ADDENDUM NUMBER TWO (2)  
TO THE PLANS AND SPECIFICATIONS FOR:  

City of Port Aransas  
Public Safety Center  
Port Aransas, Texas  
Project No. 18.22  

GIGNAC & ASSOCIATES  
416 STARR STREET  
CORPUS CHRISTI, TEXAS 78401  
(361) 884-2661  

June 15, 2023  

This addendum is generally separated into sections for convenience; however, all contractors, subcontractors, materialmen, and other parties shall be responsible for reading the entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, provided that the information is set forth any time, any place in this addendum. These documents shall be attached to and become a part of the contract documents for this project.  

BIDDER’S QUESTIONS:  

Question 1  
I’m bidding tiling and lvp for the PA public safety facility. Have looked at finish schedule, floor plan, and elevations. Forgive me if i’m missing it, but is there somewhere that shows where which tile (CT-1, CT-2, CT-3) goes where?  
Examples: CT-3 is for floors, but which floors? CT-2 is for walls, but which walls? CT-1 is for shower floors, but in bathroom elevations also seems to be used on walls, and what color combos go where?  

Response  
CT1 will be located at all restroom and shower floors scheduled for tile finish.  
CT2 will be located at all walls scheduled for tile finish  
CT3 will be located at C100 Kitchen.  
Note: Refer to this addendum for additional updated information on tile specifications.  
Refer to Specification Section 09 30 00, page 2, Section 2.2 TILE PRODUCTS  
At CT-1:  
2.2.A.1 Delete the term “patterned”.  
At 2.2.A.3 Delete “1 inch by 1 inch” and insert “2 inch by 2 inch”  
At 2.2.A.4a and b Delete the color selections indicated and insert “2 color pattern to be selected from full product range”  
At CT-2:  
At 2.2.A.7 Delete the color indicated and insert “3 color pattern to be selected from full product range”  
At CT-3  
At 2.2.B.1 Delete “Slipstream” and insert “Cross-Color Mingles with Cross-Tread surface”  
At 2.2.B.2 Delete the size indicated and insert “8 inch by 8 inch”  
At 2.2.B.8 Delete the color indicated and insert “to be selected from full product range”  

Question 2  
Can we submit the SOV and sub list after we turn in our lump sum proposal?  

Response  
The schedule of values & sub contractor list is to be submitted no later than 2:00 p.m. CST June 22, 2023 as stated in the Bid Form.
**Question 3**
Can you clarify all permitting fees will be waived?

**Response**
There will be no permit fees or impact fees required to be paid by the contractor.

**Question 4**
Who is responsible for commissioning fees?

**Response**
Owner is responsible for commissioning fees under a separate contract.

**Question 5**
Can you clarify windstorm inspections and certifications costs will not be by GC?

**Response**
Windstorm inspection will be performed by the design team and certification costs will not be the responsibility of the contractor.

**Question 6**
Can you revise demolition sheet AD-100 to the correct scope?

**Response**
Sheet AD-100 has been revised to indicate that the previous police station facility has been removed and the site is clear.

**Question 7**
There is an elevation of a sliding gate on AS-107, but all gates appear to be swing gates. Can you clarify?

**Response**
Sheet AS-107 has been revised. The sliding gate has been removed & replaced with a double swing gate. All site gates are either single or double swing gates, refer to revised site plan.

**Question 8**
Detail 1 AS105 refers to spec for pair of steel gates, however no spec is provided, please provide spec.

**Response**
A specification for the alum gates will be provided in the next addenda.

**Question 9**
There are (2) keypads called out on AS101 indicating gates to be automated, however 32 31 13 includes no specification for operators or controls. Are the gates automated? If so, please provide make and model of all controls. Also please clarify who is responsible for card readers.

**Response**
Gate #1 & gate #4 are automated & controlled by gate access keypad. A specification for the operators & controls will be provided in the next addenda.

**Question 10**
Please clarify which gates are to include panic hardware, and please provide make/model of all panic hardware to be included with exterior gates.

**Response**
The only gate that needs panic hardware is gate #2. However, all gates will need gate hardware. The gate hardware will be specified by gate number in the next addenda.

**Question 11**
Site plan states privacy slats and to see 3 AS107. No slats are shown. Please clarify.

**Response**
Detail 1 / AS-104 indicates the only chain link fence that shall have privacy slats. Privacy slats are not shown for clarity on 3 / AS-107 & 3 / AS-108 but shall be provided as indicated on 1 / AS-104.

**Question 12**
AHU has a main trunk line rectangular duct 14”x12”. From there is 1-16” Round duct and 1-20” round duct. Can you clarify if this is correct?

**Response**
Refer to included response from MS2.
Question 13  Can you provide a baseplate schedule?
Response  Refer to included response from Green, Rubiano.

Question 14  Is general note 7 on AD100 necessary? If so, please provide details and locations.
Response  Note # 7 has been deleted.

Question 15  Can you clarify if B117 is the only area with access flooring?
Response  Dispatch B117 is the only area with access flooring. Rooms Admin B115, Storage B116, Break Room B128 & Unisex Toilet B127 shall have a raised concrete floor. Refer to structural for more information.

Question 16  Dispatch B117 is calling for stained concrete. Can you clarify if this is necessary?
Response  Dispatch B117 shall have sealed concrete. Room finish schedule has been revised.

Question 17  Are we to paint all exposed concrete decks?
Response  All exposed / underside concrete finish is called out on all reflected ceiling plan sheets as part of this addenda.

Question 18  Kitchen equipment schedule quantities does not match with the floor plan. Can you clarify the quantities we are to include?
Response  Revised kitchen equipment schedule has been revised & included within this addenda.

Question 19  Are we to include insulation above all ceilings?
Response  No insulation above lay-in or gyp board ceiling is required.

Question 20  Can you clarify door type D for C105?
Response  C105 has been changed to a “FL” door type.

Question 21  Are we to supply the mobile cart with solid surface top? Can you provide a specification?
Response  Mobile cart shall be provided as indicated on A-120. A specification for the solid surface top will be provided in the next addenda.

Question 22  Can you provide a specification for the security benches at detox?
Response  Cuff benches (Mfr. / Model) have been added to the contract documents.

Question 23  Can you provide a specification for the kitchen equipment?
Response  A specification for the kitchen equipment will be provided in the next addenda.

Question 24  Are we to provide and install the motorized screen and projector? Can you provide a specification?
Response Motorized screen shall be part of the contract and be installed, refer 2/A407. A specification for the motorized screen will be provided in the next addenda.

Question 25 Can you provide a specification for the building attached awning sunshades?
Response A specification for the awning sunshades will be provided in the next addenda.

Question 26 Can you clarify we are not responsible for supplying or installing brackets or monitors for Dispatch B117 and Chief B105.
Response Brackets & monitors shall not be part of the project. The owner shall provide & install all brackets & monitors. Contractor is responsible for installing adequate blocking in walls to support brackets & monitors. Contractor to coordinate with owner for locations & sizes of monitors.

Question 27 Spec 08 11 13.9- Severe Storm Hollow Metal. In this spec it calls for tornado & Hurricane, please note these 2 are totally different. Which one will be used for this project?
Response Hurricane shall be used.

Question 28 Can we cross reference the hardware to meet these requirements for windstorm. "BEST" hardware is not an tested assembly for hollow metal.
Response Coordinate hardware with hollow metal door supplier to ensure the package complies with TDI requirements.

Question 29 Please provide Laminate colors for Countertops and Cabinet Exteriors
Response Colors will be provided in the next addenda.

Question 30 Spec Section 06 41 17, 2.2, B. only provides for MDF and particleboard, which are to have a high recycled content, but the cabinet sections on sheet A-120 are calling for plywood cores.
Response A specification for the wood materials will be provided in the next addenda.

Question 31 I cannot locate the Neches county wage scale please supply a current copy of the wage scale or a link to the documents.
Response Nueces County wage scale shall be provided in the next addenda.

Question 32 Interior elevations on A-116 show lockers. Please provide a specification.
Response A specification for lockers will be provided in the next addenda.

Question 33 Interior elevations on A-114 show a 6’ markerboard. Please provide a specification.
Response A specification for markerboards will be provided in the next addenda.

Question 34 Wall sections on A-319 show a dumbwaiter. Please provide a specification.
Response A specification for dumbwaiter will be provided in the next addenda.
**Question 35** Interior elevations on A-118 show security benches. Please confirm this is by owner or provide a specification.

**Response** Security benches are part of this contract. A specification for security bench will be provided in the next addenda.

**Question 36** Millwork details on A-120 show a mobile cart section. Please identify where this is located and specify if it is by owner or contractor.

**Response** Mobile cart is part of the contract and is shown on 5/A107.

**Question 37** Specifications for framed fabric structure show dimensions that do not match what is shown on the plans. Which dimension is correct?

**Response** Shade structure sizes were clarified as part of addenda #1. Refer to plans for sizes as there are two different shade structures. Size / shape in the specifications shall be omitted (refer to plan).

**Question 38** Framed fabric structure installers are concerned with the design of the alternate large shade.

- a. They are saying that it cannot be a “hip end” structure as one shade. The only way to make this work would be to combine multi-dome hip shades that will require substantial footings. See attached.
- b. Framed fabric installers are also saying that covered parking is typically built as a cantilever system with posts in the middle rather than hip end.

**Response** Shade structure configuration can be multiple hip structures to achieve the design intent but must be submitted for approval. Footings shall be provided as required. Framing for shade structures as shown have been provided at several areas of the state recently for other projects.

**Question 39** Plans show card readers but there is no access control specification. Please confirm this is by owner or provide a specification.

**Response** Card readers / access control shall be a part of the contract. A specification for the access controls will be provided in the next addenda.

**Question 40** There is a specification 08 14 16 for flush wood doors – wood veneer, but there are no wood doors listed on the door schedule. Please confirm that there are no wood doors for this project.

**Response** There are no wood doors on this project. Delete specification section 08 14 16 flush wood doors.

**Question 41** Please confirm if permit and commissioning are by owner or contractor.

**Response** There will be no permit fees or impact fees required to be paid by the contractor. Owner is responsible for commissioning fees under a separate contract.

**Question 42** Will questions and answers from all contractors be released as an addendum?

**Response** Yes included within this addenda.

**Question 43** Please provide pre-bid conference sign in sheet.

**Response** Included within this addenda.
CLARIFICATION ITEMS:

Item C-1  Construction Hours Ordinance
1. Ordinance Sec. 10-57 Construction allowed 6:00 am – 7:00 pm, Monday through Saturday, and 8:00 am through 5:00 pm on Sunday.
2. Special work hours allowance for concrete pours, by Administration approval only

Item C-2  F Reveal Molding
1. Finish / color shall be selected by architect from a full range of colors.

SPECIFICATION ITEMS:

Item S-1  Section 033619 Penetrating Reactive Concrete Stain
1. Specification section shall be added and become part of the contract documents.

Item S-2  Section 081416 Flush Wood Doors
1. Specification section shall be deleted from the contract documents.

Item S-3  Section 096519.23 Solid Vinyl Tile Flooring (LVT)
1. Specification section shall be added and become part of the contract documents.

Item S-4  Section 042200.16 Pre-faced Concrete Unit Masonry
1. Specification section shall be added and become part of the contract documents.

PLAN ITEMS:

Item P-1  Sheet G-001
1. Delete this sheet in its entirety and replace with sheet G-001, included within this addendum.
2. Sheet CA-100 added.

Item P-2  Sheet CA-100
1. Sheet CA-100, included within this addendum shall become a part of the contract documents.
2. Sheet CA-100 added.

Item P-3  Sheet AD-100
Delete this sheet in its entirety and replace with sheet AD-100, included within this addendum.
Phase 2 area denoted.

Item P-4  Sheet AS-101
1. Delete this sheet in its entirety and replace with sheet AS-101, included within this addendum.
2. Phase 2 area denoted.
3. Gate designation added.
4. Generator screen wall modification.

**Item P-5**  
Sheet AS-103  
1. Delete this sheet in its entirety and replace with sheet AS-103, included within this addendum.
2. ADA ramp revision.
3. Gate designation added.

**Item P-6**  
Sheet AS-104  
1. Delete this sheet in its entirety and replace with sheet AS-104, included within this addendum.
2. Detail revision.

**Item P-7**  
Sheet AS-105  
1. Delete this sheet in its entirety and replace with sheet AS-105, included within this addendum.
2. All references to steel swing gates, bar grating & cane bolts have been removed.
3. Gate designation added.
4. Generator screen enclosure length has been revised.

**Item P-8**  
Sheet AS-106  
1. Delete this sheet in its entirety and replace with sheet AS-106, included within this addendum.
2. ADA ramp revision.

**Item P-9**  
Sheet AS-107  
1. Delete this sheet in its entirety and replace with sheet AS-107, included within this addendum.
2. Sliding gate has been replaced with double swing vehicular gates.
3. All references to steel cane bolts have been removed.

**Item P-10**  
Sheet AS-108  
1. Delete this sheet in its entirety and replace with sheet AS-108, included within this addendum.
2. Pier & foundations for shade structure note has been added.
3. Pedestal detail has been added.

**Item P-11**  
Sheet A-102  
1. Delete this sheet in its entirety and replace with sheet A-102, included within this addendum.
2. Wall types were revised for Corridor A106.
3. Door type A114A has been revised.
4. Stairs have been revised.

**Item P-12**  
Sheet A-103
1. Delete this sheet in its entirety and replace with sheet A-103, included within this addendum.
2. Wall types were revised for Lobby B101.
3. Stairs have been revised.
4. Dispatch B117 & Unisex Toilet B127 doors have been relocated along with extent of access floor.

Item P-13  Sheet A-104
1. Delete this sheet in its entirety and replace with sheet A-104, included within this addendum.
2. Interior elevation has been added.

Item P-14  Sheet A-106
1. Delete this sheet in its entirety and replace with sheet A-106, included within this addendum.
2. Wall types have been revised.
3. Laundry B125 appliances have been revised & millwork added.

Item P-15  Sheet A-107
1. Delete this sheet in its entirety and replace with sheet A-107, included within this addendum.
2. Kitchen equipment schedule has been revised.
3. Security benches have been revised.
4. Stairs have been revised.
5. Security bunk beds have been revised.
6. Bullet resistant panels have been added.

Item P-16  Sheet A-108
1. Delete this sheet in its entirety and replace with sheet A-108, included within this addendum.
2. Portable judicial bar has been revised.

Item P-17  Sheet A-109
1. Delete this sheet in its entirety and replace with sheet A-109, included within this addendum.
2. Room schedule remarks have been revised.
3. Dispatch B117 & Lobby A113 floor have been revised.
4. Remarks have been revised.

Item P-18  Sheet A-110
1. Delete this sheet in its entirety and replace with sheet A-110, included within this addendum.
2. Glazing schedule has been revised.
3. Door C105 has been revised.
4. Remarks have been revised.
5. Door A114A has been revised.
6. Door elevation has been revised.
7. Door frames have been revised.

Item P-19  Sheet A-111
1. Delete this sheet in its entirety and replace with sheet A-111, included within this addendum.
2. Glazing schedule has been revised.
3. Remarks have been revised.
4. Glazing type on window elevation has been revised.

Item P-20  
Sheet A-112
1. Delete this sheet in its entirety and replace with sheet A-112, included within this addendum.
2. Acoustical wall panels have been added.
3. Judicial bar elevation & detail have been added.

Item P-21  
Sheet A-113
1. Delete this sheet in its entirety and replace with sheet A-113, included within this addendum.

Item P-22  
Sheet A-114
1. Delete this sheet in its entirety and replace with sheet A-114, included within this addendum.
2. Acoustical wall panels have been added.

Item P-23  
Sheet A-115
1. Delete this sheet in its entirety and replace with sheet A-115, included within this addendum.
2. Mounting dimension for mop holder added.

Item P-24  
Sheet A-116
1. Delete this sheet in its entirety and replace with sheet A-116, included within this addendum.
2. Wall type at lavatories has been revised.
3. Shower header height has been revised.
4. Millwork added in Laundry B125.

Item P-25  
Sheet A-117
1. Delete this sheet in its entirety and replace with sheet A-117, included within this addendum.
2. Wall type at lavatories has been revised.
3. Shower header height has been revised.
4. Security bench manufacturer & model have been added.

Item P-26  
Sheet A-118
1. Delete this sheet in its entirety and replace with sheet A-118, included within this addendum.
2. Security bench manufacturer & model have been added.

Item P-27  
Sheet A-119
1. Delete this sheet in its entirety and replace with sheet A-119, included within this addendum.
2. Kitchen equipment schedule has been revised.

Item P-28  
Sheet A-120  
1. Delete this sheet in its entirety and replace with sheet A-120, included within this addendum.
2. Dimensions & notes have been revised.

Item P-29  
Sheet A-123  
1. Delete this sheet in its entirety and replace with sheet A-123, included within this addendum.
2. Kitchen equipment schedule has been revised.
3. Kitchen equipment designations have been added.

Item P-30  
Sheet A-201  
1. Delete this sheet in its entirety and replace with sheet A-201, included within this addendum.
2. Revised dimensional letter signage.

Item P-31  
Sheet A-301  
1. Delete this sheet in its entirety and replace with sheet A-301, included within this addendum.
2. Added partition types.

Item P-32  
Sheet A-302  
1. Delete this sheet in its entirety and replace with sheet A-302, included within this addendum.
2. Added partition types.

Item P-33  
Sheet A-309  
1. Delete this sheet in its entirety and replace with sheet A-309, included within this addendum.
2. Revised wall section.

Item P-34  
Sheet A-310  
1. Delete this sheet in its entirety and replace with sheet A-310, included within this addendum.
2. Revised wall section.

Item P-35  
Sheet A-311  
1. Delete this sheet in its entirety and replace with sheet A-311, included within this addendum.
2. Revised wall section.

Item P-36  
Sheet A-316
1. Delete this sheet in its entirety and replace with sheet A-316, included within this addendum.
2. Revised wall section.

**Item P-37**  
Sheet A-317

1. Delete this sheet in its entirety and replace with sheet A-317, included within this addendum.
2. Revised wall section.

**Item P-38**  
Sheet A-318

1. Delete this sheet in its entirety and replace with sheet A-318, included within this addendum.
2. Revised wall section.

**Item P-39**  
Sheet A-404

1. Delete this sheet in its entirety and replace with sheet A-404, included within this addendum.
2. Revised ceiling legend.

**Item P-40**  
Sheet A-405

1. Delete this sheet in its entirety and replace with sheet A-405, included within this addendum.
2. Revised ceiling legend.
3. Revised ceiling in Court A108.
4. Added ceiling detail.

**Item P-41**  
Sheet A-406

1. Delete this sheet in its entirety and replace with sheet A-406, included within this addendum.
2. Revised ceiling legend.

**Item P-42**  
Sheet A-407

1. Delete this sheet in its entirety and replace with sheet A-407, included within this addendum.
2. Revised ceiling legend.
3. Revised ceiling heights.

**Item P-43**  
Sheet A-502

1. Delete this sheet in its entirety and replace with sheet A-502, included within this addendum.
2. Revised window details.

**END OF ADDENDUM**
June 14, 2023

Mr. Nick Gignac, Associate AIA
Gignac Architects
416 Starr
Corpus Christi, Texas 78401

Subject: Addendum #2 - City of Port Aransas Public Safety Building, Port Aransas, Texas

Dear Mr. Gignac:

The following plan and specification changes are included in the Civil portion of Addendum #2 for the City of Port Aransas Public Safety Building project:

1. **Civil Construction Plans**
   Sheet CE2.00 – Paving and Grading Plan:
   a) Revised grades of the revised ADA ramp and landing area on the north side of the building facing Avenue A.
   b) Revised grades of the drop off area on the south side of the building.
   c) Revised grades on the east side of the building and around the trash bin area.

2. **Civil Specifications**
   Specification 03 30 02 Normal Weight Aggregate Concrete:
   a) Concrete shall be allowed to be held up to 90 minutes (in lieu of the previously stated 1 hour) in a mixer truck before pouring. No formal revised specification provided the Addendum should suffice.

Sincerely,

URBAN ENGINEERING

Stephen P. Grunewald, P.E
I. ISSUED DRAWINGS

The following 30” x 42” drawings included in Addendum No. 2 shall be considered part of the Bid-set.

II. PLANS

1. L-1.0 Irrigation Plan - Revised
Port Aransas Public Safety Center Project
Structural Narrative – Scope of Work Changes (Addendum #2)

The project includes a single-story public safety center building, with a 2nd floor mezzanine area. Additionally, the project includes two tower entry features, a sally port and pergola structure, a generator/dumpster structure, and a ramp access way. Listed below are the structural scope of work changes for the Port Aransas Public Safety Center, that will be submitted in the signed and sealed construction set of drawings for Addendum #2, on June 15, 2023:

1. The foundation notes regarding the compaction requirements for the subgrade and select fill material are updated to reflect the requirements in the issued supplemental letter for a slab-on-grade. These changes are first addressed and clouded on sheet S1.1 within the structural set of drawings.

2. The primary ramp access that leads to the high tower entry feature at the front entrance is shortened. These changes are first addressed and clouded on sheet S2.0 within the structural set of drawings.

3. The secondary access way that led from the front entrance to the plan west entrance at the low tower feature is eliminated from the scope of work. These changes are first addressed and clouded on sheet S2.0 within the structural set of drawings.

4. The drilled pier profile was updated to reflect the changes to the perimeter grade beam depths, which were modified to reflect final civil grading. Drilled pier sizes were changed to address updated structural loadings, along with the addition of pier caps at the sally port structure. These changes are first addressed and clouded on sheet S2.1P within the structural set of drawings.

5. Multiple detail cuts were reorganized to depict updated interior and perimeter foundation conditions. The grade beam orientation was updated to reflect the changes to the primary ramp access. These changes are first addressed and clouded on sheet S2.1 within the structural set of drawings.

6. The addition of the Public Safety Center sign support, located on the primary ramp on the plan north side of the building, is added to the structural scope. These changes are first addressed and clouded on sheet S2.1 within the structural set of drawings.

7. The perimeter grade beam depths are reduced from 72” to 36” to reflect final civil grading around the building. These changes are first addressed and clouded on sheet S2.2 within the structural set of drawings.

8. The CMU course types and locations at the bottom of interior and exterior walls are made to reflect the changes in the revised Architectural drawings. These changes are first addressed and clouded on sheet S2.2 within the structural set of drawings.

9. The foundation details for the primary ramp access have been updated to reflect the dimensional changes in the revised Architectural drawings and final civil gradings. Additionally, the typical foundation details for the light poles specified in the revised mechanical drawings were added. These changes are first addressed and clouded on sheet S2.3 within the structural set of drawings.
10. Dimensional modifications to the enclosures at the dumpster/generator structure are made to reflect the changes in the revised Architectural drawings. These changes are first addressed and clouded on sheets S2.4 and S3.6 within the structural set of drawings.

11. The general layout of the mechanical units within the 2nd floor mezzanine area was updated to reflect the revised mechanical drawings. These changes are first addressed and clouded on sheet S3.1 within the structural drawings.

12. Roof framing updates to the 2nd floor mezzanine, along with the addition of lateral steel braces along the perimeter of the 2nd floor mezzanine area reflect updated structural loadings. These changes are first addressed and clouded on sheet S3.3 within the structural drawings.

The listed changes have been clouded and addressed in the construction set of drawings that will be issued for Addendum #2 deliverable.

Rolando R. Rubiano, P.E.
Senior Partner
ADDENDUM

ADDENDUM: 2

DATE: June 15, 2023

PROJECT: Port Aransas – Public Safety Center

PROJECT NO.: 32857.00

GENERAL:
Item 1. Sheet MEP–201: - MEP SITE PLAN
A) Relocate (2) light poles.
B) Update generator enclosure size.
C) Add conduit for internet service provider.

Item 2. Sheet MEP–202: - PHOTOMETRICS PLAN
A) Add sheet.

MECHANICAL:
Item 1. Sheet M–201: - MECHANICAL PLAN – AREA A
A) Adjusted duct elevations into Court A108.
B) Adjusted exhaust duct run from EF-1 to avoid Lobby area.

Item 2. Sheet M–202: - MECHANICAL PLAN – AREA B
A) Adjusted various duct elevations to ensure proper placement in ceiling space.
B) Adjusted ductwork in Laundry B125 & Armory.
C) Adjusted main duct sizing from AHU-3.
D) Moved diffusers in Lobby B101 to avoid decorative ceiling.

A) Adjusted main duct sizing from AHU-3.

Item 4. Sheet M–301: - MECHANICAL MEZZANINE – AREA D
A) Adjusted various duct elevations to ensure proper placement in ceiling space.

Item 5. Sheet M–401: - MECHANICAL SCHEDULES
A) EF-3, EF-4, & EF-5 changed to 208V models.
B) Changed power requirements for all mini splits.

ELECTRICAL:
Item 1. Sheet E–201: - ELECTRICAL LIGHTING PLAN – AREA A
A) Adjust ramp lighting and back-lit sign.
B) Add switch to A105.
C) Adjust lighting in B101, B102, B125.
D) Add wall pack to north & south exterior wall.
E) Add ceiling occupancy sensors & vanity lights to B122 & B123.
F) Add light switch to B108.
G) Add AV outlets to TVs in A102.

Item 2. Sheet E-202: - ELECTRICAL LIGHTING PLAN – AREA B
A) Add light switch to C100.
B) Omit stray light switches in C117.
C) Expand view box.
D) Adjust light switch location in C104.
E) Add lighting relay/contactor panel to C115.
F) Add AV outlets to TVs in B115
G) Change B101 lighting due to ceiling change.

Item 3. Sheet E-203: - ELECTRICAL LIGHTING PLAN – AREA C
A) Revise lighting layout.
B) Add keyed note for lighting relay/contactor panel.

Item 4. Sheet E-301: - ELECTRICAL POWER PLAN – AREA A
A) Show updated ramp.
B) Add AV outlets to TV wall in A102.
C) Move TV wall outlets to callout 2/E302.

Item 5. Sheet E-302: - ELECTRICAL POWER PLAN – AREA B
A) Add AV outlets to TV wall in B117, B115, B105, & B106.
B) Move TV wall outlets to callout 2/E302.

Item 6. Sheet E-303: - ELECTRICAL POWER PLAN – AREA C
A) Mount transformer TLEM from ceiling above transformer TLA. See detail.
B) Expand view box.
C) Circuit receptacle on south wall of C117.
D) Add circuit for booster pump in C116.
E) Add AV outlets to C117, C103, B107, C101.

Item 7. Sheet E-304: - ELECTRICAL POWER PLAN – MEZZANINE
A) Add circuit tags for MSCU-03 & 04.

Item 8. Sheet E-401: - ELECTRICAL ONE-LINE DIAGRAM
A) Edit one line diagram.

Item 9. Sheet E-501: - SCHEDULES & DETAILS
A) Add details.
B) Add booster pump to equipment connection schedule.
C) Add vanity lights type L, M, & N to light fixture schedule.
D) Change type S5 fixture.

Item 10. Sheet E-502: - PANEL SCHEDULES
A) Update KAIC ratings.
B) Add breaker for booster pump.
C) Add breakers for SPDs.

Item 11.  

Sheet FA-101: - FIRE ALARM PLAN – FIRST FLOOR
A) Provide additional knox box outside of fire riser room.

PLUMBING:

Item 1.  

Sheet P-102 – PLUMBING UNDERFLOOR PLAN – AREA B:
A) Adjusted sanitary pipe in Laundry B125.
B) Added WCO in Laundry B125.
C) Removed trench sanitary drain.
D) Added keyed-note #6.

Item 2.  

Sheet P-201 – PLUMBING PLAN – AREA A:
A) Added 3/4" condensate piping for MS-02.

Item 3.  

Sheet P-202 – PLUMBING PLAN – AREA B:
A) Added Washing Box P-9 in Laundry B125.
B) Adjusted cold water and hot water piping in Laundry B125.
C) Adjusted vent piping in Laundry B125.
D) Added WCO in Laundry B125.
E) Moved hot water piping to be clear of Lobby B101 space.

END OF NARRATIVE
Police Station

Delmae Gracie Area 361-884-0661 associlates.com

John More 361-510-5387 PEM Floors to Go johnm@more@com

Weaver + Jacobs 361-452-0560 bmorris@weaver+jacobs.com

Ambrose Concrete 361-249-6262 jon@ambroseconcrete.com

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SECTION 033619 - PENETRATING REACTIVE CONCRETE STAIN

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:
   1. Water-based reactive stained concrete floor finish.
   2. Sealer.

B. Related Sections:
   Edit to suit Project requirements.
   1. Section 033000 “Cast-In-Place Concrete” for general concrete applications.

1.2 REFERENCES

A. ASTM International (ASTM):

B. International Concrete Repair Institute (ICRI):
   1. ICRI Technical Guidelines: Series 300 - Concrete, Designation 310 - Surface Preparation.

1.3 SUBMITTALS

A. Product Data: Manufacturer’s technical data, including Safety Data Sheet (SDS) and installation instructions, for each product specified.

B. Samples for Initial Selection: Manufacturer’s color charts showing full range of colors available.

C. Qualification Data: For manufacturer and Installer.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications: Minimum 10 years of documented experience producing the specified products.

B. Installer Qualifications: Minimum 5 years of documented experience with work of similar scope and complexity required by this Project and acceptable to, or certified by, concrete stain manufacturer.

C. Material Source Limitations: Obtain each specified material from the same source.

D. Concrete Stain Mockups:
   1. Construct a 10 foot by 10 foot mockup at location selected by Architect.
   2. Provide individual mockups for each color required.
   3. Construct mockup using materials, processes, and techniques required for the work, including curing procedures. Incorporate representative control, construction, and expansion joints according to Project requirements. Installer for the work to construct mockup.
   4. Mockup to be stained and sealed by the Installer who will actually perform the work for the Project. Record the amount of chemical stain needed per square foot of application to establish coverage rates for the work.
   5. Notify Architect and Owner a minimum of seven calendar days in advance of the date scheduled for each mockup construction.
   6. Obtain the Architect’s and Owner’s acceptance of each mockup prior to commencement of the work.
   7. Each mockup to remain until completion of the work to serve as a quality control standard for the work. Provide suitable protections to preclude damage to mockup.
   8. Approved mockup may become part of the completed work if undisturbed at time of Substantial Completion.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver products in original factory unopened, undamaged packaging bearing identification of product, manufacturer, batch number, and expiration date as applicable.

B. Store products in a location protected from damage, construction activity, and adverse environmental conditions, and away from combustible materials and sources of heat, according to manufacturer’s printed instructions and current recommendations.

C. Handle products according to manufacturer’s printed instructions.

1.6 PROJECT CONDITIONS

A. Environmental Conditions: Maintain an ambient temperature between 50 deg F and 90 deg F during application and at least 48 hours after application. Do not proceed with exterior applications during rainy, foggy, or very humid weather.
1.7 PREINSTALLATION CONFERENCE
A. Seven calendar days prior to scheduled date of installation, conduct a meeting at Project site to discuss requirements, including application methods. Attendees to include Architect, Owner, Contractor, Installer, and manufacturer’s authorized field representative.

PART 2 - PRODUCTS
2.1 ACCEPTABLE MANUFACTURERS
A. Basis-of-Design Product: Subject to compliance with requirements, provide Scofield, a Business Unit of Sika Corporation; Lithochrome Tintura, or comparable product by one of the following:
1. Butterfield Color, Inc.
2. H&C® Decorative Concrete Products; a brand of Sherwin-Williams Co.

2.2 MATERIALS
A. Water-Based Reactive Chemical Concrete Stain: Penetrating reactive water-based staining product that chemically bonds to cured concrete or cementitious topping substrates to produce permanent translucent color effects. Less than 100 g/L VOC content.
1. Product: “LITHOCHROME Tintura Stain, Sika Corporation.”
2. Color(s): As selected by Architect from manufacturer’s full range of standard colors.
B. Sealers:
1. SCOFIELD® Selectseal Plus™, Sika Corporation

PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine areas and conditions under which the concrete stain work will be performed and identify conditions detrimental to the proper and timely completion of the work. Do not proceed until unsatisfactory conditions have been corrected.

3.2 PREPARATION
A. New Concrete: Comply with the following:
1. Newly placed concrete to sufficiently cure for concrete to become reactive. Minimum cure time is 28 days.
2. Do not use liquid curing materials. Cure concrete flatwork with new, unwrinkled, non-staining, high quality curing paper complying with ASTM C 171. Do not overlap curing paper.
B. Surface Preparation for New or Existing Concrete:
1. Concrete surfaces should be completely penetrable before applying the initial application of chemical stain. The surface of the concrete should be lightly mechanically abraded to remove weak cement paste and contaminants. The final surface preparation should approximate a Concrete Surface Profile of 1, (CSP1 as designated by the International Concrete Repair Institute, Alexandria, Virginia). Methods for mechanical abrasion include:
   1. Pressure Washing: Use a pressure washer equipped with a fan tip and rated for a minimum pressure capability of 4000 psi.
   2. Scrubbing with a rotary floor machine with a Mal-Grit Brush from the Malish Corporation.
   3. Light sanding of the surface.
2. Rinse concrete substrates until rinse water is completely clean.
C. Completed preparation to result in concrete surfaces that are uniformly slip-resistant and profiled to meet a Concrete Surface Preparation (CSP) of 1-2 according to referenced ICRI guidelines.

3.3 CONCRETE STAIN APPLICATION
A. Protect surrounding areas, landscaping, and adjacent surfaces from overspray, runoff, and tracking. Divide surfaces into small work sections using walls, joint lines, or other stationary breaks as natural stopping points.
B. Apply concrete stains full strength (undiluted) at the coverage rate recommended by the manufacturer and use application equipment according to the concrete stain manufacturer’s printed instructions. Note the color of the liquid chemical stain will not be the final color produced on the concrete substrate.
1. Thoroughly power mix concrete stain base and tint materials immediately prior to use. For mixing stain materials, use an acceptable metal blade mixer.
C. Apply water-based reactive stain to substrates with an airless sprayer or High Volume Low Pressure (HVLP) sprayer, with a maintained and overlap controlled wet edge. A roller may also be used to apply material. If an airless sprayer or HVLC sprayer is used, the material may be manipulated mechanically to create a variegated appearance similar to that of an acid stain. If a roller is used an opaque monochromatic appearance will result.
1. Airless Sprayer: 1500 to 2500 psi variable outlet fluid pressure. 0.013 to 0.018 inch tip.
2. HVLP Sprayer: 5 to 40 psi spray pressure capability.

D. Reaction time will depend on wind conditions, temperature, and humidity level.

E. If required, apply a second coat after first coat has sufficiently dried and can be walked on without damage; normally two to four hours after application depending on temperature and humidity. Apply a third coat, if required, not less than two to four hours after the second coat application.

F. On vertical surfaces, start spray applications of reactive stain at the bottom and proceed upward. Apply stain material in light coats while maintaining a wet edge to ensure penetration into the surface.

3.4 SEALER APPLICATION

A. Concrete substrate must be completely dry.

B. After the final penetrating stain application has dried sufficiently, normally 8 to 24 hours at 75 degrees F and 50 percent relative humidity, remove all contaminants from surfaces by dry mopping if required.

C. Apply sealer according to the sealer manufacturer’s printed instructions at a rate of 300 to 500 square feet per gallon per coat, maintaining a wet edge at all times. Two coats are required. Maintain a wet edge at all times.

D. Allow sealer to completely dry before applying additional coats.

E. Apply second coat of sealer at 90 degrees to the direction of the first coat using the same application method and rates.

F. Seal horizontal joints in areas subject to pedestrian or vehicular traffic.

3.5 PROTECTION

A. Provide temporary floor protection throughout the project to safeguard the surface quality of concrete slabs before and after application of decorative finishes or installations of other materials.

B. All concrete floors that will not be covered by other materials will be protected throughout the project. The concrete slab must be treated as a finished floor at all times during construction.

C. Temporary Floor Protection will be removed only while finish work to the concrete is being performed and will be replaced after the final finish has cured sufficiently.

D. Temporary Floor Protection will be SCOFIELD Proguard Duracover, manufactured by Sika Corporation. Seaming of the temporary floor protection will be performed with SCOFIELD Proguard Heavy Duty Seaming Tape. Both products will be installed following the manufacturer’s published installation procedures.

E. **DO NOT APPLY THE HEAVY DUTY SEAMING TAPE TO BARE OR FINISHED FLOORS OR WALL SURFACES AT ANY TIME. IT WILL PERMANENTLY DAMAGE THE FLOOR**

END OF SECTION 033619
SECTION 042200.16 – PRE-FACED CONCRETE UNIT MASONRY

PART 1 - GENERAL

1.1 SUMMARY
A. Section Includes:
   1. Pre-faced concrete masonry units.

1.2 DEFINITIONS
A. CMU(s): Concrete masonry unit(s).
B. Reinforced Masonry: Masonry containing reinforcing steel in grouted cells.

1.3 ACTION SUBMITTALS
A. Product Data: For each type of product.
B. Shop Drawings: For reinforcing steel. Detail bending, lap lengths, and placement of unit masonry reinforcing bars. Comply with ACI 315.
C. Samples: For each type and color of the following:
   1. Pre-faced CMUs.

1.4 INFORMATIONAL SUBMITTALS
A. Material Certificates: For each type and size of product. For masonry units, include data on material properties material test reports substantiating compliance with requirements.
B. Mix Designs: For each type of mortar and grout. Include description of type and proportions of ingredients.
   1. Include test reports for mortar mixes required to comply with property specification. Test according to ASTM C109/C109M for compressive strength, ASTM C1506 for water retention, and ASTM C91/C91M for air content.
   2. Include test reports, according to ASTM C1019, for grout mixes required to comply with compressive strength requirement.

1.5 FIELD CONDITIONS
A. Cold-Weather Requirements: Do not use frozen materials or materials mixed or coated with ice or frost. Do not build on frozen substrates. Remove and replace unit masonry damaged by frost or by freezing conditions. Comply with cold-weather construction requirements contained in TMS 602/ACI 530.1/ASCE 6.

PART 2 - PRODUCTS

2.1 UNIT MASONRY, GENERAL
A. Masonry Standard: Comply with TMS 602/ACI 530.1/ASCE 6, except as modified by requirements in the Contract Documents.
B. Defective Units: Referenced masonry unit standards may allow a certain percentage of units to contain chips, cracks, or other defects exceeding limits stated. Do not use units where such defects are exposed in the completed Work.
C. Fire-Resistance Ratings: Comply with requirements for fire-resistance-rated assembly designs indicated.
   1. Where fire-resistance-rated construction is indicated, units shall be listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction.

2.2 CONCRETE MASONRY UNITS
A. Shapes: Provide shapes indicated and as follows, with exposed surfaces matching exposed faces of adjacent units unless otherwise indicated.
   1. Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, and other special conditions.
B. Pre-faced CMUs: Lightweight solid concrete units complying with ASTM C90, with manufacturer's standard smooth resinous facing complying with ASTM C744.
   1. Basis-of-Design Product: Subject to compliance with requirements, provide Echelon; an Oldcastle APG brand, Trenwyth® Astra-GlazeSW+ or comparable product.
   2. Unit Compressive Strength: Provide units with minimum average net-area compressive strength of 2800 psi.
   3. Size: Manufactured with pre-faced surfaces having 1/16-inch-wide returns of facing to create 1/4-inch-wide mortar joints.
      a. Nominal 8" x 16" x 2" block
      a. Provide bullnose corners at outside corners.
      b. Provide straight base at stained concrete.
5. Colors and Patterns: As selected by Architect from manufacturer's full range.

2.3 MORTAR AND GROUT MATERIALS
A. Colored Cement Products: Packaged blend made from portland cement and hydrated lime or masonry cement and mortar pigments, all complying with specified requirements, and containing no other ingredients.
B. Water: Potable.

2.4 MORTAR AND GROUT MIXES
A. General: Do not use admixtures, including pigments, air-entraining agents, accelerators, retarders, water-repellent agents, antifreeze compounds, or other admixtures unless otherwise indicated.
   1. Do not use calcium chloride in mortar or grout.
   2. Use portland cement-lime mortar unless otherwise indicated.
B. Preblended Colored, Dry Mortar Mix: Furnish dry mortar ingredients in form of a preblended mix. Measure quantities by weight to ensure accurate proportions, and thoroughly blend ingredients before delivering to Project site.
   1. Colors: As selected by Architect from manufacturer's full range.
C. Mortar for Unit Masonry: Comply with ASTM C270, Property Specification. Provide the following types of mortar for applications stated unless another type is indicated.
   1. For interior nonload-bearing partitions, Type O may be used instead of Type N.
D. Grout for Unit Masonry: Comply with ASTM C476.
   1. Use grout of type indicated or, if not otherwise indicated, of type (fine or coarse) that will comply with TMS 602/ACI 530.1/ASCE 6 for dimensions of grout spaces and pour height.
   2. Proportion grout in accordance with ASTM C476, Table 1 or paragraph 4.2.2 for specified 28-day compressive strength indicated, but not less than 2000 psi.
   3. Provide grout with a slump of 8 to 11 inches as measured according to ASTM C143/C143M.

PART 3 - EXECUTION
3.1 INSTALLATION, GENERAL
A. Use full-size units without cutting if possible. If cutting is required to provide a continuous pattern or to fit adjoining construction, cut units with motor-driven saws; provide clean, sharp, unchipped edges. Allow units to dry before laying unless wetting of units is specified. Install cut units with cut surfaces and, where possible, cut edges concealed.
B. Lay blocks with the faces level, plumb and true to a line strung horizontally at the glazed face. Install only quality units; reject all defective units, as defined in ASTM C744, latest revision. Units shall have uniform face joint dimensions of 1/4" both horizontally and vertically. Tool joints neatly after they are finger-hard to make them straight and uniform. Size and place cut pieces appropriately to maintain consistency and bond. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.

3.2 LAYING MASONRY WALLS
A. Lay out walls in advance for accurate spacing of surface bond patterns with uniform joint thicknesses and for accurate location of openings, movement-type joints, returns, and offsets. Avoid using less-than-half-size units, particularly at corners, jambs, and, where possible, at other locations.
B. Bond Pattern for Exposed Masonry: Unless otherwise indicated, lay exposed masonry in running bond; do not use units with less-than-nominal 4-inch horizontal face dimensions at corners or jambs.
C. Built-in Work: As construction progresses, build in items specified in this and other Sections. Fill in solidly with masonry around built-in items.
D. Fill space between steel frames and masonry solidly with mortar unless otherwise indicated.
E. Where built-in items are to be embedded in cores of hollow masonry units, place a layer of metal lath, wire mesh, or plastic mesh in the joint below, and rod mortar or grout into core.

3.3 MORTAR BEDDING AND JOINTING
A. Lay hollow CMUs as follows:
   1. Bed face shells in mortar and make head joints of depth equal to bed joints.
   2. Bed webs in mortar in all courses of piers, columns, and pilasters.
   3. Bed webs in mortar in grouted masonry, including starting course on footings.
   4. Fully bed entire units, including areas under cells, at starting course on footings where cells are not grouted.
B. Lay solid CMUs with completely filled bed and head joints; butter ends with sufficient mortar to fill head joints and shove into place. Do not deeply furrow bed joints or slush head joints.
C. Tool exposed joints slightly concave when thumbprint hard, using a jointer larger than joint thickness unless otherwise indicated.
D. Cut joints flush for masonry walls to receive plaster or other direct-applied finishes (other than paint) unless otherwise indicated.

3.4 FIELD QUALITY CONTROL
A. Testing and Inspecting: Owner will engage special inspectors to perform tests and inspections and prepare reports. Allow inspectors access to scaffolding and work areas as needed to perform tests and inspections. Retesting of materials that fail to comply with specified requirements shall be done at Contractor's expense.
B. Inspections: Special inspections according to Level B in TMS 402/ACI 530/ASCE 5.
   1. Begin masonry construction only after inspectors have verified proportions of site-prepared mortar.
   2. Place grout only after inspectors have verified compliance of grout spaces and of grades, sizes, and locations of reinforcement.
   3. Place grout only after inspectors have verified proportions of site-prepared grout.
C. Testing Prior to Construction: One set of tests.
D. Testing Frequency: One set of tests for each 5000 sq. ft. of wall area or portion thereof.
E. Concrete Masonry Unit Test: For each type of unit provided, according to ASTM C140 for compressive strength.
F. Mortar Aggregate Ratio Test (Proportion Specification): For each mix provided, according to ASTM C780.
G. Mortar Test (Property Specification): For each mix provided, according to ASTM C780. Test mortar for mortar air content and compressive strength.
H. Grout Test (Compressive Strength): For each mix provided, according to ASTM C1019.
I. Prism Test: For each type of construction provided, according to ASTM C1314 at seven days and at 28 days.

3.5 REPAIRING, POINTING, AND CLEANING
A. In-Progress Cleaning: Clean unit masonry as work progresses by dry brushing to remove mortar fins and smears before tooling joints.
B. Final Cleaning: After mortar is thoroughly set and cured, clean exposed masonry as follows:
   1. Test cleaning methods on sample wall panel; leave one-half of panel uncleaned for comparison purposes.
   2. Clean concrete masonry by applicable cleaning methods indicated in NCMA TEK 8-4A.

3.6 MASONRY WASTE DISPOSAL
A. Masonry Waste Recycling: Return broken CMUs not used as fill to manufacturer for recycling.
B. Excess Masonry Waste: Remove excess clean masonry waste that cannot be used as fill, as described above or recycled, and other masonry waste, and legally dispose of off Owner's property.

END OF SECTION 042200
SECTION 096519.23 - SOLID VINYL TILE FLOORING (LVT)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY
A. Section Includes:
   1. Solid vinyl floor tile.

1.3 ACTION SUBMITTALS
A. Product Data: For each type of product.
B. Samples for Initial Selection: For each type of floor tile indicated.
C. Product Schedule: For floor tile.

1.4 INFORMATIONAL SUBMITTALS
A. Qualification Data: For Installer.

1.5 CLOSEOUT SUBMITTALS
A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.6 QUALITY ASSURANCE
A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor tile installation and seaming method indicated.
1. Engage an installer who employs workers for this Project who are trained or certified by floor tile manufacturer for installation techniques required.

1.7 DELIVERY, STORAGE, AND HANDLING
A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F (10 deg C) or more than 90 deg F (32 deg C). Store floor tiles on flat surfaces.

1.8 FIELD CONDITIONS
A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 95 deg F (35 deg C), in spaces to receive floor tile during the following time periods:
   1. 48 hours before installation.
   2. During installation.
   3. 48 hours after installation.
B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F (13 deg C) or more than 95 deg F (35 deg C).
C. Close spaces to traffic during floor tile installation.
D. Close spaces to traffic for 48 hours after floor tile installation.
E. Install floor tile after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 SOLID VINYL FLOOR TILE - LVT
A. Products: Basis-of-Design Product: Subject to compliance with requirements, provide Karndeen or comparable product:
B. Tile Standard: ASTM F 1700.
   2. Type: B, embossed surface.
C. Thickness: 0.126 inch (3.2 mm).
D. Wear Layer: 20 mil (0.65 mm)
E. Size: at LVT1 – 9” X 56”; at LVT2 – 12” x 18”
F. Commercial Warranty: 15 years
G. Seamless-Installation Method: Chemically bonded.
H. Colors and Patterns: at LVT1 – Reclaimed French Oak; at LVT2- Honed Oyster Slate

2.2 INSTALLATION MATERIALS
A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by floor tile manufacturer for applications indicated.
B. Adhesives: Water-resistant type recommended by floor tile and adhesive manufacturers to suit floor tile and substrate conditions indicated. Verify adhesive is compatible with percent fly ash in concrete slab.

C. Seamless-Installation Accessories:

PART 3 - EXECUTION

3.1 EXAMINATION

   A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
      1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor tile.

   B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

   A. Prepare substrates according to floor tile manufacturer’s written instructions to ensure adhesion of resilient products.

   B. Concrete Substrates: Prepare according to ASTM F 710.
      1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
      2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by floor tile manufacturer. Do not use solvents.
      3. Alkalinity and Adhesion Testing: Perform tests recommended by floor tile manufacturer. Proceed with installation only after substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
      4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.
         a. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75% relative humidity level measurement.

   C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

   D. Do not install floor tiles until they are the same temperature as the space where they are to be installed.
      1. At least 48 hours in advance of installation, move resilient floor tile and installation materials into spaces where they will be installed.

   E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient floor tile.

3.3 FLOOR TILE INSTALLATION

   A. Comply with manufacturer’s written instructions for installing floor tile.

   B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
      1. Lay tiles square with room axis, unless otherwise indicated.

   C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.

   D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.

   E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.

   F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent marking device.

   G. Install floor tiles on covers for telephone and electrical ducts, building expansion-joint covers, and similar items in finished floor areas. Maintain overall continuity of color and pattern between pieces of tile installed on covers and adjoining tiles. Tightly adhere tile edges to substrates that abut covers and to cover perimeters.

   H. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

   I. Seamless Installation:
1. Chemically Bonded Seams: Bond seams with chemical-bonding compound to permanently fuse sections into a seam less flooring. Prepare seams and apply compound to produce tightly fitted seams without gaps, overlays, or excess bonding compound on flooring surfaces.

3.4 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protecting floor tile.

B. Perform the following operations immediately after completing floor tile installation:
   1. Remove adhesive and other blemishes from exposed surfaces.
   2. Sweep and vacuum surfaces thoroughly.
   3. Damp-mop surfaces to remove marks and soil.

C. Protect floor tile from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

D. Cover floor tile until Substantial Completion.

END OF SECTION 096519.23
PROPOSED CONTRACTOR LAY DOWN AREA

THIS FACILITY HAS BEEN REMOVED & THE SITE IS CLEAR

Lot 1 Brownsville Banana Company Subdivision
Vol. 59, Pg. 164, Map Records of Nueces County, Texas
(Owner: The Murray Palitz Living Trust)

Document No. 2017003710, O.P.R.N.C.T.

FL EL=****'

Inside

USABLE FOR CITY PARKING

Access

Conex Box

18"RCP

FL EL=4.62'

Conex Box

7"'

AS DETERMINED BY THE CONTRACTOR

59.5'

F.F.

EL=8.10'

54.3'

1 Story Structure

Stucco

MHSS

FL EL=4.79'

1.6'

1 Story Structure

EL=8.07'

1.0'

1.0'

1.0'

1.6'

TRAVERSE POINT

WOOD

TRAVERSE POINT HUB AND

F

F

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5/8" I.R.
GALV. STEEL HANDRAILS (PTD) MOUNTED @ 36" TO TOP OF GRIPPING SURFACE FROM RAMP SURFACE - SUPPORTS SHALL BE @ 48" O.C. (TYP)

15" DIMENSIONAL LETTER SIGNAGE (BACKLIT) RE: 3 / A-201 & ELECTRICAL COORDINATE WITH CIVIL

CONCRETE COLOR, POLISHED TYPE 1

SIGNED ON 

EXPIRATION DATE

TRUE NORTH

PLAN

No. Description Date
1 Addenda #1 5-31-23
2 Addenda #2 6-15-23

CITY OF PORT ARANSAS
PUBLIC SAFETY CENTER
PORT ARANSAS, TEXAS

Scale: 1/4" = 1'-0"
Any inconsistencies or discrepancies to the architect immediately for resolution before beginning construction.

1. The contractor shall carefully review the drawings, specifications, general plan notes, and site conditions prior to beginning any work and report the same to the architect.

2. Consult the technical memorandum TM 03-02 issued by the Texas Department of Transportation for proper installation as accepted by standard building practice.

3. Items specifically mentioned in the specifications but not shown on the drawings shall be sealed, caulked, and/or weather-stripped to prevent or limit air, water, and weather penetration.

4. All floor plan dimensions are to face of CMU, masonry or metal stud. The specifications, but are necessary for the proper completion of the equipment to be installed. All housekeeping pads shall be a minimum of 4".

5. All floor finish changes shall occur at the centerline of doors and thresholds or reducers strips as specified.

6. Casework, plumbing fixtures, toilet partitions, and other fixtures and equipment are dimensioned from finished surfaces unless noted otherwise.

7. All interior doors in stud walls shall be set 6" off the perpendicular adjacent wall on the hinge side of the door unless otherwise noted.

8. All interior doors in stud walls shall be set 6" off the perpendicular adjacent wall on the hinge side of the door unless otherwise noted.

9. Provide corner guards at all interior gypsum board wall corners as specified.

10. Provide corner guards at all interior gypsum board wall corners as specified.

11. All interior doors in stud walls shall be set 6" off the perpendicular adjacent wall on the hinge side of the door unless otherwise noted.

12. All interior doors in stud walls shall be set 6" off the perpendicular adjacent wall on the hinge side of the door unless otherwise noted.

13. Open exterior joints around door and window frames, between walls and thresholds or reducers strips as specified.

14. Effectively isolate all dissimilar metals/materials to prevent corrosion between walls and roof, between wall panels, at walls and roof penetrations and any other building envelope penetrations.

15. Properly terminate all materials with appropriate trim, flashing, and/or metal backup as specified.

16. Properly terminate all materials with appropriate trim, flashing, and/or metal backup as specified.

17. All exterior joints shall be coped and/or machined and/or stepped as noted.

18. All exterior joints shall be coped and/or machined and/or stepped as noted.

19. Refer to sheet A-601 for all partition types.


21. All doors in interior CMU walls & exterior masonry walls shall be set 6" off the perpendicular adjacent wall on the hinge side of the door unless otherwise noted.
27'-0" SCALE: 1/4" = 1'-0"

4'-4 1/2" 5'-0" 4'-4 1/2"

R 30' - 0"

REFER 13 / A-112

A-318

1'-8 1/4" A-315

1'-3" 7'-5 3/8" 19'-4"

AD 1'-3"

1'-9 1/4" 11'-1 1/4" 2'-0"

11 3/4" 10 1/2" 13'-1 1/2" 15'-6" 10 5/8"

30'-4 1/2"

371'-0" 297'-0" 368'-0"

1'-9 1/4"

10. PROVIDE CORNERGUARDS AT ALL INTERIOR GYP. BOARD WALL CORNERS AS DISCIPLINES AND/OR MANUFACTURERS.

11. DIMENSIONS NOTED AS "CLEAR" REQUIRE SPECIFIC COORDINATION BETWEEN DISCIPLINES AND/OR MANUFACTURERS.

12. ALL FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS UNLESS NOTED OTHERWISE. ALL FLOOR FINISH ELEVATION CHANGES SHALL HAVE TO ANY ROUGH-IN AND CONCRETE PLACEMENT.

13. DIMENSIONS NOTED AS "FIELD VERIFY" SHALL BE CHECKED AT THE SITE BY THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS FOR RESOLUTION.

14. ALL MINOR DETAILS OF WORK WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS OR ITEMS SHOWN ON THE DRAWINGS BUT NOT SPECIFICALLY MENTIONED IN THE SPECIFICATIONS SHALL BE PROVIDED AS IF THEY WERE BOTH SPECIFIED AND INDICATED.

15. ASSEMBLES SHALL BE SET A MINIMUM OF 4" OFF THE PERPENDICULAR AND ROOF PENETRATIONS AND ANY OTHER BUILDING ENVELOPE PENETRATION IN ANY DIRECTION. COORDINATE ALL FLOOR DRAINS WITH PLUMBING DRAWINGS PRIOR TO ANY INCONSISTENCIES OR DISCREPANCIES TO THE ARCHITECT IMMEDIATELY FOR AUTHORITY AND PRIORITY. BASE DISAGREEMENTS IN THEMSELVES OR IN EACH CLARIFICATION AS NEEDED.

16. SECURE ALL EQUIPMENT, HANDRAILS, CASEWORK, ETC. AS REQUIRED. WOOD SEALANT, EXPANSION CONTROL, ETC. AS INDICATED ON DRAWINGS OR AS REQUIRED FOR PROPER INSTALLATION AS ACCEPTED BY STANDARD BUILDING PRACTICE.

17. SINGLE USER TOILET ROOMS MAY BE CONFIGURED IN ACCORDANCE WITH LICENSING AND REGULATIONS, ARCHITECTURAL BARRIERS DIVISION ALLOWING THE LONG AS A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED.

18. REFER TO SHEET A-601 FOR ALL PARTITION TYPES.

19. REFER TO SHEET A-602 FOR ALL PARTITION TYPES.

20. REFER TO SHEET A-603 FOR ALL PARTITION TYPES.

21. REFER TO SHEET A-604 FOR ALL PARTITION TYPES.

22. SET ALL EXTERIOR DOOR THRESHOLDS IN FULL BED OF MANUFACTURER UNLESS NOTED OTHERWISE. ALL INTERIOR DOORS IN STUD WALL THRESHOLDS OR REDUCERS STRIPS AS SPECIFIED.

23. ALL SPACES WITH FLOOR DRAINS - SLOPE NOT TO EXCEED 2% (ONE - IN - FIFTY) IN OTHERWISE.

24. PROVIDE CORNERGUARDS AT ALL INTERIOR GYP. BOARD WALL CORNERS AS DISCIPLINES AND/OR MANUFACTURERS.

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>ROOM NAME</th>
<th>FLOOR FINISH</th>
<th>BASE FINISH</th>
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<td>D100</td>
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</tbody>
</table>

**Legend:**
- ON ACCESS FLOORING.
- PROVIDE MOISTURE RESISTANT GYP BOARD @ WALLS

**Remarks:**
- FINISH AS SELECTED BY ARCH., MOUNT AS DIRECTED BY STRUCTURAL, CIVIL, CONSULTANTS

**City of Port Aransas Public Safety Center, Port Aransas, Texas**

**Signed On:**
- 11/30/23

**Drawing:**
- 2 Addenda #2 6-15-23

**Scale:**
- 1"=20'-0" OHF, 1"=24'-0" PLF

**For:**
- City of Port Aransas Public Safety Center

**Revised:**
- 6-15-23

**Prepared:**
- 3/11/2023

**Reviewed:**
- 3/11/2023

**Checked:**
- 3/11/2023

**Drawn:**
- T 956.365.4822

**Reviewed:**
- T 361.884.2661

**Signed:**
- F 956.365.4822

**Prepared:**
- T 361.884.4232

**Sheet Title:**
- Room Schedule

**Sheets:**
- A-109
### Window Schedule

<table>
<thead>
<tr>
<th>Name</th>
<th>Frame</th>
<th>Height</th>
<th>Width</th>
<th>Glazing</th>
<th>Frame Material</th>
<th>Head</th>
<th>Jamb</th>
<th>Sill</th>
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<td>6'-0&quot;</td>
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<td>GL-1</td>
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<td>GL1</td>
<td>ALUM</td>
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<td>GL1</td>
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### Louver Schedule

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<th>Width</th>
<th>Glazing</th>
<th>Frame Material</th>
<th>Head</th>
<th>Jamb</th>
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<td>GL1</td>
<td>GL1</td>
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</table>
1. All finish materials must meet the flame spread ratings per the Building Code.

2. Refer to Interiors Elevations for specific material locations.

3. Paint all non-factory finished exposed metal.

4. Paint all HVAC components exposed metal.

5. Refer to Typical Flooring Transition Details for all flooring transitions.

6. Flooring transitions at doors should be located under the door frame.

7. Contractor will be responsible for protecting finished door in the closed position, unless noted otherwise.

8. Provide bullnose trim at transitions from ceramic wall tile to other material, unless noted otherwise.

9. Carpet patterns to run parallel to corridor, unless noted otherwise.

10. All electrical device covers are to be white, unless noted otherwise.

11. All Hollow Metal Door Frames to be painted to match otherwise.

12. Monitor, 55" HD TV (N.I.C.)

Materials for graphics / colors / refer to color sheets.
GENERAL FINISH NOTES
1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER GENERAL FINISH NOTES.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIED MATERIAL LOCATIONS.
3. PAINT ALL UNFINISHED EXPOSED METAL.
4. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING PHASES.
6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR FRAME.
7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED MATERIALS.
8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.
9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
10. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.
11. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.

ACOUSTICAL WALL PANEL - 2'x2' - MOUNT @ 7'-4"
ACOUSTICAL WALL PANEL - 2'x4' - MOUNT @ 7'-4"
1. All finish materials must meet the flame spread ratings per ASTM E84.
2. Refer to reflected ceiling plans for ceiling heights.
3. Refer to all finishes and colors in finish schedule. Verify all other material, unless noted otherwise.
4. Paint all non-factory finished exposed metal.
5. One hook inside door at each toilet partition. One hook inside "Z" locker.
6. Urinal partition shall be a min. of 18" deep & extend a max. of 12" from wall.
7. Contractor will be responsible for protecting finished surfaces and materials.
8. Provide bullnose trim at transitions from ceramic wall tile to other materials, unless noted otherwise.
9. Refer to interior elevations for specific material locations.
10. All electrical device covers are to be white unless noted otherwise.
11. All hollow metal door frames to be painted to match.
12. All toilet accessories shall be contractor furnished.

TOILET ACCESSORIES

- 24" X 36" Mirror
- 24" x 18" x 72" 2 Tier "Z" Locker
- 6'-0" Norix Model IBF-72
- 6'-0" Norix B525-104 w/s
to Security Bunk Bed EQ. TO TA-3, TA-7, TA-5
- 20" X 42" Seat & 18" X 42" backrest
- Sanitary napkin dispenser
- Sanitary napkin disposal
- Paper towel dispenser
- 2 Gal. Waste Receptacle / Surface mounted paper towel dispenser / Electric hand dryer
- Shower curtain, rod and hooks
- Grab bars at alternate accessible toilet stall
- Recessed toilet paper holder
- Surface mounted paper towel dispenser
- 24" x 18" x 72" 2 Tier "Z" Locker
- Clothes hook
- Cloth napkin dispenser
- 24" x 18" x 72" 2 Tier "Z" Locker
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- 24" x 18" x 72" 2 Tier "Z" Locker
- 24" x 18" x 72" 2 Tier "Z" Locker

NOTE: All toilet accessories shall be contractor furnished above the floor to a min. of 60".
1. All finish materials must meet the flame spread ratings per the building code.

2. Paint all non-factory finished exposed metal.

3. Paint all exposed ductwork, conduit, electrical equipment, and installed unles noted otherwise.

4. Align mirror on center of lavatory.

5. Refer to standard flooring transition details for all flooring materials.

6. Flooring transitions at doors should be located under the finished floor level.

7. Contractor will be responsible for protecting finished materials.

8. Provide bullnose trim at transitions from ceramic wall tile to other flooring surfaces from damage during all construction phases.

9. Refer to reflected ceiling plans for ceiling heights.

10. All electrical device covers are to be white unless noted otherwise.

11. Carpet patterns to run parallel to corridor, unless noted otherwise.

12. All hollow metal door frames to be painted to match otherwise.

13. Paint all exposed ductwork, conduit, electrical equipment, and installed unless noted otherwise.

14. Refer to interior elevations for specific material locations.

TOILET ACCESSORIES

1. Coordinate final locations with architect prior to installation.

2. Toilet accessories shall be contractor furnished and installed unless noted otherwise.

3. Refer to all finishes and colors in finish schedule. Verify all with ADA.

4. One hook inside door at each toilet partition. One hook inside stall.

5. Grab bars at accessible shower.

6. Urinal partition shall be a min. of 18" deep & extend a max. of 12".

7. Sanitary napkin dispenser.

8. Sanitary napkin disposal.


10. Electric hand dryer.

11. Mop & broom holder.

12. Folding shower bench.

13. Shower curtain, rod and hooks.


15. Grab bars at typical hose. toilet stall.

16. Grab bars at accessible toilet stall.

17. Toilet paper dispenser.


20. 60" x 36" mirror.

21. 24" x 36" mirror.

22. Soap dispenser.

23. Toilets paper dispenser.
GENERAL FINISH NOTES

1. ALL FINISH MATERIALS MUST MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.

2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.

3. PAINT ALL EXPOSED DUCTWORK, CONDUIT, ELECTRICAL EQUIPMENT, ETC TO MATCH ADJACENT SURFACES.

4. PAINT ALL NON-FACTORY FINISHED EXPOSED METAL.

5. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR ALL FLOORING MATERIALS.

6. FLOORING TRANSITIONS AT DOORS SHOULD BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, UNLESS NOTED OTHERWISE.

7. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.

8. PROVIDE BULLNOSE TRIM AT TRANSITIONS FROM CERAMIC WALL TILE TO OTHER MATERIAL, UNLESS NOTED OTHERWISE.

9. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.

10. ALL ELECTRICAL DEVICE COVERS ARE TO BE WHITE UNLESS NOTED OTHERWISE.

11. CARPET PATTERNS TO RUN PARALLEL TO CORRIDOR, UNLESS NOTED OTHERWISE.

12. ALL HOLLOW METAL DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR.

KITCHEN EQUIPMENT SCHEDULE

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<td>2</td>
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INTERIOR ELEVATIONS
SCALE: 1 1/2" = 1'-0"

MOISTURE BARRIER (TYP.)

STUD FRAMING AT 16" O.C.

PLASTER

5/8" SHEATHING w/ AIR / MOISTURE BARRIER (TYP.)

6", COLD FORMED METAL CHANNELS

3/4" PORTLAND CEMENT

TEXTURED FINISH (TYP.)

EMBED IN BASE COAT FOR CHANNELS

MOISTURE BARRIER (TYP.)

PLASTER CORNER BEAD,

EMBED IN BASE COAT FOR PLASTER

TEXTURED FINISH (TYP.)

MOISTURE BARRIER (TYP.)

CHANNELS

3/4" PORTLAND CEMENT

EMBED IN BASE COAT FOR 5/8" SHEATHING w/ AIR /

7/8", COLD FORMED HAT PANEL (TYP.)

5/8" SHEATHING w/ AIR /

3/4" PORTLAND CEMENT

PRE-FINISHED METAL ROOF

RAKE TRIM

TEXTURED FINISH (TYP.)

MOISTURE BARRIER (TYP.)

CHANNELS

3/4" PORTLAND CEMENT

EMBED IN BASE COAT FOR 5/8" SHEATHING w/ AIR /

7/8", COLD FORMED HAT PANEL (TYP.)

5/8" SHEATHING w/ AIR /

7/8", COLD FORMED HAT PANEL (TYP.)

MOISTURE BARRIER (TYP.)

STUD FRAMING AT 16" O.C.

FIBER CEMENT SIDING

6", COLD FORMED METAL

PRE-FINISHED METAL ROOF

RAKE TRIM

TEXTURED FINISH (TYP.)

MOISTURE BARRIER (TYP.)

CHANNELS

3/4" PORTLAND CEMENT

EMBED IN BASE COAT FOR 5/8" SHEATHING w/ AIR /

7/8", COLD FORMED HAT PANEL (TYP.)

5/8" SHEATHING w/ AIR /

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MOISTURE BARRIER (TYP.)

STUD FRAMING AT 16" O.C.

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5/8" SHEATHING w/ AIR /

7/8", COLD FORMED HAT PANEL (TYP.)

MOISTURE BARRIER (TYP.)

STUD FRAMING AT 16" O.C.

FIBER CEMENT SIDING

6", COLD FORMED METAL
3 RAMP EDGE DETAIL

4 HANDRAIL DETAIL

SCALE: 3" = 1'-0"

1 1/2"

5 1/2"

ALUM. PLATE

2"x2" MOUNTING

3/4" O.D. SUPPORTS HANDRAILS

WALL MOUNTED w/ STRUCT. CONC. SLAB

NAILER RECESSED INTO PLYWOOD SUBFLOOR

1" MIN. FIRE RETARDANT FINISH FLOORING

IN LEVEL 303.3 303.2 OR BEVELED CHANGE 1/4" MAX.

WOOD FLOORING

PLYWOOD SUBFLOOR

3/4" FIRE RETARDANT -

ACOUSTICAL CEILING TILE

FINISH SCHEDULE FOR TYPE SYSTEM, REFER TO RCP AND (GROUT FILLED)

(2) 2" STRETCHERS (GLAZED)

FLOOR MODEL CS1000W-100 USA CAMASSCRETE ACCESS SYSTEM EQ. TO NETFLOOR (TYP.)

FLOOR CABLE MANAGEMENT

STUD FRAMING AT 16" O.C.

SOUND ATTENUATION BATTS

5/8" GYP. BD. (TYP.)

3 5/8", COLD FORMED METAL GYPSUM BOARD

5/8" MOISTURE RESISTANT 3 5/8", COLD FORMED METAL STU" FRAMING AT 16" O.C.

SOUND ATTENUATION BATTS

3 5/8", COLD FORMED METAL" CERAMIC TILE

GYPSUM BOARD

STUD FRAMING AT 16" O.C.

5/8" MOISTURE RESISTANT

ACOUSTICAL CEILING TILE SPEC'D.

ROOF MEMBRANE AS FINISH SCHEDULE FOR TYPE SYSTEM, REFER TO RCP AND T.O.B.

14' - F.F. - 0"

FLOOR MODEL CS1000W-100 USA CAMASSCRETE ACCESS SYSTEM EQ. TO NETFLOOR (TYP.)

FLOOR CABLE MANAGEMENT

STUD FRAMING AT 16" O.C.

SOUND ATTENUATION BATTS

3 5/8", COLD FORMED METAL" CERAMIC TILE

GYPSUM BOARD

STUD FRAMING AT 16" O.C.

5/8" MOISTURE RESISTANT

ACOUSTICAL CEILING TILE SPEC'D.

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STUD FRAMING AT 16" O.C.

SOUND ATTENUATION BATTS

3 5/8", COLD FORMED METAL" CERAMIC TILE

GYPSUM BOARD

STUD FRAMING AT 16" O.C.

5/8" MOISTURE RESISTANT

ACOUSTICAL CEILING TILE SPEC'D.
PLAN
OVERALL REFLECTED CEILING

CEILING LEGEND:

- Architectural Concrete Finish
- Cement Plaster Soffit (CP 2x2 Suspended Lay-In Ceiling)
- Gypsum Board Ceiling
- Motored Projection Screen Shall Be Mounted As Per MFR's Recommendations & Supports As Per MFR's Recommendations & Supports As Per MFR's
- Non-Selected By Architect
- Deck Shall Be Painted (Rubbed)

NOTES:
1. All Ceiling and Soffit Heights Are Not Shown About Their Respective General Ceiling Notes
2. Dimensions Are Shown For Design Purposes Only
3. Dimensions Are Shown For Design Purposes Only
4. Causes All Appearances May Not Be Shown On Structural Drawings
5. Causes All Appearances May Not Be Shown On Structural Drawings
6. Castle Finished Soffits May Not Be Shown On Structural Drawings
7. Castle Finished Soffits May Not Be Shown On Structural Drawings
8. Gypsum Board Ceilings Shall Be Motorized As Per MFR's Recommendations & Supports As Per MFR's
9. Shall Not Be Shown On Structural Drawings
10. Gypsum Board Ceilings Shall Be Motorized As Per MFR's Recommendations & Supports As Per MFR's

RECOMMENDATIONS & SUPPORTS AS PER MFR'S RECOMMENDATIONS.

8. Lighting fixtures are shown for dimensional purposes only

3. Some or all sprinklers may not be shown on this plan.

1. All ceiling and soffit heights are given above their respective general ceiling notes.

COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION.

LOCKERS

TOILET

STORAGE

TOILET

ALCOVE

COURT

MUNICIPAL

DEPUTY

Lobby

COUNTY JP.

COUNTY

IT

IT ROOM

STORAGE

STORAGE

RECORDS

DISPATCH

RECORDS

LAUNDRY

ARMORY

LOCKERS

CUST. /

LOCKERS

TOILET

MEN'S

TOILET

WOMEN 1

WOMEN 2

MEN 1

MEN 2

MEN 3

MEN 4

UNISEX

UNISEX ADA

CORRIDOR

CORRIDOR

CORRIDOR

ALCOVE

VIOLENT

ALCOVE

VIOLENT

MATCHLINE

MATCHLINE

MATCHLINE

/SEE 1 A-405/

/SEE 1 A-406/

/SEE 1 A-407/

RECOMMENDATIONS & SUPPORTS AS PER MFR'S RECOMMENDATIONS.
1. Reference 1/S2.1 for Foundation Plan and Notes.

2. Control Joint Foundation Plan

+ Reference 1/S2.1 for Foundation Plan and Notes

CONTROL JOINT FOUNDATION PLAN

N 1/8" = 1'-0"
1. Reference SHEET S3.2 FOR ROOF OUTTRIGGERS AT 10K1 AT 6'-0" O/C MAX.
2. Reference SHEET S3.3 FOR ROOF DECK REF NOTE 2.
3. ROOF DECK SHALL BE 1.5B 22GA GALV DECK BY VULCRAFT OR APPROVED EQUAL (lp=0.155 IN/FT; ln=0.183 IN/FT; Fy=33KSI). ATTACH DECK TO SUPPORTS USING 5/8" PUDDLE WELDS ON A 36/7 PATTERN AND 5 #10 TEK SCREW SIDE LAP FASTENERS.
4. REQUIRED AT EDGE OF EXTERIOR SHEATHING UNLESS NOTED OTHERWISE.
5. DECK ON TOP OF OUTTRIGGERS TO BE CROSS-FRAME TIED AT 24" O/C TO FRAMES.
6. ATTACH OUTTRIGGERS TO EXTERIOR SHEATHING WITH MINIMUM 3/4" DIA. HANGER BOLTS (OR IF NOT AVAILABLE, 1/2" DIA. HANGER BOLTS WITH 7/8" PLUGS TO BE WELDED IN).
1. HIGH ROOF BRACE PROFILES

2. RAMP SIGN FRAME

---

Sheet Title: HIGH ROOF BRACE PROFILES
1. PLUMBING KEYPED NOTES

2. ELECTRICAL KEYPED NOTES

ELECTRICAL SITE PLAN NOTES:
1. MINIMUM SITE PANEL CIRCUIT SIZE ALREADY SHOWN AS 2#10, #10GND IN A 1" C.U. UNLESS OTHERWISE NOTED.
2. COORDINATE TEMPORARY AND PERMANENT ELECTRIC SERVICE WITH UTILITY COMPANY, REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
3. PROVIDE PRIMARY AND SECONDARY LEAD-IN CONDUIT FROM SITE PANEL TO MAIN SERVICE PANEL.
4. PROVIDE LOUVERED GABLE MOUNTS REFER TO DRAWING FOR DETAIL.
5. PROVIDE TECHNICIAN PANELS REFER TO DRAWING FOR DETAIL.
6. PROVIDE GFCI PROTECTION.
7. PROVIDE COMMUNICATIONS HANDHOLE.
8. PROVIDE 2" CONDUIT WITH PULL STRING FOR INTERNET SERVICE PROVIDER.
9. PROVIDE COMMUNICATIONS KEYED NOTES.
10. PROVIDE COMMUNICATIONS AND LIGHT FIXTURE DO NOT EXCEED THE EPA RATING OF THE LIGHT POLE.

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We make no representation as to this drawings completeness, currency or accuracy because of reasons inherent to CAD and however, this apparent accuracy is an artifact of the techniques used to generate it, and is in no way intended to imply actual accuracy. The user of this data takes full responsibility for the accuracy and correctness of all measurements, area, inventories or other data extracted from this, either manually or with the use of a computer. This light level analysis is an specified light levels for exterior applications. Any variance from reflectance values, obstructions, light loss factors or accurate as is permitted by the third party software and the IES standards used. In addition, calculated values may vary from actual measurements in certain situations due to variances, such as but not limited to, lamp output, input voltage ballast variances, manufacturing tolerances and application variances. The presence of objects will decrease light levels and may cause some shadowing. Lighting application drawings are being provided to the recipient of this disclaimer. Unless specified otherwise, lighting calculations are based on these interior reflectance values = 80% ceilings - 50% walls - 20% floors.
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MECHANICAL MEZZANINE - AREA D

MECHANICAL MEZZANINE - 3D
### AIR HANDLING UNIT SCHEDULE

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### ELECTRIC UNIT HEATER SCHEDULE

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### KITCHEN EXHAUST HOOD

1. Self-Cleans forSuppression System
2. Metal in Stainless Steel Liner Pull System
3. Unit is used to provide fresh ventilation.

### OUTDOOR DESIGN INSIDE DESIGN OUTSIDE DESIGN

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### KEF-1 KEF-2 KEF-3 KEF-4 KEF-5

1. Self-Cleans for Suppression System
2. Metal in Stainless Steel Liner Pull System
3. Unit is used to provide fresh ventilation.

### DX MINI-SPLIT AIR CONDITIONING UNIT

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<td>SPD</td>
<td>AAON</td>
<td>CEILING</td>
<td>400</td>
<td>600</td>
<td>1590</td>
<td>1250</td>
<td>90</td>
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<tr>
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<td>CEILING</td>
<td>9870</td>
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<td>1250</td>
<td>90</td>
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<tr>
<td>MSSL</td>
<td>AAON</td>
<td>CEILING</td>
<td>41978</td>
<td>1590</td>
<td>1250</td>
<td>90</td>
<td>--</td>
<td></td>
</tr>
</tbody>
</table>
LIGHTING PLAN GENERAL NOTES:

A. ALL FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
B. ALL FIXTURES ARE TO BE 2X4 OR 2X2 SIZE.
C. OCCUPANCY SENSOR DEVICES ARE INSTALLED AND OPERATIONAL.
D. LIGHTING CONTROLS ARE OPERATING AS PRESCRIBED BY THE ARCHITECT.
E. LIGHTING CONTROLS SHALL TURN LIGHTING ON TO NOT MORE THAN 50 PERCENT OF OCCUPANCY.
F. TEST OF OCCUPANCY SENSOR DEVICES SHALL ENSURE THE SENSOR TO OPERATE.
G. LIGHTING CONTROLS SHOULD NOT BE TESTED USING TESTING DEVICES.
H. CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING.
I. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING:

- LOCATION AND AIMING ARE SET APPROPRIATELY.
- MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
- TIME DELAYS ARE SET APPROPRIATELY, AND
- ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

LIGHTING CONTROLS SEQUENCE OF OPERATIONS:

1. LIGHTING CONTROLS SHALL NOT BE TESTED USING TESTING DEVICES.
2. CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING:
   a. LOCATION AND AIMING ARE SET PER DRAWINGS.
   b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
   c. TIME DELAYS ARE SET APPROPRIATELY.
   d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

LIGHTING CONTROLS COMMISSIONING PLAN:

- CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING:
  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY, AND
  d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

- CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING:
  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY.
  d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

- CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING:
  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY.
  d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

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  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY.
  d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

- CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING:
  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY.
  d. ENSURE OCCUPANCY SENSORS ARE INSTALLED AND OPERATIONAL.

- CONTRACTOR SHALL COMPLETE THE TASKS BELOW TO VERIFY THE LIGHTING CONTROLS ARE OPERATING:
  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
  c. TIME DELAYS ARE SET APPROPRIATELY.
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  a. LOCATION AND AIMING ARE SET PER DRAWINGS.
  b. MOVEMENT OUTSIDE OF THE SPACE DOES NOT CAUSE THE SENSOR TO OPERATE.
LIGHTING PLAN GENERAL NOTES:
A. LIGHTING FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
B. LIGHTING FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
C. LIGHTING FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
D. LIGHTING FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
E. LIGHTING FIXTURES ARE TYPE "A1" UNLESS NOTED OTHERWISE.
F. PROVIDE UNSWITCHED POWER TO ALL EXIT SIGNS FROM
G. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED
H. CONTRACTOR SHALL INDICATE LIGHTING CIRCUIT CONTROLLED
I. MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 1/2"
J. HALL LIGHTING AND ALL COMMON AREA CIRCUITS NOT
K. MINIMUM CIRCUIT SIZE IS 2 #12 AND 1 #12 GROUND IN 1/2"
L. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
M. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
N. REFER TO RESPECTIVE SIDE OF THE BOUNDARY MATCHLINE
O. REFER TO RESPECTIVE SIDE OF THE BOUNDARY MATCHLINE
P. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
Q. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
R. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
S. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
T. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
U. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
V. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
W. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
X. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
Y. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE
Z. PROVIDE GENERATOR TRANSFER DEVICE (GTD) FOR THE

LIGHTING CONTROLS SEQUENCE OF OPERATIONS:
A. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
B. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
C. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
D. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
E. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
F. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
G. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER
H. PHOTOCOAXIAL ON/PHOTOCOAXIAL OFF. REDUCE LIGHTING POWER

LIGHTING CONTROL/COMMISIONING PLAN:
A. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
B. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
C. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
D. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
E. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
F. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
G. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING
H. CONTRACTOR SHALL COMPLETE AND DOCUMENT THE FOLLOWING

ELECTRICAL KEYED NOTES:
A. ELECTRICAL KEYED NOTES
B. ELECTRICAL KEYED NOTES
C. ELECTRICAL KEYED NOTES
D. ELECTRICAL KEYED NOTES
E. ELECTRICAL KEYED NOTES
F. ELECTRICAL KEYED NOTES
G. ELECTRICAL KEYED NOTES
H. ELECTRICAL KEYED NOTES

ELECTRICAL LIGHTING PLAN - AREA C
POWER PLAN GENERAL
NOTES:
A. All other plan views will be shown with 200/200 foot scale unless otherwise noted.
B. Dimensions shown on elevations are approximate and shall be verified by the contractor.
C. All fixtures and appliances are to be mounted not less than 82" above floor level and not more than 96" above floor level.
D. Provide #10 AWG MIN NEUTRAL for ALL multiwire branch circuits.
E. Coordinate receptacle locations with millwork and counter.
F. Maximum receptacle spacing is 30' except in corridors.
G. All equipment shall have a local disconnecting means, either corded plug and receptacle or switched disconnect. Verify from equipment manufacturer.
H. All receptacles serving drinking fountains shall be tamper-proof devices.
I. Provide isolation ground feeder for all water-proof low voltage junction boxes.
J. 2 PROVIDE 120V TO JUNCTION BOX FOR AUDIO/VISUAL CABLE. SEE DETAIL. PROVIDE FINISHED FLOOR BY DIVISION 27.
K. Provide isolation ground receptacles for all isolation ground branch circuits.
L. Provide tamper proof receptacles for all toilet rooms and locker rooms.
M. Provide tamper proof receptacles for all permanently installed appliances.
N. Provide tamper proof receptacles for all permanently installed appliances.
O. Provide tamper proof receptacles for all permanently installed appliances.

ELECTRICAL KEYED NOTES:
1. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
2. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
3. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
4. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
5. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
6. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
7. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.
8. PROVIDE HANDLE TIES FOR BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR BRANCH CIRCUITS.

EXP. DATE: 11/22/23
PURPOSES.
NOT INTENDED FOR BIDDING, INTERIM REVIEW AND ARE THESE DOCUMENTS FOR INTERIM REVIEW.
POWER PLAN GENERAL

1. ALL VEOIL PLANS ARE TO BE PROVIDED AT 3/4" PER SERIES R 2007-2009

2. MECHANICAL OUTLET MOUNTING HEIGHT TO CENTER LOCUS 24 IN

3. PROVIDE LOCAL DISCONNECTING MEANS FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

4. PROVIDE #10 AWG MIN NEUTRAL FOR ALL MULTIWIRE BRANCH CIRCUITS AND PROVIDE HANDLE TIES FOR CIRCUIT BREAKERS AS REQUIRED BY NEC 210.4

5. PROVIDE INDIVIDUAL DISCONNECTS FOR ALL SMOKE DETECTORS AS REQUIRED BY EQUIPMENT SUBMITTAL. PER NEC OTHERWISE, PROVIDE RECEPTACLE, CORD RECEPTACLE. IF DIRECT CONNECT, PROVIDE SWITCH AS SUBMITTED OR RELOCATED IF DIRECT CONNECT OR SWITCHED DISCONNECT. VERIFY FROM EQUIPMENT MEANS, EITHER CORDED PLUG AND RECEPTACLE OR GFI.

6. ALL EQUIPMENT SHALL HAVE A LOCAL DISCONNECTING RECEPTACLES SERVING DRINKING FOUNTAINS, RECEPTACLES, UNDERCOUNTER EQUIPMENT, AND ALL RECEPTACLES, BATHROOM/TOILET ROOMS, EXTERIOR WALLS. SEE OWNER/ARCHITECT. REVIEW ARCHITECTURAL MILLWORK UNLESS SPECIFICALLY DIRECTED BY CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO WALLS. SEE ARCHITECTURAL FOR WALL RATINGS.

7. PROVIDE TAMPER PROOF RECEPTACLES FOR ALL IG0020. ORANGE IN COLOR AND HAVE ISOLATED GROUND FEEDER PENETRATIONS.

8. PROVIDE FIRE RATED SLEEVES IN ALL FLOOR SHEET ROCK AND REPAIR.

9. FIRESTOP ALL CONDUIT PENETRATIONS IN RATED FIRE DAMPERS AND VAV'S. NO EXCEPTIONS.

10. PROVIDE GFI RECEPTACLES WITHIN 6' OF ALL SINKS, ARCH. ELEVATIONS PRIOR TO RECEPTACLE ROUGH-INS. SEE OWNER/ARCHITECT. REVIEW ARCHITECTURAL MILLWORK AND COUNTERS. DO NOT LOCATE RECEPTACLES BEHIND DRAWERS OR HIDDEN IN MILLWORK.

11. PROVIDE MADRE SLEEVE IN ALL FLOOR

12. PROVIDE MADRE SLEEVE IN ALL FLOOR

13. COORDINATE THE LOCATIONS OF DATA/CATV JACKS WITH PROJECT NO. DESCRIPTION DATE

14. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

15. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

16. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

17. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

18. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

19. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

20. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

21. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

22. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

23. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.

24. PROVIDE LOCAL DISCONNECTING RECEPTACLES FOR ALL MULTIPLE DEVICES ARE TOGETHER, STACK BUT NO MORE THAN 72 INCHES AFF.
FEEDER SCHEDULE

# OF SYMBOL
1000YA 700YA 400YA 350YA 250YA 200YA 135YA 1 1 1 1 1 1 1

1 ONE LINE DIAGRAM

1. REFER TO TRANSFORMER CONNECTION SCHEDULE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2. ELECTRICAL/MEP CONTRACTORS ARE RESPONSIBLE FOR INSTALLING ALL ELECTRICAL MATERIALS AND ELECTRICAL EQUIPMENT IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. TRANSFORMER CONNECTIONS SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
4. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.

GROUNDING DETAIL

1. REFER TO TRANSFORMER CONNECTION SCHEDULE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2. THE TRANSFORMER CONNECTION SCHEDULE SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.

TRANSFORMER GROUNDING DETAIL

1. REFER TO TRANSFORMER CONNECTION SCHEDULE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2. THE TRANSFORMER CONNECTION SCHEDULE SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.

NOTE:

250KW 480/277V 3-PHASE DIESEL GENERATOR

1. REFER TO TRANSFORMER CONNECTION SCHEDULE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2. THE TRANSFORMER CONNECTION SCHEDULE SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.

1. REFER TO TRANSFORMER CONNECTION SCHEDULE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.
2. THE TRANSFORMER CONNECTION SCHEDULE SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.

NOTE:

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NOTE:

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2. THE TRANSFORMER CONNECTION SCHEDULE SHALL BE PROVIDED BY ELECTRICAL CONTRACTORS. THE TRANSFORMER CONNECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE TRANSFORMER CONNECTION SCHEDULE.
3. ALL ELECTRICAL EQUIPMENT THAT ARE IN OTHER THAN DWELLING UNITS SHALL BE LEGIBLY MARKED IN THE FIELD WITH MAXIMUM AVAILABLE FAULT CURRENT AT THE TIME OF INSTALLATION AND CALCULATION.
<table>
<thead>
<tr>
<th>Fixture Description</th>
<th>Location</th>
<th>Current</th>
<th>Normal Amps</th>
<th>Normal V</th>
<th>VA</th>
<th>Switches</th>
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</thead>
<tbody>
<tr>
<td>VAV 3-16 FAN</td>
<td>1/3 First Floor</td>
<td>7.4 A</td>
<td>15 A</td>
<td>277 V</td>
<td>1-2050 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 3-14 FAN</td>
<td>1/3 First Floor</td>
<td>5.6 A</td>
<td>15 A</td>
<td>277 V</td>
<td>1-1551 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 3-5 FAN</td>
<td>1/3 First Floor</td>
<td>16.6 A</td>
<td>25 A</td>
<td>277 V</td>
<td>1-4598 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 3-2 FAN</td>
<td>1/3 First Floor</td>
<td>7.5 A</td>
<td>15 A</td>
<td>277 V</td>
<td>1-2078 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 2-13 FAN</td>
<td>1/3 First Floor</td>
<td>5.6 A</td>
<td>15 A</td>
<td>277 V</td>
<td>1-1551 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 2-12 FAN</td>
<td>1/3 First Floor</td>
<td>9.3 A</td>
<td>15 A</td>
<td>277 V</td>
<td>1-2576 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>VAV 2-3 FAN</td>
<td>1/3 First Floor</td>
<td>13.5 A</td>
<td>20 A</td>
<td>277 V</td>
<td>1-3740 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>MSCU-03 MINI-SPLIT</td>
<td>Mezzanine</td>
<td>7.4 A</td>
<td>15 A</td>
<td>208 V</td>
<td>2-1539 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>MSCU-01 MINI-SPLIT</td>
<td>Mezzanine</td>
<td>15.2 A</td>
<td>30 A</td>
<td>208 V</td>
<td>2-3162 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>MS-3 MINI-SPLIT INDOOR</td>
<td>First Floor</td>
<td>0.0 A</td>
<td>15 A</td>
<td>208 V</td>
<td>2-0 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>MS-1 MINI-SPLIT INDOOR</td>
<td>First Floor</td>
<td>0.0 A</td>
<td>15 A</td>
<td>208 V</td>
<td>2-0 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>MPS-1 MOTORIZED PROJECTION SCREEN</td>
<td>First Floor</td>
<td>11.0 A</td>
<td>15 A</td>
<td>208 V</td>
<td>2-2288 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>AHU-2 AIR HANDLING UNIT (2)</td>
<td>Mezzanine</td>
<td>5.0 A</td>
<td>15 A</td>
<td>480 V</td>
<td>3-4152 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>CU-1 CONDENSING UNIT</td>
<td>Mezzanine</td>
<td>21.0 A</td>
<td>30 A</td>
<td>480 V</td>
<td>3-17438 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>BP-1 BOOSTER PUMP (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CU-2 CONDENSING UNIT</td>
<td>Mezzanine</td>
<td>52.0 A</td>
<td>70 A</td>
<td>480 V</td>
<td>3-43181 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>EF-1 EXHAUST FAN</td>
<td>First Floor</td>
<td>0.1 A</td>
<td>15 A</td>
<td>120 V</td>
<td>1-36 VA</td>
<td>MRTS</td>
</tr>
<tr>
<td>GCD-1 GAS CLOTHES DRYER</td>
<td>First Floor</td>
<td>13.8 A</td>
<td>15 A</td>
<td>120 V</td>
<td>1-1656 VA</td>
<td>W/UNIT</td>
</tr>
<tr>
<td>S2 MCGRAW-EDISION GLEON-SA4C-735-U-T2-XX-AHD145</td>
<td>First Floor</td>
<td>30000 W</td>
<td>364 VA</td>
<td>3500K</td>
<td>POLE-MOUNT LED AREA LIGHT FIXTURE</td>
<td>PROVIDE WITH 30' POLE.</td>
</tr>
<tr>
<td>S5 COOPER NFFLD-S-C70-D-UNV-33-S-BZ-7030</td>
<td>First Floor</td>
<td>2700 W</td>
<td>20 VA</td>
<td>3500K</td>
<td>FLAG POLE FLOOR LIGHT</td>
<td>WHERE ORDINANCE PROHIBITS UPLIGHT, DIVISION 10 SHALL SPECIFY POLE MOUNTED FLAG LIGHT IN LIEU OF FLOOD LIGHTING.</td>
</tr>
<tr>
<td>A METALUX 24CZ2-45-UNV-L835-CD-1-U</td>
<td>20 W</td>
<td>35 VA</td>
<td>3500K</td>
<td>2'X4' RECESSED LED FIXTURE</td>
<td>DIMMING TYPE</td>
<td>DIM TO 1%</td>
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**COORDINATE LOCATION AND INSTALLATION REQUIREMENTS WITH RESPECT TO STRUCTURAL JOISTS, DUCTWORK AND CEILING/WALL MOUNTED FIXTURES INDICATED WITH SUBSCRIPT 'E' SHALL BE PROVIDED WITH AN INTEGRAL EMERGENCY LIGHT FIXTURE.**

**NOTES:**
- COORDINATE LOCATION AND INSTALLATION REQUIREMENTS WITH RESPECT TO STRUCTURAL JOISTS, DUCTWORK AND CEILING/WALL MOUNTED FIXTURES INDICATED WITH SUBSCRIPT 'E' SHALL BE PROVIDED WITH AN INTEGRAL EMERGENCY LIGHT FIXTURE.
- LIGHT FIXTURE SCHEDULE NOTES:
  1. **TEST SWITCH:** INSTALL WITH LEAD LENGTH SUFFICIENT TO PROVIDE ACCESSIBLE OPERATION OF TEST SWITCH. ARCHITECT SHALL APPROVE FINAL LOCATIONS OF TEST SWITCH.
  2. WHEN WIRED AS A CONTROL DEVICE THE GTD RECEIVES A SWITCHING SIGNAL.
  3. NEW RELAY, TRANSFER DEVICE, GENERATOR (GTD).
  4. INSTALL CONTROLS PROVIDED WITH UNIT.
It is the intent of the construction documents to require a fire alarm system for the building. The system is specified in writing by professional engineers, policy advisory approved April 22, 2004.

General Fire Alarm Notes:

A. Must be licensed by the State of Texas as "Fire Alarm Planning" appliance and functions required by these documents and not identified.

B. Is responsible for the planning, design, installation, testing and certification of the system in accordance with applicable codes, ordinances and regulations. In accordance with the Texas Board of Fire Alarm System, the construction specifications.

C. Is responsible for coordinating the design, planning and procurement of the alarm system with the work of the contractor.

D. Is responsible for examining the construction specifications, the descriptive notes, and the design drawings to determine the performance of the system.

E. Must be responsible for the planning and selection of fire alarm appliances and systems, and for the design of fire alarm systems. The system is specified in writing by professional engineers, policy advisory approved April 22, 2004.

F. Must be responsible for the planning and selection of fire alarm appliances and systems. The system is specified in writing by professional engineers, policy advisory approved April 22, 2004.

G. Must be responsible for the planning and selection of fire alarm appliances and systems. The system is specified in writing by professional engineers, policy advisory approved April 22, 2004.

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PLUMBING PLAN - AREA A

GENERAL PLUMBING NOTES:
1. ALL PLUMBING WORK SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES AND AMENDMENTS.

2. ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID CONFLICT WITH THE WORK OF OTHER TRADES. COORDINATE WITH MECHANICAL, ELECTRICAL AND STRUCTURAL FOR PROPER CLEARANCES.

3. SLEEVE ALL OUTSIDE WALLS, FOUNDATION GRADE BEAMS, INTERIOR WALL PENETRATIONS, AND FIRE SEAL ALL PENETRATIONS THROUGH FIRE WALLS AND FLOOR.

4. PROVIDE MINIMUM 20 FEET OF SEPARATION BETWEEN HVAC INTAKES AND VENT THROUGH ROOFS.

5. PROVIDE SHOCK ARRESTORS AT INDICATED ON THE DRAWINGS.

6. PROVIDE TRAP SEAL DEVICE FOR DRAINS NOT RECEIVING WATER FROM MECHANICAL TRAP PRIMER.

7. PROVIDE TYPE "B" TRASH CAPS.

PLUMBING NOTES:
1. 1 1/2" VENT THROUGH ROOF.
2. 3" VENT THROUGH ROOF.
3. 4" VENT THROUGH ROOF SERVING COMBINATION WASTE AND VENT SYSTEM.
4. 6" PRIMARY STORM DRAIN DOWN TO BELOW FINISHED FLOOR.
5. 6" STORM DRAIN OVERFLOW TO DAYLIGHT.
6. 2" CONDENSATE FROM ROOFTOP RECEPTOR DOWN TO BELOW FINISHED FLOOR.
7. PROVIDE SHEET METAL TRASH CAPS.

GENTRY'S Mfg.
1/16" [1/8"

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