CITY OF BRADY COUNCIL AGENDA
REGULAR CITY COUNCIL MEETING
FEBRUARY 3, 2026, 6:00 P.M.

NOTICE is hereby given of a meeting of the City Council of City of Brady, McCulloch County, State of Texas, to be held at **6:00** p.m. February 3, 2026, at the City of Brady Municipal Court Building located at 207 S. Elm St., Brady, Texas, for the purpose of considering the following items. The City Council of the City of Brady, Texas, reserves the right to meet in closed session on any of the items listed below should the need arise and if applicable pursuant to authorization by Title 5, Chapter 551, of the Texas Government Code.

1. CALL TO ORDER, ROLL CALL & CERTIFICATION OF A QUORUM

2. INVOCATION AND PLEDGE OF ALLEGIANCE

3. PUBLIC COMMENTS: Reserved for items NOT listed on the agenda

Please limit individual public comments to three (3) minutes. *In accordance with TX AG opinion, any public comment addressing items not on the agenda, will only be heard by the City Council. No formal action, deliberation, discussion, or comment will be made by City Council. State Law prohibits any deliberation or decisions regarding items presented in public comments. City Council may only make a statement of specific factual information given in response to the inquiry; recite an existing policy; or request staff to place the item on an agenda for a subsequent meeting.*

4. CONSENT AGENDA: Reserved for routine items to save time

Any item may be removed from the Consent Agenda at the request of a Council Member and considered separately following the Consent Agenda approval. All items listed on the Consent Agenda are to be with one motion "Move to approve Consent Agenda."

A. Approval of Minutes for Regular Session meeting on January 20, 2026

5. PRESENTATIONS:

- PPM Annual Report – Karl Friederich

6. PUBLIC HEARINGS:

None

In the very Heart of Texas, the City of Brady is dedicated to fostering a tight-knit community rooted in tradition, resilience, and rural pride. We strive to provide a welcoming, safe, and thriving environment where families flourish, local businesses prosper, and the spirit of the Lone Star State shines through our commitment to sustainable growth, preserving our heritage, and embracing the values of hard work, faith, and neighborly support.

7. INDIVIDUAL CONCERNS:

City Council Members are to deliberate the following items. *Staff will present the item and are prepared to answer City Council Member questions. The Mayor will recognize Council Members as the council discuss the item so everyone is heard. Once the City Council Members finish discussion, the Mayor will recognize attendees who have comments. Attendees and council members need to direct comments to the Mayor as they are recognized. When all comments are complete, the Mayor will call for a motion.*

A. Discussion, consideration and possible action regarding the **second and final reading of Ordinance 1406** of the City of Brady, Texas, to amend FY 2026 Budget for municipal purposes.

B. Discussion, consideration, and possible action regarding the **second and final reading of Ordinance 1407** of the City of Brady, Texas approving request for a SUP (Specific Use Provision) for Entertainment use in the Central Business District for property located at 212 N. Church Street, Fulcher Subdivision, Block 11, Lot 13 (P&Z action 01/13/2026)

C. Discussion, consideration and possible action on selecting a firm for development and concept design of fire department building.

8. STAFF REPORTS:

A. Upcoming Special Events/Meetings:

February 16		President's Day, City Offices Closed, Altered Trash Schedule – Mon. 2/16 picked up on Tues. 2/17, Tues. 2/17 picked up on Wed. 2/18
February 17		Regular City Council Meeting, 6:00
March 3		Regular City Council Meeting, 6:00
March 17		Regular City Council Meeting, 6:00

9. ANNOUNCEMENTS:

Pursuant to the Texas Government Code § 551.0415, City Council Members and City staff may make reports about items of community interest during a meeting of the governing body without having given notice of the report. Items of community interest include: Expressions of thanks, congratulations, or condolence; an honorary or salutary recognition of a public official, public employee, or other citizen, except that a discussion regarding a change in the status of a person's public office or public employment is not an honorary or salutary recognition for purposes of this subdivision; Information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the municipality; and announcements involving an imminent threat to public health and safety of people in the municipality that has arisen after the posting of the agenda.

10. COMMENTS ON FUTURE ITEMS FOR CONSIDERATION:

11. EXECUTIVE SESSION:

The City Council of the City of Brady will adjourn into Executive Session for the following:

- Pursuant to Section 551.071 (Consultation with Attorney), the City Council will consult with the City Attorney about pending or contemplated litigation or on a matter in which the duty of the attorney to the City under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act: Discussion regarding continued joint participation with County of communication/radio tower
- Pursuant to Section 551.074 (Personnel Matters) City Council will meet to deliberate the appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee: City Manager duties & recommendations
- Pursuant to Section 551.072 (Deliberations about Real Property), the City Council will deliberate the purchase, exchange, lease, or value of real properties of the City as the deliberation in an open meeting will have the detrimental effect on the position of the City in negotiations with a third person: Fire Station

12. OPEN SESSION ACTION ON ANY ITEMS COMING OUT OF EXECUTIVE SESSION:

Discussion, consideration or possible action as a result of Executive Session, if any

13. ADJOURNMENT:

I certify that this is a true and correct copy of the City of Brady City Council Meeting Agenda and that this notice as posted on the designated bulletin board at Brady City Hall, 201 E. Main St., Brady, Texas 76825; a place convenient and readily accessible to the public at all times, and said notice was posted on _____ by _____ a.m. / p.m.. and will remain posted continuously for 3 business days prior to the scheduled meeting pursuant to Chapter 551 of the Texas Government Code.

_____

Tina Keys, City Secretary

In compliance with the Americans with Disabilities Act, the City of Brady will provide for reasonable accommodations for persons attending public meetings at City facilities. Requests for accommodation or interpretive services must be received at least 48 hours prior to the meeting. Please contact the City Secretary at 325-597-2152 or tkeys@bradytx.us

Attendance by Other Elected or Appointed Officials: It is anticipated that members of other governmental bodies, and/or city boards, commissions and/or committees may attend the meeting in numbers that may constitute a quorum of the body, board, commission and/or committee. The members of the boards, commissions and/or committees may be permitted to participate in discussion on the same items listed on the agenda, which occur at the meeting, but no action will be taken by such in attendance unless item and action is specifically provided for on an agenda for that body, board, commission or committee subject to the Texas Open Meetings Act.

The City Council of the City of Brady reserves the right to adjourn into Executive Session at any time during the course of this meeting to discuss any of the matters listed on this agenda as authorized by the Texas Government Code Sections 551.071 (Consultation with Attorney), 551.072 (Deliberations regarding Real Property), 551.073 (Deliberations regarding prospective Gifts or Donations), 551.074 (Personnel Matters), 551.076 (Deliberations regarding Security Devices), 551.086 (Deliberate, vote or take final action on competitive matters of the public power utility), and 551.087 (Deliberation regarding Economic Development).

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes written interpretation of the Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.104(c) and the meeting is conducted by all participants in reliance on this opinion.

STATE OF TEXAS

COUNTY OF McCULLOCH

CITY OF BRADY

The City Council of the City of Brady, Texas met in a Regular Meeting on Tuesday, January 20, 2026 at 6:00 p.m. with Mayor Anthony Groves presiding. Council Members present were Terry Phillips, Curtis Owens, and Vickie Roddie. City staff present were Finance Director Lisa McElrath, Public Works Director Steven Miller, Police Chief Randy Batten, City Attorney Sharon Hicks and City Secretary Tina Keys. Also in attendance were Allison Beard, Charles Hodges, James Griffin, and Charles Bush.

1. CALL TO ORDER, ROLL CALL & CERTIFICATION OF A QUORUM

Mayor Groves called the meeting to order at 6:00 p.m. Council quorum was certified.

2. INVOCATION AND PLEDGE OF ALLEGIANCE

Council Member Phillips gave the invocation, and the Pledge of Allegiance was recited.

3. PUBLIC COMMENTS

There were no public comments

4. CONSENT AGENDA

A. Approval of Minutes for Regular Session meeting on January 6, 2026.

Council Member Phillips moved to approve the Consent Agenda. Seconded by Council Member Owens. All Council Members voted "aye" and none "nay". Motion passed with a 3 – 0 vote.

5. PRESENTATIONS:

- First Quarter Financial Report – FY 26– Lisa McElrath presented to Council

6. PUBLIC HEARINGS AND INDIVIDUAL CONCERNS ON PUBLIC HEARING

- Public Hearing to receive comments from the public regarding a request for SUP (Specific Use Provision) for Entertainment use (Gaming room) in the Central Business District for property located at 212 N. Church St., Fulcher Subdivision, Block 11, Lot 13.

Public Hearing was opened at 6:17 p.m. There were no comments. Public hearing was closed at 6:18 p.m.

7. INDIVIDUAL CONCERNS

A. Discussion, consideration and possible action approving the purchase of a Case 580SV Backhoe from ASCO, San Angelo, TX in the amount of $126,550.00. Lisa McElrath presented. Council Member Owens moved to approve the purchase of a Case 580SV Backhoe from ASCO, San Angelo, TX in the amount of $126,550.00. Seconded by Council Member Phillips. All Council Members voted "aye" and none "nay". Motion passed with a 3– 0 vote.

B. Discussion, consideration and possible action regarding the first reading of Ordinance 1406 of the City of Brady, Texas, to amend FY 2026 Budget for municipal purposes. Lisa McElrath presented. Council Member Phillips asked how much is in general construction fund. Lisa answered about $3,500,00. Lisa said that

money can always be transferred elsewhere if necessary. Council Member Owens asked if fund 11 is interest-bearing. Lisa said no. She said it can be should we decide to allow it. She was going to discuss with James and possibly council. It's a discussion we need to have. Do we want that fund to have that interest or the general fund, which is what has been happening. She thought fund 11 is not an operation fund. It was set up to contribute specific dollars to specific events. Until we have a specific game plan on construction and cost, we have posted all interest earned on the Fund 11 money to the General Fund 10 to be utilized for general Government operations. Council Member Ownes said he thought we could generate some interest. Lisa said it is generating interest. The money in fund 11 generates interest but the credit for the interest is not going to this fund, rather, fund 10. Council Member Phillips moved to approve the first reading of Ordinance 1406 with Exhibit A attached. Second, by Council Member Roddie. All Council Members voted "aye" and none "nay". Motion passed with a 3 – 0 vote.

C. Discussion, consideration and possible action regarding the first reading of Ordinance 1407 of the City of Brady, Texas approving request for a SUP (Specific Use Provision) for Entertainment use in the Central Business District for property located at 212 N. Church Street, Fulcher Subdivision, Block 11, Lot 13. James Stewart presented and said it was recommended by Planning & Zoning. P & Z didn't want it to set a precedence. Council Member Phillips asked what it is. James said it's a gaming room. Council Member Roddie moved to approve the first reading of Ordinance 1407. Seconded by Council Member Phillips. All Council Members voted "aye" and none "nay". Motion passed with a 3 – 0 vote.

D. Discussion regarding Brady Youth Sports Foundation (BYSF) and Regional Tournaments. Allison said BYSF has been asked to host a regional tournament for baseball. It's a big thing. It will host 8 – 12 teams to come to Brady. She will have schedules in February with Opening Day the end of March. It is an all-star regional tournament. We would hold the 8U tournament. BYSF is trying to do their part also. There is controversy with other teams wanting to get started, but they are willing to work with them. Council Member Phillips said tournaments do bring in revenue to the city. It's a double elimination so people will be wanting to stay and spend the night. James Stewart said it's a good partnership that we've built. Allison said they appreciate all the work that the city puts into it. Allison said we have really good coaches and volunteers. Council Member Phillips said this meant a lot to Council Member Aaron Garcia so he would like to keep it moving in his memory.

E. Discussion and update on Fire Department plans. James said it would be discussed in Executive Session

8. STAFF REPORTS

A. Monthly Financial / Utility Reports

B. Monthly Activity Reports: Seniors, Golf, BPD, Fire-EMS Calls, BVFD Expense Report, Animal Control, Airport, Code Enforcement, Municipal Court

C. Upcoming Special Events/Meetings:

January 21		Good New Luncheon
February 3		Regular City Council Meeting, 6:00
February 16		President's Day Holiday, City Offices Closed, Altered Trash Schedule – Mon. 2/16 picked up on Tues. 2/17, Tues. 2/17 picked up on Wed. 2/18
February 17		Regular City Council Meeting, 6:00

9. ANNOUNCEMENTS

There were no announcements

10. COMMENTS ON FUTURE ITEMS FOR CONSIDERATION

There were no comments

11. EXECUTIVE SESSION

The City Council of the City of Brady adjourned into Executive Session for the following:

- Pursuant to Section 551.071 (Consultation with Attorney), the City Council will consult with the City Attorney about pending or contemplated litigation or on a matter in which the duty of the attorney to the City under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act:
- Pursuant to Section 551.074 (Personnel Matters) City Council will meet to deliberate the appointment, employment, evaluation, reassignment, duties, discipline or dismissal of a public officer or employee: City Manager duties & recommendations
- Pursuant to Section 551.072 (Deliberations about Real Property), the City Council will deliberate the purchase, exchange, lease, or value of real properties of the City as the deliberation in an open meeting will have the detrimental effect on the position of the City in negotiations with a third person: Police Station / Fire Station

Open session recessed at 6:52 p.m. Executive Session was opened at 7:05 p.m. and closed at 8:26 p.m. Regular Session resumed at that time.

12. OPEN SESSION ACTION ON ANY ITEMS COMING OUT OF EXECUTIVE SESSION

Council Member Owens moved to authorize the City Manager to (1) continue to look at two sites for the fire station, including expending funds for asbestos assessments and bring back information and/or proposals to the council as appropriate, and (2) to seek designs from Makers Design and Covington Contractors for previously designed fire stations and new designs to expedite process. Seconded by Council Member Roddie. All Council Members vote “aye” and none “nay”. Motion passed with a 3 – 0 vote.

13. ADJOURNMENT

There being no further business, Council Member Phillips moved to adjourn. Seconded by Council Member Owens. Mayor Groves adjourned the meeting at 8:37 p.m.

_____

Anthony Groves, Mayor

Attest: _____

Tina Keys, City Secretary

City Council
City of Brady, Texas
Agenda Action Form for Ordinance

AGENDA DATE:	2-3-26	**AGENDA ITEM**	7.A.
AGENDA SUBJECT:	Discussion, consideration and possible action regarding **second reading of Ordinance 1406** of the City of Brady, Texas, to amend FY 2026 Budget for municipal purposes.		
PREPARED BY:	Lisa McElrath	**Date Submitted:**	1-21-26
EXHIBITS:	Ordinance 1406 Exhibit A - Amendment Summary*		
BUDGETARY IMPACT:	**Required Expenditure:**	$*	
	Amount Budgeted:		
	Appropriation Required:	$*	
CITY MANAGER APPROVAL:			

SUMMARY:

The City closed on the Council approved sale of the Gas System on October 1, 2025. Now that all transactions have been executed, staff is requesting to reassign budget commitments to other funds and formalize direction on where to transfer the remaining unrestricted Gas Division funds.

Budget commitments for the administrative assistant and property/liability insurance must be transferred to other funds taking over ownership of these expenses. The administrative assistant is now 100% under the Finance Department. Most of the vehicles and heavy equipment owned by the Gas System stayed with the City. Therefore, funds 10(General),20(Electric),30(Water/Sewer) and 60(Solid Waste) will absorb the associated insurance expenditure. Inventory in the amount of $39,056.34 was purchased from Fund 50 (Utility Support) where the Gas system's inventory is owned until used. (These items were purchased in turn by WTG.) Therefore, staff is requesting to reallocate $40,000 of budgeted Transfer expense to Fund 50 (40-5-42-910.50) General expense (40-5-42-312.00), reducing the Transfer to Fund 50 to only $20,000.

The remaining unrestricted Gas funds of $2,588,484 are available to distribute/transfer to the General Construction Fund (11) or where the council so desires. Staff is assuming that the focus is to transfer unrestricted cash to the General Construction fund to support the cost of future Fire/EMS and Police facilities.

Included with the current amendment is a request to add one new expenditure. After the FY 26 budget process was completed, staff had an opportunity to apply for a 100% grant from the CVCOG (Concho Valley Council of Governments) to obtain a cardboard recycling baler for the Solid Wasted Division in the amount of $18,000. Staff anticipates that possible award of the grant will be announced this spring. Staff is requesting that the potential transaction be approved in the City's FY 26 budget cycle so that if awarded, staff may immediately purchase the baler. (If the award is denied, the budget funds will not be spent since the approved revenue source did not materialize.)

Exhibit A provides a recap of amending items for Council review and approval.

RECOMMENDED ACTION:
Mayor will ask: "Madam City Secretary please read the Ordinance Preamble for the record in accordance with the City Charter." **"Secretary reads preamble"** Mayor calls for a motion: Move to approve the **second and final** reading of **Ordinance 1406** with Exhibit A attached.

ORDINANCE NO. 1406

AN ORDINANCE OF THE CITY OF BRADY, TEXAS AMENDING THE FISCAL YEAR 2025-2026 BUDGET FOR MUNICIPAL PURPOSES:

An ordinance amending the 2025-2026 Fiscal Year Budget for municipal purposes as follows:

- Transferring ownership of unrestricted funds from the sale of the Gas Distribution System totaling $2,588,484 to the General Construction fund and reassigning budget commitments to other municipal funds.

- Allocating $18,000 for the purchase of a recycling baler should the city be awarded grant funds.

All items by Fund and Division are detailed by Exhibit A, attached.

NOW, THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BRADY TEXAS that the FY 2025-2026 budget be amended accordingly.

APPROVED UPON FIRST READING THIS THE 20th DAY OF January 2026,

APPROVED AND PASSED UPON SECOND READING THIS THE 3rd DAY OF February 2026.

_____
Anthony Groves, Mayor

ATTEST: _____
Tina Keys, City Secretary

CITY OF BRADY
Ordinance 1406 - EXHIBIT A
Budget - FY 26 Amendment Summary
1-20-2026 First reading

REVENUES
EXPENDITURES

REQUEST	AMOUNT INC/(DEC)	BUDGET NUMBER	BUDGET DESCRIPTION	AMENDED BUDGET
GENERAL FUND -10				
Transfer in Gas funds for expenditure commitments	$ 26,200	10-4-01-910.40	Transfers in from Gas Fund	$ 26,200
Payroll commitment - Administrative Assistant	$ 15,000	10-5-44-101.00	Payroll	$ 297,009
Insurance commitment	$ 5,000	10-5-44-110.00	Hospital Insurance	$ 54,680
TMRS commitment	$ 1,400	10-5-44-111.00	Retirement	$ 28,116
Payroll tax commitment	$ 1,200	10-5-44-114.00	Payroll tax	$ 23,228
Insurance commitment	$ 3,600	10-5-01-204.00	Property Liability Insurance	$ 52,100
	$ 26,200			
Fund Balance change:	$ -			
GENERAL CONSTRUCTION FUND - 11				
Assign ownership of unrestricted funds	$ 2,588,484	11-4-28-910.40	Transfers in from Gas Fund	$ 2,588,484
ELECTRIC FUND - 20				
Transfer in Gas funds for expenditure commitments	$ 15,700	20-4-22-910.40	Transfers in from Gas Fund	$ 15,700
Insurance commitment	$ 15,700	20-5-22-204.00	Property Liability Insurance	$ 37,450
Fund Balance change:	$ -			
WATER / SEWER FUND - 30				
Transfer in Gas funds for expenditure commitments	$ 6,800	30-4-31-910.40	Transfers in from Gas Fund	$ 6,800
Transfer in Gas funds for expenditure commitments	$ 6,800	30-4-23-910.40	Transfers in from Gas Fund	$ 6,800
	$ 13,600			
Insurance commitment	$ 6,800	30-5-31-204.00	Property Liability Insurance	$ 24,700
	$ 6,800	30-5-23-204.00	Property Liability Insurance	$ 26,000
	$ 13,600			
Fund Balance change:	$ -			
SOLID WASTE - 60				
Transfer in Gas funds for expenditure commitments	$ 13,600	60-4-14-910.40	Transfers in from Gas Fund	$ 13,600
Grant funding from CVGOG - recycling baler	$ 18,000	60-4-14-813.00	CVGOG Grant	$ 18,000
Insurance commitment	$ 13,600	60-5-14-204.00	Property Liability Insurance	$ 30,650
Purchase a recycling baler	$ 18,000	60-5-14-402.00	Capital Equipment	$ 18,000

Fund Balance change: $ -

CITY OF BRADY
Ordinance 1406 - EXHIBIT A
Budget - FY 26 Amendment Summary
1-20-2026 First reading

REVENUES
EXPENDITURES

REQUEST	AMOUNT INC/(DEC)	BUDGET NUMBER	BUDGET DESCRIPTION	AMENDED BUDGET
GAS - 40				
Reassign payroll to Finance - Admin Assistant	$ (15,000)	40-5-42-101.00	Payroll	$ -
	$ (5,000)	40-5-42-110.00	Hospital Insurance	$ -
	$ (1,400)	40-5-42-111.00	Retirement	$ -
	$ (1,200)	40-5-42-114.00	Payroll taxes	$ -
Transfer funds to support budget commitments	$ 22,600	40-5-42-910.10	Transfers out to F10	$ 22,600
Reassign expenditure to funds 10,20,30,60	$ (46,500)	40-5-42-204.00	Property Liability Insurance	$ -
Transfer funds to support budget commitments	$ 3,600	40-5-42-910.10	Transfers out to F10	$ 26,200
	$ 15,700	40-5-42-910.20	Transfers out to F20	$ 15,700
	$ 13,600	40-5-42-910.30	Transfers out to F30	$ 13,600
	$ 13,600	40-5-42-910.60	Transfers out to F60	$ 13,600
Purchase inventory from Fund 50 (sold to WTG)	$ 40,000	40-5-42-312.00	General	$ 40,000
Budgeted transfer-out not needed	$ (40,000)	40-5-42-910.50	Transfers out to Fund 50	$ 20,000
Fund Balance change:	$ -			
Transfer remaining fund balance to Fund 11	$ 2,588,484	40-5-42-910.11	Transfers out to Fund 11	$ 2,588,484

CITY COUNCIL
CITY OF BRADY, TEXAS
AGENDA ACTION FORM for ORDINANCE

AGENDA DATE:	02/03/2626	**AGENDA ITEM**	7.B.
AGENDA SUBJECT:	Discussion, consideration, and possible action regarding the second and final reading of Ordinance 1407 of the City of Brady, Texas approving request for a SUP (Specific Use Provision) for Entertainment use in the Central Business District for property located at 212 N. Church Street, Fulcher Subdivision, Block 11, Lot 13 (P&Z action 01/13/2026)		
PREPARED BY:	Tina Keys	**Date Submitted:**	01/12/2026
EXHIBITS:	Ordinance 1407		

BUDGETARY IMPACT:	**Required Expenditure:**	$00.00
	Amount Budgeted:	$00.00
	Appropriation Required:	$00.00

CITY MANAGER APPROVAL:	

SUMMARY:

Mr. Jonathan Bradford contacted the code office requesting a Specific Use Provision for Entertainment use for property located at 212 N. Church Street. This property is currently zoned as Central Business District.

The property to the East, North, and West is zoned Commercial. The property to the South is Central Business District.

The zoning application was filed on October 16, 2025.

The City published proper notice for property located at 212 N. Church Street, Fulcher Subdivision, Block 11, Lot 13, Brady, Texas, for the purpose to request a Specific Use Provision and gave proper notice to all property owners within 200 feet.

RECOMMENDED ACTION:

Mayor will ask: "Madam City Secretary please read the Ordinance Preamble for the record in accordance with the City Charter." **"Secretary reads preamble"**

Mayor calls for a motion:
Move to approve the **second and final** reading of Ordinance 1407

ORDINANCE NO. 1407

AN ORDINANCE OF THE CITY OF BRADY, TEXAS, APPROVING THE REQUEST FOR A SPECIFIC USE PROVISION FOR ENTERTAINMENT USE IN THE CENTRAL BUSINESS DISTRICT FOR PROPERTY LOCATED AT 212 N. CHURCH STREET, FULCHER SUBDIVISION, BLOCK 11, LOT 13.

WHEREAS, Chapter 211 of the Texas Local Government Code empowers the City of Brady, Texas to enact zoning regulations and provide for their administration, enforcement and amendment; and

WHEREAS, the City has previously deemed it necessary and desirable to adopt zoning regulations to provide for the orderly development of property within the City in order to promote the public health, safety, morals and general welfare of the residents of the City, and

WHEREAS, Chapter 14 of the Brady Code of Ordinances constitutes the City's Zoning Regulations and requires property to be zoned in accordance with proper designations as defined by the City; and

WHEREAS, Jonathan Bradford has requested a Specific Use Provision, and

WHEREAS, the Planning and Zoning Commission of the City provided adequate notice and held a public hearing on January 13, 2026 in accordance with the Brady Code of Ordinances and Chapter 211 of the Texas Local Government Code; and

WHEREAS, the Planning and Zoning Commission of the City recommended approval of the Specific Use Provision of the designated property and confirmed that the Specific Use Provision is uniform and conforms to the plan design of the City's Zoning regulations; and

WHEREAS, the City Council believes the Specific Use Provision will not adversely affect the character of the area in which it is proposed; will not substantially depreciate the value of adjacent or nearby properties; will be in keeping with the spirit and intent of the City's Zoning Ordinance; will comply with applicable standards of the district in which located; and will not adversely affect traffic, public health, public utilities, public safety and the general welfare of the residents of the City;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BRADY, TEXAS, THAT:

A Specific Use Provision is granted for Entertainment use for property located at 212 N. Church St. in the Fulcher Subdivision, Block 11, Lot 13.

PASSED AND APPROVED on its First Reading on this the _____ day of _____ 2026.

PASSED AND APPROVED on its Second reading this the _____ day of _____2026.

_____
Anthony Groves, Mayor

ATTEST:

_____
Tina Keys, City Secretary

City Council
City of Brady, Texas
Agenda Action Form

AGENDA DATE:	2/3/2026	**AGENDA ITEM**	7.C.
AGENDA SUBJECT:	Discussion, consideration and possible action on selecting a firm for development and design of fire department building.		
PREPARED BY:	J. Stewart	**Date Submitted:**	1/25/2026
EXHIBITS:			

BUDGETARY IMPACT:	**Required Expenditure:**	$10,000.00
	Amount Budgeted:	$00.00
	Appropriation Required:	$10,000.00

CITY MANAGER APPROVAL:	

SUMMARY:

The city has been using an architect firm for the development of several construction projects including the animal control facility and the city hall renovation. The city is ready to proceed with concept development and design that will ultimately provide the professional plans that will become our new fire and EMS station.

RECOMMENDED ACTION:

Approve selection of a firm to proceed with plan development.

STATEMENT OF QUALIFICATIONS
FOR

CITY OF BRADY

ARCHITECTURAL SERVICES FOR FIRE STATION

JANUARY 27, 2026

SUBMITTED BY

MAKERS DESIGN MDCO COLLABORATIVE

Contact:
Briana K. Brandt, AIA, RID
512-964-8869
briana@makersdesignco.com

January 22, 2026

James Stewart
City Manager
City of Brady City Hall
201 E. Main St.
P.O. Box 351
Brady, Texas 76825

Dear City of Brady Coucil Members,

We are pleased to submit our Statement of Qualifications for architectural services related to the City of Brady's new Fire Station project. This project represents a critical investment in public safety and community resilience, and it aligns directly with the experience, approach, and values of Makers Design Co.

Our firm specializes in the design, renovation, and expansion of public-sector facilities across Texas, including fire stations, municipal buildings, and other essential infrastructure. Makers Design Co. has completed more than 75 public projects statewide, and **our project team has experience planning and designing more than 50 fire stations throughout Texas—ranging from small, volunteer-based departments to larger, full-service facilities**. This depth of experience allows us to deliver solutions that are right-sized, operationally efficient, and responsive to both departmental needs and community context.

Makers Design Co. brings a principal-led, hands-on approach to every project. Clients work directly with firm owners Nathan Brandt, AIA, RID, CSI, NCARB, and Briana Brandt, AIA, RID, ensuring consistent communication, responsiveness, and accountability throughout all phases of the work. Our architectural team is supported by a trusted group of engineering consultants with whom we have successfully delivered multiple public-sector projects, including fire stations and other essential facilities.

Our proposed project team includes Dudley Engineering as Structural Engineer, DBR as Mechanical, Electrical, and Plumbing Engineer, and Kimley-Horn and Associates as Civil Engineer. Makers Design Co. has extensive experience collaborating with each of these firms on public projects across Texas, and we are confident in the team's ability to deliver a well-coordinated, durable, and cost-effective facility for the City of Brady. As the project progresses, additional specialty consultants will be selected as needed to support specific project requirements, in close coordination with the City.

We are already familiar with the City of Brady's processes, priorities, and expectations, having previously worked with the City on the City Hall Renovation and Animal Control Facility projects. This established working relationship allows our team to move efficiently, collaborate effectively with City staff, and build upon an understanding of local goals, constraints, and standards.

Our approach emphasizes early collaboration with City leadership and fire department staff to confirm operational needs, staffing models, apparatus requirements, site constraints, and long-term maintenance considerations. We place a strong emphasis on clear, coordinated, and buildable construction documents—reducing RFIs, minimizing change orders, and supporting a smooth construction process.

We believe Makers Design Co. is well suited to support the City of Brady based on the following qualifications:

- Direct experience working with the City of Brady on municipal projects
- Project Team experience on more than 50 fire stations across Texas
- Established consultant team with proven experience delivering public safety facilities
- Strong understanding of small-community and volunteer-based department needs
- Proven ability to deliver cost-effective, right-sized municipal facilities
- Expertise in site development, drainage, and utility coordination
- Principal-led project delivery focused on efficiency, clarity, and accountability

We appreciate the opportunity to be considered for this important project and would be honored to continue our partnership with the City of Brady. This is a short-form Statement of Qualifications, and we would welcome the opportunity to provide additional detail regarding our fire station experience, feasibility studies, or similar municipal projects

Best,

Nathan Brandt, AIA, RID, CSI, NCARB
Founding Principal
Direct: 979-739-3709
nathan@makersdesignco.com

Briana K. Brandt, AIA, RID
Founding Principal
Direct: 512-964-8869
briana@makersdesignco.com

NATHAN BRANDT AIA, RID, CSI, NCARB
Project Manager, QA/QC

MDC COLLABORATIVE

Nathan Brandt is a registered Architect and Interior Designer in the state of Texas with over 13 years of experience. He oversees all aspects of design coordination, working closely with clients, consultants, and contractors to ensure projects stay on track and on budget. Nathan brings a decade of experience assembling comprehensive project manuals, ensuring that documentation is clear, consistent, and aligned with constructibility and performance goals. He is a proactive leader who excels at managing large, multidisciplinary teams and is committed to providing transparency and accountability at every stage. Nathan fosters a highly collaborative process—working closely with construction teams to integrate real-time value engineering throughout design. His depth of experience across public-sector projects makes him a reliable and strategic partner from project kickoff through closeout.

CREDENTIALS
Registered Architect, TX
#26840

Registered Interior Designer, TX
#12185

EDUCATION
Master of Architecture
Certificate in Health Systems & Design
Texas A&M University

Bachelor of Environmental Design
Minor in Business Administration
Texas A&M University

EXPERIENCE
Architecture - 13.5 Years
Specifications Writer - 10 Years
Interior Design - 8 Years

FIRE STATION EXPERIENCE
*Hearne Public Safety Building | Hearne, Texas
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
*Harris County ESD 20 Fire Station No. 44 | Houston, TX
Fire Station No. 1 & EMS | Clute, TX
Simonton Fire Station No. 1 | Fulshear, TX
Fire Station No. 6 | Georgetown, TX
Fire Station No. 7 | Georgetown, TX
*Fire Station No. 3 & Training Facility | Klein, TX
Fire Station No. 8 | Klein, TX
Fire Station, Administration Maintenance, Training Master Plan | Klein, TX
Fire Station No. 1 | Pearland, TX
Fire Station No. 2 | Pearland, TX
Fire Station No. 3 | Pearland, TX
Fire Station No. 2 | Richmond, TX
Fire Station No. 3 | Schertz, TX
Fire Station No. 74 | Spring, TX
Fire Station No. 75 | Spring, TX
Fire Station No. 21 | Aldine, TX
Onion Creek Fire Station No. 1 | Austin, TX
Klein Maintenance Facility | Klein, TX

BRIANA K. BRANDT AIA, RID
Project Architect, Interiors Coordinator

MDC COLLABORATIVE

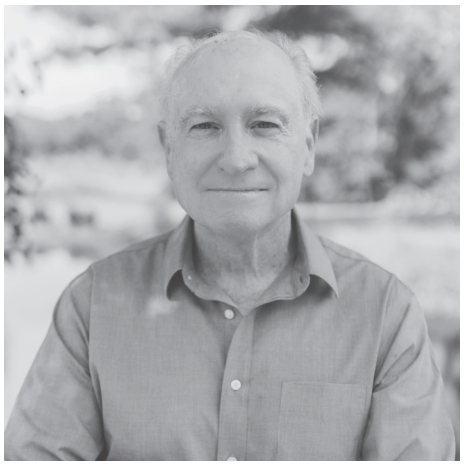
Briana K. Brandt is a registered Architect and Interior Designer in the state of Texas. With 12 years of experience, Briana approaches each project with creativity, efficiency, strong analytical skills, and enthusiasm. Her detail-oriented mindset paired with strong problem-solving skills and technical expertise allow her to develop clear, buildable solutions that align with client needs. Briana has worked on a wide range of projects, including Public, Commercial, Higher Education, Hospitality, K-12, Healthcare, and Residential, guiding them from early design through construction. She is committed to fostering strong client relationships and a collaborative team approach, ensuring that each project is tailored to the unique goals of the owner and end-users. Her focus is always on delivering high-quality, well-coordinated designs that make sense both aesthetically and practically.

CREDENTIALS
Registered Architect, TX
#27338

Registered Interior Designer, TX
#12184

EXPERIENCE
Architecture - 12.5 Years
Interior Design - 8 Years

FIRE STATION & PUBLIC PROJECT EXPERIENCE
*Hearne Public Safety Building | Hearne, Texas
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
*Harris County ESD 20 Fire Station No. 44 | Houston, TX
Brady City Hall Renovation - Phase 1 | Brady, TX
Brady Animal Control Facility | Brady, TX
Brazoria County Courthouse Expansion & Improvements | Angleton, TX
Seabourne Creek Park Nature Center | Rosenberg, TX
Oscar Johnson Jr. Community Center | Conroe, TX



RICK ROBERTSON PE
Advising Principal

DUDLEY

Rick has been practicing in Texas for over 40 years, developing strong relationships with architects around the state and building a portfolio of projects ranging from complex auto dealerships to local civic and recreational facilities. Sharing his wealth of knowledge with the next generation of the design community, Rick is known as a mentor to engineers in his firm and has served as a Professor of Practice in Texas A&M's Architecture Department.

CREDENTIALS
Professional Engineer, TX
No. 123798

EDUCATION
Doctor of Engineering
Texas A&M University

Masters of Engineering
Civil Engineering
Texas A&M University

Bachelors in Civil Engineering
Texas A&M University

EXPERIENCE
Structural Engineer - over 40 Years

FIRE STATION EXPERIENCE
Hearne Public Safety Building | Hearne, TX
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
Harris County ESD 21 Rosenhill Fire Station No. 3 | Cypress, TX
Bexar Co. District 2 Fire Station No. 124 | San Antonio, TX
Montgomery County ESD No. 3 Fire Training Facility | Montgomery, TX
Comal County Fire Station No. 54 | New Braunfels, TX
College Station Fire and EMS No. 6 | College Station, TX
Waco Fire Station and EMS No. 3 | Waco, TX
Harris County ESD 21 Fire Station No. 3 | Hockley, TX
Comal County Fire Station No. 56 | New Braunfels, TX
Bexar Co. District 2 Fire Station No. 125 | San Antonio, TX
Brayton Fire Training School – Marine Training Expansion | College Station, TX
Brayton Fire Training School – New Chemical Fire Complex | College Station, TX
Brayton Fire Training School | College Station, TX

DREW DUDLEY PE, SE
Principal in Charge

DUDLEY

Since founding the firm in 2017, Drew has expanded the team to over twenty engineers. He continues to wear many hats while running and growing the business, although his most cherished role is teaching and mentoring his employees. Teaching is a persistent theme in his life, as he also works as a Professor of Practice at Texas A&M University's Department of Construction Science and Department of Architecture. Drew has earned several recognitions and awards in the engineering community in the past several years including most recently being named the National Society of Professional Engineers' "Young Engineer of the Year" for the State of Texas in 2020.

CREDENTIALS
Professional Engineer, TX
No. 123798

EXPERIENCE
Structural Engineer - 13 Years
Professor - 12 Years

FIRE STATION EXPERIENCE
*Hearne Public Safety Building | Hearne, TX
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
Harris County ESD 21 Rosenhill Fire Station No. 3 | Cypress, TX
Bexar Co. District 2 Fire Station No. 124 | San Antonio, TX
Montgomery County ESD No. 3 Fire Training Facility | Montgomery, TX
Comal County Fire Station No. 54 | New Braunfels, TX
College Station Fire and EMS No. 6 | College Station, TX
Comal County Fire Station No. 56 | New Braunfels, TX

EDWARD PUENTES PE, CEM, LEED Green Assoc.
Partner-in-Charge

DBR

Edward is responsible for managing projects across Texas. He oversees the design of mechanical, electrical, and plumbing work, making sure that the needs of our clients are met. Edward is also responsible for maintaining design standards and providing quality control.

CREDENTIALS
Professional Engineer, TX
No. 102338

Certified Energy Manager

EDUCATION
Bachelor of Science
Mechanical Engineering
University of Texas-Pan American

EXPERIENCE
MEP Engineer - 28 Years

FIRE STATION EXPERIENCE
Georgetown Fire Station No. 1 Addition/Renovation | Georgetown, TX
Midland Fire Station No. 5 | Midland, TX
Midland Fire Station No. 11 | Midland, TX
City of Horseshoe Bay City Hall | Horseshoe Bay, TX
City of McAllen City Hall Addition & Renovation | McAllen, TX
City of Pearsall City Hall Annex Building | Pearsall, TX
City of New Braunfels Public Works Mun. Serv. Cntr. | New Braunfels, TX
City of McAllen Public Works Admin. Office Renovation | McAllen, TX
City of McAllen Public Utility Office Addition & Renovation | McAllen, TX
City of Kingsville Municipal Building Renovation | Kingsville, TX
City of Eagle Pass Public Works Facility | Eagle Pass, TX
City of El Paso Police Dept. Eastside Reg. Command Cntr. | El Paso, TX
Travis County West Service Center | Austin, TX
Brooks County Dept. of Public Safety Facility Renovation | Falfurrias, TX
El Paso County Vinton Maintenance Facility | El Paso, TX

ANNIE BRISCOE PE
Project Manager

Kimley»Horn

Annie has more than six years of project experience with Kimley-Horn, serving both public and private clients throughout Texas. She specializes in the design of municipal site plans, associated water and sewer infrastructure, detention, and drainage plans. She has ample experience with municipal projects, performing civil engineering design for parking lots, roadways, and associated infrastructure. Annie takes pride in her ability to follow projects from inception through completion and takes an active role in construction phase services. Annie has worked on more than 50 municipal-related projects across Texas. Her breadth of knowledge on the processes and procedures to get these unique types of projects completed, makes her an invaluable asset to the assembled project team.

CREDENTIALS
Professional Engineer, TX
No. 144104

EXPERIENCE
Civil Engineer - 10 Years

FIRE STATION & PUBLIC PROJECT EXPERIENCE
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
City of College Station Fire Station 7 | College Station TX
Harris County Emergency Service District Station 16 | Klein, TX
City of Waco Fire Station 15 | Waco, TX
City of Marble Falls Fire Station 1 Renovation | Marble Falls, TX
Travis County Emergency Services District 12 Central Station | Manor, TX
City of San Antonio Fire Station 52 Renovation | San Antonio, TX
City of San Antonio Fire Station 53 Renovation | San Antonio, TX

KLEIN FIRE STATION NO. 3 & TRAINING FACILITY

11,000 SF | Klein, TX

PROJECT DATA

Owner
Harris County ESD 16

Services Provided
Full Architectural

Budget
$3.6 million

Completion
2018

Contractor
LDF Construction Inc.

Fire Station Project Type

On-Site Training

Budget-Conscious Design

SCOPE

The Klein Fire Department commissioned the design and construction of Fire Station No. 3 and a companion fire training facility on a shared 7-acre site. The project includes an 11,000 SF fire station paired with a 3,500 SF training facility, providing a **cost-effective solution that maintains operational readiness while keeping firefighters within the district during emergency events**.

A key project objective was maintaining uninterrupted fire service throughout construction. A carefully developed phasing plan allowed the training facility to temporarily function as an active fire station, enabling the existing Fire Station No. 3 to remain operational until the new facility was complete. This approach demonstrates experience in **phased construction planning for essential facilities**, minimizing service disruption—an important consideration for communities with limited response redundancy.

Nathan Brandt served as Project Architect and worked closely with the Client to confirm station programming, budget constraints, and operational goals. His role included **site and building planning, design, engineering coordination, bidding and procurement, and construction administration**, ensuring the project met functional needs while remaining within budget.

The fire station was designed to support a **volunteer-based department staffed for 8 personnel with 3 shift changes**, and includes three pull-through apparatus bays, staff offices, living quarters, PPE storage, fitness room, and associated support spaces. Adjacent site improvements include a covered fueling station for department vehicles and secure storage for training equipment. The training facility provides **flexible indoor and outdoor instructional spaces**, allowing for hands-on training, simulated burn exercises, and post-incident review and debriefing—supporting operational preparedness and ongoing skill development applicable to the City of Brady's fire station and training needs.

HARRIS COUNTY ESD 20 FIRE STATION NO. 44

24,000 SF | Houston, TX

PROJECT DATA

Owner
Harris County ESD 20

Services Provided
Full Architectural

Budget
$7.3 million

Completion
2021

Contractor
Teal Construction Company

Fire Station Project Type

Similar Scope

Budget-Conscious Design

SCOPE

Harris County Emergency Services District No. 20 commissioned the design and construction of a new fire station and training campus to meet the growing operational demands of the district. Nathan Brandt served as Project Manager on the project providing full architectural services for the project, including site planning, building design, and coordination of essential facility requirements. The 9-acre site is organized into three functional zones: Response, Administration, and Training, allowing efficient separation of daily operations, leadership functions, and instructional activities.

Fire Station No. 44 is an approximately 24,000 SF facility designed to support efficient, modern emergency response operations. The station **includes apparatus pull-through bays with four-fold doors to support rapid deployment and return**, along with interior spaces that include sleeping quarters, fitness facilities, kitchen and day room, and operational support spaces—element.

As an essential facility, the fire station incorporates full generator backup and Risk Category IV construction to ensure continuous operation during emergency events. The administrative component provides office space for department leadership, records storage, and future operational flexibility, and includes a conference room designed to function as an incident command and coordination center, **supporting organized response during large-scale or multi-agency emergencies**.

The site also includes maintenance and training support buildings, an instructional pavilion, and provisions for future expansion of training infrastructure, including multi-story training elements for fire, rescue, and high-angle response scenarios. The project demonstrates **experience in designing resilient, adaptable fire stations that balance operational efficiency, long-term flexibility, and budget-conscious planning**, directly applicable to the City of Brady's planned fire station project.

HEARNE PUBLIC SAFETY BUILDING ASSESSMENT & DESIGN

27,000 SF | Hearne, TX

PROJECT DATA

Owner
City of Hearne

Services Provided
Building Assessment & Architectural, Structural Engineering

Budget
$7.5 million

Completion
2021

Contractor
Madison Construction

Fire Station Project Type

Comparable Texas Community

Feasibility Assessment Included

SCOPE

Located at the corner of W. 3rd Street and Cedar Street in downtown Hearne, Texas, the Hearne Public Safety Building serves as a consolidated civic facility housing the Fire Department, Police Department, Municipal Courts, Council Chambers, and supporting municipal services.

Prior to design, our team conducted a detailed assessment of the City's existing facilities to identify operational gaps, staffing needs, and long-term growth considerations. **Multiple planning options were developed and evaluated to balance operational functionality with budget constraints**.

The Volunteer Fire Department component was planned to support daily operations, emergency response, and firefighter health and safety. The facility **includes four (4) pull-through apparatus bays (two apparatus deep)** sized for modern fire and EMS vehicles, with **heated bays, floor drains, and integrated air and power drops** to support year-round operations and vehicle maintenance.

Firefighter support spaces include dedicated **bunker gear storage, a gear extractor and decontamination area, restrooms and showers, and air-lock separation between apparatus bays and clean areas**, reinforcing best practices for contaminant control and cancer-prevention measures. A separate watch office allows for operational oversight without interfering with apparatus circulation. The building was also **designed with operational resilience in mind**, incorporating a full-building emergency power system to maintain fire, EMS, and dispatch operations during power outages. A mezzanine level provides additional storage, allowing primary operational spaces to remain efficient and uncluttered.

While the Hearne facility integrates multiple public safety departments, the project demonstrates **our experience planning fire station environments that prioritize apparatus flow, decontamination separation, firefighter support spaces, emergency power resiliency, and long-term adaptability**.

BRAZOS COUNTY ESD 4 FIRE STATION 3

1,910 SF Renovation, 4,800 SF Expansion | Bryan, TX

PROJECT DATA

Owner
Brazos County ESD 4

Services Provided
Structural Engineering

Budget
$1.2 million

Completion
2025

Fire Station Project Type using PEMB as primary structure

MONTGOMERY COUNTY ESD 1 FIRE STATION NO. 95 LOGISTICS BUILDING

6,010 SF | Willis, TX

PROJECT DATA

Owner
Montgomery County ESD 1

Services Provided
Structural Engineering

Budget
$2 million

Completion
2022

Fire Station Project Type using PEMB as primary structure

WACO FIRE STATION NO. 3

8,000 SF | Waco, TX

PROJECT DATA

Owner
City of Waco

Services Provided
Structural Engineering

Budget
$6.8 million

Completion
2012

Fire Station Project Type using PEMB as primary structure

Makers Design Co. (Architecture)
*Hearne Public Safety Building
Location: Hearne, Texas

*Fire Station No. 1 Assessment & Renovation
Location: Rosenberg, Texas

*Harris County ESD 20 Fire Station No. 44
Location: Houston, Texas

Simonton Fire Station No. 1
Location: Fulshear, Texas

Georgetown Fire Station No. 6
Location: Georgetown, Texas

Georgetown Fire Station No. 7
Location: Georgetown, Texas

Klein Fire Station No. 3 & Training Facility
Location: Klein, Texas

Klein Fire Station No. 8
Location: Klein, Texas

Klein Fire Station Masterplan
Location: Klein, Texas

Pearland Fire Station No. 1
Location: Pearland, Texas

Pearland Fire Station No. 2
Location: Pearland, Texas

Pearland Fire Station No. 3
Location: Pearland, Texas

Richmond Fire Station No. 2
Location: Richmond, TX

Schertz Fire Station No. 3
Location: Schertz, Texas

Spring Fire Station No. 74
Location: Spring, Texas

Spring Fire Station No. 75
Location: Spring, Texas

Aldine Fire Station No. 21
Location: Aldine, Texas

Onion Creek Fire Station No. 1
Location: Austin, Texas

Hearne Public Safety Building
Location: Hearne, Texas

Fire Station No. 7 Study
Location: College Station, Texas

Fire Station No. 1 & EMS
Location: Clute, Texas

Dudley Engineering (Structural Engineering)
*Hearne Public Safety Building
Location: Hearne, Texas

Fire Station No. 1 Assessment & Renovation
Location: Rosenberg, Texas

Rosehill Fire Station No. 3 at Harris County ESD 21
Location: Cypress, Texas

*Montgomery County ESD No. 3 Fire Training Facility
Location: Montgomery, Texas

City of College Station Fire Station No. 6
Location: College Station, Texas

Dudley Engineering (Structural Engineering) *Continued.*
Bexar County ESD No. 2 Fire Station No. 124
Location: San Antonio, Texas

*Fire Station No. 1 Assessment & Renovation
Location: Rosenberg, Texas

*Waco Fire Station and EMS No. 3
Location: Waco, TX

Comal County Fire Station No. 56
Location: New Braunfels, TX

Brayton Fire Training School – Marine Training Expansion
Location: College Station, TX

Brayton Fire Training School – New Chemical Fire Comp.
Location: College Station, TX

Brayton Fire Training School
Location: College Station, TX

DBR (MEP Engineering)
City of El Paso Fire Station 36
Location: El Paso, Texas

Harris County ESD 13 Cypress Creek Fire Station 25
Location: Houston, Texas

City of Midland Fire Station 5
Location: Midland, Texas

Williamson County ESD 4 Fire Station 2
Location: Liberty Hill, Texas

Harris County ESD 9 Cy-Fair Fire Department
Location: Cypress, Texas

Crosby Fire Station No. 1 & No. 2
Crosby, Texas

The Woodlands Central Fire Station
The Woodlands, Texas

The Woodlands Fire Station 6
The Woodlands, Texas

Champions Area Volunteer Fire & EMS Station
Houston, Texas

Cypress Creek EMS - Station 9
Cypress, Texas

Kimley-Horn and Associates (Civil Engineering)
Fire Station No. 1 Assessment & Renovation
Location: Rosenberg, Texas

College Station Fire Station 7
Location: College Station, Texas

Harris County Emergency Service District Station 16
Location: Klein, TX

City of Waco Fire Station 15
Location: Waco, TX

City of Marble Falls Fire Station 1 Renovation
Location: Marble Falls, TX

City of San Antonio Fire Station 52 Renovation
Location: San Antonio, TX

City of San Antonio Fire Station 53 Renovation
Location: San Antonio, TX

City of Denton Fire Station 5
Location: Denton, TX

January 22, 2026

James Stewart
City Manager
City of Brady City Hall
201 E. Main St.
P.O. Box 351
Brady, Texas 76825

Dear City of Brady Coucil Members,

We are pleased to submit our Statement of Qualifications for architectural services related to the City of Brady's new Fire Station project. This project represents a critical investment in public safety and community resilience, and it aligns directly with the experience, approach, and values of Makers Design Co.

Our firm specializes in the design, renovation, and expansion of public-sector facilities across Texas, including fire stations, municipal buildings, and other essential infrastructure. We have completed more than 75 public projects statewide, and our key personnel have **experience planning and designing more than 20 fire stations throughout Texas, ranging from small, volunteer-based departments to larger essential facilities**. This depth of experience allows us to tailor solutions that are right-sized, operationally efficient, and responsive to community needs.

Makers Design Co. brings a principal-led, hands-on approach to every project. Clients work directly with firm owners Nathan Brandt, AIA, RID, CSI, NCARB, and Briana Brandt, AIA, RID, ensuring consistent communication, responsiveness, and accountability throughout all phases of the work. Our team is supported by trusted consultants, allowing us to provide full architectural, site planning, interior design, and specifications services while remaining efficient and cost-conscious.

We are already familiar with the City of Brady's processes, priorities, and expectations, having previously worked with the City on the City Hall Renovation and the Animal Control Facility projects. This established working relationship allows us to move quickly, collaborate effectively with City staff, and build on an understanding of local goals, constraints, and standards.

Our approach emphasizes early collaboration with City leadership and fire department staff to confirm operational needs, staffing models, apparatus requirements, site constraints, and long-term maintenance considerations. Our construction documents are clear, coordinated, and buildable—reducing RFIs and minimizing change orders during construction.

We believe we are well suited to support the City of Brady based on the following qualifications:

- Direct experience working with the City of Brady on municipal projects
- Key personnel experience on more than 20 fire stations across Texas
- Strong understanding of small-community and volunteer-based department needs
- Proven ability to deliver cost-effective, right-sized municipal facilities
- Expertise in site development, drainage, and utility coordination
- Principal-led project delivery focused on efficiency and accountability
- Thorough knowledge of Texas Accessibility Standards (TAS) and applicable codes

We appreciate the opportunity to be considered for this important project and would be honored to continue our partnership with the City of Brady. This is a short-form SOQ, and we would be happy to answer any additional questions or provide further detail regarding our experience with fire stations, feasibility studies, or similar municipal projects.

Best,

Nathan Brandt, AIA, RID, CSI, NCARB
Founding Principal
Direct: 979-739-3709

Briana K. Brandt, AIA, RID
Founding Principal
Direct: 512-964-8869

NATHAN BRANDT AIA, RID, CSI, NCARB
Project Manager, QA/QC

MDC COLLABORATIVE

Nathan Brandt is a registered Architect and Interior Designer in the state of Texas with over 13 years of experience. He oversees all aspects of design coordination, working closely with clients, consultants, and contractors to ensure projects stay on track and on budget. Nathan brings a decade of experience assembling comprehensive project manuals, ensuring that documentation is clear, consistent, and aligned with constructibility and performance goals. He is a proactive leader who excels at managing large, multidisciplinary teams and is committed to providing transparency and accountability at every stage. Nathan fosters a highly collaborative process—working closely with construction teams to integrate real-time value engineering throughout design. His depth of experience across public-sector projects makes him a reliable and strategic partner from project kickoff through closeout.

CREDENTIALS
Registered Architect, TX
#26840

Registered Interior Designer, TX
#12185

EDUCATION
Master of Architecture
Certificate in Health Systems & Design
Texas A&M University

Bachelor of Environmental Design
Minor in Business Administration
Texas A&M University

EXPERIENCE
Architecture - 13.5 Years
Specifications Writer - 10 Years
Interior Design - 8 Years

FIRE STATION EXPERIENCE
*Hearne Public Safety Building | Hearne, Texas
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
*Harris County ESD 20 Fire Station No. 44 | Houston, TX
Fire Station No. 1 & EMS | Clute, TX
Simonton Fire Station No. 1 | Fulshear, TX
Fire Station No. 6 | Georgetown, TX
Fire Station No. 7 | Georgetown, TX
*Fire Station No. 3 & Training Facility | Klein, TX
Fire Station No. 8 | Klein, TX
Fire Station, Administration Maintenance, Training Master Plan | Klein, TX
Fire Station No. 1 | Pearland, TX
Fire Station No. 2 | Pearland, TX
Fire Station No. 3 | Pearland, TX
Fire Station No. 2 | Richmond, TX
Fire Station No. 3 | Schertz, TX
Fire Station No. 74 | Spring, TX
Fire Station No. 75 | Spring, TX
Fire Station No. 21 | Aldine, TX
Onion Creek Fire Station No. 1 | Austin, TX
Klein Maintenance Facility | Klein, TX

BRIANA K. BRANDT AIA, RID
Project Architect, Interiors Coordinator

Briana K. Brandt is a registered Architect and Interior Designer in the state of Texas. With 12 years of experience, Briana approaches each project with creativity, efficiency, strong analytical skills, and enthusiasm. Her detail-oriented mindset paired with strong problem-solving skills and technical expertise allow her to develop clear, buildable solutions that align with client needs. Briana has worked on a wide range of projects, including Public, Commercial, Higher Education, Hospitality, K-12, Healthcare, and Residential, guiding them from early design through construction. She is committed to fostering strong client relationships and a collaborative team approach, ensuring that each project is tailored to the unique goals of the owner and end-users. Her focus is always on delivering high-quality, well-coordinated designs that make sense both aesthetically and practically.

CREDENTIALS
Registered Architect, TX
#27338

Registered Interior Designer, TX
#12184

EXPERIENCE
Architecture - 12.5 Years
Interior Design - 8 Years

FIRE STATION & PUBLIC PROJECT EXPERIENCE
*Hearne Public Safety Building | Hearne, Texas
Fire Station No. 1 Assessment & Renovation | Rosenberg, TX
*Harris County ESD 20 Fire Station No. 44 | Houston, TX
Brazoria County Courthouse Expansion & Improvements | Angleton, TX
Seabourne Creek Park Nature Center | Rosenberg, TX
Oscar Johnson Jr. Community Center | Conroe, TX
Westside Recreation Center Roof Replacement | Conroe, TX
Hitchcock EDC Building Assessment | Hitchcock, TX

KLEIN FIRE STATION NO. 3 & TRAINING FACILITY

11,000 SF | Klein, TX

PROJECT DATA

Owner
Harris County ESD 16

Services Provided
Full Architectural

Budget
$3.6 million

Completion
2018

Contractor
LDF Construction Inc.

Fire Station Project Type

On-Site Training

Budget-Conscious Design

SCOPE

The Klein Fire Department commissioned the design and construction of Fire Station No. 3 and a companion fire training facility on a shared 7-acre site. The project includes an 11,000 SF fire station paired with a 3,500 SF training facility, providing a **cost-effective solution that maintains operational readiness while keeping firefighters within the district during emergency events**.

A key project objective was maintaining uninterrupted fire service throughout construction. A carefully developed phasing plan allowed the training facility to temporarily function as an active fire station, enabling the existing Fire Station No. 3 to remain operational until the new facility was complete. This approach demonstrates experience in **phased construction planning for essential facilities**, minimizing service disruption—an important consideration for communities with limited response redundancy.

Nathan Brandt served as Project Architect and worked closely with the Client to confirm station programming, budget constraints, and operational goals. His role included **site and building planning, design, engineering coordination, bidding and procurement, and construction administration**, ensuring the project met functional needs while remaining within budget.

The fire station was designed to support a **volunteer-based department staffed for 8 personnel with 3 shift changes**, and includes three pull-through apparatus bays, staff offices, living quarters, PPE storage, fitness room, and associated support spaces. Adjacent site improvements include a covered fueling station for department vehicles and secure storage for training equipment. The training facility provides **flexible indoor and outdoor instructional spaces**, allowing for hands-on training, simulated burn exercises, and post-incident review and debriefing—supporting operational preparedness and ongoing skill development applicable to the City of Brady's fire station and training needs.

HARRIS COUNTY ESD 20 FIRE STATION NO. 44

24,000 SF | Houston, TX

PROJECT DATA

Owner
Harris County ESD 20

Services Provided
Full Architectural

Budget
$7.3 million

Completion
2021

Contractor
Teal Construction Company

Fire Station Project Type

Similar Scope

Budget-Conscious Design

SCOPE

Harris County Emergency Services District No. 20 commissioned the design and construction of a new fire station and training campus to meet the growing operational demands of the district. Nathan Brandt served as Project Manager on the project providing full architectural services for the project, including site planning, building design, and coordination of essential facility requirements. The 9-acre site is organized into three functional zones: Response, Administration, and Training, allowing efficient separation of daily operations, leadership functions, and instructional activities.

Fire Station No. 44 is an approximately 24,000 SF facility designed to support efficient, modern emergency response operations. The station **includes apparatus pull-through bays with four-fold doors to support rapid deployment and return**, along with interior spaces that include sleeping quarters, fitness facilities, kitchen and day room, and operational support spaces—element.

As an essential facility, the fire station incorporates full generator backup and Risk Category IV construction to ensure continuous operation during emergency events. The administrative component provides office space for department leadership, records storage, and future operational flexibility, and includes a conference room designed to function as an incident command and coordination center, **supporting organized response during large-scale or multi-agency emergencies**.

The site also includes maintenance and training support buildings, an instructional pavilion, and provisions for future expansion of training infrastructure, including multi-story training elements for fire, rescue, and high-angle response scenarios. The project demonstrates **experience in designing resilient, adaptable fire stations that balance operational efficiency, long-term flexibility, and budget-conscious planning**, directly applicable to the City of Brady's planned fire station project.

HEARNE PUBLIC SAFETY BUILDING ASSESSMENT & DESIGN

27,000 SF | Hearne, TX

PROJECT DATA

Owner
City of Hearne

Services Provided
Building Assessment & Architectural

Budget
$7.5 million

Completion
2021

Contractor
Madison Construction

Fire Station Project Type

Comparable Texas Community

Feasibility Assessment Included

SCOPE

Located at the corner of W. 3rd Street and Cedar Street in downtown Hearne, Texas, the Hearne Public Safety Building serves as a consolidated civic facility housing the Fire Department, Police Department, Municipal Courts, Council Chambers, and supporting municipal services.

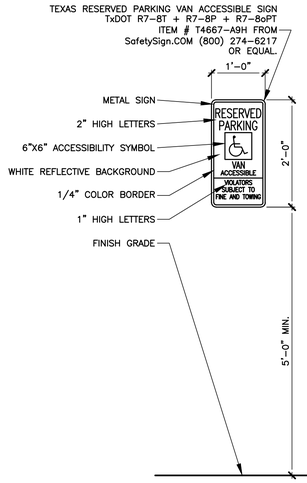
Prior to design, our team conducted a detailed assessment of the City's existing facilities to identify operational gaps, staffing needs, and long-term growth considerations. **Multiple planning options were developed and evaluated to balance operational functionality with budget constraints**.

The Volunteer Fire Department component was planned to support daily operations, emergency response, and firefighter health and safety. The facility **includes four (4) pull-through apparatus bays (two apparatus deep)** sized for modern fire and EMS vehicles, with **heated bays, floor drains, and integrated air and power drops** to support year-round operations and vehicle maintenance.

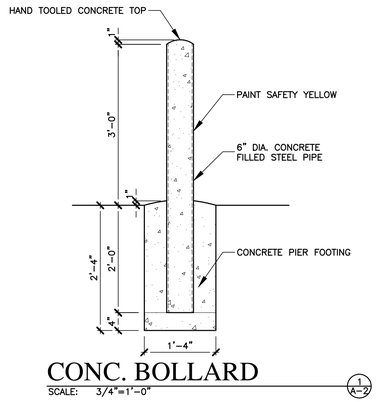
Firefighter support spaces include dedicated **bunker gear storage, a gear extractor and decontamination area, restrooms and showers, and air-lock separation between apparatus bays and clean areas**, reinforcing best practices for contaminant control and cancer-prevention measures. A separate watch office allows for operational oversight without interfering with apparatus circulation. The building was also **designed with operational resilience in mind**, incorporating a full-building emergency power system to maintain fire, EMS, and dispatch operations during power outages. A mezzanine level provides additional storage, allowing primary operational spaces to remain efficient and uncluttered.

While the Hearne facility integrates multiple public safety departments, the project demonstrates **our experience planning fire station environments that prioritize apparatus flow, decontamination separation, firefighter support spaces, emergency power resiliency, and long-term adaptability**.

AN E.M.S. FACILITY DESIGNED FOR
THE CITY OF DUBLIN
EAST ELM STREET, DUBLIN, TEXAS 76446



BUILDING MOUNTED
H.C. VAN PARKING SIGN
SCALE: 3/4" = 1'-0" (1/A-1)



CONC. BOLLARD
SCALE: 3/4"=1'-0" (1/A-2)

SITE NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN APPLICABLE SECTIONS OF THE 2015 IBC (INTERNATIONAL BUILDING CODE).
2. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO SUBMITTING A BID OR STARTING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES WITH LOCAL UTILITY COMPANIES AND CITY PRIOR TO SUBMITTING BID OR STARTING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL SITE DIMENSIONS PRIOR TO SUBMITTING BID OR STARTING CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE ANY VEGETATION, ROCKS, OR OTHER UNWANTED ITEMS FROM THE STRUCTURES LOCATION ON THE BUILDING SITE PRIOR TO STARTING EARTHWORK.
6. SOILS AT THE STRUCTURES LOCATION SHALL BE SCARIFIED TO A DEPTH OF 6". THE SCARIFIED SOILS SHALL THEN BE RE-COMPACTED TO BETWEEN 92 PERCENT AND 98 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698). THE MOISTURE CONTENT OF THE SOIL SHALL BE MAINTAINED AT OR ABOVE THE OPTIMUM MOISTURE VALUE.
7. FILL MATERIAL SHALL BE 'SELECT FILL' AND SHALL BE COMPACTED IN 8" MAXIMUM LIFTS. FILL MATERIAL SHALL THEN BE COMPACTED TO BETWEEN 95 PERCENT AND 100 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D-698).THE MOISTURE CONTENT OF THE SOIL SHALL BE MAINTAINED AT OR ABOVE THE OPTIMUM MOISTURE VALUE.
8. ALL PARKING STRIPING SHALL BE LOCATED AS SHOWN ON SITE PLAN AND SHALL BE MARKED WITH 4" WIDE PAINTED STRIPES.
9. FINE GRADE ALL LANDSCAPED AREAS AT COMPLETION OF PROJECT.
10. CONTRACTOR SHALL KEEP SITE CLEAR OF RUBBISH AND TRASH AT ALL TIMES.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING SITE EROSION DURING CONSTRUCTION AND SHALL INSTALL SILT FENCING IF REQUIRED.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING FINAL GRADING IN ORDER TO MAINTAIN NATURAL FLOW OF SURFACE WATER. WATER MUST NOT BE ALLOWED TO STAND AROUND BUILDING DURING CONSTRUCTION OR UPON COMPLETION OF PROJECT.

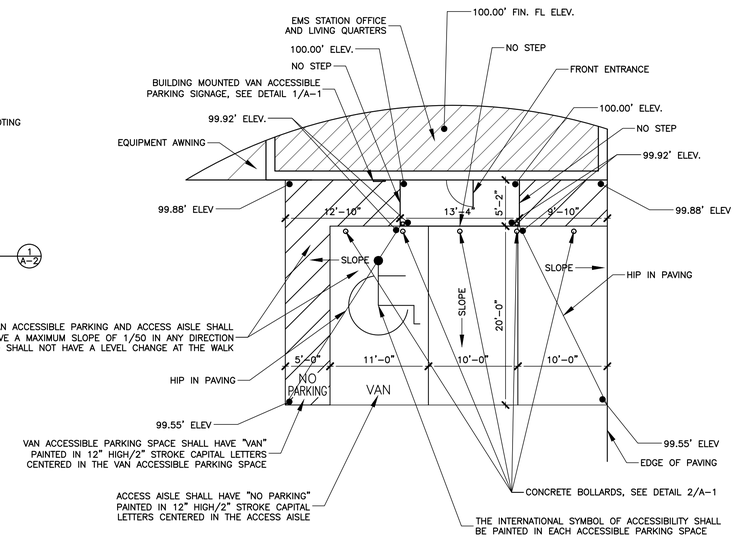
LIST OF CONTACTS:

ARCHITECT:
JOHN G. BEVERLY - ARCHITECT
P.O. BOX 1990
STEPHENVILLE, TEXAS 76401
(254) 396-9999

OWNER/DEVELOPER:
CITY OF DUBLIN
213 E. BLACKJACK ST.
DUBLIN, TEXAS 76446
(254) 445-3331

ENGINEERING REQUIREMENT NOTE:

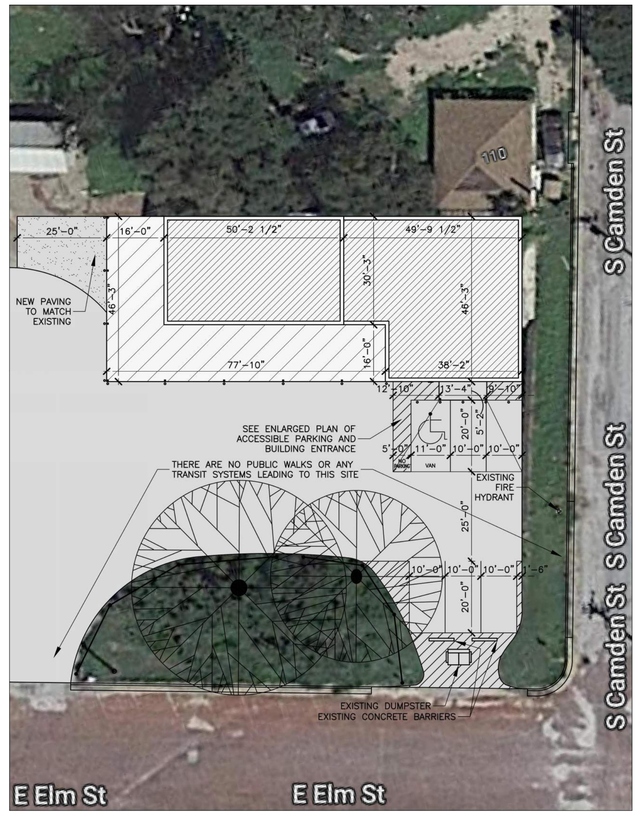
THIS ADDITION WAS LESS THAN 5,000 SQUARE FEET AND DID NOT HAVE A SPAN THAT EXCEEDED 24', THEREFORE ENGINEERING WAS NOT REQUIRED BY THE "TEXAS STATE ENGINEERING PRACTICE ACT" FOR THIS PORTION OF THE PROJECT, AND THE DRAWINGS FOR THIS PORTION OF THE PROJECT DO NOT NEED TO BE SEALED BY AN ENGINEER LICENSED IN THE STATE OF TEXAS. THIS DRAWING IS A NON-ENGINEERED DESIGN PROVIDED AND SEALED BY THE ARCHITECT.



LIST OF DRAWINGS:

ARCHITECTURAL:

A-1	COVER, SITE PLAN, SITE NOTES & DETAILS
A-2	FLOOR PLAN SCHEDULES & NOTES
A-3	ENLARGED PLANS & INTERIOR ELEVATIONS
A-4	ACCESSIBILITY COMPLIANCE PLAN
A-5	EXTERIOR ELEVATIONS
TAS-1	TEXAS ACCESSIBILITY STANDARDS SHEET 1
TAS-2	TEXAS ACCESSIBILITY STANDARDS SHEET 2
TAS-3	TEXAS ACCESSIBILITY STANDARDS SHEET 3
TAS-4	TEXAS ACCESSIBILITY STANDARDS SHEET 4
TAS-5	TEXAS ACCESSIBILITY STANDARDS SHEET 5
TAS-6	TEXAS ACCESSIBILITY STANDARDS SHEET 6



SITE PLAN
SCALE: 1"=20'-0"

JOHN G. BEVERLY • ARCHITECT
STEPHENVILLE, TEXAS 76401
john@jgbarch.com

A FACILITY DESIGNED FOR
DUBLIN EMS
DUBLIN, TEXAS

DRAWINGS THIS SHEET:
SITE PLAN
SITE DETAILS
SITE NOTES

JOHN G. BEVERLY
P.O. BOX 1990
(254) 396-9999 M.

START DATE: 3/31/22
REVISED: 9/20/22

JOB NUMBER: 22C10
DRAWN BY: J.G.B.

SHEET NO. A-1
OF --

JOHN G. BEVERLY ARCHITECT

ROOM FINISH SCHEDULE:

MK.	AREA	FLOOR	BASE	WALLS	CEILING	CLG. HT.
100	EQUIPMENT AWNING	SEALED CONCRETE	NONE	METAL SIDING & OPEN	METAL LINER PANEL	VARIES
101	COVERED ENTRANCE	SEALED CONCRETE	NONE	METAL SIDING & OPEN	METAL LINER PANEL	VARIES
102	WAITING	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
103	TOILET RM.	SEALED CONCRETE	VINYL	SEE ROOM FINISH NOTE BELOW	GYP. BD. TEXT. & PAINT	9'-0"
104	HALL	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
105	OFFICE	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
106	STO.	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
107	HALL	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
108	LINEN	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
109	BEDROOM #1	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
110	BEDROOM #2	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
111	BEDROOM #3	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
112	ACCESSIBLE BEDROOM #4	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
113	UTILITY	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
114	ACCESSIBLE BATH #1	SEALED CONCRETE	SEE ROOM FINISH NOTE BELOW	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
115	BATH #2	SEALED CONCRETE	SEE ROOM FINISH NOTE BELOW	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
116	STUDY	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
117	LIVING ROOM	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
118	DINING ROOM	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
119	KITCHEN	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
120	BROOM	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
121	STORAGE	SEALED CONCRETE	VINYL	GYP. BD. TEXT. & PAINT	GYP. BD. TEXT. & PAINT	9'-0"
EX	EXISTING	EXISTING	EXIST.	EXISTING	EXISTING	EXISTING

ROOM FINISH NOTE: ROOMS 103, 114 & 115 HAVE A 48" HIGH TILE WAINSCOT & TILE BASE ON ALL PLUMBING WALLS

DOOR SCHEDULE:

MK.	SIZE	DESCRIPTION	FRAME	HARDWARE
1	3'-0" X 7'-0" X 1 3/4"	ALUM. & GLASS ENTRY DOOR	ALUM.	A,B,C,G,J,K
2	3'-0" X 7'-0" X 1 3/4"	INSULATED METAL DOOR	METAL	A,B,C,G,J,K
3	3'-0" X 7'-0" X 1 3/4"	90 MIN FIRE RATED METAL DOOR	90 MIN FIRE RATED METAL	A,D,G,J,K
4	3'-0" X 7'-0" X 1 3/4"	90 MIN FIRE RATED METAL DOOR	90 MIN FIRE RATED METAL	A,F,H
5	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,D,G
6	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,E,G,I
7	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,D,H
8	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,F,H
9	3'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,E,H
10	2'-6" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,E,H
11	2'-4" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,F,H
12	2'-0" X 7'-0" X 1 3/4"	SOLID CORE WOOD INTERIOR DOOR	METAL	A,F,H
13	12'-0" X 12'-0"	COIL UP OVERHEAD DOOR	TRACK	L,M
EX	EXISTING	EXISTING	EXIST.	EXISTING

AREA SCHEDULE:

AREA NAME	SQUARE FOOTAGE
EXISTING	1512.5000
CONDITIONED AREA	2123.1667
EQUIPMENT AWNING	1729.3333
COVERED ENTRANCE	68.8889
NEW SLAB	3921.3889

HARDWARE SCHEDULE:

MK.	DESCRIPTION	MK.	DESCRIPTION
A	PAIR & HALF BUTTS PER DOOR LEAF	H	DOOR STOP
B	TAS/ADA PANIC HARDWARE	I	TAS/ADA NAME PLATE
C	TAS/ADA CYLINDER LOCK	J	TAS/ADA ACCESSIBLE THRESHOLD
D	TAS/ADA LOCK SET	K	WEATHER STRIPPING
E	TAS/ADA PRIVACY SET	L	OVERHEAD DOOR LOCK
F	TAS/ADA PASSAGE SET	M	OVERHEAD DOOR CHAIN HOIST & HARDWARE
G	TAS/ADA CLOSURE		

WINDOW SCHEDULE:

MK.	SIZE	DESCRIPTION	FRAME	GLAZING	SCREEN
A	5'-0" X 3'-6"	SLIDING	SOLID VINYL	LOW E INSULATED	HALF
B	4'-0" X 5'-0"	FIXED	SOLID VINYL	LOW E INSULATED	NONE
C	3'-0" X 5'-0"	SINGLE HUNG	SOLID VINYL	LOW E INSULATED	HALF
D	2'-6" X 5'-0"	FIXED	SOLID VINYL	LOW E INSULATED	NONE

SYMBOL LEGEND:

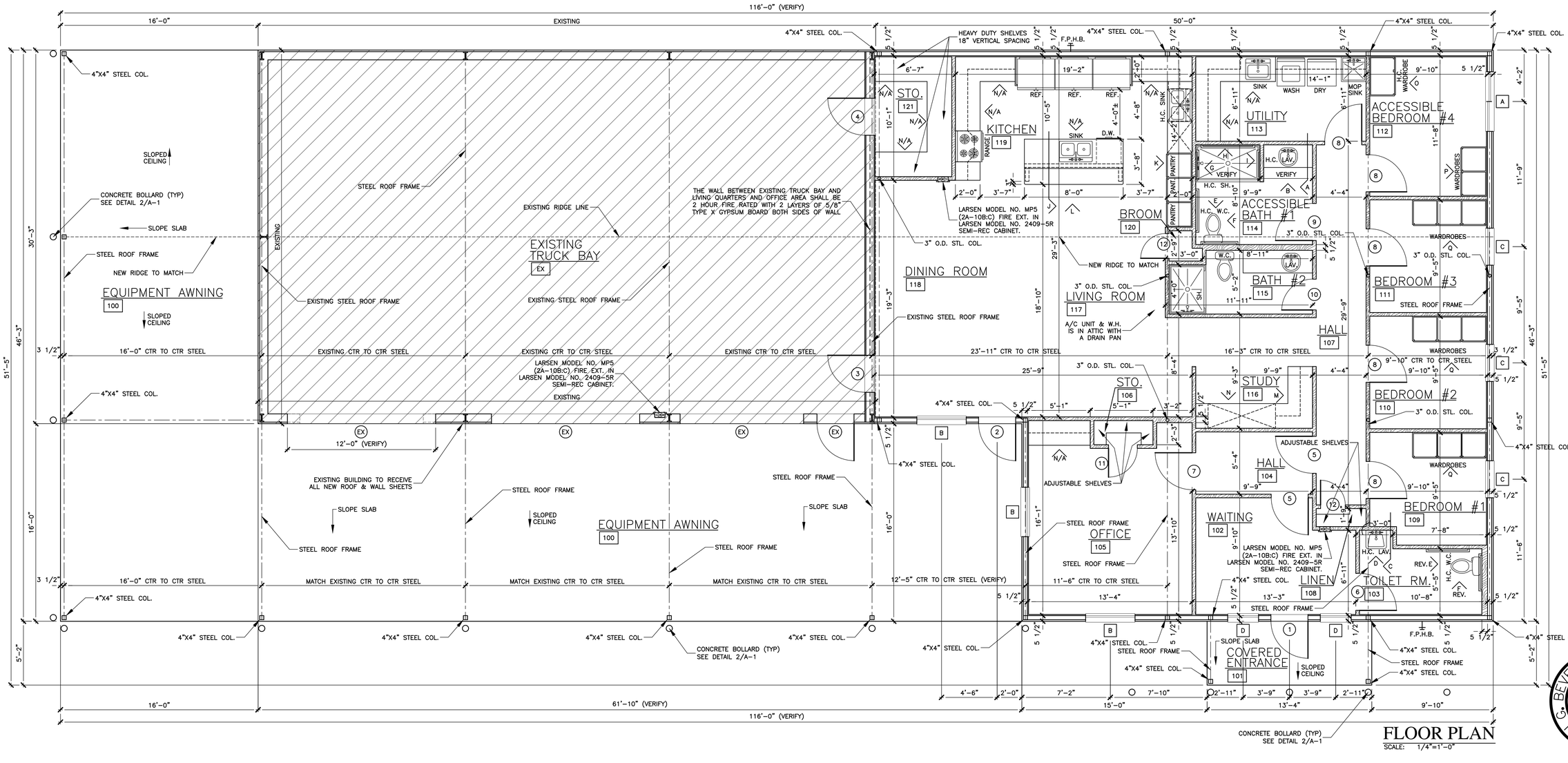
- EXISTING METAL BUILDING WALL W/ 8" WALL GIRTS & METAL SIDING OUTSIDE
- 2 HR WALL W/ 8" WALL GIRTS W/ HAT CHANNELS & 2 LAYERS 5/8" TYPE X GYPSUM BOARD BOTH SIDES OF WALL
- METAL BUILDING WALL W/ 4" WALL GIRTS & METAL SIDING OUTSIDE & HAT CHANNELS W/ 1/2" GYPSUM BOARD ON INSIDE
- 2"X6" STUD WALL WITH STUDS AT 16" O.C. W/ 1/2" GYPSUM BOARD ON BOTH SIDES OF WALL
- 2"X4 STUD WALL WITH STUDS AT 16" O.C. W/ 1/2" GYPSUM BOARD ON BOTH SIDES OF WALL

A — WINDOW MARKER

1 — DOOR MARKER

A — CABINET/INT. ELEV MARKER

101 — ROOM FINISH MARKER



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

JOHN G. BEVERLY • ARCHITECT
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DUBLIN, TEXAS
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DRAWINGS THIS SHEET: FLOOR PLAN, SCHEDULES, SYMBOL LEGEND

START DATE: 3/31/22
REVISED: 9/20/22

JOB NUMBER: 22C10
DRAWN BY: J.G.B.

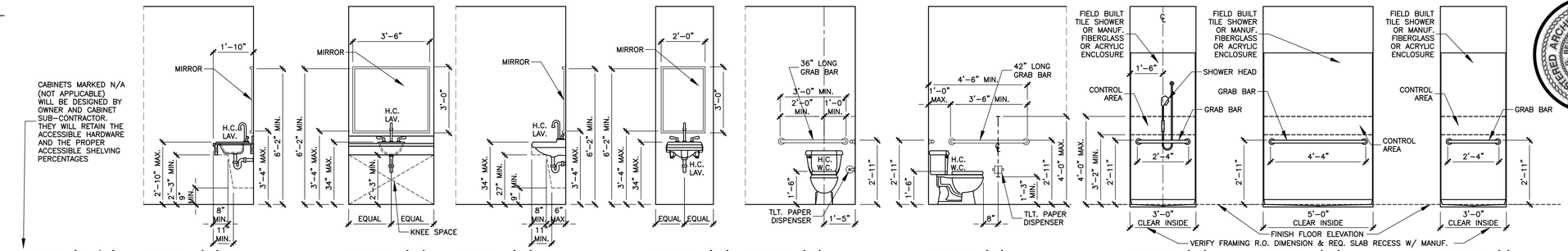
SHEET NO: A-2
OF: --

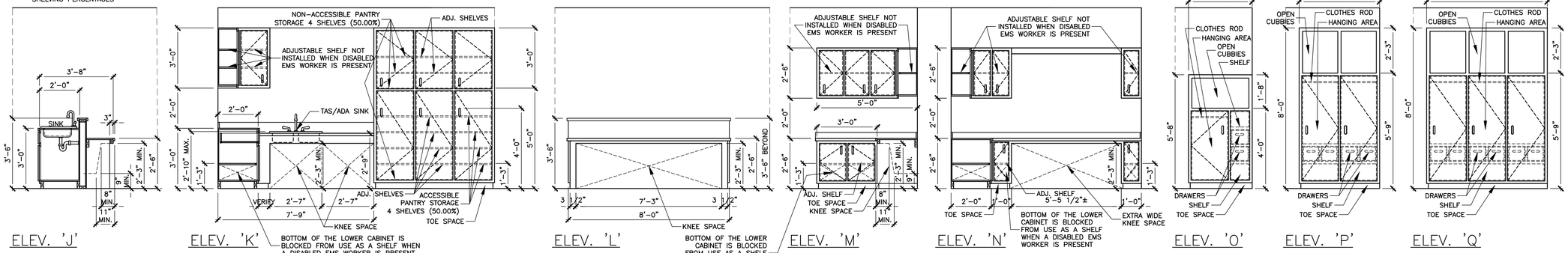
JOHN G. BEVERLY ARCHITECT

CABINET NOTES:

1. CONTRACTOR SHALL VERIFY ALL CABINET DIMENSIONS AND FIELD MEASURE CABINET LOCATIONS PRIOR TO STARTING CONSTRUCTION OF CABINETS
2. ALL CABINETS ON THIS PROJECT ARE CONSTRUCTED OUT OF SOLID WOOD FACE FRAMES, CABINET GRADE PLYWOOD END PANELS AND SHALL HAVE STAIN GRADE DOORS.
3. ALL CABINETS ON THIS PROJECT SHALL HAVE PLYWOOD BACKS AND SHALL HAVE NO MDF OR PARTICLE BOARD IN ANY PART OF ITS CONSTRUCTION.
4. ALL SHELVES SHALL HAVE HARDWOOD NOSING.
5. OWNER SHALL SELECT CABINET DOOR AND DRAWER FRONT STYLE.
6. OWNER SHALL MAKE SELECTION OF ALL HARDWARE FINISHES, STAIN COLORS AND CABINET TOPS.
7. CABINET DOOR AND DRAWER HANDLES SHALL BE ACCESSIBLE TYPE THAT DO NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.
8. ALL UPPER CABINETS NOMINAL 12" DEEP UNLESS NOTED OTHERWISE.
9. ALL LOWER CABINETS NOMINAL 24" DEEP UNLESS NOTED OTHERWISE.
10. CABINETS N/A (NOT APPLICABLE ELEVATIONS MARKERS) WILL BE DESIGNED BY OWNER AND CABINET SUB-CONTRACTOR. THEY WILL RETAIN THE ACCESSIBLE HARDWARE AND THE PROPER ACCESSIBLE SHELVING PERCENTAGES

CABINETS MARKED N/A (NOT APPLICABLE) WILL BE DESIGNED BY OWNER AND CABINET SUB-CONTRACTOR. THEY WILL RETAIN THE ACCESSIBLE HARDWARE AND THE PROPER ACCESSIBLE SHELVING PERCENTAGES





INTERIOR ELEVATIONS

SCALE: 3/8"=1'-0"

MECHANICAL NOTES:

1. HVAC SYSTEM SHALL BE INSTALLED BY A LICENSED MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL INSTALL THE HVAC SYSTEM IN ACCORDANCE WITH THE 2015IMC (INTERNATIONAL MECHANICAL CODE).
2. HVAC SYSTEM SHALL HAVE A MINIMUM SEER RATING OF 13.
3. IF HVAC SYSTEM HAS A GAS FURNACE GAS PIPING SHALL BE INSTALLED BY PLUMBING CONTRACTOR LICENSED TO INSTALL GAS PIPING.
4. OUTDOOR CONDENSING UNITS SHALL BE MOUNTED ON PRECAST CONCRETE PADS.
5. THIS BUILDING WAS LESS THAN 5,000 SQUARE FEET, AND THEREFORE THE MECHANICAL PORTION OF THE DESIGN WAS NOT REQUIRED BY THE "TEXAS STATE ENGINEERING PRACTICE ACT" TO BE SEALED BY AN ENGINEER LICENSED IN THE STATE OF TEXAS. THIS DRAWING IS A NON-ENGINEERED DESIGN PROVIDED BY THE ARCHITECT.
6. HVAC SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING ALL COMPONENTS OF THE AIR CONDITIONING SYSTEM INCLUDING BUT NOT LIMITED TO UNIT TONNAGE, HEATING CAPACITY, R/A GRILL SIZING, R/A PLENUM SIZE, S/A PLENUM SIZE AND DUCTWORK SIZES. HE SHALL HAVE HIS SIZING INFORMATION AVAILABLE TO THE CITY FOR REVIEW.

ELECTRICAL NOTES:

1. ALL ELECTRICAL SHALL BE INSTALLED BY A LICENSED ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL ELECTRICAL IN ACCORDANCE WITH THE 2014 NEC (NATIONAL ELECTRICAL CODE).
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO HVAC EQUIPMENT.
3. PROVIDE GFI (GROUND FAULT INTERRUPTER) OUTLETS IN ALL AREAS ADJACENT TO SINKS OR LAVATORIES.
4. ANY OUTDOOR OUTLETS SHALL BE GFI (GROUND FAULT INTERRUPTER) OUTLETS, AND SHALL BE WEATHER PROOF.
5. ALL FIXTURES USED SHALL BE SELECTED BY OWNER.
6. ALL WIRING, CONDUIT, LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATION OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED AS PART OF THIS CONTRACTORS RESPONSIBILITY.
7. LAYOUT AND LOCATION OF ELECTRICAL FIXTURES SHALL BE DETERMINED BY OWNER WITH CONSULTATION FROM ELECTRICAL CONTRACTOR SO THAT CODE REQUIREMENTS ARE MEET.
8. THIS BUILDING WAS LESS THAN 5,000 SQUARE FEET, AND THEREFORE THE ELECTRICAL PORTION OF THE DESIGN WAS NOT REQUIRED BY THE "TEXAS STATE ENGINEERING PRACTICE ACT" TO BE SEALED BY AN ENGINEER LICENSED IN THE STATE OF TEXAS. THIS DRAWING IS A NON-ENGINEERED DESIGN PROVIDED BY THE ARCHITECT.
9. ELECTRICAL SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING ALL PORTIONS OF THE ELECTRICAL SYSTEM INCLUDING BUT NOT LIMITED TO SERVICE SIZE, PANEL SIZE, PANEL LAYOUT, WIRE SIZE, AND BREAKER SIZES. HE SHALL HAVE HIS SIZING INFORMATION AVAILABLE TO THE CITY FOR REVIEW.

PLUMBING NOTES:

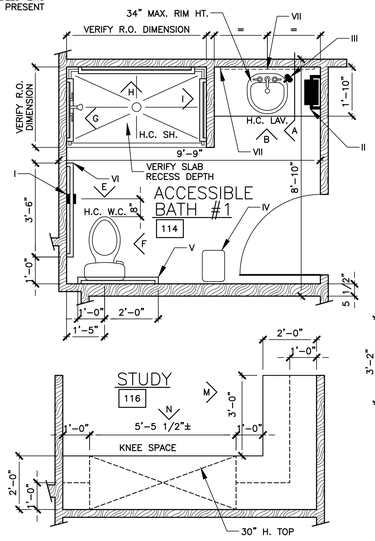
1. ALL PLUMBING SHALL BE INSTALLED BY A LICENSED PLUMBER. PLUMBER SHALL INSTALL PLUMBING IN ACCORDANCE WITH THE 2015 IPC (INTERNATIONAL PLUMBING CODE).
2. ALL JOINTS AND CONNECTIONS SHALL BE MADE ABOVE FLOOR LINE.
3. ALL FIXTURES USED SHALL BE SELECTED BY OWNER.
4. ALL FIXTURES SHALL BE REQUIRED TO HAVE STOP VALVE AT WALL.
5. ALL VENTS SHALL BE CARRIED THROUGH ROOF, COMPLETE WITH ROOF JACKS.
6. THIS BUILDING WAS LESS THAN 5,000 SQUARE FEET, AND THEREFORE THE PLUMBING PORTION OF THE DESIGN WAS NOT REQUIRED BY THE "TEXAS STATE ENGINEERING PRACTICE ACT" TO BE SEALED BY AN ENGINEER LICENSED IN THE STATE OF TEXAS. THIS DRAWING IS A NON-ENGINEERED DESIGN PROVIDED BY THE ARCHITECT.
7. PLUMBING SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING ALL PORTIONS OF THE PLUMBING SYSTEM INCLUDING BUT NOT LIMITED TO SERVICE SIZE, COLD WATER PIPING SIZE, HOT WATER PIPING SIZE, WASTE WATER PIPING SIZE, LOCATION OF VENT STACKS AND CLEAN OUTS. HE SHALL HAVE HIS SIZING INFORMATION AVAILABLE TO THE CITY FOR REVIEW.

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN APPLICABLE SECTIONS OF THE 2015 IBC (INTERNATIONAL BUILDING CODE).
2. DIMENSIONS ARE FROM FACE OF STUD, FACE OF STEEL OR CENTER OF STEEL UNLESS NOTED OTHERWISE.
3. COLORS OF METAL SIDING, METAL ROOFING AND METAL TRIM SHALL BE SELECTED BY OWNER.
4. WALL BOARD SHALL BE 1/2" GYPSUM BOARD EXCEPT THE 2 HR. FIRE WALL WHICH WILL HAVE 2 LAYERS OF 5/8" TYPE X GYPSUM BOARD BOTH SIDES OF WALL.
5. TRIM INCLUDING BUT NOT LIMITED TO BASE BOARDS, DOOR CASING AND WINDOW STOOLS OR SILLS SHALL BE AS SELECTED BY OWNER.
6. EXTERIOR WALLS SHALL BE INSULATED WITH SPRAY FOAM INSULATION THAT MEETS THE REQUIREMENTS OF THE 2015 IECC (INTERNATIONAL ENERGY CONSERVATION CODE).
7. INTERIOR WALLS SHALL BE INSULATED WITH R-8 OR R-11 SOUND INSULATION.
8. CEILINGS SHALL BE INSULATED WITH SPRAY FOAM INSULATION THAT MEETS THE REQUIREMENTS OF THE 2015 IECC (INTERNATIONAL ENERGY CONSERVATION CODE).
9. ALL GLAZING MUST MEET ALL REQUIREMENTS OF THE 2015 IBC (INTERNATIONAL BUILDING CODE) AND 2015 IECC (INTERNATIONAL ENERGY CONSERVATION CODE).
10. INTERIOR FINISHES INCLUDING BUT NOT LIMITED TO PAINT, WALL TEXTURE, AND TILE SHALL BE AS SELECTED BY OWNER.
11. INTERIOR FINISH MATERIALS MUST BE CLASS I OR A FLAME SPREAD CLASSIFICATION FOR VERTICAL EXIT ENCLOSURES, CLASS II OR B (OR BETTER) FLAME SPREAD CLASSIFICATION FOR ALL OTHER AREAS OF EGRESS AND CLASS III OF C (OR BETTER) FLAME SPREAD CLASSIFICATION FOR ALL OTHER PORTIONS OF THE BUILDING.
12. HOOKUPS REQUIRED FOR PLUMBING FIXTURES AND APPLIANCES SHALL BE AS PER MANUFACTURES SPECIFICATIONS AND SHALL MEET REQUIREMENTS SET FORT IN THE 2015 IPC (INTERNATIONAL PLUMBING CODE), 2014 NEC (NATIONAL ELECTRICAL CODE).
13. IT SHALL BE THE ULTIMATE RESPONSIBILITY OF THE OWNER (CLIENT) TO FULLY REVIEW THESE DRAWINGS AND VERIFY DOOR & WINDOW SCHEDULES AND ALL OTHER ITEMS THAT MAY EFFECT THE DESIRED RESULT. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES SUCH THAT ANY REQUIRED DESIGN CHANGE CAN BE PROCESSED PRIOR TO THE START OF CONSTRUCTION.
14. CONTRACTORS SHALL VERIFY ACTUAL DIMENSIONS OF ALL PLUMBING FIXTURES, H.V.A.C. EQUIPMENT AND APPLIANCES AND SHALL MAKE ANY MODIFICATIONS TO DIMENSIONS SO THAT ALL ITEMS FIT PROPERLY.
15. ALL ROOF PENETRATIONS SHALL BE MADE ON BACK SIDE OF ROOF SO AS NOT TO BE VISIBLE FROM FRONT OF BUILDING.
16. THE TEXAS BOARD OF ARCHITECTURAL EXAMINERS, 333 GUADALUPE, SUITE 2-350, AUSTIN, TEXAS 78701, HAS JURISDICTION OVER INDIVIDUALS LICENSED UNDER THE ARCHITECT'S REGISTRATION LAW, TEXAS CIVIL STATUTES, ARTICLE 249a.

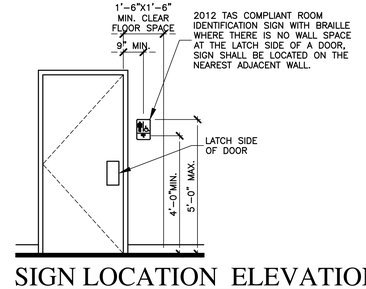
STRUCTURAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH REQUIREMENTS SET FORTH IN APPLICABLE SECTIONS OF THE 2015 IBC (INTERNATIONAL BUILDING CODE).
2. ALL FRAMING LUMBER TO BE #2 GRADE SOUTHERN PINE OR DOUGLAS FIR OR BETTER.
3. INTERIOR WALL FRAMING SHALL BE 2"X4" STUDS AT 16" O.C..
4. EXTERIOR WALL FRAMING SHALL BE 4" METAL STUDS AT 16" O.C..
5. PLUMBING WALL FRAMING BEHIND WATER CLOSETS SHALL BE 2"X6" STUDS AT 16" O.C..
6. WOOD BLOCKING REQUIRED IN WALLS SHALL BE 2"X4".
7. METAL BUILDING STRUCTURE SHALL BE DESIGNED BY METAL BUILDING CONTRACTOR AND/OR STEEL SUPPLIER



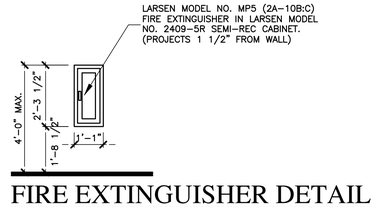
ENLARGED FLOOR PLANS

SCALE: 3/8"=1'-0"



SIGN LOCATION ELEVATION

SCALE: 3/8"=1'-0"



FIRE EXTINGUISHER DETAIL

SCALE: 3/8"=1'-0"

TOILET RM. EQUIP. SCHEDULE:

MK.	DESCRIPTION	MFG.	MODEL NO.	NOTES:
I	TLT. PAPER DISP.	AS SELECTED	AS SELECTED	1
II	ROLL PAPER TOWEL DISP.	AS SELECTED	AS SELECTED	2&4
III	COUNTER TOP SOAP DISP.	AS SELECTED	AS SELECTED	2&4
IV	TRASH CAN	AS SELECTED	AS SELECTED	2
V	36" GRAB BAR	AMERICAN SPECIALTIES INC.	3500-36	3
VI	42" GRAB BAR	AMERICAN SPECIALTIES INC.	3500-42	3
VII	42" X 36" MIRROR	AMERICAN SPECIALTIES INC.	0620	5
VIII	24" X 36" MIRROR	AMERICAN SPECIALTIES INC.	0620	5

NOTES:

1. MOUNTED WITH THE CENTER OF THE DISPENSER 8" IN FRONT OF THE FRONT EDGE OF THE TOILET BOWL WITH THE DISPENSER OUTLET A MAXIMUM OF 48" A.F.F. & MINIMUM OF 15" A.F.F.
2. VERIFY MOUNTING OF ALL H.C. FIXTURES SO THAT ANY OPERABLE PORTION OF THE FIXTURE IS A MAXIMUM OF 48" A.F.F. & MINIMUM OF 15" A.F.F. FOR AN UNOBSTRUCTED REACH. IF THERE IS A FORWARD REACH OBSTRUCTION OF 20" TO 25", THE MAXIMUM HEIGHT SHALL BE 44" A.F.F. & IF THERE IS A SIDE REACH OBSTRUCTION OF 10" TO 24" THE MAXIMUM HEIGHT SHALL BE 46" A.F.F.
3. TOP MOUNTED AT 35" A.F.F.
4. FORWARD REACH OVER AN OBSTRUCTION REQUIRES A 27" H. & 30" W. KNEE SPACE THAT IS AT LEAST THE THE DEPTH OF THE FORWARD REACH.
5. MOUNTED SO THAT BOTTOM EDGE OF REFLECTING SURFACE IS 3'-4" OR LOWER AND TOP EDGE OF REFLECTING SURFACE IS 6'-2" OR HIGHER.

FIRE PROTECTION NOTES:

1. THERE IS NOT AN AUTOMATIC FIRE SPRINKLER SYSTEM INSTALLED IN THIS E.M.S. BUILDING.
2. THERE IS NOT A FIRE ALARM SYSTEM INSTALLED IN THIS E.M.S. BUILDING.
3. FIRE ALARM SYSTEM SHALL MEET ALL REQUIREMENTS SET FORT IN THE TAS "TEXAS ACCESSIBILITY STANDARDS".
4. FINAL FIRE EXTINGUISHER LOCATIONS SHALL BE APPROVED BY THE CITY FIRE INSPECTOR.
5. ALL FIRE EXTINGUISHERS SHALL BE MOUNTED IN RECESSED CABINETS.
6. THE FIRE EXTINGUISHERS SHALL BE CERTIFIED ANNUALLY.
7. AN EMERGENCY KEY ACCESS BOX SHALL MOUNTED ON THE EXTERIOR OF THE BUILDING. ITS FINAL LOCATION SHALL BE APPROVED BY THE CITY FIRE INSPECTOR.

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DRAWINGS THIS SHEET: ENLARGED PLANS, INTERIOR ELEVATIONS, NOTES

START DATE: 3/31/22
REVISED: 9/20/22
DRAWN BY: J.G.B.

JOB NUMBER: 22C10

SHEET NO: A-3
OF: --

EMPLOYEE WORK AREA SCHEDULE:

MK.	SPACE NAME	MK.	SPACE NAME
EX	EXISTING TRUCK BAY	106	STORAGE
100	EQUIPMENT AWNING	121	STORAGE

ACCESSIBLE KITCHEN SHELVING:

TYPE	LOCATION	CALCULATION	TOTAL	PERCENT
ACCESSIBLE	LOWER	(5.46'+8.83'+1.50' LONG)X(2' WIDE)X(1 SHELF HIGH*)	31.58 SQ.FT.	63.97%
NON ACCESSIBLE	UPPER	(6.46'+9.83'+1.50' LONG)X(1' WIDE)X(1 SHELF HIGH*)	17.79 SQ.FT.	36.03%
ALL CABINETS	BOTH	(TOTAL OF ABOVE)	49.37 SQ.FT.	100.00%

* NOTE THAT UPPER CABINET ADJUSTABLE SHELVES NOT INSTALLED AND THE BOTTOM OF THE LOWER CABINET IS BLOCKED FROM USE AS A SHELF WHEN A DISABLED EMS WORKER IS PRESENT.

ACCESSIBLE UTILITY SHELVING:

TYPE	LOCATION	CALCULATION	TOTAL	PERCENT
ACCESSIBLE	LOWER	(8.46' LONG)X(2' WIDE)X(1 SHELF HIGH*)	16.92 SQ.FT.	64.14%
NON ACCESSIBLE	UPPER	(9.46' LONG)X(1' WIDE)X(1 SHELF HIGH*)	9.46 SQ.FT.	35.86%
ALL CABINETS	BOTH	(TOTAL OF ABOVE)	26.38 SQ.FT.	100.00%

* NOTE THAT UPPER CABINET ADJUSTABLE SHELVES NOT INSTALLED AND THE BOTTOM OF THE LOWER CABINET IS BLOCKED FROM USE AS A SHELF WHEN A DISABLED EMS WORKER IS PRESENT.

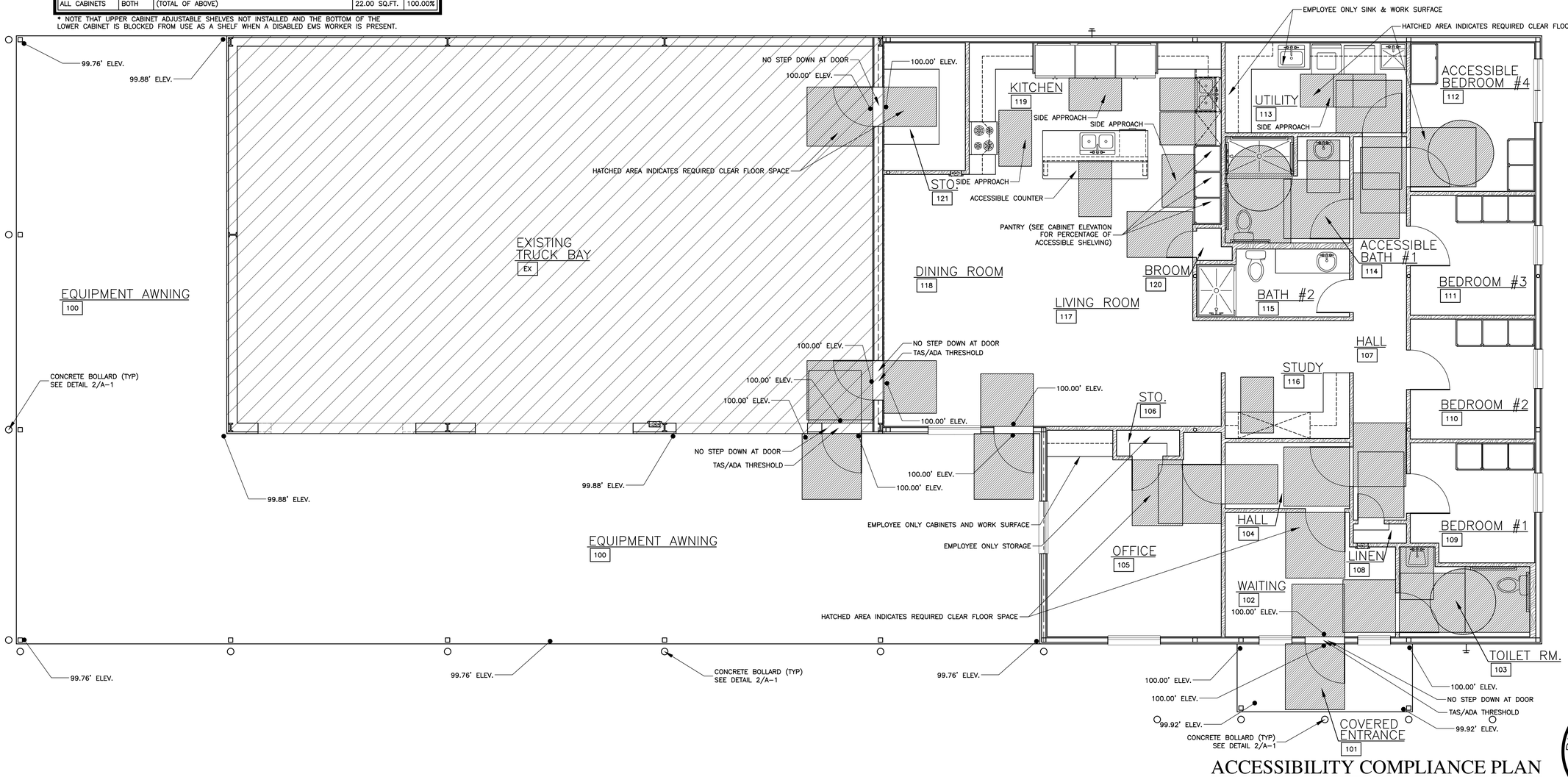
ACCESSIBLE STUDY SHELVING:

TYPE	LOCATION	CALCULATION	TOTAL	PERCENT
ACCESSIBLE	LOWER	(6.00'+1.00' LONG)X(2' WIDE)X(1 SHELF HIGH*)	14.00 SQ.FT.	63.64%
NON ACCESSIBLE	UPPER	(7.00'+1.00' LONG)X(1' WIDE)X(1 SHELF HIGH*)	8.00 SQ.FT.	36.36%
ALL CABINETS	BOTH	(TOTAL OF ABOVE)	22.00 SQ.FT.	100.00%

* NOTE THAT UPPER CABINET ADJUSTABLE SHELVES NOT INSTALLED AND THE BOTTOM OF THE LOWER CABINET IS BLOCKED FROM USE AS A SHELF WHEN A DISABLED EMS WORKER IS PRESENT.

ACCESSIBILITY NOTES:

1. GENERAL:
THIS PROJECT SHALL FULLY COMPLY WITH THE 2012 TAS "TEXAS ACCESSIBILITY STANDARDS" A PDF FORMAT FILE OF THE COMPLETE 2012 TAS REGULATIONS IS AVAILABLE AS A DOWNLOAD FROM THE TDLR "TEXAS DEPARTMENT OF LICENSING AND REGULATION" ARCHITECTURAL BARRIERS WEB SITE AT...
http://www.tdlr.state.tx.us/ab/2012TAS/2012tascomplete.pdf
2. FLOOR OR GROUND SURFACES:
FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH SECTION 302 OF THE 2012 TAS.
3. CHANGES IN LEVEL:
WHERE CHANGES IN LEVEL ARE PERMITTED IN FLOOR OR GROUND SURFACES, THEY SHALL COMPLY WITH SECTION 303 OF THE 2012 TAS.
4. TURNING SPACE:
TURNING SPACE SHALL COMPLY WITH SECTION 304 OF THE 2012 TAS.
5. CLEAR FLOOR OR GROUND SPACE:
CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH SECTION 305 OF THE 2012 TAS.
6. KNEE AND TOE CLEARANCE:
WHERE SPACE BENEATH AN ELEMENT IS INCLUDED AS PART OF CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE, THE SPACE SHALL COMPLY WITH SECTION 306 OF THE 2012 TAS. ADDITIONAL SPACE SHALL NOT BE PROHIBITED BENEATH AN ELEMENT BUT SHALL NOT BE CONSIDERED AS PART OF THE CLEAR FLOOR OR GROUND SPACE OR TURNING SPACE.
7. PROTRUDING OBJECTS:
PROTRUDING OBJECTS SHALL COMPLY WITH SECTION 307 OF THE 2012 TAS.
8. REACH RANGES:
REACH RANGES SHALL COMPLY WITH SECTION 308 OF THE 2012 TAS.
9. OPERABLE PARTS:
OPERABLE PARTS SHALL COMPLY WITH SECTION 309 OF THE 2012 TAS.
10. ACCESSIBLE ROUTES:
ACCESSIBLE ROUTES SHALL COMPLY WITH SECTION 402 OF THE 2012 TAS.
11. WALKING SURFACES:
WALKING SURFACES THAT ARE A PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH SECTION 403 OF THE 2012 TAS.
12. DOORS, DOORWAYS, AND GATES:
DOORS, DOORWAYS, AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH SECTION 404 OF THE 2012 TAS.
13. RAMPS:
THERE ARE NO RAMPS ON THIS PROJECT SECTION 405
14. CURB RAMPS:
THERE ARE NO CURB RAMPS ON THIS PROJECT SECTION 406
15. ELEVATORS OF ANY KIND OR PLATFORM LIFTS:
THERE ARE NO ELEVATORS ON THIS PROJECT SECTION 407, 408, 409 & 410
16. PARKING SPACES:
CAR AND VAN PARKING SPACES SHALL COMPLY WITH SECTION 502 OF THE 2012 TAS WHERE PARKING SPACES ARE MARKED WITH LINES, WIDTH MEASUREMENTS OF PARKING SPACES AND ACCESS AISLES SHALL BE MADE FROM THE CENTERLINE OF THE MARKINGS.
17. PASSENGER LOADING ZONES:
THERE ARE NO PASSENGER LOADING ZONES ON THIS PROJECT SECTION 503
18. STAIRWAYS:
THERE ARE NO STAIRS ON THIS PROJECT SECTION 504
19. HANDRAILS:
THERE ARE NO HANDRAILS ON THIS PROJECT SECTION 505
20. DRINKING FOUNTAINS:
THERE ARE NO DRINKING FOUNTAINS ON THIS PROJECT SECTION 602
21. TOILET AND BATHING ROOMS:
TOILET AND BATHING ROOMS SHALL COMPLY WITH SECTION 603 OF THE 2012 TAS.
22. WATER CLOSETS AND TOILET COMPARTMENTS:
WATER CLOSETS AND TOILET COMPARTMENTS SHALL COMPLY WITH SECTION 604.2 THROUGH 604.8 OF THE 2012 TAS.
23. URINALS:
THERE ARE NO URINALS ON THIS PROJECT SECTION 605
24. LAVATORIES AND SINKS:
LAVATORIES AND SINKS SHALL COMPLY WITH SECTION 606 OF THE 2012 TAS.
25. BATHTUBS:
THERE ARE NO BATHTUBS ON THIS PROJECT SECTION 607
26. SHOWER COMPARTMENTS:
SHOWER COMPARTMENTS SHALL COMPLY WITH SECTION 608 OF THE 2012 TAS.
27. GRAB BARS:
GRAB BARS IN TOILET FACILITIES AND BATHING FACILITIES SHALL COMPLY WITH SECTION 609 OF THE 2012 TAS.
28. SEATS:
SEATS IN BATHTUBS AND SHOWER COMPARTMENTS SHALL COMPLY WITH SECTION 610 OF THE 2012 TAS.
29. WASHING MACHINES AND CLOTHES DRYERS:
WASHING MACHINES AND CLOTHES DRYERS SHALL COMPLY WITH SECTION 611 OF THE 2012 TAS.
30. SAUNAS AND STEAM ROOMS:
THERE ARE NO SAUNAS AND STEAM ROOMS ON THIS PROJECT SECTION 612
31. FIRE ALARM SYSTEMS:
THERE ARE NO FIRE ALARM SYSTEMS ON THIS PROJECT SECTION 702
32. SIGNS:
SIGNS SHALL COMPLY WITH SECTION 703 OF THE 2012 TAS. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
33. TELEPHONES:
THERE ARE NO PUBLIC TELEPHONES ON THIS PROJECT SECTION 704
34. DETECTABLE WARNINGS:
THERE ARE NO DETECTABLE WARNINGS ON THIS PROJECT SECTION 705
35. ASSISTIVE LISTENING SYSTEMS:
THERE ARE NO ASSISTIVE LISTENING SYSTEMS ON THIS PROJECT SECTION 706
36. THE FOLLOWING SECTIONS DO NOT APPLY TO THIS PROJECT:
SECTIONS 707, 708, 802 AND 803
37. KITCHENS AND KITCHENETTES:
KITCHENS AND KITCHENETTES SHALL COMPLY WITH SECTION 804 OF THE 2012 TAS.
38. THE FOLLOWING SECTIONS DO NOT APPLY TO THIS PROJECT:
SECTIONS 805, 806, 807, 808 AND 810
39. RESIDENTIAL DWELLING UNITS:
RESIDENTIAL DWELLING UNITS SHALL COMPLY WITH SECTION 809 OF THE 2012 TAS.
40. STORAGE:
STORAGE SHALL COMPLY WITH SECTION 811 OF THE 2012 TAS.
41. DINING SURFACES AND WORK SURFACES:
DINING SURFACES AND WORK SURFACES SHALL COMPLY WITH SECTION 902.2 AND 902.3 OF THE 2012 TAS.
42. THE FOLLOWING SECTIONS DO NOT APPLY TO THIS PROJECT:
SECTIONS 903, 904, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009 AND 1010



ACCESSIBILITY COMPLIANCE PLAN

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

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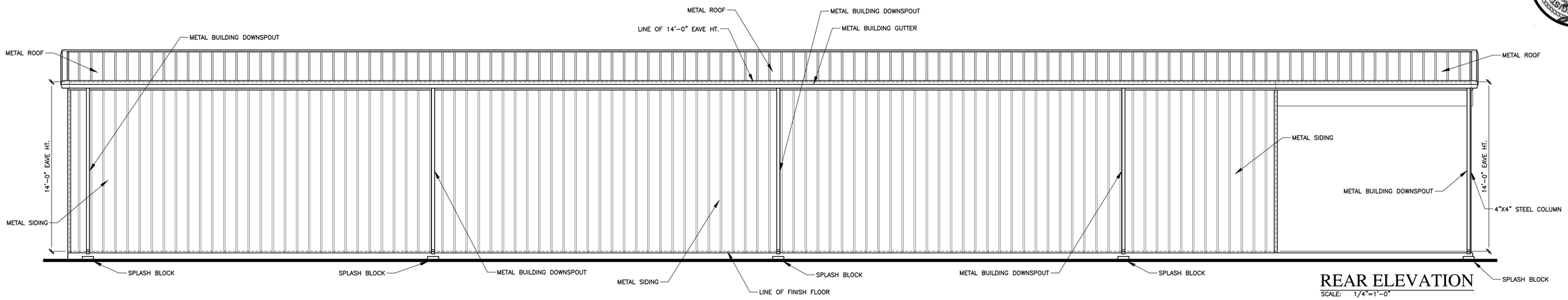
DRAWINGS THIS SHEET:
ACCESSIBILITY COMPLIANCE PLAN
ACCESSIBILITY NOTES
ACCESSIBILITY SCHEDULES

START DATE: 3/31/22
REVISED: 9/20/22

JOB NUMBER: 22C10
DRAWN BY: J.G.B.

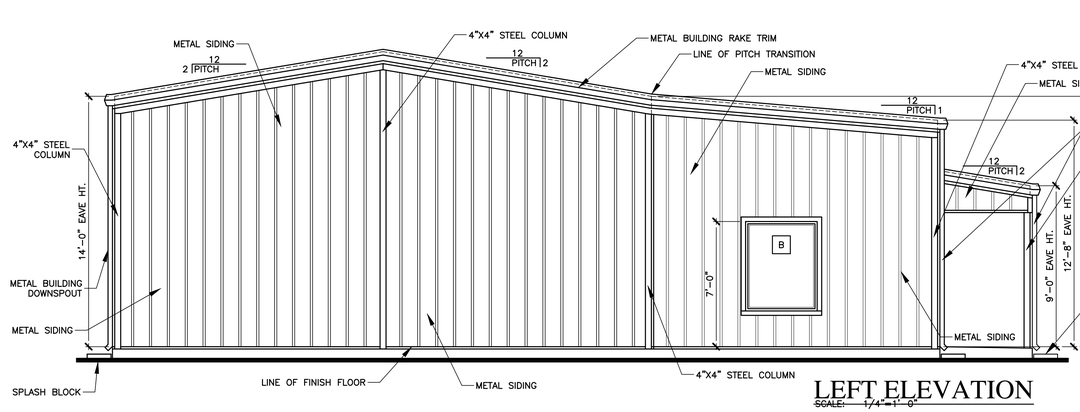
SHEET NO. A-4
OF: --

JOHN G. BEVERLY ARCHITECT



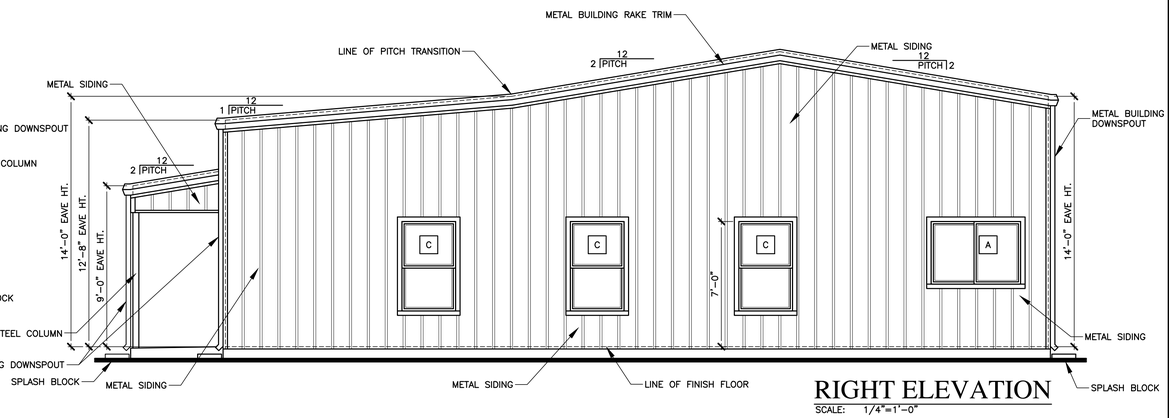
REAR ELEVATION

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



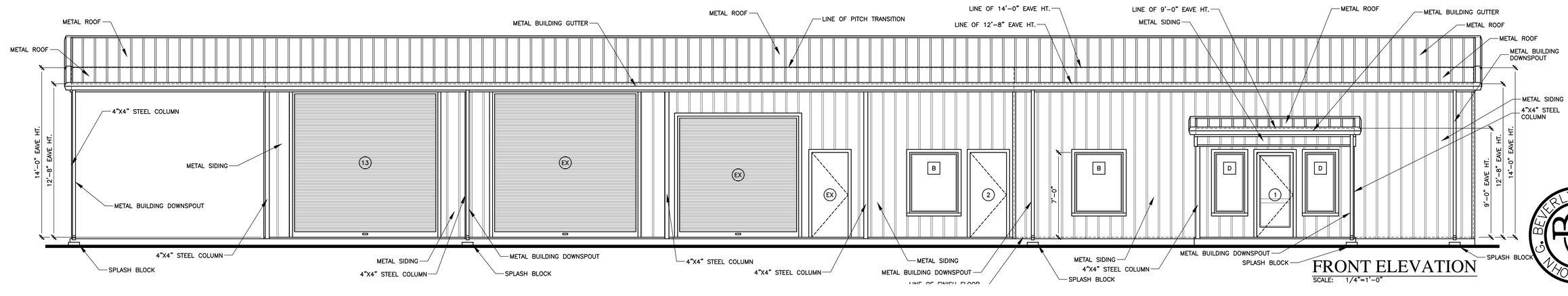
LEFT ELEVATION

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



RIGHT ELEVATION

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



FRONT ELEVATION

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

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DRAWINGS THIS SHEET:
FRONT ELEVATION
RIGHT & LEFT ELEVATIONS
REAR ELEVATION

START DATE: 3/31/22
REVISED: 9/20/22

JOB NUMBER: 22C10
DRAWN BY: J.G.B.

SHEET NO. A-5
OF: --

JOHN G. BEVERLY ARCHITECT

A NEW FIRE STATION
FOR THE
CITY OF ASHFORD

ASHFORD, ALABAMA

CODE INFORMATION

CODE REVIEW DATA

REQUIRED FIRE RATINGS FOR WALLS AND OPENINGS:
(PER FBC TABLE 601)

ELEMENT:

PRIMARY STRUCTURAL FRAME: 0 HOURS.

BEARING WALLS: EXTERIOR: 0 HOURS.
INTERIOR: 0 HOURS.

NONBEARING WALLS & PARTITIONS: EXTERIOR: SEE TABLE 602
INTERIOR: 0 HOURS.

FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS:
0 HOURS.

ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS:
0 HOURS.

USE AND OCCUPANCY CLASSIFICATION:
IBC, BUSINESS GROUP B / STORAGE GROUP S-2 (2015 IBC-CHAPTER 3)

TYPES OF CONSTRUCTION:
IBC, TYPE V, (B) UNPROTECTED (2015 IBC-CHAPTER 5 & 6)

AUTOMATIC SPRINKLER SYSTEM:
NON-SPRINKLERED - ENTIRE BUILDING

MAXIMUM TRAVEL TO EXIT (NON-SPRINKLERED): TABLE 1006.2.1 & 1017.2 (2015 IBC)
COMMON PATH OF TRAVEL - 75'
MAXIMUM TRAVEL DISTANCE TO EXIT - 200'

MINIMUM NUMBER OF REQUIRED PLUMBING FACILITIES:
TABLE 2902.1 (2015 IBC)
BUSINESS GROUP B OCCUPANCY: B

HEIGHT LIMIT: TABLE 504.3 (2015 IBC)
ALLOWABLE BUILDING HEIGHT = 40'-0"
ACTUAL BUILDING HEIGHT: 20'-0"

ALLOWABLE NUMBER OF STORIES: TABLE 504.4 (2015 IBC)
MAXIMUM NUMBER OF STORIES ALLOWED = 2
NUMBER OF STORIES = 1

ALLOWABLE AREA FACTOR: TABLE 506.2 (2015 IBC)
ALLOWABLE BUILDING AREA = 9,000
ACTUAL BUILDING AREA = 6,440

OCCUPANCY SEPARATION: TABLE 508.4 (2015 IBC)
2 HOUR SEPARATION

OCCUPANCY LOADS USED: TABLE 1004.1.2 (2015 IBC)
BUSINESS AREAS - 100 GROSS
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM - 300 GROSS

TOTAL OCCUPANT LOAD PER IBC:
28 OCCUPANTS

CORRIDORS:
DEAD END CORRIDORS: TABLE 1020.4 (IBC 2015)
LENGTH OF DEAD-END CORRIDORS SHALL NOT EXCEED 20 FEET.

PER TABLE 1020.1, THE CORRIDOR IS NOT REQUIRED TO BE RATED.

BUSINESS B: REQUIRED PER TABLE 2902.1 OF THE 2015 IBC

WATER CLOSETS		LAVATORIES		WATER FOUNTAINS	OTHER
MALE	FEMALE	MALE	FEMALE	1 PER 100	SERVICE SINK
1 PER 25 FOR THE FIRST 50		1 PER 40 FOR THE 1ST 80		= 1	(S.S.)
= 1		= 1			1

TOTAL PROVIDED:

WATER CLOSETS	LAVATORIES	WATER FOUNTAINS	OTHER
2	2	2	SERVICE SINK 1

GENERAL NOTES

1. APPLICABLE CODES:
   - A. 2015 INTERNATIONAL BUILDING CODE
   - B. 2015 INTERNATIONAL PLUMBING CODE
   - C. 2015 INTERNATIONAL MECHANICAL CODE
   - D. 2015 INTERNATIONAL FUEL GAS CODE
   - E. 2015 INTERNATIONAL FIRE CODE
   - F. 2014 INTERNATIONAL ELECTRIC CODE
   - G. THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
   - K. LOCAL BUILDING OFFICIAL'S REQUIREMENTS
   - I. LOCAL AND STATE HEALTH DEPARTMENT REGULATIONS
   - J. LOCAL ENGINEERING DEPARTMENT REGULATIONS AND REQUIREMENTS
2. CODES REFERENCE A MINIMUM STANDARD OF WORK TO BE ACHIEVED. IN ALL CASES, THE MOST RESTRICTIVE REQUIREMENTS OF NATIONAL CODES, LOCAL CODES, OR THE CONSTRUCTION DOCUMENTS SHALL PREVAIL.
3. PERMITS AND LICENSES: AS REQURIED FOR THE WORK, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND/OR LICENSES FROM ALL GOVERNING AGENCIES.
4. DEFINITIONS:
   - A. FURNISH: SUPPLY AND DELIVER TO PROJECT SITE, READY FOR INSPECTION.
   - B. INSTALL: PLACE IN POSITION FOR SERVICE OR USE.
   - C. PROVIDE: FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
5. ALL WORK SHALL COMPLY WITH "EXECUTION REQUIREMENTS" IN THE CONSTRUCTION SPECIFICATIONS.
6. ALL WORK SHALL COMPLY WITH "CUTTING AND PATCHING" IN THE CONSTRUCTION SPECIFICATIONS.
7. TEMPORARY FACILITIES: PROVIDE FACILITES AS CALLED FOR IN "TEMPORARY FACILITIES AND CONTROLS" IN THE CONSTRUCTION FACILITIES.
8. COORDINATION OF THE WORK: COMPLY WITH "PROJECT MANAGEMENT AND COORDINATION" AND "EXECUTION REQUIREMENTS" IN THE CONSTRUCTION SPECIFICATIONS.
9. SCHEDULE DISRUPTION OF UTILITY SERVICES TO THE SITE AND SURROUNDING AREAS WITH THE OWNER AT LEAST ONE WEEK IN ADVANCE.
10. ALL FINISHES ARE TO BE SELECTED BY THE ARCHITECT. FURNISH ALL MANUFACTURER'S STANDARD RANGES OF COLORS, FINISHES, AND LUSTERS TO THE ARCHITECT FOR REVIEW, SELECTION, AND APPROVAL. SEE "SUBMITTAL PROCEDURES" IN THE CONSTRUCTION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11. PROJECT CONDITIONS, INCLUDING DIMENSIONAL INFORMATION AND QUALITY CONDITIONS, SHALL BE VERIFIED AT THE SITE PRIOR TO BIDDING AND PERFORMING THE WORK. NOTIFY THE ARCHITECT OF ALL DISCOVERED DISCREPANCIES BEFORE BIDDING THE WORK, ORDERING MATERIALS, OR PERFORMING THE WORK.

GENERAL ARCHITECTURAL NOTES

1. COORDINATION WITH OTHER DISCIPLINES: THE CONTRACTOR SHALL COORDINATE ALL ARCHITECTURAL WORK WITH REQUIREMENTS OF ALL OTHER DISCIPLINES.
2. CIVIL, MECHANICAL, PLUMBING, ELECTRICAL, AND STRUCTURAL DISCIPLINE ITEMS SHOWN ON THE ARCHITECTURAL DRAWINGS ARE FOR COORDINATION PURPOSES. REFER TO SPECIFIC DISCIPLINE SHEETS FOR DETAILED INFORMATION.
3. DIMENSIONS: ALL DIMENSIONS ON ARCHITECTURAL PLAN DRAWINGS ARE REFERENCED TO COLUMN CENTERLINES, FACE OF STUD FRAMING, FACE OF CONCRETE MASONRY UNITS, OR FACE OF BRICK MASONRY (ABOVE WATER TABLE); UNLESS NOTED OTHERWISE.
4. MODULAR MASONRY DIMENSIONS: FOR CLARITY, NOMINAL SIZES ARE PROVIDED FOR MASONRY WORK ON PLAN DRAWINGS, IT IS INTENDED THAT THE MASONRY WORK BE LAYED OUT USING THE ACTUAL SIZE OF THE MASONRY ELEMENT WITH A 3/8" MORTAR JOINT. VERTICAL DIMENSIONING OF MASONRY ELEMENTS SHALL COURSE ON AN 8" MODULE (3 BRICKS + 3 JOINTS = 8", 1 CMU + 1 JOINT = 8").
5. CRITICAL DIMENSIONS: DIMENSIONS NOTED AS "CLEAR" OR "CRITICAL" SHALL BE MEASURED FROM FACE OF FINISH TO FACE OF FINISH.
6. WALL ALIGNMENT: THE CENTER LINE OF WALLS INTERSECTING A WINDOW MULLION SHALL BE ALIGNED WITH THE CENTER LINE OF THE WINDOW MULLION (UNLESS NOTED OTHERWISE).
7. FRAMED PARTITIONS NOT REQUIRED TO EXTEND TO THE STRUCTURE ABOVE SHALL BE BRACED TO THE STRUCTURE 48" OC ABOVE THE CEILING LINE. ANGLE OF BRACE TO PARTITION SHALL NOT EXCEED 60 DEGREES OR BE LESS THAN 30 DEGREES.
8. BLOCKING: PROVIDE SECURE BRACING AND BLOCKING WITHIN FRAMED PARTITIONS AT WALL MOUNTED SHELVING, MOULDING, GRAB BARS, TOILET PARTITIONS, TOILET ACCESSORIES, MARKER BOARDS, ELECTRIC WATER COOLERS, FIRE EXTINGUISHER CABINETS, DOOR STOPS, HAND RAILS, GUARD RAILS, ETC.,,,, ENSURE REQUIRED LOAD CARRYING CAPACITY OF CRITICAL ELEMENTS SUCH AS HANDRAILS AND GRAB BARS.
9. SURFACE PREPARATION: THE CONTRACTOR SHALL PROPERLY PREPARE ALL SUBSTRATES TO RECEIVE THE SCHEDULED FINISH MATERIAL, INCLUDING PATCHING, SANDING, FILLING, CLEANING, AND PRIMING WORK. ALL PREPARATION WORK SHALL, AS A MINIMUM, COMPLY WITH THE MANUFACTURER'S REQUIREMENTS.
10. FASTENERS: ALL FASTENERS AND ATTACHMENTS SHALL BE FULLY CONCEALED FROM VIEW, UNLESS NOTED OTHERWISE.
11. EXTERIOR FLOOR SURFACES: SLOPE EXTERIOR WALKS AND SURFACES FOR SURFACE WATER RUNOFF AND TO ELIMINATE PONDING. SLOPE ALL SURFACES AWAY FROM BUILDING.
12. DOOR CLEARANCES: PROVIDE CLEAR SPACE AT DOORS TO ACCESSIBLE SPACES IN COMPLIANCE WITH 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. OBTAIN WRITTEN DIRECTION FROM ARCHITECT FOR ALL UNCERTAINTIES.
13. FLOOR MATERIAL CHANGE: MAKE ALL FLOOR MATERIAL TRANSITIONS UNDER CENTER OF DOOR, UNLESS NOTED OTHERWISE.
14. INSTALL MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL TOILET SPACES, JANITOR'S CLOSETS, AND ON ALL WALLS WHERE SINKS AND LAVATORIES ARE LOCATED.
15. THERMAL INSULATION VALUES: PROVIDE THERMAL INSULATION, COMPLYING WITH THE CONSTRUCTION SPECIFICATIONS, WITH THE FOLLOWING MINUMUM VALUES:
   - A. EXTERIOR WALLS: R-19
   - B. ATTIC: R-30
16. BUILDING ENVELOPE: SEAL ALL EXTERIOR WALLS TO ELIMINATE AIR AND MOISTURE INFILTRATION. USE BATT INSULATION FILLER, BACKER ROD, AND/OR SEALANT IN IRREGULAR VOIDS ABOVE GRADE. SEAL ALL CRACKS BETWEEN WALLS AND ROOF DECK WHERE AIR INFILTRATION BETWEEN CONDITIONED AND NON-CONDITIONED SPACES OCCUR.
17. CONTROL JOINT PLACEMENT: COORDINATE LOCATION OF CONTROL JOINTS IN CONCRETE SLABS TO ELIMINATE OR MINIMIZE VISIBLE JOINTS IN FLOOR FINISHES. LOCATE JOINTS UNDER WALLS AND IN ALIGNMENT WITH PLANNED TILE JOINT LAYOUT. OBTAIN DIRECTION FROM ARCHITECT FOR ALL UNCERTAINTIES.

SHEET INDEX

architecture jml

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CHAD M BROWN
7489
REGISTERED ARCHITECT

A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	APRIL 19, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO:	21-20
DRAWN BY:	JAMEY AVERY
CHECKED BY:	CHAD BROWN

SHEET TITLE

TITLE SHEET

G1.1
SHEET 1 OF 1

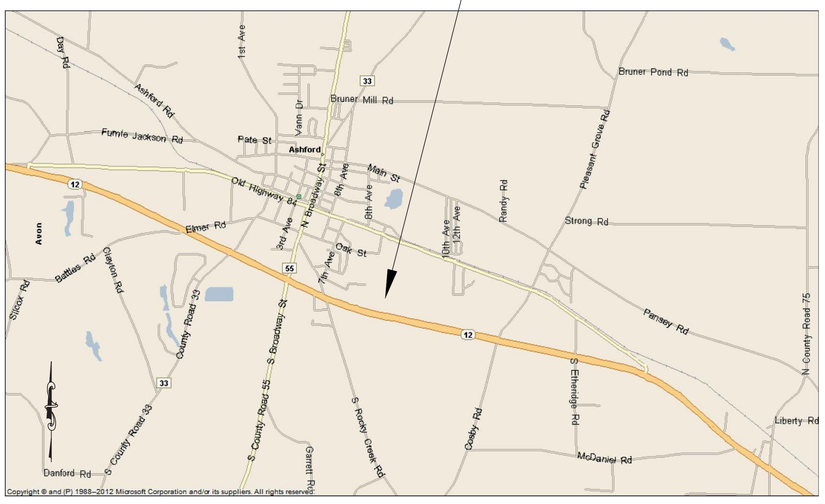
SITE CONSTRUCTION PLANS
FOR

ASHFORD FIRE STATION

U.S. HWY. 84 EAST
ASHFORD, ALABAMA

APRIL, 2022

PROJECT LOCATION



VICINITY MAP
NOT TO SCALE

INDEX TO SHEETS

OWNER/DEVELOPER:
CITY OF ASHFORD
525 N. BROADWAY ST.
ASHFORD, AL. 36312

NES PROJECT NO. 40-2107

NORTHSTAR ENGINEERING SERVICES
(P)334.673.9895 (F)334.673.1846
2431 Hartford Hwy Dothan, AL. 36305
web: www.northstarengineering.com

ALABAMA
No. 19822
PROFESSIONAL
ENGINEER
E. LEE BROWN
4-13-22

GENERAL NOTES

1. Existing conditions and utilities shown are from field observations at the time of survey and available records. No guarantee is made that other underground utilities do not exist.

2. The Contractor shall be responsible for contacting the appropriate municipal authorities and utility companies to obtain their assistance in locating underground utilities. The Contractor shall be responsible for the protection of all utilities throughout the construction period. The costs for repairing utilities damaged by construction activities shall be the responsibility of the Contractor.

3. The Contractor shall comply with local, state, and federal regulations. an NPDES permit will be obtained by the owner. the contractor is responsible for the inspections, testing, etc. AS REQUIRED by the NPDES permit. the contractor shall employ a QCP or QCI AS REQUIRED by the permit. other permits or licenses required for the construction activities shall be responsibility of the contractor.

4. The Contractor shall be responsible for construction stake out and field engineering.

5. The Contractor shall protect existing control points and benchmarks, whether public or private. The owners of control points and benchmarks that will be disturbed by construction activities shall be contacted prior to disturbance of the markers.

6. Traffic control devices shall be installed and maintained in accordance with Alabama Department of Transportation specifications and the "Manual on Uniform Traffic Control Devices."

7. The Contractor shall be responsible for the repair of any roadways or haul routes damaged by construction operations.

8. Prior to beginning earthwork operations, the site grading area shall be cleared and grubbed and stripped of topsoil. Topsoil shall be stockpiled on site to be reused in landscaped areas, and/or areas outside pavements and building structures.

9. Debris from clearing and grubbing operations shall be removed from the project site and legally disposed of by the Contractor. Burning on site will not be allowed.

10. REFERENCE THE REPORT OF GEOTECHNICAL SUBSURFACE INVESTIGATION No. G22-6412 DATED FEBRUARY 26, 2022, BY CARMICHAEL ENGINEERING REGARDING UNDERCUTTING OF WEAK SURFACE SOILS IN THE PLANNED BUILDING AREAS. THE CONTRACTOR SHALL ADHERE TO THE GEOTECHNICAL REPORT FOR SOIL PREPARATION IN ALL BUILDING AND PAVEMENT AREAS.

11. All debris and organic materials shall be removed from areas receiving fill and the owner's engineer shall be notified before beginning any backfill operations. An inspection shall be performed to determine stability of existing material. Should un-suitable material be encountered, the contractor shall remove same, at the direction of the engineer, and replace with embankment material. Fill material shall be suitable on-site material or a sand-clay mixture suitable for structural fill. Embankment fill shall be accomplished in lifts of 8 inch maximum compacted thickness. Each lift shall be compacted to a minimum of 98% Standard Proctor Density (ASTM D 698). The top 6" layer of fill in pavement and building areas, and the top 6" of sub-grade in cut areas shall be processed and compacted to 100% Standard Proctor Density (ASTM D 698). Embankment fill is any fill placed to obtain finish sub-grade elevation.

12. The Contractor shall employ an independent testing laboratory approved by the owner with recommendation of the Engineer to perform density tests.
    Testing will be required as follows:
    A. test every 200 L.F. for trenches per lift underneath paving.
    B. test every 700 S.Y. per lift of subgrade, base and asphalt processed or placed.
    C. There shall be no subsequent layers placed before the underlying layer has all passing density tests.
    Test locations shall be approved by the Engineer.

11. Concrete shall develop a minimum 28-day compressive strength of 3,000 psi.

12. Subgrade, base, paving, and pavement markings shall be constructed in accordance with Alabama Department of Transportation specifications as referenced.

13. Pipe bedding and installation shall be in accordance with the minimum recommendations of the supplier. Pipe trenches shall be backfilled and properly compacted so that excessive trench settlement does not occur. Storm Drainage Pipe beneath roadways & paved areas shall be Class III Reinforced Concrete Pipe.

14. The Contractor shall be responsible for compliance with all OSHA guidelines and regulations. The use of a trench box may be required where space for trench side slopes is limited. If a trench box is used, the Contractor shall be responsible for providing a box which is properly designed for the protection of workers and property.

15. The final grades of all appurtenances, i.e. manholes, valve boxes, cleanouts, etc., shall be adjusted to match final grades.

16. The contractor is responsible for all drainage and erosion control during construction.

17. The Developer shall be responsible for the relocation of any conflicting utilities within or related to the development of this property.

18. It is the contractor's responsibility to restrict public access to this site during construction.

19. In all landscaping areas adjacent to the building, the site contractor shall provide a minimum topsoil thickness of 2 feet between the building and curb.

EROSION & SEDIMENT CONTROL NOTES

1. AN ADEM NPDES PERMIT FOR CONSTRUCTION ACTIVITIES SHALL BE OBTAINED BY THE OWNER PRIOR TO ANY CONSTRUCTION OR LAND DISTURBANCE.
2. PRIOR TO ANY LAND DISTURBANCE, A COPY OF THE ADEM PERMIT AND RAIN GUAGE SHALL BE POSTED BY THE CONTRACTOR AT THE CONSTRUCTION ENTRANCE OR OUTSIDE THE TEMPORARY CONSTRUCTION OFFICE.
3. A COPY OF THE CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN (CBMPP) SHALL BE MAINTAINED ONSITE DURING NORMAL OPERATING HOURS WHEN LAND DISTURBING ACTIVITIES ARE OCCURRING.
4. ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES.
5. SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AT THE BEGINNING OF SITE GRADING AS SOON AS PRACTICAL. THESE DEVICES WILL REQUIRE PERIODIC MAINTENANCE AND REPAIR AND SHALL REMAIN IN PLACE AND FUNCTIONAL UNTIL SITE HAS BEEN ADEQUATELY STABILIZED WITH VEGETATION. THE EROSION AND SEDIMENT CONTROL MEASURES REPRESENTED IN THESE DRAWINGS SHALL BE CONSIDERED MINIMUM REQUIREMENTS, AND ADDITIONAL MEASURES COULD BE REQUIRED DEPENDING ON SITE CONDITIONS, WEATHER, CONSTRUCTION METHODS, ETC...
6. EACH DAY THERE IS ACTIVITY AT THE SITE, THE CONTRACTOR SHALL VISUALLY INSPECT THE TEMPORARY SEDIMENT CONTROL DEVICES AND SHALL MAINTAIN A LOG OF ALL DAILY INSPECTIONS AND NOTE ANY BMP DEFICIENCIES OBSERVED.
7. CONTRACTOR SHALL MAINTAIN A LOG OF ALL RAINFALL MEASUREMENTS DURING CONSTRUCTION.
8. SITE INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED CREDENTIAL INSPECTOR (QCI), QUALIFIEID CREDENTIALED PROFESSIONAL (QCP) OR QUALIFIED PERSON UNDER THE DIRECT SUPERVISION OF THE QCP. INSPECTIONS SHALL BE PERFORMED ONCE EACH MONTH OR AFTER ANY RAIN EVENT PRODUCING MORE THAN 3/4 INCHES OF RAIN WITHIN A 24 HOUR PERIOD. INSPECTIONS SHALL BE DONE NO LATER THAN 72-HOURS FOLLOWING THE RAIN EVENT. COPIES OF THE INSPECTION REPORTS SHALL BE KEPT ONSITE AT THE TEMPORARY CONSTRUCTION OFFICE AND SHALL BE AVAILABLE FOR REVIEW BY ADEM PERSONNEL.
9. MODIFICATIONS OF THE EROSION AND SEDIMENT CONTROL PLAN CAN BE EXPECTED AS THE PROJECT IS CONSTRUCTED & ADDITIONAL MEASURES SHALL BE IDENTIFIED IF NEEDED AS A RESULT OF SITE INSPECTIONS.
10. FOLLOW MANUFACTURER SPECIFICATIONS FOR INSTALLATION OF EROSION & SEDIMENT CONTROL DEVICES.
11. MINIMIZE DISTURBANCE BY RESTRICTING CLEARING LIMITS TO NECESSARY CONSTRUCTION/GRADING AREAS ONLY.
12. PROVIDE AND MAINTAIN A 25 FOOT NATURAL RIPARIAN BUFFER AROUND SURFACE WATERS.
13. INSTALL 50'X20' (MINIMUM) GRAVEL PAD AT CONSTRUCTION ENTRANCE/EXIT TO REDUCE OFF-SITE VEHICLE TRACKING.
14. INSTALL SILT FENCE AT TOE OF SLOPES ON PERIMETER OF CONSTRUCTION AREAS PRIOR TO EARTHWORK. REINFORCE WITH WIRE FENCE (TYPE "A") OR HAY BALES ON ALL SILT FENCING LOCATED BELOW SLOPES THAT HAVE ELEVATION DIFFERENCES GREATER THAN 10 FEET.
15. PROVIDE INLET PROTECTION USING TYPE "A" SILT FENCE OR "SILT SAVER" DOMES FOR EXCAVATED DROP INLET PROTECTION. INSTALL BLOCK AND GRAVEL OR "SILT SAVER" CURB INLET PROTECTION AROUND EXISTING CURB INLETS. INLET PROTECTION SHALL BE ADEQUATELY MAINTAINED.
16. ALL DISTURBED AREAS AND SLOPES NOT CURRENTLY UNDERGOING GRADING/CONSTRUCTION FOR A PERIOD GREATER THAN 13 DAYS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT VEGETATION. ALL DISTURBED AREAS THAT HAVE BEEN GRADED AND NOT RECEIVING PAVEMENT, LANDSCAPING, OR OTHER PERMANENT IMPROVEMENTS SHALL RECEIVE TOPSOIL AND SODDING.
17. PROTECT ALL TREES THAT ARE NOT TO BE REMOVED FROM SITE. DO NOT PARK VEHICLES, CONSTRUCTION EQUIPMENT, OR STOCKPILE MATERIALS WITHIN DRIP LINE OF TREES.
18. MINIMIZE THE GENERATION OF DUST THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES.
19. WASTEWATER FROM WASHOUT OF CONCRETE TRUCKS OR EQUIPMENT SHALL BE PROPERLY MANAGED. A CONCRETE WASHOUT PIT SHALL BE CONSTRUCTED ONSITE AND ALL CONCRETE WASTE MATERIALS SHALL BE ADEQUATELY CONTAINED.
20. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AS REQUIRED BY THE ENGINEER, PLANS AND CITY REPRESENTATIVE. SILT FENCING SHALL BE MEASURED AND DATED ON EACH RUN. AN INSPECTION LOG WILL BE REQUIRED TO BE SUBMITTED TO THE CITY. SILTATION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH RAIN EVENT AND AT MINIMUM ONCE A MONTH. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY AND NO FURTHER WORK WILL PROCEED UNTIL SAID DEFICIENCIES ARE CORRECTED AS PER THE CITY OR ENGINEER'S APPROVAL.
21. ANY BMP DEFICIENCIES NOTED DURING INSPECTIONS SHALL BE CORRECTED WITHIN 5 DAYS OF THE INSPECTION UNLESS PREVENTED BY UNSAFE WEATHER CONDITIONS. IF UNSAFE WEATHER CONDITIONS ARE PRESENT, THEY SHOULD BE DOCUMENTED WITHIN THE DAILY INSPECTION LOG.
22. THE CONTRACTOR SHALL PROMPTLY TAKE ALL STEPS TO REMOVE, TO THE MAXIMUM EXTENT PRACTICAL, SEDIMENT ACCUMULATIONS OR OTHER POLLUTANTS DEPOSITED OFFSITE OR IN ANY WATERBODY OR STORMWATER CONVEYANCE STRUCTURE.

PROJECT DEVELOPER/OWNER

CITY OF ASHFORD
525 N. BROADWAY ST.
ASHFORD, AL 36312

UTILITY OWNERS

WATER

CITY OF ASHFORD
518 BROADWAY ST.
ASHFORD, AL 36312
(334) 899-5171

ELECTRIC

ALABAMA POWER
518 BROADWAY ST.
ASHFORD, AL 36312
(334) 899-5171

GAS

SOUTHEAST GAS
2390 ROSS CLARK CIRCLE
DOTHAN, AL 36301
(334) 794-0567

TELEPHONE & CABLE SERVICES

LUMEN (CENTURYLINK)
206 W. TROY ST.
DOTHAN, AL 36303-4455
(334) 500-4010
CONTACT PERSON: CHRIS HAWK

TIME WARNER CABLE
104 SOUTH WOODBURN DRIVE
DOTHAN, AL 36305
(334) 793-1752
CONTACT PERSON: WENDELL JONES

COMCAST
557 S. OATES ST.
DOTHAN, AL 36301
(334) 794-3171

WOW!
1676 MONTGOMERY HIGHWAY
DOTHAN, AL 36303
(334) 699-3333

PROJECT No. 40-2107
DATE: APRIL, 2022
SCALE: N.T.S.

DRAWN BY: M. AMAN
APPROVED BY: P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR
ASHFORD FIRE STATION
CITY OF ASHFORD
HOUSTON COUNTY, ALABAMA
GENERAL NOTES

NORTHSTAR ENGINEERING SERVICES
(P)334.673.9895 (F)334.673.1846
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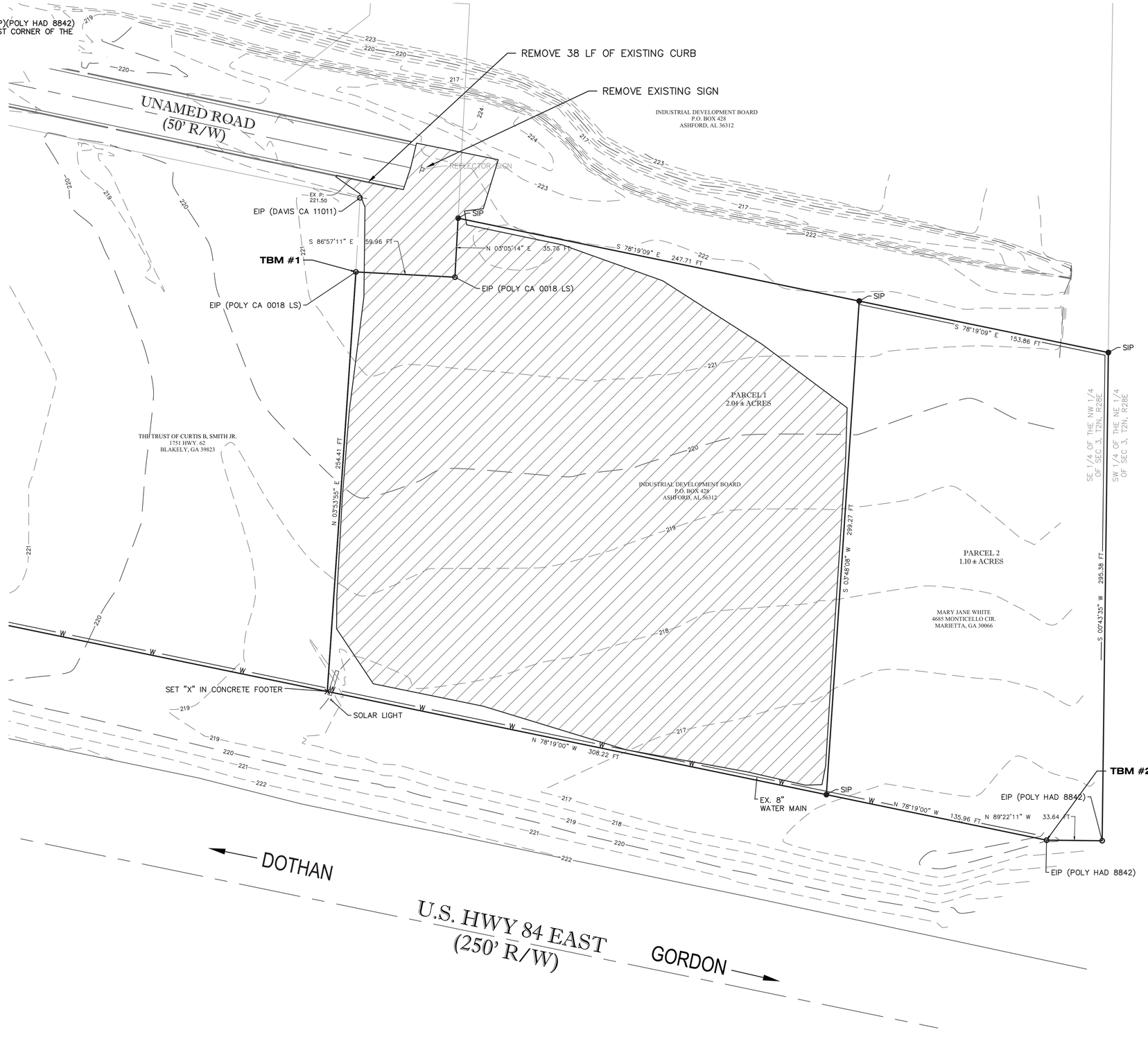
AL CERT. OF AUTH. CA-1896E, CA-0621LS
FL CERT. OF AUTH. 26312-E, 7858-S
GA CERT. OF AUTH. 003129
MS CERT. OF AUTH. E-00001825

TBM #1

A EXISTING IRON PIN (EIP)(POLY CA0018LS)
LOCATED AT THE NORTHWEST CORNER OF
THE PROPERTY
N = 245322.5660
E = 846202.8520
ELEV = 221.50

TBM #2

AN EXISTING IRON PIN (EIP)(POLY HAD 8842)
LOCATED AT THE SOUTEAST CORNER OF THE
PROPERTY (AS SHOWN)
N = 244978.8010
E = 846620.5250
ELEV = 214.91



LEGEND

- FIRE HYDRANT
- PP — POWER POLE
- LP — LIGHT POLE
- WV — WATER VALVE
- WM — WATER METER
- GM — GAS METER
- GV — GAS VALVE
- SANITARY MANHOLE
- TELEPHONE BOX
- SIGN
- ECM — EXISTING CONCRETE MONUMENT
- EIP — EXISTING IRON PIN
- MAILBOX
- GW — GUYWIRE
- CONTROL POINT
- TELEPHONE RISER
- CABLE RISER
- R/W — RIGHT OF WAY
- RCP — REINFORCED CONCRETE PIPE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- SCM — CONCRETE MONUMENT TO BE SET
- SIP — IRON PIN TO BE SET
- W — PROPOSED WATER METER
- UT — UNDERGROUND TELEPHONE
- OE — OVERHEAD ELECTRIC
- SS — EXIST. SANITARY SEWER LINE
- W — EXIST. WATER MAIN
- EXIST. STORM DRAIN LINE
- GAS — EXIST. GAS MAIN
- EXISTING TREE LINE
- X — EXISTING FENCE
- 325 — EXISTING CONTOUR
- 325 — PROPOSED CONTOURS
- PRO SS — PROPOSED SANITARY SEWER LINE
- PRO W — PROPOSED WATER LINE
- MBL — MINIMUM BUILDING LINE
- PROPERTY LINE
- CLEARING, GRUBING & GRADING AREA 1.95± ACRES

NOTES:

1. NO WORK SHALL BE DONE ON THE ALDOT RIGHT OF WAY WITHOUT AN APPROVED PERMIT AND DRAWINGS.
2. CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND STORM DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS SOON AS CLEARING AND GRUBBING OPERATIONS ARE BEGUN. SEE EROSION CONTROL PLAN. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
4. CONTRACTOR SHALL ADHERE TO CLEARING AND GRUBBING LIMITS UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
5. ALL DISTURBED AREAS SHALL BE GRASSED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED. THE FINAL PAYMENT SHALL NOT BE RELEASED UNTIL ALL AREAS HAVE STAND OF PERMANENT GRASS.

GRID NORTH BASED ON THE ALABAMA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

30 0 30 60 90

SCALE: 1"=30'

PROJECT No.
40-2107

DATE: APRIL, 2022

SCALE: 1" = 30'

DRAWN BY:
M. AMAN

APPROVED BY:
P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR
ASHFORD FIRE STATION
CITY OF ASHFORD
HOUSTON COUNTY, ALABAMA
EX. CONDITIONS/DEMO. PLAN

NORTHSTAR ENGINEERING SERVICES
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AL CERT. OF AUTH. CA-1896E, CA-0621LS
FL CERT. OF AUTH. 26312-E, 7858-S
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SHEET 3
OF 9

TBM #1

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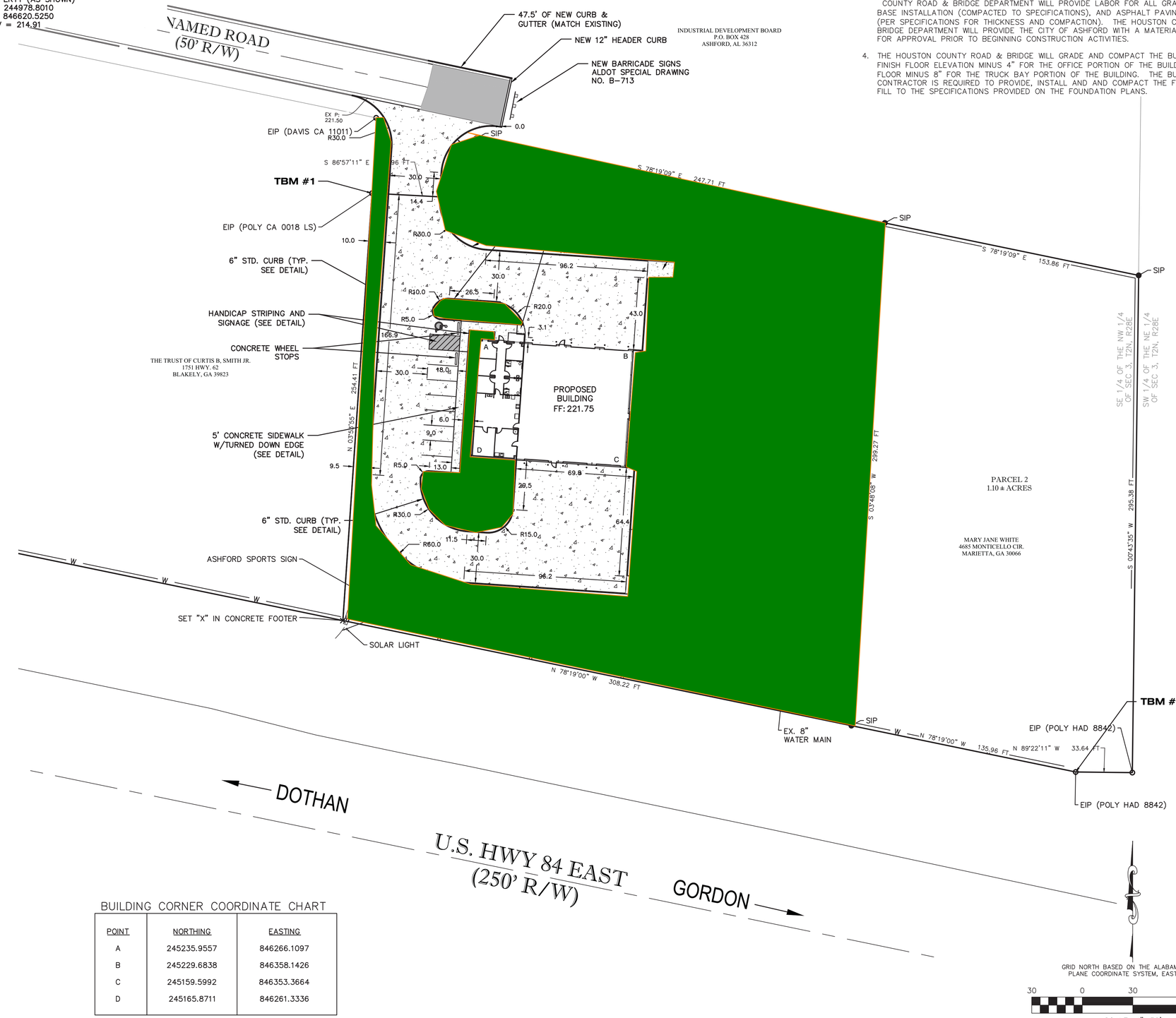

NOTE:
1. THE BASE BID SHALL INCLUDE ALL SITE WORK AND CONCRETE PAVING AS SHOWN ON THE PLANS.
2. BIDDERS SHALL PROVIDE A DEDUCTIVE ALTERNATE FOR THE 8" CONCRETE PAVEMENT AND COMPACTED BASE COURSE PER DETAIL.
3. THE HOUSTON COUNTY ROAD & BRIDGE DEPARTMENT SHALL PROVIDE THE CITY OF ASHFORD WITH A MATERIALS PRICE FOR INSTALLING THE BASE AND ASPHALT PAVING IN ACCORDANCE WITH THE ASPHALT PAVEMENT DETAIL SHOWN ON THE CONSTRUCTION PLANS AND THE CARMICHAEL ENGINEERING GEOTECHNICAL REPORT DATED FEBRUARY 26,2022. THE HOUSTON COUNTY ROAD & BRIDGE DEPARTMENT WILL PROVIDE LABOR FOR ALL GRADING, SAND CLAY BASE INSTALLATION (COMPACTED TO SPECIFICATIONS), AND ASPHALT PAVING INSTALLATION (PER SPECIFICATIONS FOR THICKNESS AND COMPACTION). THE HOUSTON COUNTY ROAD & BRIDGE DEPARTMENT WILL PROVIDE THE CITY OF ASHFORD WITH A MATERIAL COSTS QUOTE FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
4. THE HOUSTON COUNTY ROAD & BRIDGE WILL GRADE AND COMPACT THE BUILDING PAD TO FINISH FLOOR ELEVATION MINUS 4" FOR THE OFFICE PORTION OF THE BUILDING AND FINISH FLOOR MINUS 8" FOR THE TRUCK BAY PORTION OF THE BUILDING. THE BUILDING CONTRACTOR IS REQUIRED TO PROVIDE, INSTALL AND AND COMPACT THE FOUNDATION SELECT FILL TO THE SPECIFICATIONS PROVIDED ON THE FOUNDATION PLANS.

LEGEND

- FIRE HYDRANT
- PP — POWER POLE
- LP — LIGHT POLE
- WV — WATER VALVE
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- PROPERTY LINE
- PROPOSED CONCRETE SIDEWALK (SEE DETAIL)
- PROPOSED CONCRETE PAVING (SEE DETAIL)
- PROPOSED ASPHALT PAVING (SEE DETAIL)

NOTES:

1. NO WORK SHALL BE DONE ON THE ALDOT RIGHT OF WAY WITHOUT AN APPROVED PERMIT AND DRAWINGS.
2. CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND STORM DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS SOON AS CLEARING AND GRUBBING OPERATIONS ARE BEGUN. SEE EROSION CONTROL PLAN. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
4. CONTRACTOR SHALL ADHERE TO CLEARING AND GRUBBING LIMITS UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
5. ALL DISTURBED AREAS SHALL BE GRASSED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED. THE FINAL PAYMENT SHALL NOT BE RELEASED UNTIL ALL AREAS HAVE A STAND OF PERMANENT GRASS.
6. DIMENSIONS SHOWN ARE TO THE FACE OF CURB, EDGE OF PAVEMENT, OUTSIDE EDGE OF BUILDING, OR PROPERTY LINE UNLESS OTHERWISE NOTED.
7. PRIOR TO ANY SITE WORK CONSTRUCTION, VERIFY THE BUILDING DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. COORDINATES PROVIDED ON "BUILDING CORNERS CHART" ARE FOR BUILDING PAD BUILD UP AND NOT INTENDED TO BE USED AS THE FOUNDATION STAKEOUT POINTS.
8. PRIOR TO SITE PAVING, COORDINATE THE PLACEMENT OF CONCRETE ELECTRICAL PADS, HVAC PADS, DUCTS, IRRIGATION CHASES, AND AREA LIGHTING WITH ARCHITECTURAL DRAWINGS AND THE OWNER.
9. ON SITE PAVEMENT MARKINGS SHALL BE CLASS I, TYPE "A" (REFLECTIVE PAINT) IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. PAVEMENT MARKINGS ON U.S. HWY 231 RIGHT OF WAY SHALL BE CLASS 2, TYPE "A" (REFLECTIVE THERMOPLASTIC) IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. DIRECTIONAL ARROWS SHALL COMPLY WITH ALDOT SPECIAL DRAWING TCM-703.
10. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE INVERTS OF ALL EXISTING SANITARY SEWER AND STORM SEWER STRUCTURES.
10. REFERENCE THE REPORT OF GEOTECHNICAL SUBSURFACE INVESTIGATION No. G22-6412 DATED FEBRUARY 26, 2022, BY CARMICHAEL ENGINEERING REGARDING UNDERCUTTING OF WEAK SURFACE SOILS IN THE PLANNED BUILDING AREAS. THE CONTRACTOR SHALL ADHERE TO THE GEOTECHNICAL REPORT FOR SOIL PREPARATION IN ALL BUILDING AND PAVEMENT AREAS.

BUILDING CORNER COORDINATE CHART

POINT	NORTHING	EASTING
A	245235.9557	846266.1097
B	245229.6838	846358.1426
C	245159.5992	846353.3664
D	245165.8711	846261.3336

GRID NORTH BASED ON THE ALABAMA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

30 0 30 60 90
SCALE: 1"=30'

PROJECT No. 40-2107
DATE: APRIL, 2022
SCALE: 1" = 30'
DRAWN BY: M. AMAN
APPROVED BY: P. SANTORA
REVISIONS:

SITE CONSTRUCTION PLANS FOR ASHFORD FIRE STATION CITY OF ASHFORD HOUSTON COUNTY, ALABAMA

LAYOUT PLAN

NORTHSTAR ENGINEERING SERVICES
(P)334.673.9895 (F)334.673.1846
2431 Hartford Hwy Dothan, AL. 36305
web: www.northstarengineering.com

AL CERT. OF AUTH. CA-1896E, CA-0621LS
FL CERT. OF AUTH. 26312-E, 7858-S
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MS CERT. OF AUTH. E-00001825

TBM #1

A EXISTING IRON PIN (EIP)(POLY CA0018LS)
LOCATED AT THE NORTHWEST CORNER OF
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ELEV = 221.50

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AN EXISTING IRON PIN (EIP)(POLY HAD 8842)
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NOTE:

1. THE BASE BID SHALL INCLUDE ALL SITE WORK AND CONCRETE PAVING AS SHOWN ON THE PLANS.
2. BIDDERS SHALL PROVIDE A DEDUCTIVE ALTERNATE FOR THE BUILDING PAD, COMPACTED BASE COURSE AND SUBGRADE.
3. BIDDERS SHALL PROVIDE A DEDUCTIVE ALTERNATE FOR THE 8" CONCRETE PAVEMENT AND COMPACTED BASE COURSE PER DETAIL.
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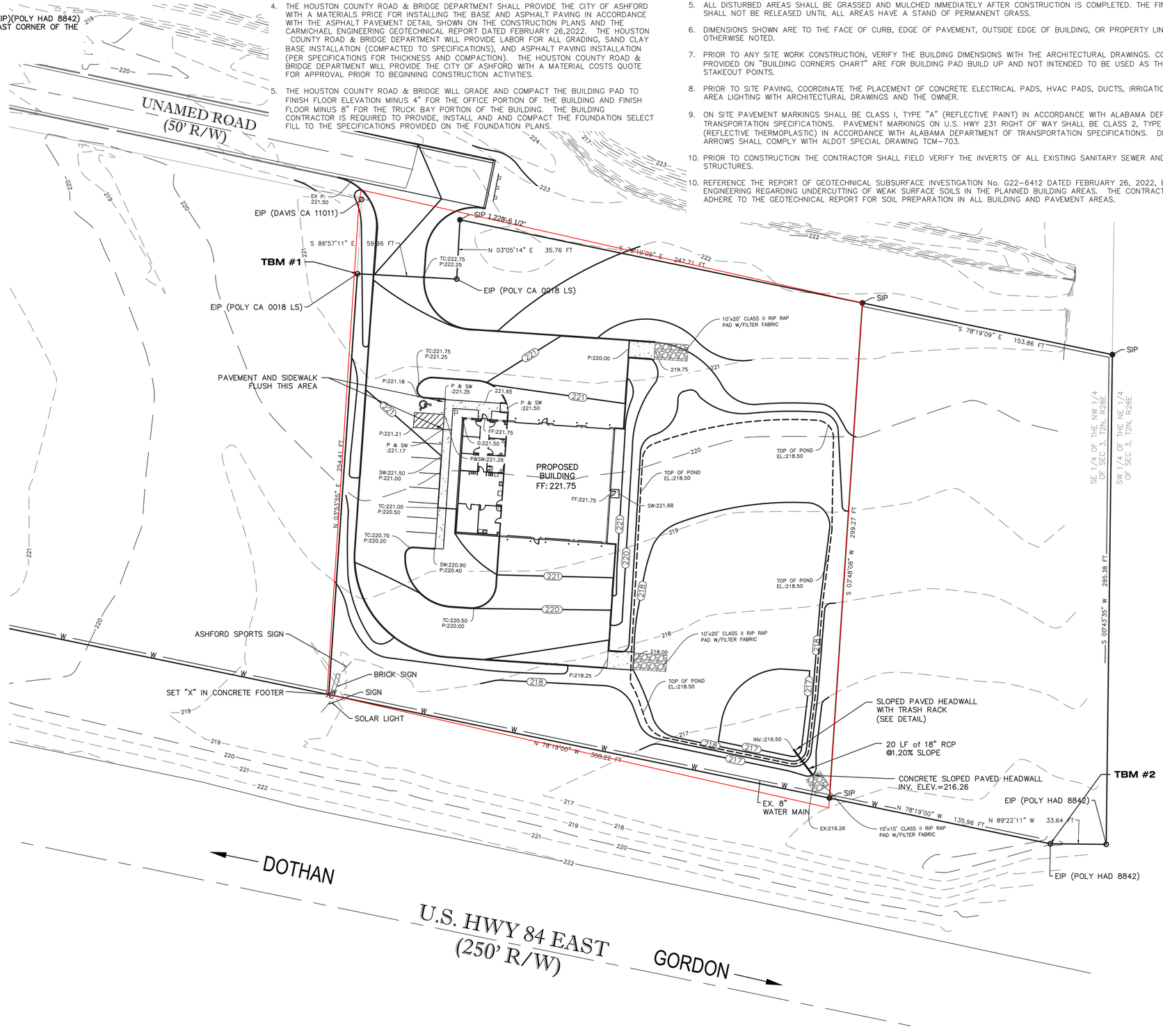
1. NO WORK SHALL BE DONE ON THE ALDOT RIGHT OF WAY WITHOUT AN APPROVED PERMIT AND DRAWINGS.
2. CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES AND STORM DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS SOON AS CLEARING AND GRUBBING OPERATIONS ARE BEGUN. SEE EROSION CONTROL PLAN. EROSION CONTROL MEASURES SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
4. CONTRACTOR SHALL ADHERE TO CLEARING AND GRUBBING LIMITS UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
5. ALL DISTURBED AREAS SHALL BE GRASSED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED. THE FINAL PAYMENT SHALL NOT BE RELEASED UNTIL ALL AREAS HAVE A STAND OF PERMANENT GRASS.
6. DIMENSIONS SHOWN ARE TO THE FACE OF CURB, EDGE OF PAVEMENT, OUTSIDE EDGE OF BUILDING, OR PROPERTY LINE UNLESS OTHERWISE NOTED.
7. PRIOR TO ANY SITE WORK CONSTRUCTION, VERIFY THE BUILDING DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS. COORDINATES PROVIDED ON "BUILDING CORNERS CHART" ARE FOR BUILDING PAD BUILD UP AND NOT INTENDED TO BE USED AS THE FOUNDATION STAKEOUT POINTS.
8. PRIOR TO SITE PAVING, COORDINATE THE PLACEMENT OF CONCRETE ELECTRICAL PADS, HVAC PADS, DUCTS, IRRIGATION CHASES, AND AREA LIGHTING WITH ARCHITECTURAL DRAWINGS AND THE OWNER.
9. ON SITE PAVEMENT MARKINGS SHALL BE CLASS I, TYPE "A" (REFLECTIVE PAINT) IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. PAVEMENT MARKINGS ON U.S. HWY 231 RIGHT OF WAY SHALL BE CLASS 2, TYPE "A" (REFLECTIVE THERMOPLASTIC) IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. DIRECTIONAL ARROWS SHALL COMPLY WITH ALDOT SPECIAL DRAWING TCM-703.
10. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE INVERTS OF ALL EXISTING SANITARY SEWER AND STORM SEWER STRUCTURES.
10. REFERENCE THE REPORT OF GEOTECHNICAL SUBSURFACE INVESTIGATION No. G22-6412 DATED FEBRUARY 26, 2022, BY CARMICHAEL ENGINEERING REGARDING UNDERCUTTING OF WEAK SURFACE SOILS IN THE PLANNED BUILDING AREAS. THE CONTRACTOR SHALL ADHERE TO THE GEOTECHNICAL REPORT FOR SOIL PREPARATION IN ALL BUILDING AND PAVEMENT AREAS.



LEGEND

- FIRE HYDRANT
- PP POWER POLE
- LP LIGHT POLE
- WV WATER VALVE
- WM WATER METER
- GM GAS METER
- GV GAS VALVE
- SANITARY MANHOLE
- TELEPHONE BOX
- SIGN
- ECM EXISTING CONCRETE MONUMENT
- EIP EXISTING IRON PIN
- MAILBOX
- GW GUYWIRE
- CONTROL POINT
- TELEPHONE RISER
- CABLE RISER
- R/W RIGHT OF WAY
- RCP REINFORCED CONCRETE PIPE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- SCM CONCRETE MONUMENT TO BE SET
- SIP IRON PIN TO BE SET
- PROPOSED WATER METER
- UT UNDERGROUND TELEPHONE
- OE OVERHEAD ELECTRIC
- SS EXIST. SANITARY SEWER LINE
- W EXIST. WATER MAIN
- EXIST. STORM DRAIN LINE
- GAS EXIST. GAS MAIN
- EXISTING TREE LINE
- X EXISTING FENCE
- 325 EXISTING CONTOUR
- 325 PROPOSED CONTOURS
- PRO SS PROPOSED SANITARY SEWER LINE
- PRO W PROPOSED WATER LINE
- MBL MINIMUM BUILDING LINE
- PROPERTY LINE

PROPOSED CONCRETE SIDEWALK (SEE DETAIL)

PROPOSED CONCRETE PAVING (SEE DETAIL)

PROPOSED ASPHALT PAVING (SEE DETAIL)

P:220.00 PROPOSED SPOT ELEVATION
P=PAVEMENT
SW=SIDEWALK
TC=TOP OF CURB

GRID NORTH BASED ON THE ALABAMA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

30 0 30 60 90

SCALE: 1"=30'

PROJECT No. 40-2107

DATE: APRIL, 2022

SCALE: 1" = 30'

DRAWN BY: M. AMAN

APPROVED BY: P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR ASHFORD FIRE STATION CITY OF ASHFORD HOUSTON COUNTY, ALABAMA

GRADING PLAN

NORTHSTAR ENGINEERING SERVICES
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web: www.northstarengineering.com

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FL CERT. OF AUTH. 26312-E, 7858-S
GA CERT. OF AUTH. 003129
MS CERT. OF AUTH. E-00001825

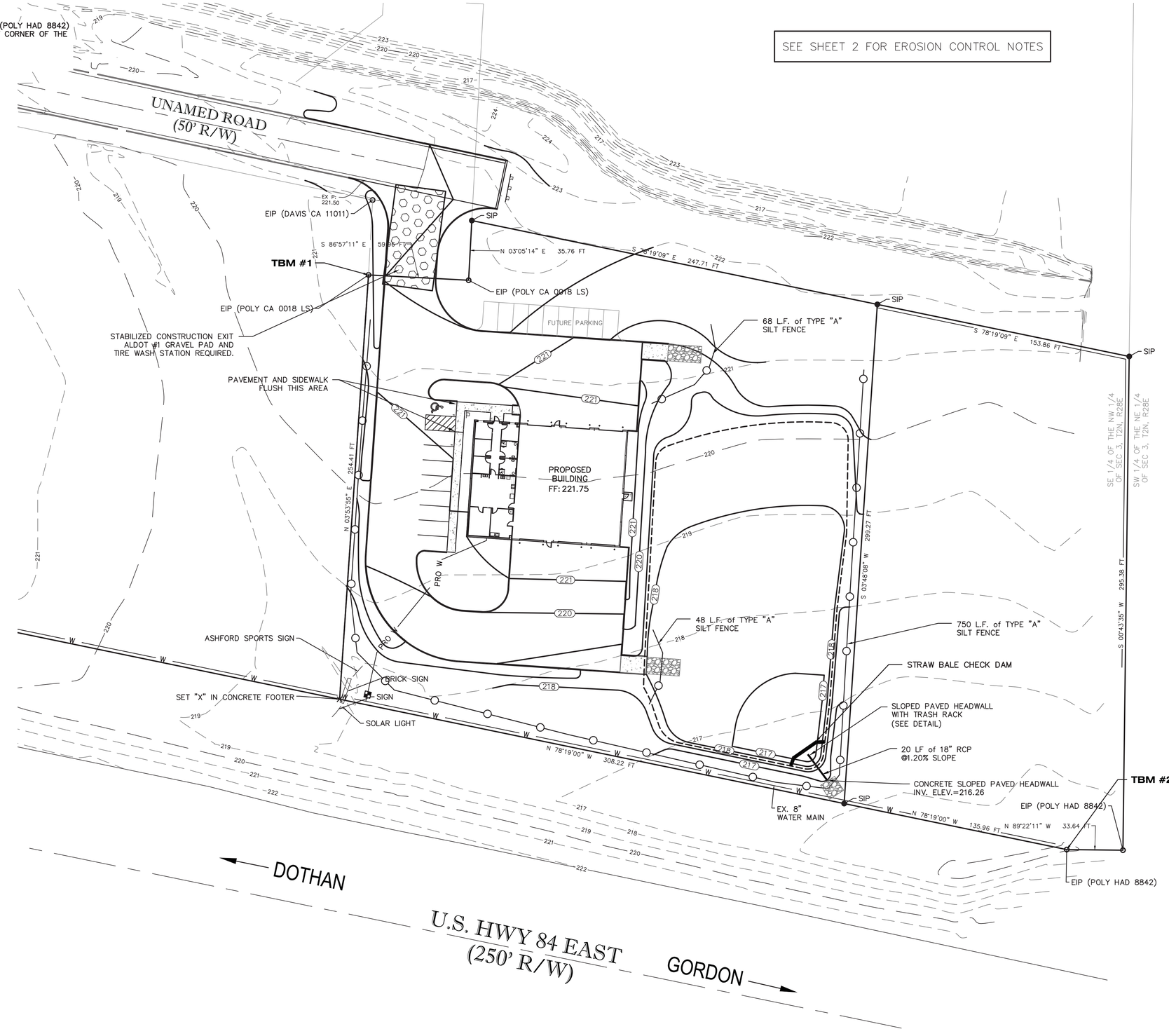
SHEET 5
OF 9

TBM #1

A EXISTING IRON PIN (EIP)(POLY CA0018LS)
LOCATED AT THE NORTHWEST CORNER OF
THE PROPERTY
N = 245322.5660
E = 846202.8520
ELEV = 221.50

TBM #2

AN EXISTING IRON PIN (EIP)(POLY HAD 8842)
LOCATED AT THE SOUTEAST CORNER OF THE
PROPERTY (AS SHOWN)
N = 244978.8010
E = 846620.5250
ELEV = 214.91



LEGEND

- FIRE HYDRANT
- PP POWER POLE
- LP LIGHT POLE
- WV WATER VALVE
- WM WATER METER
- GM GAS METER
- GV GAS VALVE
- SANITARY MANHOLE
- TELEPHONE BOX
- SIGN
- ECM EXISTING CONCRETE MONUMENT
- EIP EXISTING IRON PIN
- MAILBOX
- GW GUYWIRE
- CONTROL POINT
- TELEPHONE RISER
- CABLE RISER
- R/W RIGHT OF WAY
- RCP REINFORCED CONCRETE PIPE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- SCM CONCRETE MONUMENT TO BE SET
- SIP IRON PIN TO BE SET
- W PROPOSED WATER METER
- UT UNDERGROUND TELEPHONE
- OE OVERHEAD ELECTRIC
- SS EXIST. SANITARY SEWER LINE
- W EXIST. WATER MAIN
- EXIST. STORM DRAIN LINE
- GAS EXIST. GAS MAIN
- EXISTING TREE LINE
- X EXISTING FENCE
- 325 EXISTING CONTOUR
- 325 PROPOSED CONTOURS
- PRO SS PROPOSED SANITARY SEWER LINE
- PRO W PROPOSED WATER LINE
- MBL MINIMUM BUILDING LINE
- PROPERTY LINE
- PROPOSED CONCRETE SIDEWALK (SEE DETAIL)
- PROPOSED CONCRETE PAVING (SEE DETAIL)
- PROPOSED ASPHALT PAVING (SEE DETAIL)
- PROPOSED TYPE "A" SILT FENCE
- STABILIZED CONSTRUCTION EXIT WITH TIRE WASH STATION
- STRAW BALE CHECK DAMS

GRID NORTH BASED ON THE ALABAMA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

30 0 30 60 90
SCALE: 1"=30'

PROJECT No.
40-2107

DATE: APRIL, 2022

SCALE: 1" = 30'

DRAWN BY:
M. AMAN

APPROVED BY:
P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR ASHFORD FIRE STATION CITY OF ASHFORD HOUSTON COUNTY, ALABAMA EROSION CONTROL PLAN

NORTHSTAR ENGINEERING SERVICES
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TBM #1

A EXISTING IRON PIN (EIP)(POLY CA0018LS)
LOCATED AT THE NORTHWEST CORNER OF
THE PROPERTY
N = 245322.5660
E = 846202.8520
ELEV = 221.50

TBM #2

AN EXISTING IRON PIN (EIP)(POLY HAD 8842)
LOCATED AT THE SOUTEAST CORNER OF THE
PROPERTY (AS SHOWN)
N = 244978.8010
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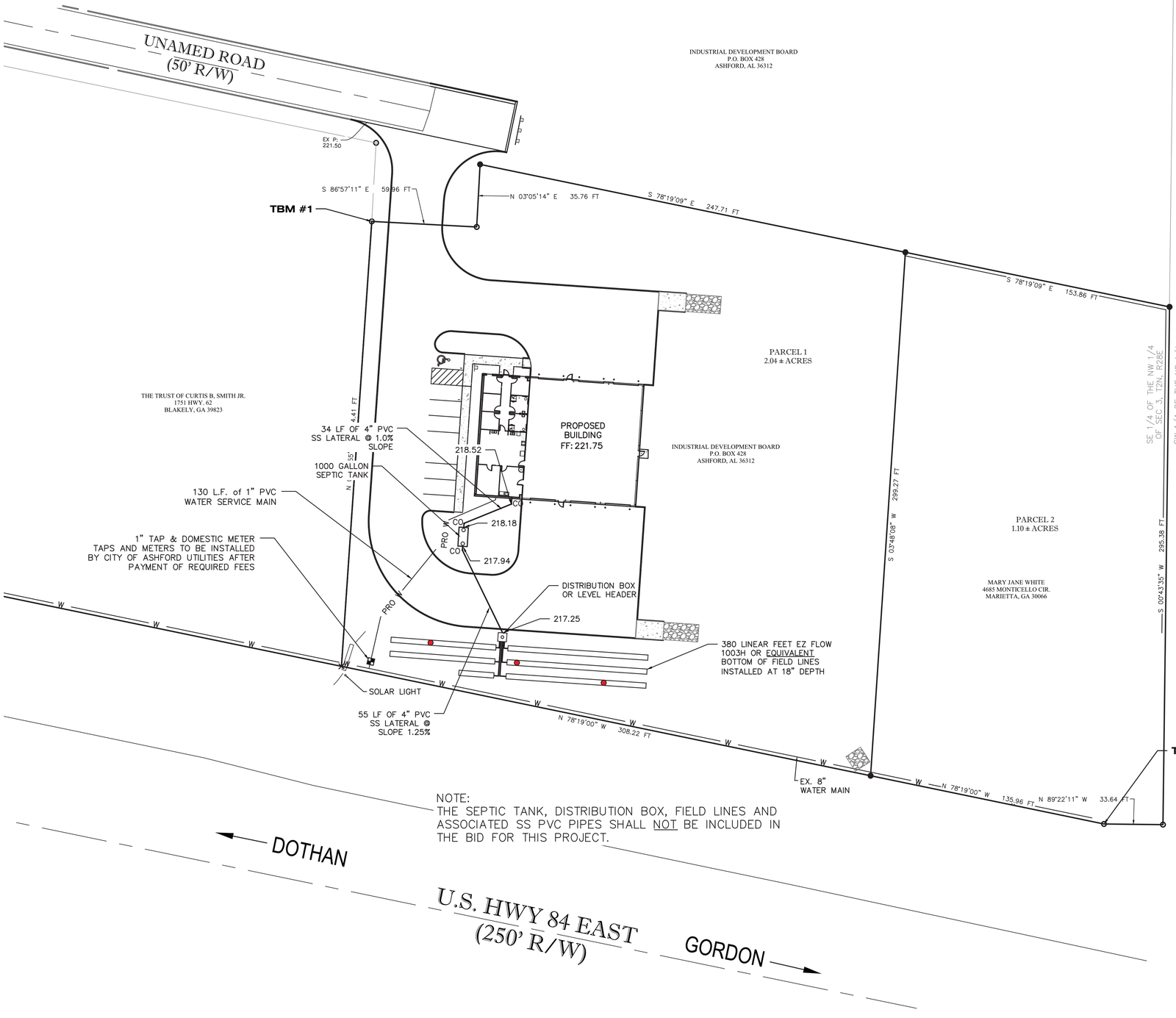
ELEV = 214.91



NOTE:
THE SEPTIC TANK, DISTRIBUTION BOX, FIELD LINES AND ASSOCIATED SS PVC PIPES SHALL NOT BE INCLUDED IN THE BID FOR THIS PROJECT.

LEGEND

	FIRE HYDRANT
PP	POWER POLE
LP	LIGHT POLE
WV	WATER VALVE
WM	WATER METER
GM	GAS METER
GV	GAS VALVE
S	SANITARY MANHOLE
T	TELEPHONE BOX
	SIGN
ECM	EXISTING CONCRETE MONUMENT
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	CONTROL POINT
T	TELEPHONE RISER
C	CABLE RISER
R/W	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
	PROPOSED FIRE HYDRANT
	PROPOSED GATE VALVE
SCM	CONCRETE MONUMENT TO BE SET
SIP	IRON PIN TO BE SET
W	PROPOSED WATER METER
UT	UNDERGROUND TELEPHONE
OE	OVERHEAD ELECTRIC
SS	EXIST. SANITARY SEWER LINE
W	EXIST. WATER MAIN
	EXIST. STORM DRAIN LINE
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PRO SS	PROPOSED SANITARY SEWER LINE
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MBL	MINIMUM BUILDING LINE
	PROPERTY LINE
	PROPOSED CONCRETE SIDEWALK (SEE DETAIL)
	PROPOSED CONCRETE PAVING (SEE DETAIL)
	PROPOSED ASPHALT PAVING (SEE DETAIL)

GRID NORTH BASED ON THE ALABAMA STATE PLANE COORDINATE SYSTEM, EAST ZONE.

30 0 30 60 90
SCALE: 1"=30'

PROJECT No.
40-2107

DATE: APRIL, 2022

SCALE: N.T.S.

DRAWN BY:
M. AMAN

APPROVED BY:
P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR ASHFORD FIRE STATION CITY OF ASHFORD HOUSTON COUNTY, ALABAMA

UTILITIES PLAN

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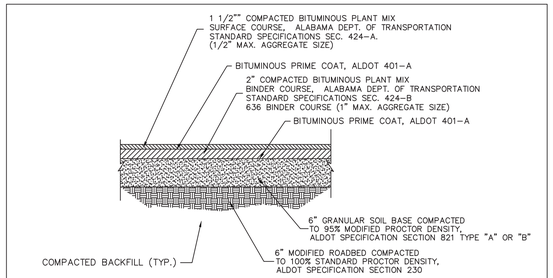
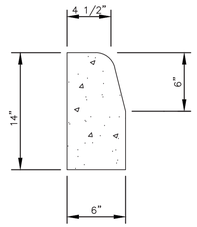
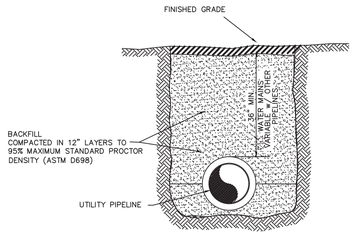
SHEET 7
OF 9



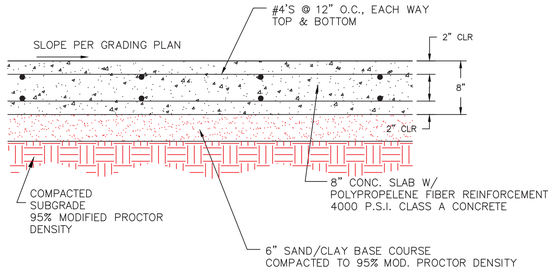
ON-SITE ASPHALT PAVEMENT SECTION
NOT TO SCALE



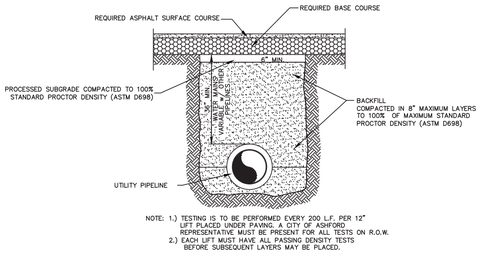
6" STANDARD CURB
NO SCALE



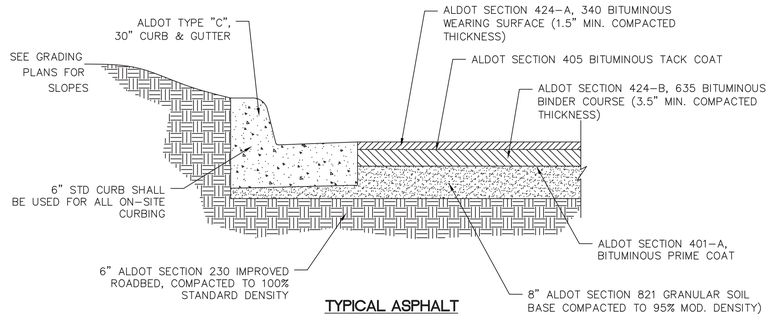
UNPAVED AREAS PIPELINE INSTALLATION
NO SCALE



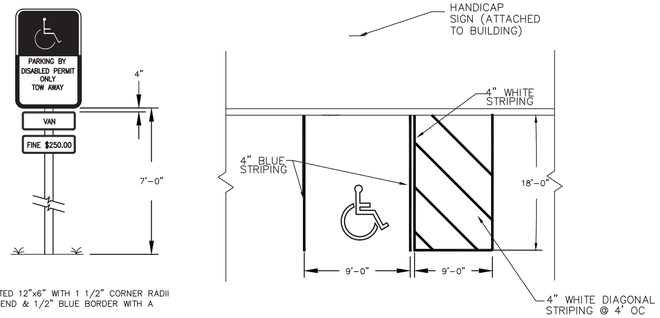
TYPICAL CONCRETE PAVEMENT
NOT TO SCALE



PAVED AREAS TRENCH BACKFILL
NO SCALE



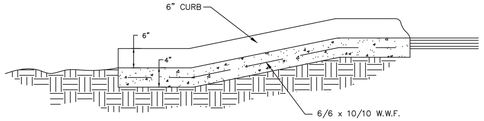
TYPICAL ASPHALT PAVEMENT SECTION
NO SCALE



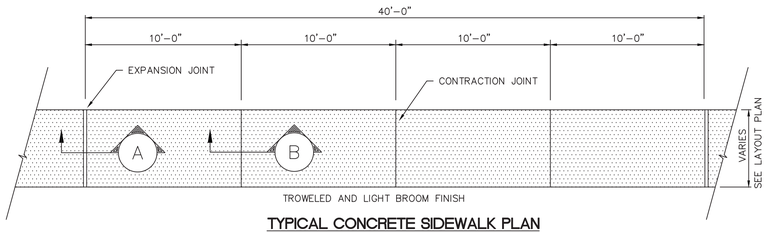
NOTE:
SIGN TO BE SUBLIMATED 12"x6" WITH 1 1/2" CORNER RADII SERIES "C" BLUE LEGEND & 1/2" BLUE BORDER WITH A WHITE BACKGROUND.

VAN ACCESSIBLE SIGN MUST BE INCLUDED ON POLE IN FRONT OF VAN ACCESSSIBLE SPACE.

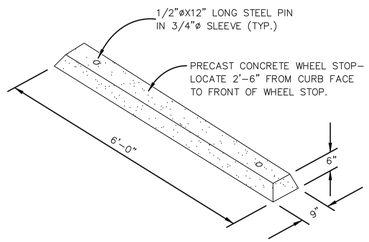
HANDICAP SIGN + STRIPING DETAIL
NOT TO SCALE



SECTION



TYPICAL CONCRETE SIDEWALK PLAN
NO SCALE



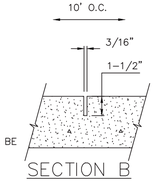
SECTION A WALK EXPANSION JOINT
NO SCALE

SIDEWALK NOTES:

CONSTRUCT CONTRACTION JOINTS EVERY 10 FT. O.C.

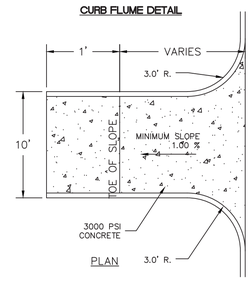
CONSTRUCT EXPANSION JOINTS (1/2") EVERY 40 FT. O.C.

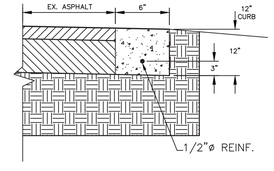
6x6xW1.4/W1.4 WELDED WIRE FABRIC OR FIBERMESH REINFORCEMENT SHALL BE PLACED IN ALL SIDEWALKS. 3000 P.S.I. CLASS A CONCRETE.



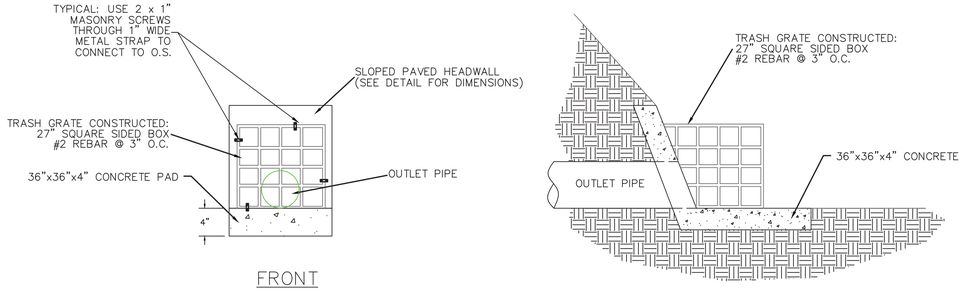
SECTION B (SAWED)
NO SCALE

CONCRETE WHEEL STOP
NOT TO SCALE





CONCRETE HEADER CURB
NOT TO SCALE



FRONT

SLOPED PAVED HEADWALL WITH TRASH GRATE DETAIL
N.T.S.

PROJECT No. 40-2107
DATE: APRIL, 2022
SCALE: N.T.S.

DRAWN BY: M. AMAN
APPROVED BY: P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR ASHFORD FIRE STATION CITY OF ASHFORD HOUSTON COUNTY, ALABAMA MISC. CONSTRUCTION DETAILS

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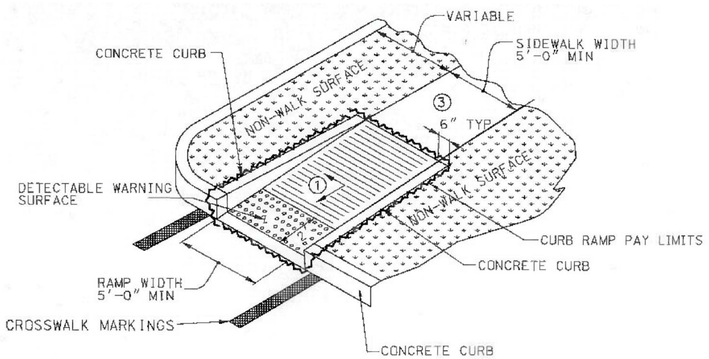
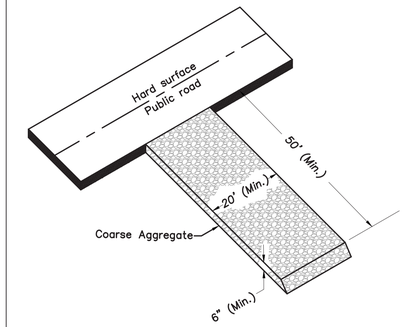
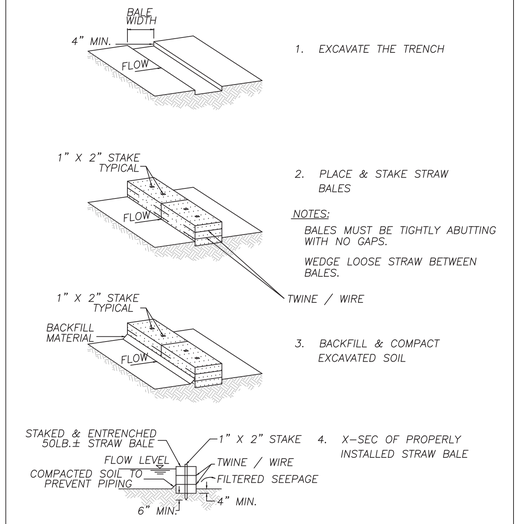
SHEET 8
OF 9



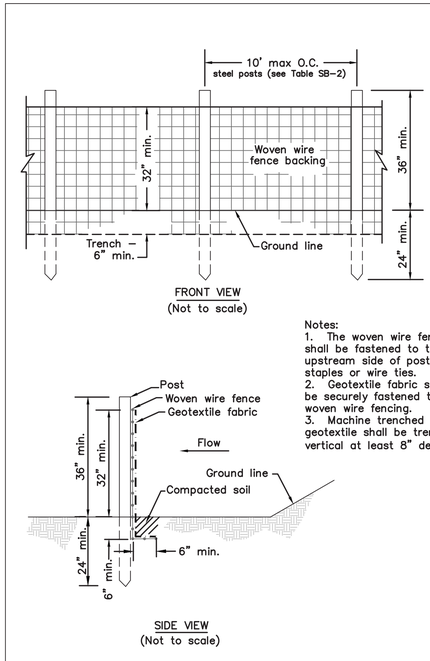
TYPE 1: PARALLEL CORNER



CONSTRUCTION ENTRANCE



INSTALLATION OF STRAW BALES



TYPE 'A' SILT FENCE

PROJECT No. 40-2107

DATE: APRIL, 2022

SCALE: N.T.S.

DRAWN BY: M. AMAN

APPROVED BY: P. SANTORA

REVISIONS:

SITE CONSTRUCTION PLANS FOR
ASHFORD FIRE STATION
CITY OF ASHFORD
HOUSTON COUNTY, ALABAMA
MISC. CONSTRUCTION DETAILS

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GENERAL STRUCTURAL NOTES

GENERAL

1. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, CONTRACTOR, ENGINEER OR SUPPLIER OR ANY OF THEIR CONSULTANTS, AGENTS OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS, NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OF RECORD OR ANY OF THE STRUCTURAL ENGINEER OF RECORD'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.

2. THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT/STRUCTURAL ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY DISCREPANCY.

3. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE.

4. THE CONTRACTOR SHALL COORDINATE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL WORKS WITH THE STRUCTURAL CONTRACT DOCUMENTS. ARCHITECT/STRUCTURAL ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY DISCREPANCIES OR OMISSIONS.

5. THE CONTRACTOR SHALL VERIFY THE FLOOR AND ROOF MOUNTED MECHANICAL EQUIPMENTS WEIGHTS, FLOOR AND/OR ROOF OPENING SIZES AND LOCATIONS WITH ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS.

6. THE CONTRACTOR SHALL NOTIFY IN WRITING THE STRUCTURAL ENGINEER OF RECORD OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS.

7. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS SEE THE ARCHITECTURAL.

8. STRUCTURAL CONTRACT DRAWINGS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR.

9. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE EDITION OF THE REFERENCED CODE INDICATED IN THE BUILDING CODE NOTED ABOVE.

10. ANY CONTRACTOR INTENDING TO SUPPORT EQUIPMENT, PIPING, DUCT WORK, CRANES OR OTHER ITEMS WHICH SUBJECT THE ROOF OR FLOOR SYSTEMS TO CONCENTRATED LOADINGS NOT SPECIFICALLY INDICATED ON THESE STRUCTURAL DRAWINGS, MUST SUBMIT SHOP DRAWINGS, WEIGHTS, AND PROPOSED SUPPORT LOCATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO ERECTION. ANY CONTRACTOR WHO ERECTS EQUIPMENT WITHOUT OBTAINING SUCH APPROVAL WILL BE REQUIRED EITHER TO REMOVE IT AND SUBMIT SHOP DRAWINGS OR STAND THE COST OF REQUIRED REINFORCEMENT OF MEMBERS.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT. THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDER OF PUBLIC AUTHORITIES (ESPECIALLY OSHA) BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS. THE CONTRACTOR SHALL NOT LOAD OR PERMIT ANY PART OF THE CONSTRUCTION SITE TO BE LOADED SO AS TO ENDANGER ITS SAFETY.

12. IN NO CASE SHALL STRUCTURAL ALTERATIONS OR WORK AFFECTING A STRUCTURAL MEMBER BE MADE, UNLESS APPROVED BY JOHNSON AND ASSOCIATES ENGINEERING IN WRITING.

13. THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE APPLICABLE BUILDING CODE.

14. THE CONTRACT DOCUMENT DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE SPECIFICATIONS AND/OR CODE OF PRACTICE FOR AISC, ACI, SJI, OR OTHER STANDARDS.

15. JOHNSON & ASSOCIATES ENGINEERING (JAE) HAS A LIMITED SCOPE OF SERVICES FOR THIS PROJECT. JAE IS THE ENGINEER OF RECORD FOR THE DESIGN OF THE FOUNDATION SYSTEM AND THE WOOD FRAMED MEZZANINE FOR THIS PROJECT. THE DESIGN OF THE PRE-ENGINEERED METAL BUILDING (PEMB) SYSTEM, INCLUDING PRIMARY AND SECONDARY FRAMING, THE DESIGN OF CONNECTIONS AND ALL DETAILING IS THE SOLE RESPONSIBILITY OF THE PEMB VENDOR AND HIS ALABAMA LICENSED PROFESSIONAL ENGINEER (PEMB DELEGATED ENGINEER).

PRE-ENGINEERED METAL BUILDING DESIGN CRITERIA

1. ALL COLUMNS SHALL BE ANALYZED AND DESIGNED AS HAVING PINNED BASES. NO MOMENT SHALL BE TRANSFERRED TO THE FOUNDATIONS.

2. DESIGN LOADS SHALL BE AS SPECIFIED IN THE DESIGN LOADS SECTION.

3. ROOF PURLINS MUST BE CAPABLE OF RESISTING NET WIND PRESSURES (IN OR OUT) ASSUMING INTERIOR FLANGE UNBRACED EXCEPT WHERE FLANGE BRACING IS PROVIDED.

4. THE METAL BUILDING SYSTEM MANUFACTURER WILL BE RESPONSIBLE FOR COMPLETE DESIGN OF THE BUILDING STRUCTURAL FRAME (INCLUDING LATERAL LOADS) DOWN TO THE FOUNDATION. COMPLETE DESIGN REACTIONS SHALL BE FURNISHED TO THE FOUNDATION DESIGN ENGINEER.

5. ALL METAL BUILDING SYSTEM SHOP DRAWINGS AND ERECTION DRAWINGS SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S ENGINEER DULY LICENSED IN THE PROJECT STATE.

6. METAL BUILDING CALCULATIONS COVER SHEET SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S ENGINEER IN RESPONSIBLE CHARGE OF THEIR DEVELOPMENT, LICENSED IN THE PROJECT STATE.

7. DEFLECTION LIMITS FOR ROOF MEMBERS SHALL BE AS FOLLOWS:

   MANUFACTURER'S STANDARD DEFLECTION LIMITS, UNO

8. EXCEPT AS OTHERWISE APPROVED BY ARCHITECT, STRUCTURAL CLEARANCES SHALL BE MAINTAINED AS CURRENTLY INDICATED IN THE CONTRACT DOCUMENTS.

9. STANDING SEAM DECKING SHALL NOT BE CONSIDERED AS PROVIDING DIAPHRAGM RESISTANCE FOR LATERAL LOADS.

10. RIGID FRAME COLUMNS SHALL HAVE A MINIMUM BASE PLATE THICKNESS OF AT LEAST 1/2 INCH.

11. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS (REQUESTED FOR THE CONVENIENCE OF THE PRE-ENGINEERED BUILDING SYSTEM MANUFACTURER) ARE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER OF RECORD. ALL DEVIATIONS SHALL BE EXPRESSLY LISTED AND DEFINED IN THE SHOP DRAWING SUBMITTAL. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR DISCOVERY OF DEVIATIONS NOT LISTED, AND APPROVAL OF UNLISTED DEVIATIONS SHALL NOT BE IMPLIED.

12. A QUALIFIED REPRESENTATIVE OF THE METAL BUILDING SYSTEM SUPPLIER'S CONSTRUCTION SERVICES DEPARTMENT SHALL MAKE AN ON-SITE REVIEW OF THE ERECTED BUILDING. REVIEWER SHALL NOTIFY THE GENERAL CONTRACTOR AND ARCHITECT OF ANY AND ALL NOTED DISCREPANCIES FROM THE ERECTION AND DESIGN DRAWINGS.

    CONTRACTOR/ERECTOR SHALL CORRECT ALL DISCREPANCIES TO THE SATISFACTION OF THE REVIEWER AND THE ARCHITECT.

PRE-ENGINEERED METAL BUILDING DESIGN CRITERIA (CONT.)

UPON COMPLETION OF SERVICES THE REVIEWER SHALL SIGN AND NOTARIZE THE FOLLOWING STATEMENT UNDER THE METAL BUILDING SYSTEM SUPPLIER'S LETTERHEAD:

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE ABOVE DESCRIBED STRUCTURE HAS BEEN ERECTED IN SUBSTANTIAL CONFORMANCE WITH THE SUPPLIER'S ERECTION DRAWINGS AND DETAILS.

13. CONCRETE PEDESTALS/FOOTINGS SHALL BE OF SUFFICIENT SIZE TO PROVIDE FULL CONTACT BEARING AREA FOR COLUMN BASE PLATES. IF PEMB'M. SELECTS BASE PLATES/COLUMNS LARGER THAN INDICATED PEDESTAL/FOOTING SIZES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL OF SAME FROM THE PROJECT ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. UPON RECEIPT OF SUCH APPROVAL CONTRACTOR SHALL FURNISH PEDESTALS/FOOTINGS OF SUFFICIENT SIZE TO ALLOW FULL CONTACT BEARING AREA FOR BASE PLATES AND TO MAINTAIN A MINIMUM OF 4" FROM THE CENTERLINE OF THE EXTREME ANCHOR BOLTS TO THE PEDESTAL EDGE. PEDESTALS OF SUFFICIENT SIZE SHALL BE FURNISHED WITHOUT ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PAY STRUCTURAL ENGINEER OF RECORD FOR SERVICES IN RE-SIZING PEDESTALS FOR CONTRACTOR'S CONVENIENCE. IF ARCHITECT/ENGINEER CANNOT APPROVE LARGER COLUMNS AND BASE PLATES, CONTRACTOR SHALL INSTRUCT PEMB. MANUFACTURER TO FURNISH COLUMNS AND BASE PLATES THAT WILL HAVE FULL BEARING ON THE PEDESTALS/FOOTINGS INDICATED ON THE CONTRACT DRAWINGS.

14. CENTER ALL FOOTINGS ON METAL BUILDING SYSTEM COLUMN BASE PLATE, U.N.O. NOTE, CENTERLINE OF METAL BUILDING COLUMN AND FOOTING MAY NOT ALIGN WITH CENTERLINE OF COLUMN PEDESTAL.

15. SEE ANCHOR BOLT LAYOUT PLAN, PROVIDED BY THE METAL BUILDING SYSTEM MANUFACTURER, FOR EXACT ANCHOR BOLT SIZE AND LOCATION. DESIGN OF REQUIRED ANCHOR BOLT DIAMETER IS THE RESPONSIBILITY OF THE METAL BUILDING SYSTEM DESIGNER. SEE ANCHOR BOLT DETAILS FOR REQUIRED ANCHOR BOLT LENGTH AND CONFIGURATION.

FOUNDATION

1. THE FOUNDATION IS DESIGNED AS RECOMMENDED BY CARMICHAEL ENGINEERING, INC. IN THE PROJECT GEOTECHNICAL REPORT DATED FEBRUARY 26, 2022. THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD CONTRARY TO THOSE ASSUMED FOR DESIGN.

2. FOR BUILDING SITE PREPARATION REQUIREMENTS SEE PROJECT GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS.

3. FOUNDATION SHALL CONSIST OF SPREAD FOOTINGS DESIGNED TO BEAR ON SOIL CAPABLE OF SUPPORTING 1500 PSF.

4. FOOTING SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR DENSITY (ASTM D-698) AS INDICATED IN THE PROJECT GEOTECHNICAL REPORT.

CONCRETE

1. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACI 318 AND CRSI STANDARDS.

2. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS, OR GROUNDS REQUIRED TO BE ENGAGED IN CONCRETE AND FOR LOCATION AND DETAILS OF FLOOR FINISHES AND SLAB DEPRESSIONS.

3. CONSTRUCTION JOINTS IN CONCRETE BEAMS AND FRAMED SLABS SHALL BE PLACED AT MIDSPAN. ALL CONSTRUCTION JOINTS MUST BE KEYED WITH REINFORCING RUN CONTINUOUS THROUGH JOINTS.

4. AT COLUMN FOOTINGS, COLUMN ANCHOR RODS WITH TEMPLATE SHALL BE INSTALLED IN PROPER LOCATION PRIOR TO POURING THE FOOTING.

5. CONCRETE SHALL HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTH UTILIZING TYPE I CEMENT:

   FOUNDATIONS AND SLABS ON GRADE 3000 PSI

REINFORCING STEEL

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615-GRADE 60.

2. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND HAVE A MINIMUM SIDE LAP OF 8 INCHES.

3. REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE STRUCTURAL CONTRACT DOCUMENTS.

4. ALL REINFORCING LAP SPLICES SHALL BE IN ACCORDANCE OF THE LATEST EDITION OF ACI 318, FOR REINFORCED MASONRY, AND ACI 530 FOR REINFORCED MASONRY.

5. ALL REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI MANUAL AND MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.

6. MINIMUM CONCRETE COVER FOR REINFORCING BARS SHALL BE IN CONFORMANCE WITH ACI 318, EXCEPT AS OTHERWISE NOTED.

7. REINFORCING IN ALL CONCRETE WALLS, FOOTINGS AND BOND BEAMS SHALL BE CONTINUOUS AT INTERSECTIONS AND CORNERS. WHERE WALL FOOTINGS STEP, REINFORCING SHALL BE CONTINUOUS IN STEP.

8. PROVIDE 2-#5 EXTRA DIAGONAL REINFORCING BARS AT CORNERS OF ALL OPENINGS IN FRAMED SLABS AND CONCRETE WALLS. EXTEND BARS 2'-0" BEYOND EACH EDGE OF OPENING.

9. AT POURED CONCRETE WALLS, PIERS AND COLUMNS, DOWELS FOR VERTICAL REINFORCING BARS SHALL BE INSTALLED IN THEIR PROPER LOCATION PRIOR TO CONCRETE POUR OF THE FOOTINGS.

STRUCTURAL SUBMITTALS

1. FURNISH ONE ELECTRONIC COPY OF ALL SHOP DRAWINGS AND SUBMITTALS.

2. SEE CONTRACT SPECIFICATIONS FOR ADDITIONAL SUBMITTAL REQUIREMENTS AND PROCEDURES.

3. REPRODUCTION OF CONTRACT DOCUMENTS FOR ERECTION AND/OR SHOP DRAWINGS WILL NOT BE PERMITTED.

4. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR MEANS, METHOD, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION. SEE SPECIFIC PROVISIONS IN THE CONTRACT DOCUMENTS DEALING WITH THE APPROPRIATE DESIGN RESPONSIBILITIES OF CONTRACTORS, SUBCONTRACTORS, AND SUPPLIERS.

5. IN THE EVENT THAT JOHNSON & ASSOCIATES ENGINEERING REVIEWS SUBMITTALS (AS A COURTESY TO THE CONTRACTOR TO REDUCE THE TIME PRIOR TO THE START OF FABRICATION) WHICH HAVE NOT FIRST BEEN REVIEWED AND APPROVED BY THE CONTRACTOR, SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM REVIEW AND APPROVE ALL SUCH SUBMITTALS, NOR WILL IT CREATE RESPONSIBILITY OR LIABILITY ON THE PART OF JOHNSON & ASSOCIATES ENGINEERING AS TO THE CONTENTS, ACCURACY OR COMPLETENESS OF SUCH SHOP DRAWINGS EXCEPT AS MAY BE SPECIFICALLY DESCRIBED IN THESE GENERAL NOTES. CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEW AND APPROVAL OF SHOP DRAWINGS AND OTHER SUBMITTALS, AND CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL REQUIREMENTS OF THE WORK OF THE CONTRACTOR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS

STRUCTURAL SUBMITTALS (CONT.)

6. THE SER REVIEW OF SUBMITTALS WILL BE MADE FOR LIMITED PURPOSES AND IS SUBJECT TO THE LIMITATIONS AND DISCLAIMERS SET FORTH IN THESE GENERAL NOTES. THE JOHNSON AND ASSOCIATES ENGINEERING REVIEW DOES NOT INVOLVE OR INCLUDE:

   A. REVIEW OF SUBMITTAL DIMENSIONS AND QUANTITIES.

   B. ACCEPTANCE OR ASSUMPTION OF ANY RESPONSIBILITY TO REVIEW, ANALYZE OR EVALUATE ANY SUBMITTALS INCLUDING SHOP DRAWINGS PROVIDED TO JOHNSON AND ASSOCIATES ENGINEERING OR ACCEPTANCE OR ASSUMPTION OF ANY PART OF CONTRACTOR'S RESPONSIBILITIES (WHICH INCLUDE THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND APPROVE SUBMITTAL) WHETHER OR NOT THE JOHNSON AND ASSOCIATES ENGINEERING REVIEW WAS MADE PRIOR TO THE REVIEW AND APPROVAL OF THE CONTRACTOR.

   C. ANALYSIS, VERIFICATION OR SUBSTANTIATION OF EQUIPMENT OR SYSTEM INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS.

   D. REVIEW, EVALUATION OR APPROVAL OF PROJECT SAFETY PRECAUTIONS OR SAFETY TRAINING.

   E. REVIEW, EVALUATION OR APPROVAL OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES.

   JOHNSON AND ASSOCIATES ENGINEERING REVIEW OF A SPECIFIC ITEM DOES NOT INCLUDE OR INDICATE OR CONSTITUTE REVIEW OF A GROUP OR AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

   THE CONTRACTOR MUST NOTIFY JOHNSON AND ASSOCIATES ENGINEERING, IN WRITING, RELATIVE TO ANY DEVIATION FROM THE CONTRACT DOCUMENTS, WHICH APPEARS IN THE SHOP DRAWINGS, SAMPLES, AND PRODUCT DATA. APPROVAL OF THE SUBMITTAL CONTAINING SUCH DEVIATION DOES NOT CONSTITUTE APPROVAL OF THE DEVIATION. APPROVAL OR REJECTION OF THE DEVIATION WILL ONLY BE PROVIDED BY JOHNSON AND ASSOCIATES ENGINEERING IN A SEPARATE WRITTEN COMMUNICATION TO THE CONTRACTOR. JOHNSON AND ASSOCIATES ENGINEERING IS NOT RESPONSIBLE FOR DISCOVERY OF DEVIATIONS NOT COMMUNICATED BY THE CONTRACTOR.

STRUCTURAL SUBMITTALS: METAL BUILDING SYSTEM, CONCRETE REINFORCING BARS, ANCHOR RODS AND CONCRETE MIX DESIGNS

1. THE FOLLOWING SUBMITTALS MUST BE MADE TO THE STRUCTURAL ENGINEER OF RECORD:

   A. ERECTION DRAWINGS, FABRICATION DRAWINGS, COMPONENT DETAILS, AND CONNECTION DETAILS.

   B. CALCULATIONS FOR ALL COMPONENTS SIZED BY THE FABRICATOR'S SPECIALTY DESIGN ENGINEER.

2. THE STRUCTURAL SUBMITTALS FOR THE METAL BUILDING SYSTEM SHALL BEAR THE IMPRESSED SEAL AND SIGNATURE OF THE SPECIALTY DESIGN ENGINEER LICENSED IN THE PROJECT STATE.

3. THE PROJECT STRUCTURAL ENGINEER OF RECORD WILL REVIEW THE SUBMITTALS FOR INDICATION THAT HIS INTENT HAS BEEN UNDERSTOOD AND THAT THE SPECIFIED CRITERIA HAVE BEEN USED.

DESIGN LOADS

1. ROOF LIVE LOAD = 20 PSF

2. MEZZANINE FLOOR LIVE LOAD = 100 PSF

3. WIND LOADING CRITERIA (PER ASCE 7-16)

BUILDING RISK CATEGORY		=	IV
BASIC WIND SPEED:	V(ULT)	=	129 MPH
EXPOSURE CATEGORY:		=	C
INTERNAL PRESSURE COEFF.:	GCpi	=	+/- 0.18

4. SEISMIC LOADING CRITERIA

Ss	=	0.082
S1	=	0.057
IMPORTANCE FACTOR	=	1.50
SITE CLASS	=	D (ASSUMED)
SPRECTRAL ACCELERATION PARAMETERS:		
Sds	=	0.067
Sd1	=	0.092
SEISMIC DESIGN CATEGORY	=	C
DESIGN BASE SHEAR:	=	KIPS
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE		

5. METAL BUILDING SUPPLEMENTAL DESIGN CRITERIA

DEAD LOAD:	=	WEIGHT OF STRUCTURE
COLLATERAL LOAD:	=	5 PSF
CONCENTRATED LOADS	=	(EQUIP., ETC)

PREENGINEERED SYSTEMS

1. THE DESIGN OF PREENGINEERED SYSTEMS SPECIFIED IN THE CONTRACT DOCUMENTS WHICH ARE DESIGNED/ENGINEERED BY OTHERS IS THE SOLE RESPONSIBILITY OF THE SUPPLIER AND ITS DESIGN ENGINEER, LICENSED IN THE PROJECT STATE. SUBMITTALS OF SUCH SYSTEMS TO THE STRUCTURAL ENGINEER OF RECORD SHALL BE REVIEWED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS WITH REGARD TO THE ARRANGEMENT, AND/OR SIZES OF MEMBERS SHOWN ON THE CONTRACT DOCUMENTS AND TO INSURE CORRECT INTERPRETATION OF THE DESIGN INFORMATION INCLUDED IN THE CONTRACT DOCUMENTS. SUCH REVIEW BY THE STRUCTURAL ENGINEER OF RECORD SHALL NOT IMPLY ANY RESPONSIBILITY FOR THE ACTUAL DESIGN OF SUCH SYSTEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIMENSIONAL ACCURACY AND CONFORMANCE WITH THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS.

2. SEE SPECIFIC SECTIONS OF GENERAL NOTES ABOVE AND SPECIFICATIONS FOR THE APPROPRIATE DESIGN RESPONSIBILITIES OF THE SUPPLIER AND ITS LICENSED ENGINEER.

3. THE CONTRACT DOCUMENT DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE SPECIFICATIONS AND/OR CODE OF PRACTICE FOR AISC, ACI, SJI OR OTHER STANDARDS.

ERECTION, BRACING AND FORMWORK

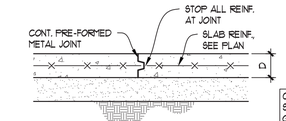
1. THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

2. ANCHOR BOLTS AND FOUNDATIONS HAVE NOT BEEN DESIGNED FOR ANY CONDITION OF LOADING OTHER THAN THAT OF THE COMPLETED STRUCTURE. VERIFICATION OF ADEQUACY OF ANCHOR BOLT AND FOUNDATIONS TO RESIST ERECTION INDUCED FORCES IS SOLELY THE RESPONSIBILITY OF THE STEEL ERECTOR AND CONTRACTOR.

3. UNLESS OTHERWISE NOTED STEEL FRAMEWORKS FOR THIS PROJECT ARE CLASSIFIED PER AISC CODE OF STANDARD PRACTICE AS A 'NON-SELF-SUPPORTING STEEL FRAME'. PROVIDE TEMPORARY SUPPORT SYSTEMS NECESSARY TO SECURE ANY ELEMENT OR ELEMENTS OF THE STEEL FRAMING UNTIL ALL PERMANENT STEEL BRACING, DECKING AND/OR MASONRY WALLS ARE IN-PLACE AND CONNECTED TO THE STEEL FRAMEWORKS.

JOB SITE SAFETY

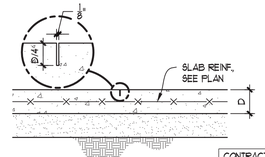
THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND FOR CONFORMANCE WITH THE HEALTH AND SAFETY PROVISIONS REQUIRED BY ANY REGULATORY AGENCIES. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR, OR THEIR EMPLOYEES WITH THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.



TYP. SLAB CONSTRUCTION JOINT DETAIL

DETAIL A S0.1 — SCALE: 1"=1'-0"

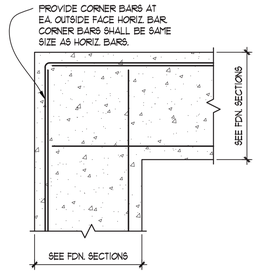
CONTRACTOR SHALL FIELD LOCATE AND INSTALL SLAB JOINTS. JOINTS SHALL BE INSTALLED IN GENERALLY ORTHOGONAL DIRECTIONS IN THE SPACES. SPACING OF JOINTS SHALL BE SUCH THAT THE AREA BOUNDED BY SLAB JOINTS SHALL NOT EXCEED 256 SQUARE FEET, AND THE DISTANCE BETWEEN TWO PARALLEL JOINTS SHALL NOT EXCEED 16 FEET. JOINTS SHALL BE EITHER SLAB CONSTRUCTION JOINTS OR SAW JOINTS, SEE DETAILS THIS SHEET (SHT. S0.1).



TYP. SLAB SAW JOINT DETAIL

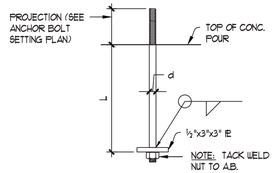
DETAIL B S0.1 — SCALE: 1"=1'-0"

CONTRACTOR NOTE: SAW JOINTS MUST BE SAWN WITHIN 1 HOUR OF CONCRETE INITIAL SET.



TYP. FOOTING CORNER DETAIL

DETAIL C S0.1 — SCALE: 3/4"=1'-0"

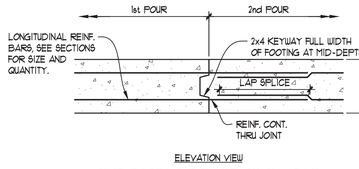


ANCHOR BOLT SCHEDULE	
d (IN)	L (IN)
3/4"	1'-0"

NOTE: USE NUT & WASHER ON EA. ANCHOR BOLT

TYP. ANCHOR BOLT DETAILS

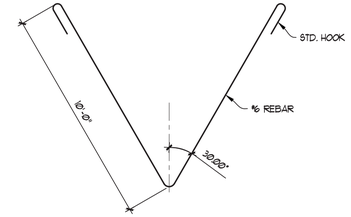
DETAIL D S0.1 — NOT TO SCALE



ELEVATION VIEW

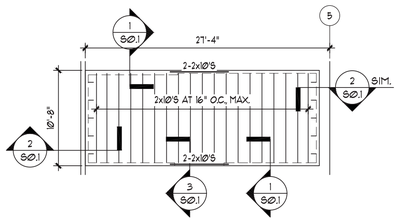
TYP. FOOTING CONSTRUCTION JOINT

DETAIL E S0.1 — SCALE: 3/4"=1'-0"



HAIRPIN ANCHOR DETAIL

DETAIL F S0.1 — NOT TO SCALE

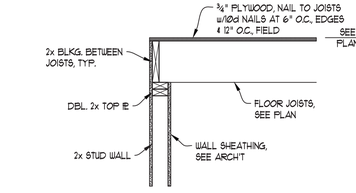


MEZZANINE FRAMING PLAN

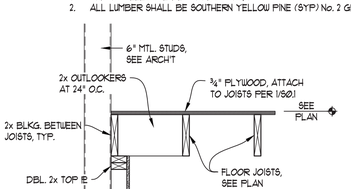
SCALE: 1/8"=1'-0"

NOTES:

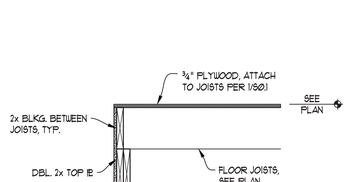
1. TOP OF MEZZANINE PLYWOOD +12'-0 3/4".
2. ALL LUMBER SHALL BE SOUTHERN YELLOW PINE (SYP) No. 2 GRADE OR BETTER.



SECTION 1 S0.1 — SCALE: 3/4"=1'-0"



SECTION 2 S0.1 — SCALE: 3/4"=1'-0"



SECTION 3 S0.1 — SCALE: 3/4"=1'-0"

architecture jml

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ALABAMA REGISTERED No. 21832 PROFESSIONAL ENGINEER BRADLEY B. JOHNSON

A NEW FIRE STATION FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	JANUARY 13, 2022	
MARK	DATE	DESCRIPTION

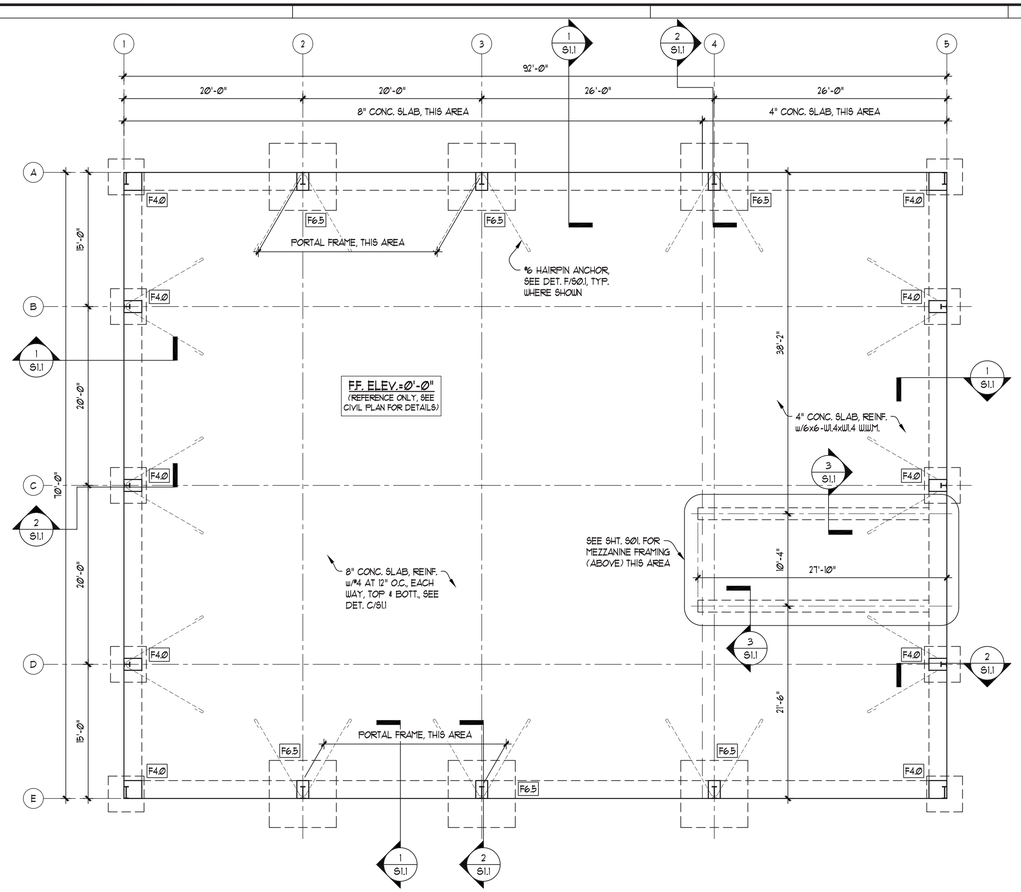
PROJECT NO:	21-20
DRAWN BY:	PAM GRANTHAM
CHECKED BY:	BRAD JOHNSON

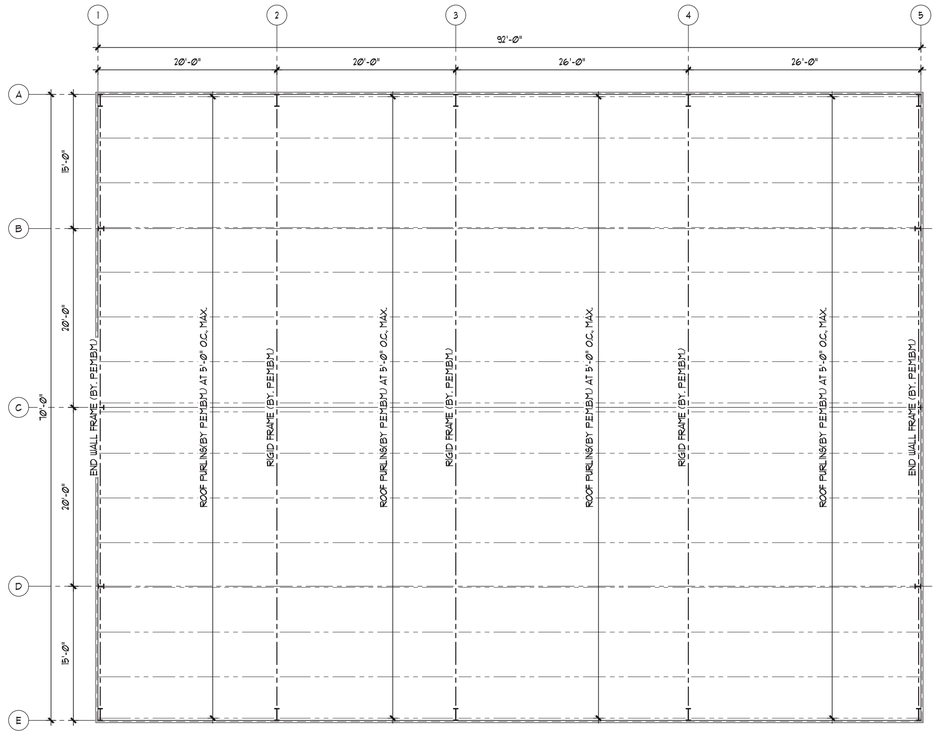
SHEET TITLE

FOUNDATION & SCHEMATIC ROOF FRAMING PLANS, & SECTIONS

S0.1

SHEET 1 OF 2





SCHEMATIC ROOF FRAMING PLAN

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

NOTES:

1. ROOF FRAMING PLAN SHOWN IS SCHEMATIC IN NATURE ONLY. MANUFACTURER/SUPPLIER IS SOLELY RESPONSIBLE FOR FINAL ROOF FRAMING LAYOUT AND DESIGN. CONTACT THE STRUCTURAL ENGINEER OF RECORD PRIOR TO CHANGING ANY ASPECT OF THE ROOF FRAMING DEPICTED ON THIS PLAN.
2. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES.
3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND DETAILS NOT SHOWN.

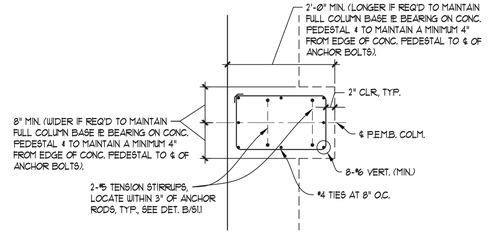
FOOTING SCHEDULE	
MARK No.	FOOTING SIZE & REINF.
F4Ø	4'-Ø" SQ. x 1'-4" DP., REINF. w/4-#5 EA. WAY, TOP & BOTT.
F6.5	6'-6" SQ. x 1'-9" DP., REINF. w/8-#5 EA. WAY, TOP & BOTT.

FOUNDATION PLAN

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

NOTES:

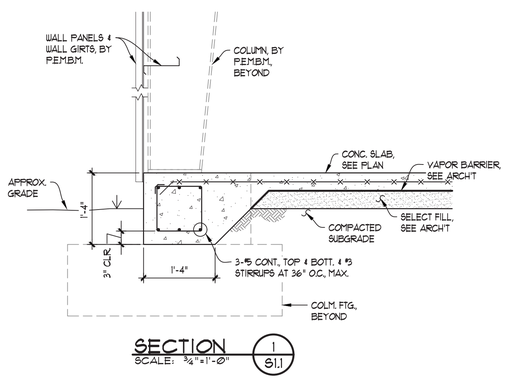
1. TOP OF ALL FOOTINGS -1'-4" BELOW FINISH FLOOR UNLESS NOTED OTHERWISE (U.N.O.).
2. C.J.= CONSTRUCTION JOINT, SEE DETAIL A/S0.2, S.J.= SAW JOINT, SEE DET. B/S0.2.
3. SEE SHEET S0.1 FOR GENERAL STRUCTURAL NOTES.
4. FOUNDATION PLAN PLANE IS SHOWN AT APPROXIMATELY TOP OF SLAB ELEVATION.
5. CENTER ALL FOOTINGS BENEATH CENTERLINE OF COLUMN BASE PLATE, U.N.O. NOTE, CENTERLINE OF METAL BUILDING COLUMN AND FOOTING MAY NOT ALIGN WITH THE CENTERLINE OF THE CONCRETE COLUMN PEDESTAL.
6. P.E.MB. COLUMN CONNECTIONS TO THE FOUNDATION SHALL BE DESIGNED AS PINNED CONNECTIONS, NO MOMENT SHALL BE TRANSFERRED TO THE FOUNDATION.
7. P.E.MB.M. SHALL LOCATE ANCHOR BOLTS NO CLOSER THAN 4" TO EDGE OF SLAB (MEASURED FROM CENTERLINE OF ANCHOR BOLTS TO EDGE OF SLAB).



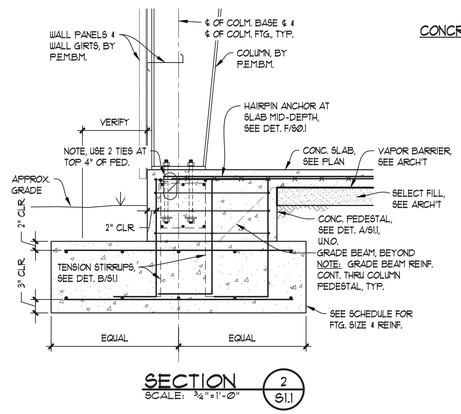
PLAN VIEW

CONCRETE COLUMN PEDESTAL REINFORCING DETAIL

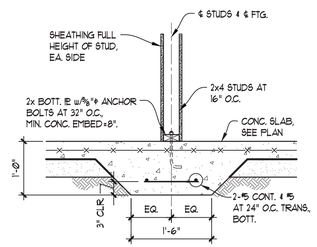
DETAIL A S1.1
SCALE: 3/4"=1'-Ø"



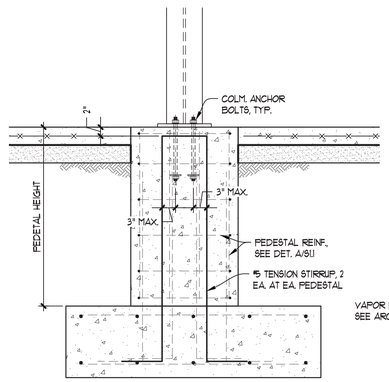
SECTION 1 S1.1
SCALE: 3/4"=1'-Ø"



SECTION 2 S1.1
SCALE: 3/4"=1'-Ø"



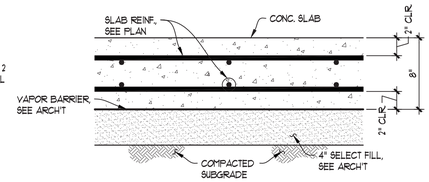
SECTION 3 S1.1
SCALE: 3/4"=1'-Ø"



SECTION VIEW

TENSION STIRRUP AT PEDESTAL

DETAIL B S1.1
SCALE: 3/4"=1'-Ø"



SECTION VIEW

8" SLAB DETAIL

DETAIL C S1.1
SCALE: 1½"=1'-Ø"

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A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

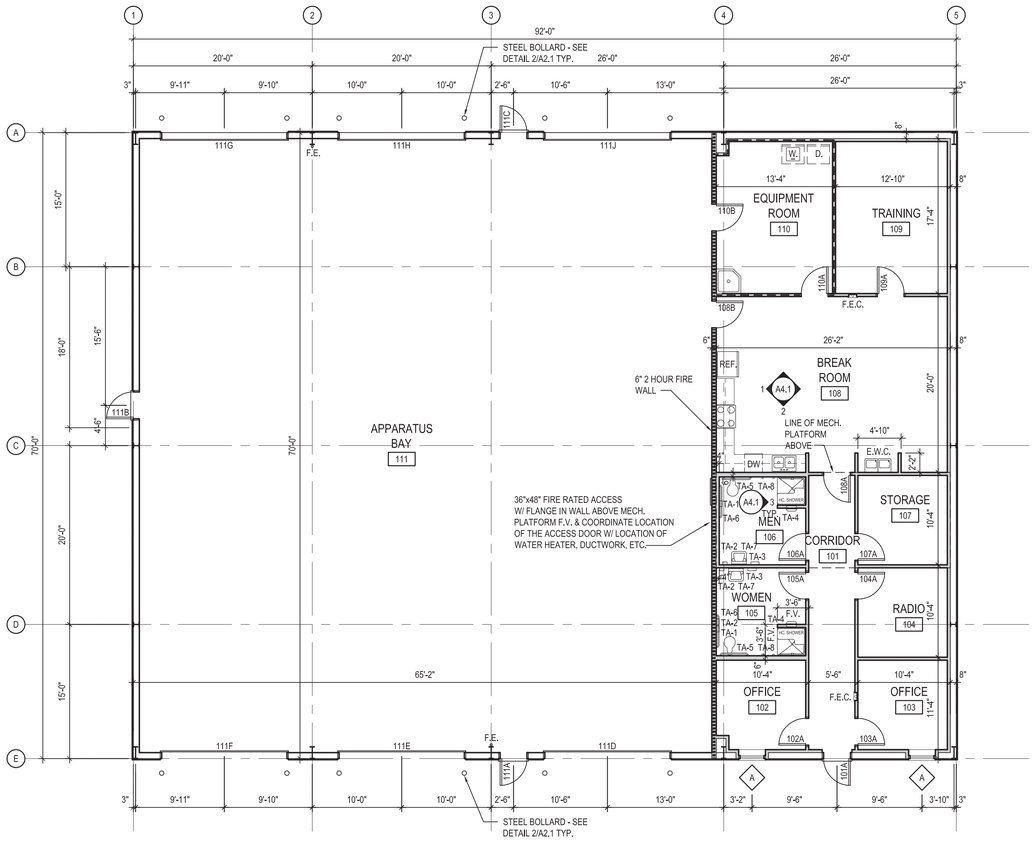
ISSUE:	JANUARY 13, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO:	21-20
DRAWN BY:	PAM GRANTHAM
CHECKED BY:	BRAD JOHNSON

SHEET TITLE

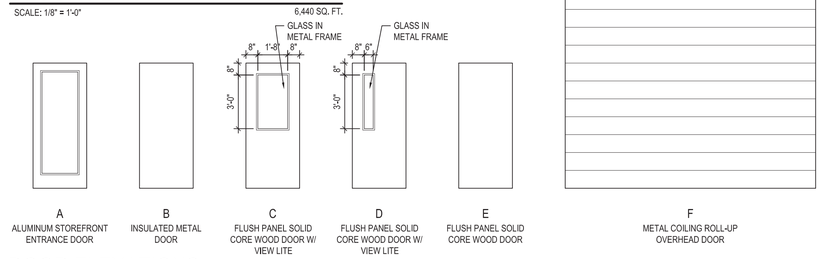
FOUNDATION & SCHEMATIC ROOF FRAMING PLANS, & SECTIONS

S1.1
SHEET 4 OF 5



FLOOR PLAN

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



A — ALUMINUM STOREFRONT ENTRANCE DOOR

B — INSULATED METAL DOOR

C — FLUSH PANEL SOLID CORE WOOD DOOR W/ VIEW LITE

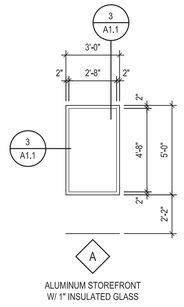
D — FLUSH PANEL SOLID CORE WOOD DOOR W/ VIEW LITE

E — FLUSH PANEL SOLID CORE WOOD DOOR

F — METAL COILING ROLL-UP OVERHEAD DOOR

DOOR ELEVATIONS

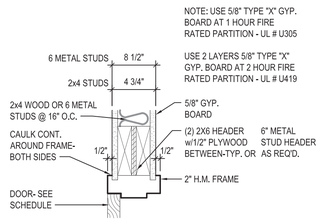
SCALE: 1/4" = 1'-0"



ALUMINUM STOREFRONT W/ 1" INSULATED GLASS

WINDOW ELEVATION

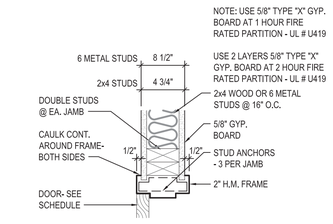
SCALE: 1/4" = 1'-0"



DETAIL - DOOR HEAD

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

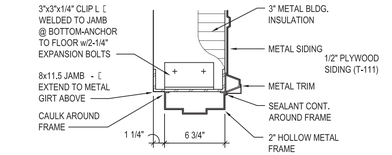
5 A1.1



DETAIL - DOOR JAMB

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

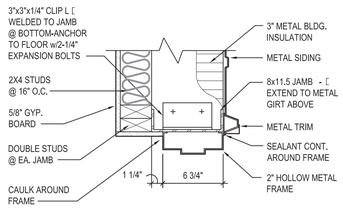
6 A1.1



DETAIL - EXTERIOR DOOR JAMB (HEAD SIM.)

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

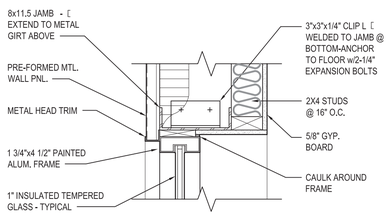
1 A1.1



DETAIL - EXTERIOR DOOR JAMB (HEAD SIM.)

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

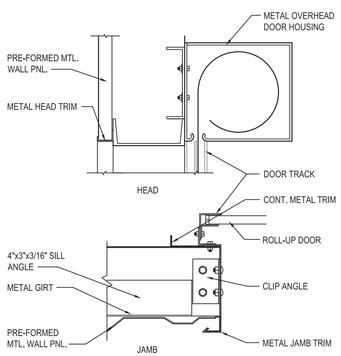
2 A1.1



DETAIL - EXTERIOR WINDOW / DOOR JAMB (HEAD / SILL SIM.)

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

3 A1.1



DETAIL @ ROLL-UP DOOR

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

4 A1.1

DOOR AND FRAME SCHEDULE

MARK	DOOR SIZE W	DOOR SIZE HT	DOOR THK	DOOR MATL	DOOR EL	DOOR GLZ	FRAME MATL	FRAME GLZ	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FIRE RATING LABEL	HARD-WARE SET NO	NOTES
101A	3'-0"	7'-0"	1 3/4"	ALUM.	A	S.G.	ALUM.		2/A1.1 SIM.	2/A1.1 SIM.		1	1
102A	3'-0"	7'-0"	1 3/4"	WOOD	D	S.G.	H.M.		5/A1.1	6/A1.1		2	1
103A	3'-0"	7'-0"	1 3/4"	WOOD	D	S.G.	H.M.		5/A1.1	6/A1.1		2	1
104A	3'-0"	7'-0"	1 3/4"	WOOD	D	S.G.	H.M.		5/A1.1	6/A1.1		2	1
105A	3'-0"	7'-0"	1 3/4"	WOOD	E		H.M.		5/A1.1	6/A1.1		3	
106A	3'-0"	7'-0"	1 3/4"	WOOD	E		H.M.		5/A1.1	6/A1.1		3	
107A	3'-0"	7'-0"	1 3/4"	WOOD	E		H.M.		5/A1.1	6/A1.1		4	
108A	3'-0"	7'-0"	1 3/4"	WOOD	C	S.G.	H.M.		5/A1.1	6/A1.1		6	1
108B	3'-0"	7'-0"	1 3/4"	WOOD	C	F.G.	H.M.		5/A1.1	6/A1.1	90 MIN.	7	1
109A	3'-0"	7'-0"	1 3/4"	WOOD	D	S.G.	H.M.		5/A1.1	6/A1.1		2	1
110A	3'-0"	7'-0"	1 3/4"	WOOD	E		H.M.		5/A1.1	6/A1.1	20 MIN.	4	
110B	3'-0"	7'-0"	1 3/4"	WOOD	E		H.M.		5/A1.1	6/A1.1	90 MIN.	5	
111A	3'-0"	7'-0"	1 3/4"	METAL	B		H.M.		1/A1.1	1/A1.1 SIM.		7	2
111B	3'-0"	7'-0"	1 3/4"		B		H.M.		1/A1.1	1/A1.1 SIM.		7	2
111C	3'-0"	7'-0"	1 3/4"		B		H.M.		1/A1.1	1/A1.1 SIM.		7	2
111D	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	
111E	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	
111F	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	
111G	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	
111H	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	
111J	14'-0"	12'-0"		METAL	F		METAL		4/A1.1	4/A1.1 SIM.		8	

DOOR AND WINDOW NOTES:

1. ALL DOORS AND WINDOWS TO HAVE SAFETY GLASS WHERE REQUIRED BY CODE.
2. PROVIDED BY METAL BUILDING MANUFACTURER.

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS MATL	WALLS FIN	CEILING MATL	CEILING FIN	CEILING HEIGHT	NOTES
101	CORRIDOR	B	D	E	P1	F		9'-0"	
102	OFFICE	B	D	E	P1	F		9'-0"	
103	OFFICE	B	D	E	P1	F		9'-0"	
104	RADIO	B	D	E	P1	F		9'-0"	
105	WOMEN'S RESTROOM	C	C	E	P1	F		9'-0"	
106	MEN'S RESTROOM	C	C	E	P1	F		9'-0"	
107	STORAGE	B	D	E	P1	F		9'-0"	
108	BREAK ROOM	B	D	E	P1	F		10'-0"	
109	TRAINING	B	D	E	P1	F		10'-0"	
110	EQUIPMENT ROOM	A	D	E	P1	F		10'-0"	
111	APPARATUS BAY	A		G		G		VARIES	

MATERIAL KEY	
A	CONCRETE SEALED
B	LUXURY VINYL TILE
C	PORCELAIN TILE
D	4" VINYL BASE
E	GYPSUM BOARD
F	LAY-IN ACOUSTICAL TILE
G	EXPOSED STRUCTURE

FINISH KEY	
P1	PAINT, SEMI- GLOSS

GENERAL FINISH NOTES:

1. CONTRACTOR SHALL VERIFY ALL FINISHES WITH OWNER / ARCHITECT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING/APPLYING ALL FINISHES SCHEDULED AND/OR SPECIFIED.
3. PROVIDE TRANSITIONAL EDGE STRIP AT ALL JOINTS BETWEEN ANY DISSIMILAR MATERIALS, AND WHEREVER POSSIBLE, EXECUTE TRANSITION UNDER CENTERLINE OF DOOR IN CLOSED POSITION.
4. CENTER TILE PATTERN IN BOTH DIRECTIONS IN EACH ROOM, UNLESS INDICATED OTHERWISE.

LEGEND

- VERTICAL METAL SIDING OVER P.E.M.B. GIRT WALL.
- 3 5/8" METAL STUD WALLS @ 16" O.C. W/ 5/8" GYP. BD. EA. SIDE EXCEPT AT EXTERIOR WALL WHICH SHALL HAVE GYP. BD. ON INTERIOR SIDE ONLY.
- 1 HOUR RATED PARTITION - 3 5/8" METAL STUD WALLS @ 16" O.C. W/ 5/8" TYPE "X" GYP. BD. EA. SIDE - UL # U305
- 2 HOUR RATED PARTITION - 6" METAL STUD WALLS @ 16" O.C. W/ 2 LAYERS OF 5/8" TYPE "X" GYP. BD. EA. SIDE - UL # U419
- F.E. — FIRE EXTINGUISHER MOUNT 24" A.F.F. TO BOTT.
- F.E.C. — FIRE EXTINGUISHER IN RECESSED CABINET. MOUNT 24" A.F.F. TO BOTT. OF CABINET.
- E.W.C. — HI-LOW ELECTRIC WATER COOLER.

GENERAL SHEET NOTES

1. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH ARE ENCOUNTERED.
2. SEE FOUNDATION FOR NOTES AND ADDITIONAL REQUIREMENTS. SEE PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED NOTES.
3. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE AND THE LOCAL BUILDING OFFICIALS OFFICE. VERIFY REQUIREMENTS PRIOR TO BIDDING.
4. ALL DIMENSIONS ARE TO THE FACE OF STUDS AND FACE OFCONCRETE UNLESS OTHERWISE NOTED.
5. ANCHORS, FASTENERS AND NAILING SHALL COMPLY WITH THE RECOMMENDATIONS OF THE NATIONAL FOREST PRODUCTS ASSOCIATIONS "MANUAL FOR HOUSE FRAMING" AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE, BUT IN NO CASE NO LESS THAN THAT SHOWN ON THE DRAWINGS.
6. CONTRACTOR SHALL COORDINATE ALL FRAMING WITH OTHER TRADES IN ORDER TO AVOID ALL UNNECESSARY CUTTING AND MODIFICATIONS. CONTRACTOR SHALL INSTALL BLOCKING AS REQUIRED TO ANCHOR HARDWARE, ACCESSORIES, SPECALTIES, EQUIPMENT, ETC.
7. STRUCTURAL STEEL SHALL CONFORM TO ASTM 36. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
8. GENERAL CONTRACTOR SHALL INSTALL FOUNDATIONS AND ANCHOR BOLTS FOR METAL BUILDING COLUMNS WHICH SHALL BE FURNISHED BY THE METAL BUILDING CONTRACTOR. GENERAL CONTRACTOR SHALL VERIFY ALL REQUIREMENTS WITH METAL BUILDING CONTRACTOR.
9. METAL BUILDING CONTRACTOR SHALL FURNISH AND INSTALL ALL STEEL COLUMNS, ROOF FRAMING, WALL GIRT FRAMING, ROOF PANELS, METAL SIDING, FASCIAS, FLASHING, ETC.,
10. GENERAL CONTRACTOR SHALL POUR ALL CONCRETE FLOORS, WALKS AND PAVING AND SHALL ERECT ALL NON-STRUCTURAL WALLS AND INSTALL ALL INTERIOR AND EXTERIOR FINISHES OTHER THAN THOSE PROVIDED BY THE METAL BUILDING CONTRACTOR.
11. PROVIDE 3 1/2" SOUND ATTENUATION BATT INSULATION @ ALL WALLS. PROVIDE 3 1/2" UN-FACED BATT INSULATION ABOVE CEILING.
12. INTERIOR NON-LOAD BEARING WALLS SHALL BE EXTEND 6" ABOVE ACOUSTICAL CEILING GRID. ALL RATED WALLS TO BE EXTEND TO THE UNDERSIDE OF STRUCTURE.

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REGISTERED ARCHITECT

A NEW FIRE STATION FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	APRIL 19, 2022	
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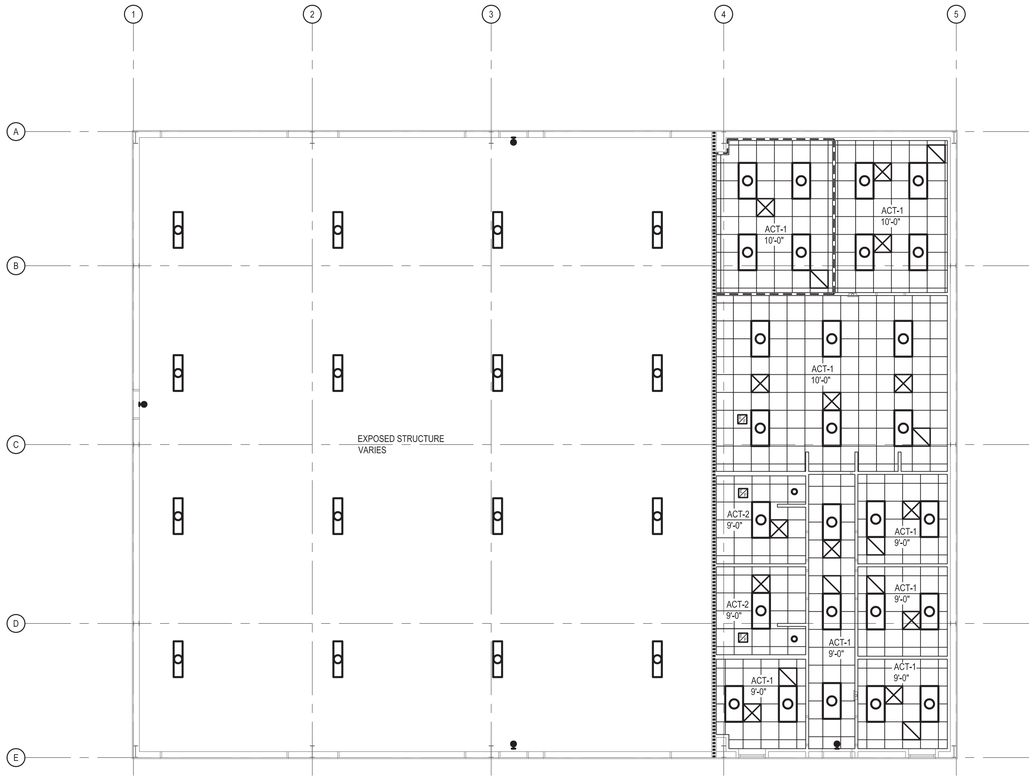
DRAWN BY:		CHAD M. BROWN / JAMEY AVERY
CHECKED BY:		CHAD M. BROWN

SHEET TITLE

FLOOR PLAN, DOOR, FINISH SCHEDULES & DETAILS

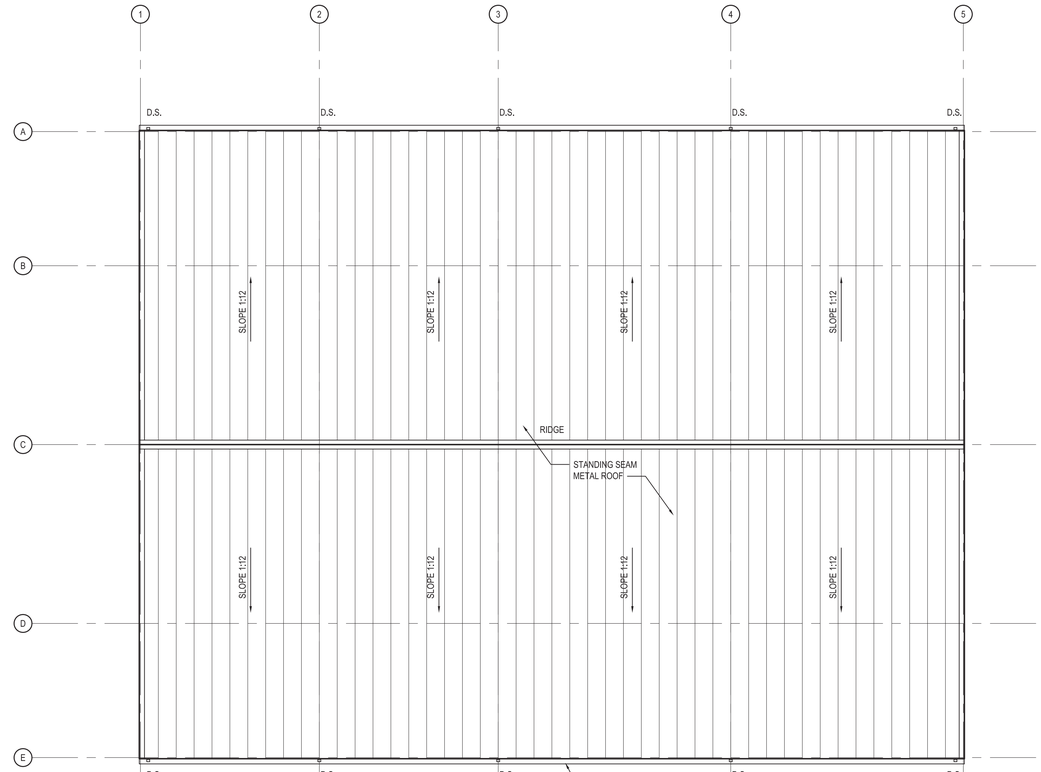
A1.1

SHEET 1 OF 5



REFLECTED CEILING PLAN

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



ROOF PLAN

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

CEILING LEGEND

- 2'X4' RECESSED FIXTURE - SEE ELECTRICAL PLAN
- 2'X2' RECESSED FIXTURE - SEE ELECTRICAL PLAN
- PENDANT FIXTURE - SEE ELECTRICAL PLAN
- 4' SURFACE MOUNTED FIXTURE - SEE ELECTRICAL PLAN
- RECESSED MOUNTED FIXTURE - SEE ELECTRICAL PLAN
- 2'x2' ACOUSTICAL CEILING TILE
- CEILING DIFFUSER IN 2'x2' ALUM. PANEL - SEE MECHANICAL PLAN
- RETURN AIR GRILLE - SEE MECHANICAL PLAN
- EXHAUST FAN - SEE MECHANICAL PLAN
- 1-HR. FIRE RATED PARTITION ASSEMBLY - UL # U305
- 2-HR. FIRE RATED PARTITION ASSEMBLY - UL # U419

CEILING TYPES:

ACT-1 ACOUSTICAL TILE-TYPE 1

ACT-2 ACOUSTICAL TILE (MOISTURE RESISTANT)-TYPE 2

NOTE:
CEILING HEIGHTS LISTED ON THE REFLECTED CEILING PLAN ARE NOMINAL. SEE DETAILS FOR EXACT DIMENSIONS.

CEILING NOTES

1. MECHANICAL & ELECTRICAL CONTRACTORS SHALL COORDINATE THE LOCATION OF DIFFUSERS, GRILLES, LIGHT FIXTURES, ETC. WITH CEILING LAYOUT PRIOR TO BEGINNING ANY WORK AND SHALL CONSULT WITH THE ARCHITECT CONCERNING ANY CONFLICTS.
2. CONTRACTOR SHALL PROVIDE ADDITIONAL FRAMING FOR SOFFITS AND CEILINGS AS REQUIRED AT LIGHT FIXTURES, DIFFUSERS, GRILLES, ETC.
3. CEILING GRID AND SOFFIT FRAMING SHALL BE SUPPORTED FROM STRUCTURE AT ALL CORNERS OF LIGHT FIXTURES, DIFFUSERS, GRILLES, ETC. ELECTRICAL AND MECHANICAL CONTRACTORS SHALL SUPPORT THEIR FIXTURES, DIFFUSERS, GRILLES, ETC. WITH HANGERS INDEPENDENT OF THE CEILING SYSTEM.

ROOFING NOTES

1. ROOFING SUBCONTRACTOR SHALL VERIFY ALL ROOF SUBSTRATE, CONDITIONS, AND DIMENSIONS, PRIOR TO ROOF INSTALLATION.
2. EXTEND ALL ROOF PENETRATIONS UP THROUGH ROOF SYSTEM AS RECOMMENDED BY ROOF SYSTEM MANUFACTURER.
3. DIVERT WATER AROUND ALL EXHAUST FANS, ETC. AS REQUIRED.
4. VENT THRU ROOFS SHALL BE ROUTED TO REAR OF BUILDING WHERE POSSIBLE - COORDINATE WITH ARCHITECT
5. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL PLUMBING, MECHANICAL, AND ELECTRICAL ROOF AND WALL PENETRATIONS WITH ARCHITECT. GENERAL LOCATIONS ARE INDICATED ON PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS.

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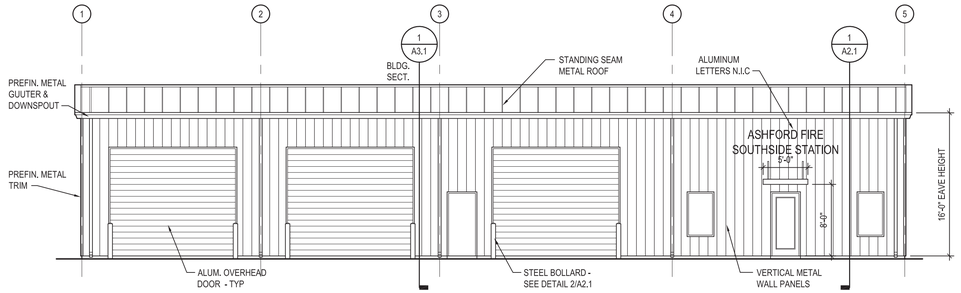
CHECKED BY:	CHAD M. BROWN

SHEET TITLE

REFLECTED CEILING AND ROOF PLANS

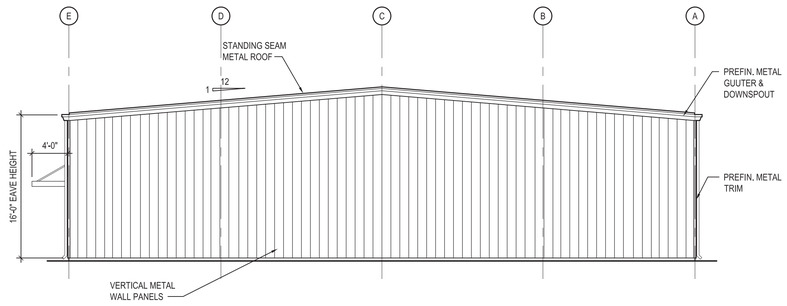
A1.2

SHEET 2 OF 5



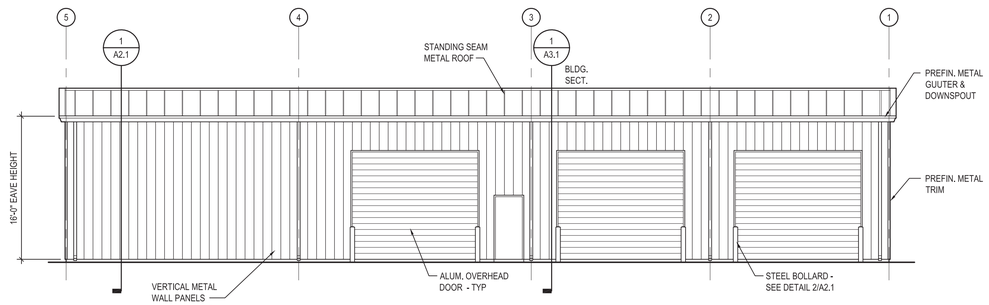
FRONT ELEVATION

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



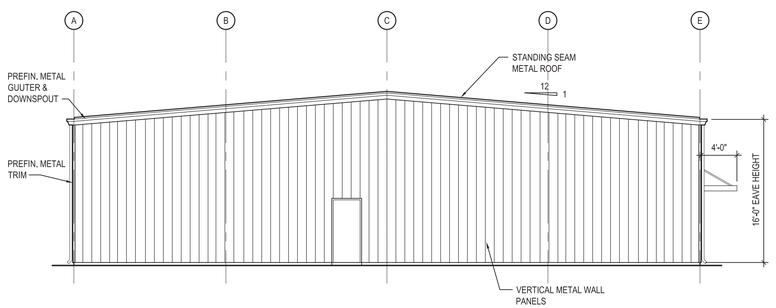
RIGHT SIDE ELEVATION

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



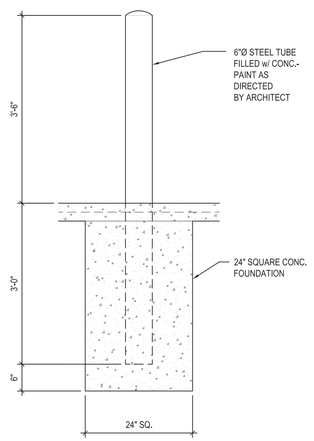
REAR ELEVATION

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



LEFT SIDE ELEVATION

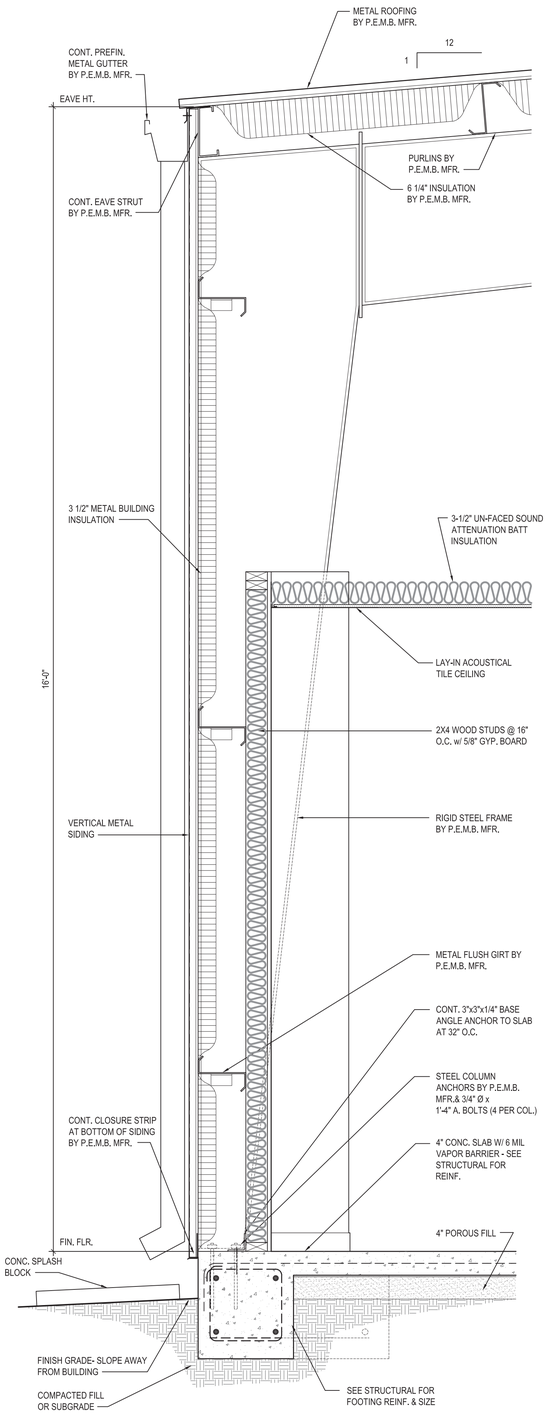
SCALE: 1/8" = 1'-0"



BOLLARD DETAIL

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

2 / A2.1



WALL SECTION

SCALE: 1" = 1'-0"

1 / A2.1

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A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	APRIL 19, 2022	
MARK	DATE	DESCRIPTION

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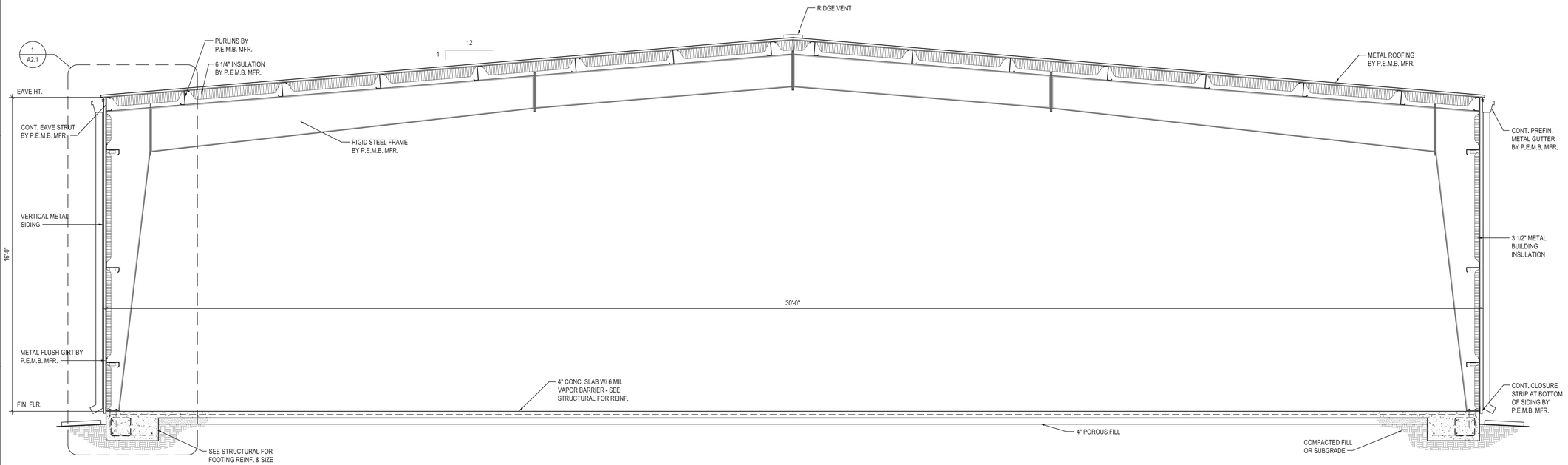
DRAWN BY:	JAMEY AVERY
CHECKED BY:	CHAD M. BROWN

SHEET TITLE

EXTERIOR ELEVATIONS AND SECTIONS

A2.1

SHEET 3 OF 5



BUILDING SECTION

SCALE: 3/8" = 1'-0"

1
A3.1

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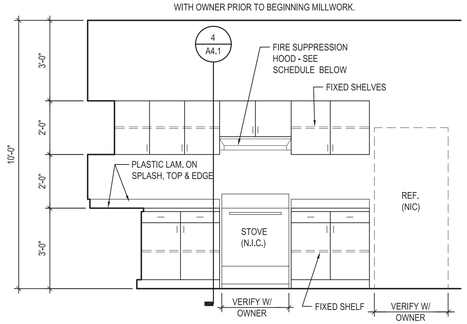
BUILDING
SECTION

A3.1
SHEET 4 OF 5

NOTE: FIELD VERIFY SIZE OF ALL APPLIANCES WITH OWNER PRIOR TO BEGINNING MILLWORK.

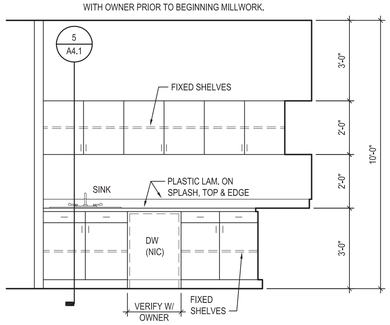


BREAK ROOM ELEVATION

SCALE: 3/8" = 1'-0"

1 A4.1

NOTE: FIELD VERIFY SIZE OF ALL APPLIANCES WITH OWNER PRIOR TO BEGINNING MILLWORK.



BREAK ROOM ELEVATION

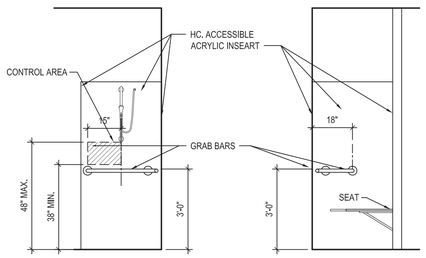
SCALE: 3/8" = 1'-0"

2 A4.1

FIRE SUPPRESSION RANGE HOOD

MFRG	MODEL#	CFM	VOLTAGE	AMPS
DENLAR	D1030-F (NFPA101)	500	120 / 1 / 60	5

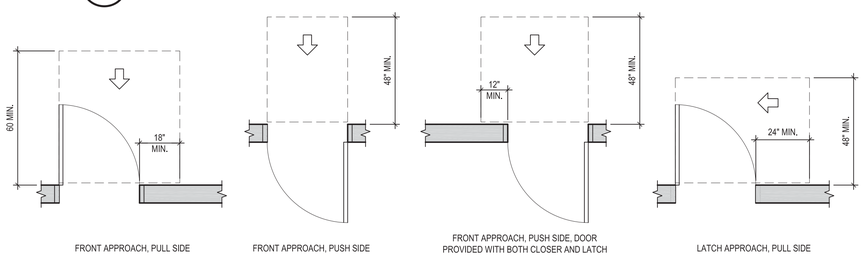
NOTES: 1. HOOD SHALL HAVE AN INTEGRAL FIRE SUPPRESSION SYSTEM WITH AUTOMATIC POWER DISCONNECT.
2. HOOD TO BE RETICULATING TYPE AND BE COMPLIANT WITH NFPA 101.
3. EQUAL PRODUCT ACCEPTED BY PRE-APPROVED MFRG.



HC SHOWER - TYP.

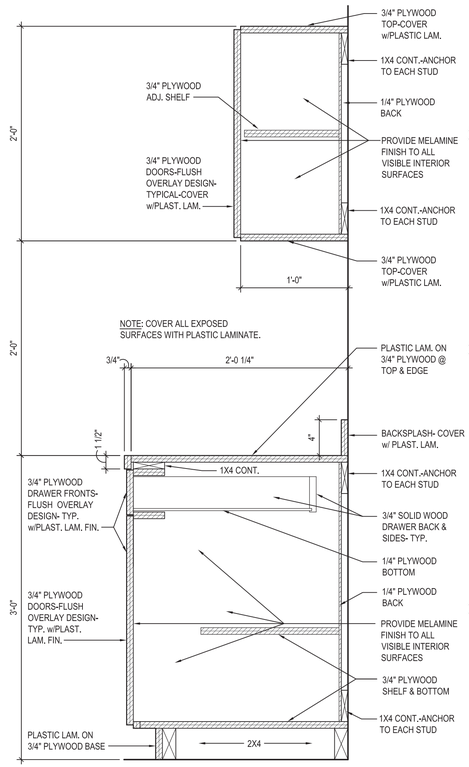
SCALE: 3/8" = 1'-0"

3 A4.1



MANEUVERING CLEARANCES - ACCESSIBLE ROUTES

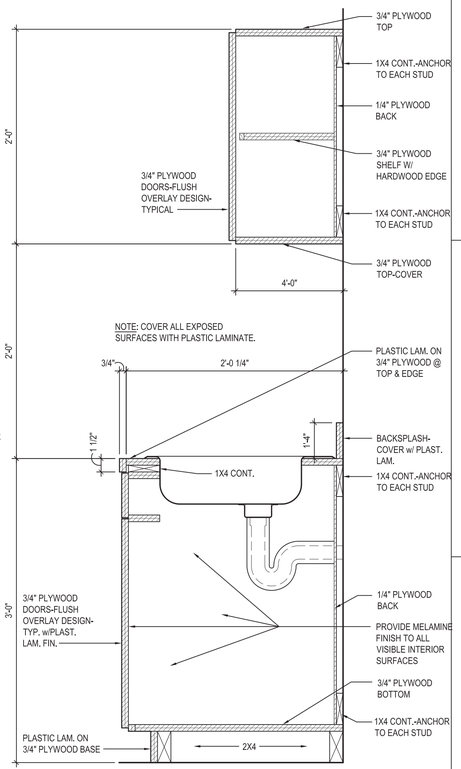
SCALE: 3/8" = 1'-0"



CABINET SECTION

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

4 A4.1



CABINET SECTION

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

5 A4.1

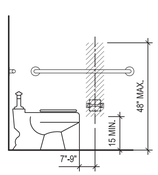
TOILET ACCESSORIES LEGEND

TA-1	TISSUE HOLDER - BRADLEY 5224
TA-2	SOAP DISPENSER - BRADLEY 6562
TA-3	TOWEL DISPENSER - BRADLEY 250-15
TA-4	WASTE RECEPTACLE - BRADLEY 346
TA-5	36" GRAB BAR - BRADLEY 812
TA-6	42" GRAB BAR - BRADLEY 812
TA-7	18"x36" MIRROR - BRADLEY 781-1836
TA-8	COAT HOOK - BRADLEY 9134 MOUNTING HT. 48" MAX. - 33" MIN. A.F.F.
TA-9	SANITARY NAPKIN DISPOSAL - BRADLEY 4781-15

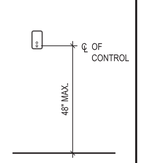
NOTE:

1. THE NUMBERS ABOVE REFER TO MODEL NUMBERS FOR UNITS AS MANUFACTURED BY BRADLEY CORP.
2. TOILET ACCESSORIES SHALL BE SIMILAR OR EQUAL TO THESE MODELS SPECIFIED.

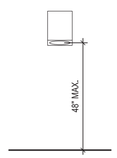
TOILET ACCESSORIES AND ADA MOUNTING HEIGHT SCHEDULE



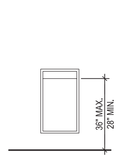
TA-1 (T.P. DISPENSER)



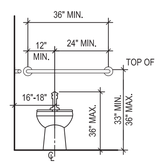
TA-2 (SOAP DISPENSER)



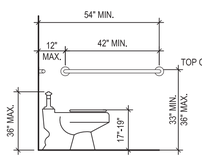
TA-3 (TOWEL DISPENSER)



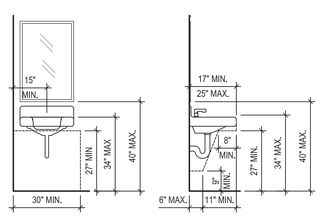
TA-4 (WASTE RECEPTACLE)



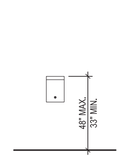
TA-5 (BACK GRAB BAR)



TA-6 (SIDE GRAB BAR)



TA-7 (MIRROR W/ S.S. FRAME)



TA-9 (SANITARY NAPKIN DISPOSAL)

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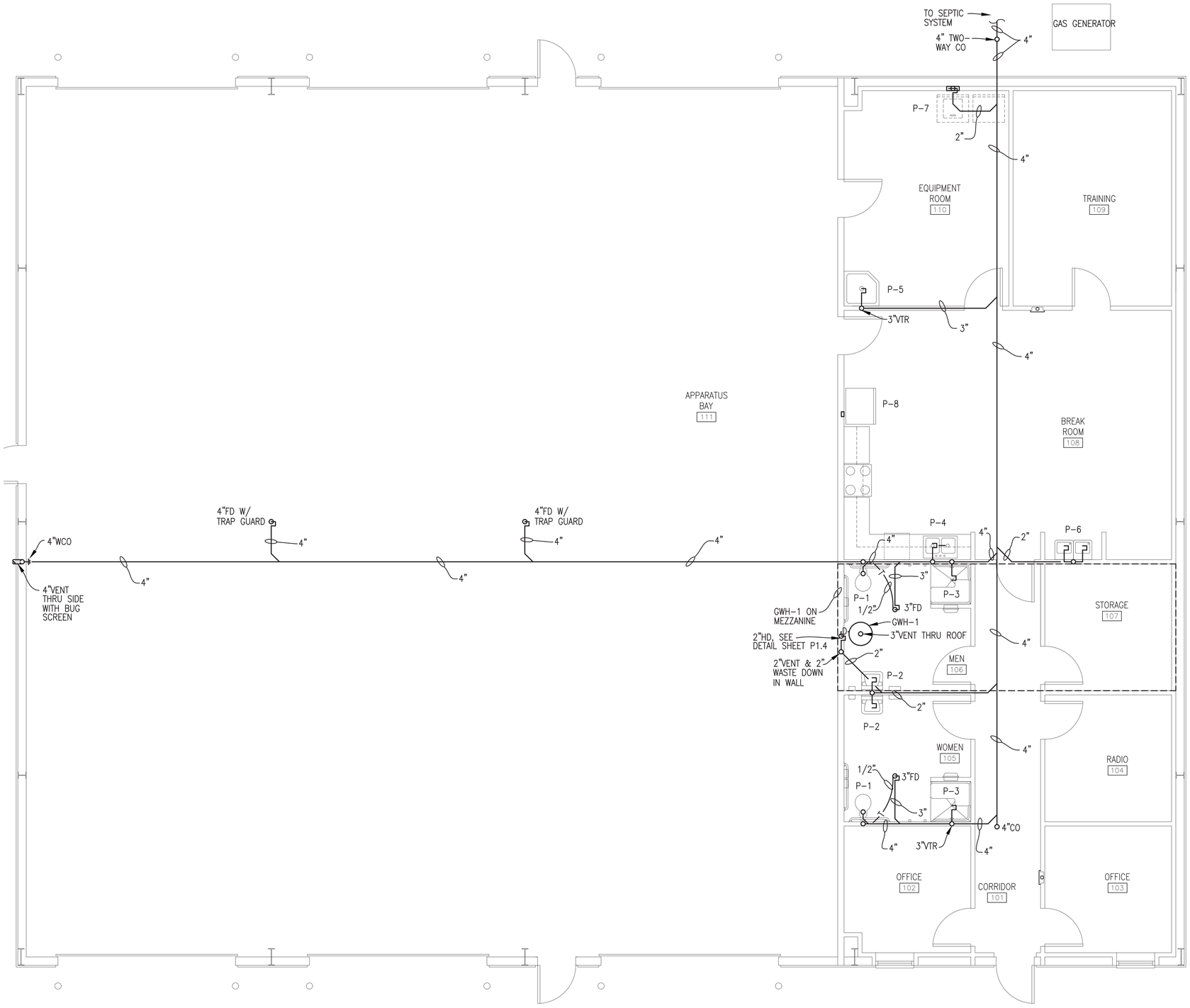
SHEET TITLE

INTERIOR ELEVATIONS AND SECTIONS

A4.1

SHEET 5 OF 5



N

PLUMBING PLAN – WASTE

SCALE: 1/4" = 1'–0"

5' 0 5'

SCALE: 1/4"= 1'–0"

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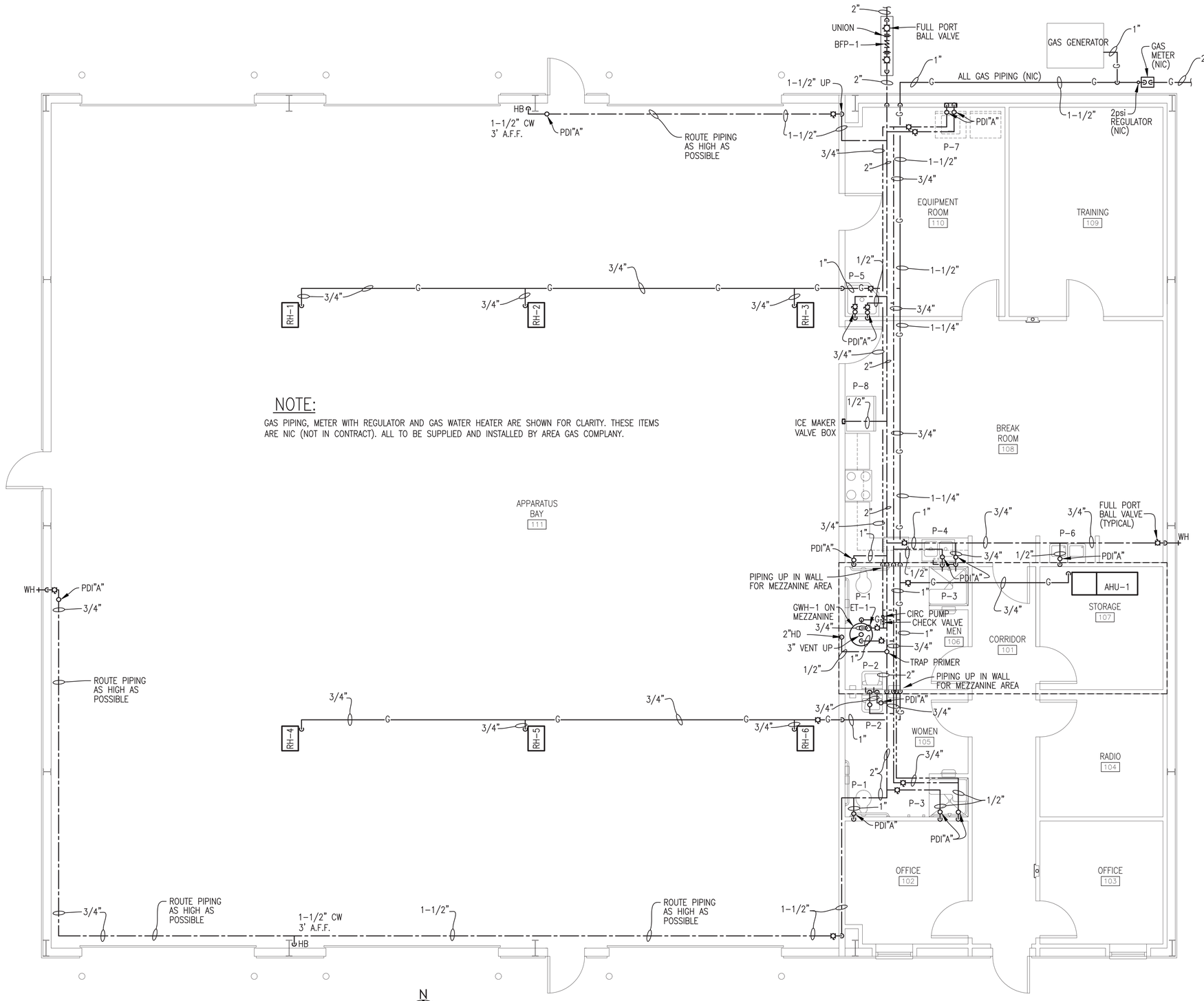
DRAWN BY: C. JOINER
CHECKED BY: G. PETERSON

SHEET TITLE

PLUMBING PLAN-WASTE

P1.1

SHEET .. OF ..



NOTE:

GAS PIPING, METER WITH REGULATOR AND GAS WATER HEATER ARE SHOWN FOR CLARITY. THESE ITEMS ARE NIC (NOT IN CONTRACT). ALL TO BE SUPPLIED AND INSTALLED BY AREA GAS COMPLANY.

N

PLUMBING PLAN – WATER

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

5' 0 5'

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

architecture **jml**

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DRAWN BY: C. JOINER
CHECKED BY: G. PETERSON

SHEET TITLE

PLUMBING PLAN - WATER & GAS

P1.2
SHEET .. OF ..

FIXTURE CONNECTION SCHEDULE

MARK	DESCRIPTION	WASTE	CW	HW	REMARKS
P–1	WATER CLOSET (ADA)	4"	1"	--	FLOOR MOUNTED VITREOUS CHNA FLUSH VALVE TYPE MOUNTED FOR ADA AT 1.28 GPF
P–2	LAVATORY (ADA)	1–1/4"	1/2"	1/2"	WALL HUNG VITREOUS CHINA WITH SINGLE LEVER FAUCET FOR ADA AT 0.5 GPM
P–3	SHOWER (ADA)	2"	1/2"	1/2"	ROLL IN WITH FOLD DOWN TRANSFER SEAT, 30" SLIDE BAR WITH 60" HAND HELD SHOWER HEAD
P–4	KITCHEN SINK	1–1/2"	1/2"	1/2"	TWO COMPARTMENT STAINLESS STEEL WITH GOOSENECK FAUCET AND SPRAYER
P–5	MOP SINK	3"	1/2"	1/2"	FLOOR MOUNTED TERRAZZO WITH WALL MOUNTED FAUCET, 3/4" HOSE CONNECTION, VACUUM BREAKER AND MOP HANGER
P–6	WATER COOLER (ADA)	1–1/2"	1/2"	--	SPLIT LEVEL BUBBLER STYLE WITH BOTTLE FILLER
P–7	WASHER BOX	2"	1/2"	1/2"	WALL RECESSED
P–8	ICE MAKER VALVE BOX	--	1/2"	--	WALL RECESSED
P–9	ELECTRIC STOVE	--	--	--	STAND ALONE
FD	FLOOR DRAIN	3"	--	--	PROVIDE WITH DEEP SEAL TRAP AND PRIMER UNLESS OTHERWISE NOTED
WH	WALL HYDRANT	--	3/4"	--	FREEZE PROOF WITH VACUUM BREAKER AND SHUT OFF VALVE
HB	HOSE BIBB	--	1–1/2"	--	FREEZE PROOF WITH VACUUM BREAKER AND SHUT OFF VALVE

(ADA) DENOTES FIXTURES TO BE MANUFACTURED AND MOUNTED FOR AMERICANS WITH DISABILITIES ACT USE. INSULATE SUPPLIES AND P–TRAP.

EXPANSION TANK SCHEDULE

MARK	TYPE	VOLUME ACCEPTANCE	VOLUME	AIR CHARGE	MAX. WORKING PRESSURE	REMARKS BASIS OF DESIGN:
ET–1	VERTICAL	0.9 GAL	2.1 GAL	SYSTEM PRESSURE	150 PSI	AMTROL – ST–5

BACKFLOW PREVENTER SCHEDULE

NUMBER	LINE SIZE, IN.	GPM	MAX. PRESSURE DROP	REMARKS *
BFP–1	2"	HOLD	10#	HORIZIONTAL TYPE WITH SHUTOFF VALVES

* REDUCED PRESSURE TYPE

GAS WATER HEATER SCHEDULE – NIC (BASIS OF DESIGN)

MARK	MBH NAT. GAS INPUT	GALLONS PER HR RECOVERY	TEMP. RISE °F	TANK CAP.	FLUE SIZE	GAS CONN.	ELECTRICAL CIRCULATING PUMP				REMARKS
							HP	VOLTS	PH	HZ	
GWH–1	40	41	90	50 GAL	3"	1/2"	1/25	120	1	60	CIRCULATING PUMP TO BE BRONZE FLANGED

LEGEND:

———————	SOIL OR WASTE PIPING
– – – – – – – – – –	VENT PIPING
—— - —— - ——	COLD WATER PIPING
—— – —— – ——	HOT WATER PIPING
——— T ———	TRAP PRIME PIPING
——— D ———	DRAIN PIPING
——— G ———	GAS PIPING
GWH	GAS WATER HEATER
ET	EXPANSION TANK
FD	FLOOR DRAIN
VTR	VENT THRU ROOF
WH	WALL HYDRANT
BFP	BACKFLOW PREVENTER
CO	CLEANOUT
HD	HUB DRAIN
PDI	PLUMBING AND DRAINAGE INSTITUTE
HB	HOSE BIBB
WCO	WALL CLEANOUT
NIC	NOT IN CONTRACT

PLUMBING SPECIFICATIONS:

1. REGULATORY REQUIREMENTS

A. THE CONTRACTOR SHALL COMPLY WITH ALL LEGAL REGULATIONS THAT MAY BE NECESSARY FOR FULLY COMPLETEING THE WORK. WHEN THE CONTRACTOR FINDS THE SPECIFICATIONS AND/OR DRAWINGS TO BE IN CONFLICT OR NOT CLEAR, OR ANY PORTION TO BE IN CONFLICT WITH ANY APPLICABLE CODE OR REGULATION, SAME SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO SUBMITTING A BID. ALL WORK IN THIS SECTION SHALL BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE – PLUMBING, THE STATE OF FLORIDA DEPARTMENT OF HEALTH, CHAPTER 64E–6, FLORIDA ADMINISTRATIVE CODE, AND FLORIDA BUILDING CODE – GAS. LATEST APPROVED ADDITION.

2. DELIVERY, STORAGE, AND HANDLING

A. DELIVERY, STORE, PROTECT AND HANDLE PRODUCTS TO SITE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

B. ALL PIPE OPENINGS SHALL BE ENCLOSED WITH PLUGS OR CAPS DURING CONSTRUCTION AND NOT BE REMOVED UNTIL FINAL CONNECTIONS ARE MADE.

3. WATER PIPING

A. HARD COPPER TUBE: ASTM B 88, TYPE L
1. FITTINGS: COPPER PUSH–ON ASME B16.22.

4. DRAIN WASTE AND VENT PIPING

A. POLYVINYL CHLORIDE PLASTIC PIPE (PVC); TYPE DWV; PVC PLASTIC TYPE DWV SOCKET–TYPE FITTING, SOLVENT CEMENT JOINTS.

5. HOSE BIBBS

A. PROVIDE ANGLE TYPE COPPER ALLOY HOSE BIBB WITH LOCK SHIELD AND HAND WHEEL. INLET SHALL HAVE INTERNAL THREADS. OUTLET SHALL HAVE VACUUM BREAKER WITH 3/4" EXTERNAL HOSE THREADS.

6. GAS PIPING

A. PROVIDE BLACK STEEL SCHEDULE 40 WITH MALLEABLE IRON OR STEEL FITTINGS.

B. GAS PIPING AND METER W/REGULATOR (NIC) TO BE SUPPLIED AND INSTALLED BY AREA GAS COMPANY.

7. FIXTURES, FITTINGS, ACCESSORIES, AND SUPPLIES

A. PROVIDE CONTROL–STOP VALVES IN EACH SUPPLY TO EACH FIXTURE. THE FINISH OF FITTINGS, ACCESSORIES, AND SUPPLIES EXPOSED TO VIEW SHALL BE CHROMIUM–PLATED PER ASME A112.18.1M. CENTER SET FAUCETS SHALL BE TOP–MOUNTED WITH INLETS ON NOT GREATER THAN 4–INCH ¢ENTERS. PROVIDE SPECIAL ROUGHING–IN FOR WHEELCHAIR FIXTURES.

1. FLUSH VALVE TYPE WATER CLOSETS (P–1): ASME A112.19.2M, WHITE VITREOUS CHINA, FLOOR MOUNTED, FLOOR OUTLET AS INDICATED, SIPHON JET, ELONGATED BOWL, WHITE SOLID PLASTIC ELONGATED OPEN–FRONT SEAT, AND ASME A112.19.5 TRIM. PROVIDE LARGE DIAPHRAGM (NOT LESS THAN 2.625 INCHES UPPER CHAMBER INSIDE DIAMETER AT THE POINT WHERE THE DIAPHRAGM IS SEALED BETWEEN THE UPPER AND LOWER CHAMBERS) NON–HOLD–OPEN FLUSH VALVE OF CHROME PLATED CAST BRASS, INCLUDING VACUUM BREAKER AND ANGLE (CONTROL–STOP) VALVE WITH BACK CHECK. THE WATER FLUSHING VOLUME OF THE FLUSH VALVE AND WATER CLOSET COMBINATION SHALL NOT EXCEED 1.28 GALLONS PER FLUSH.

2. LAVATORIES (P–2): ASME A112.19.2 WALL HUNG WHITE VITREOUS CHINA WITH ASME A112.6.1M CONCEALED ARM CARRIER SUPPORT, STRAIGHT BACK TYPE, MINIMUM DIMENSIONS OF 20 INCHES WIDE BY 18 INCHES FRONT TO REAR. PROVIDE ASME A112.18.1M COPPER ALLOY CENTER SET FAUCETS WITH AERATOR, PERFORATED GRID STRAINERS, AND 1.25–INCH ADJUSTABLE P–TRAPS, AND WALL HANGERS FOR MOUNTING.

3. SHOWER UNIT (P–3): CSA B45.5, SHOWER STALL SHALL BE SCRATCH RESISTANT, WATERPROOF AND REINFORCED. PROVIDE RECESSED TYPE SHOWER STALL APPROXIMATELY 36" WIDE BY 36" FRONT TO REAR BY 76" HIGH WITH 5" HIGH CURB. PROVIDE 30" SLIDE BAR WITH 60" HAND HELD SHOWER HEAD. PROVIDE ASTM D4551 PLASTICIZED POLYVINYL CHLORIDE SHOWER PAN. PROVIDE FOLD DOWN SEAT.

4. BREAKROOM SINK (P–4): ASME A112.19.3/CSA B45.4, 18 GAUGE STAINLESS STEEL WITH INTEGRAL MOUNTING RIM, MINIMUM DIMENSIONS 43" WIDE BY 22" EQUAL DOUBLE BOWL, TWO COMPARTMENT WITH UNDERSIDE FULLY SOUND DEADENED WITH SUPPLY OPENINGS FOR TOP MOUNTED WASHERLESS FAUCET WITH HOSE SPRAY. PROVIDE 1–1/2" P–TRAP AND DRAIN PIPING TO VERTICAL VENT.

5. MOP SINK (P–5): PRECAST TERRAZZO MOP SINK SHALL BE MADE OF MARBLE CHIPS IN WHITE PORTLAND CEMENT TO PRODUCE 3000 psi MINIMUM COMPRESSIVE STRENGTH 7 DAYS AFTER CASTING. PROVIDE FLOOR OUTLET COPPER ALLOY BODY DRAIN CAST INTEGRAL WITH TERRAZZO, WITH POLISHED STAINLESS STEEL STRAINER. PROVIDE WALL MOUNTED CAST COPPER FAUCET WITH 3/4" HOSE CONNECTION AND VACUUM BREAKER. PROVIDE MOP HANGER AND STAINLESS STEEL WALL GUARDS.

6. WATER COOLER (P–6): AHRI 1010 WALL MOUNTED BUBBLER STYLE WITH ASME A112.6.1M CONCEALED CHAIR CARRIER, AIR COOLED CONDENSING UNIT, 4.75 GPH CAPACITY, STAINLESS STEEL, WITH 27" MINIMUM KNEE CLEARANCE FROM BOTTOM OF UNIT TO FLOOR AND 36" MAXXIMUM SPOUT HEIGHT ABOVE FLOOR WITH BOTTLE FILLER. BUBBLERS SHALL HAVE TOUCH PADS ON EACH SIDE AND ONE IN THE FRONT. PROVIDE FILTERS FOR CHLORINE IN SUPPLY PIPING TO FAUCETS.

7. WASHER BOX (P–7): VALVES TO MEET ASME A112.18.1 PVC BOX WITH "AA" WATER HAMMER ARRESTOR COMPLYING WITH ASSE STANDARD 1010 AND 2" DRAIN OPENING.

8. ICE MAKER VALVE BOX (P–8):BOX IS 20 GAUGE GALVANIZED STEEL WITH VALVE TO MEET ASME 112.18.1 WITH "AA" WATER HAMMER ARRESTOR ASSE STANDARD 1010.

9. ALL FLOOR DRAINS SHALL HAVE A DEEP SEAL P–TRAP AND BE PROVIDED WITH TRAP PRIME PIPING UNLESS OTHERWISE NOTED.

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FLORIDA LICENSED No. 14381 PROFESSIONAL ENGINEER G. R. PETERSON

A NEW FIRE STATION FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

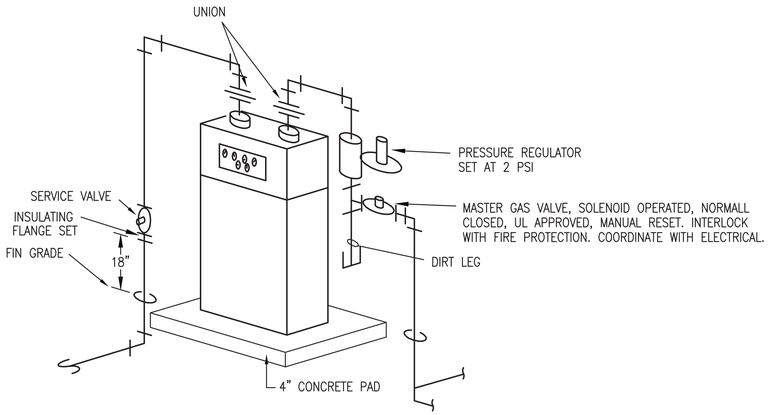
ISSUE:	APRIL 8, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO: 21-20
DRAWN BY: C. JOINER
CHECKED BY: G. PETERSON

SHEET TITLE

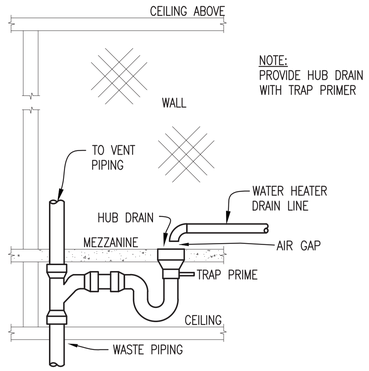
SCHEDULES AND LEGEND

P1.3
SHEET .. OF ..



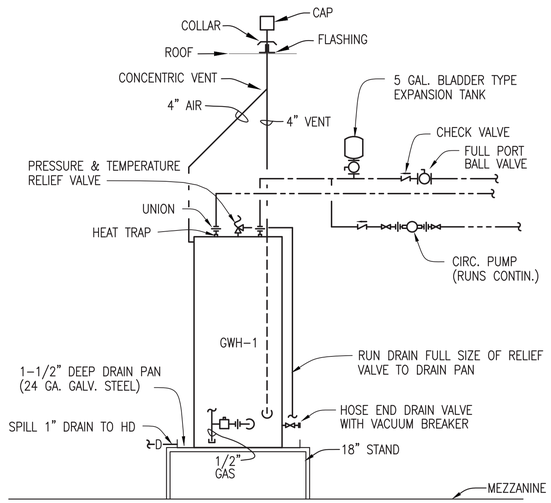
GAS METER CONNECTION DETAIL WITH EMERGENCY SHUTOFF

NOT TO SCALE (NIC)



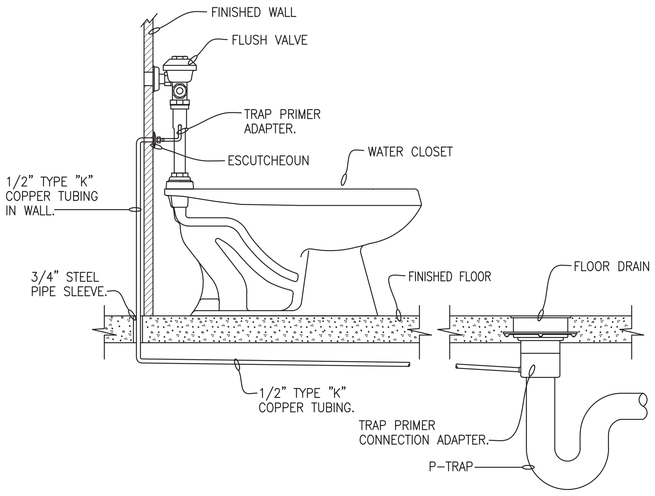
HUB DRAIN DETAIL

NOT TO SCALE



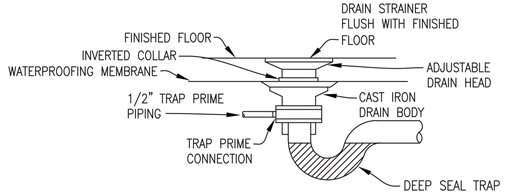
GAS WATER HEATER CONNECTION DETAIL

NOT TO SCALE (NIC)



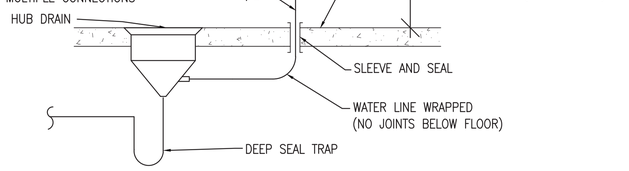
WATER CLOSET TRAP PRIMER INSTALLATION DETAIL

NOT TO SCALE



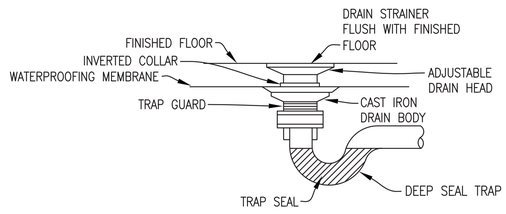
FLOOR DRAIN DETAIL

NOT TO SCALE



TRAP PRIMER DETAIL

NOT TO SCALE



FLOOR DRAIN DETAIL W/ TRAP GUARD

NOT TO SCALE

architecture jml

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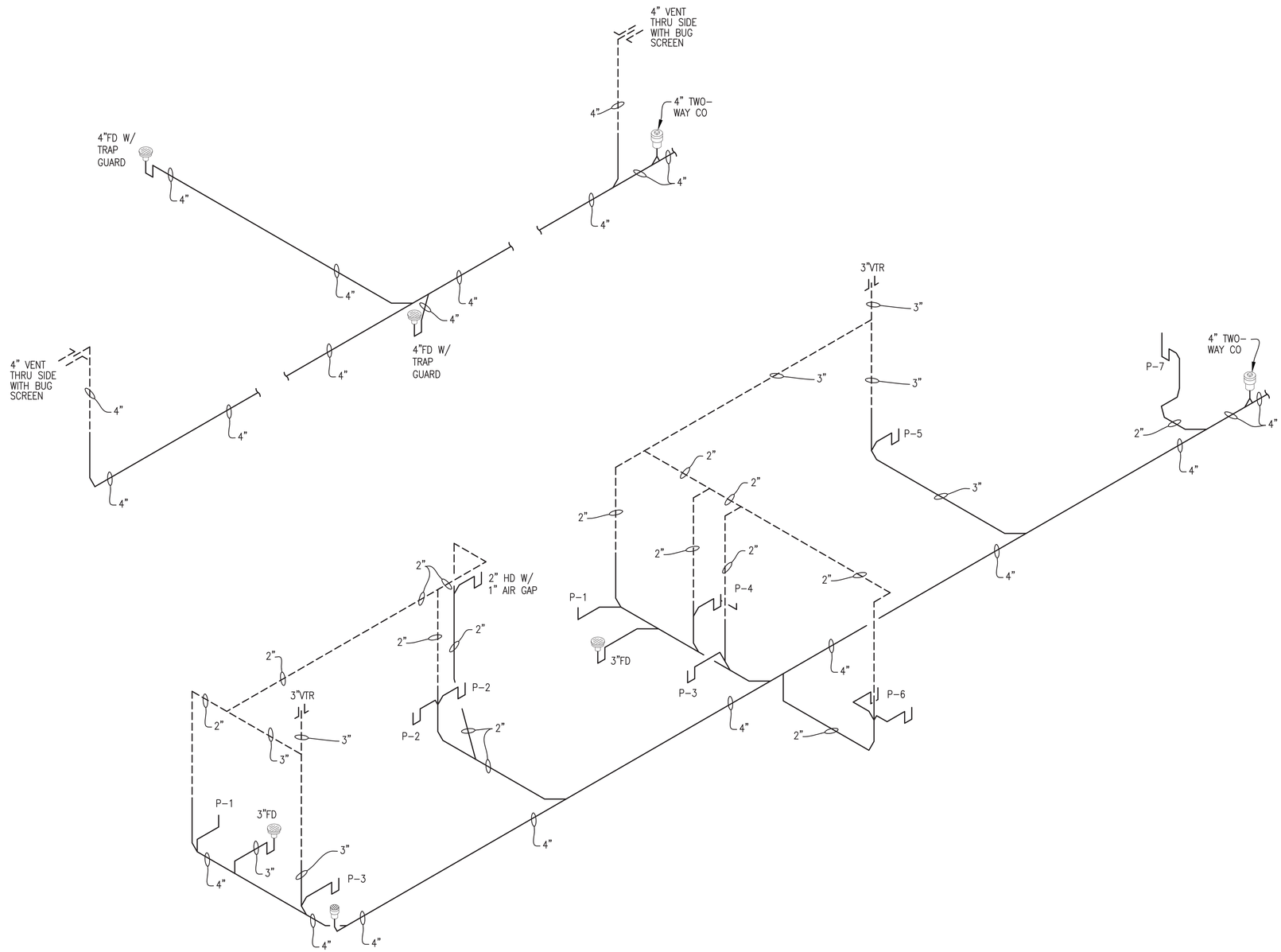
SHEET TITLE

PLUMBING DETAILS

P1.4
SHEET .. OF ..



WASTE AND VENT RISER DIAGRAM

NOT TO SCALE

architecture jml

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STATE OF ALABAMA

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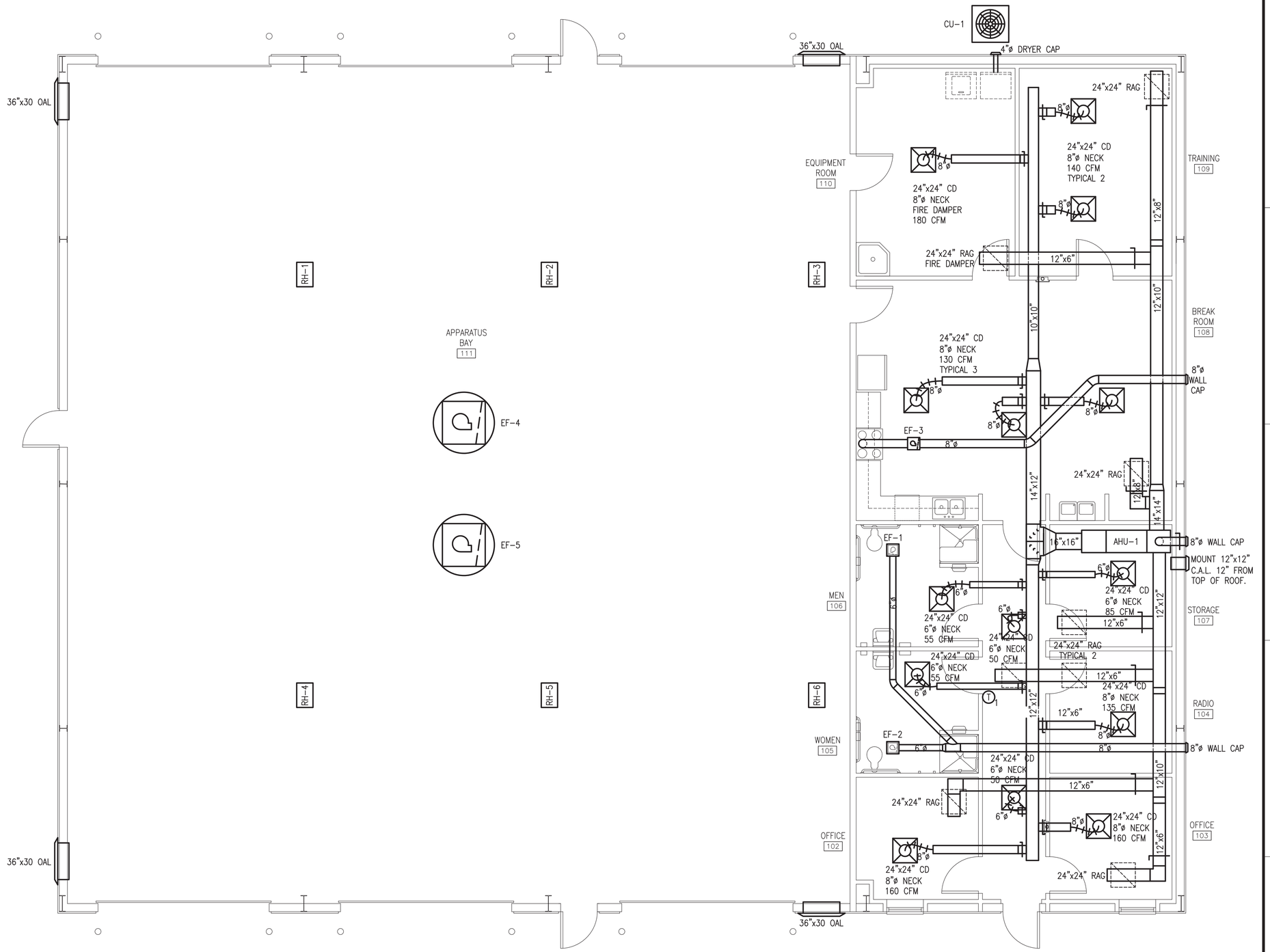
WASTE AND VENT RISER DIAGRAM

P1.5
SHEET .. OF ..



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

architecture jml

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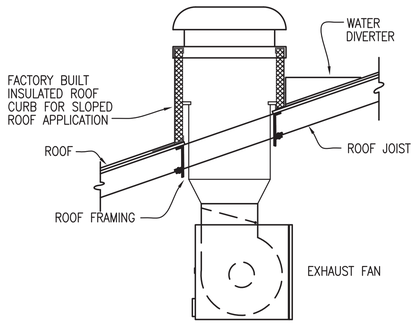
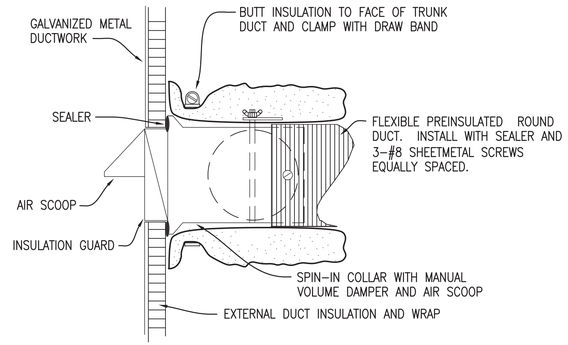
SHEET TITLE

HVAC PLAN

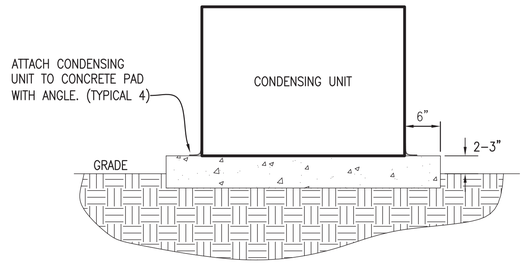
M1.1
SHEET 1 OF 5



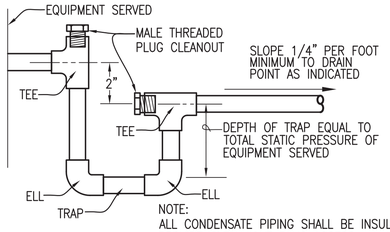
EXHAUST FAN\ROOF CAP DETAIL
NOT TO SCALE



ROUND DUCT TAP-IN MOUNTING DETAIL
NOT TO SCALE

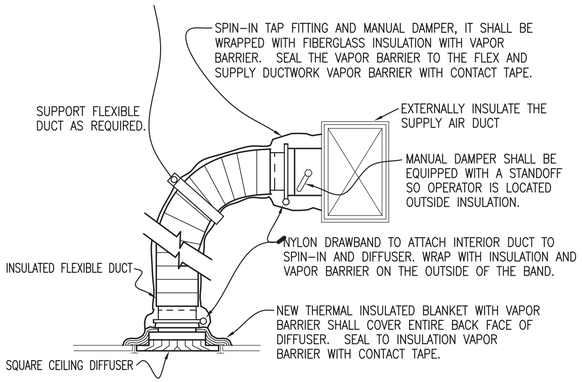


CONDENSING UNIT MOUNTING DETAIL
NOT TO SCALE

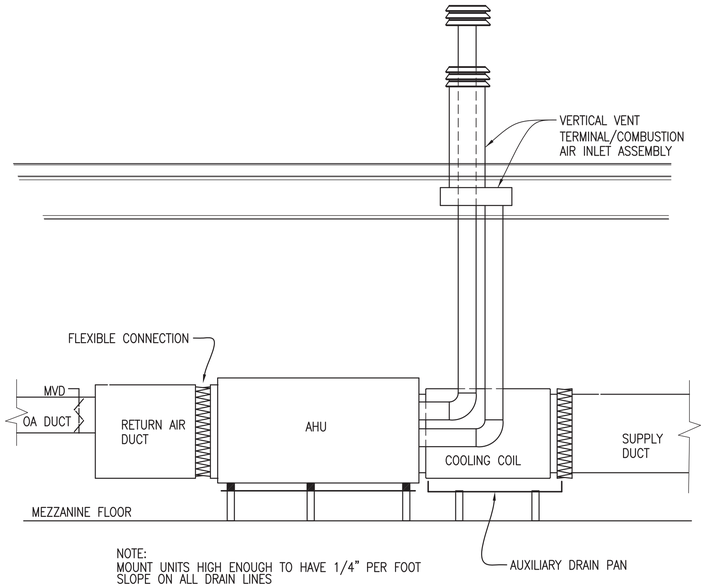


NOTE:
ALL CONDENSATE PIPING SHALL BE INSULATED.
PROVIDE CLEAN-OUT PLUG ACCESS.

TYPICAL CONDENSATE DRAIN DETAIL
NOT TO SCALE

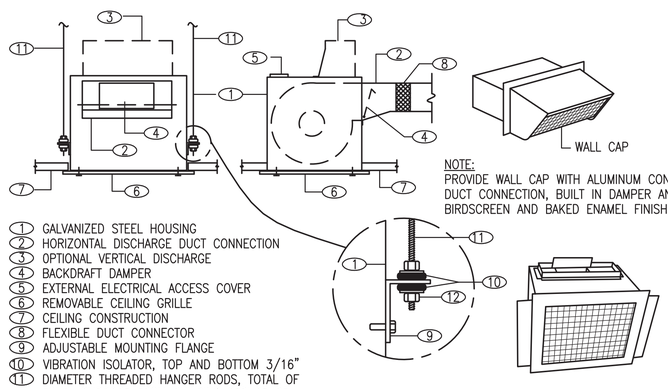


PANEL DIFFUSER DETAIL
NOT TO SCALE



NOTE:
MOUNT UNITS HIGH ENOUGH TO HAVE 1/4" PER FOOT SLOPE ON ALL DRAIN LINES

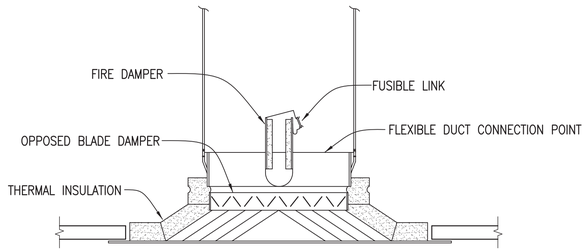
GAS FURNACE MOUNTING DETAIL
N.T.S.



NOTE:
PROVIDE WALL CAP WITH ALUMINUM CONSTRUCTION, DUCT CONNECTION, BUILT IN DAMPER AND BIRDSCREEN AND BAKED ENAMEL FINISH.

1. GALVANIZED STEEL HOUSING
2. HORIZONTAL DISCHARGE DUCT CONNECTION
3. OPTIONAL VERTICAL DISCHARGE
4. BACKDRAFT DAMPER
5. EXTERNAL ELECTRICAL ACCESS COVER
6. REMOVABLE CEILING GRILLE
7. CEILING CONSTRUCTION
8. FLEXIBLE DUCT CONNECTOR
9. ADJUSTABLE MOUNTING FLANGE
10. VIBRATION ISOLATOR, TOP AND BOTTOM 3/16"
11. DIAMETER THREADED HANGER RODS, TOTAL OF FOUR, SUPPORT FROM BUILDING STRUCTURE
12. NUT AND WASHER

CEILING EXHAUST FAN DETAIL
NOT TO SCALE



NOTES:
INSTALL AIR DEVICE IN STRICT ACCORDANCE WITH MANUFACTURER'S UL LISTED INSTALLATION REQUIREMENTS. THE DAMPER TO BE UL CLASSIFIED RADIATION (FIRE) DAMPERS FOR CEILING INSTALLATION.

FIRE RATED CEILING DIFFUSER\GRILLE DETAIL
NOT TO SCALE

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SHEET TITLE

HVAC DETAILS

M2.1
SHEET X OF X

FAN SCHEDULE

MARK	LOCATION	TYPE	DRIVE	PERFORMANCE DATA				ELECTRICAL				CONTROL	NOTES
				AIR FLOW CFM	E.S.P. IN. H_2O	MAXIMUM RPM	MAX. SONES	MAX. HP/WATTS	VOLTS	PHASE	Hz		
EF-1,2	RESTROOM	CF	DD	70	0.375	635	1.0	135 W	115	1	60	MOTION SENSOR WITH TIME DELAY	1,2,4,5
EF-3	BREAK ROOM	ILC	DD	150	0.375	825	1.6	125 W	115	1	60	HOOD SWITCH	1,2,3
EF-4	APPARATUS	ILC	BD	3500	0.375	395	8.4	0.75 HP	208	1	60	WALL SWITCH	1,2
EF-5	APPARATUS	ILC	BD	3500	0.375	395	8.4	0.75 HP	208	1	60	THERMOSTAT	1,2

FAN SCHEDULE LEGEND
BD – BELT DRIVE
CF – CABINET FAN
DD – DIRECT DRIVE
EF – EXHAUST FAN
ESP – EXTERNAL STATIC PRESSURE
ILC – INLINE CENTRIFUGAL FAN

FAN NOTES
1. ALL EXHAUST FANS SHALL BE INSTALLED WITH FLEXIBLE DUCT CONNECTION, VIBRATION ISOLATORS AND FLEXIBLE CONDUIT. FAN SHALL NOT BE IN CONTACT WITH ANY OTHER DUCT, PIPING, CONDUIT OR STRUCTURAL MEMBERS.
2. THE FANS SHALL BE PROVIDED WITH BACKDRAFT DAMPERS.
3. THE ROOF MOUNTED FANS SHALL BE PROVIDED WITH PREFABRICATED ROOF CURBS AND BACKDRAFT DAMPER.
4. ALL DIRECT DRIVE FANS WITH MOTORS LESS THEN 1/2 HP SHALL BE PROVIDED WITH AN ADJUSTABLE ELECTRONIC SPEED CONTROLLER.
5. PROVIDE WALL MOUNTED MOTION SENSOR WITH TIME DELAY.

INFARED HEATER UNIT SCHEDULE

MARK	ELECTRICAL DATA			HEATING DATA		REMARKS
	VOLTS	PHASE	HERTZ	FUEL	HEATING BTU/H	
RH-1, 2, 3, 4, 5, 6	120	1	60	NAT. GAS	30000	–

INFARED UNIT HEATER SCHEDULE NOTES:
AUTOMATIC IGNITION/REIGNATION OF A CYCLING PILOT THROUGH A SOILD STATE DIRECT SPARK IGNITION SYSTEM. LOSS OF GAS OR POWER SUPPLY CAUSES 100% SHUT-OFF OF MAIN AND PILOT BURNER. THERMOSTATICALLY CONTROLLED.

GAS FIRED FURNACE WITH DX COIL

MARK	TYPE	FAN DATA							DIRECT EXPANSION COOLING COIL DATA								GAS FURNACE				FILTER DATA			REMARKS
		TOTAL AIR CFM	OUTSIDE AIR CFM	E.S.P. INCHES H_2O	FAN MOTOR HP	ELECTRICAL DATA			MAX. FACE VEL FPM	TOT. COOLING CAP. MBTU/HR	LATENT COOLING CAP. MBTU/HR	ENTERING AIR TEMP.		LEAVING AIR TEMP.		GAS TYPE	INPUT MBTU/HR	% EFFICIENCY	FLUE SIZE INCH	MAX. FACE VEL. FPM	TYPE	THICK	
						VOLTS	PHASE	HERTZ				°Fdb	°Fwb	°Fdb	°Fwb								
GF-1	HDZ	1600	200	0.9	0.75	120	1	60	500	48.0	12.0	80.0	67.0	55.0	55.0	NAT. GAS	80.0	80	4"ø	350	T-AWAY	1"	

NOTES:
HDT – HORIZONTAL DRAW THRU
MTZ – MULTI-ZONE

ADJUST LOCATION OF UNITS IN MECHANICAL ROOMS AS REQUIRED FOR SERVICE AS RECOMMENDED BY MANUFACTURER.

CONDENSING UNIT SCHEDULE

MARK	DESIGN COOLING		REF. TYPE	COMPRESSORS		FANS		ELECTRICAL			REMARKS
	TOTAL MBTU/HR	AMBIENT °F		NO.	RLA EACH	NO.	FLA EACH	VOLTS	PHASE	HZ	
CU-1	48.0	95	410A	1	21.2	1	1.1	230	1	60	

MECHANICAL LEGEND

WxH — RECTANGULAR DUCTWORK, SIZES SHOWN ARE INTERNAL CLEAR DIMENSIONS. (WIDTH x HEIGHT) FIRST FIGURE IS SIDE SHOWN.

DUCT SECTION, POSITIVE PRESSURE, FIRST FIGURE IS TOP DIMENSION

DUCT SECTION, NEGATIVE PRESSURE, FIRST FIGURE IS TOP DIMENSION

ROUND BRANCH DUCT TAKEOFF FROM RECTANGULAR DUCT MAIN. BRANCH DUCT SHALL BE FLEXIBLE ROUND DUCT OR ROUND SNAPLOCK DUCT AS INDICATED. ROUND DUCT TAP IN SHALL BE MADE WITH SPIN-IN COLLAR WITH MANUAL VOLUME DAMPER.

8"ø — ROUND SNAPLOCK GALVANIZED STEEL DUCTWORK, EXTERNALLY INSULATED, SMACNA STATIC PRESSURE CONSTRUCTION CLASS 1/2" w.g., SEAL CLASS C. SIZE SHOWN IS SHEET METAL DIAMETER.

FACTORY FABRICATED/INSULATED FLEXIBLE ROUND DUCT, SIZE SHOWN IS INSIDE DIAMETER.

SQUARE THROAT ELBOW IN RECTANGULAR DUCT WITH DOUBLE WALL TURNING VANES.

LONG RADIUS ELBOW IN RECTANGULAR DUCT.

T — THERMOSTAT, MOUNT 48" A.F.F.

H — HUMIDISTAT, MOUNT 48" A.F.F.

S — DUCT MOUNTED SMOKE DETECTOR

MANUAL VOLUME DAMPER, PROVIDE WITH LOCKING QUADRANT

8"ø CD
230 CFM — CEILING DIFFUSER WITH 24"x24" FACE SIZE DESIGNED FOR LAY-IN INSTALLATION IN 24"x24" T-BAR CEILING GRID. ROUND NECK SIZE AND AIRFLOW AS INDICATED. 360° DIRECTION OF THROW. PROVIDE WITH OPPOSED BLADE VOLUME CONTROL DAMPER. BACK FACE OF DIFFUSER SHALL HAVE INSULATION BLANKET.

RETURN AIR GRILLE, NECK SIZE AS INDICATED.

IN-LINE CENTRIFUGAL FAN WITH BACK DRAFT DAMPER.

CENTRIFUGAL FAN WITH INTEGRAL GRILLE AND BACK DRAFT DAMPER.

HVAC GENERAL NOTES

1. INSTALL A COMPLETE AND OPERABLE MECHANICAL SYSTEM AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
2. CONTRACT DOCUMENT DRAWINGS FOR MECHANICAL WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY.
3. INSTALL ALL MECHANICAL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, CONTRACT DOCUMENTS AND APPLICABLE CODES AND REGULATIONS.
4. COORDINATE EQUIPMENT CLEARANCES (AS RECOMMENDED BY MANUFACTURER) WITH ALL DISCIPLINES BEFORE INSTALLATION.
5. COORDINATE AND PROVIDE ALL DUCTS AND PIPING TRANSITION REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT, VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION.
6. CONCRETE HOUSEKEEPING PADS TO SUIT MECHANICAL EQUIPMENT, MINIMUM CONCRETE PAD THICKNESS SHALL BE 6". PAD SHALL EXTEND BEYOND THE EQUIPMENT A MINIMUM OF 6" ON ALL SIDES.
7. PROVIDE ACCESS PANELS FOR INSTALLATION IN WALLS AND CEILINGS, WHERE REQUIRED, TO SERVICE DAMPERS, VALVES, SMOKE DETECTORS AND OTHER CONCEALED MECHANICAL EQUIPMENT.
8. PROVIDE ACCESS DOORS IN DUCTWORK TO PROVIDE ACCESS FOR ALL SMOKE DETECTORS, FIRE DAMPERS, SMOKE DAMPERS VOLUME DAMPERS, HUMIDIFIERS, COILS AND OTHER ITEMS LOCATED IN THE DUCTWORK THAT REQUIRE SERVICE AND/OR INSPECTION.
9. ALL EQUIPMENT, PIPING, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED, SPECIFIED AND REQUIRED TO PROVIDE A VIBRATION-FREE INSTALLATION.
10. LOCATIONS AND SIZES OF ALL FLOOR, WALL AND ROOF OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED.
11. ALL OPENINGS IN FIRE WALL DUE TO DUCTWORK, PIPING, CONDUIT, ETC., SHALL BE FIRE STOPPED WITH AN APPROVED PRODUCT.
12. ALL EQUIPMENT REQUIRING CONDENSATE DRAIN LINES SHALL BE PIPED FULL SIZE OF THE UNIT DRAIN OUTLET, WITH "P" TRAP AND PIPED TO THE NEAREST DRAIN AS INDICATED.
13. REFER TO TYPICAL DETAILS FOR DUCTWORK, PIPING AND EQUIPMENT INSTALLATION.
14. THERMOSTATS INDICATED ADJACENT TO DOORWAYS SHALL BE LOCATED WITHIN 18" OF JAMB AT LOCATIONS WITH LIGHT SWITCHES AND MOUNT THERMOSTAT 48" AFF. LOCATE THERMOSTAT SUCH THAT LIGHT SWITCH IS BETWEEN THERMOSTAT AND JAMB. VERIFY THERMOSTAT LOCATION WITH SYSTEM FURNITURE LAYOUT PRIOR TO INSTALLING THERMOSTATS.
15. ALL DUCTWORK DIMENSIONS, AS SHOWN ON THE DRAWINGS, ARE INTERNAL CLEAR DIMENSIONS AND DUCT SIZE SHALL BE INCREASED TO COMPENSATE FOR DUCT LINING THICKNESS.
16. PROVIDE ALL 90-DEGREE SQUARE ELBOWS WITH DOUBLE RADIUS TURNING VANES. PROVIDE ACCESS DOORS UPSTREAM OF ALL ELBOWS WITH TURNING VANES.
17. COORDINATE DIFFUSER, REGISTER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS, LIGHTING AND OTHER CEILING MOUNTED EQUIPMENT AND MAKE DUCT MODIFICATION TO SUIT.
18. EXTERIOR LOUVERS ARE INDICATED FOR INFORMATION ONLY. LOUVER DIMENSIONS INDICATED DOES NOT INCLUDE FRAME OR FLANGES. APPROXIMATE ROUGH OPENING IN WALL ASSEMBLY IS INDICATED ON ARCHITECTURAL.
19. AVOID ROUTING DUCTWORK AND MECHANICAL EQUIPMENT OVER LIGHTS WHEREVER POSSIBLE. MAINTAIN MINIMUM 6" CLEARANCE BETWEEN MECHANICAL EQUIPMENT AND DUCT INSULATION TO TOP OF LIGHTS. PROVIDE CLEARANCE AND ACCESS ALL AROUND AND BELOW MECHANICAL EQUIPMENT AS REQUIRED FOR ROUTINE MAINTENANCE.
20. SEAL ALL DUCT PENETRATIONS OF WALLS AIRTIGHT, REGARDLESS OF WHETHER WALLS ARE FIRE RATED OR NOT.
21. ALL AIR INTAKES OPENING TO EXTERIOR SHALL HAVE A MIN 10'-0" CLEARANCE FROM ANY EXHAUST OPENING TO PREVENT RECIRCULATION.
22. MOUNT DUCTWORK AS HIGH AS POSSIBLE WHERE EXPOSED, UNLESS OTHER WISE NOTED.
23. ALL ROUND FLEXIBLE DUCT SHALL BE FACTORY PREINSULATED THERMOFLEX OR EQUAL. MAXIMUM LENGTH OF ANY FLEXIBLE DUCT RUNOUT SHALL BE 8'-0". WHERE LENGTH REQUIRED EXCEEDS 8'-0", INSTALL EXTERNALLY INSULATED ROUND SNAPLOCK DUCT FOR BALANCE OF DISTANCE TO SPIN-IN TAP AT MAIN DUCT TRUNK.
24. ALL SUPPLY AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED WITH 2" R-6 INSULATION.
25. ALL RETURN AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G., SEAL CLASS A, EXTERNALLY INSULATED 2" R-6 INSULATION.
26. ALL OUTSIDE AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1" W.G., SEAL CLASS A, EXTERNALLY INSULATED 2" R-6 INSULATION.
27. EXHAUST AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1/2" W.G., SEAL CLASS A, EXTERNALLY INSULATED 2" R-6 INSULATION.

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SHEET TITLE
HVAC SCHEDULES

M3.1
SHEET X OF X

WARNING

Arc Flash Hazard
Appropriate PPE Required

Do not operate controls or open covers without appropppriate personal protection equipment.
Failure to comply may result in injury or death!

REFER TO NFPA 70E FOR MINIMUM PPE REQUIREMENTS

TYPICAL ARC FLASH HAZARD LABEL DETAIL

NOT TO SCALE

ARC FLASH LABEL DETAIL NOTES:

1. PROVIDE SELF-ADHESIVE VINYL LABEL TO AFFIX TO ALL PANEL AND SWITCHBOARDS IN ACCORDANCE WITH NEC 110.16 AND NFPA 70E.
2. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, VENDOR, OR CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL PANELS AND SWITCHBOARDS ARE LABELED IN THE FIELD.
3. THE LABEL SHALL BE LOCATED ON THE EQUIPMENT TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

1/2" LETTERS

PANEL LA

208Y/120 VOLTS
3 PHASE 4 WIRE
SERVED FROM PANEL MP
IN ELEC RM
10,000 AIC RATING

1/4" LETTERS

TYPICAL ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL

NOT TO SCALE

ELECTRICAL EQUIPMENT IDENTIFICATION DETAIL NOTES:

1. MECHANICALLY AFFIX NAMEPLATE TO PANELBOARDS, CONTROL PANELS, MOTOR CONTROL CENTERS, DISCONNECTS, STARTERS OR SIMILAR DEVICES.
2. LETTERS SHALL BE WHITE ON BLACK BACKGROUND; SIZE OF LETTERS INDICATED ON DETAIL.
3. INFORMATION IN LABEL IS A GENERIC EXAMPLE – DESIGNATE EQUIPMENT IN A SIMILAR WAY USING RELEVANT INFORMATION (NAME OF PANEL, VOLTS, PHASE, LOCATION, AIC RATING ETC.) ACCORDING TO EACH INDIVIDUAL LOCATION OF EQUIPMENT.

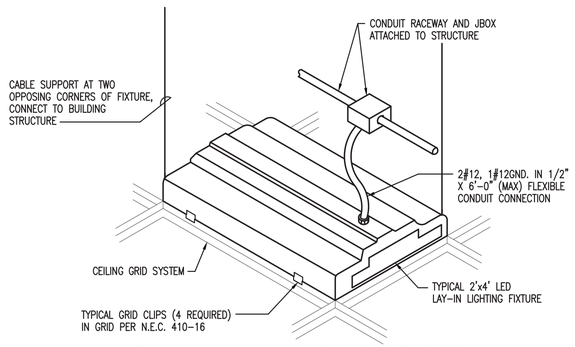
MANUFACTURERS CONSIDERED EQUAL MUST SUBMIT TO ENGINEER 10 DAYS PRIOR TO BID FOR APPROVAL.

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG No. (or approved equal)	LAMPS No.	LAMPS TYPE	MOUNTING	REMARKS
HB	H.E. WILLIAMS GH-4-L240-840-FA-(L200)-DIM-UNV		178W LED ARRAY 24000 LUMENS/40000K	PENDANT 15'-0" AFF	4 FT LED COMPACT MODULAR HIGH BAY, 120V
HBE	H.E. WILLIAMS GH-4-L120-840-HA-FP-DIM-UNV-EM/12W		178W LED ARRAY 24000 LUMENS/40000K	PENDANT 15'-0" AFF	4 FT LED COMPACT MODULAR HIGH BAY, 120V, EMERGENCY UNIT BATTERY PACK
LT	H.E. WILLIAMS LT-24-L40-835-AF-DIM-UNV		32W LED ARRAY 4000 LUMENS/35000K	CEILING RECESSED	2X4 RECESSED LED TROFFER, 120V
LTE	H.E. WILLIAMS LT-24-L40-835-AF-DIM-UNV-EM/10W		32W LED ARRAY 4000 LUMENS/35000K	CEILING RECESSED	2X4 RECESSED LED TROFFER, 120V, EMERGENCY UNIT BATTERY PACK
LTA	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV		37W LED ARRAY 5200 LUMENS/35000K	CEILING RECESSED	2X4 RECESSED LED TROFFER, 120V
LTAE	H.E. WILLIAMS LT-24-L52-835-AF-DIM-UNV-EM/10W		37W LED ARRAY 5200 LUMENS/35000K	CEILING RECESSED	2X4 RECESSED LED TROFFER, 120V, EMERGENCY UNIT BATTERY PACK
LW	H.E. WILLIAMS 17-4-L55/835-AF-DIM-UNV		53W LED ARRAY 5500 LUMENS/35000K	PENDANT @ 8'-0" AFF	4 FT LED WRAP FIXTURE, 120V
SH	H.E. WILLIAMS 6DR-TL-L15-835-DIM-UNV-OW-OF-CS-WET-CC-N-F1		14W LED ARRAY 1500 LUMENS/35000K	CEILING RECESSED	6" LED SHOWER LIGHT WITH DROP OPAL GLASS LENS, 120V
WB	H.E. WILLIAMS VWPH-L30-740-T3-SDGL-DIM-UNV		36W LED ARRAY 3000 LUMEN/4000K	WALL @ 9'-0" AFF	WALL MOUNTED LED AREA LIGHT, 120V
WBE	H.E. WILLIAMS VWPH-L30-740-T3-SDGL-DIM-UNV-EM/4W		36W LED ARRAY 3000 LUMEN/4000K	WALL @ 9'-0" AFF UNO	WALL MOUNTED LED AREA LIGHT, 120V, EMERGENCY UNIT BATTERY PACK
WP	H.E. WILLIAMS VWPH-L60-740-T3-SDGL-DIM-UNV-PC		94W LED ARRAY 6000 LUMEN/4000K	WALL @ 14'-0" AFF	WALL MOUNTED LED AREA LIGHT, 120V
WPE	H.E. WILLIAMS VWPH-L60-740-T3-SDGL-DIM-UNV-PC-EM/4W		94W LED ARRAY 6000 LUMEN/4000K	WALL @ 14'-0" AFF	WALL MOUNTED LED AREA LIGHT, 120V, EMERGENCY UNIT BATTERY PACK
X	WILLIAMS EXIT-R-WHT		LED	WALL ABOVE DOOR	LED EXIT LIGHT WITH THERMOPLASTIC HOUSING, PROVIDE DIRECTIONAL ARROWS AS INDICATED, 120V

ELECTRICAL GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO KITCHEN EQUIPMENT, MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
2. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
3. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
4. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
5. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, DISCONNECTS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
6. GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
7. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
8. FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
9. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
10. THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS/DISCREPANCIES BETWEEN DISCIPLINES BEFORE ORDERING EQUIPMENT/MATERIALS.
11. ALL CONDUCTORS INDICATED ON PLAN SHALL BE COPPER.



TYPICAL LAY-IN FIXTURE DETAIL

NOT TO SCALE

ELECTRICAL LEGEND

CEILING OUTLETS

"A" RECESSED 2' X 4' FLUORESCENT FIXTURE MARK "A"

CEILING SURFACE MOUNTED 4 FT LONG LIGHT FIXTURE

SURFACE MOUNTED LED HIGH BAY LIGHT FIXTURE

J JUNCTION BOX

CEILING RECESSED MOUNTED LIGHTING FIXTURE

CEILING SURFACE MOUNTED EXIT LIGHT; PROVIDE DIRECTION ARROW AS INDICATED EXISTING TO REMAIN

EF EXHAUST FAN

BRANCH CIRCUITING

RUN CONCEALED UNDER FLOOR

RUN CONCEALED IN CEILING OR WALLS

LA-1 HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2 #12, 1 #12 GROUND – 3/4" C; 3 #12, 1 #12 GROUND – 1/2" C; 4 #12, 1 #12 GROUND – 3/4" C; ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMBER.

AT CONTRACTOR'S OPTION; MC CABLE MAY BE USED IN LIEU OF EMT SUBJECT TO NEC CODE RESTRICTIONS

LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION

SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES

WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)

S A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT

S3 A.C. TYPE, 3 WAY, 20 AMP, 120/277 VOLT

S4 A.C. TYPE, 4 WAY, 20 AMP, 120/277 VOLT

S_{RD} WALL MOUNTED OCCUPANCY SENSOR; DUAL TYPE (INFRARED AND ULTRASONIC) TECHNOLOGY; MOUNT 48" AFF TO C/L; EQUAL TO WATTSTOPPER DW-100

WALL OUTLETS

RECESSED JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION

WALL MOUNTED EXIT LIGHT

WALL MOUNTED LIGHT FIXTURE

DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE

QUADRAPLEX (DOUBLE) RECEPTACLE – 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE

G DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE

WP DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE

DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER

G DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 6" ABOVE COUNTER

DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 26" AFF TO C/L FOR DRINKING FOUNTAIN

250V RECEPTACLE FOR OWNER FURNISHED AUTOCLAVE EQUIPMENT – VERIFY OUTLET TYPE, POLES, ETC. AND LOCATION WITH OWNER'S KITCHEN EQUIPMENT PRIOR TO ROUGH-IN.

250V RECEPTACLE; 4 WIRE; MT 14" AFF TO C/L; NEMA 10-30R; HUBBELL SERIES 9350

COMMUNICATIONS SYSTEMS

COMMUNICATIONS OUTLET AT 18" AFF; STUB 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING.

C TELECOMMUNICATIONS OUTLET AT 6" ABOVE COUNTER; STUB 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING

OCCUPANCY SENSORS AND RELAYS

360° CEILING MOUNTED OCCUPANCY SENSOR WITH DUAL TECHNOLOGY (INFRARED AND ULTRASONIC) WATTSTOPPER DT-300-1

P POWER PACK RELAY EQUAL TO WATTSTOPPER BZ150; INSTALL IN ACCESSIBLE LOCATION FOR MAINTENANCE PURPOSES

PANELS AND POWER

120/208 VOLT SURFACE MOUNTED PANELBOARD

NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING

MISCELLANEOUS

A.F.F. ABOVE FINISH FLOOR

WP WEATHERPROOF

U.N.O. UNLESS NOTED OTHERWISE

GARAGE DOOR OPENER PUSHBUTTON

CO CARBON MONOXIDE SYSTEM DETECTOR; VERIFY LOCATION WITH HVAC CONTRACTOR PRIOR TO ROUGH-IN; CONNECT ALL DETECTORS TOGETHER FOR COMMON ALARM AND CONNECT TO 120V CIRCUIT FOR POWER

1/2 ELECTRIC MOTOR; NUMERAL IN CIRCLE INDICATES HORSEPOWER RATING

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PROFESSIONAL
4-20-2022
ENGINEER
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A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	APRIL 20, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO:	21-20
DRAWN BY:	Quinn Yates
CHECKED BY:	Quinn Yates

SHEET TITLE

ELECTRICAL LEGEND, NOTES & DETAILS

E0.1
SHEET . OF .

120/240 VOLT 1ø 3W
400 AMP MAIN BREAKER

CIRCUIT BREAKER PANEL SCHEDULE
PANEL MP

SURFACE MOUNTED

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA	LOAD KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	DRYER	2	30	4.50	1.66	20	2	EF-4 (3/4HP)	2
3	↑	↑	↑	↑	↑	↑	↑	↑	4
5	RANGE	2	50	11.0	1.66	20	2	EF-5 (3/4HP)	6
7	↑	↑	↑	↑	↑	↑	↑	↑	8
9	PARKING LOT LIGHTS	2	20	.64	2.5	20①	2	GENERATOR BLOCK HEATER	10
11	↑	↑	↑	↑	↑	↑	↑	↑	12
13	SPARE	2	100		2.0	20①	2	GENERATOR BATTERY CHARGER	14
15	↑	↑	↑	↑	↑	↑	↑	↑	16
17	SPARE	2	30			--	1	SPACE	18
19	↑	↑	↑	↑	↑	--	1	SPACE	20
21	SPACE	1	--			--	1	SPACE	22
23	SPACE	1	--			--	1	SPACE	24
25	SPACE	1	--			--	1	SPACE	26
27	SPACE	1	--			--	1	SPACE	28
29	SPACE	1	--			--	1	SPACE	30
31	SPACE	1	--			--	1	SPACE	32
33	SPACE	1	--			--	1	SPACE	34
35	SPACE	1	--			--	1	SPACE	36
37	SPACE	1	--			--	1	SPACE	38
39	PANEL L1	2	125	14.40	23.37	200	2	PANEL EM VIA ATS	40
41	↑	↑	↑	↑	↑	↑	↑	↑	42

TOTAL CONNECTED LOAD: 61.73 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

① HACR RATED BREAKER; VERIFY SIZE REQUIRED FOR EQUIPMENT FURNISHED

120/240 VOLT 1ø 3W
225 AMP M.L.O.

CIRCUIT BREAKER PANEL SCHEDULE
PANEL EM

SURFACE MOUNTED

CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA	LOAD KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	LTS-EQUIP RM,TRAINING,BREAK	1	20	.56	.36	20	1	REC-RADIO ROOM	2
3	LTS-OFFICES,RADIO,MEN,WOMEN	1	20	.78	.36	20	1	REC-RADIO ROOM	4
5	LTS-APPARATUS BAY	1	20	1.44	.36	20	1	REC-RADIO ROOM	6
7	LTS-APPARATUS BAY	1	20	1.44	.36	20	1	REC-RADIO ROOM	8
9	LTS-EXTERIOR WALL	1	20	.84	.36	20	1	REC-RADIO ROOM	10
11	REFRIGERATOR	1	20	.72	.36	20	1	REC-RADIO ROOM	12
13	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	.36	20	1	REC-RADIO ROOM	14
15	↑	↑	↑	↑	.72	20	1	REC-OFFICE	16
17	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	.72	20	1	REC-OFFICE	18
19	↑	↑	↑	↑	1.66	25	1	GF-1	20
21	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	5.35	40①	2	CU-1	22
23	↑	↑	↑	↑	↑	↑	↑	↑	24
25	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	.50	20	1	REC-TBB	26
27	↑	↑	↑	↑	↑	20	1	SPARE	28
29	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	↑	20	1	SPARE	30
31	↑	↑	↑	↑	↑	20	1	SPARE	32
33	GARAGE DOOR OPENER (1/2HP)	2	20	1.02	↑	--	1	SPACE	34
35	↑	↑	↑	↑	↑	--	1	SPACE	36
37	SPACE	1	--		↑	--	1	SPACE	38
39	SPACE	1	--		↑	--	1	SPACE	40
41	SPACE	1	--		↑	--	1	SPACE	42

TOTAL CONNECTED LOAD: 23.37 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

① VERIFY BREAKER SIZE WITH EQUIPMENT FURNISHED

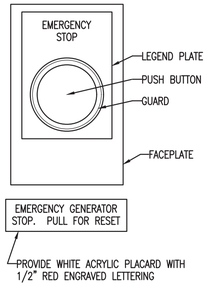
120/240 VOLT 1ø 3W
125 AMP M.L.O.

CIRCUIT BREAKER PANEL SCHEDULE
PANEL LI

FLUSH MOUNTED

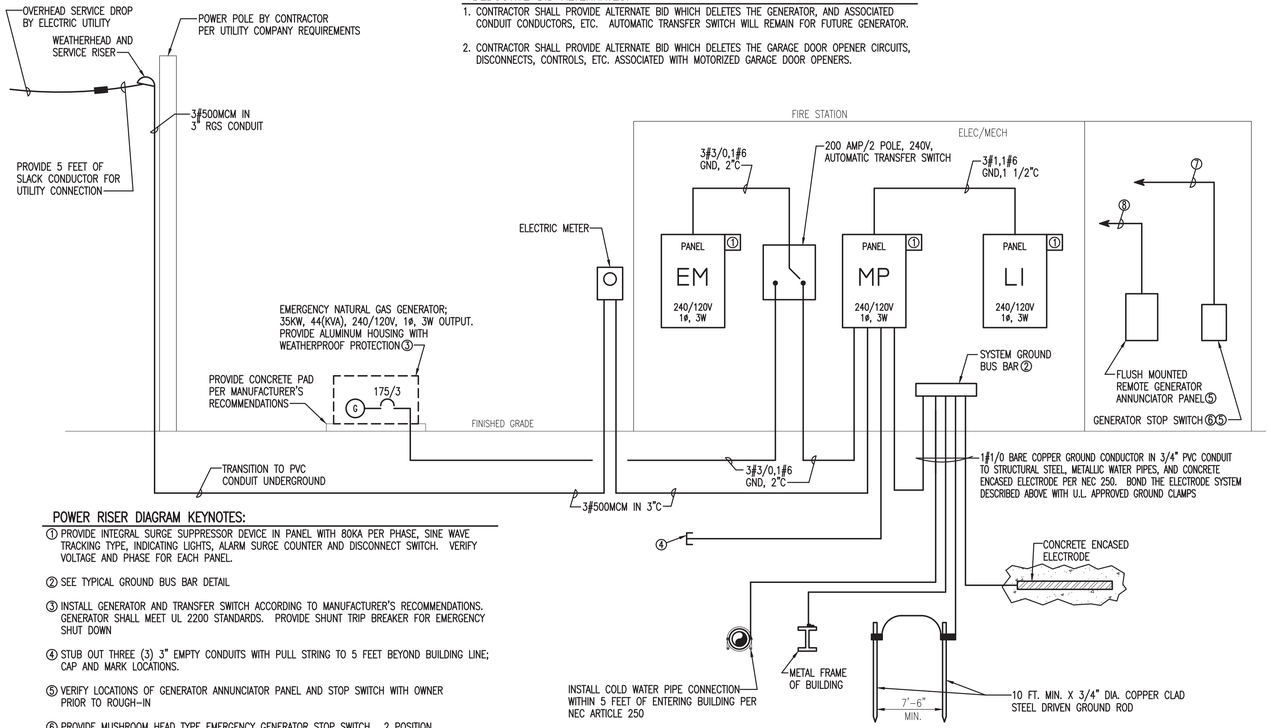
CKT	LOAD DESCRIPTION	BREAKER POLE	BREAKER AMP	LOAD KVA	LOAD KVA	BREAKER AMP	BREAKER POLE	LOAD DESCRIPTION	CKT
1	REC-STORAGE,CORR	1	20	1.26	.50	20	1	REC-GAS RANGE,HOOD VENT	2
3	REC-MEN,WOMEN	1	20	.36	.90	20	1	REC-BREAK RM	4
5	DRINK FOUNTAIN	1	20	1.20	.90	20	1	REC-TRAINING	6
7	REC-BREAK RM COUNTER	1	20	.54	.90	20	1	REC-TRAINING	8
9	REC-BREAK RM COUNTER	1	20	.54	.72	20	1	REC-EQUIP RM	10
11	REC-DISHWASHER	1	20	.72	.72	20	1	REC-WASHER	12
13	OVERHEAD CORD REEL	1	20	.50	.72	20	1	REC-APPARATUS BAY	14
15	OVERHEAD CORD REEL	1	20	.50	.90	20	1	REC-APPARATUS BAY	16
17	OVERHEAD CORD REEL	1	20	.50	.30	20	1	GAS HEATERS APPARATUS BAY	18
19	OVERHEAD CORD REEL	1	20	.50	.30	20	1	GAS HEATERS APPARATUS BAY	20
21	GAS WATER HEATER	1	20	.20	.72	20	1	REC-APPARATUS BAY	22
23	SPARE	1	20			20	1	SPARE	24
25	SPARE	1	20			20	1	SPARE	26
27	SPARE	1	20			20	1	SPARE	28
29	SPARE	1	20			20	1	SPARE	30
31	SPACE	1	--			--	1	SPACE	32
33	SPACE	1	--			--	1	SPACE	34
35	SPACE	1	--			--	1	SPACE	36
37	SPACE	1	--			--	1	SPACE	38
39	SPACE	1	--			--	1	SPACE	40
41	SPACE	1	--			--	1	SPACE	42

TOTAL CONNECTED LOAD: 14.40 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL



GENERATOR STOP/PUSH BUTTON DETAIL

NOT TO SCALE



POWER RISER DIAGRAM KEYNOTES:

① PROVIDE INTEGRAL SURGE SUPPRESSOR DEVICE IN PANEL WITH 80KA PER PHASE, SINE WAVE TRACKING TYPE, INDICATING LIGHTS, ALARM SURGE COUNTER AND DISCONNECT SWITCH. VERIFY VOLTAGE AND PHASE FOR EACH PANEL.

② SEE TYPICAL GROUND BUS BAR DETAIL

③ INSTALL GENERATOR AND TRANSFER SWITCH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. GENERATOR SHALL MEET UL 2200 STANDARDS. PROVIDE SHUNT TRIP BREAKER FOR EMERGENCY SHUT DOWN

④ STUB OUT THREE (3) 3" EMPTY CONDUITS WITH PULL STRING TO 5 FEET BEYOND BUILDING LINE; CAP AND MARK LOCATIONS.

⑤ VERIFY LOCATIONS OF GENERATOR ANNUNCIATOR PANEL AND STOP SWITCH WITH OWNER PRIOR TO ROUGH-IN

⑥ PROVIDE MUSHROOM HEAD TYPE EMERGENCY GENERATOR STOP SWITCH. 2 POSITION, MAINTAINED CONTACT, NON-ILLUMINATED MUSHROOM PUSH/PULL BUTTON WITH "EMERGENCY STOP" LEGEND PLATE AND PROTECTIVE GUARD. SEE PUSH BUTTON SWITCH DETAIL. SHUT DOWN OF THE GENERATOR SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS BY THE MANUAL STOP STATION THROUGH THE GENERATOR CONTROLS AS REQUIRED BY NFPA 110, 5.6.5.6.

⑦ HOMERUN 2#12,1#12 GND IN 3/4"C TO SHUNT TRIP BREAKER IN GENERATOR

⑧ HOMERUN GENERATORS MANUFACTURER'S APPROVED CONTROL CABLE IN 1 1/4"C

POWER RISER DIAGRAM

NOT TO SCALE

DEDUCTIVE BID ALTERNATES:

1. CONTRACTOR SHALL PROVIDE ALTERNATE BID WHICH DELETES THE GENERATOR, AND ASSOCIATED CONDUIT CONDUCTORS, ETC. AUTOMATIC TRANSFER SWITCH WILL REMAIN FOR FUTURE GENERATOR.

2. CONTRACTOR SHALL PROVIDE ALTERNATE BID WHICH DELETES THE GARAGE DOOR OPENER CIRCUITS, DISCONNECTS, CONTROLS, ETC. ASSOCIATED WITH MOTORIZED GARAGE DOOR OPENERS.

POWER RISER DIAGRAM GENERAL NOTES:

- COORDINATE UTILITY LOCATIONS WITH UTILITY COMPANY PRIOR TO SUBMITTING BID. CONTRACTOR SHALL PAY FOR ALL ASSESSMENTS, SERVICE CHARGES, FEES, ETC. FROM THE UTILITY COMPANY FOR SERVICE REQUIREMENTS.

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A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

OWNER:

CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

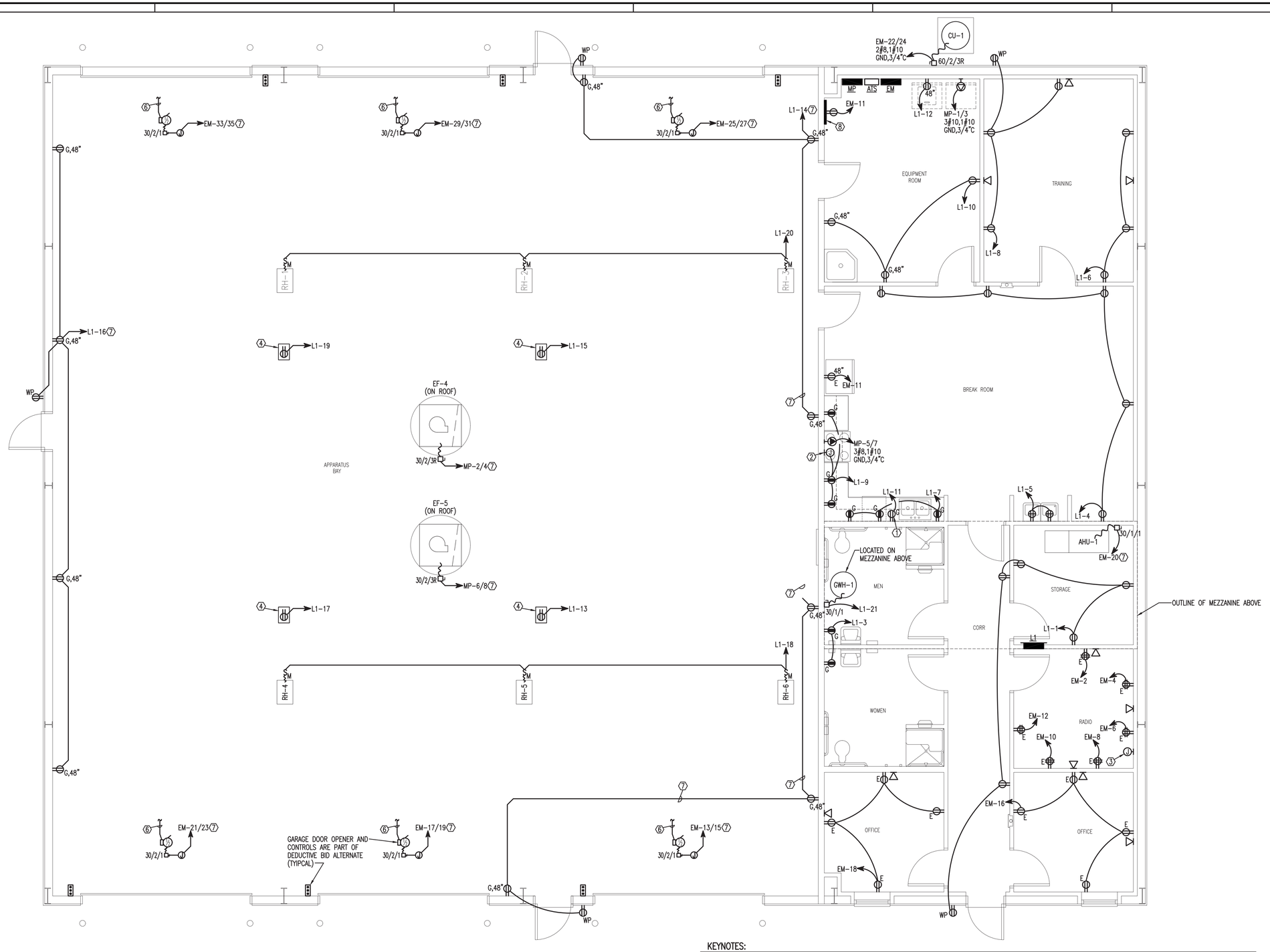
ISSUE:	APRIL 20, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO:	21-20
DRAWN BY:	Quinn Yates
CHECKED BY:	Quinn Yates

SHEET TITLE

POWER RISER DIAGRAM AND SCHEDULES

E0.2
SHEET . OF .



POWER & SIGNAL PLAN
SCALE: 1/4"=1'-0"

KEYNOTES:

1. RECEPTACLE MOUNTED BELOW COUNTER FOR DISHWASHER; COORDINATE LOCATION WITH CASEWORK INSTALLER PRIOR TO ROUGH-IN
2. JUNCTION BOX FOR HOOD VENT ABOVE RANGE
3. INSTALL 3" CONDUIT WITH PULL WIRE UP TO ABOVE MEZZANINE FOR OWNER FURNISHED RADIO EQUIPMENT CONDUCTORS; INSTALL INSULATED BUSHINGS AT EACH END. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN
4. RECEPTACLE FOR OVERHEAD ELECTRIC POWER CORD; VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
5. DISCONNECT FOR GARAGE DOOR OPENER; VERIFY EXACT LOCATION OF DOOR OPENER IN FIELD PRIOR TO ROUGH-IN.
6. INSTALL DOOR CONTROLLER CONDUCTORS IN CONDUIT TO DOOR CONTROLLER
7. 2#10,1#10 GND,3/4"C
8. TELEPHONE BACKBOARD, 2 FT. WIDE X 4 FT. HIGH X 3/4" EXTERIOR PLYWOOD. PAINT TWO COATS FIRE RETARDANT PAINT. INSTALL ONE No. 6 COPPER GROUND CONDUCTOR IN 3/4" CONDUIT TO BUILDING GROUND, LEAVE 4 FT. SLACK CONDUCTOR AT BACKBOARD.

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ASHFORD, ALABAMA

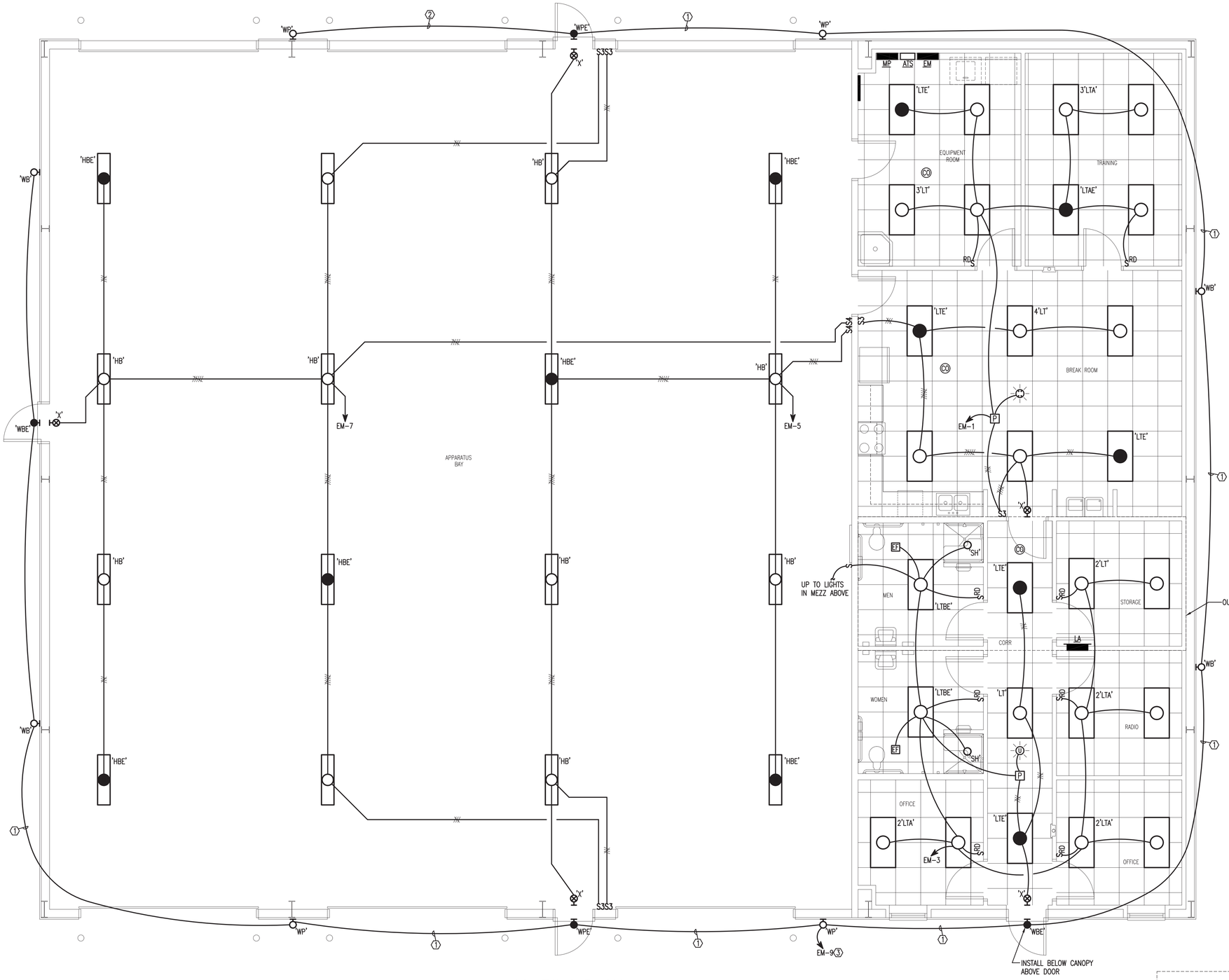
OWNER:
CITY OF ASHFORD
525 N BROADWAY STREET
ASHFORD, ALABAMA 36312

ISSUE:	APRIL 20, 2022	
MARK	DATE	DESCRIPTION

PROJECT NO:	21-20
DRAWN BY:	Quinn Yates
CHECKED BY:	Quinn Yates

SHEET TITLE
POWER & SIGNAL PLAN

E1.1
SHEET . OF .



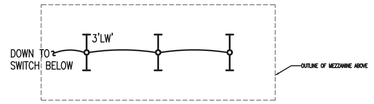
LIGHTING PLAN
SCALE: 1/4"=1'-0"

ALTERNATE DEDUCTION NOTES:
1. IF EMERGENCY GENERATOR IS DEDUCTED FROM THE PROJECT; PROVIDE EMERGENCY UNIT BATTERY PACKS IN 'E' FIXTURES.
2. IF EMERGENCY GENERATOR IS PROVIDED AS PART OF THIS PROJECT; DO NOT PROVIDE EMERGENCY UNIT BATTERY PACKS IN 'E' FIXTURES.

KEYNOTES:
(1) 3#10,1#10 GND,3/4"C

(2) 2#10,1#10 GND,3/4"C

(3) ROUTE CIRCUIT THROUGH LIGHTING CONTACTOR FOR CONTROLS; SEE EXTERIOR LIGHTING CONTROL DIAGRAM



MEZZANINE LIGHTING PLAN
SCALE: 1/4"=1'-0"

architecture jml

J MICHAEL LEE ASSOCIATES
ARCHITECTURE
179 Honeysuckle Road, Suite 1
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CONSULTANTS

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ALABAMA
NO. 29389
PROFESSIONAL
4-20-2022
ENGINEER
RAYMOND Q. YATES

A NEW FIRE STATION
FOR THE
CITY OF ASHFORD
ASHFORD, ALABAMA

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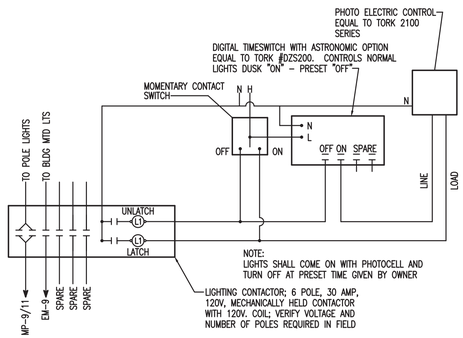
SHEET TITLE

LIGHTING PLAN

E1.2
SHEET . OF .



EXTERIOR LIGHTING CONTROL DIAGRAM

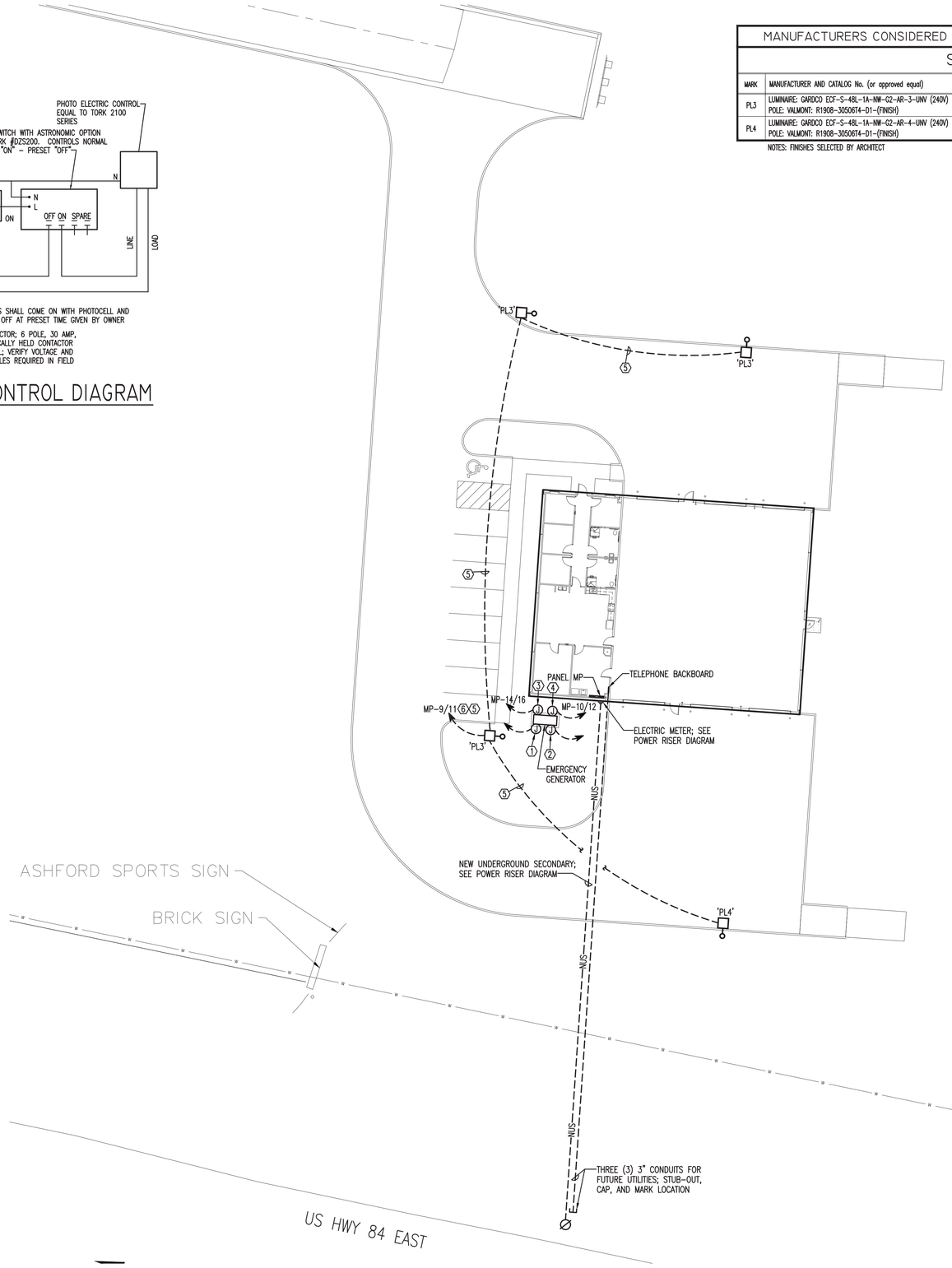
NOT TO SCALE

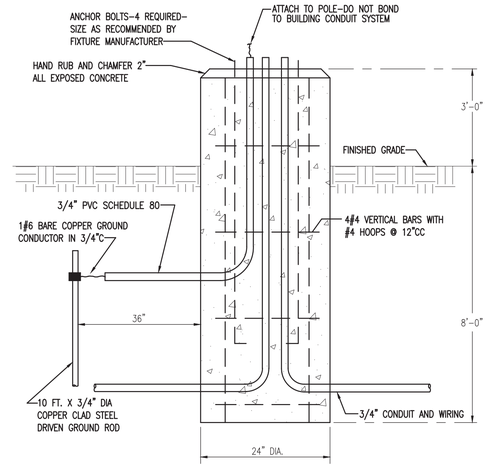
MANUFACTURERS CONSIDERED EQUAL MUST SUBMIT TO ENGINEER 14 DAYS PRIOR TO BID FOR APPROVAL

SITE LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG No. (or approved equal)	LAMPS No.	LAMPS TYPE	MOUNTING	REMARKS
PL3	LUMINAIRE: GARDCO ECF-S-48L-1A-NW-G2-AR-3-UNV (240V) POLE: VALMONT: R1908-305067-D1-(FINISH)		159W LED ARRAY 6,864 LUMEN/4000K	CONCRETE BASE SEE DETAIL	LED AREA POLE LIGHT, TYPE III LIGHTING DISTRIBUTION, FULL CUT OFF OPTICS, FINISHES SELECTED BY ARCHITECT, UNIVERSAL VOLTAGE BALLAST, 20 FT ROUND TAPERED ALUMINUM POLE
PL4	LUMINAIRE: GARDCO ECF-S-48L-1A-NW-G2-AR-4-UNV (240V) POLE: VALMONT: R1908-305067-D1-(FINISH)		159W LED ARRAY 6,864 LUMEN/4000K	CONCRETE BASE SEE DETAIL	LED AREA POLE LIGHT, TYPE IV LIGHTING DISTRIBUTION, FULL CUT OFF OPTICS, FINISHES SELECTED BY ARCHITECT, UNIVERSAL VOLTAGE BALLAST, 20 FT ROUND TAPERED ALUMINUM POLE

NOTES: FINISHES SELECTED BY ARCHITECT





NOTES:

– INSTALL CONCRETE POLE BASE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS

– VERIFY BOLT PATTERN WITH MANUFACTURER

CONCRETE POLE BASE FOR FIXTURE 'PL3'

NOT TO SCALE

KEYNOTES:

1. JUNCTION BOX FOR REMOTE GENERATOR ANNUNCIATOR PANEL; HOMERUN GENERATOR MANUFACTURER APPROVED CABLES IN 1 1/2"C TO ANNUNCIATOR PANEL IN FIRE COMMAND ROOM.
2. JUNCTION BOX FOR GENERATOR STOP/PUSH BUTTON; HOMERUN GENERATOR MANUFACTURER APPROVED CABLES IN 1"C TO STOP/PUSH BUTTON IN FIRE COMMAND ROOM.
3. JUNCTION BOX FOR GENERATOR BATTERY CHARGER; VERIFY EXACT LOCATION PRIOR TO ROUGH–IN
4. JUNCTION BOX FOR GENERATOR BLOCK HEATER VERIFY EXACT LOCATION PRIOR
5. 2#10,1#10 GND, 3/4"C
6. ROUTE CIRCUIT THROUGH LIGHTING CONTACTOR FOR CONTROLS; SEE EXTERIOR LIGHTING CONTROL DIAGRAM

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ELECTRICAL SITE PLAN

E2.0
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