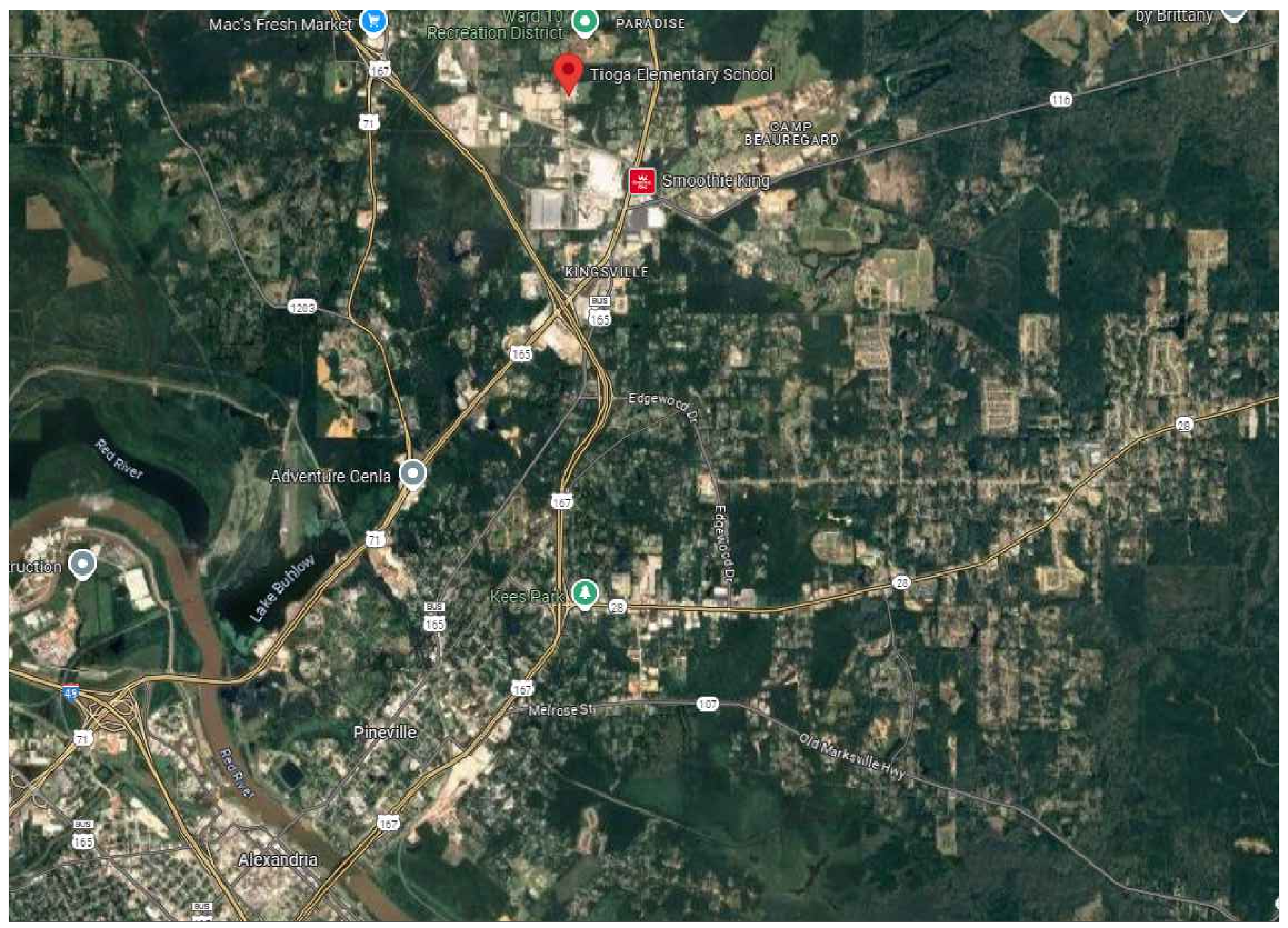
Bid 11-25-07: Tioga Elementary School Addition to Gymnasium

Rapides Parish School Board

DISTRICT 11 BOND PROJECTS -
TIOGA ELEMENTARY SCHOOL - ADDITION TO GYMNASIUM

Rapides Parish School Board | Bid No. 11-25-07 | Ball, Louisiana



N

1 VICINITY MAP (A1.0)
SCALE: NO SCALE

PROJECT LOCATION

N

2 SITE MAP (A1.1)
SCALE: NO SCALE

PROJECT DIRECTORY

Owner: Rapides Parish School Board
502 Beauregard Street
Alexandria, Louisiana 71301
Phone: 318.445.3710
Fax: 318.483.9481
Attn: Roy Rachal
Email: roy.rachal@rpsb.us

Architect: Ashe Broussard Weinzettle Architects
301 Jackson Street Suite 205
Alexandria, LA 71301
Phone: 318.473.0252
Fax: 318.442.6007
Attn. Kris Linzay
Email: klinzay@abwarchitects.com
Attn. Jim Weinzettle
Email: jimweinzettle@abwarchitects.com

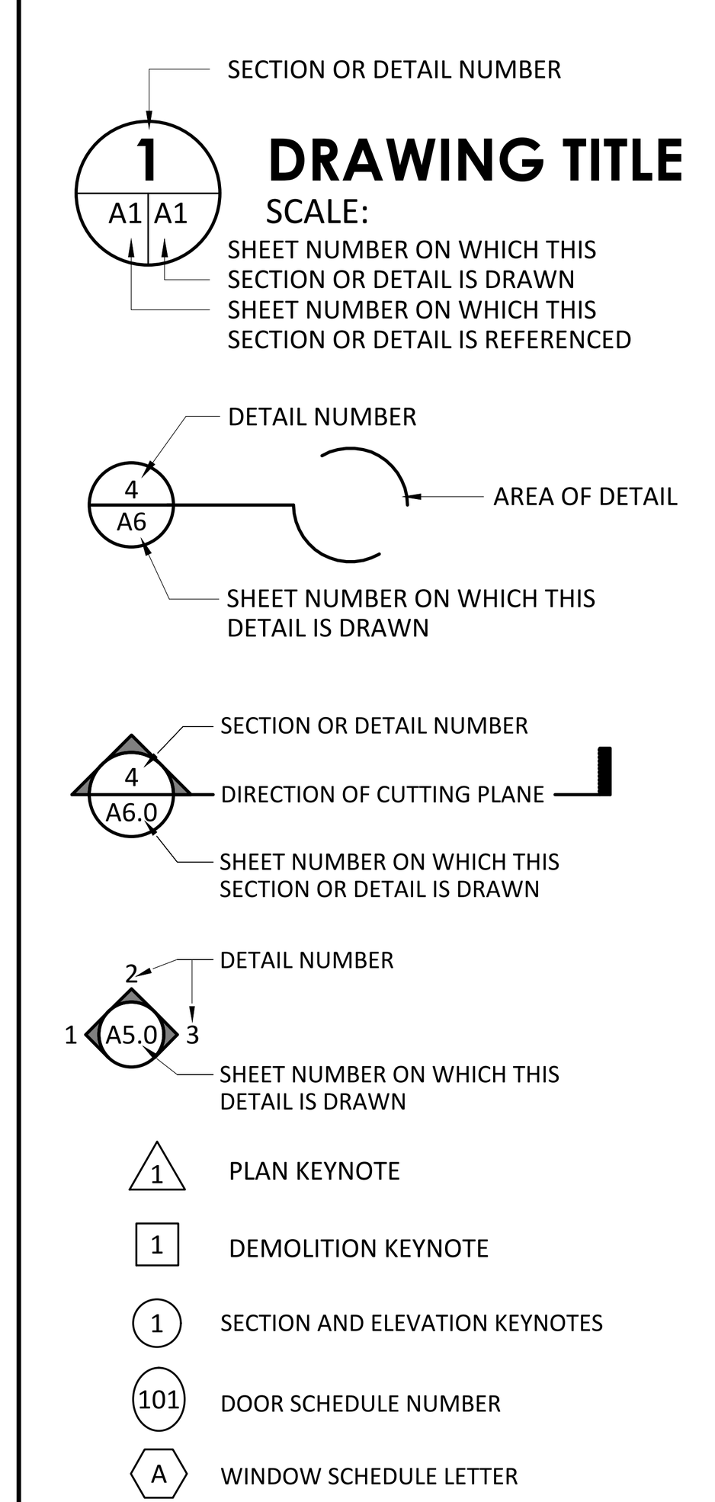
Structural: BluDot Engineering, LLC
1000 Chinaberry Dr. Suite 703
Bossier City, LA 71111
Phone: 318.402.4640
Attn: Chris Reneau
Email:chris@bludotengineering.com

Mechanical: John J. Guth Associates, Inc.
208 Milam Street
Shreveport, Louisiana 71101
Phone: 318.221.8638
Attn: John Wilson
Email: jwilson@guthassoc.com

Plumbing: John J. Guth Associates, Inc.
208 Milam Street
Shreveport, Louisiana 71101
Phone: 318.221.8638
Attn: John Wilson
Email: jwilson@guthassoc.com

Electrical: ADG Engineering
301 Jackson St. Suite 204
Alexandria, Louisiana 71301
Phone: 318.221.8638
Attn: Mark Neely
Email: mneely@adginc.org

SYMBOL SCHEDULE



BUILDING INFORMATION

This project consists of a one story addition of structural steel frame, metal roofing, metal siding, and masonry walls on the site of an existing one-story elementary school building. The existing building construction is Type V (000), as per NFPA 220. Columns, beams, and roof deck are unprotected steel construction. Interior and exterior walls are non-load bearing. There is no sprinkler system. There is an existing fire alarm system.

Occupancy:	NFPA 101: 2015- Educational IBC 2021- Education Group E
Construction Type:	NFPA 220 - Type V (000) IBC - Type V (B).

1. Assembly use as part of Educational Occupancy is considered an Educational Occupancy
2. Existing gym is 4,720 sf, support spaces are 737 sf
3. Addition is 1,298 sf
4. Bleacher seating occupant load is 201
5. Other areas of the addition are storage and business uses (restroom and hallways) so they add occupant load of 7
6. NFPA
   1. 12.3.5.3, Exceptions
      1. (1) single multipurpose room less than 12,000 sf
      2. (2) Gym used only for sports, without an audience facility over 300
7. IBC
   1. 903.2.3 has similar exception re: size of room and OL
   2. 903.2.1.5.1 - spaces "under grandstand" are under 1,000 sf and are one-hour fire-rated

It is the Contractor's responsibility to verify all conditions, dimensions, and quantities at the site.

GENERAL CONSTRUCTION NOTES

1. Contractor shall visit the project site prior to the start of construction and shall familiarize himself with all existing conditions. Any discrepancies shall be reported to the Architect for clarification and direction.
2. All work shall be done in full compliance with all applicable codes and regulations. Any discrepancies shall be reported immediately to the Architect for clarification.
3. Figured dimensions shall govern over scaled dimensions in all cases. Contractor shall verify all dimensions prior to the start of construction. Report any discrepancies to the Architect for clarification.
4. Contractor shall verify locations of existing utilities within the project area by visiting the site, and consulting with local utility companies and the Owner's representative. Verification shall occur prior to the start of construction. Any discrepancies shall be reported to the Architect for clarification. Contractor shall be responsible for all work necessary to provide utilities to the project.
5. Dimension lines are from the face of framing or face of CMU, typically. Report any discrepancies to the Architect for clarification.
6. General Contractor shall be responsible for coordinating and scheduling the work of the subcontractors. Inform the Architect immediately of any conflicts or potential delays.
7. General Contractor shall be responsible for all Work indicated on all sections of the Drawings and shall verify that each subcontractor is completely aware of their portion of the Work. The General Contractor shall insure that any work omitted from a subcontractor's bid is performed by that subcontractor or the General Contractor.
8. General Contractor shall be responsible for insuring that all work on the site which requires excavation of any kind be done as per all applicable regulations, especially LRS 40:1749.11, "Louisiana Underground Utilities and Facilities Damage Prevention Law", which states, "no person shall excavate or demolish without first ascertaining the location of underground utilities by serving telephonic notice to a regional notification program". The Contractor shall contact, by telephone, the regional notification program, "Louisiana Call One" at 1-800-584-4274 at all appropriate times during the project. The Contractor shall verify all pertinent procedures before starting any site work and shall report any discrepancies or changes in the regulations to the Architect.
9. Keynotes used for one drawing or detail shall refer to all other drawings and details which have corresponding building elements or materials.
10. Contractor shall coordinate access to project site, including parking and material storage with Staff and RPSB Project Manager. Loud music, smoking, weapons, offensive language, and similar negative conditions are strictly prohibited. All Contractor personnel shall behave in a positive manner appropriate to a school.
11. Contractor shall erect all necessary fencing, signs, and barriers to protect and insure the safety of all workmen, the public, school staff, and students at all times.
12. Contractor shall provide and maintain portable toilets for use by Contractor personnel.
13. Contractor shall maintain the site in a clean, safe condition at all times.
14. Contractor shall submit AIA Document G702 for all applications for payment. Submittal made to the Architect for review and certification.
15. Contractor shall maintain all required and typical insurance coverages and shall name Rapides Parish School Board as additional insured.
16. Owner and Architect have no control over construction means and methods; Contractor alone bears that responsibility.
17. Owner bears no duty to discover design errors/omissions.
18. All safety procedures are the Contractor's responsibility.
19. Contractor shall phase construction activities to allow continued use of Gym by School.

INDEX OF DRAWINGS

ASHE | BROUSSARD | WEINZETTLE
ARCHITECTS

JAMES D. WEINZETTLE
No. 3884
STATE OF LOUISIANA
REGISTERED ARCHITECT
10.30.25

REVISIONS

revision	description	date
	-	-
	-	-

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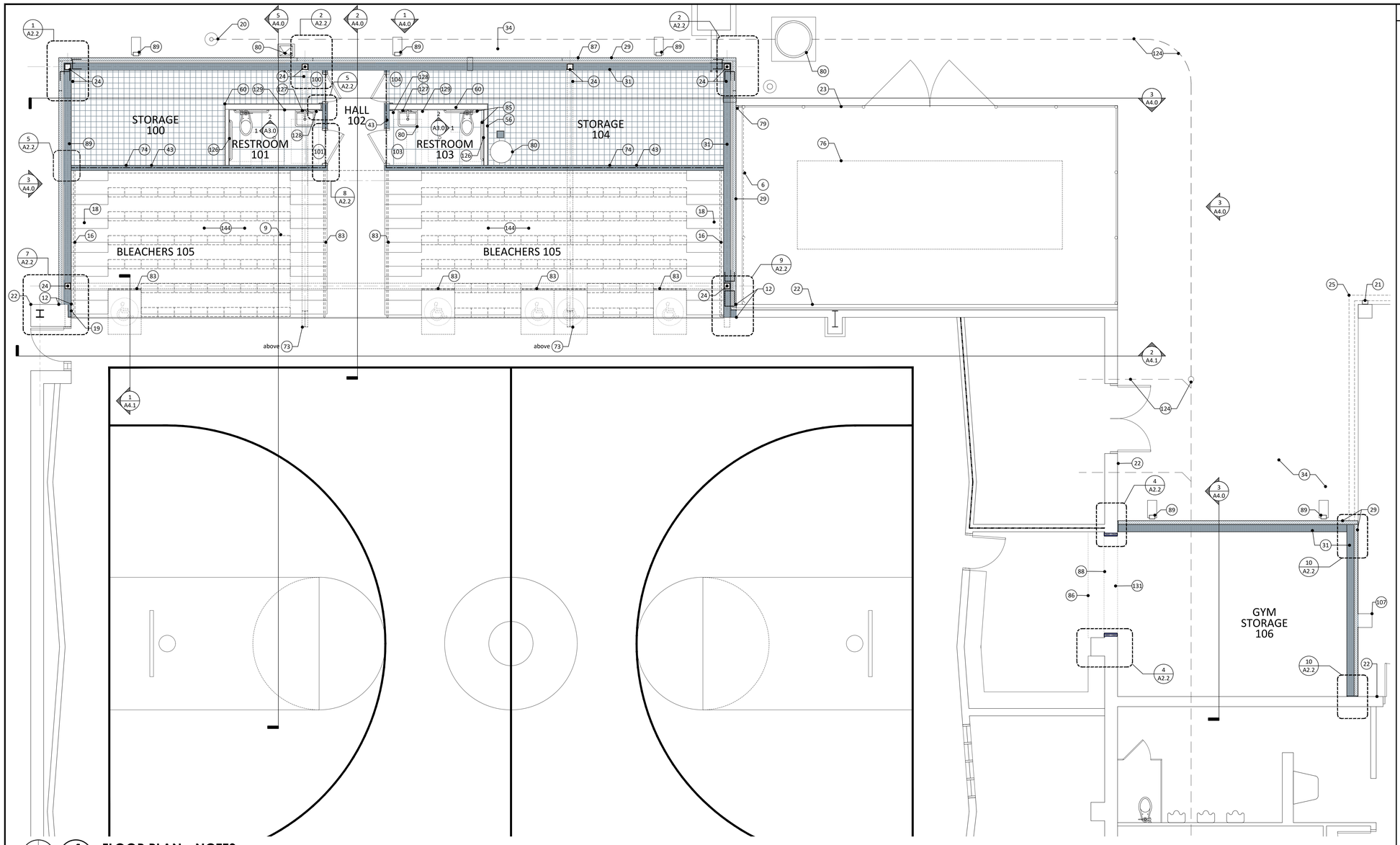
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

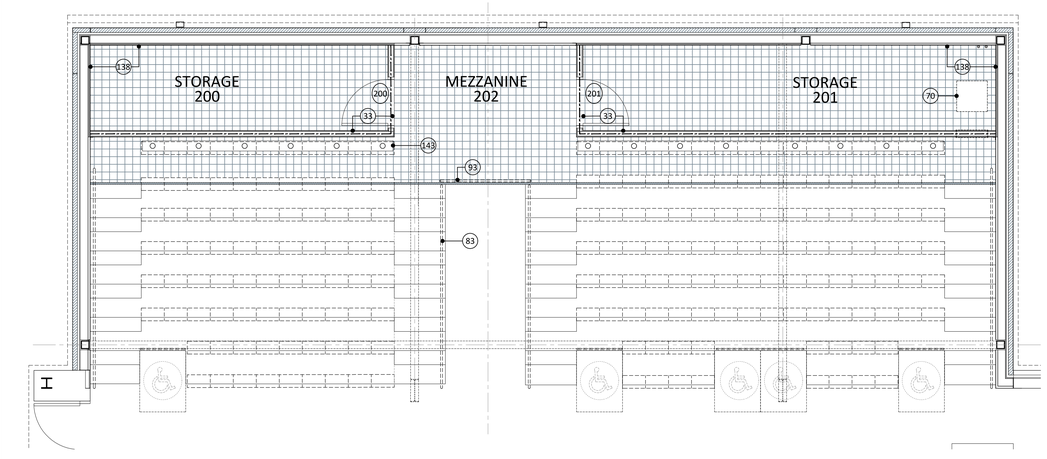
project no. **2023.11.3.3**
drawn -
checked -
project date **OCT 2025**

Vicinity Map, Site Plan, Bldg Info, Symbol Schedule, Index of Dwgs, Project Directory and General Construction Notes

drawing no. **A1.0**



N 1 A2.0 **FLOOR PLAN - NOTES**
SCALE: 1/4" = 1'-0"



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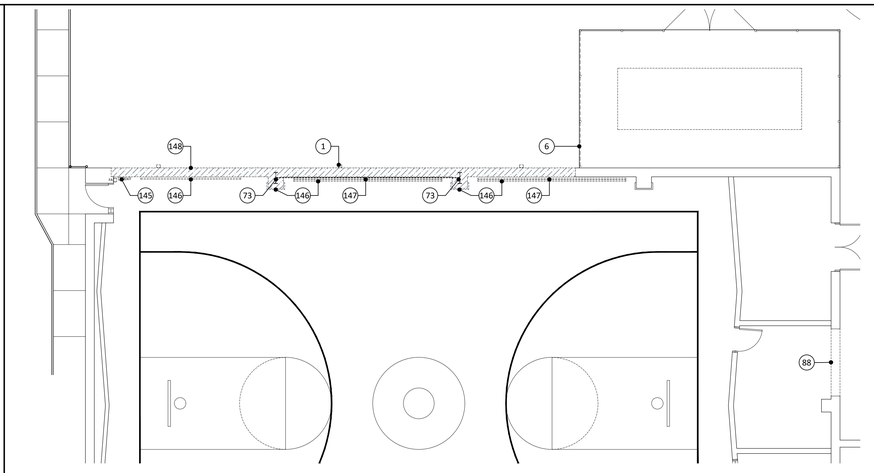

N 3 A2.0 **DEMOLITION FLOOR PLAN - NOTES**
SCALE: 1/8" = 1'-0"

KEYNOTES (continued)

76 Existing HVAC unit, verify at site.
77 ---.
78 Fire extinguisher in recessed cabinet, mount at ADA-hgt.
79 Reconnect fence to new wall with sim. fencing materials.
80 Plumbing fixtures/equipment, see PLUMBING, typical.
81 6" steel stud framing at 16" o.c.
82 3 5/8" steel stud framing at 16" o.c.
83 Handrail/guardrail, part of bleacher system, as per Code.
84 1 x 2 clear wood trim, paint.
85 ADA accessible grab bars, provide concealed blocking as needed.
86 Remove portion of existing shelving. ADD. ALT.
87 Masonry control joint, 3/8", with sealant.
88 Remove portion of existing wall. See STRUCTURAL for steel lintel. Paint lintel if exposed. ADD. ALT.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Plumbing vent roof flashing, detail typ. to roofing mfr.
91 Foundation, see STRUCTURAL.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
93 Fixed guardrail from 1-1/2" sq. stl. tube frame with ½" sq. steel pickets, spaced as shown, paint. Round off corners.
94 ---.
95 Anchor bolts, see STRUCTURAL.
96 ---.
97 Steel angle, see STRUCTURAL. Paint when exposed.
98 Mineral wool fire-safing insulation.
99 1/2" cover board, part of roofing system. ADD. ALT.
100 Mortar deflection mesh.
101 2 x 4 wood outlookers at 16" o.c. ADD. ALT.
102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 8x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

FINISH NOTES (see Specs)

1. All walls to be painted, semi-gloss.
2. Flooring:
   2.1. Storage 100 - VCT
   2.2. Restroom 101 - ceramic tile, large format
   2.3. Hall 102 - sports floor
   2.4. Restroom 103 - ceramic tile, large format
   2.5. Storage 104 - VCT
   2.6. Bleachers 105 - sports floor
   2.7. Storage 200 - VCT
   2.8. Storage 201 - VCT
   2.9. Mezzanine 202 - VCT
3. Base: resilient base
4. Ceilings:
   4.1. Restroom 101 & 103 - suspended acoustic
   4.2. Gym Storage 106 - suspended acoustic
   4.3. All other spaces, see Sections
5. Wainscot:
   5.1. Restrooms 101 & 103 - 48" high, ceramic, large-format

DOOR NOTES (see Specs)

1. All to be stained, solid-core, wood veneer doors in painted hollow metal frames.
2. Doors:
   2.1. 101 & 103 - 3'-0" x 7'-0"
   2.2. 100 & 104 - 2'-6" x 7'-0"
   2.3. 200 & 201 - 3'-0" x 6'-8"
3. All frames shall have a 4" head.
4. See Specifications for Hardware Schedule; provide all hardware required for functional operation of each door.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 38814 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

REVISIONS

revision	description	date
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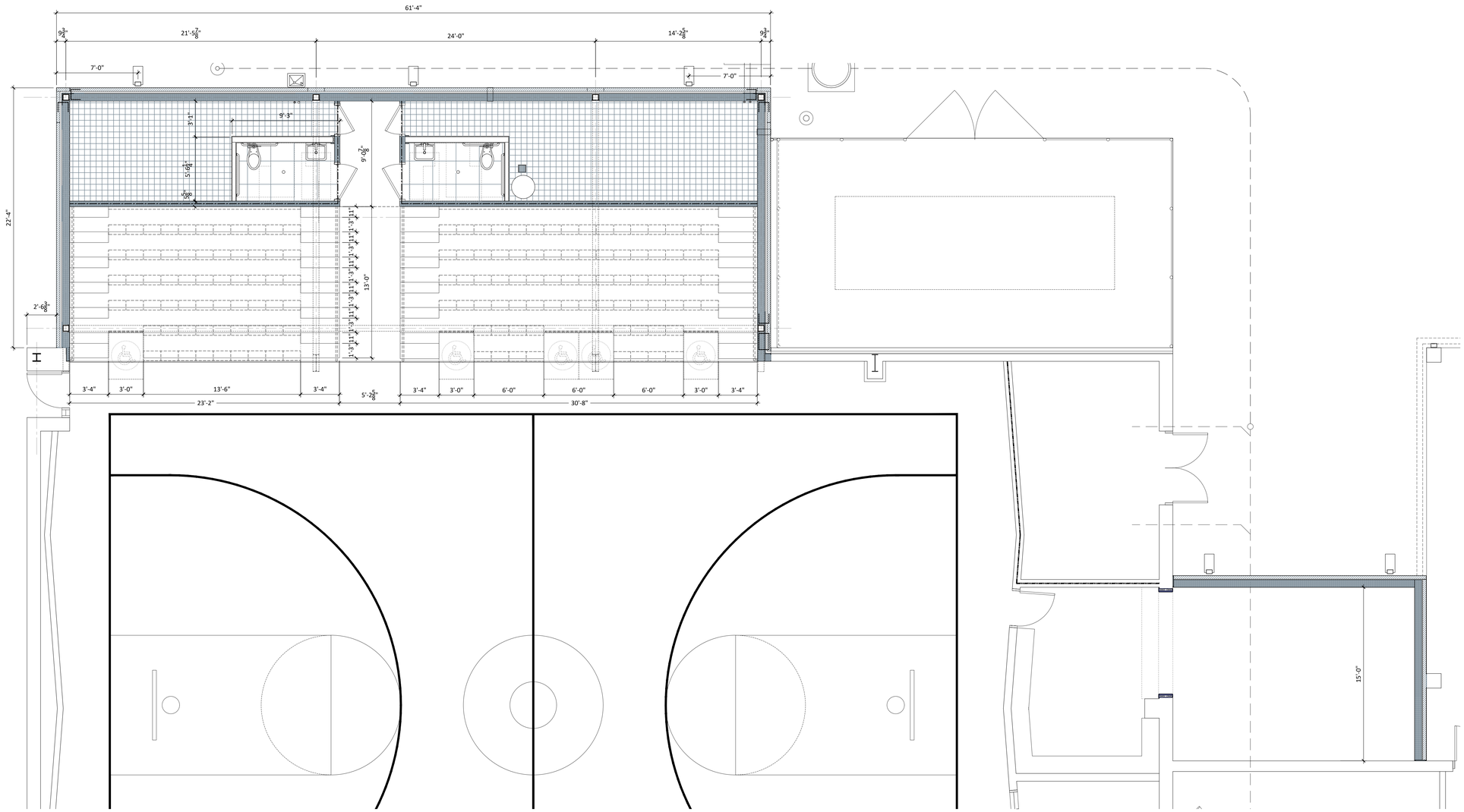
FLOOR PLAN - NOTES

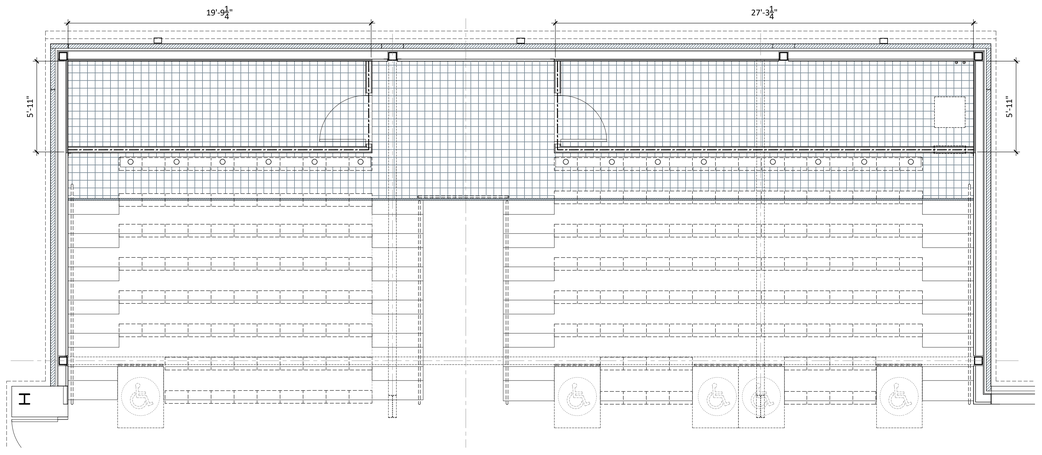
drawing no. A2.0



N 1 A2.1

FLOOR PLAN - DIMENSIONS

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



N 2 A2.1

MEZZANINE FLOOR PLAN - DIMENSIONS

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

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 3804 STATE OF LOUISIANA REGISTERED ARCHITECT

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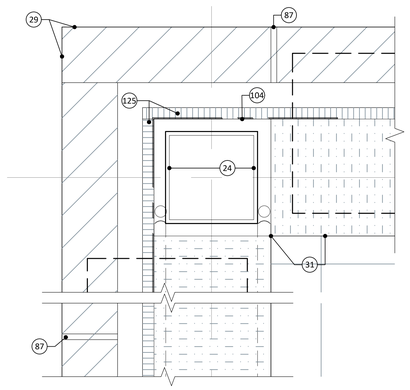
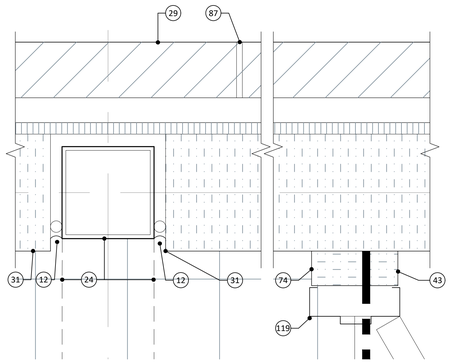


1 BUILDING CORNER
A2.0 | A2.2
SCALE: 3" = 1'-0"



2 WALL CONNECTION
A2.0 | A2.2
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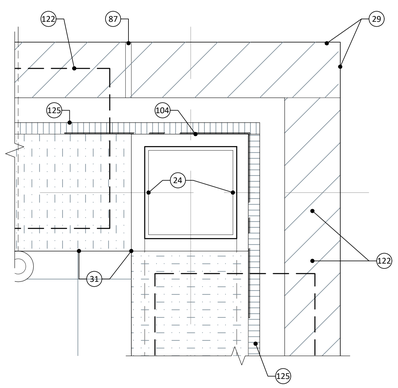

3 BUILDING CORNER
A2.0 | A2.2
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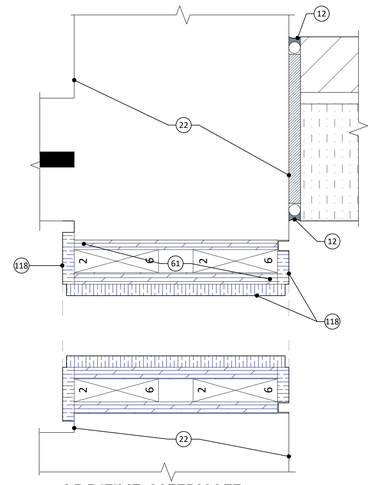
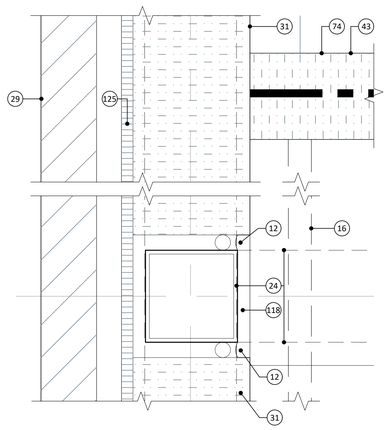
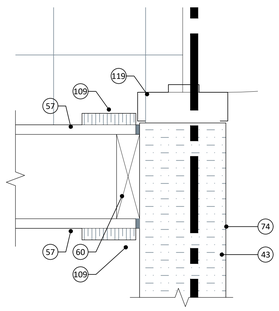


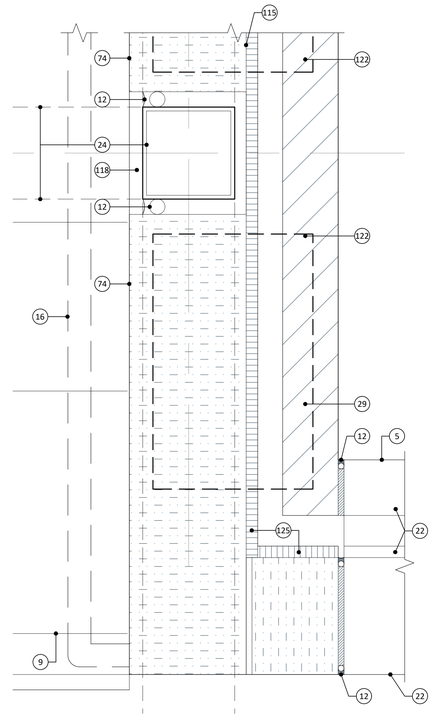
4 ADDITIVE ALTERNATE - NEW OPENING IN EXISTING WALL
A2.0 | A2.2
SCALE: 3" = 1'-0"



5 TYPICAL WALL AND COLUMN
A2.0 | A2.2
SCALE: 3" = 1'-0"



6 FRAMED WALL AT CMU
A2.0 | A2.2
SCALE: 3" = 1'-0"



9 NEW WALL AT EXISTING WALL
A2.0 | A2.2
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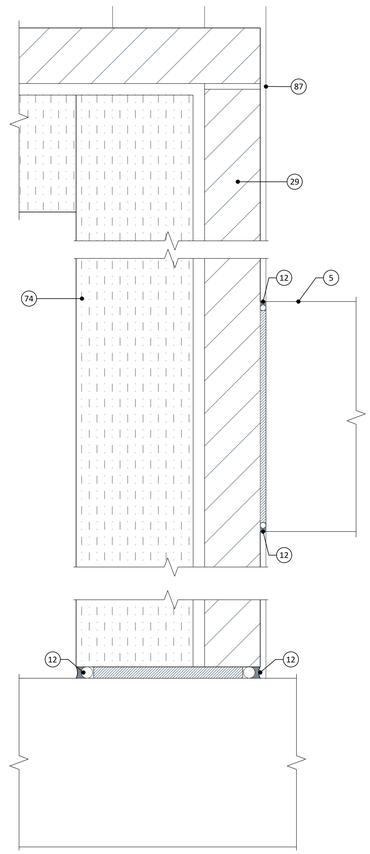

10 ADDITIVE ALTERNATE - NEW WALL AT EXISTING WALL
A2.0 | A2.2
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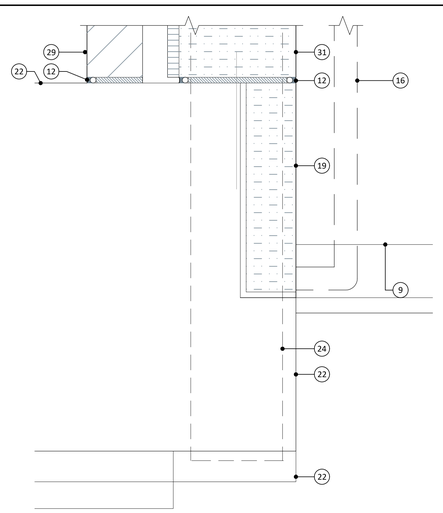

7 NEW WALL AT EXISTING WALL
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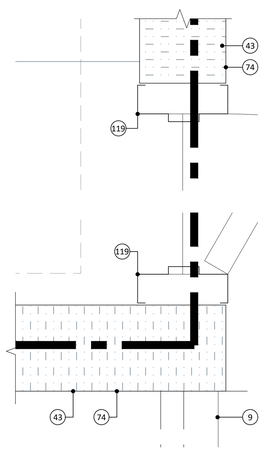

8 DOOR IN CMU WALL
A2.0 | A2.2
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102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 6x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

REVISIONS

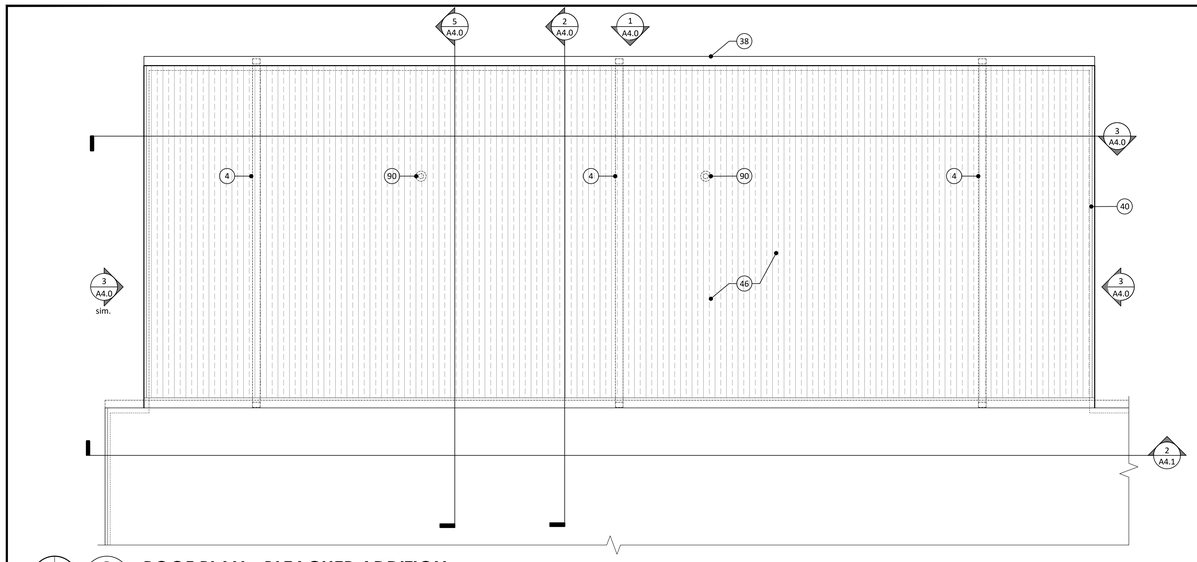
revision	description	date
	-	-
	-	-

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

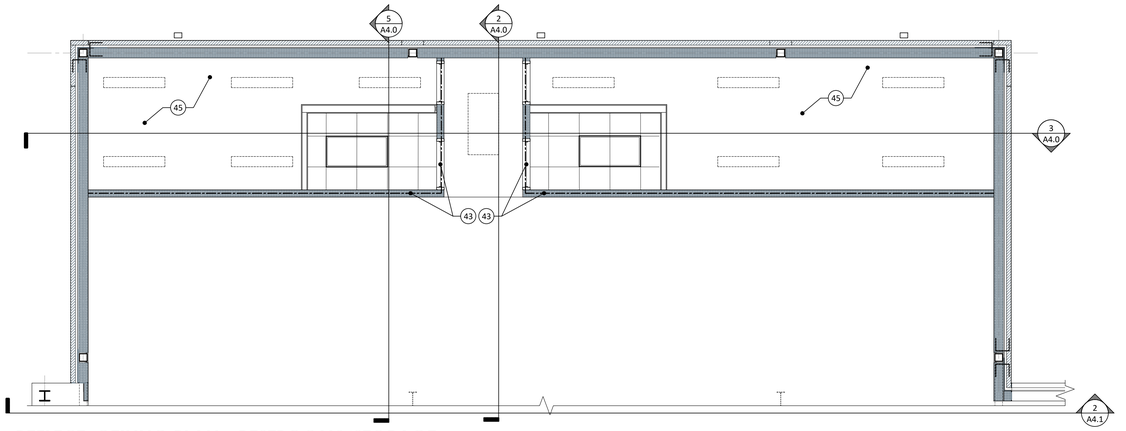
project no. 2023.11.3.3
drawn -
checked -
project date OCT 2025

Plan Details

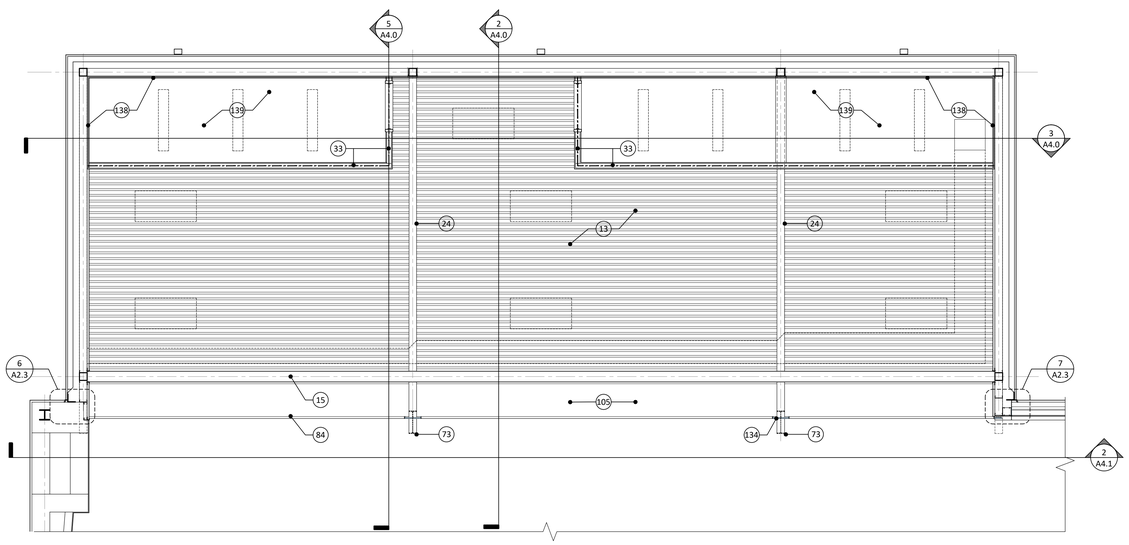
drawing no. A2.2



N 1 A2.3 **ROOF PLAN - BLEACHER ADDITION**
SCALE: 1/4" = 1'-0"



2 A2.3 **REFLECT. CEILING PLAN - RESTROOMS/STORAGE**
SCALE: 1/4" = 1'-0"



N 3 A2.3 **REFLECTED CEILING PLAN - BLEACHER ADDITION**
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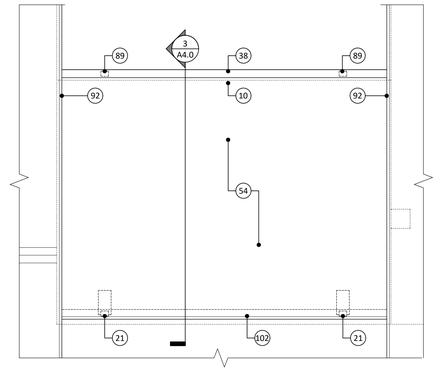
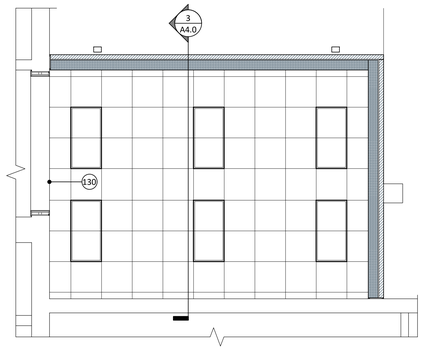
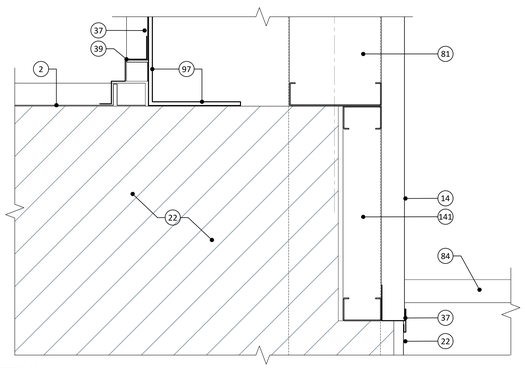


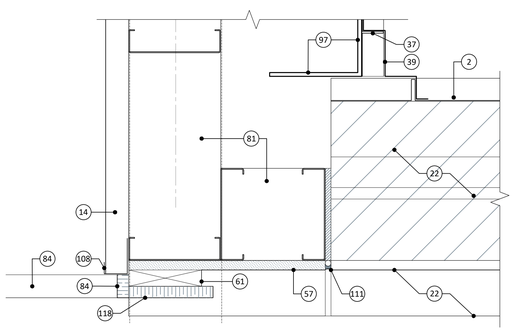
4 A2.3 **ROOF PLAN - BLEACHER ADDITION - ADD. ALT.**
SCALE: 1/4" = 1'-0"



5 A2.3 **REFL. CEILING PLAN - GYM STORAGE ADDITION - ADD. ALT.**
SCALE: 1/4" = 1'-0"



6 A2.3 A2.3 **DETAIL**
SCALE: 3" = 1'-0"



7 A2.3 A2.3 **DETAIL**
SCALE: 3" = 1'-0"

KEYNOTES

2 Existing metal siding to remain, verify at site.
4 Extend existing downspout across roof into gutter.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUTURAL.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
33 One-hour fire-rated wall as per UL Design U305.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
43 One-hour fire-rated wall construction, UL Design No.V 906
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
57 5/8" type X gyp. bd., paint.
61 Wood blocking, concealed, size as needed for condition.
Prefinished metal trim, dimensions to suit location.
Roof-wall flashing detail, typical to roofing manufacturer.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
81 6" steel stud framing at 16" o.c.
84 1 x 2 clear wood trim, paint.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Roof vent flashing, detail typ. to roofing manufacturer.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
97 Steel angle, see STRUCTURAL. Paint when exposed.
102 Termination bar and sealant, typ. to roofing manuf.
108 Prefinished metal J-trim.
110 Drywall expansion joint.
111 Sealant on backer rod.
114 Drywall J-trim.
118 3/4" clear wood trim, paint.
130 New lintel at new opening, see STRUCTURAL.
134 1 x 6 clear wood trim, paint.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
141 1-5/8" steel stud framing at 16" o.c.

REFLECTED CLG. PLAN LEGEND

- Acoustical ceiling tile
- Painted gypsum board ceiling
- Acrylic stucco system
- Prefinished metal soffit panels
- Suspended wood slat ceiling system 8' nominal length, typical, unless noted otherwise, SEE SPECS. Install on metal T-grid system and provide additional cross tees to support light fixtures.
- 2x4 light fixture, see ELECTRICAL
- 2x2 light fixture, see ELECTRICAL
- Linear light fixture, see ELECTRICAL
- Air diffuser, see MECHANICAL
- Linear air diffuser, see MECHANICAL
- Exhaust fan, see MECHANICAL
- Return air grille, see MECHANICAL
- Occupancy Sensor, see ELECTRICAL
- Recessed downlight, see ELECTRICAL
- Wall-mounted light, see ELECTRICAL
- Exit sign, see ELECTRICAL
- Sprinkler head, see FIRE PROTECTION
- Surface-mounted linear light fixture
- Pendant light fixture
- Suspended linear light fixture - ring
- Extruded aluminum canopy

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES O. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

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REVISIONS

revision	description	date
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	-	-

District 11 Bond Projects
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Addition to Gymnasium
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project no. 2023.11.3.3
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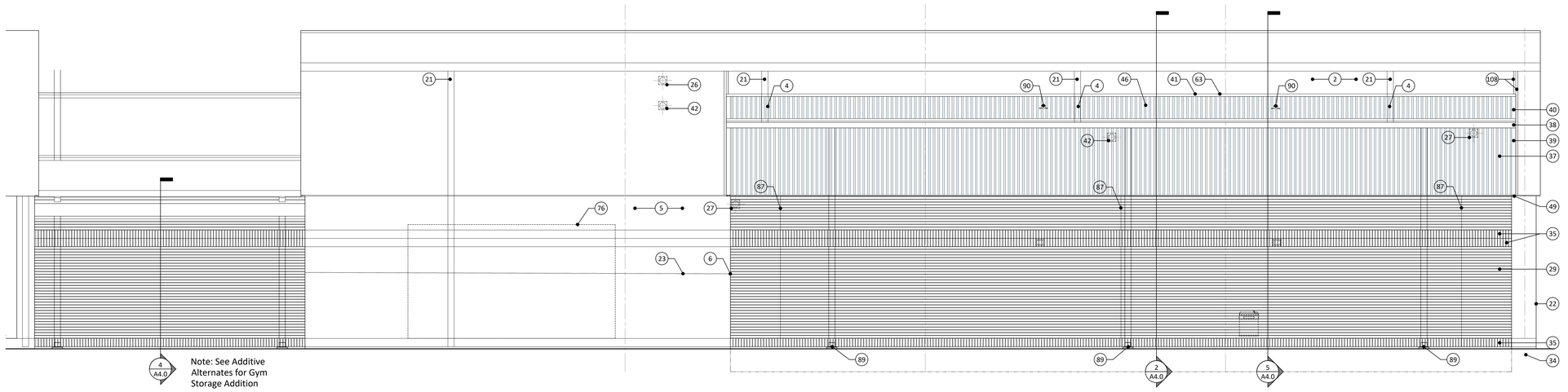
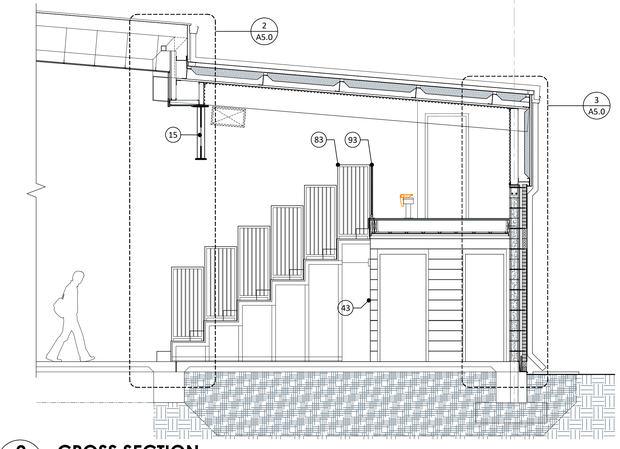
ROOF PLAN & REFLECTED CEILING PLANS

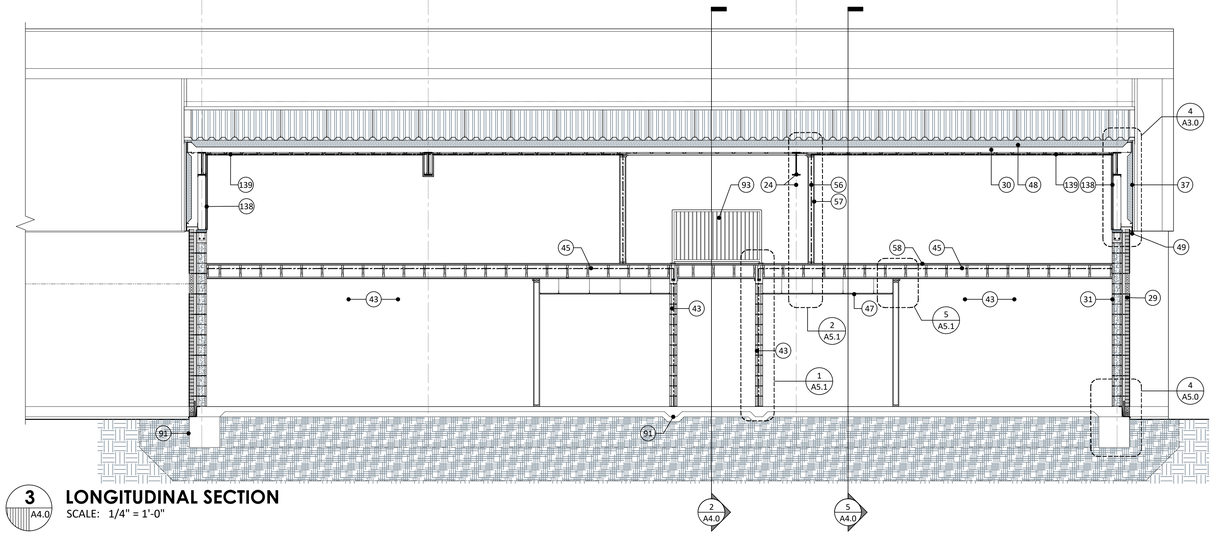
drawing no. A2.3



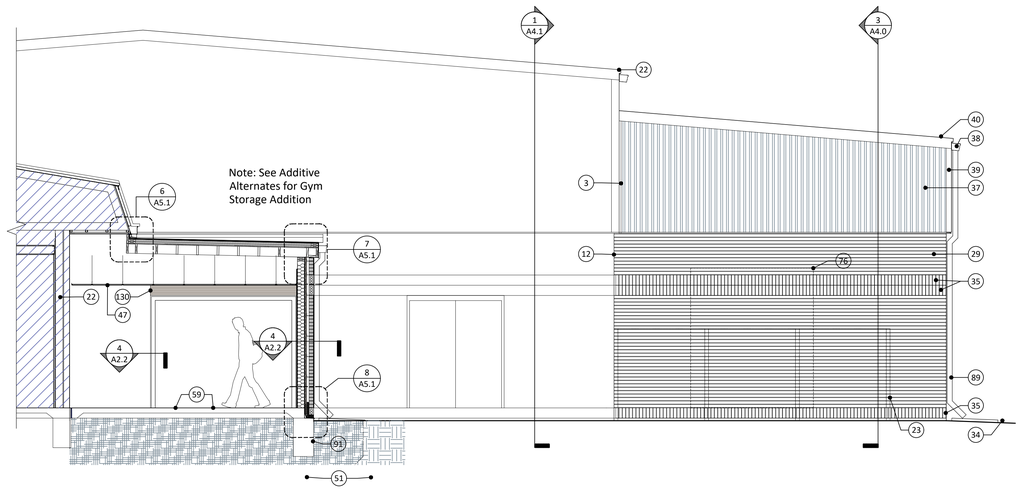
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



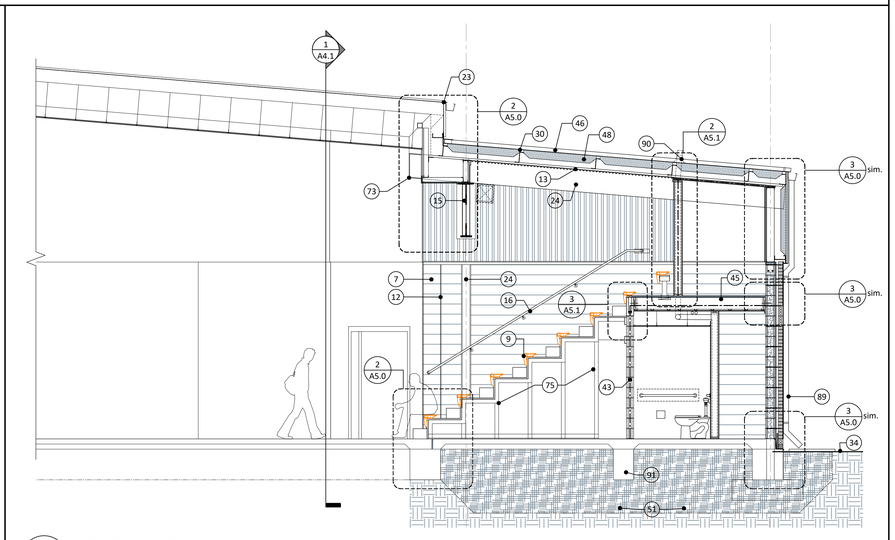
2 CROSS SECTION
SCALE: 1/4" = 1'-0"



3 LONGITUDINAL SECTION
SCALE: 1/4" = 1'-0"



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



5 CROSS SECTION
SCALE: 1/4" = 1'-0"

KEYNOTES (continued)

76 Existing HVAC unit, verify at site.
77 ---.
78 Fire extinguisher in recessed cabinet, mount at ADA-hgt.
79 Reconnect fence to new wall with sim. fencing materials.
80 Plumbing fixtures/equipment, see PLUMBING, typical.
81 6" steel stud framing at 16" o.c.
82 3 5/8" steel stud framing at 16" o.c.
83 Handrail/guardrail, part of bleacher system, as per Code.
84 1 x 2 clear wood trim, paint.
85 ADA accessible grab bars, provide concealed blocking as needed.
86 Remove portion of existing shelving. ADD. ALT.
87 Masonry control joint, 3/8", with sealant.
88 Remove portion of existing wall. See STRUCTURAL for steel lintel. Paint lintel if exposed. ADD. ALT.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Plumbing vent roof flashing, detail typ. to roofing mfr.
91 Foundation, see STRUCTURAL.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
93 Fixed guardrail from 1-1/2" sq. stl. tube frame with ½" sq. steel pickets, spaced as shown, paint. Round off corners.
94 ---.
95 Anchor bolts, see STRUCTURAL.
96 ---.
97 Steel angle, see STRUCTURAL. Paint when exposed.
98 Mineral wool fire-safing insulation.
99 1/2" cover board, part of roofing system. ADD. ALT.
100 Mortar deflection mesh.
101 2 x 4 wood outlookers at 16" o.c. ADD. ALT.
102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 6x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

REVISIONS

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Tioga Elementary School Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
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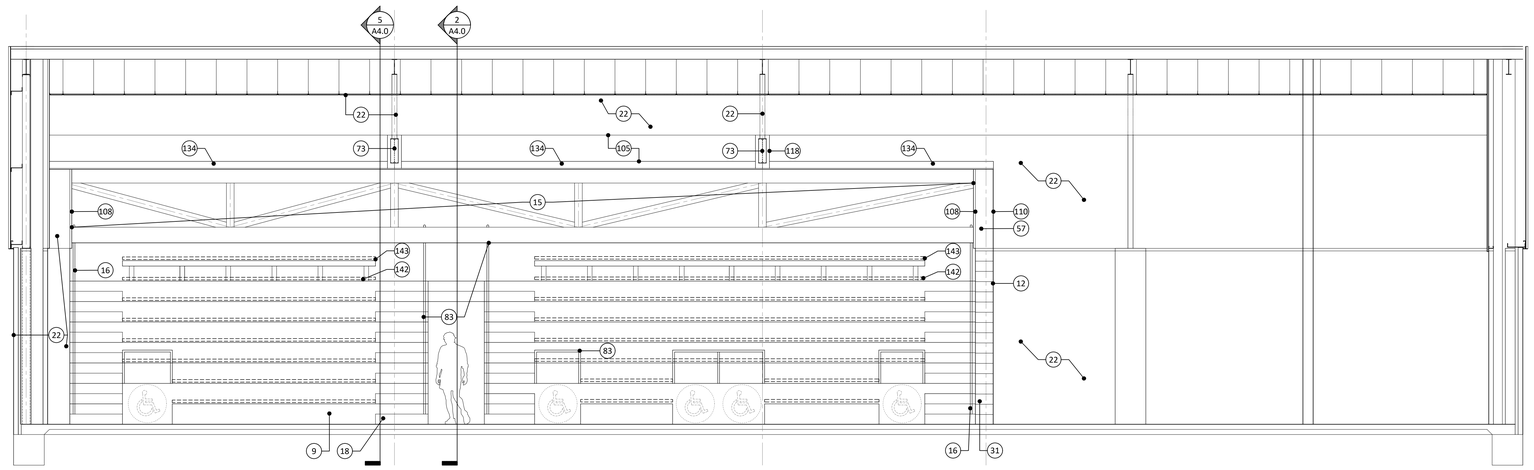
drawing no. A4.0

BUILDING ELEVATIONS



1 LONGITUDINAL SECTION
A4.1

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

KEYNOTES (continued)

76 Existing HVAC unit, verify at site.
77 ---.
78 Fire extinguisher in recessed cabinet, mount at ADA-hgt.
79 Reconnect fence to new wall with sim. fencing materials.
80 Plumbing fixtures/equipment, see PLUMBING, typical.
81 6" steel stud framing at 16" o.c.
82 3 5/8" steel stud framing at 16" o.c.
83 Handrail/guardrail, part of bleacher system, as per Code.
84 1 x 2 clear wood trim, paint.
85 ADA accessible grab bars, provide concealed blocking as needed.
86 Remove portion of existing shelving. ADD. ALT.
87 Masonry control joint, 3/8", with sealant.
88 Remove portion of existing wall. See STRUCTURAL for steel lintel. Paint lintel if exposed. ADD. ALT.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Plumbing vent roof flashing, detail typ. to roofing mfr.
91 Foundation, see STRUCTURAL.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
93 Fixed guardrail from 1-1/2" sq. stl. tube frame with ½" sq. steel pickets, spaced as shown, paint. Round off corners.
94 ---.
95 Anchor bolts, see STRUCTURAL.
96 ---.
97 Steel angle, see STRUCTURAL. Paint when exposed.
98 Mineral wool fire-safing insulation.
99 1/2" cover board, part of roofing system. ADD. ALT.
100 Mortar deflection mesh.
101 2 x 4 wood outlookers at 16" o.c. ADD. ALT.
102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 6x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

REVISIONS

revision	description	date
	-	-
	-	-

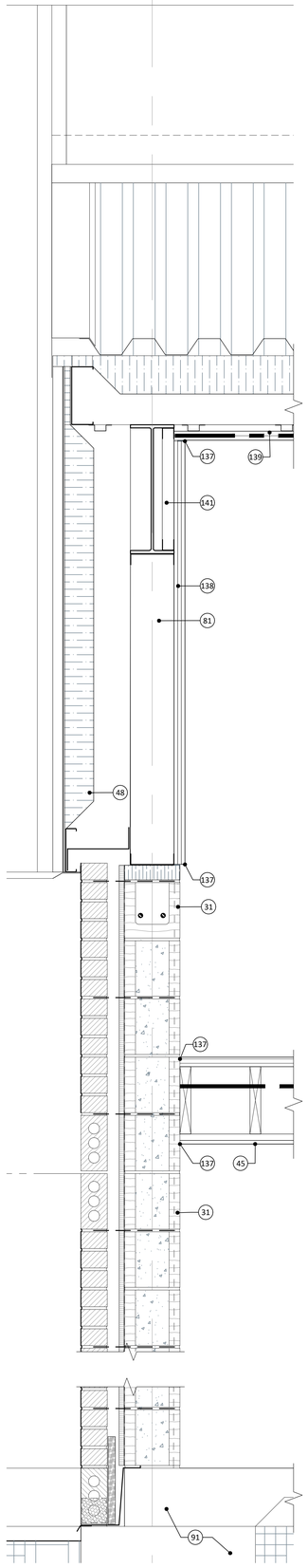
District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium

Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405

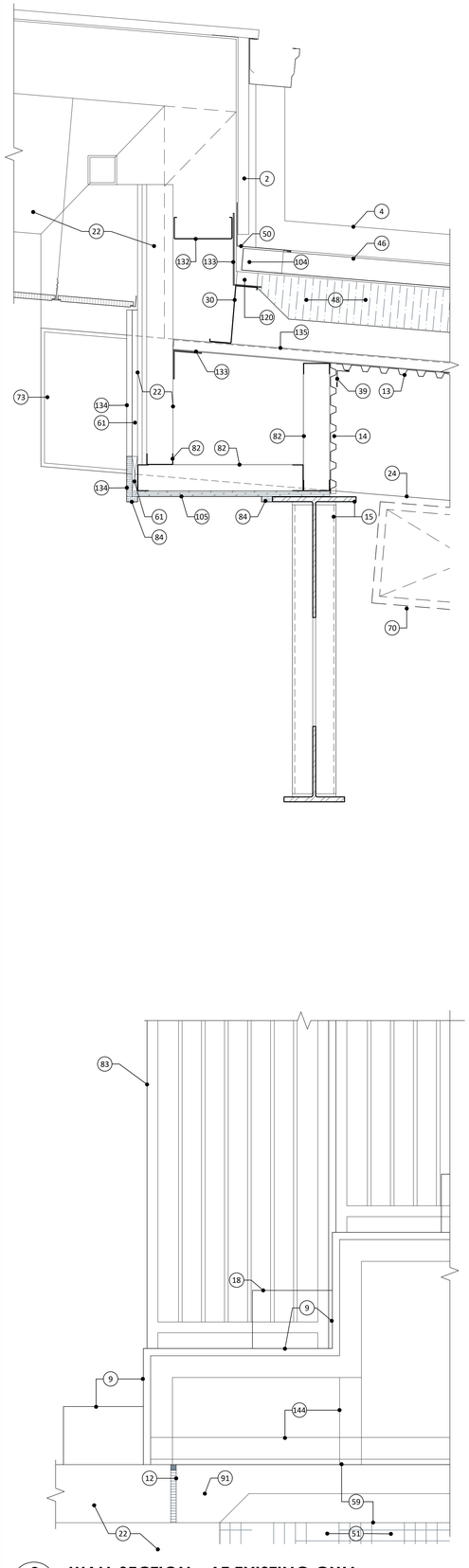
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn -
checked -
project date OCT 2025
drawing no. A4.1

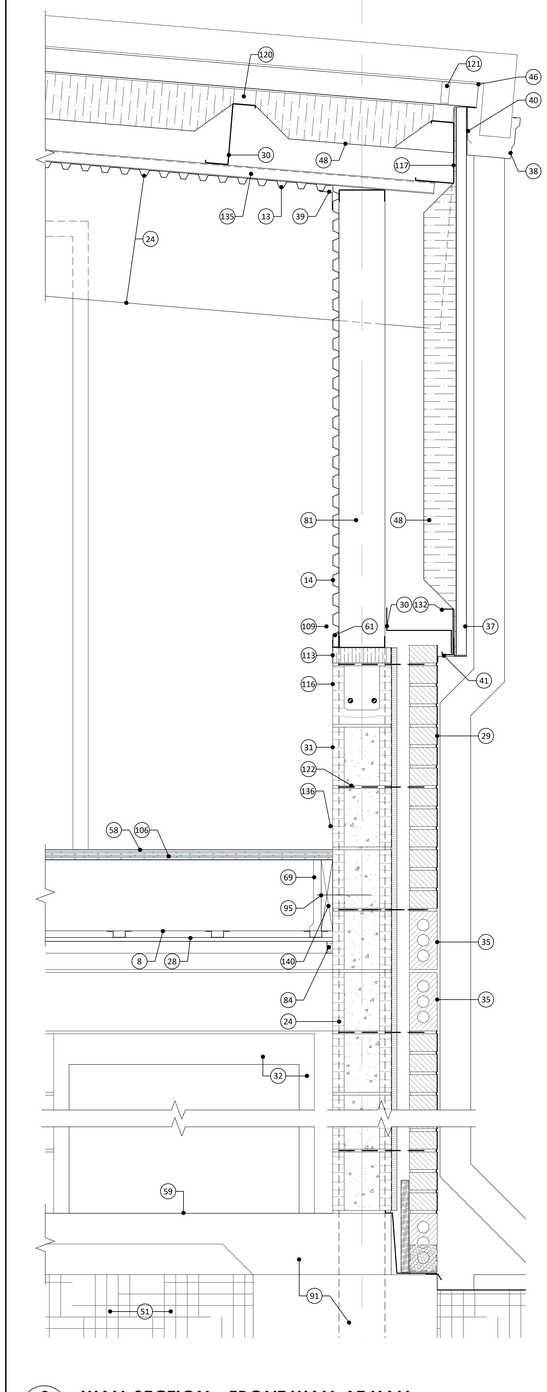
BUILDING SECTIONS



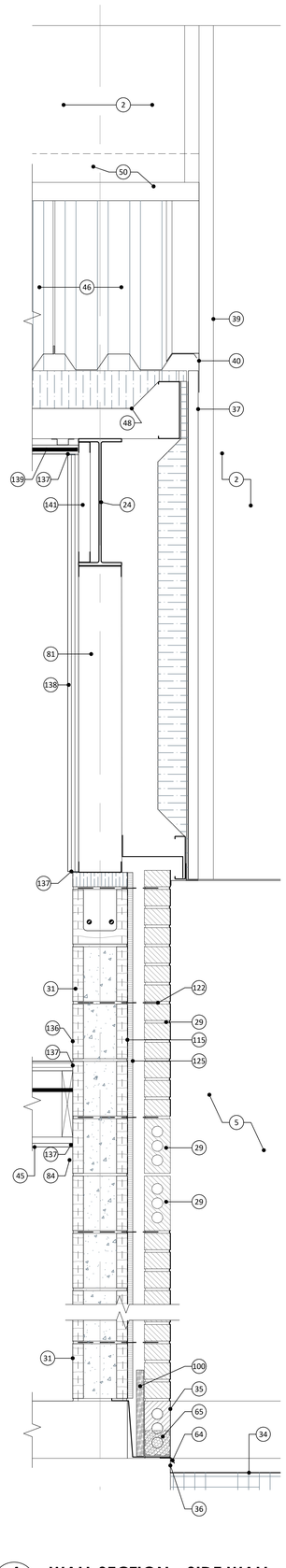
1 WALL SECTION - SIDEWALL
A4.0 A5.0
SCALE: 1 1/2" = 1'-0"



2 WALL SECTION - AT EXISTING GYM
A4.0 A5.0
SCALE: 1 1/2" = 1'-0"



3 WALL SECTION - FRONT WALL AT HALL
A4.0 A5.0
SCALE: 1 1/2" = 1'-0"



4 WALL SECTION - SIDE WALL
A4.0 A5.0
SCALE: 1 1/2" = 1'-0"

KEYNOTES (continued)

76 Existing HVAC unit, verify at site.
77 ---.
78 Fire extinguisher in recessed cabinet, mount at ADA-hgt.
79 Reconnect fence to new wall with sim. fencing materials.
80 Plumbing fixtures/equipment, see PLUMBING, typical.
81 6" steel stud framing at 16" o.c.
82 3 5/8" steel stud framing at 16" o.c.
83 Handrail/guardrail, part of bleacher system, as per Code.
84 1 x 2 clear wood trim, paint.
85 ADA accessible grab bars, provide concealed blocking as needed.
86 Remove portion of existing shelving. ADD. ALT.
87 Masonry control joint, 3/8", with sealant.
88 Remove portion of existing wall. See STRUCTURAL for steel lintel. Paint lintel if exposed. ADD. ALT.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Plumbing vent roof flashing, detail typ. to roofing mfr.
91 Foundation, see STRUCTURAL.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
93 Fixed guardrail from 1-1/2" sq. stl. tube frame with ½" sq. steel pickets, spaced as shown, paint. Round off corners.
94 ---.
95 Anchor bolts, see STRUCTURAL.
96 ---.
97 Steel angle, see STRUCTURAL. Paint when exposed.
98 Mineral wool fire-safing insulation.
99 1/2" cover board, part of roofing system. ADD. ALT.
100 Mortar deflection mesh.
101 2 x 4 wood outlookers at 16" o.c. ADD. ALT.
102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 6x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

JAMES D. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

REVISIONS

revision	description	date
	-	-
	-	-

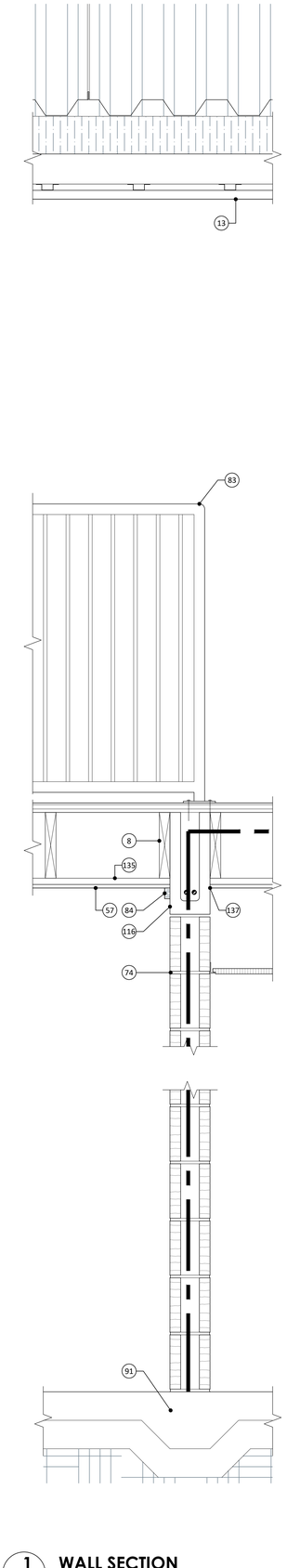
District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium

Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405

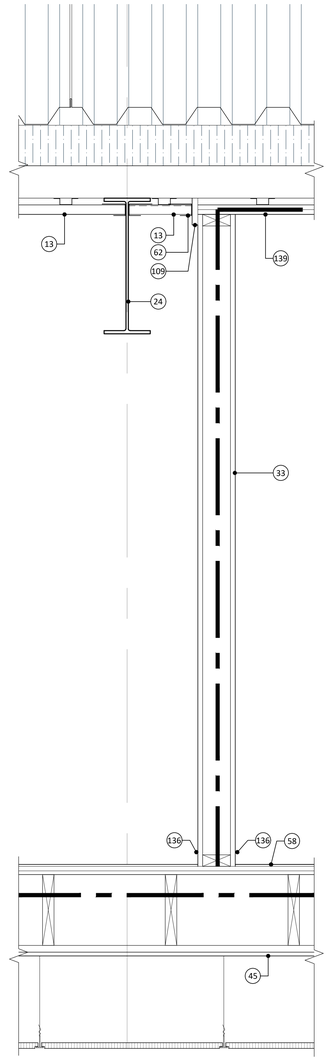
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn
checked
project date OCT 2025
drawing no. A5.0

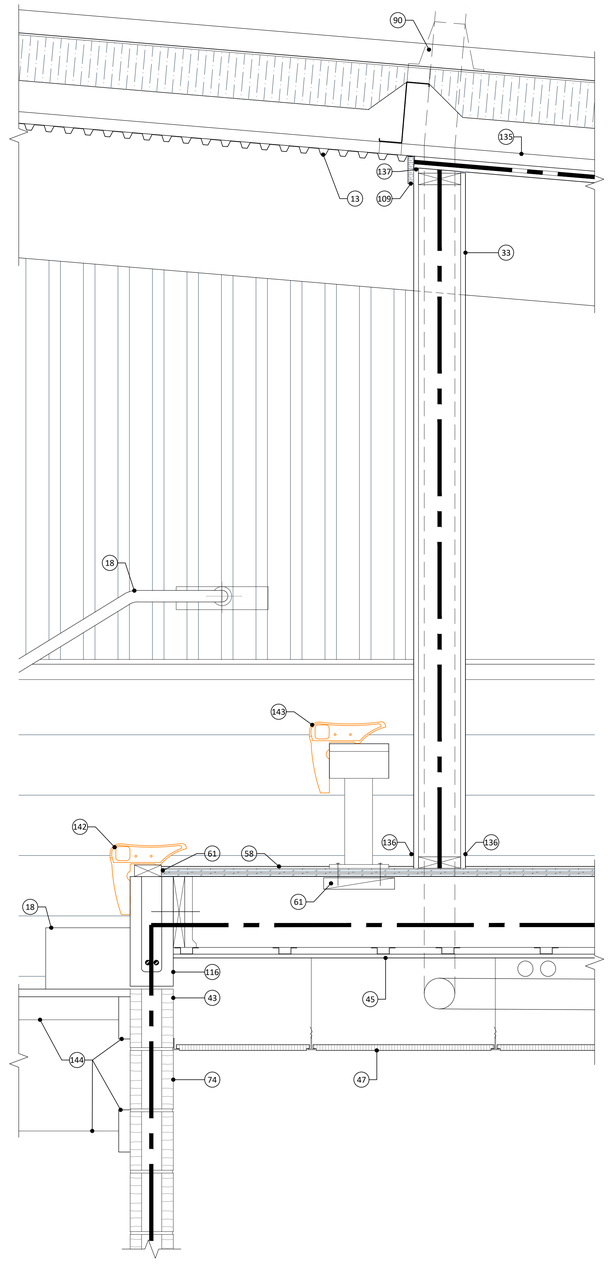
WALL SECTIONS



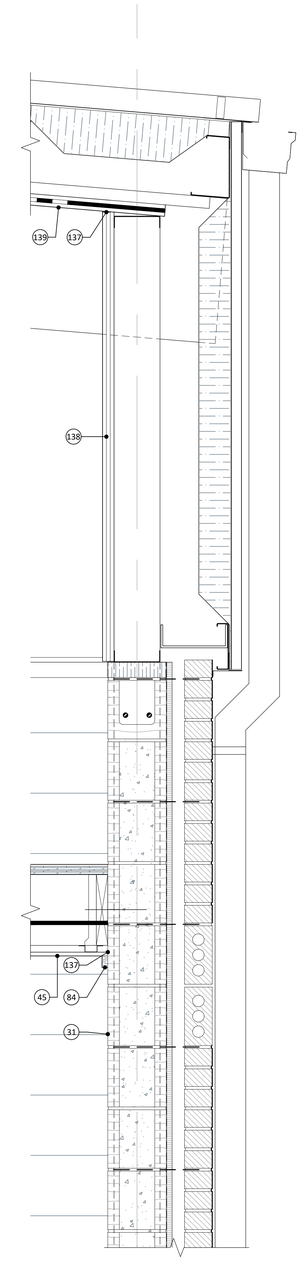
1 A5.1 **WALL SECTION**
SCALE: 1 1/2" = 1'-0"



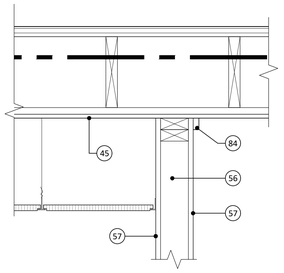
2 A5.1 **WALL SECTION**
SCALE: 1 1/2" = 1'-0"



3 A5.1 **WALL SECTION - MEZZANINE & STORAGE**
SCALE: 1 1/2" = 1'-0"



4 A5.1 **WALL SECTION - FRONT WALL @ STG.**
SCALE: 1 1/2" = 1'-0"



5 A5.1 **WALL SECTION**
SCALE: 1 1/2" = 1'-0"

KEYNOTES (continued)

76 Existing HVAC unit, verify at site.
77 ---.
78 Fire extinguisher in recessed cabinet, mount at ADA-hgt.
79 Reconnect fence to new wall with sim. fencing materials.
80 Plumbing fixtures/equipment, see PLUMBING, typical.
81 6" steel stud framing at 16" o.c.
82 3 5/8" steel stud framing at 16" o.c.
83 Handrail/guardrail, part of bleacher system, as per Code.
84 1 x 2 clear wood trim, paint.
85 ADA accessible grab bars, provide concealed blocking as needed.
86 Remove portion of existing shelving. ADD. ALT.
87 Masonry control joint, 3/8", with sealant.
88 Remove portion of existing wall. See STRUCTURAL for steel lintel. Paint lintel if exposed. ADD. ALT.
89 Prefinished metal downspout, 4" x 6", with splash block.
90 Plumbing vent roof flashing, detail typ. to roofing mfr.
91 Foundation, see STRUCTURAL.
92 Roof-wall flash., prefin. metal, set into sawn reglet joint.
93 Fixed guardrail from 1-1/2" sq. stl. tube frame with 1/2" sq. steel pickets, spaced as shown, paint. Round off corners.
94 ---.
95 Anchor bolts, see STRUCTURAL.
96 ---.
97 Steel angle, see STRUCTURAL. Paint when exposed.
98 Mineral wool fire-safing insulation.
99 1/2" cover board, part of roofing system. ADD. ALT.
100 Mortar deflection mesh.
101 2 x 4 wood outlookers at 16" o.c. ADD. ALT.
102 Termination bar and sealant, typ. to roofing manuf.
103 Hem edge of flashing.
104 Anchor clips at 24" o.c.
105 3/4" plywood, A/C, expose clear side, paint.
106 15/32" plywd. subfloor & 19/32" plywd. underlayment.
107 Existing brick column to remain, verify at site.
108 Prefinished metal J-trim.
109 1x4 clear wood trim, paint.
110 Drywall expansion joint.
111 Sealant on backer rod.
112 ---.
113 Solid CMU cap block.
114 Drywall J-trim.
115 WRB, fluid-applied, typ. at CMU wall.
116 Reinf. CMU lintel block, see STRUCTURAL.
117 Eave strut, see STRUCTURAL.
118 3/4" clear wood trim, paint.
119 Hollow metal frame, anchor to wall, paint.
120 Thermal spacer blocks, typ. to insulation manuf.
121 Closure detail, typical to roofing manufacturer.
122 Wire ladder reinforcing, galvanized, at 16" o.c.
123 Expanded steel wire mesh, paint.
124 Underground plumbing line, verify at site.
125 Rigid wall insulation, 1".
126 Toilet tissue dispenser, provided by Owner, install by GC.
127 Mirror, install at ADA height.
128 Soap dispenser, provided by Owner, install by GC.
129 Paper tower holder, provided by Owner, install by GC.
130 New lintel at new opening, see STRUCTURAL.
131 Infill flooring to match adjacent.
132 Cee steel girt, attach securely to structure as required.
133 ---.
134 1 x 6 clear wood trim, paint.
135 7/8" steel furring channels at 16" o.c.
136 Resilient base, 4" cove.
137 Fire-rated sealant at perimeter, typical.
138 Exterior wall only, fire-rated as per UL Design V421.
139 Ceiling only, fire-rated as per UL P516.
140 2 x 10 wood ledger, see STRUCTURAL, securely attached.
141 1-5/8" steel stud framing at 16" o.c.
142 Bleacher seating, mounted to edge of floor.
143 Bleacher seating, post-supported.
144 Bleacher support system.
145 Relocate exit sign to above exterior door.
146 Wall padding to be removed by RPSB crews.
147 Remove existing climbing wall panels & furring strips. Relocate to opposite wall of Gym as per direction of School.
148 Carefully remove portion of existing wall.

KEYNOTES

1 Remove portion of existing downspouts at new addition.
2 Existing metal siding to remain, verify at site.
3 Existing metal roofing to remain, verify at site.
4 Extend existing downspout across roof into gutter.
5 Existing brick to remain, verify at site.
6 Remove portion of existing chain link fence at new wall, verify at site. Reconnect remaining fence to wall.
7 CMU wall, 4 x 8 x 16, paint where exposed.
8 2 x 10 wood joists at 16" o.c.
9 Modular bleacher seating.
10 Prefin. metal roof edge flashing, as per NRCA. ADD. ALT.
11 Metal cleat, typical as per NRCA detail. ADD. ALT.
12 Expansion joint, 3/4" material, sealant at outside edge.
13 Prefinished corrugated metal liner panels on 7/8" furring channels at 16" o.c.
14 Prefinished metal liner panels on wall framing.
15 Beam/Truss beyond, see STRUCTURAL.
16 1-1/2" dia. steel pipe handrail with wall brackets, paint. Provide suitable anchors and concealed blocking in wall.
17 ---.
18 Step as part of bleacher risers, 11" tread, 8" riser, or as per applicable Codes.
19 Infill with CMU, paint.
20 Clean-out, see PLUMBING.
21 Existing downspout, verify at site.
22 Existing building, verify at site.
23 Existing fence, verify at site.
24 Structural steel column/beam, see STRUCTURAL.
25 Existing roof overhang, verify at site.
26 Relocate exist. light fixture to this location, verify at site.
27 Reloc. exist. security camera to this location, verify at site.
28 5/8" type X gyp. bd. on 7/8" steel furring channels at 16" o.c.
29 Face brick veneer, match existing. Masonry reinforcing at 16" o.c.
30 8" steel roof purlin at 5'-0" o.c. See STRUCTURAL. Attach securely to building frame as required.
31 CMU, nom. 8x8x16 units,, reinforced, see STRUCTURAL. Paint where exposed.
32 Metal door and frame, anchored into CMU. Install as per manuf. recommend. See STRUCTURAL. Paint.
33 One-hour fire-rated wall as per UL Design U305.
34 Finish grading as needed to provide drainage away from building, install grass sod over disturbed areas.
35 Soldier course, face brick, match existing.
36 Rubbed concrete finish at exposed concrete foundation.
37 Prefinished metal, standing seam, wall panels, match existing.
38 Prefinished metal gutter, match existing.
39 Prefinished metal corner trim, match existing.
40 Prefinished metal rake trim, match existing.
41 Prefinished metal counter-flashing, match existing.
42 Reloc. exist. intercom spkr. to this location, verify at site.
43 One-hour fire-rated wall construction, UL Design No.V 906
44 Batt insulation, full depth of framing.
45 One-hr. fire-rated floor/ceiling, GA File No. FC 5250.
46 Standing seam metal roofing panels, match existing.
47 Suspended acoustic ceiling panels in metal grid.
48 Vinyl-faced fiberglass blanket insulation, 4" thk.
49 Prefinished metal trim, match existing.
50 Prefinished metal roof-wall flashing.
51 Excavation and select fill, see STRUCTURAL.
52 Rigid roof insulation, two (2) layers 1-1/2" thick. ADD ALT.
53 Header, see STRUCTURAL.
54 TPO membrane roofing system, on coverboard. ADD. ALT.
55 2 x 6 wood joist framing at 16" o.c., slope at 1/4" per ft. ADD. ALT.
56 2 x 4 wood stud framing at 16" o.c., brace as needed.
57 5/8" type X gyp. bd., paint.
58 Finish flooring and base, see FINISH NOTES on A2.0.
59 Concrete slab on 4" granular fill on compacted select fill, on compacted existing grade, see STRUCTURAL.
60 2 x 6 wood stud framing at 16" o.c., brace as needed.
61 Wood blocking, concealed, size as needed for condition.
62 Prefinished metal trim, dimensions to suit location.
63 Roof-wall flashing detail, typical to roofing manufacturer.
64 Thru-wall flashing, extend past brick 1/2", turn down.
65 Weep vents at 24" o.c., horiz..
66 Rigid wall insulation, 3/4" thickness.
67 Weather-resistant barrier (WRB).
68 Exterior sheathing, plywood., 19/32" thk.
69 Metal structural clips at each joist, see STRUCTURAL.
70 HVAC unit/ductwork, see MECHANICAL.
71 Roof sheathing, 3/4" exterior plywood roof decking. ADD. ALT.
72 ---.
73 Support existing building frame with new structure. Provide shoring during process. See STRUCTURAL.
74 CMU wall construction, 6x8x16 nom. units, paint where exposed. See STRUCTURAL.
75 Bleacher support system.

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JAMES D. WEINZETTLE No. 3884 STATE OF LOUISIANA REGISTERED ARCHITECT

10.30.25

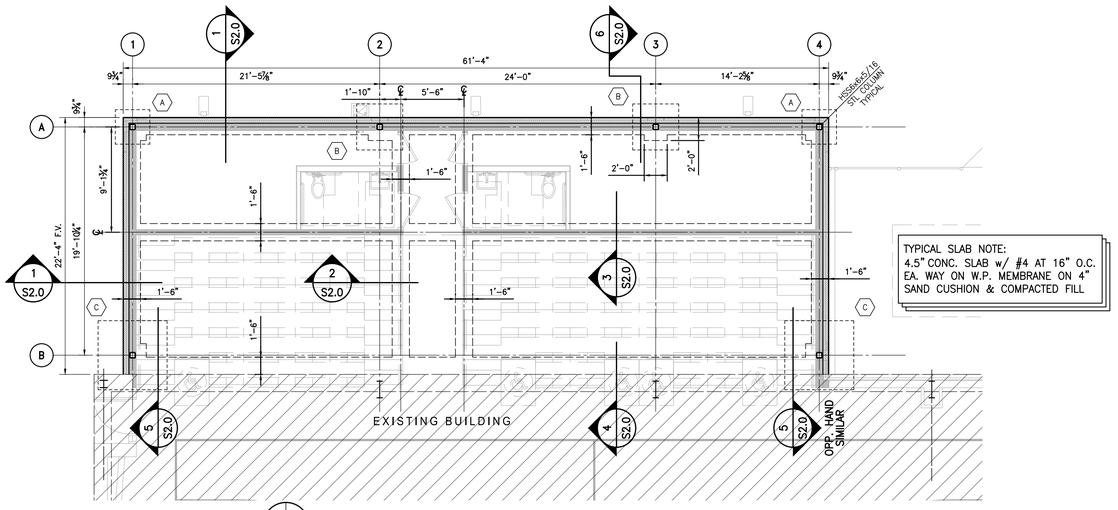
REVISIONS

revision	description	date
	-	-
	-	-

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn -
checked -
project date OCT 2025
drawing no. A5.1

WALL SECTIONS

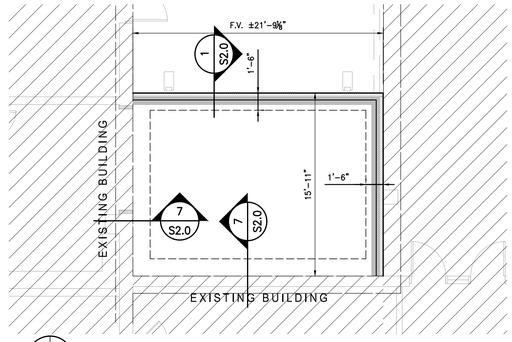


TYPICAL SLAB NOTE:
4.5" CONC. SLAB w/ #4 AT 16" O.C. EA. WAY ON W.P. MEMBRANE ON 4" SAND CUSHION & COMPACTED FILL

N

FOUNDATION PLAN

SCALE: 3/16" = 1'-0"



TYPICAL SLAB NOTE:
4.5" CONC. SLAB w/ #4 AT 16" O.C. EA. WAY ON W.P. MEMBRANE ON 4" SAND CUSHION & COMPACTED FILL

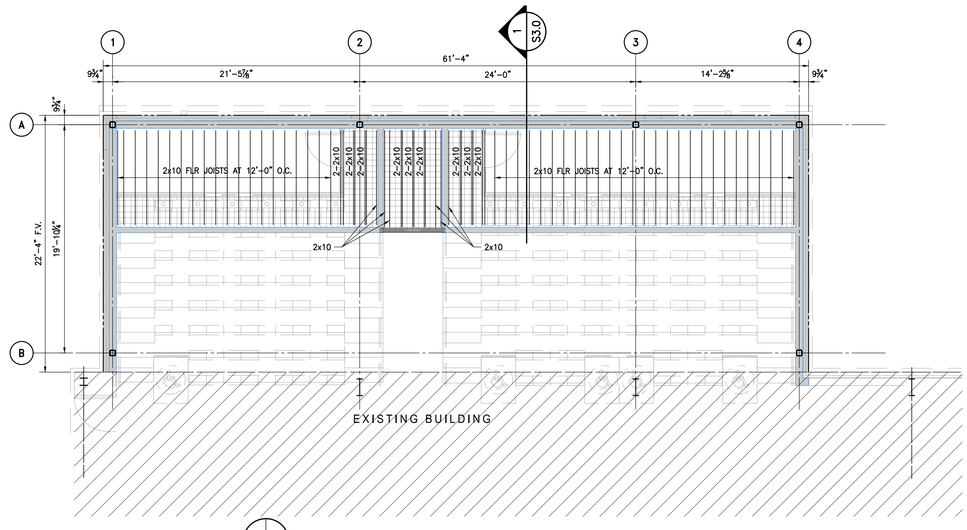
N

FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

ADDITIONAL NOTES FOR CONCRETE SLAB:

1. **CONCRETE MIX DESIGN**
   - A. 3,000 PSI, TYPE 1 PORTLAND CEMENT MEETING ASTM C150.
   - B. NORMAL WEIGHT AGGREGATES MEETING ASTM C33
2. **VAPOR BARRIER**
   - A. 12MIL MINIMUM THICKNESS.
   - B. STEGO INDUSTRIES - STEGO WRAP VAPOR BARRIER OR EQUAL.
   - C. LAP AND TAPE JOINTS PER MANUFACTURERS RECOMMENDATIONS.
   - D. STEGO INDUSTRIES OR EQUAL - USE TAP/SEAL PRODUCTS FOR SEALING SEAMS AND PENETRATIONS.
3. **FLOOR FINISH**
   - A. REFER TO ARCHITECTURAL DRAWINGS.
4. **CURING COMPOUNDS**
   - A. LIQUID MEMBRANE-FORMING CURING COMPOUND, SCOFIELD - LITHOCHROME COLORWAX OR EQUAL.
   - B. CONFORM TO ASTM C309.
5. **SAW CUTTING**
   - A. SAW CUTTING SHALL BE DONE WITHIN 4 HOURS OF CONCRETE PLACEMENT.
6. **CONCRETE SLAB**
   - A. FLOOR LEVELNESS REQUIREMENTS FL OF 35.
   - B. FLOOR FLATNESS REQUIREMENTS FF OF 25.



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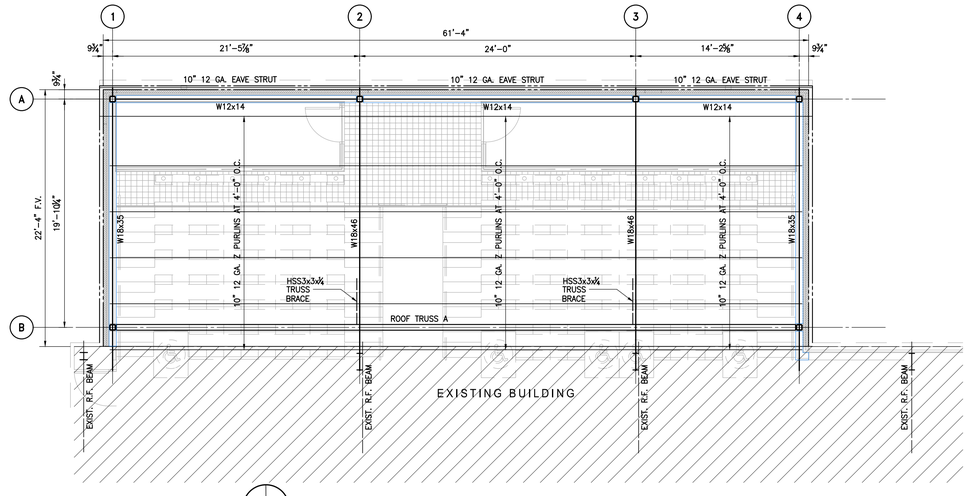
INTERMEDIATE FRAMING PLAN

SCALE: 3/16" = 1'-0"



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ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

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P.O. Box 286
Benton, Louisiana 71006
Voice 318.402.4640
Fax 318.383.6667
www.bludotengineering.com

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STATE OF LOUISIANA
CHRISTOPHER L. RENEAU
License No. 36354
11/05/2025
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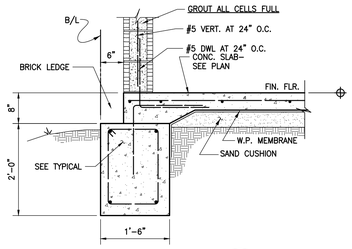
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn JEC
checked JEC
project date Oct 2025

sheet contents
FOUNDATION & FRAMING PLANS

drawing no. **S1.0**



SECTION 1
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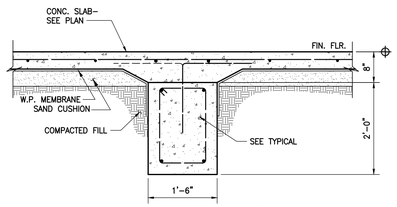

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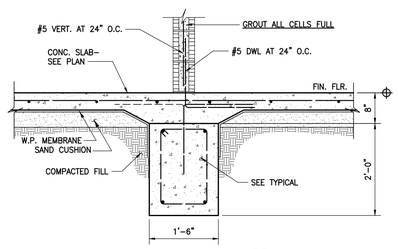

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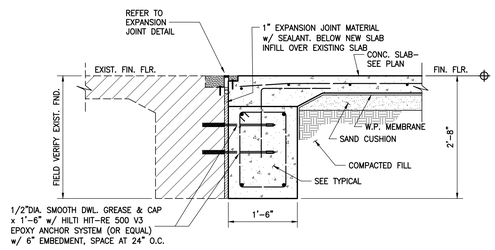

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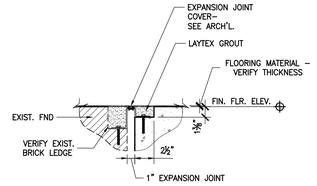
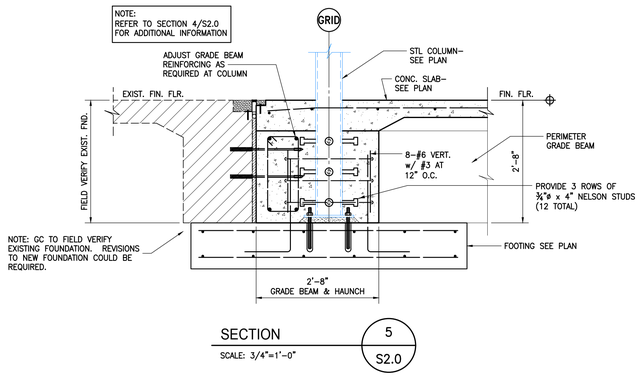


TYPICAL EXPANSION JOINT DETAIL



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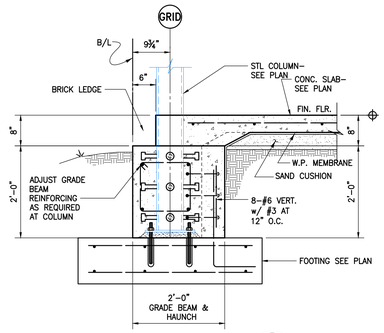

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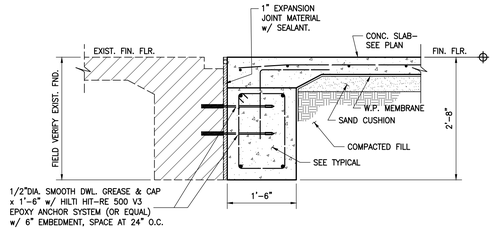

SECTION 7
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P.O. Box 286
Benton, Louisiana 71006
Voice 318.402.4640
Fax 318.383.6667
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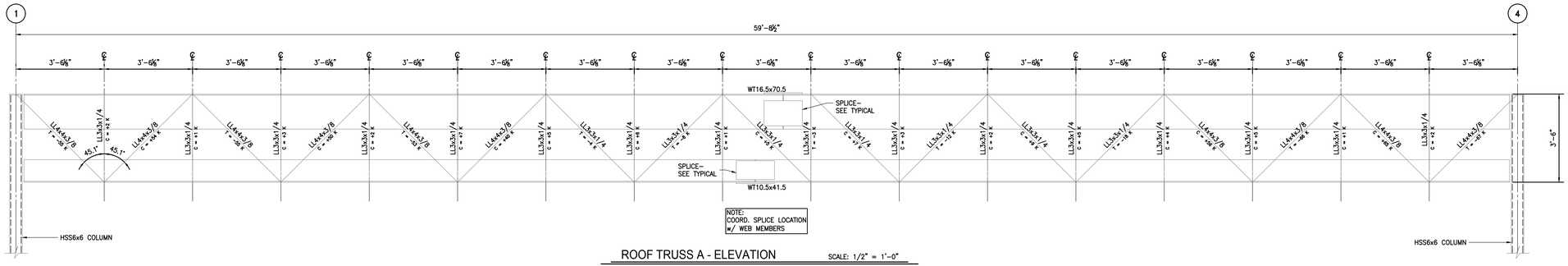
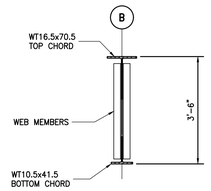


ROOF TRUSS A - ELEVATION SCALE: 1/2" = 1'-0"



ROOF TRUSS A - SECTION
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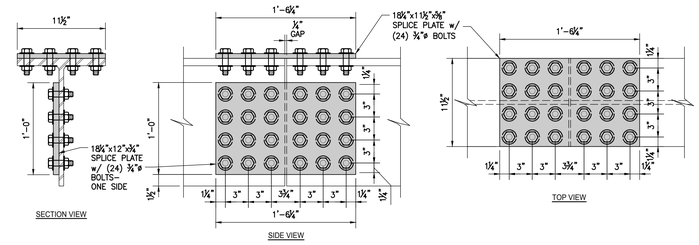
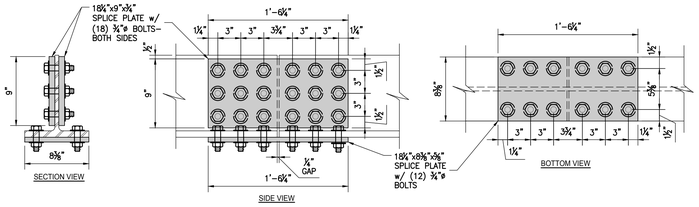


WT16.5x70.5 TOP CHORD TRUSS SPLICE DETAILS
SCALE: 1–1/2"=1'–0"



WT10.5x41.5 BOTTOM CHORD TRUSS SPLICE DETAILS
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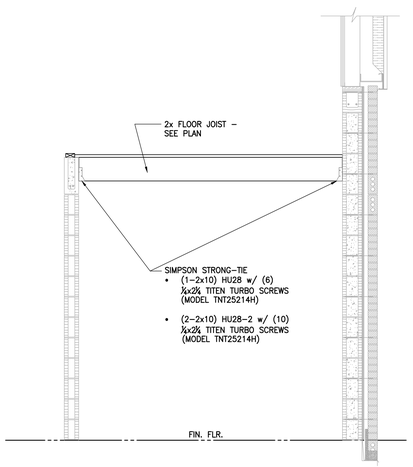

BUILDING SECTION 1 SCALE: 1/2" = 1'-0"

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sheet contents
FRAMING DETAILS

drawing no.
S3.0

GENERAL NOTES:

GENERAL:

1. THE CONTRACTOR SHALL VERIFY FIELD DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR INCONSISTENCIES BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS AND SIZES OF ALL OPENINGS IN FLOORS AND ROOFS AND ALL INSERTS AND EMBEDDED ITEMS WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS BEFORE PLACING CONCRETE, OR ERECTING ANY STRUCTURAL LOAD BEARING MATERIAL. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL COORDINATION WITH SUB-CONTRACTORS.
3. ADEQUATE TEMPORARY BRACING WILL BE REQUIRED OF ALL STRUCTURAL PIECES OR WALLS AND ROOF DECKS ARE IN PLACE, AND ALL CONCRETE HAS BEEN PLACED AND GAINED ITS ULTIMATE STRENGTH.
4. IN CASE OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL VERIFY WITH ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
5. THE LATEST EDITION OF ACI, AISC, AWS AND CRSI SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.
6. DESIGN CODES AND GENERAL CRITERIA:
   - A. 2021 INTERNATIONAL BUILDING CODE.
   - B. ACI 318-19 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
   - C. AISC SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS – ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, THIRTEENTH EDITION.
   - D. AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
   - E. ASCE 7-22 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
7. DESIGN LOADS:
   - A. ROOF DEAD LOAD – 20 PSF
   - B. ROOF LIVE LOAD – 25 PSF
   - C. ATTIC WALKWAY LIVE LOAD – 10 PSF
   - D. FLOOR LIVE LOAD – 50 PSF
   - E. WIND DESIGN DATA
     - WIND LOAD (Vult) – 106 MPH PER ASCE 7-22
     - RISK CATEGORY – 2
     - WIND EXPOSURE CATEGORY – C
     - INTERNAL PRESSURE COEFFICIENT – 0.18
   - F. GROUND SNOW LOAD Pg – 11 PSF
   - G. SEISMIC DESIGN DATA
     - SITE CLASS – E – SOFT CLAY SOIL
     - RISK CATEGORY – 2
     - DESIGN CATEGORY – B
     - MAPPED MAXIMUM CONSIDERED EARTHQUAKE SPECTRAL RESPONSE ACCELERATION – Ss = 14.0%, S1 = 7.3%
     - MAXIMUM CONSIDERED EARTHQUAKE SPECTRAL RESPONSE ACCELERATION – Sms = 19.0%, Sm1 = 16.0%
     - DESIGN S.R.A. PARAMETERS – Sds = 13.0%, Sd1 = 10.0%

FOUNDATION:

1. THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT WAS CONDUCTED BY GEOTECHNICAL TESTING LABORATORY, INC. (REPORT No 01-25-005). CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH THE EXISTING SOIL CONDITIONS AS REPRESENTED BY THE SUBSURFACE EXPLORATION LOGS.
2. SPREAD FOOTINGS AND GRADE BEAMS SHALL BEAR ON COMPACTED SELECT FILL WITH A MAXIMUM ALLOWABLE NET BEARING CAPACITY OF 2,000 PSF AND 1,500 PSF, RESPECTIVELY.
3. EARTHWORK: ALL EXISTING PAVEMENTS, FOUNDATIONS, UTILITIES, VEGETATION, TOPSOIL CONTAINING ORGANIC MATERIALS AND ANY SOFT SOILS SHALL BE CLEARED AND GRUBBED FROM THE BUILDING SITE. EXCAVATE FROM EXISTING GRADE AS REQUIRED. SLOPE FINAL CUT OF EXCAVATED SURFACE ON ONE PERCENT (1%) TO ALLOW DRAINAGE OF ANY WATER UNDER FOUNDATION. AFTER REMOVAL OF VEGETATION AND EXCAVATION, THE EXPOSED SURFACE SHALL BE PROOF ROLLED AND ANY SORT OF COMPRESSIBLE MATERIAL SHALL BE REMOVED OR IMPROVED BY DENSIFICATION AS RECOMMENDED FOR COMPACTED FILL BELOW FOUNDATIONS. AFTER COMPLETION OF PROOF ROLLING THE SURFACE SHALL BE SCARIFIED FOR A MINIMUM DEPTH OF EIGHT (8) INCHES AND RECOMPACTED AS PER COMPACTION NOTE.
4. EXPOSED SURFACE COMPACTION: EXPOSED SURFACE SOIL TO RECEIVE SELECT FILL SHOULD BE SCARIFIED TO A MINIMUM OF EIGHT (8) INCHES AND MOISTURE CONDITIONED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DRY DENSITY AT MINUS ONE (-1%) PERCENTAGE POINTS BELOW TO PLUS THREE (+3%) PERCENTAGE POINTS ABOVE ITS OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM SPECIFICATION D698.
5. ALL SOIL USED AS FILL SHALL BE SILTY-CLAYEY SANDS (SM-SC), LOW PLASTICITY SANDY CLAYS (CL), OR CLAYEY SANDS (SC) WITH A MAXIMUM LIQUID LIMIT OF 40, PLASTICITY INDEX RANGING BETWEEN 8 AND 20 AND LESS THAN 70% PASSING THE #200 SIEVE. IF A FINE-GRAINED MATERIAL IS USED, VERY CLOSE MOISTURE CONTENT CONTROL WILL BE REQUIRED TO ACHIEVE THE RECOMMENDED DEGREE OF COMPACTION.
6. SLABS-ON-GRADE LEVELING BED SHALL BE EITHER WELL-GRADED WASHED CONCRETE SAND OR AASHTO #57 LIMESTONE.
7. SELECT FILL COMPACTION: A MINIMUM OF TWO (2) FEET OF SELECT FILL IS REQUIRED BENEATH THE FLOOR SLAB AND SHOULD EXTEND AT LEAST FIVE (5) FEET BEYOND THE EDGE OF BUILDING. SELECT FILL SLAB SHALL BE PLACED IN EIGHT (8) INCH THICK LOOSE LIFTS AND COMPACTED TO A MINIMUM OF NINETY-FIVE PERCENT (95%) OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR METHOD, ASTM SPECIFICATION D698.
8. POSITIVE SURFACE DRAINAGE AWAY FROM THE STRUCTURES SHALL BE ESTABLISHED AND MAINTAINED AT ALL TIMES BOTH DURING AND AFTER CONSTRUCTION. WATER SHALL NOT BE ALLOWED TO COLLECT NEAR THE BUILDING SITE AT ANY TIME.
9. FINISH GRADES OF FILL: THE FINISH GRADES OF FILL AGAINST GRADE BEAMS SHALL SLOPE AWAY FROM THE BUILDING AND CARE SHALL BE TAKEN THAT NO LOW SPOTS EXIST IN FILL THAT ALLOWS WATER TO COLLECT.
10. CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SHORING TO PREVENT CAVE-INS.
11. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE ARCHITECT PRIOR TO PLACEMENT OF REINFORCING STEEL OR CONCRETE.
12. EACH LIFT OF COMPACTED SOIL SHOULD BE TESTED AND INSPECTED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.
13. CONDUCT IN-PLACE DENSITY TESTS AT THE RATE OF NOT LESS THAN ONE (1) TEST PER 2500 SQUARE FEET OF SURFACE AREA OR MINIMUM OF FOUR (4) TESTS PER LIFT FOR EACH TESTED AREA.
14. CONFIRM SUITABILITY BY ATTERBERG LIMIT TESTS AT THE RATE OF AT LEAST ONE TEST PER 250 CUBIC YARDS.
15. CONTRACTOR SHALL PROVIDE FOR DEWATERING AT EXCAVATIONS FROM EITHER SURFACE WATER OR SEEPAGE.

SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTIONS ARE REQUIRED FOR CONCRETE CONSTRUCTION AS REQUIRED IN CHAPTER 17 OF THE IBC 2021. ALL EFFECTIVE ADDENDUMS AND/OR REVISIONS TO THIS CHAPTER SHALL BE CONSIDERED.
2. AN AGENCY QUALIFIED IN SPECIAL INSPECTIONS AND ACCEPTABLE TO THE BUILDING CODE OFFICIAL SHALL BE ENGAGED TO DO THE SPECIAL INSPECTION WORK.
3. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE WORK TO ALLOW REQUIRED SPECIAL INSPECTIONS WITHOUT DELAYING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 48 HOURS ADVANCE NOTICE TO SPECIAL INSPECTORS.
4. SPECIAL INSPECTION OF ALL CONCRETE CONSTRUCTION SHALL MEET THE VERIFICATION AND INSPECTION REQUIREMENTS OF IBC 2021 TABLE 1705.3.

CONCRETE:

1. ALL STRUCTURAL CONCRETE SHALL BE CLASSIFIED AS NORMAL WEIGHT CONCRETE WITH A UNIT WEIGHT OF 145 LBS/CU. FT. CONCRETE MEMBERS SHALL NOT BE LOADED UNTIL THE SPECIFIED CONCRETE STRENGTH HAS BEEN ACHIEVED. AT THE CONTRACTOR'S OPTION, HIGHER STRENGTH CONCRETE MAY BE SUPPLIED TO ACCELERATE SCHEDULE.
2. MINIMUM CONCRETE 28 DAY COMPRESSIVE STRENGTH AND SLUMP:

	STRENGTH:	SLUMP: MIN./MAX.
FOOTINGS	3000 psi	4IN./6IN.
GRADE BEAMS	3000 psi	3IN./5IN.
SLABS ON GRADE	3000 psi	2IN./4IN.
ALL OTHER CONCRETE	3000 psi	3IN./5IN.

   CONCRETE MIX DESIGNS FROM THE CONCRETE SUPPLIER AND TEST RESULTS FROM THE TESTING LAB SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR EVALUATION AND APPROVAL.
3. ALL CAST-IN-PLACE CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI 301, LATEST EDITION.
4. ALL DETAILING, FABRICATION AND INSTALLATION OF STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 315 AND ACI 318 (LATEST EDITIONS).
5. CONCRETE REINFORCING: REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 BARS.
6. MINIMUM COVERAGE ON REINFORCING STEEL:
   - CONCRETE CAST AGAINST EARTH ..... 3" CLEAR TO STIRRUP
   - CONCRETE CAST AGAINST FORMS ..... 2" CLEAR TO STIRRUP
   - GRADE BEAMS ..... ¾" TOP, 3" BOTTOM, 2" ON FORMED SIDES
7. GRADE BEAMS SHALL BE ON SIZE AND WITH REINFORCEMENT AS INDICATED ON PLANS. DETAIL REINFORCING AND PROVIDE CORNER BARS AT GRADE BEAM INTERSECTIONS TO MATCH HORIZONTAL REINFORCING. SPLICE BOTTOM REINFORCING WHEN NECESSARY OVER SUPPORTS. SPLICE TOP REINFORCING WHEN NECESSARY AT MID-SPAN. ALL SPLICES SHALL BE ACCORDANCE WITH THE ACI 318 AND THE TYPICAL DETAILS CONTAINED ON THE DRAWINGS.
8. SLABS ON GRADE: SLABS ON GRADE SHALL BE OF THE THICKNESS AND WITH REINFORCEMENT AS SHOWN ON DRAWINGS. APPLY CURING COMPOUND IN ACCORDANCE WITH THE SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. SLAB REINFORCING SHALL BE CENTERED IN SLAB. CARE SHALL BE TAKEN TO MAINTAIN SLAB REINFORCEMENT POSITION DURING PLACING OPERATION.
9. UNLESS NOTED OTHERWISE, PROVIDE 90 DEGREE CORNERS AT ALL EXPOSED EDGES AND CORNERS.
10. PROVIDE CONSTRUCTION JOINTS AS REQUIRED. COORDINATE JOINT LOCATIONS WITH ARCHITECT/ENGINEER.

REINFORCING STEEL:

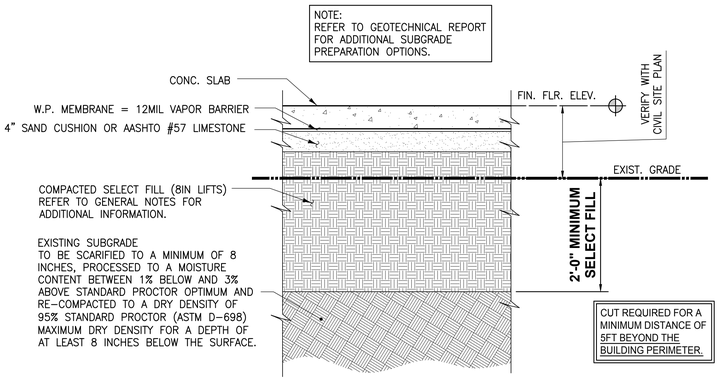
1. ALL REINFORCING STEEL SHALL BE NEW BILLET, ASTM A615 GRADE 60 DEFORMED DOMESTIC BARS. ALL DETAILING, FABRICATION, PLACING AND SUPPORTING SHALL BE IN ACCORDANCE WITH ACI 318 AND CRSI.
2. ALL DOWELS SHALL BE THE SAME SIZE AND SPACING AS ADJOINING MAIN BARS (MIN. LAP 30 BAR DIA.), UNLESS NOTED OR DETAILED OTHERWISE. THE MINIMUM SPLICE OF ALL CONTINUOUS BARS SHALL BE 40 BAR DIA. (2'-0" MIN.). PROVIDE OUTSIDE CORNER BARS IN ALL BEAMS, BARS SHALL BE SAME SIZE AS MAIN BEAM STEEL; LAP 30 BAR DIA.
3. CLEAR MINIMUM COVERAGE OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:
   - CONCRETE PLACED AGAINST EARTH ..... 3"
   - FORMED CONCRETE AGAINST EARTH ..... 2"
   - BEAMS TO TIES/STIRRUPS ..... 1-1/2"
4. ALL REINFORCING BARS, BOLTS, DOWELS, INSERTS, ETC., SHALL BE RIGIDLY SECURED IN POSITION PRIOR TO PLACING CONCRETE.
5. CONTRACTOR SHALL SUBMIT COMPLETE SHOP AND PLACING DRAWINGS AND OBTAIN APPROVAL PRIOR TO FABRICATION.

STRUCTURAL STEEL:

1. ALL WIDE FLANGE SECTIONS SHALL BE ASTM A992. ALL ANGLES, AND PLATES SHALL BE ASTM A36. ALL STRUCTURAL STEEL PIPE SHALL BE ASTM A53 GRADE B. ALL HOLLOW STRUCTURAL STEEL TUBE SECTIONS SHALL BE ASTM A500 GRADE B.
2. STRUCTURAL STEEL SECTIONS SHALL BE DESIGNED, DETAILED FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION", ALLOWABLE STRESS DESIGN, LATEST EDITION. ALL LOADS SPECIFIED ON THE DRAWINGS ARE SERVICE LOADS.
3. ALL BOLTED CONNECTIONS FOR STRUCTURAL STEEL SHALL USE MIN. ¾" DIAMETER ASTM A325 HIGH STRENGTH BOLTS. CONNECTIONS SHALL BE BEARING TYPE WITH THREADS ALLOWED IN THE SHEAR PLANE.
4. ALL STRUCTURAL STEEL BOLTED CONNECTIONS WITH ASTM-A325 ¾" DIAMETER BOLTS SHALL BE TIGHTENED TO ACHIEVE A MINIMUM BOLT TENSION FOR CALIBRATED WRENCHES OF 30,000LBS. THE CONTRACTOR SHALL HAVE A QUALIFIED TESTING AGENCY CHECK ALL CONNECTIONS.
5. ALL WELDS SHALL BE MADE USING E70XX LOW HYDROGEN ELECTRODES AND SHALL BE MADE IN ACCORDANCE WITH AISC AND AWS.
6. ALL STRUCTURAL STEEL SHALL BE PAINTED WITH A SHOP PRIME COAT AND FIELD RETOUCHED WHERE THE SHOP COAT HAS BEEN DAMAGED DUE TO PLACING, HANDLING AND WELDING. ALL STEEL BEAMS SHALL BE FABRICATED WITH NATURAL CAMBER UP.
7. CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS AND OBTAIN APPROVAL PRIOR TO FABRICATION.

ABBREVIATION LEGEND:

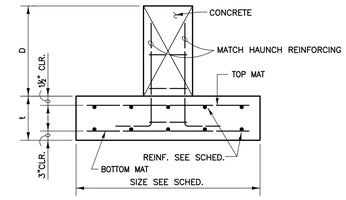
&	AND	CONN.	CONNECTION	MID.	MIDDLE
℄	BUILDING LINE	CONT.	CONTINUOUS	MIN.	MINIMUM
℄	CENTER LINE	DIA. / ø	DIAMETER	NOM.	NOMINAL
⊥⊥	DOUBLE ANGLE	DIR.	DIRECTION	N.S.	NEAR SIDE
#	NUMBER	DN	DOWN	O.C.	ON CENTER
%	PERCENT	DWLS.	DOWELS	PSF	POUNDS PER SQUARE FOOT
ℙ	PLATE	EA.	EACH	PSI	POUNDS PER SQUARE INCH
w/	WITH	EL.	ELEVATION	P.T.	POST TENSION
A.F.F.	ABOVE FINISH FLOOR	ELEV.	ELEVATION	REINF.	REINFORCING
ALT.	ALTERNATE	EQ.	EQUAL	REQ'D	REQUIRED
ANCH.	ANCHOR	FIN. FLR.	FINISH FLOOR	R.T.U.	ROOF TOP UNIT
ARCH'L	ARCHITECTURAL	F.L.	FLOW LINE	SQ. FT.	SQUARE FOOT
BOT.	BOTTOM	FTG.	FOOTING	TEMP.	TEMPERATURE
B.O.D.	BOTTOM OF DECK	F.S.	FAR SIDE	T.O.	TOP OF
B.O.S.	BOTTOM OF STEEL	GALV.	GALVANIZED	T.O.S.	TOP OF STEEL
B.S.	BRICK SHELF	HK.	HOOK	TYP.	TYPICAL
B.F.F.	BELOW FINISH FLOOR	H.T.	HURRICANE TIE	U.N.O.	UNLESS NOTED OTHERWISE
CMU	CONCRETE MASONRY UNIT	L.L.H.	LONG LEG HORIZONTAL	VERT.	VERTICAL
COL.	COLUMN	L.L.V.	LONG LEG VERTICAL	W.P.	WATER PROOFING
CONC.	CONCRETE	MAX.	MAXIMUM		



TYPICAL SLAB & SUBGRADE DETAIL

GEOTECHNICAL REPORT NOTES:

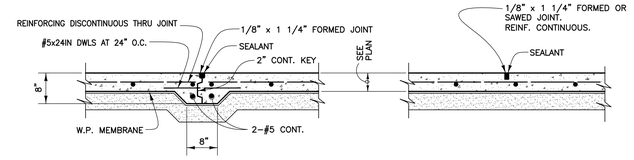
- POSITIVE DRAINAGE AWAY FROM THE STRUCTURE SHOULD BE PROVIDED AT ALL TIMES DURING CONSTRUCTION. PROPER SURFACE MUST BE MAINTAINED TO NOT ALLOW WATER TO POND AROUND OR BELOW THE BUILDING. IF POSITIVE DRAINAGE IS NOT PROVIDED, PONDING WATER CAN CREATE EXCESSIVE TOTAL AND DIFFERENTIAL MOVEMENTS.
- AFTER STRIPPING THE SITE, THE BUILDING PAD SHOULD BE CUT TO AN ELEVATION WHICH ALLOWS THE PLACEMENT OF AT LEAST TWO FEET OF DENSITY-APPROVED SELECT FILL BELOW THE FINAL SUBGRADE ELEVATION FOR THE FLOOR SLAB.
- IF INSTABILITY PERSISTS WITH THE EXPOSED SUBGRADE AT THE BOTTOM OF THE BUILDING PAD EXCAVATION, THE AREA MAY REQUIRE OVER-EXCAVATION (SEE REPORT FOR ADDITIONAL INFORMATION).



SPREAD FOOTING DETAIL

SPREAD FOOTING SCHEDULE

MARK	SIZE	"t"	REINFORCING
A	3'-0" x 3'-0"	12"	3-#5 EA. WAY TOP & BOTTOM MAT
B	4'-0" x 4'-0"	12"	4-#5 EA. WAY TOP & BOTTOM MAT
C	6'-0" x 6'-0"	12"	6-#5 EA. WAY TOP & BOTTOM MAT

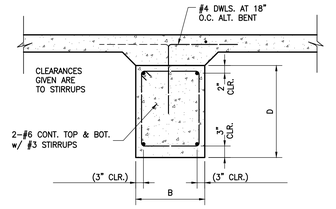


CONSTRUCTION JOINT DETAIL (C.J.)

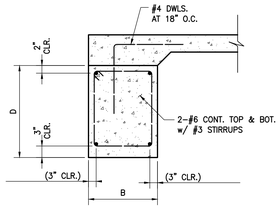
CONTRACTION JOINT DETAIL (D.J.)

NOTE:
SAW CUTTING SHALL BE DONE WITHIN 4 HOURS OF CONCRETE PLACEMENT

SLAB NOTE:
- MONOLITHIC SLAB POUR IS RECOMMENDED.
- IF MULTI-STAGE SLAB POUR IS USED, PLACE CONSTRUCTION JOINTS AS REQUIRED.
- CONTRACTOR TO DETERMINE METHOD AND COORDINATE WITH SUB-CONTRACTORS.



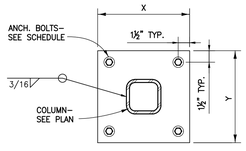
TYPICAL INTERIOR BEAM SECTION



TYPICAL PERIMETER BEAM SECTION

BASE PLATE SCHEDULE

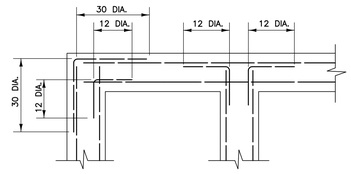
COLUMN	BASE PLATE SIZE			REMARKS
	X	Y	THK.	
HSS 6x6x5/16	14"	14"	3/4"	



BASE PLATE DETAIL

ANCHOR BOLT SCHEDULE

COLUMN	Y	E	PROJ.	DIA.	FINISH	BOLT GRADE	EPOXY SYSTEM
HSS 6x6x5/16	10¾"	6¾"	4"	¾"	STANDARD	HAS-E RODS	HILTI HIT-RE 500



TYPICAL CORNER REINFORCING

(FOR ALL REINFORCED CONCRETE BEAMS)

BLUDOT ENGINEERING
P.O. Box 286
Benton, Louisiana 71006
Voice 318.402.4640
Fax 318.383.6667
www.bludotengineering.com

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STATE OF LOUISIANA
CHRISTOPHER L. RENEAU
License No. 36354
11/05/2025
PROFESSIONAL ENGINEER

REVISIONS

revision	description	date

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn JEC
checked JEC
project date Oct 2025

sheet contents: **GENERAL NOTES & TYPICAL DETAILS**

drawing no. **S4.0**

PIPE AND FITTING MATERIAL SCHEDULE

ALL PIPE AND FITTING MATERIALS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE IPC AND THE LA. AMMENDMENTS

SERVICE	PIPE MATERIAL	JOINT TYPE	FITTING MATERIAL	REMARKS
SOIL, WASTE & VENT ABOVE & BELOW FIRST FLOOR SLAB AND BLDG SEWER (EXTERIOR)	SCHEDULE 40 PVC, ASTM D-1785, CS-207 (TYPE 1)	SOLVENT WELDED	SCHEDULE 40 PVC, ASTM D-1785, CS-207 (TYPE 1)	
DOMESTIC WATER SERVICE PIPING EXTERIOR	SCHEDULE 40 PVC ASTM D-1785,CSA 137.3 ASTM D 2241, ASTM D2672	SOLVENT WELDED	SCHEDULE 40 PVC ASTM D 2464,CSA B137.2 ASTM D 2466, ASTM D2467	
DOMESTIC WATER BELOW SLAB-ON-GRADE INTERIOR	TYPE "K" COPPER ASTM B-88 SOFT THRU 1 1/2", HARD FOR 2" AND LARGER	NO JOINTS THRU 1 1/2", SILVER BRAZED FOR 2" AND LARGER	WROUGHT COPPER	
DOMESTIC WATER ABOVE FIRST FLOOR SLAB, INTERIOR	TYPE "L" HARD COPPER, ASTM B-88	95-5 SOLDER WITH INTERMEDIATELY CORROSIVE FLUX	WROUGHT COPPER	
GAS PIPING, UNDER-GROUND OUTSIDE OF BUILDING UNLESS NOTED ON PLANS	POLYETHYLENE (PE) ASTM D 2513, 100PSIG WORKING PRESSURE. SDR 11.5 MAXIMUM	SOCKET ASTM D 2683 THRU 2" BUTT-FUSION ASTM D 2513, MOLDED 2 1/2" AND LARGER	POLYETHYLENE (PE) ASTM D 2513	PROVIDE TRACER WIRE AS REQUIRED BY SERVING UTILITY

PLUMBING FIXTURE SCHEDULE

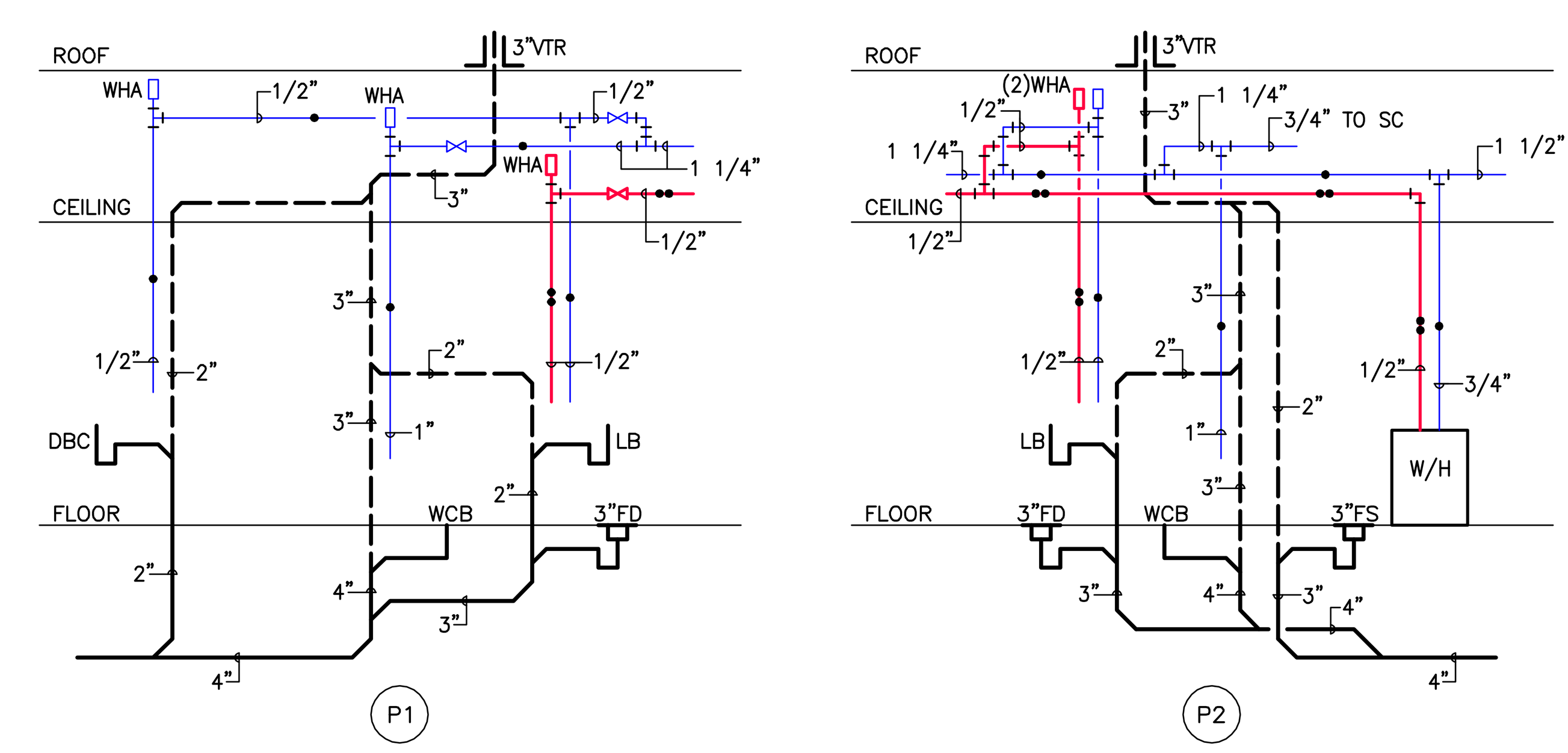
(D)=DELTA
(SY)=SYMMONS
(M)=McGUIRE MFG.CO.
(C)=CHICAGO FAUCET CO.

* CERTIFIED COMPLIANCE WITH ADA GUIDLINES AND ANSI A117.1 REQUIREMENTS FOR PEOPLE WITH DISABILITIES.
(1) ALL FIXTURES SHALL COMPLY WITH THE LOUISIANA STATE LEAD LEGISLATION (HB.471)
(2) PROVIDE ASSE 1070 CERTIFIED POINT OF USE ANTI-SCALD MIXING VALVE AT ALL LAVATORIES AND SINKS.

FIXTURE DESIG.	MFR.	FIXTURE	FITTING OR VALVE	STRAINER	TRAP	SUPPLY PIPES	REMARKS
WCB* FLOOR MTD. WATER CLOSET ADA COMPLIANT	AMSTAN KOHLER ZURN CRANE GERBER SLOAN TOTO MANSFIELD W. POTTERY	3043.102 K-4368 Z-5665 3H701 25-730 ST2023-1.6 CTL705EL 1319NS B472	6047.161 ---- Z6000 REGAL 111 DELANY F402 DELTA 81T201			1 1/2" TOP SPUD	ELONGATED BOWL,SIPHON JET, CHURCH 9500-C, BEMIS 1655C, ZURN Z5956SS, AMSTD 5901.100 WHITE SOLID PLASTIC OPEN FRONT SEAT, 18"BOWL HEIGHT, 1.6 GAL FLUSH, FLOOR OUTLET
LB* WALL MTD. LAVATORY ADA COMPLIANT	AMSTAN CRANE KOHLER ZURN GERBER TOTO MANSFIELD DELTA CHICAGO SLOAN SPEAKMAN	0355.012 1412 K-2032 Z-5344 12-654 LT307.4 2018HBNS ---- ---- SS-3003 ----	5500.170 ------ K-7404-K Z-81104 21C142 802A317 SL-0890 SC-3074	7723.018 LKAD174 K-7131 WATTS 628	8872C(M) 804-1180 K-8998 WATTS 519	2165 LK(M) 802-0325 K-7607 **AMSTAN** 605XTMV-1070.007 **LEONARD** 170-LF **LAWLER** 570	20"x18"VITREOUS CHINA, CENTERSET FAUCET, 4"BLADE HANDLES,AERATOR,2.5GPM FLOW RESTRICTOR CONCEALED ARM CHAIR CARRIER, MOUNT 34"AFF TO RIM OR AS INDICATED ON ARCH. DWGS. PROVIDE ASSE 1070 CERTIFIED POINT OF USE ANTI-SCALD MIXING VALVE.
DBC WALL MTD. **FROST RESISTANT** FOUNTAIN ADA COMPLIANT	HAL TAYLOR ELKAY	HVR8-S FR VRCFR8S	PUSH CONTROL	GRID	8872 (M) 804-1180 K-9000	STOP IN CABINET	ALL STAINLESS STEEL CABINET MOUNTING BRACKET AND WALL PLATE, **FROST RESISTANT HEAT ELEMENT**, BARRIER-FREE DESIGN. MOUNT RIM AS INDICATED ON ARCH. DWGS.
FD FLOOR DRAIN WITH PROSET TRAP GUARD	WADE SMITH ZURN JOSAM WATTS	W-1100-1 2010-A Z-415 30000-E FD-100-A	PROVIDE TRAP GUARDS AT ALL PUBLIC RESTROOMS, PLENUMS, OR OTHER LOCATIONS INDICATED ON DRAWINGS.	SATIN NICKEL BRONZE **PROVIDE ROUND OR SQUARE TYPE AS DIRECTED BY ARCHITECT**	CAST IRON DEEP SEAL P-TRAP	SEE PLAN FOR SIZE OF CONNECTION	CAST IRON BODY,FLANGE, CLAMPING COLLAR,SEEPAGE OPENINGS,SATIN NICKEL BRONZE STRAINER TOP. PROVIDE STRAINER AT LEAST 2 PIPE SIZES LARGER THAN THE CONNECTION SIZE.
FS FLOOR SINK WITH TRAP GUARD	WADE ZURN JOSAM WATTS MIFAB	W-9140-1-16 ZN-1901-KC 49340A-NB FS-740-F-1-175-C 1740-FL		ALUMINUM OR CAST IRON DOME	CAST IRON DEEP SEAL P-TRAP W/ TRAP GUARD		CAST IRON SQUARE FLOOR SINK WITH A.R.E. INTERIOR, 9"DEEP BOWL, SEEPAGE FLANGE, SATIN NICKEL TOP, PROVIDE 3/4 TOP WHEN USED FOR OPEN SIGHT.
SC FREEZE PROOF SILLCOCK WITH VACUUM BREAKER	ZURN WOODFORD JOSAM WATTS MIFAB	Z-1330XL B-65-C 71000 HY-725 MHY26				3/4" SIZE	NON-FREEZE TYPE WITH BRASS CASING. PROVIDE HANDLES FOR EACH SILLCOCK. NOTE WALL THICKNESS IN EACH CASE. WHERE WALL THICKNESS WILL NOT PERMIT USE OF CASING TYPE, USE ZURN Z-1345, OR WOODFORD B-74-C OR APPROVED EQUAL.

PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	SOIL OR WASTE LINE BELOW FLOOR OR GRADE
	EXISTING SOIL OR WASTE LINE BELOW FLOOR OR GRADE TO REMAIN
	EXISTING SOIL OR WASTE LINE BELOW FLOOR OR GRADE TO BE REMOVED
	EXISTING SEWER VENT PIPING TO REMAIN
	NEW SEWER VENT PIPING
	EXISTING COLD WATER PIPING TO REMAIN
	COLD WATER
	EXISTING HOT WATER PIPING TO REMAIN
	HOT WATER
	SOIL OR WASTE LINE ABOVE FLOOR
	SOIL OR WASTE LINE ABOVE FLOOR
FD FD	FLOOR DRAIN
CO	EXISTING CLEANOUT (EXTERIOR)
SOV	SHUT OFF VALVE
HB SC	HOSE BIBB, SILL COCK
	GATE VALVE WITH VALVE BOX (EXTERIOR)
CO CO	CLEANOUT (EXTERIOR)
CO CO	TWO WAY CLEANOUT (EXTERIOR)
1	PLUMBING NOTE REFERENCE
A / M1	DETAIL DESIGNATION SHEET WHERE DETAIL IS LOCATED



PLUMBING RISER DIAGRAMS NO SCALE

NOTE: PROVIDE WATER HAMMER ARRESTORS AS SPECIFIED

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

REVISIONS

revision	description	date
	-	-
	-	-

STATE OF LOUISIANA
JOHN C. WILSON
REG. No. 19008
REGISTERED PROFESSIONAL ENGINEER
IN MECHANICAL ENGINEERING
11-5-2025

AILLET, FENNER, JOLLY, & McCLELLAND INC.
CONSULTING ENGINEERS
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7452 fax: 318-425-4622
www.AFJMc.com

ENGINEER: KEVIN L. WILSON
LICENSE NO.

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. 25-199

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Tioga Elementary School
Addition to Gymnasium
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Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

project no. **2023.11.3.3**
drawn **MAD**
checked **JCW**
project date **NOV 2025**

sheet contents
PLUMBING SCHEDULES AND DETAILS

drawing no. **P0.0**

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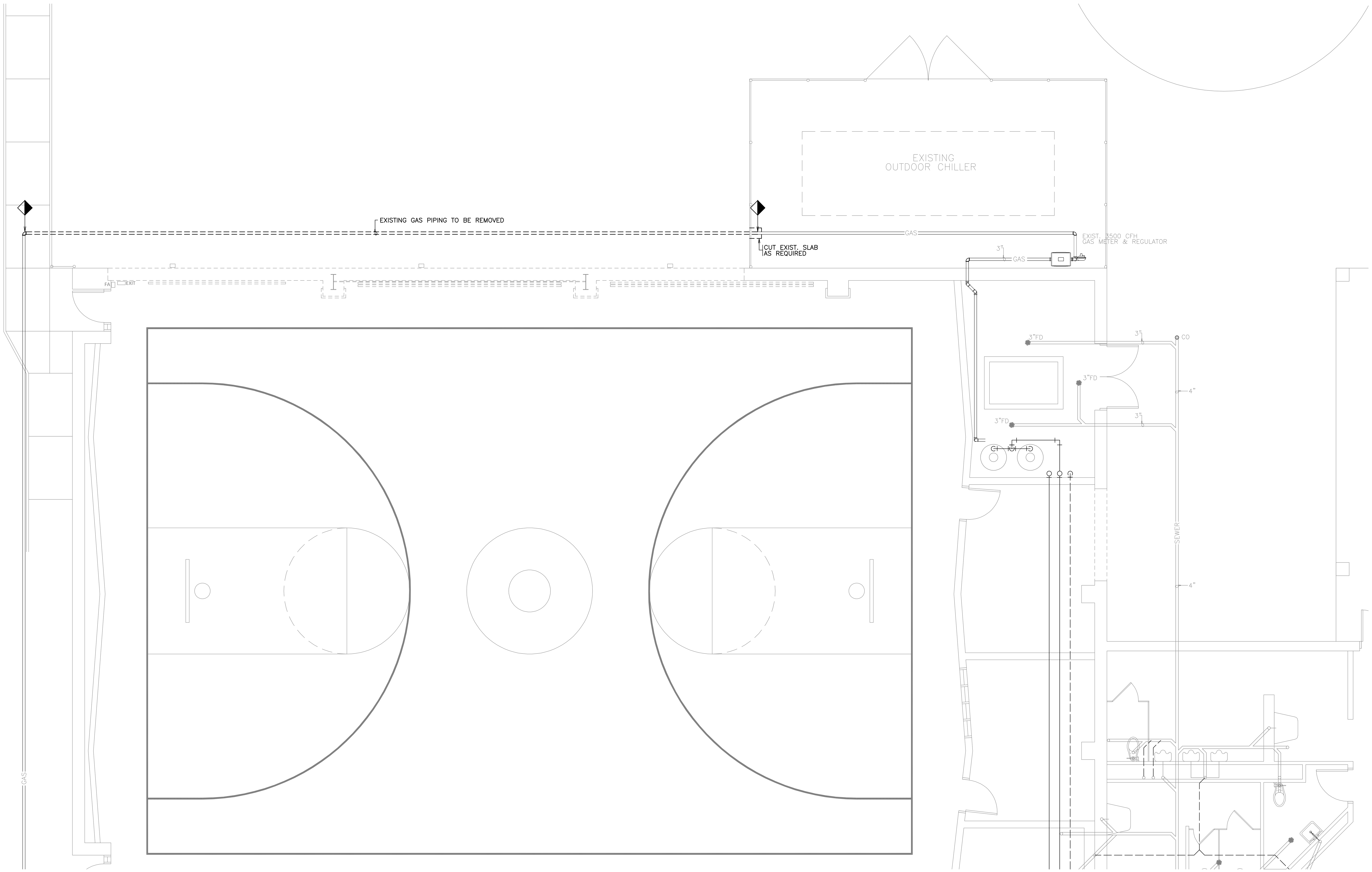
DATE DRAWING LAST SAVED: 10/08/25 TIME:11:27:29



DEMOLITION FLOOR PLAN 1/4"=1'-0"
PLUMBING

N

12" 0" 5' 10'
SCALE: 1/4 INCH = 1 FOOT

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	-	-
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SHREVEPORT, LOUISIANA 71105
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www.AFJMc.com
AILLET, FENNER, JOLLY, & McCLELLAND INC. EST. 1960

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sheet contents
DEMOLITION FLOOR PLAN - PLUMBING

drawing no. **P1.0**

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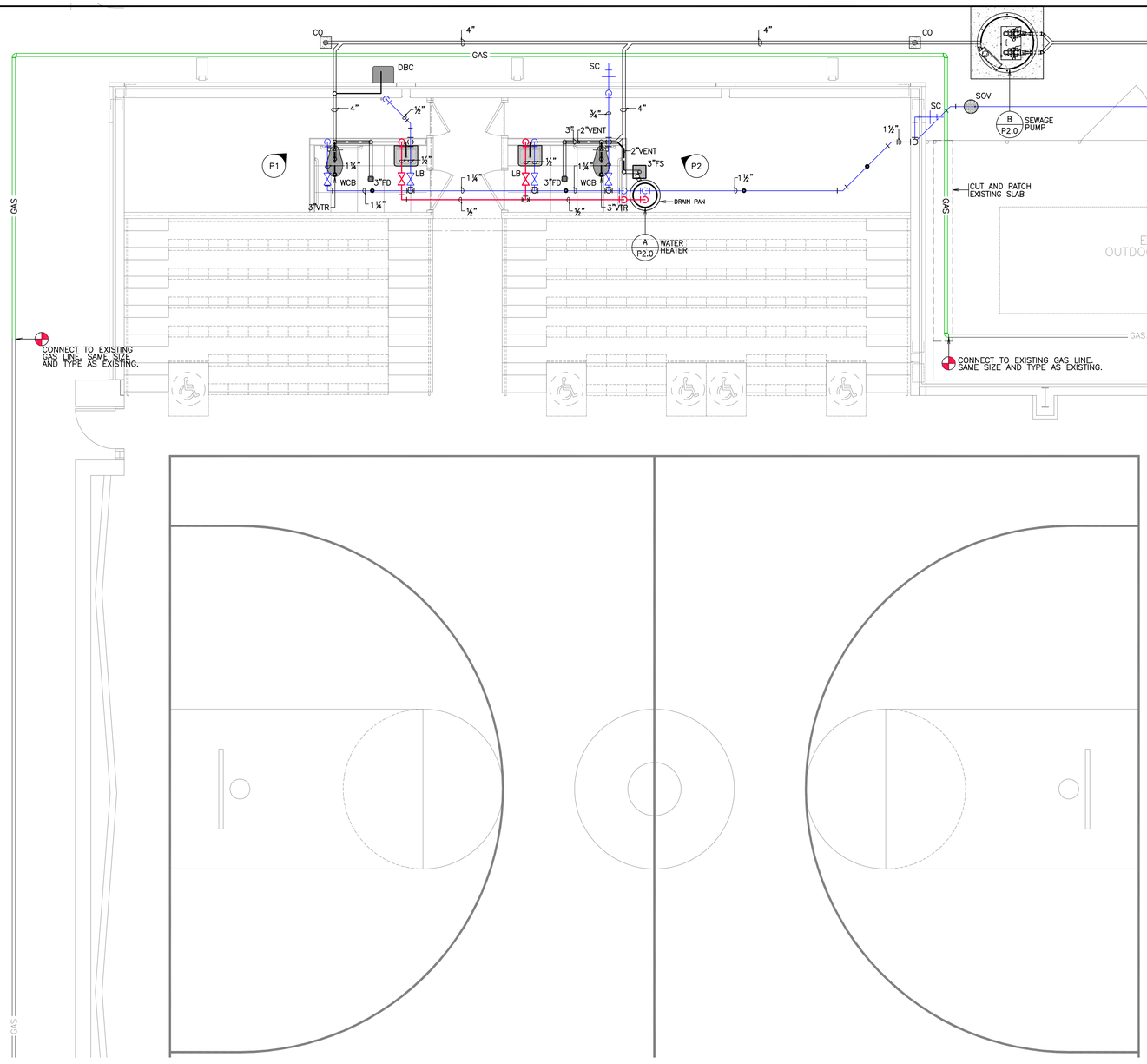
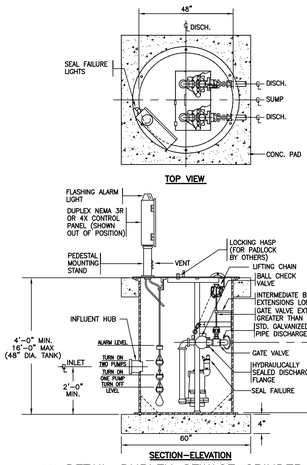


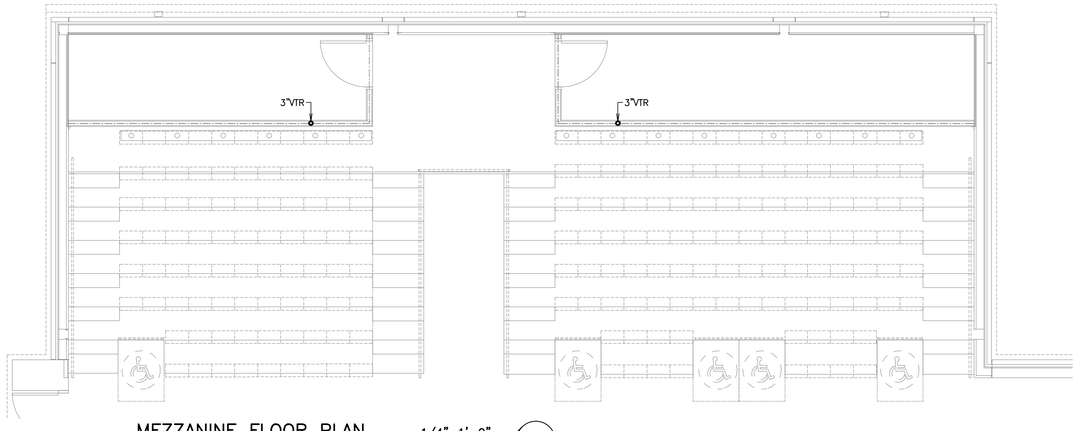


B DETAIL–DUPLEX SEWAGE GRINDER PUMP NO SCALE

SEWAGE GRINDER PUMP: (2) BARNES SERIES SGVF SUBMERSIBLE TYPE, GRINDER PUMP 50 GPM @ 40 FEET HEAD, 2 HP, 208V–1Ø, 3450 RPM, 1.5" PUMP DISCHARGE, COMPLETE WITH MICRO SWITCHES OR MERCURY FLOAT SWITCHES, HIGH WATER ALARM WITH BELL AND SWITCH REMOTELY MOUNTED ON NEMA 3R DUPLEX SWITCH, ELECTRIC ALTERNATOR, RUNNING LIGHTS AND HANDS–OFF–AUTO HANDLES. PROVIDE 48" DIA. FIBERGLASS SUMP THREE FEET DEEPER THAN LOWEST INLET WITH FACTORY MOUNTED NEMA 4 JUNCTION BOX, STEEL COVER WITH GAS TIGHT SEAL AND CONCRETE PAD. PUMPS TO HAVE DOUBLE MECHANICAL SEALS.

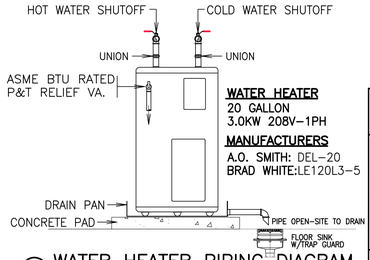
FLOOR PLAN PLUMBING 1/4"=1'–0"

N



MEZZANINE FLOOR PLAN PLUMBING 1/4"=1'–0"

N



WATER HEATER
20 GALLON
3.0KW 208V–1PH

MANUFACTURERS
A.O. SMITH: DEL–20
BRAD WHITE:LE120L3–5

A WATER HEATER PIPING DIAGRAM NO SCALE

NOTE: PROVIDE VACUUM RELIEF VALVE TESTED AND RATED PER ANSI 221.22.

12" 0" 5' 10'
SCALE: 1/4 INCH = 1 FOOT

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revision	description	date
	-	-
	-	-

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JOHN C. WILSON
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MECHANICAL ENGINEERING
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CONSULTING ENGINEERS
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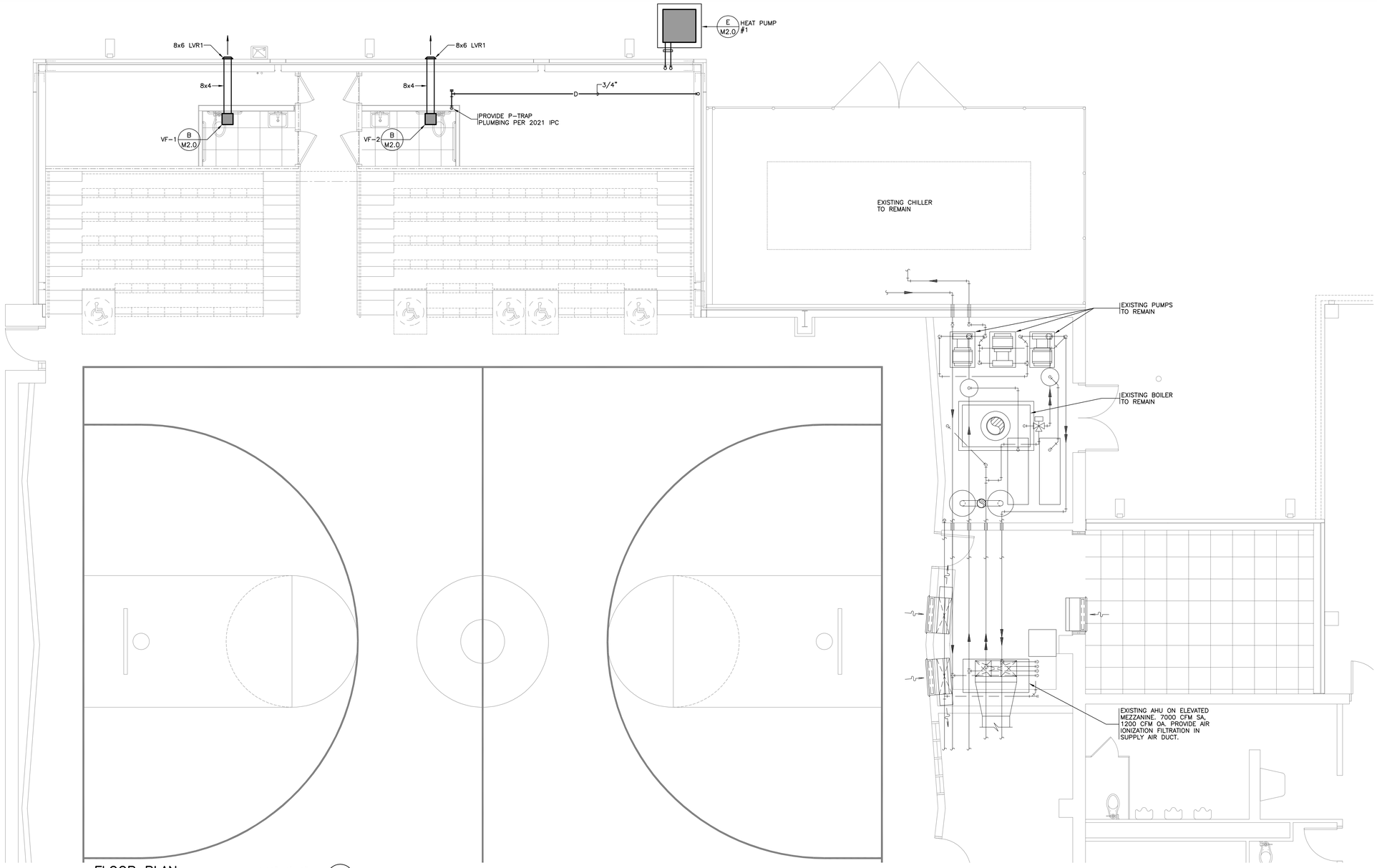
project no. 2023.11.3.3
drawn KLW
checked JCW
project date NOV 2025

sheet contents
FLOOR PLAN & MEZZANINE PLAN - PLUMBING

drawing no. **P2.0**

DATE DRAWING LAST SAVED: 10/22/25 TIME:11:15:21
DATE DRAWING LAST PLOTTED: 11/05/25 TIME:13:35:29



FLOOR PLAN HVAC 1/4"=1'-0"

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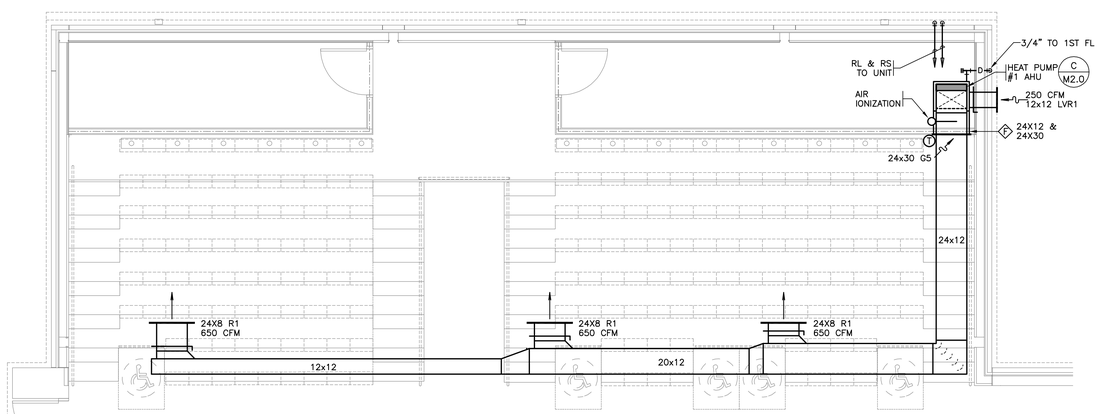

MEZZANINE FLOOR PLAN HVAC 1/4"=1'-0"

N

12" 0" 5' 10'

SCALE: 1/4 INCH = 1 FOOT

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sheet contents
FLOOR PLAN & MEZZANINE PLAN - HVAC

project no.	2023.11.3.3
drawn	MAD
checked	JCW
project date	NOV 2025
drawing no.	M1.0

DATE DRAWING LAST SAVED: 10/28/25 TIME:09:19:28
DATE DRAWING LAST PLOTTED: 11/05/25 TIME:13:38:32

DUCTWORK ACCESSORY SCHEDULE

MARK	TYPE	MANUF	MODEL NO	FINISH	REMARKS
AD	DUCT ACCESS DOOR	"DUCTMATE IND." "GREENHECK" "NAILOR" "NCA MANUFACTURING" "RUSKIN"	FDH HAD 08SH AHD ADH22	MILL	CONSTRUCTED OF SAME OR GREATER GAGE AS THE DUCTWORK SERVED. PROVIDE DOUBLE WALL INSULATED DOORS FOR INSULATED DUCTS. MINIMUM 1" INSULATION (K-VALUE 0.26 AT 75 DEGREE F MEAN TEMP. PROVIDE FLUSH FRAMES FOR UNINSULATED DUCT AND EXTENDED FRAMES FOR EXTERIOR INSULATED DUCTS. PIANO-HINGE ON ONE SIDE WITH HAND OPERATED CAM-LATCHES OPPOSITE HINGE **(SCREWDRIVER OPERATED LATCHES NOT PERMITTED.)** SINGLE LATCH FOR DOORS 12" HIGH AND SMALLER, MINIMUM TWO LATCHES FOR LARGER DOORS.
DFD OR FD	DYNAMIC FIRE DAMPER	"AIR BALANCE, INC." "GREENHECK" "NCA MANUFACTURING" "NAILOR" "RUSKIN" "POTTORFF"	D19B DFD DFD D0100 DIBD2 VFD	MILL	**UL 555 LISTED AND LABELED** DYNAMIC FIRE DAMPER, GALVANIZED STEEL FRAME AND CURTAIN TYPE BLADES, OUT OF AIRSTREAM. REPLACEABLE FUSIBLE LINK(S) RATED 160 TO 165 DEGREES F. PROVIDE STEEL SLEEVE AND DUCT ACCESS DOOR. **LABEL ACCESS DOOR "FIRE DAMPER" MINIMUM 1" HIGH RED LETTERING.**
OBD	OPPOSED BLADE BALANCING DAMPER	"GREENHECK" "NAILOR" "NCA MANUFACTURING" "POTTORF" "RUSKIN"	MBD-15 1820 MBD-57 MD42 MD35	MILL	MIN. 20 GA GALVANIZED STEEL FRAME AND ROLL FORMED BLADES. MULTI-BLADE DAMPERS WITH INTERLOCKING CORRUGATED EDGES AND LINKAGE CONCEALED INSIDE FRAME. PROVIDE LOCKING QUADRANT, SYNTHETIC BEARINGS AND 2" STANDOFF BRACKET.
CD OR MD	CONTROL DAMPER / MOTORIZED DAMPER	"GREENHECK" "NAILOR" "NCA MANUFACTURING" "POTTORF" "RUSKIN"	VCD-23 1010/1020 SCD-57 CD-41/CD-42 CD356	MILL	MIN. 16 GA GALVANIZED STEEL FRAME AND VEE GROOVE FORMED BLADES. MULTI-BLADE DAMPER WITH EDGE SEALS, JAMB SEALS AND PLATED STEEL LINKAGE CONCEALED INSIDE FRAME. PROVIDE 1/2" PLATED STEEL AXLE AND DRIVE SHAFT, SUPPORT BRACKET WITH BEARING. PROVIDE OILITE BRONZE OR STAINLESS STEEL BEARINGS.
STO	SIDE TAKE OFF	"FLEXMASTER USA" "DACE MFG" "M & M MANUFACTURING" "PEPPERTREE AIR SOL."	STO-D STOD-CO3 521DELV382 HETOD3	MILL	MINIMUM 26 GA, G90 GALVANIZED STEEL HIGH EFFICIENCY TAKE OFF WITH DAMPER, PERIMETER GASKET AND MOUNTING HOLES. PROVIDE STAND OFF BRACKET AND SYNTHETIC BUSHINGS.

INSTALL ALL DUCTWORK ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, SMACNA STANDARDS AND UL LISTING (IF APPLICABLE).

LOUVER SCHEDULE

MARK	FUNCTION	FACE SIZE	BORDER TYPE	THROW PATTERN	DAMPER	COLOR/ FINISH	MANUF	MODEL NO	REMARKS
LVR1	EXHAUST / OUTSIDE AIR	REF DWGS	REF DWGS	N / A	REF DWGS	CUSTOM SELECTED BY THE ARCH.	GREENHECK NAILOR RUSKIN POTTORFF	ESD635 1606D ELF6375DH EFD637	EXTRUDED ALUMINUM, WELDED CONSTRUCTION WALL LOUVER, STATIONARY DRAINABLE BLADES WITH BIRDSCREEN AND KYNAR FINISH.

AIR DIFFUSER GRILLE AND REGISTER SCHEDULE

MARK	FUNCTION	FACE SIZE	BORDER TYPE	THROW PATTERN	DAMPER	FINISH	MANUF	MODEL NO	REMARKS
G5	RETURN	REF DWGS	REF DWGS	N / A	NO	CUSTOM SELECTED BY ARCH	"TITUS" "KRUEGER" "PRICE" "NAILOR"	350 FL S580-H 630-F-L 5145H	ALUMINUM, 3/4" BLADE SPACING, 35 DEG FIXED DEFLECTION, BLADES PARALLEL TO LONG DIMENSION
R1	SUPPLY	REF DWGS	REF DWGS	ADJ	YES	WHITE	"TITUS" "KRUEGER" "PRICE" "NAILOR"	300 FL 5880H 610D 51DH	ALUMINUM, 3/4" BLADE SPACING, SINGLE DEFLECTION, FIXED BLADES.

SPLIT SYSTEM HEAT PUMP AIR CONDITIONING EQUIPMENT SCHEDULE

UNIT NO	EVAPORATOR FAN							COOLING (95° AMB)				HTG. (17° AMB		AUX. HEATING		OUTDOOR UNIT			MIN. SEER	MIN HSPF	REMARKS
	CFM	EXT SP	HP	SPEED	AMPS	VOLTAGE	DRIVE	TOT MBH	SEN MBH	EADB	EAWB	TOT MBH	EADB	KW	VOLTAGE	MCA	MOCP	VOLTAGE			
HP-1	1950	.8"	1	HIGH	7.6	208V-1ø	DIRECT	57.0	42.9	80	67	36.0	65	1	-	25	30	208V-3ø	14.5	8.5	1,2

REMARKS:
1. PROVIDE SPLIT SYSTEM HEAT PUMP WITH TWO STAGE OR VARIABLE CAPACITY COMPRESSOR AND VARIABLE SPEED ECM INDOOR FAN MOTOR.
2. PROVIDE AIR PURIFICATION SYSTEM.

VENTILATION FAN SCHEDULE

MARK	SERVICE	CFM	SP	SONES (MAX)	MAX RPM	DRIVE	WATTS	VOLTAGE	APPROX. WT.	REMARKS
VF-1	TOILET ROOM	75	.3"	1.0	950	DIRECT	12	115V-1Ø	10	1,2
VF-2	TOILET ROOM	75	.3"	1.0	950	DIRECT	12	115V-1Ø	10	1,2

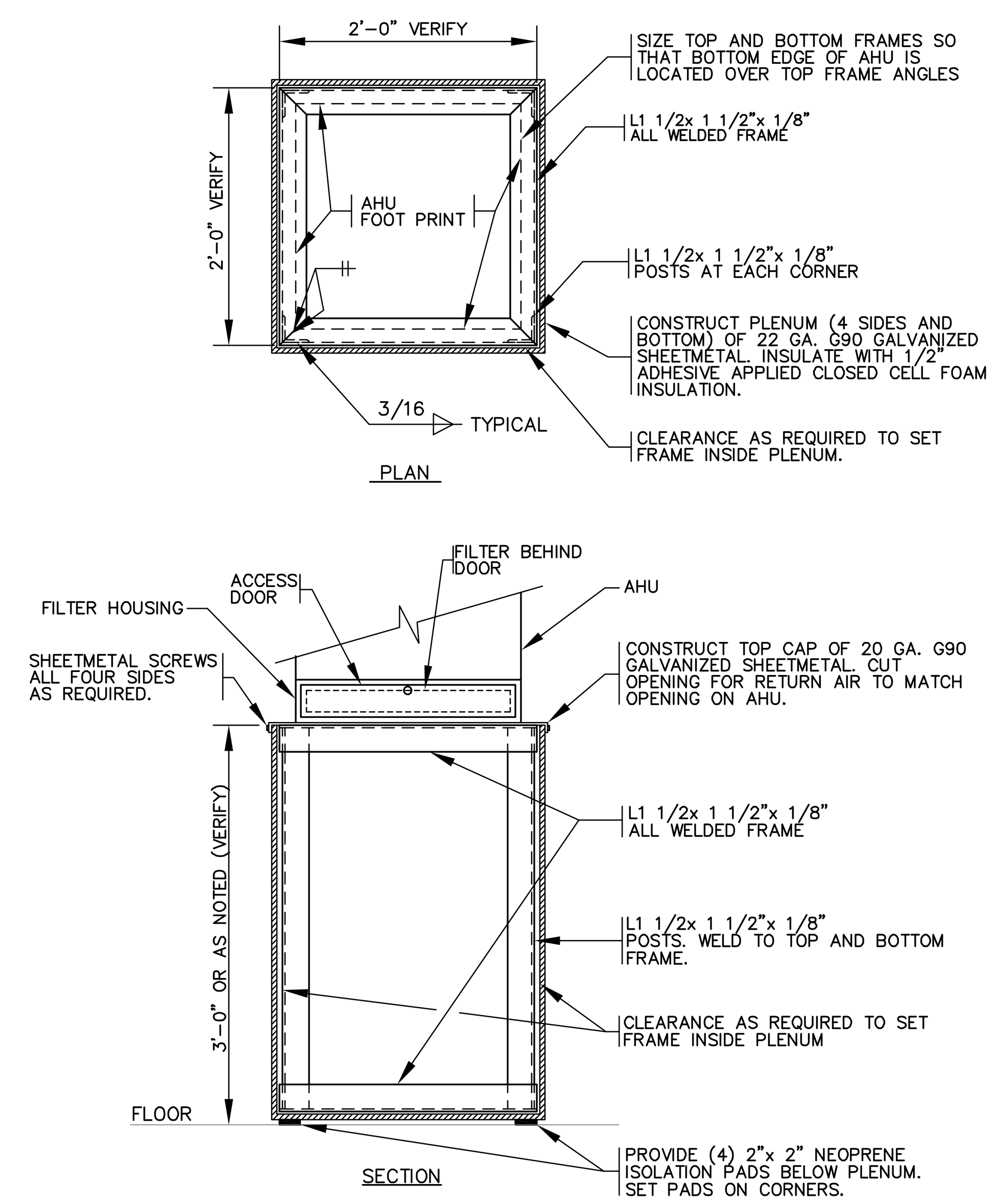
REMARKS:
1. CEILING CABINET FAN WITH ELECTRONICALLY COMMUTATED MOTOR, BACKDRAFT DAMPER AND GRILLE.
2. INTERLOCK FAN WITH LIGHTS.

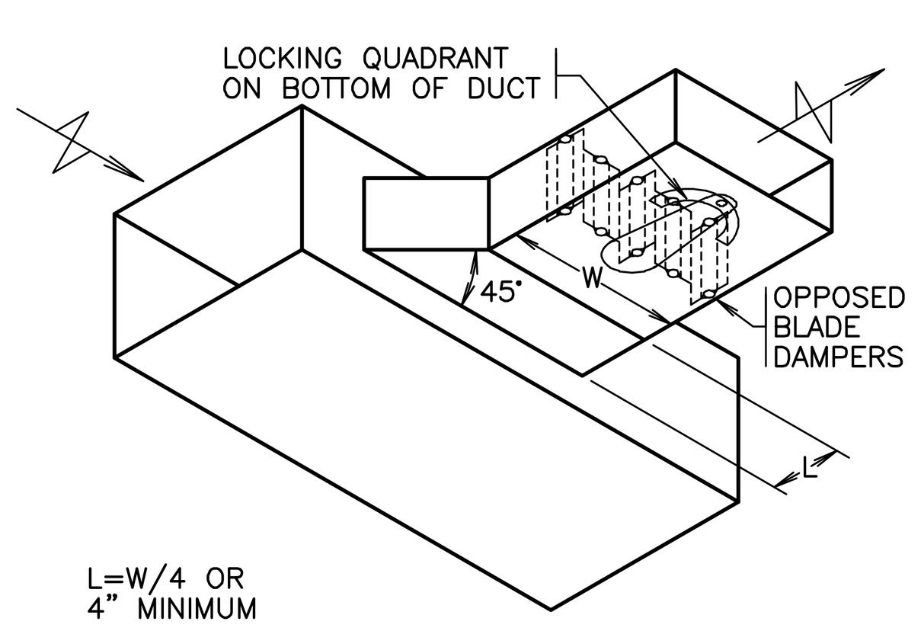
PIPING AND FITTING MATERIAL SCHEDULE

SERVICE	PIPE MATERIAL	JOINT TYPE	FITTING MATERIAL	REMARKS
REFRIGERANT PIPING	REFRIGERANT SERVICE (SEALED) COPPER TYPE 'L' HARD DRAWN ASTM B - 88	SIL-FOS, SILVER BRAZED	WROUGHT COPPER	INSULATE PER SPECIFICATIONS
CONDENSATE DRAIN PIPING ABOVE GROUND	SCHEDULE 40 PVC, ASTM D 1785, CS-207 (TYPE 1)	SOLVENT WELDED	SCHEDULE 40 PVC, ASTM D 1785, CS-207 (TYPE 1)	PROVIDE TEE WITH PLUG AT EACH CHANGE IN DIRECTION.

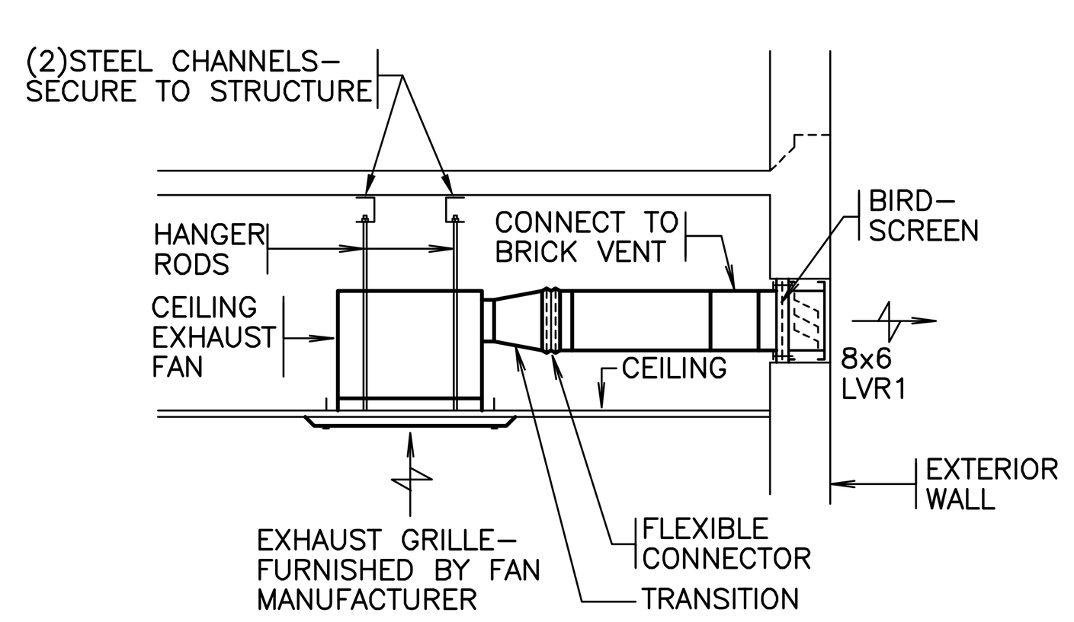
MECHANICAL SYMBOLS

SYMBOL	DESCRIPTION
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
—RV—	REFRIGERANT VAPOR LINE
— D —	CONDENSATE DRAIN LINE
(T)	ROOM THERMOSTAT
◇F	FIRE DAMPER
SA,RA,OA	SUPPLY AIR, RETURN AIR, OUTSIDE AIR
D1,R1,G1	AIR DIFFUSER, AIR REGISTER, AIR GRILLE (SEE SCHEDULE)
⊠	SUPPLY AIR DIFFUSER
◫	RETURN OR EXHAUST AIR
(M1)	MECHANICAL NOTE REFERENCE
◕	POINT OF CONNECTION
X / XX	DETAIL DESIGNATION SHEET WHERE DETAIL IS LOCATED





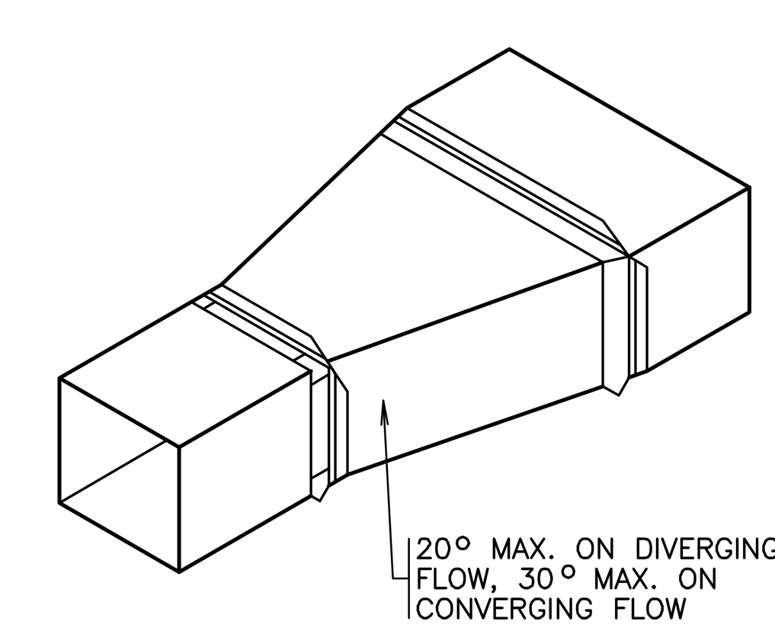
(A) DETAIL–TYPICAL BRANCH TAKE–OFF
NO SCALE



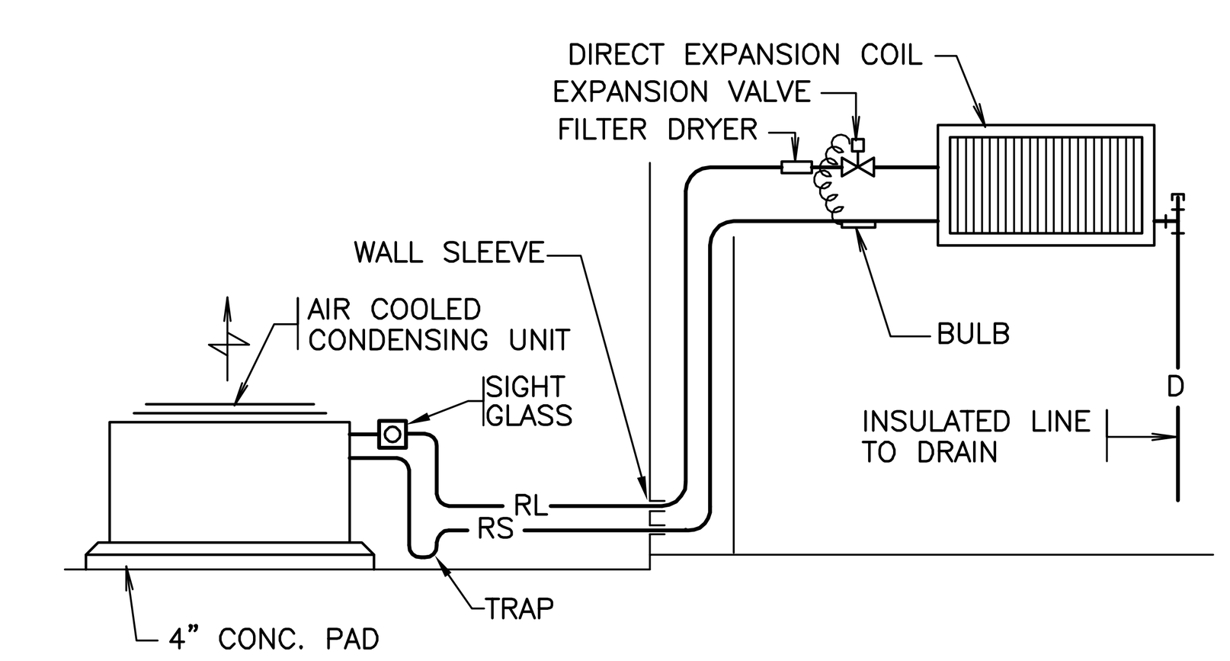
(B) DETAIL–EXHAUST FAN
NO SCALE

NOTES:
1. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
2. ALL WELDING ELECTRODES SHALL CONFORM TO E70XX.
3. FIELD VERIFY DIMENSIONS PRIOR TO MANUFACTURING FRAME OR PLENUM.
4. PLENUM INSULATION SHALL BE FLEXIBLE, ELASTOMERIC THERMAL SHEET OR ROLL INSULATION. INSULATION SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS (ASTM E84).
5. INSTALL INSULATION IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WITH ADHESIVES RECOMMENDED BY INSULATION MANUFACTURER.
6. PROVIDE INSULATED GALVANIZED STEEL FILTER RACK FOR EACH AHU.

(C) DETAIL–RETURN AIR PLENUM AND FRAME SINGLE UNIT
NO SCALE



(D) DETAIL–DUCT TAPER
NO SCALE



(E) REFRIGERANT PIPING DIAGRAM
NO SCALE

NOTE: THE METHOD AND SIZE OF REFRIGERANT PIPING SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S ENGINEERING AND INSTALLATION DATA. MAXIMUM P.D. 2°.

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

REVISIONS

revision	description	date
	-	-
	-	-

STATE OF LOUISIANA – JOHN C. WILSON – REG. No. 19008 – REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING – 11-5-2025

CONSULTING ENGINEERS
AILLET, FENNER, JOLLY, & McCLELLAND INC. EST. 1960
3003 KNIGHT STREET, SUITE 120
SHREVEPORT, LOUISIANA 71105
phone: 318-425-7452 fax: 318-425-4622
www.AFJMc.com
ENGINEER: JOHN WILSON P.E.
LICENSE NO. 19008

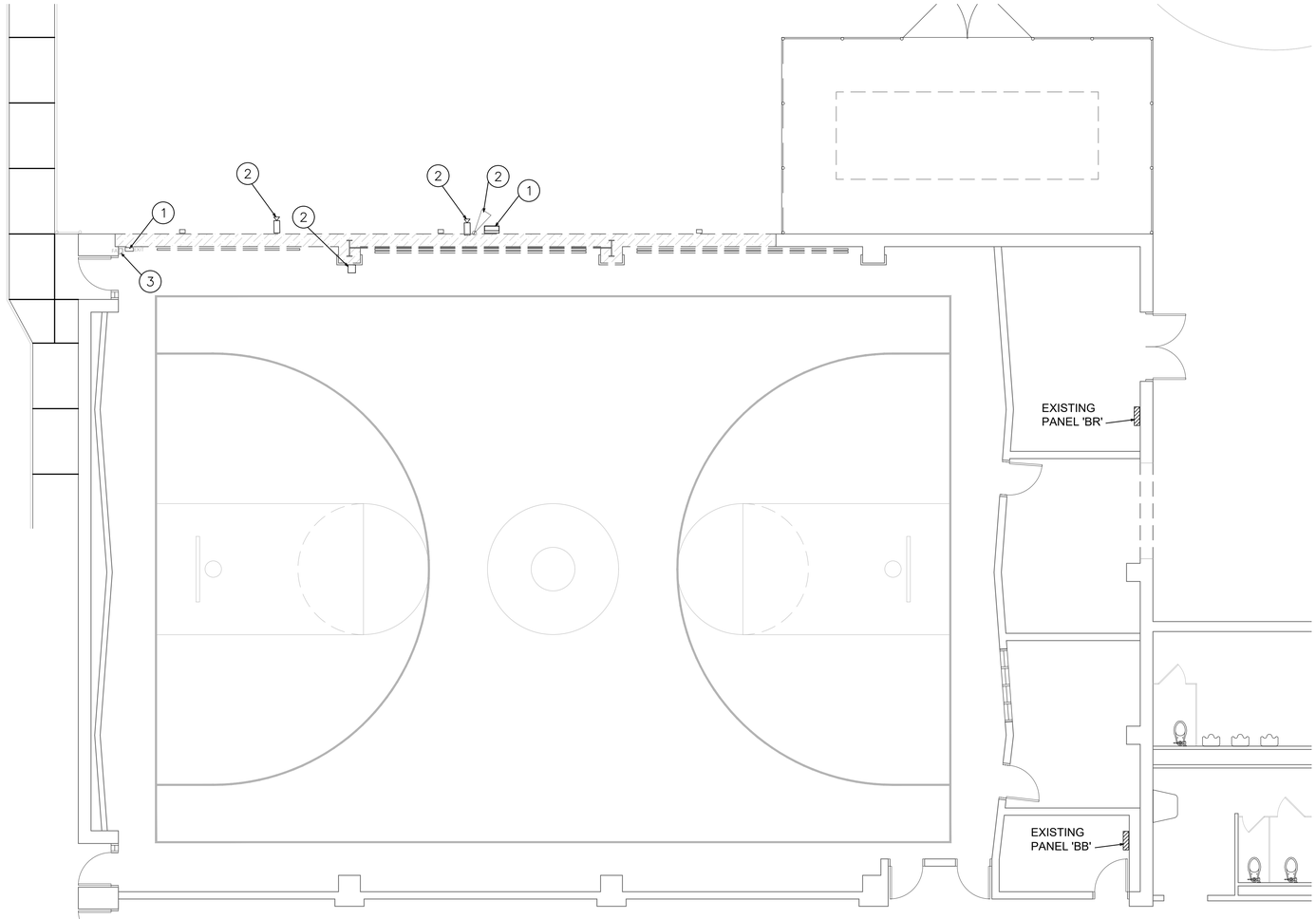
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. 25-199

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

project no. 2023.11.3.3
drawn MAD
checked JCW
project date NOV 2025

sheet contents
MECHANICAL SCHEDULES & DETAILS

drawing no. **M2.0**



N

1 EXISTNG GYM - ELECTRICAL DEMOLITION PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.
2. ALL EXISTING DEVICES SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.
3. PROTECT ALL EXISTING DEVICES, EQUIPMENT, ETC. FROM DAMAGE PENDING REINSTALLATION.
4. CONTRACTOR SHALL COORDINATE WITH ALL TRADES TO REMOVE CEILING MOUNTED ELECTRICAL DEVICES AS REQUIRED TO FACILITATE REMOVAL OF CEILING TO ALLOW FOR INSTALLATION OF NEW MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND OTHER SYSTEMS AS SHOWN ON PLANS.

ELECTRICAL DEMOLITION KEYNOTES:

1. RELOCATE EXISTING LIGHT FIXTURE TO NEW LOCATION AS AS INDICATED ON LIGHTING PLAN SHEET E-102. CLEAN FIXTURE AND REPLACE LENS AS NECESSARY. MAINTAIN CIRCUIT CONTINUITY.
2. RELOCATE EXISTING DEVICE TO NEW POSITION AS SHOWN ON POWER & SPECIAL SYSTEMS PLAN. MAINTAIN CIRCUIT CONTINUITY.
3. RELOCATE EXISTING FIRE ALARM PULL STATION TO NEW POSITION AS SHOWN ON POWER & SPECIAL SYSTEMS PLAN. MAINTAIN CIRCUIT CONTINUITY.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	LIGHTING FIXTURE – SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE – SEE FIXTURE SCHEDULE
	EXIT SIGN FIXTURE – SEE FIXTURE SCHEDULE
$	SINGLE POLE TOGGLE SWITCH
$3	THREE-WAY TOGGLE SWITCH
$D	SINGLE POLE DIMMER SWITCH
	DUPLEX CONVENIENCE OUTLET
	COUNTER TOP MOUNTING HEIGHT (CLEAR BACK SPLASH)
	DOUBLE-DUPLEX CONVENIENCE OUTLET
	SPECIAL PURPOSE OUTLET NEMA CONFIGURATION TO MATCH PLUG
	SURFACE MOUNTED DUPLEX CONVENIENCE OUTLET
J	JUNCTION BOX
	ELECTRICAL PANELBOARD
	DISCONNECT SWITCH
D	SMOKE DETECTOR (CEILING MOUNTED)
F	FIRE ALARM PULL STATION
	FIRE ALARM SPEAKER/STROBE UNIT
	FIRE ALARM STROBE UNIT
	FIRE ALARM DUCT DETECTOR
	FIRE ALARM SPEAKER/STROBE UNIT- CEILING MOUNTED
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
	HOMERUN TO ELECTRIC PANELBOARD
	CONDUIT RUN CONCEALED BELOW FLOOR OR IN SLAB
CT	COUNTER-TOP-HEIGHT MOUNTED
GFI	GROUND FAULT INTERRUPTER PROTECTED
WP	WEATHERPROOF
W	WALL MOUNTED DEVICE
IG	ISOLATED GROUND
*	TELE/DATA OUTLET
S	INTERCOM CEILING SPEAKER (CEILING MOUNTED)
	OCCUPANCY SENSOR SWITCH
$T	TIMER SWITCH
	CEILING MOUNTED VACANCY SENSOR
	PHOTOELECTRIC CONTROL
P	LIGHTING CONTROL DUAL CIRCUIT POWER PACK MTD. ABOVE CEILING
$m	MOTOR RATED SWITCH
	CAMERA
	INTERCOM TRUMPET
	SURFACE CORNER MOUNTED VACANCY SENSOR

* ROUGH-IN 4" SQUARE BACK BOX, SINGLE GANG RISER RING AND 1" CONDUIT TO ABOVE ACCESSIBLE CEILING.

PANEL BR2

VOLTAGE ☐ 480/277V, 3ø, 4W, WYE ■ 208/120V, 3ø, 4W, WYE ☐ 240/120V, 3ø, 4W, DELTA W/ 3ø "STINGER"

100 AMP ■ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ☐ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ☐ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED ■ TOP ☐ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 22,000 ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	20	12	12	1/2"	LIGHTING	--		--	RECEPTACLES	1/2"	12	12	20	2
3	20	12	12	1/2"	RECEPTACLES	--		--	RECEPTACLES	1/2"	12	12	20	4
5	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	6
7	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	8
9	20	12	12	1/2"	WH	--		--	HP (Indoor)	1/2"	12	12	20	10
11														12
13	30	10	10	3/4"	SEWER PANEL	--		A	HP-1 (Outdoor)	3/4"	10	8	40	14
15														16
17	20	---	--	--	SPARE	--								18
19	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	20
21	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	22
23	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	24
25	20	---	--	--	SPARE	--		--	SPARE	--	--	---	20	26
27	--	---	--	--	SPACE	--		--	SPACE	--	--	---	--	28
29	--	---	--	--	SPACE	--		--	SPACE	--	--	---	--	30
31	--	---	--	--	SPACE	--		--	SPACE	--	--	---	--	32
33	--	---	--	--	SPACE	--		--	SPACE	--	--	---	--	34
35	--	---	--	--	SPACE	--		--	SPACE	--	--	---	--	36
37	--	---	--	--	SPACE	--		--	SPD Type 'C'	1"	#10	#6	60	38
39	--	---	--	--	SPACE	--								40
41	--	---	--	--	SPACE	--								42

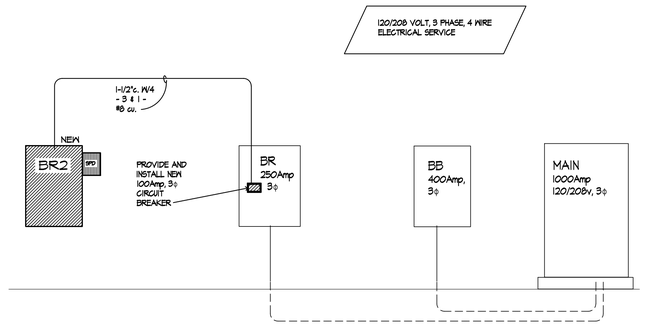
NOTES:

A. ALL CONDENSING UNIT BREAKERS SHALL BE TYPE "HACR"

TOTAL LOAD = 23.80 KVA
TOTAL AMPS = 66.13 AMPS

LOAD BREAKDOWN

LIGHTING	.77 KVA
RECEPTACLE	9.34 KVA
HEATING (ELECTRIC HEAT)	1.89 KVA
COOLING	9.00 KVA
WATER HEATER	3.00 KVA
MISCELLANEOUS LOAD	5.86 KVA
TOTAL	23.80 KVA



PARTIAL ELECTRICAL RISER DIAGRAM
NO SCALE

STATE OF LOUISIANA
DAVID B. STELLY
License No. 28070
11/05/2025
PROFESSIONAL ENGINEER

ADG ENGINEERING

ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 25296

ASHE | BROUSSARD | WEINZETTE ARCHITECTS

DOUGLAS E. ASHE No. 2162 STATE OF LOUISIANA REGISTERED ARCHITECT
10.30.25

REVISIONS

revision	description	date
	-	-
	-	-

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
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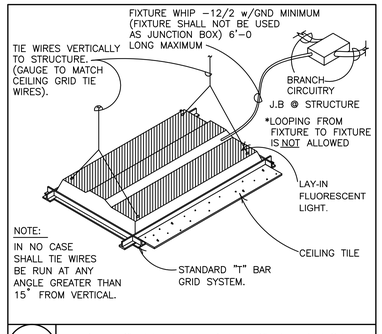
project no. 2023.11.3.3
drawn PMB
checked PM
project date SEPT 2025

Electrical Demo. Plan, Panel Schedule & Partial Riser Diagram

drawing no. E-100



1 TYP. LIGHT FIXTURE INSTALLATION
NO SCALE

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	LUMENS	VOLTS	MOUNTING	MANUFACTURER	CATALOG NUMBER	WATTAGE
B	2x4 FLAT PANEL	4818LM	MVOLTS	RECESSD	LITHONIA	CPX 2X4 4000ML 80CRI 35K SWL MIN10 ZT MVOLT	36.7
BE	2x4 FLAT PANEL w/BATTERY PACK	4818LM	MVOLTS	RECSSED	LITHONIA	CPX 2X4 4000ML 80CRI 35K SWL MIN10 ZT MVOLT E10WLCP	36.7
BS	2x4 FLAT PANEL	4818LM	MVOLTS	SURFACE	LITHONIA	CPX 2X4 4000ML 80CRI 35K SWL MIN10 ZT MVOLT w/2X4SMKSH	36.7
BSE	2x4 FLAT PANEL w/BATTERY PACK	4818LM	MVOLTS	SURFACE	LITHONIA	CPX 2X4 4000ML 80CRI 35K SWL MIN10 ZT MVOLT E10WLCP w/2X4SMKSH	36.7
EX	EXTERIOR WALL PACK	EXISTING	EXIST.	SURFACE	EXISTING	EXISTING	--
S	4' LED LINEAR	3104LM	MVOLTS	SURFACE	LITHONIA	CLX L48 3000LM SEF RDL MVOLT 35K GZ10 80CRI	20.32
SE	4' LED LINEAR w/BATTERY PACK	3104LM	MVOLTS	SURFACE	LITHONIA	CLX L48 3000LM SEF RDL MVOLT 35K GZ10 80CRI E10WCP	20.32
ZE	EXTERIOR WALL SCONCE w/BATTERY PACK	1500LM	MVOLT	SURFACE	LITHONIA	ARC1 LED P1 40K E4WH	11
X2	DOUBLE FACE EXIT SIGN LIGHT	L.E.D	120/277	UNIVERSAL	LITHONIA	LQC 2 R EL N	--

GENERAL NOTES:

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. EXTEND UN-SWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY LIGHTING UNITS AND EMERGENCY BATTERY PACK. REFER TO SPECIFICATIONS.

C. VERIFY EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES w/ARCHITECT/OWNER PRIOR TO ROUGH-IN.

D. VERIFY MOUNTING HEIGHT OF ALL FIXTURES WITH ARCHITECT/OWNER PRIOR TO PURCHASING FIXTURES AND/OR ROUGH-IN.(TYPICAL)

E. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.

F. SHOULD IT BE NECESSARY TO RUN ANY ELECTRICAL SERVICES, CONDUITS, ETC. THROUGH THE BUILDING'S FOOTINGS, CONTRACTOR SHALL REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL RE-INFORCEMENT REQUIREMENTS. WHERE ELECTRICAL SERVICES ARE RUN PARALLEL TO THE FOOTINGS. ALSO REFER TO STRUCTURAL DRAWINGS FOR THE MINIMUM CLEAR DISTANCE TO MAINTAIN BETWEEN THE FOOTING AND THE CONDUIT.

G. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

H. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.

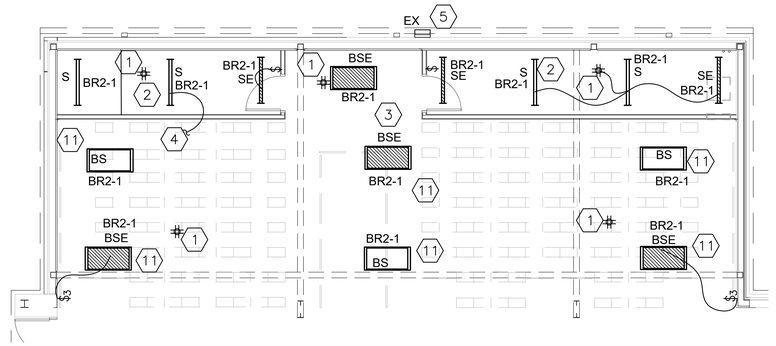
I. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

J. REFER TO ELECTRICAL DIVISION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

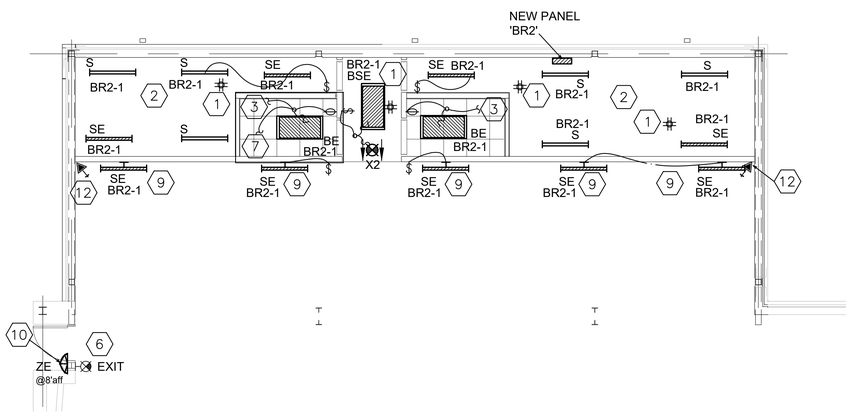
K. AS A MINIMUM ALL LIGHTING SHALL COMPLY WITH THE 2021 EDITION OF IECC.

LIGHTING NOTES:

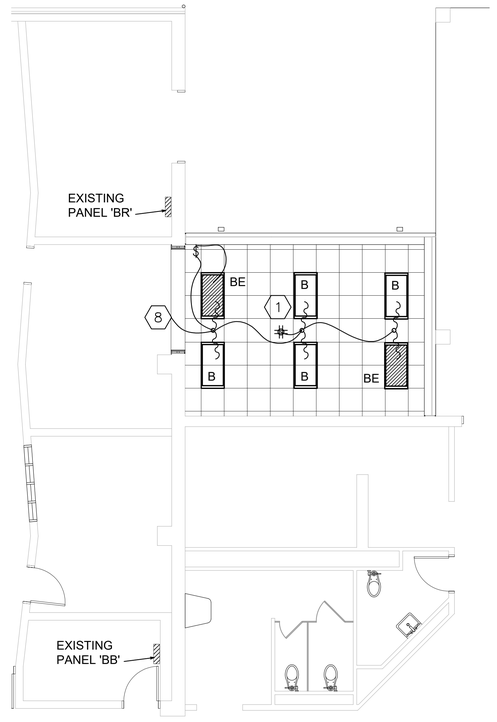
1. EXTEND CIRCUIT THRU MOTION SENSOR/CONTACTOR TO AUTOMATICALLY TURN LIGHTS OFF A MAXIMUM OF 20 MINUTES AFTER ALL OCCUPANTS LEAVE SPACE. MANUAL SWITCH AND/OR OCCUPANCY SENSOR, TO TURN LIGHTS "ON", TO NOT MORE THAN 50% POWER. SWITCH MAY THEN BE USED TO TURN LIGHT UP TO 100% POWER. (TYPICAL)
2. COORDINATE EXACT LOCATION & MOUNTING OF FIXTURE TYPE 'S' WITH MECHANICAL EQUIPMENT & DUCTWORK PRIOR TO ROUGH-IN.
3. EXTEND AND CONNECT TO VF FAN IN THIS ROOM. ENSURED PROPER OPERATION. ENSURE CIRCUIT AVAILABILITY PRIOR TO ROUGH-IN.
4. EXTEND DOWN TO LIGHTING CIRCUIT ON LEVEL BELOW.
5. EXTEND AND CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT IN THIS AREA. ENSURED PROPER OPERATION. VERIFY EXACT HEIGHT w/ARCHITECT/OWNER PRIOR TO ROUGH-IN.
6. EXISTING RELOCATED WALL MOUNT EXIT SIGN. EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/ARCHITECT/OWNER PRIOR TO ROUGH-IN.
7. EXTEND UP TO LIGHTING CIRCUIT ON UPPER LEVEL.
8. EXTEND AND CONNECT TO EXISTING CIRCUIT IN THIS AREA. ENSURED PROPER OPERATION. ENSURE CIRCUIT AVAILABILITY PRIOR TO ROUGH-IN.
9. ALL FIXTURES DENOTED BY KEYNOTE SHALL BE MOUNTED ON WALL BELOW BLEACHERS. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH IN.
10. EXTEND AND CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT IN THIS AREA. ENSURED PROPER OPERATION. VERIFY EXACT HEIGHT w/ARCHITECT/OWNER PRIOR TO ROUGH-IN.
11. COORDINATE EXACT LOCATION & MOUNTING OF FIXTURES TYPE 'BS' & 'BSE' WITH BEAMS/TRUSS, MECHANICAL EQUIPMENT & DUCTWORK PRIOR TO ROUGH-IN.
12. EXTEND CIRCUIT THRU MOTION SENSOR/CONTACTOR TO AUTOMATICALLY TURN LIGHTS OFF A MAXIMUM OF 20 MINUTES AFTER ALL OCCUPANTS LEAVE SPACE. MANUAL SWITCH AND/OR OCCUPANCY SENSOR, TO TURN LIGHTS "ON", TO NOT MORE THAN 50% POWER. SWITCH MAY THEN BE USED TO TURN LIGHT UP TO 100% POWER. (TYPICAL)



N 2 EXISTNG GYM - NEW BLEACHERS - LIGHTING PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



N 1 EXISTNG GYM - NEW BLEACHERS GROUND LEVEL - BELOW BLEACHERS LIGHTING PLAN
SCALE: 3/16" = 1'-0" REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



N 3 EXISTNG GYM - NEW STORAGE AREA LIGHTING PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS

STATE OF LOUISIANA
DAVID B. STEELY
License No. 26070
11/05/2025
PROFESSIONAL ENGINEER

ADG ENGINEERING
ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org
Project No. 25296

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

DOUGLAS E. ASHE No. 2162 STATE OF LOUISIANA REGISTERED ARCHITECT
10.30.25

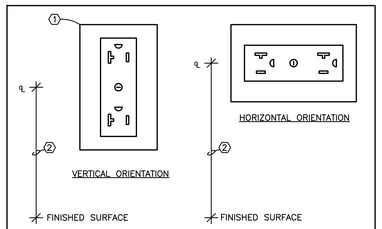
REVISIONS

revision	description	date
	-	-
	-	-

District 11 Bond Projects
Tioga Elementary School
Addition to Gymnasium
Tioga Elementary School
4310 Pardue Road
Ball, Louisiana 71405
Rapides Parish School Board Bid No. 11-25-07

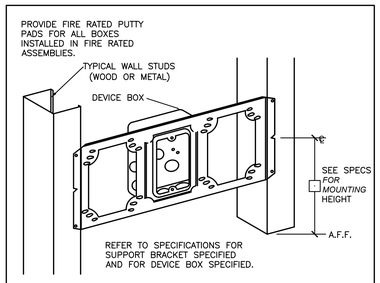
project no. 2023.11.3.3
drawn PMB
checked PM
project date SEPT 2025
drawing no. E-101

Electrical Lighting Plans, Fixture Schedule & Detail



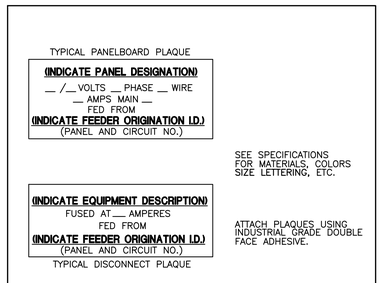
KEYNOTES:
1. REFER TO SPECIFICATIONS FOR RECEPTACLE REQUIREMENTS.
2. MOUNTING HEIGHT IS DENOTED ON LEGEND

1 TYPICAL RECEPTACLE INSTALLATION REQUIREMENTS
NO SCALE



*NOTE: DEVICES FOR ADJACENT ROOMS SHOULD NOT BE INSTALLED IN THE SAME STUD SPACE.

2 BOX MOUNTING BRACKET DETAIL
NO SCALE



3 ELECTRICAL EQUIP. SIGNAGE DETAIL
NO SCALE

FIRE ALARM DEVICES SHOWN ARE PRESCRIPTIVE. FINAL DESIGN TO BE COMPLETED BY FIRE ALARM CONTRACTOR AND APPROVED BY FIRE MARSHALL PRIOR TO INSTALLATION.

SAFETY SWITCH SCHEDULE

EQUIPMENT SERVED	AMPERAGE RATING	VOLTAGE RATING	POLES	DUTY LISTING	NEMA RATING	FUSE SIZE
WH	30	240	2	HEAVY	1	*
HP-1 (Indoor)	30	240	2	HEAVY	1	*
HP-1 (Outdoor)	60	240	3	HEAVY	3R/12	*

* FUSE SWITCH AT EQUIPMENT MANUFACTURER'S RECOMMENDATIONS

AGREEMENT FOR SINGLE USE OF ELECTRONIC (CAD) MEDIA
ADG ENGINEERING

At your request, and at a cost of $10.00 per drawing sheet, to facilitate the preparation of shop drawings or submittals, we will provide electronic files for your singular, limited use specifically on the project in question, subject to the following terms and conditions:

The electronic files are compatible with AutoCad 2010. We make no representation as to the compatibility of these files with your hardware or your software beyond the specified release of the referenced specifications. CAD files remain the property of the Engineer of Record and in no case shall the transfer of these files be considered a sale.

Data contained on these electronic files is part of the design professionals instrument of service and shall not be used by you or anyone else receiving this data through or from you for any purpose other than as source of information for the referenced project and shall not be relied upon as an authoritative source of data for design or layout. Any use by your organization or by others will be at your sole risk and without liability or legal exposure to ADG, Inc. You agree to make no claim and hereby waive, to the fullest extend permitted by law, any claim or cause of action of any nature against ADG, Inc. its officers, directors, employees, agents or subconsultants which may arise out of or in connection with your use of the electronic files.

Furthermore, you shall, to the fullest extend permitted by law, indemnify and hold harmless ADG, Inc. for all claims, damages, losses and expenses, including attorney's fees arising out of or resulting from your use of these electronic files.

By requesting electronic media, requestor is acknowledging acceptance of all verbiage contained in this form. See specifications for additional information.

4 AGREEMENT FOR SINGLE USE OF ELECTRONIC (CAD) MEDIA
NO SCALE

POWER & SPECIAL SYSTEMS PLAN KEYNOTES:

1. REFER TO SPECIFICATIONS FOR TEL/DATA OUTLET REQUIREMENTS. (TYPICAL)
2. EXISTING RELOCATED CAMERA. EXTEND AND CONNECT TO EXISTING SECURITY SYSTEM. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/SECURITY SYSTEMS CONTRACTOR AND ARCHITECT/OWNER PRIOR TO ROUGH-IN.
3. EXTEND AND CONNECT EXHAUST FAN WITH RESTROOM LIGHTS. (PROVIDED BY MECH. INSTALLED BY THIS CONTRACTOR). COORDINATE EXACT LOCATION w/MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
4. EXTEND AND CONNECT TO EXISTING FIRE ALARM SYSTEMS. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/FIRE ALARM CONTRACTOR PRIOR TO ROUGH-IN.
5. EXISTING RELOCATED FIRE ALARM PULL STATION, & HORN STROBE. EXTEND AND CONNECT TO EXISTING FIRE ALARM SYSTEMS. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/FIRE ALARM CONTRACTOR PRIOR TO ROUGH-IN.
6. EXISTING RELOCATED TRUMPET. EXTEND AND CONNECT TO EXISTING INTERCOM SYSTEM. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/SOUND SYSTEMS CONTRACTOR AND ARCHITECT/OWNER PRIOR TO ROUGH-IN.
7. MOUNT FIRE ALARM DEVICE ON WALL BELOW BLEACHERS. EXTEND AND CONNECT TO EXISTING FIRE ALARM SYSTEMS. ENSURE PROPER OPERATIONS. COORDINATE EXACT LOCATIONS w/FIRE ALARM CONTRACTOR PRIOR TO ROUGH-IN.
8. NEW PANEL & SURFACE MOUNT WP/GFI RECEPTACLE. COMPLETE CONNECTIONS TO EQUIPMENT & ENSURE PROPER OPERATION. REFER TO DETAIL AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS. EXTEND AND MAKE CONNECTIONS FROM DISCONNECT TO MECHANICAL EQUIPMENT. COORDINATE CONNECTION LOCATION & REQUIREMENTS w/MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
9. MOUNT DISCONNECT SWITCH NEXT TO WATER HEATER UNIT. COMPLETE CONNECTIONS TO EQUIPMENT & ENSURE PROPER OPERATION. REFER TO DETAIL AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS. EXTEND AND MAKE CONNECTIONS FROM DISCONNECT TO MECHANICAL EQUIPMENT. COORDINATE CONNECTION LOCATION & REQUIREMENTS w/MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
10. NEW HP-#1 INDOOR UNIT. COMPLETE CONNECTIONS TO EQUIPMENT & ENSURE PROPER OPERATION. REFER TO DETAIL AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS. EXTEND AND MAKE CONNECTIONS FROM DISCONNECT TO MECHANICAL EQUIPMENT. COORDINATE CONNECTION LOCATION & REQUIREMENTS w/MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
11. NEW HP-#1 OUTDOOR UNIT. COMPLETE CONNECTIONS TO EQUIPMENT & ENSURE PROPER OPERATION. REFER TO DETAIL AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS. EXTEND AND MAKE CONNECTIONS FROM DISCONNECT TO MECHANICAL EQUIPMENT. COORDINATE CONNECTION LOCATION & REQUIREMENTS w/MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
12. PROVIDE AND INSTALL NEW 20Amp, 1pole C/B IN EXISTING PANEL 'BB', CIRCUIT - #8. EXTEND AND CONNECT 2 - #12w & #12g IN 1/2"c. TO NEW C/B. ENSURE PROPER OPERATION. COORDINATE CONNECTION LOCATION & REQUIREMENTS w/ARCHITECT/OWNER PRIOR TO ROUGH-IN.

FIRE ALARM NOTES:

IT IS THE INTENT OF THESE CONTRACT DOCUMENTS THE EXISTING FIRE ALARM SYSTEM BE EXTENDED/EXPANDED OR REPLACED WITH NEW TO PROVIDE PROPER NFPA 101/72 COVERAGE FOR NEW GYMNASIUM EXPANSION. ALL AUDIBLE DEVICES SHALL BE VOICE-EVAC/STROBE. THE BIDDER SHALL INCLUDE ALL LASFM REQUIRED SUBMITTAL INFORMATION AND FEES IN BID. BIDDER SHALL BE LOCAL FACTORY AUTHORIZED DEALER OF EXISTING SYSTEM AND INCLUDE CERTIFICATION OF SUCH IN SUBMITTALS.

IT IS THE BIDDER'S RESPONSIBILITY TO VERIFY SPECIFIC EQUIPMENT NEEDS AND COORDINATE WITH THE ELECTRICAL CONTRACTOR TO OBTAIN DESIRED 120 VOLT POWER FOR EQUIPMENT AND COMMUNICATION WITH MONITORING COMPANY AS SELECTED BY RPSB.

PROVIDE ALL MATERIAL REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL FIRE ALARM SYSTEM INCLUDING BUT NOT LIMITED TO RACEWAY SYSTEMS, CABLE, DEVICES, AND HEAD END EQUIPMENT MODIFICATIONS. ALL CABLING THRU CORRIDORS OR NEW CONSTRUCTION WALLS SHALL BE SLEEVED (UTILIZE EMT - 2"C MIN.) ALL WIRING SHALL BE RUN IN NEW RACEWAYS - CONCEALED UNLESS RUNNING ABOVE ACCESSIBLE SUSPENDED ACOUSTICAL CEILINGS - J HOOKS REQUIRED THESE SPACES.

GENERAL NOTES:

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. VERIFY EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES W/ARCHITECT/OWNER PRIOR TO ROUGH-IN.

C. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. RECEPTACLES WITHIN 6' OF A SINK OR LAVATORY SHALL HAVE GFCI PROTECTION.

F. DATA DROPS SHOWN ADJACENT TO COUNTER-TOP DUPLEX RECEPTACLES SHALL BE ROUGHED-IN AT COUNTER-TOP HEIGHT ALSO.

G. COORDINATE EXACT PLACEMENT FOR ALL DEVICES WHERE MILLWORK IS PRESENT PRIOR TO ROUGH-IN. DO NOT ROUGH-IN BEHIND CABINETS, DRAWERS, ETC RENDERING DEVICE UNUSABLE.

H. ALL 20A 125V DUPLEX RECEPTACLES INSTALLED OUTDOORS SHALL HAVE GFCI PROTECTION AND SHALL RECEIVE WP WHILE IN USE COVER PLATE AS SPECIFIED.

I. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.

J. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

K. REFER TO ELECTRICAL DIVISION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

L. COMPLETE CONNECTIONS TO ALL EQUIPMENT AND PROVIDE PROPER CONDUIT SUPPORTS/STRAPS REQUIRED FOR SECURE INSTALLATIONS. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

M. REFER TO SPECIFICATIONS PRIOR TO ANY ROUGH-IN WORK FOR SPECIFIC REQUIREMENTS RELATIVE TO ROUGH-IN OF DEVICES.

N. THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS VERIFYING THAT THE WORK CAN BE PERFORMED AS DESCRIBED IN THESE DEMOLITION DRAWINGS, PRIOR TO SUBMITTING A BID.

O. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL LOCATE ALL WORK TO REMAIN, INCLUDING, BUT NOT LIMITED TO PLUMBING, HVAC, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL, AND SHALL PROTECT SUCH WORK FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION.

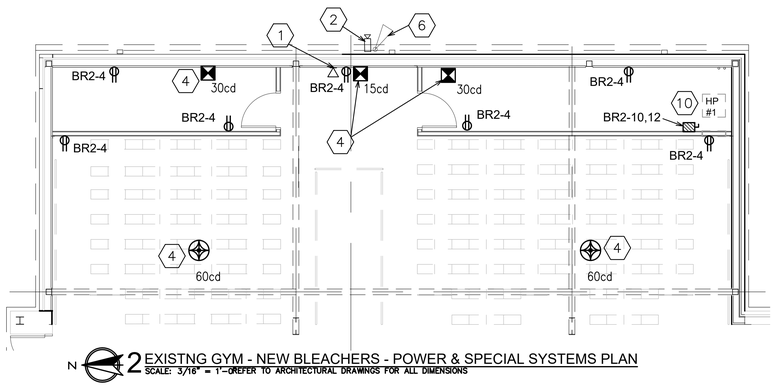
P. THE CONTRACTOR SHALL AT ALL TIMES CONSULT WITH THE ARCHITECT AND FOLLOW DIRECTIVES ISSUED BY THE ARCHITECT WHICH WILL ENSURE THE CONTINUED SAFE FUNCTIONING OF THE OWNERS OPERATIONS. THE CONTRACTOR SHALL MINIMIZE ENCUMBRANCES TO THE OWNER'S OPERATIONS AT ALL TIMES AND SHALL NOTIFY THE ARCHITECT OF ANY WORK AFFECTING THE OPERATION OF THE OWNER AT LEAST THREE DAYS PRIOR TO PERFORMING SAID WORK.

Q. BACKBOXES SHALL RECEIVE FIRE-RATED PUTTY PADS WHERE OCCURRING IN RATED WALLS.

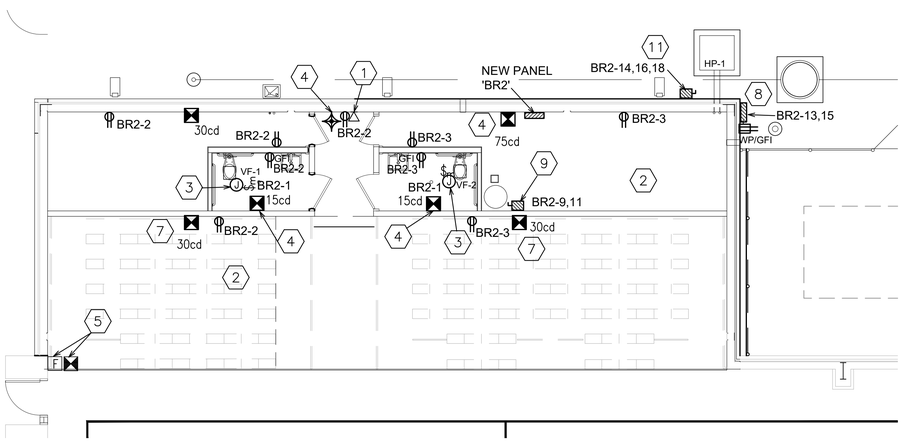
R. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION. DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONDITIONS ARE APPROXIMATE AND ARE NOT PURPORTED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO PERFORMING WORK, PREPARING SHOP DRAWINGS, OR ORDERING MATERIALS.

S. THE CONTRACTOR SHALL ASK FOR DETAILS AND/OR INSTRUCTIONS WHEN UNCERTAIN HOW TO PROCEED. THE LACK OF NOT REQUESTING DETAILS DOES NOT EXCUSE SLOPPY OR IMPROPER WORK. CORRECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COSTS TO THE OWNER.

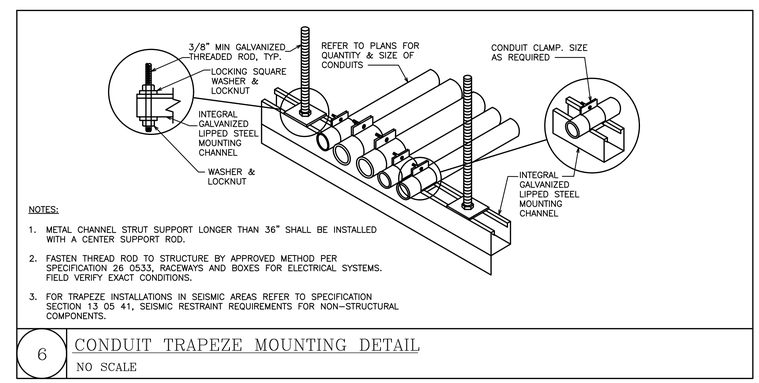
T. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING ALL SALVAGED ITEMS TO AN OWNER DESIGNATED STORAGE FACILITY.



2 EXISTNG GYM - NEW BLEACHERS - POWER & SPECIAL SYSTEMS PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS

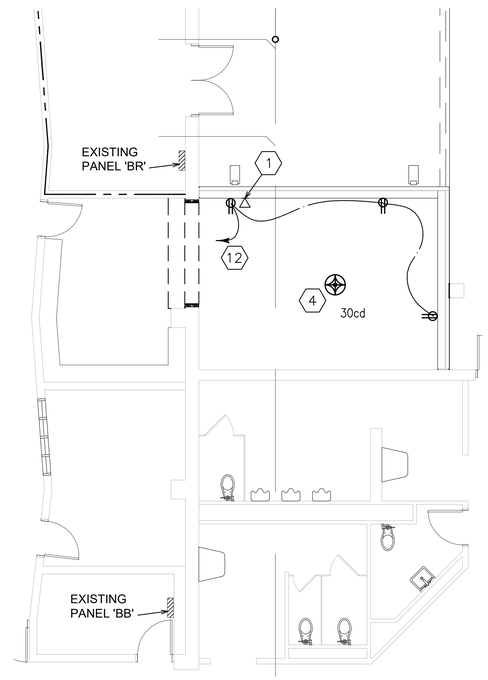


1 EXISTNG GYM - NEW BLEACHERS GROUND LEVEL - BELOW BLEACHERS POWER & SPECIAL SYSTEMS PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



NOTES:
1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREAD ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 0533, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 13 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

6 CONDUIT TRAPEZE MOUNTING DETAIL
NO SCALE



3 EXISTNG GYM - NEW STORAGE AREA POWER & SPECIAL SYSTEMS PLAN
SCALE: 3/16" = 1'-0REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS

ASHE | BROUSSARD | WEINZETTLE ARCHITECTS

DOUGLAS E. ASHE No. 2162 STATE OF LOUISIANA REGISTERED ARCHITECT
10.30.25

DAVID B. STELLY License No. 29070 11/07/2025 PROFESSIONAL ENGINEER

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Power & Special Systems Plans, Schedule & Details

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ASSOCIATED DESIGN GROUP, INC.
3909 W Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 25296

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