AWARE THAT THE ARCHITECTURAL DIMENSIONS MAY BE TO EDGE OF SHEATHING INSTEAD OF EDGE OF STUDS.

M9. THE ENGINEERING SERVICES PROVIDED BY KWS ARE CONDUCTED IN A MANNER CONSISTENT WITH THAT LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE PROFESSION CURRENTLY PRACTICING UNDER SIMILAR CONDITIONS. NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE.

M10. A SEPARATE STRUCTURAL DETAIL IS NOT PROVIDED FOR EVERY SINGLE CONDITION THAT OCCURS IN THIS BUILDING, AS THAT WOULD NOT BE COMMON. LACK OF A DETAIL FOR A PARTICULAR CONDITION DOES NOT CONSTITUTE AN "ERROR OR OMISSION". THE CONTRACTOR SHALL BRING UP ANY QUESTIONS THAT ARISE WHERE THE STRUCTURAL PLANS AND DETAILS DO NOT PROVIDE SPECIFIC INSTRUCTIONS, AND THE CONTRACTOR IS UNSURE HOW TO PROCEED.

M11. WHERE THERE ARE CONFLICTS BETWEEN THE STRUCTURAL DRAWINGS AND THE DRAWINGS OF OTHER DISCIPLINES, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER IMMEDIATELY. DO NOT PROCEED WITH CONSTRUCTION OF AREAS WHERE THERE ARE CONFLICTS BETWEEN DISCIPLINES UNTIL THEY HAVE BEEN RESOLVED.

**FIRE SPRINKLERS:**

FS1. IT IS NOT IN THE SCOPE OF THE FOUNDATION ENGINEER (KWS STRUCTURAL INC.) TO INSPECT OR DESIGN THE INSTALLATION AND ATTACHMENT OF FIRE SPRINKLER SYSTEMS. THE METAL BUILDING COMPANY SHALL DESIGN ALL STEEL COLUMNS, STEEL BEAMS, AND ROOF PURLINS TO SUPPORT THE WEIGHT OF THE SPRINKLER WATER FILLED PIPES PLUS A TEMPORARY INSTALLER POINT LOAD OF 250 POUNDS.

FS2. THE DESIGN AND INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL BE BY A QUALIFIED FIRE SPRINKLER COMPANY. IF ANY STRUCTURAL ENGINEERING IS REQUIRED FOR THE DESIGN, INSPECTION, OR ATTACHMENT TO THE STRUCTURE, THIS ENGINEERING SHALL BE DONE BY THE METAL BUILDING COMPANY, OR BY A THIRD PARTY ENGINEER PAID FOR BY THE OWNER OR THE FIRE SPRINKLER COMPANY.

**PRE-ENGINEERED METAL BUILDING**

1. METAL BUILDING MANUFACTURER SHALL BE FULLY RESPONSIBLE FOR THE BUILDING FRAMES AND ROOF SYSTEMS AND ALL FRAMING INCLUDING BRACING, WALL SUPPORT GIRTS, AND OTHER NECESSARY FRAMING AS INDICATED ON THE DRAWINGS. LOADS SHALL BE AS INDICATED IN THE "GENERAL NOTES" OF THESE NOTES ON SHEET S1 AND AS NOTED ON THE DRAWINGS. THE SYSTEM SHALL BE FULLY SELF SUFFICIENT, TRANSFERRING ALL THE VERTICAL AND LATERAL LOADS TO THE FOUNDATION.

2. METAL BUILDING DESIGN SHALL MEET THE LATEST MBMA SPECIFICATIONS AND REQUIREMENTS AND THE APPLICABLE SECTIONS OF THE APPLICABLE YEAR VERSION OF THE INTERNATIONAL BUILDING CODE. NOTE THAT THE BUILDING SHALL BE EXPANDABLE BY PROVIDING ADDITIONAL BAYS OF THE SAME SIZE AS CURRENTLY SHOWN TO EITHER END OF THE BUILDING. PROVIDE FULL CAPACITY FRAMES FOR THE END WALLS, FRAME END WALLS WITH BUILDING MANUFACTURERS STANDARD INFILL COMPONENTS.

3. DESIGN CALCULATIONS AND A LETTER OF CERTIFICATION SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN TEXAS SHALL BE SUBMITTED FOR THE STRUCTURAL FRAMING AND COVERING PANELS OF THE METAL BUILDING SYSTEM.

4. THE METAL BUILDING MANUFACTURER IS RESPONSIBLE FOR FRAMING AND SUPPORT OF ALL MISCELLANEOUS ITEMS INDICATED, INCLUDING (BUT NOT LIMITED TO): ROOF TOP MOUNTED AND SUSPENDED MECHANICAL EQUIPMENT, ROOF AND WALL OPENINGS, DUCT WORK, PIPES, HOISTS, LIGHTING, SUSPENDED CEILING, INSULATION, SPRINKLER SYSTEMS, AND ATHLETIC EQUIPMENT AS INDICATED ON THE CONTRACT DRAWINGS.

5. THE METAL BUILDING MANUFACTURER SHALL VERIFY LOCATION OF LATERAL BRACING FOR COMPATIBILITY WITH INTERIOR FINISHES, OPENINGS IN WALLS, AND ETC. INDICATED ON THE ARCHITECTURAL DRAWINGS (SEE ALSO NOTE 10 BELOW).

6. STRUCTURAL STEEL FURNISHED BY THE METAL BUILDING MANUFACTURER SHALL MEET THE MANUFACTURERS SPECIFICATIONS WHERE THEY EXCEED THOSE IN THE STRUCTURAL GENERAL NOTES.

7. THE METAL BUILDING MANUFACTURER SHALL FABRICATE COMPONENTS PER THE METAL BUILDING MANUFACTURER'S ASSOCIATION (MBMA) AND AISC STEEL CODE REQUIREMENTS FOR METAL BUILDING SYSTEMS.

8. MAIN FRAMING SHALL CONSIST OF PINNED-BASE RIGID FRAMES CAPABLE OF SUPPORTING ALL THE LOADING COMBINATIONS REQUIRED BY ALL OF THE GOVERNING CODES AND AS INDICATED ON THESE DRAWINGS.

9. THE METAL BUILDING MANUFACTURER SHALL FURNISH ANCHOR ROD PLACING PLANS AND FOUNDATION REACTIONS ALONG WITH CALCULATIONS FOR REVIEW BY THE ENGINEER OF RECORD TO THE PLACING OF BUILDING FOUNDATIONS SUPPORTING THE FRAMES. ANCHOR ROD SIZES AND PLACEMENT LOCATIONS SHALL BE DETERMINED BY THE METAL BUILDING MANUFACTURER. ANCHOR RODS ARE TO BE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR PER THE METAL BUILDING MANUFACTURERS DESIGN.

10. CHANGES IN SOME DIMENSIONS AND FOUNDATION CRITERIA FROM THOSE INDICATED ON THE DRAWINGS MAY BE REQUIRED, DEPENDING ON FINAL SELECTION OF THE METAL BUILDING MANUFACTURER AND SYSTEM, SUBJECT TO APPROVAL BY THE ARCHITECT, AND PENDING ARCHITECTS REVIEW OF THE ANCHOR BOLT PLAN AND FOUNDATION REACTIONS.

11. MAXIMUM ALLOWABLE LIVE (VERTICAL) AND LATERAL WIND AND SEISMIC LOAD DEFLECTIONS ARE AS FOLLOWS:  
A. ROOF PURLINS, GIRTS, AND SECONDARY MEMBERS - L/180  
B. MAIN FRAMES WITH METAL PANEL WALLS AT EAVE H/120 LATERALLY  
C. MAIN FRAMES AT MID-SPAN L/180 VERTICALLY  
D. HORIZONTAL WALL PURLINS WITH METAL PANELS - L/180  
E. ROOF AND WALL PANELS - L/180

12. NO STRUCTURAL FIELD MODIFICATIONS SHALL BE PERMITTED UNLESS APPROVED BY THE METAL BUILDING ENGINEER.

13. IF ROOF BRACING IS USED, IT SHALL BE VERTICALLY SUPPORTED BY THE PURLINS. ANY EFFECTS OF ECCENTRICITY DUE TO LOCATION OF CONNECTION SHALL BE CARRIED BY THE MAIN FRAME MEMBERS.

14. METAL BUILDING FRAMES MAY BE PLACED ON FOUNDATIONS ONCE THE FOUNDATION CONCRETE HAS REACHED A MINIMUM OF 75% OF ITS SPECIFIED 28 DAY COMPRESSIVE STRENGTH.

**WOOD FRAMING:**

W1. NON-LOAD-BEARING DOOR AND WINDOW HEADERS SHALL BE A MINIMUM OF (2)-2x4's, GRADE #2, FOR LOAD BEARING WALLS. HEADERS SHALL BE AS SHOWN ON THE PLANS AND SCHEDULES AND SHALL BE GRADE #2 SOUTHERN PINE OR DOUGLAS FIR-LARCH, OR AN EQUIVALENT WOOD, UNO, ALL LSL, LVL, AND PSL MEMBERS SHOWN ON THE PLANS SHALL MEET THE MINIMUM SPECIFICATIONS AND INSTALLATION REQUIREMENTS PER THE WEYERHAEUSER CORPORATION, WITH E=2,000,000 PSI, F(b)=2600 PSI, AND F(v)=285 PSI AS A MINIMUM REQUIREMENT FOR ALL LVL MEMBERS.

W2. STUDS SHALL BE "GRADE #2 OR BETTER" U.N.O.

W3. JOIST AND TRUSS CONNECTIONS TO SUPPORTING BEAMS SHALL BE MADE WITH SIMPSON SERIES, GALVANIZED STEEL JOIST HANGERS AND CONNECTORS, UNLESS DETAILED OTHERWISE. FLUSH-TYPE AND SKEWED CONNECTIONS USING THESE JOIST HANGERS SHALL UTILIZE THE HANGER TYPE AND SIZE, AND NUMBER OF FASTENERS SPECIFIED BY THE CONNECTOR MANUFACTURER FOR THE MEMBER SIZE TO BE SUPPORTED.

W4. STUDDING SHALL BE DOUBLED AT ALL CORNERS, ANGLES AND EACH FACE OF OPENINGS.

W5. ALL LUMBER EMBEDDED OR PLACED ON CONCRETE (INCLUDING ALL SILL PLATES) SHALL BE PRESSURE TREATED.

W6. BOTTOM EXTERIOR SILL PLATES AND INTERIOR SHEAR WALL SILL PLATES SHALL BE FASTENED TO THE CONCRETE PER THE STRUCTURAL PLANS AND DETAILS. NON-LOADBEARING INTERIOR PARTITION WALLS SHALL BE FASTENED TO THE SLAB WITH 0.145"x3"x3" PINS AT 24" O.C. MAXIMUM SPACING.

W7. BUILT UP POST, COLUMNS, STUDS OR JAMBS (ETC., AXIAL COMPRESSION MEMBERS) SHALL BE NAILED OR BOLTED ACCORDING TO NATIONAL DESIGN STANDARDS (NDS) LATEST EDITION.

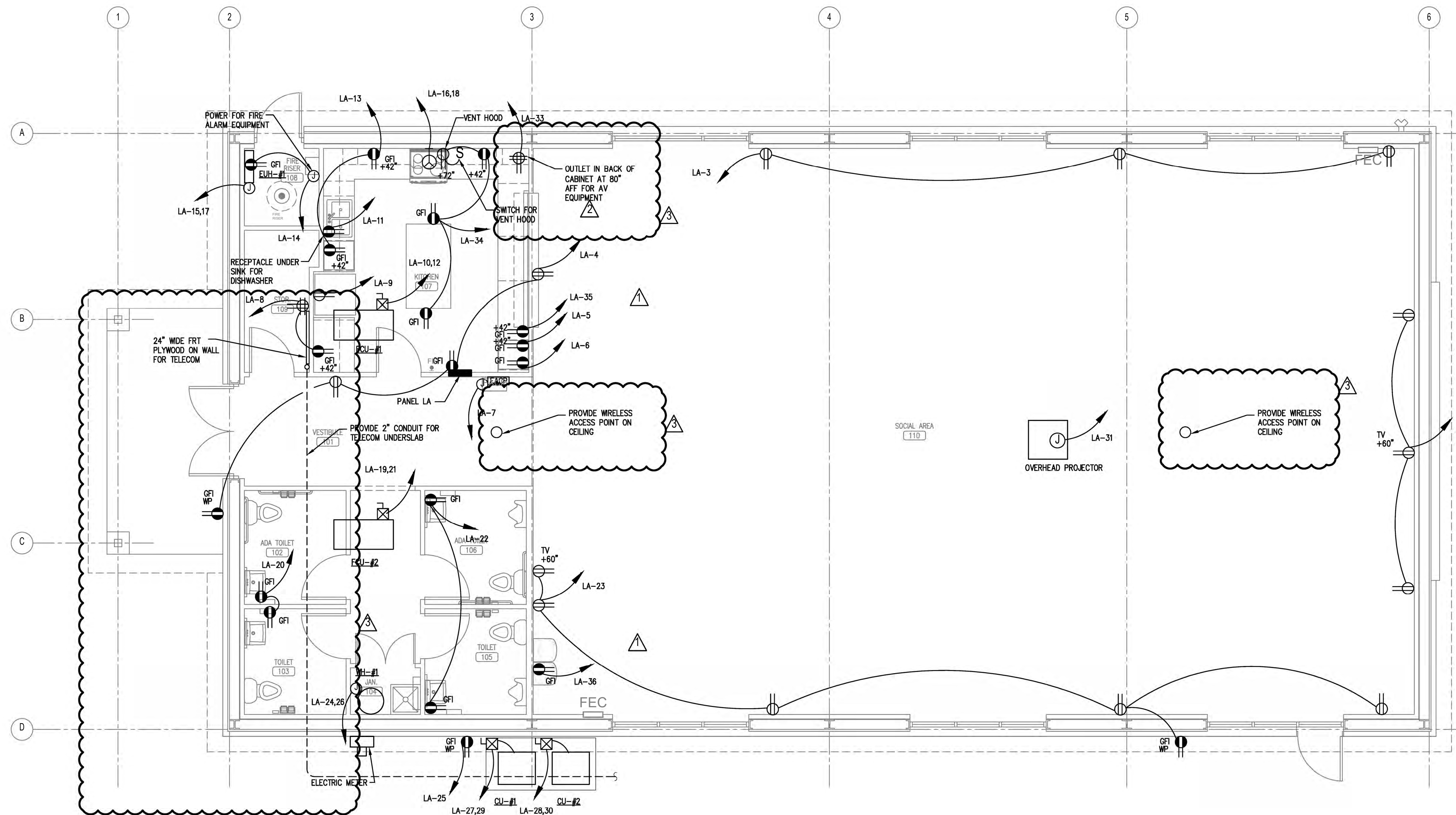
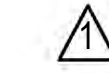
W8. FASTENING OF ALL WOOD-TO-WOOD CONNECTIONS AND WOOD-TO-CONCRETE CONNECTIONS SHALL MEET THE MINIMUM REQUIREMENTS OF CHAPTER 23 OF THE IBC, AND TABLE 2304.9.1; ALL WOOD FRAMING SHALL COMPLY WITH LOCAL BUILDING CODES.



**GENERAL NOTES:**

1. ALL DISCONNECTS LOCATED ON EXTERIOR WALLS SHALL BE WEATHERPROOF.
2. GENERAL CONTRACTOR SHALL PERFORM AN ELECTRICAL WALK BEFORE WIRE IS RUN WITH THE OWNER FOR FINAL APPROVAL.
3. CONTRACTOR SHALL COORDINATE EQUIPMENT REQUIREMENTS BEFORE INSTALLING ELECTRICAL SERVICE TO THEM.
4. FAN AND COIL UNITS ARE INTERCONNECTED TO THE CONDENSING UNITS.
5. REFER TO SHEET A4.1 FOR AUDIO/VISUAL EQUIPMENT TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR.

ALL RECEPTACLES LOCATED IN THE KITCHEN SHALL BE GFCI TYPE.



**FLOOR PLAN - POWER**

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

**ANDERSON COUNTY  
AGRILIFE FACILITY**  
603 N SYCAMORE ST.  
PALESTINE, TX 75801



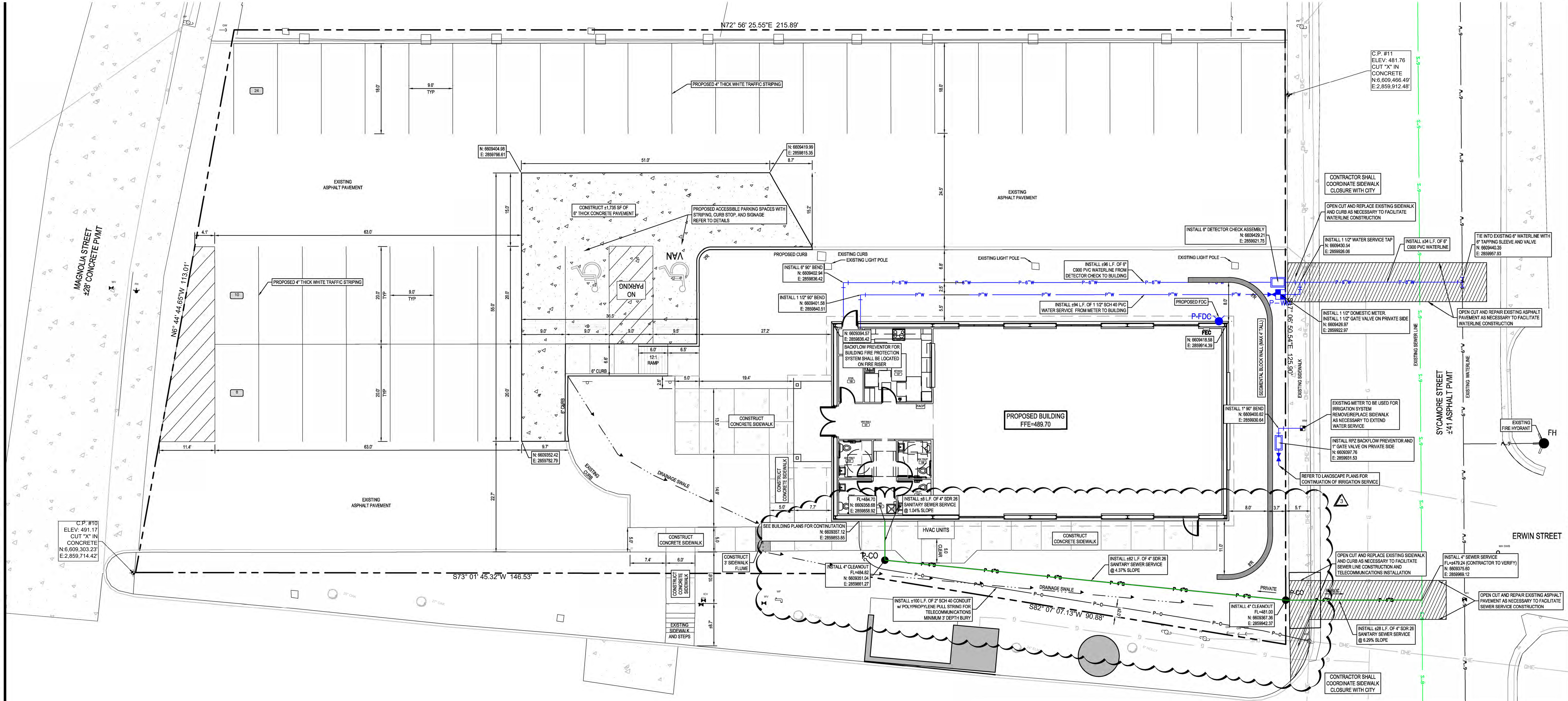
DATE: 2/13/2026

- REVISION:**
- △ CITY COMMENT 3/9/2026
  - △ OWNER CHANGE 4/10/2026
  - △ BID RFI RESPONSE 6/01/2026

FLOOR PLAN -  
POWER

**E2.1**

THE DRAWING AND RELATED SPECIFICATIONS, INCLUDING ALL DOCUMENTS ON ELECTRONIC MEDIA, WERE PREPARED BY ABE ENGINEERING, P.L.L.C. AS INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF ABE ENGINEERING. THE INFORMATION SHOWN HEREON SHALL BE USED ONLY FOR THE PURPOSE OF RECORDING, CONSTRUCTION, OR INSTALLING THE WORK SHOWN HEREON AT THE OBSERVED LOCATION ON THE SPECIFIED DATE. ANY UNAUTHORIZED USE OF THESE DOCUMENTS, INCLUDING WITHOUT LIMITATION REPRODUCTION OR ALTERATION, IS STRICTLY PROHIBITED AND SHALL CAUSE THE USER TO BE RESPONSIBLE FOR ANY DAMAGE TO THE USER OR TO ANY OTHER PARTY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE USER'S INTERESTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE USER'S INTERESTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE USER'S INTERESTS.



**ABLE ENGINEERING, PLLC**  
 10000 DALLAS PARKWAY  
 DALLAS, TEXAS 75244  
 (972) 398-1322  
 (972) 398-1322  
 TPEL'S FIRM #24175  
 email: jham@ableeng.com

**JEFF HAMILTON**  
 96497  
 06/01/2026

**ANDERSON COUNTY**  
**AGRILIFE BUILDING**  
**603 NORTH SYCAMORE STREET**  
**PALESTINE, TEXAS 75802**

NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT	06/01/2026
2		
3		

**GENERAL NOTES**

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY, COUNTY, STATE, FEDERAL, AND USVA REGULATION.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF SLOPED PAVING, RAMP, EXISTING PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, TOTAL NUMBER, LOCATION, AND SIZE OF DOWNSPUTS AND ANY OTHER APPURTENANCES WHICH ARE CONNECTED TO THE BUILDING.
- ALL DIMENSIONS AND RADII ARE TO THE BACK OF CURB, CENTER OR END OF STRIPE, FACE OF BUILDING, OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
- CONTRACTOR IS REQUIRED TO REMOVE OR RELOCATE, IN A PROPER MANNER, EXISTING IMPROVEMENTS INDICATED ON THE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. NO SEPARATE PAY FOR THIS WORK.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND REPLACEMENT OF ALL PROPERTY CORNERS. PROPERTY CORNERS DAMAGED BY CONTRACTOR SHALL BE REPLACED BY A REGISTERED PROFESSIONAL LAND SURVEYOR AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING ALL EXISTING DAMAGE AND NOTIFY OWNER AND/OR ENGINEER PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING EXISTING ITEMS DAMAGED DURING CONSTRUCTION. SUCH AS, BUT NOT LIMITED TO, DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. DAMAGES SHALL BE REPORTED TO ENGINEER OR RECORD PRIOR TO REPAIR. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN, EXISTING CONDITIONS.
- PROPOSED CONSTRUCTION ON THIS SITE SHALL COMPLY WITH THE LATEST REVISION OF THE ADA REGULATIONS AND THE TEXAS ACCESSIBILITY STANDARDS (TAS). EROSION AND SEDIMENTATION CONTROL DURING CONSTRUCTION SHALL BE IN COMPLIANCE WITH LOCAL AND STATE REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER DRAINAGE THROUGHOUT THE SITE DURING CONSTRUCTION. CARE SHALL BE TAKEN TO PREVENT ANY NEGATIVE IMPACTS TO ADJACENT PROPERTIES.
- CONTRACTOR SHALL CAREFULLY MONITOR WEATHER PATTERNS AND PREPARE FOR EXPECTED EVENTS. SPECIAL CARE SHALL BE TAKEN TO EXAMINE SITE PRIOR TO WEEKENDS OR ABSENCES FROM THE WORKSITE.
- NO HAZARDOUS MATERIALS WERE IDENTIFIED DURING PRELIMINARY SITE INVESTIGATIONS. ANY ITEMS FOUND SUSPECT DURING CONSTRUCTION SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

**FIRE LANE STRIPING NOTE**

LOCATION OF FIRE LANE STRIPING SHALL BE APPROVED BY THE LOCAL FIRE MARSHAL PRIOR TO APPLICATION. UNLESS OTHERWISE DIRECTED BY THE FIRE MARSHAL, FIRE LANE STRIPING SHALL BE RED PAINTED STRIPE ALONG TOP AND FACE OF CURB, FACE OF SIDEWALK, OR DIRECTLY ADJACENT TO PROPOSED PARKING LOT STRIPING, WITH 4" WHITE STENCILED LETTERS "FIRE LANE - NO PARKING" PAINTED ON RED STRIPE AT 2' CENTER TO CENTER.

**PERMITS NOTE**

CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED BY FEDERAL, STATE, OR LOCAL CODES AND/OR UTILITY SERVICE COMPANIES PRIOR TO START OF CONSTRUCTION.

**STABILIZATION NOTE**

ALL NON-PAVED AREAS WITHIN THE LIMITS OF THIS PROJECT SHALL RECEIVE 4" OF CLEAN TOPSOIL AND HYDROMULCH OR SOIL. CONTRACTOR IS FULLY RESPONSIBLE TO ENSURE THAT 4" OF TOPSOIL IS IN PLACE AND GRASS IS ESTABLISHED AT THE CLOSEOUT OF THE PROJECT. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR MUST IMPORT CLEAN TOPSOIL TO SATISFY THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS. ALL AREAS DISTURBED OUTSIDE THE PROPERTY BOUNDARY SHALL ALSO BE ESTABLISHED AND COVER.

CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY WATERING UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.

**TOPOGRAPHIC SURVEY NOTE**

EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS PREPARED BY 300 SURVEYING. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW. THE ENGINEER'S SEAL ON THESE PLANS DOES NOT APPLY TO THE PROPERTY BOUNDARY INFORMATION SHOWN HEREON.

**TRAFFIC CONTROL NOTE**

GUIDELINES SET FORTH IN PART "V" STANDARDS AND GUIDES FOR TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY, AND ACCIDENT MANAGEMENT OPERATIONS" OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MOST RECENT EDITION AS REVISED) SHALL BE OBSERVED.

**INSPECTIONS/CERTIFICATIONS NOTE**

ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY LOCAL CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO SUBSTANTIAL PROJECT COMPLETION.

**\*\*TEXAS ONE CALL SYSTEM\*\***

AS REQUIRED BY THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, TEXAS ONE CALL SYSTEM MUST BE CONTACTED (800-248-4543) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS. PERFORMING IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM.

**SITE INFORMATION**

LEGAL DESCRIPTION: LOT 12A & 12B HALLAM SUBDIVISION

PROPOSED USE: COMMUNITY CENTER

OWNER/DEVELOPER: ANDERSON COUNTY  
70 NORTH MALLARD STREET, SUITE 101  
PALESTINE, TEXAS 75802

SITE ADDRESS: 603 NORTH SYCAMORE STREET

ZONED: CBD - CENTRAL BUSINESS DISTRICT

SETBACKS: FRONT - 10'  
SIDE - 10'  
HEIGHT - 32' (3 STORIES)

**FIRE FLOW DATA**

TOTAL FLOOR AREA SQUARE FOOTAGE PER ARCHITECT

TOTAL AREA	3,333 s.f.
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- FIRE FLOW CALCULATIONS OBTAINED FROM PFC (CURRENT VERSION).
- APPENDIX B, SECTION B104.2 GENERAL.
- ACCESSIBLE ROUTES SHALL NOT HAVE A CROSS SLOPE GREATER THAN 2.0% (1:48).
- ACCESSIBLE ROUTES WITH A RUNNING SLOPE GREATER THAN 5.0% (1:20) IS A RAMP AND SHALL BE CONSTRUCTED WITH HANDRAILS AND 9" x 9" LANDINGS. RAMP SLOPE SHALL NOT EXCEED 8.33% (1:12).
- SURFACE OF CURB RAMPS SHALL BE CONSTRUCTED WITH ADA COMPLIANT SURFACE TEXTURE AND CONTRASTING COLOR. RAMP SLOPE SHALL NOT EXCEED 8.33% (1:12). CURB RAMPS SHALL NOT EXCEED 6" LENGTH.
- ACCESSIBLE PARKING SPACE SLOPES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS. ADA COMPLIANT SIGNAGE SHALL BE PROVIDED FOR EACH ACCESSIBLE SPACE.

**LEGEND**

ALL UTILITIES ARE EXISTING UNLESS NOTED OTHERWISE

INDICATES TYPE OF LINE

INDICATES SIZE OF LINE

INDICATES PAVEMENT TYPE

"L" = LIGHT DUTY CONCRETE

"M" = MEDIUM DUTY CONCRETE

"H" = HEAVY DUTY CONCRETE (REFER TO PAVEMENT DETAILS)

INDICATES TYPE OF LINE

INDICATES SIZE OF LINE

RADIUS DIMENSION (UNLABELED RADII ARE 2:1)

WATER METER

WATER VALVE

FIRE HYDRANT

SEWER MANHOLE

POWER POLE

DOUBLE SANITARY SEWER CLEAN OUT

NUMBER OF PARKING SPACES PER ROW

STORM SEWER

WATER LINE

OVERHEAD ELECTRIC LINE

PROPOSED FIRE LANE

PROPOSED CURB AND GUTTER

PROPOSED FENCING, REFER TO BUILDING PLANS FOR CONSTRUCTION INFORMATION

**811**

Know what's below.  
Call before you dig.

GRAPHIC SCALE  
1 inch = 10 ft.

**\*\*CAUTION\*\* - NOTICE TO CONTRACTOR**

THE CONTRACTOR IS PUT ON NOTICE THAT THERE MAY BE NUMEROUS UNDERGROUND UTILITIES IN THE LINE OF WORK, SUCH AS WATER, SEWER, GAS, PIPELINE, TELEPHONE AND ELECTRIC. SOME MAY BE ABANDONED WHILE MANY ARE ACTIVE. EXISTING UTILITIES SHOWN ON THE PLANS REPRESENT A DILIGENT EFFORT TO SHOW THEIR APPROXIMATE LOCATION.

THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN CONDUCTING EXCAVATION OPERATIONS. DAMAGES SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE.

THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENT SHOWN ON THE PLANS.

**SITE AND UTILITY PLAN**

ISSUED FOR PERMIT

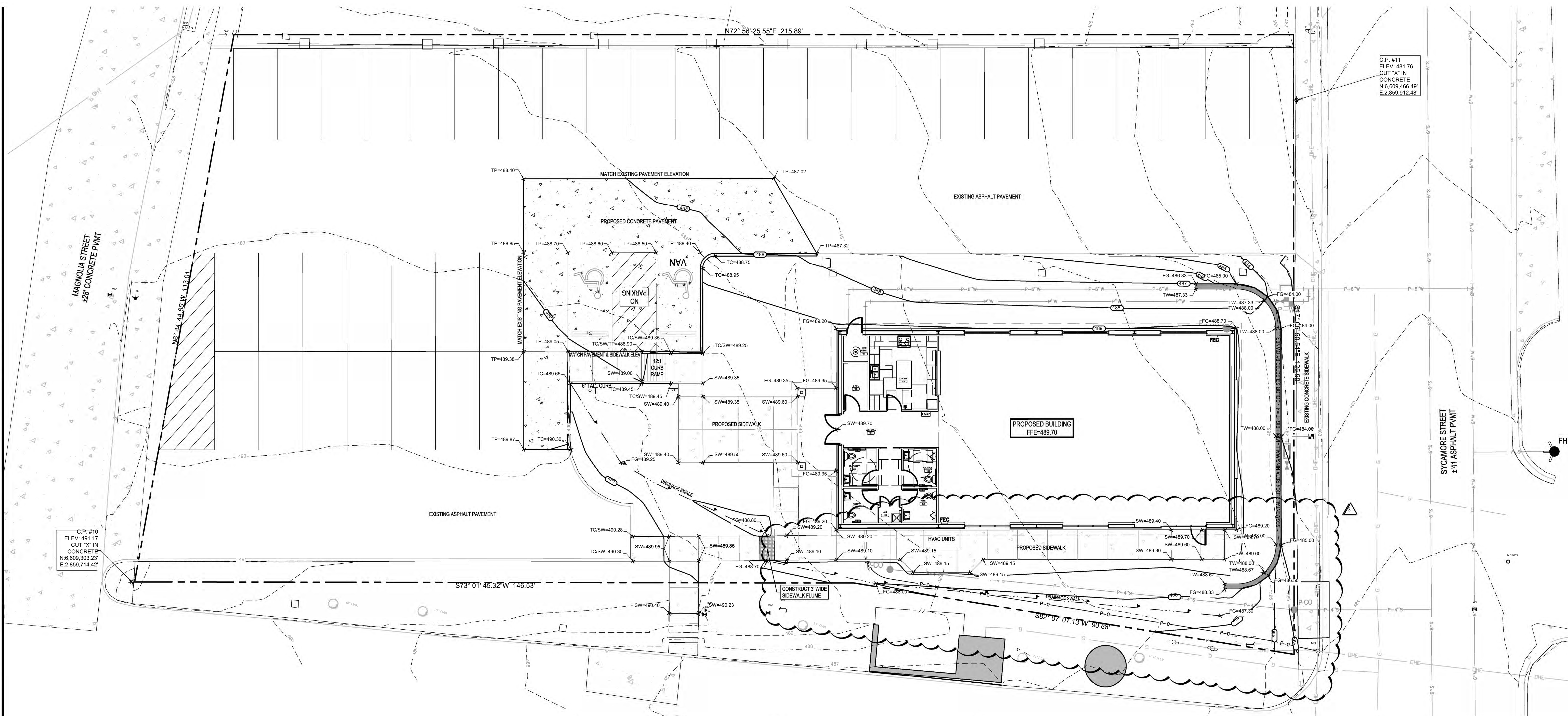
DATE: 06/01/2026

SCALE: 1"=10'

4.0

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REVISIONS: 1. 06/10/2026: 1008-0177: JAH: JAH: 1"=10' (REVISED) 5.0  
 DRAWN BY: JAH  
 CHECKED BY: JAH  
 DATE: 06/10/2026  
 SCALE: 1"=10'  
 SHEET NO.: 1008-0177



C.P. #11  
 ELEV: 481.76  
 CUT "X" IN  
 CONCRETE  
 N 6.609,466.49'  
 E 2.859,912.48'

C.P. #11  
 ELEV: 491.17  
 CUT "X" IN  
 CONCRETE  
 N 6.609,303.23'  
 E 2.859,714.42'

**ABLE ENGINEERING, PLLC**  
 180 CLOVER LANE  
 DALLAS, TEXAS 75240  
 TEL: 972.359.3322  
 TBPELS FIRM #24175  
 email: jeff@able-eng.net

STATE OF TEXAS  
**JEFF HAMILTON**  
 86497  
 PROFESSIONAL ENGINEER  
 06/10/2026

**ANDERSON COUNTY**  
**AGRILIFE BUILDING**  
**603 NORTH SYCAMORE STREET**  
**PALESTINE, TEXAS 75802**

NO.	DESCRIPTION	DATE	BY	APP.
1				
2				
3				

**PAVEMENT SUBGRADE PREPARATION**  
 THESE GUIDELINES ARE PROVIDED WITHOUT THE BENEFIT OF A GEOTECHNICAL RECOMMENDATION AND ARE CONSIDERED TO BE INDUSTRY STANDARD PRACTICES. IF A GEOTECHNICAL INVESTIGATION IS PERFORMED, ITS RECOMMENDATIONS SHALL FOLLOWED IF A CONFLICT WITH THESE NOTES EXISTS.  
 TO PREPARE THE PAVEMENT SUBGRADE AREAS, STRIP AND REMOVE ALL EXISTING PAVEMENT AND ANY LOOSE AND/OR WEAR SOIL, ROOTS AND DEBRIS TO A DRY AND STABLE SUBGRADE.  
 AFTER STRIPPING AND UNDERCUTTING, AS REQUIRED BY THE GRADING PLAN (THIS SHEET) ALL PAVEMENT AREAS SHALL BE PROOF ROLLED WITH A HEAVY, LOADED PNEUMATIC-TIRED VEHICLE SUCH AS A 20 TO 25 TON LOADED DUMP TRUCK OR SCRAPER. IT IS MANDATORY THAT ALL PAVEMENT AREAS BE PROOF ROLLED TO IDENTIFY LOOSE OR SOFT SOILS. ALL PROOF ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE WITNESSED BY THE GEOTECHNICAL ENGINEER AND SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER. ANY WEAK AREAS WHICH YIELD UNDER PROOF ROLL, OR ANY AREAS WITH A TENDENCY TO PUMP, SHOULD BE MITIGATED. SUCH MITIGATION MAY INCLUDE:  
 1. OVEREXCAVATION AND BACKFILLING,  
 2. REPROFESSING TO REMOVE MOISTURE,  
 3. CHEMICAL MODIFICATION WITH LIME OR CEMENTITIOUS ADMIXTURES, OR  
 4. INSTALLATION OF GEOSYNTHETICS.  
 AFTER STRIPPING, EXCAVATING WHERE REQUIRED, AND PROOF ROLLING BUT PRIOR TO PLACING FILL, THE EXPOSED SOILS SHOULD BE SCARIFIED AND THEN PROCESSED TO A MOISTURE CONTENT BETWEEN ONE PERCENTAGE POINT BELOW (-1%) TO THREE PERCENTAGE POINTS ABOVE (+3%) THE STANDARD PROCTOR OPTIMUM. THE SUBGRADE SOILS SHOULD BE RECOMPACTED. FOR COHESIVE (CLAY) SUBGRADE SOILS COMPACTION SHOULD BE TO A MINIMUM OF 90% OF MAXIMUM DRY DENSITY (DEFINED BY THE STANDARD PROCTOR (ASTM D 698) FOR A DEPTH OF AT LEAST EIGHT (8) INCHES BELOW THE SURFACE. AND FOR NON-COHESIVE (SILTS AND SANDS) SUBGRADE SOILS SHOULD BE COMPACTION TO 100% OF MAXIMUM DRY DENSITY DEFINED BY THE STANDARD PROCTOR (ASTM D 698) FOR A DEPTH OF AT LEAST EIGHT (8) INCHES BELOW THE SURFACE.  
 FILL SHOULD BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIALS AND SHOULD BE COMPACTION WITHIN THE RANGE OF ONE PERCENTAGE POINT BELOW (-1%) TO THREE PERCENTAGE POINTS ABOVE (+3%) THE OPTIMUM MOISTURE CONTENT VALUE AND A MINIMUM OF 90% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D 698) TEST. IF WATER MUST BE ADDED, IT SHOULD BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING.  
 EACH LIFT OF COMPACTIONED SOIL SHOULD BE TESTED AND INSPECTED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. AS A GUIDELINE, IT IS RECOMMENDED THAT FIELD DENSITY TESTS BE TAKEN AT A FREQUENCY OF NOT LESS THAN ONE (1) TEST PER 5,000 SQUARE FEET OF SURFACE AREA PER LIFT OR A MINIMUM OF FOUR (4) TEST PER LIFT FOR EACH TESTED AREA FOR THE PAVEMENT AREA.

**SELECT FILL PREPARATION**  
 THESE GUIDELINES ARE PROVIDED WITHOUT THE BENEFIT OF A GEOTECHNICAL RECOMMENDATION AND ARE CONSIDERED TO BE INDUSTRY STANDARD PRACTICES. IF A GEOTECHNICAL INVESTIGATION IS PERFORMED, ITS RECOMMENDATIONS SHALL FOLLOWED IF A CONFLICT WITH THESE NOTES EXISTS.  
 SELECT SELECT FILL MATERIAL SHALL HAVE THE FOLLOWING CHARACTERISTICS:  
 1. CONSIST OF HOMOGENEOUS SOILS (I.E. NOT SAND WITH CLAY LUMPS) AND BE FREE OF ORGANIC MATTER OR OTHER DELICIOUS MATERIALS AND FREE OF ROCKS LARGER THAN 3 INCHES IN DIAMETER  
 2. LIQUID LIMIT LESS THAN 40  
 3. PLASTICITY INDEX BETWEEN EIGHT (8) AND EIGHTEEN (18)  
 4. PERCENT PASSING THE NO. 200 SIEVE BETWEEN 30 AND 75  
 5. MAXIMUM HYDRAULIC CONDUCTIVITY (G) OF THE COMPACTED MATERIAL OF 1 X 10-5 CM/SEC.  
 ATTERBERG LIMITS TESTING OF THE FILL IS REQUIRED AND SHALL NOT EXCEED A RATE OF 1 TEST PER 500 CUBIC YARDS OF FILL (AND AS VISUAL CHANGES OCCUR).  
 THE SELECT FILL MATERIAL SHALL BE PLACED IN MAXIMUM LIFTS OF NINE (9) INCHES OF LOOSE MATERIAL AND SHOULD BE COMPACTION WITHIN THE RANGE OF OPTIMUM TO THREE PERCENTAGE POINTS ABOVE (+3%) OPTIMUM MOISTURE CONTENT VALUE AND A MINIMUM OF 90% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D 698) TEST. IF WATER MUST BE ADDED, IT SHOULD BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. CONTRACTOR SHALL MAINTAIN THE SPECIFIED MOISTURE CONTENT UNTIL THE SUBGRADE IS COVERED WITH FILL OR PAVEMENT.  
 EACH LIFT OF COMPACTIONED SOIL SHOULD BE TESTED AND INSPECTED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. FIELD DENSITY TEST SHALL BE AT A FREQUENCY OF NOT LESS THAN ONE (1) TEST PER 3,000 SQUARE FEET OF SURFACE AREA PER LIFT OR A MINIMUM OF TWO (2) TEST PER LIFT FOR EACH TESTED AREA FOR THE PAVEMENT.  
**GENERAL GRADING NOTES**  
 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHOD OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.  
 2. ALL CUT OR FILL SLOPES SHALL BE 3:1 MAXIMUM UNLESS OTHERWISE NOTED.  
 3. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND A INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREAS SHALL THEN BE SOCCED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES, 3:1 OR STEEPER. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.  
 4. EXISTING GRADE CONTOUR INTERVAL SHOWN AT 1 FOOT.  
 5. PROPOSED GRADE CONTOUR INTERVAL SHOWN AT 1 FOOT.  
 6. CONTRACTOR SHALL ADJUST GRADERS ADJACENT TO EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.

**BUILDING PAD PREPARATION**  
 THESE GUIDELINES ARE PROVIDED WITHOUT THE BENEFIT OF A GEOTECHNICAL RECOMMENDATION AND ARE CONSIDERED TO BE INDUSTRY STANDARD PRACTICES. IF A GEOTECHNICAL INVESTIGATION IS PERFORMED, ITS RECOMMENDATIONS SHALL FOLLOWED IF A CONFLICT WITH THESE NOTES EXISTS.  
 THE EXISTING SURFICIAL VEGETATION / TOPSOIL AND EXISTING PAVEMENT SHALL BE REMOVED AND EXCAVATED TO FINISHED SUBGRADE. VOIDS THAT RESULT FROM DEMOLITION ACTIVITY SHALL BE BACKFILLED WITH MOISTURE AND DENSITY CONTROLLED SELECT FILL MATERIAL TO FINISHED SUBGRADE. THE EXPOSED SUBGRADE SHALL BE PROOF ROLLED AND COMPACTION TO A MINIMUM 90% STANDARD PROCTOR. SCARIFY THE EXPOSED SUBGRADE, ADJUST THE MOISTURE CONTENT AND RECOMPACT PLACE SELECT FILL TO FINISHED SUBGRADE (ALL SELECT FILL SHOULD BE TESTED TO VERIFY COMPLIANCE WITH THE RECOMMENDATIONS). THE FOLLOWING ARE PROVIDED FOR RECOMMENDED FOUNDATION SUBGRADE PREPARATIONS. AFTER STRIPPING AND UNDERCUTTING, AS REQUIRED BY THE GRADING PLAN (THIS SHEET), THE BUILDING AREA SHOULD BE PROOF ROLLED WITH A HEAVY, LOADED PNEUMATIC-TIRED VEHICLE SUCH AS A 20 TO 25 TON LOADED DUMP TRUCK OR SCRAPER. IT IS RECOMMENDED THAT ALL AREAS BENEATH THE FLOOR SLAB BE PROOF ROLLED TO IDENTIFY LOOSE OR SOFT SOILS. ALL PROOF ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE WITNESSED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE, AND SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER. ANY WEAK AREAS WHICH YIELD UNDER PROOF ROLL, OR ANY AREAS WITH A TENDENCY TO PUMP, SHOULD BE MITIGATED. SUCH MITIGATION MAY INCLUDE:  
 1. OVEREXCAVATION AND BACKFILLING,  
 2. REPROFESSING TO REMOVE MOISTURE,  
 3. CHEMICAL MODIFICATION WITH LIME OR CEMENTITIOUS ADMIXTURES, OR  
 4. INSTALLATION OF GEOSYNTHETICS.  
 AFTER STRIPPING, EXCAVATING WHERE REQUIRED, AND PROOF ROLLING BUT PRIOR TO PLACING FILL, THE EXPOSED SOILS SHOULD BE SCARIFIED AND THEN PROCESSED TO A MOISTURE CONTENT BETWEEN OPTIMUM TO THREE PERCENTAGE POINTS ABOVE (+3%) THE STANDARD PROCTOR OPTIMUM. THE SUBGRADE SOILS SHOULD BE RECOMPACTED TO A DRY DENSITY OF AT LEAST 90% OF THE STANDARD PROCTOR (ASTM D 698) MAXIMUM DRY DENSITY FOR A DEPTH OF AT LEAST EIGHT (8) INCHES BELOW THE SURFACE. CONTRACTOR SHALL MAINTAIN SPECIFIED MOISTURE CONTENT UNTIL SUBGRADE IS COVERED WITH FILL OR SLAB.

**LEGEND**  
 TC TOP OF CURB  
 TP TOP OF PAVEMENT  
 TW TOP OF WALL  
 TI TOP OF INLET  
 TG TOP OF GRATE  
 SW SIDEWALK  
 FG FINISHED GRADE  
 PROPOSED SPOT ELEVATION  
 EXISTING CONTOUR  
 PROPOSED CONTOUR  
 335  
 336  
**STABILIZATION NOTE**  
 ALL NON-PAVED AREAS WITHIN THE LIMITS OF THIS PROJECT SHALL RECEIVE 4" OF CLEAN TOPSOIL AND HYDROMULCH OR SOLO. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT 4" OF TOPSOIL IS IN PLACE AND GRASS IS ESTABLISHED AT THE CLOSEOUT OF THE PROJECT. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR MUST IMPORT CLEAN TOPSOIL TO SATISFY THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS. ALL AREAS DISTURBED OUTSIDE THE PROPERTY BOUNDARY SHALL ALSO BE STABILIZED AND COVER SHALL BE ESTABLISHED TO PREVENT EROSION.  
 CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY WATERING UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.  
**TOPOGRAPHIC SURVEY NOTE**  
 EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS PREPARED BY 3RD SURVEYING. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW. THE ENGINEER'S SEAL ON THESE PLANS DOES NOT APPLY TO THE PROPERTY BOUNDARY INFORMATION SHOWN HEREON.  
**INSPECTIONS/CERTIFICATIONS NOTE**  
 ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY LOCAL CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO SUBSTANTIAL PROJECT COMPLETION.  
**\*\*TEXAS ONE CALL SYSTEM\*\***  
 AS REQUIRED BY THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, TEXAS ONE CALL SYSTEM MUST BE CONTACTED (800-248-4848) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM.

**811**  
 Know what's below.  
 Call before you dig.  
 GRAPHIC SCALE  
 1 inch = 10 ft.

**\*\*CAUTION\*\* - NOTICE TO CONTRACTOR**  
 THE CONTRACTOR IS PUT ON NOTICE THAT THERE MAY BE NUMEROUS UNDERGROUND UTILITIES IN THE LINE OF WORK, SUCH AS WATER, SEWER, GAS, PIPELINE, TELEPHONE AND ELECTRIC. SOME MAY BE ABANDONED WHILE MANY ARE ACTIVE. EXISTING UTILITIES SHOWN ON THE PLANS REPRESENT A BEST EFFORT TO SHOW THEIR APPROXIMATE LOCATION.  
 THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN CONDUCTING EXCAVATION OPERATIONS. DAMAGES SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE.  
 THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST FIELD LOCATION OF UTILITIES.  
 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENT SHOWN ON THE PLANS.  
**ACCESSIBILITY NOTES**  
 1. PROPOSED CONSTRUCTION ON THIS SITE SHALL COMPLY WITH THE LATEST REVISION OF THE ADA REGULATIONS AND THE TEXAS ACCESSIBILITY STANDARDS (TAS).  
 2. ACCESSIBLE ROUTES SHALL NOT HAVE A CROSS SLOPE GREATER THAN 2.0% (1:48). ACCESSIBLE ROUTE SURFACE SHALL BE SLIP RESISTANT AND CONSTRUCTED IN A MANNER THAT WILL NOT RETAIN WATER AND BE A MINIMUM OF 3 FEET WIDE.  
 3. ACCESSIBLE ROUTES WITH A RUNNING SLOPE GREATER THAN 5.0% (1:20) IS A RAMP AND SHALL BE CONSTRUCTED WITH HANDRAILS AND 2" X 4" LANDINGS. RAMP SLOPE SHALL NOT EXCEED 8.33% (1:12).  
 4. SURFACE OF CURB RAMPS SHALL BE CONSTRUCTED WITH ADA COMPLIANT SURFACE TEXTURE AND CONTRASTING COLOR. RAMP SLOPE SHALL NOT EXCEED 1:12.  
 5. CURB RAMPS SHALL NOT EXCEED IN LENGTH.  
 6. ACCESSIBLE PARKING SPACE SLOPES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS. ADA COMPLIANT SIGNAGE SHALL BE PROVIDED FOR EACH ACCESSIBLE SPACE.

**GRADING PLAN**  
**ISSUED FOR PERMIT**  
 SCALE DATE: 06/10/2026  
 SHEET NO.: 1008-0177  
 DRAWN BY: JAH  
 CHECKED BY: JAH  
 DATE: 06/10/2026  
 SCALE: 1"=10'  
 SHEET NO.: 1008-0177  
**5.0**