ADDENDUM NO. 1

March 30, 2022

TIPPECANOE VALLEY HIGH SCHOOL ADDITIONS & RENOVATIONS
Akron, IN 46910

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 10, 2022 by Fanning Howey Associates, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of pages ADD 1-1 through ADD 1-6 and attached Addendum No. 1 from Fanning Howey Associates, Inc. dated March 29, 2022 and consisting of 2 pages and 62 drawings.

A. SPECIFICATION SECTION 00 20 00 - INFORMATION AVAILABLE TO BIDDERS

1. **Existing drawings and photos are available to bidders upon request. Send requests to Scott Rogers with The Skillman Corporation at srogers@skillman.com.**

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. **BID CATEGORY NO. 1 - GENERAL TRADES**

a. **Replace:**

Clarification No. 14:
The Bid Category No. 1 Contractor is responsible to provide all underground utilities (site water, fire line, sanitary and storm lines) to within 5'-0" of the building perimeter and fire pump house/tank or as indicated on the drawings, including cleanouts. The **Bid Category No. 7 Contractor** shall provide all excavation and backfill to make final connections to the fire pump house/tank. The **Bid Category No. 8 Contractor** shall provide all excavation and backfill to make final connections to the building. The Fire main shall be turned up in the building with a flange. Coordinate final location with the **Bid Category No. 7 Contractor**.

b. **Add:**

Clarification No. 19:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 20:
The **Bid Category No. 1 Contractor** shall provide final cleaning of the entire pool, pool equipment room and all equipment outside the pool equipment room at substantial completion.

Clarification No. 21:
The **Bid Category No. 1 Contractor** shall provide all work indicated on the PL drawings including demolition, modification and installation of pool equipment and piping required. Coordinate with the **Bid Category 8, 9 and 10 Contractors**.

Clarification No. 22:
The **Bid Category No. 1 Contractor** shall provide all prep work required for the installation of ceramic tile over existing surfaces. The **Bid Category No. 1 Contractor** shall also remove and replace wall mounted items where new finishes will be installed over existing finishes.

Clarification No. 23:
Concrete equipment pads and housekeeping pads shown or required for fire protection, plumbing, mechanical and electrical equipment are the responsibility of the contractor installing or providing the equipment.

Clarification No. 24:
The **Bid Category No. 1 Contractor** shall include two (2), 6' wide temporary doors and frames with permanent characteristics for access to the existing home locker room within walls to be demolished. Coordinate final locations with the Construction Manager prior to installation.

Clarification No. 25:
Reference Specification Section 12 32 16 Manufactured Plastic-Laminate-Faced (Educational) Casework; The **Bid Category No. 1 Contractor** shall provide all plumbing fixtures under this section. The **Bid Category No. 8 Contractor** shall provide final connections as required.

2. **BID CATEGORY NO. 2 - MASONRY**

a. **Add:**

Clarification No. 8:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 9:
The **Bid Category No. 2 Contractor** shall provide all work associated with removal, salvaging, toothing-in and infilling masonry as indicated on the contract documents.

Clarification No. 10:
The **Bid Category No. 2 Contractor** shall provide all work associated with cleaning of the existing brick (XBRK) to like new conditions.

3. **BID CATEGORY NO. 3 - ROOFING**

a. **Add:**

Specification Section 02 41 19 Selective Demolition (As Applicable)

4. **BID CATEGORY NO. 7 - FIRE PROTECTION**

a. **Replace:**

Specification Section 21 11 22 Storage Tanks Fire-Suppression Systems (As Applicable)

a. **Add:**

Clarification No. 7:
The Bid Category No. 1 Contractor is responsible to provide all underground utilities (site water, fire line, sanitary and storm lines) to within 5'-0" of the building perimeter and fire pump house/tank or as indicated on the drawings, including cleanouts. The **Bid Category No. 7 Contractor shall** provide all excavation and backfill to make final connections to the fire pump house/tank. The **Bid Category No. 8 Contractor shall** provide all excavation and backfill to make final connections to the building. The Fire main shall be turned up in the building with a flange. Coordinate final location with the **Bid Category No. 7 Contractor**.

Clarification No. 8:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 9:
Regarding Specification Section 21 11 22 Storage Tanks Fire-Suppression Systems; The **Bid Category No. 10 Contractor** is responsible to provide all electrical requirements and conduit indicated under this section and as required per drawing sheet FP.03. The **Bid Category No. 7 Contractor** is responsible for all remaining work under this section and drawing sheet FP.03 including all ancillary components, concrete, etc. to provide a complete and fully operational system.

5. **BID CATEGORY NO. 8 - PLUMBING**

a. **Replace:**

Clarification No. 6:
The Bid Category No. 1 Contractor is responsible to provide all underground utilities (site water, fire line, sanitary and storm lines) to within 5'-0" of the building perimeter and fire pump house/tank or as indicated on the drawings, including cleanouts. The **Bid Category No. 7 Contractor** shall provide all excavation and backfill to make final connections to the fire pump house/tank. The **Bid Category No. 8 Contractor** shall provide all excavation and backfill to make final connections to the building. The Fire main shall be turned up in the building with a flange. Coordinate final location with the **Bid Category No. 7 Contractor**.

a. **Add:**

Specification Section 13 15 00 Swimming Pool and Equipment (As Applicable)

Clarification No. 10:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 11:
Reference Specification Section 13 15 00 Swimming Pool and Equipment; the **Bid Category No. 8, 9 and 10 Contractors** shall review this section in detail for any coordination requirements and to identify any work that is be provided by their respective Bid Categories.

Clarification No. 12:
The **Bid Category No. 1 Contractor** shall provide all work indicated on the PL drawings including demolition, modification and installation of pool equipment and piping required. Coordinate with the **Bid Category 8, 9 and 10 Contractors**.

Clarification No. 13:
Reference Specification Section 12 32 16 Manufactured Plastic-Laminate-Faced (Educational) Casework; The **Bid Category No. 1 Contractor** shall provide all plumbing fixtures under this section. The **Bid Category No. 8 Contractor** shall provide final connections as required.

6. **BID CATEGORY NO. 9 - MECHANICAL**

a. **Add:**

Specification Section 13 15 00 Swimming Pool and Equipment (As Applicable)

Clarification No. 9:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 10:
Reference Specification Section 13 15 00 Swimming Pool and Equipment; the **Bid Category No. 8, 9 and 10 Contractors** shall review this section in detail for any coordination requirements and to identify any work that is be provided by their respective Bid Categories.

Clarification No. 11:
The **Bid Category No. 1 Contractor** shall provide all work indicated on the PL drawings including demolition, modification and installation of pool equipment and piping required. Coordinate with the **Bid Category 8, 9 and 10 Contractors**.

7. **BID CATEGORY NO. 10 - ELECTRICAL**

a. **Add:**

Specification Section 21 11 22 Storage Tanks Fire-Suppression Systems (As Applicable)
Specification Section 13 15 00 Swimming Pool and Equipment (As Applicable)

Clarification No. 11:
The **Bid Category No. 1 Contractor** shall provide all work indicated on the PL drawings including demolition, modification and installation of pool equipment and piping required. Coordinate with the **Bid Category 8, 9 and 10 Contractors**.

Clarification No. 12:
The **Bid Category No. 1 Contractor** shall provide scaffolding (including erecting and removal) at the pool tank for all trades to use to perform overhead work above the pool. The platform will be roughly 6' below finished ceiling height.

Clarification No. 13:
Regarding Specification Section 21 11 22 Storage Tanks Fire-Suppression Systems; The **Bid Category No. 10 Contractor** is responsible to provide all electrical requirements and conduit indicated under this section and as required per drawing sheet FP.03. The **Bid Category No. 7 Contractor** is responsible for all remaining work under this section and drawing sheet FP.03 including all ancillary components, concrete, etc. to provide a complete and fully operational system.

Clarification No. 14:
Reference Specification Section 13 15 00 Swimming Pool and Equipment; the **Bid Category No. 8, 9 and 10 Contractors** shall review this section in detail for any coordination requirements and to identify any work that is be provided by their respective Bid Categories.

A D D E N D U M N O. 1

Tippecanoe Valley High School Additions and Renovations

Project No. 220158.00

Tippecanoe Valley School Corporation
Akron, Indiana

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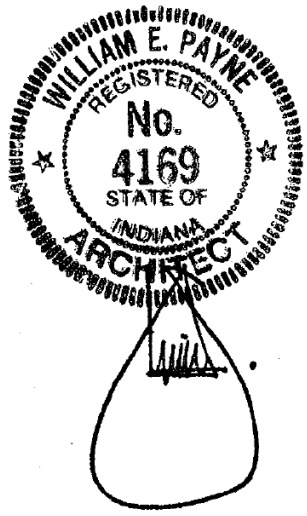
Addendum No. 1, 2 items, 1 page
Revised Drawing Sheets: GD1.1, G1.1, G2.1, G3.1, SU1.0, SU1.1, AD.01, AD.02, AD.03, AD.04, AD.05, AD.06, AD.07, A6.04, A7.11, A8.01, A8.02, A8.03, A8.04, A8.05, A8.06, A8.07 A8.10, A8S.01, FP2.01, FP.03, P2.04, P2.10, MD.03, M2.02, M2.03, M2.05, M2.06, M3.05, M4.01, M5.01, M5.02, M5.03, M5.04, M5.08, M5.09, M6.01, M6.02, M6.04, M6.05, ED.1, ED.2, ED.3, E4.2, E4.4, E4.5, E4.6, E4.7, E5.1, E5.2, E5.5, E5.6, E5.7, E7.1, E8.1, TL.2, and TL.3

Date: March 29, 2022

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



William E. Payne, AIA
Indiana Registration No. 4169

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated March 10, 2022 for Tippecanoe Valley High School Additions and Renovations for Tippecanoe Valley School Corporation, 8343 South State Road 19, Akron, Indiana 46910; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.
This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, SECTION 04 20 00 – UNIT MASONRY

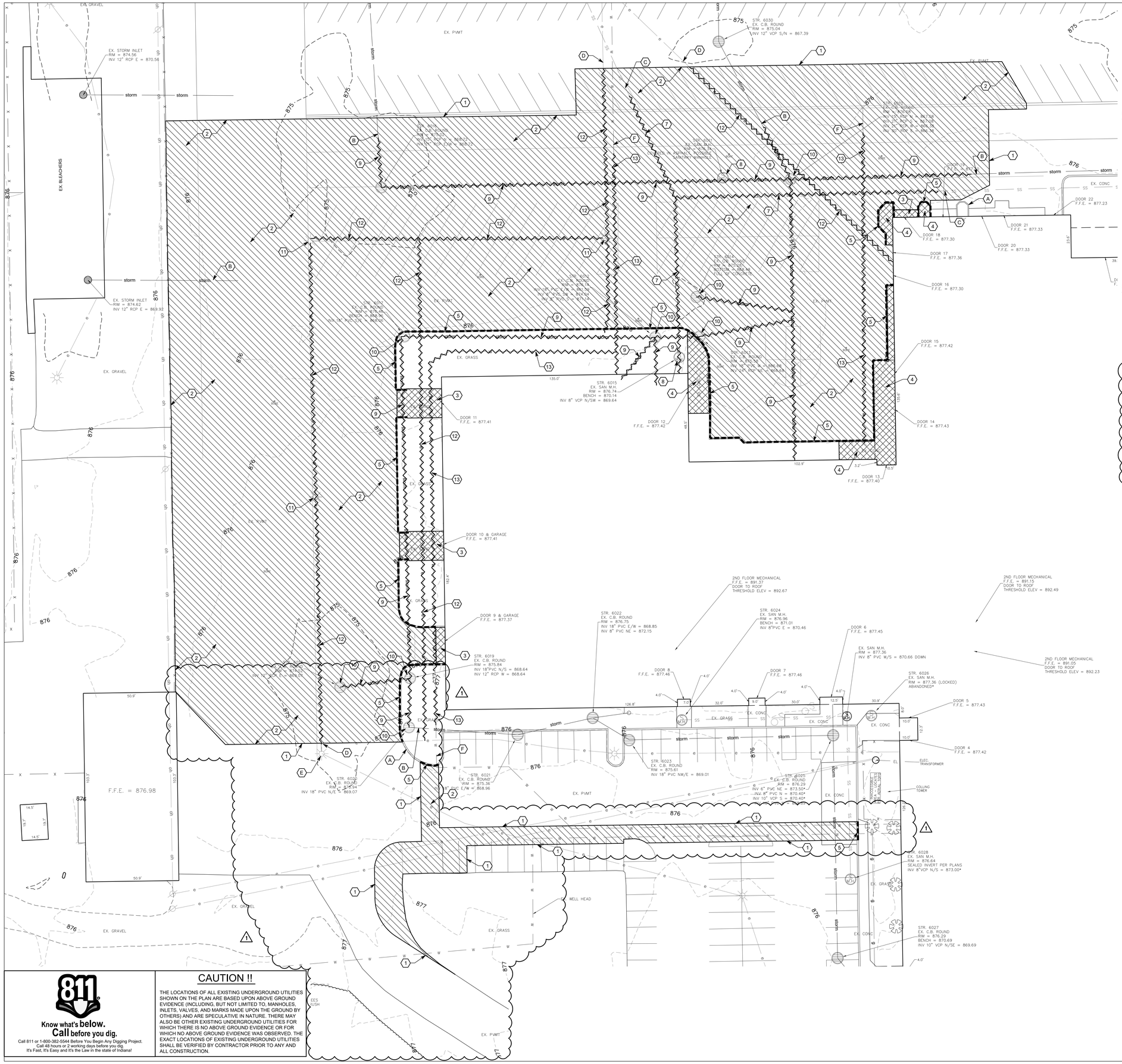
A. Add 2.6, B., 6., c., as follows:

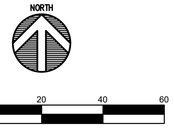
"c. Accent Brick (Color E): #8632-Light by Belden Brick Co."

ITEM NO. 2. REVISED DRAWING SHEETS

A. Drawing Sheets: GD1.1, G1.1, G2.1, G3.1, SU1.0, SU1.1, AD.01, AD.02, AD.03, AD.04, AD.05, AD.06, AD.07, A6.04, A7.11, A8.01, A8.02, A8.03, A8.04, A8.05, A8.06, A8.07 A8.10, A8S.01, FP2.01, FP.03, P2.04, P2.10, MD.03, M2.02, M2.03, M2.05, M2.06, M3.05, M4.01, M5.01, M5.02, M5.03, M5.04, M5.08, M5.09, M6.01, M6.02, M6.04, M6.05, ED.1, ED.2, ED.3, E4.2, E4.4, E4.5, E4.6, E4.7, E5.1, E5.2, E5.5, E5.6, E5.7, E7.1, E8.1, TL.2, and TL.3 have been revised, dated 3/29/22 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM





GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY DEBOY LAND DEVELOPMENT SERVICES. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. DEMOLITION ITEMS INCLUDE BUT ARE NOT LIMITED TO DEMOLITION ITEMS INDICATED ON THIS PLAN. IT IS THE CONTRACTORS RESPONSIBILITY TO REMOVE OR RELOCATE ITEMS WHICH INTERFERE WITH NEW CONSTRUCTION.

DEMOLITION KEYNOTES

1. PAVEMENT SAWCUT LINE (ASPHALT AND CONCRETE)
2. REMOVE EXISTING ASPHALT PAVEMENT
3. REMOVE EXISTING CONCRETE PAVEMENT
4. REMOVE EXISTING CONCRETE SIDEWALK
5. REMOVE EXISTING CONCRETE CURB
6. NOT USED
7. ABANDON EXISTING SANITARY SEWER LINE IN PLACE AND FILL WITH FLOWABLE FILL EXCEPT WHERE IT CONFLICTS WITH PROPOSED FOUNDATIONS AND/OR UTILITIES, COORDINATE LIMITS OF REMOVAL WITH FOUNDATIONS AND UTILITY PLANS
8. REMOVE EXISTING SANITARY MANHOLE CASTING AND STRUCTURE TO A DEPTH OF AT LEAST 4' AND FILL REMAINING STRUCTURE WITH FLOWABLE FILL EXCEPT WHERE IT CONFLICTS WITH PROPOSED FOUNDATIONS AND/OR UTILITIES. COORDINATE LIMITS OF REMOVAL WITH FOUNDATION AND UTILITY PLANS
9. ABANDON EXISTING STORM SEWER LINE IN PLACE AND FILL WITH FLOWABLE FILL EXCEPT WHERE IT CONFLICTS WITH PROPOSED FOUNDATIONS AND/OR UTILITIES, COORDINATE LIMITS OF REMOVAL WITH FOUNDATION AND UTILITY PLANS
10. REMOVE EXISTING STORM MANHOLE OR INLET CASTING AND STRUCTURE TO A DEPTH OF AT LEAST 4' AND FILL REMAINING STRUCTURE WITH FLOWABLE FILL EXCEPT WHERE IT CONFLICTS WITH PROPOSED FOUNDATIONS AND/OR UTILITIES. COORDINATE LIMITS OF REMOVAL WITH FOUNDATION AND UTILITY PLANS
11. REMOVE EXISTING LIGHT POLE AND RELATED FOUNDATION
12. REMOVE EXISTING UNDERGROUND ELECTRICAL LINE
13. REMOVE EXISTING WATER LINE
- A. PROTECT EXISTING CURB TO REMAIN IN PLACE
- B. PROTECT EXISTING STORM PIPE TO REMAIN IN PLACE
- C. PROTECT EXISTING SANITARY PIPE TO REMAIN IN PLACE
- D. PROTECT EXISTING ELECTRICAL LINE TO REMAIN IN PLACE
- E. PROTECT EXISTING LIGHT POLE TO REMAIN IN PLACE
- F. PROTECT EXISTING WATER LINE TO REMAIN IN PLACE

DEMOLITION LEGEND

- APPROXIMATE LIMITS OF 1 1/2" ASPHALT SURFACE MILLING
- APPROXIMATE LIMITS OF ASPHALT PAVEMENT REMOVAL
- APPROXIMATE LIMITS OF CONCRETE PAVEMENT OR WALK REMOVAL
- APPROXIMATE LIMITS OF FENCE REMOVAL
- APPROXIMATE LIMITS OF CONCRETE CURB REMOVAL
- APPROXIMATE LIMITS OF UTILITY OR SEWER LINE REMOVAL
- APPROXIMATE LIMITS OF CONSTRUCTION

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Call 811 or 1-800-382-5544 Before You Begin Any Digging Project.
Call 48 hours or 2 working days before you dig.
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CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

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Plotted By: dschnur Time of Plot: 3/29/22 - 6:05pm Last Edited: 3/25/22 - 5:32pm

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TIPPECANOE VALLEY HIGH SCHOOL A&R

8345 S. STATE ROAD 19
AKRON, IN 46910

TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT
FANNING HOWEY
317.848.0966 WWW.FHAI.COM
350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSULTANT
TLF

CONSTRUCTION DOCUMENTS

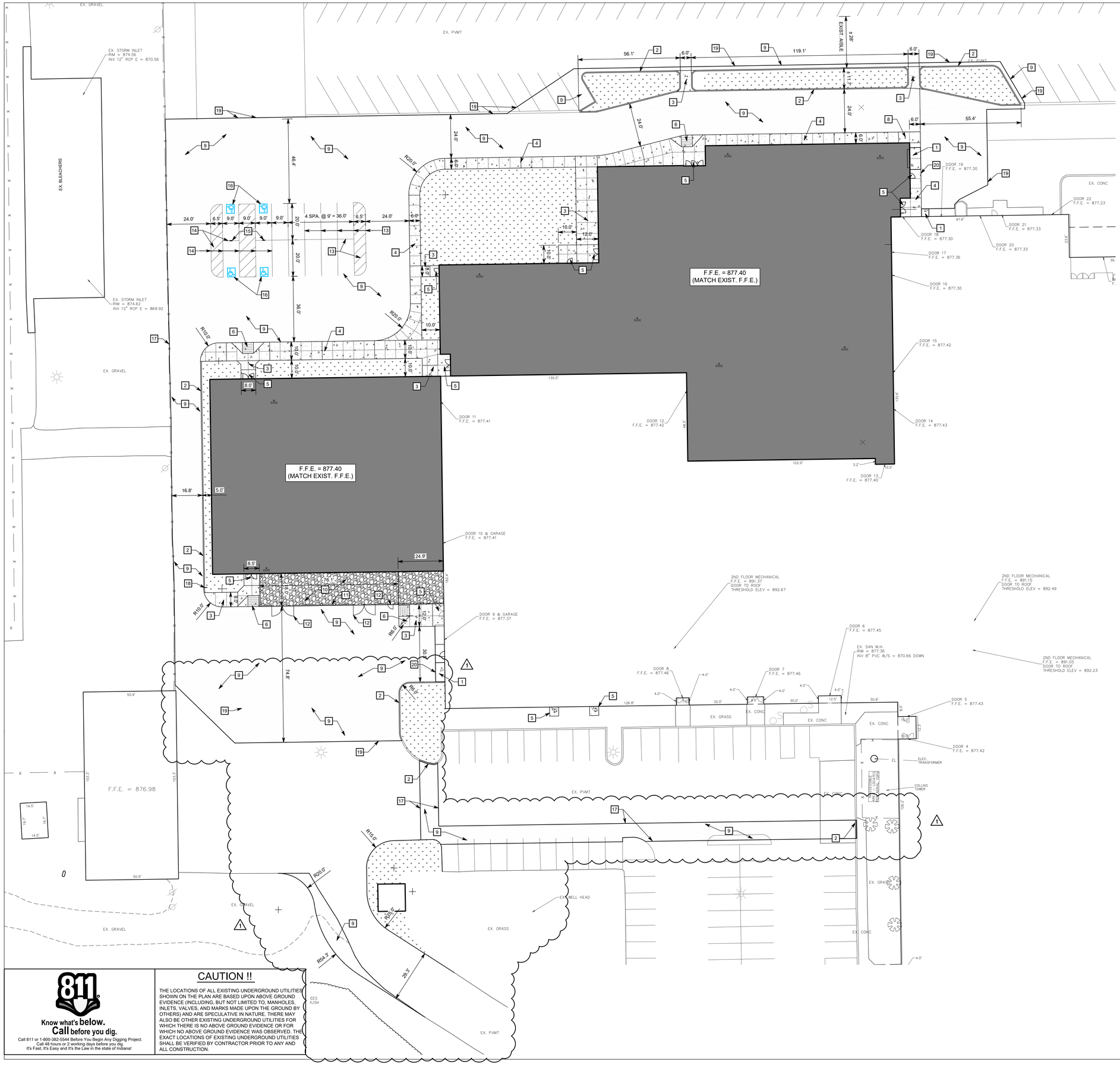
MARK S. FINK REGISTERED No. 60870374 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: DBS
DRAWN BY: HHW
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.△	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

DEMOLITION PLAN

GD1.1



GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY DEBOY LAND DEVELOPMENT SERVICES. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.

1 SITE KEYNOTES

1. 8" CONCRETE PAVEMENT - SEE DETAIL D/G4.1
2. 6" CONCRETE STRAIGHT CURB - SEE DETAIL C/G4.1
3. CONCRETE SIDEWALK - SEE DETAIL A/G4.1
4. MONOLITHIC CURB AND WALK - SEE DETAIL B/G4.1
5. CONCRETE STOOP - SEE DETAIL 9/S3.03 (WIDTH OF STOOP TO MATCH MASONRY OPENING)
6. ADA ACCESSIBLE RAMP TYPE 1 - SEE DETAIL K/G4.1
7. ADA ACCESSIBLE RAMP TYPE 2 - SEE DETAIL L/G4.1
8. ADA ACCESSIBLE RAMP TYPE 3 - SEE DETAIL M/G4.1
9. HEAVY DUTY ASPHALT PAVEMENT - SEE DETAIL G/G4.1
10. 12" GRAVEL STORAGE AREA - SEE DETAIL H/G4.1
11. 6' CHAIN LINK FENCE w/SLATS - SEE DETAIL U/G4.1
12. GATE FOR CHAIN LINK FENCE - SEE DETAIL V/G4.1
13. 4" SOLID WHITE PAVEMENT MARKING
14. 4" SOLID BLUE PAVEMENT MARKING
15. ADA PARKING SIGN - SEE DETAIL S/G4.1
16. ADA PARKING SYMBOL (BLUE) - SEE DETAIL T/G4.1
17. R6-2 "ONE WAY" SIGN - SEE DETAIL S/G4.1 FOR POST DETAIL
18. R5-1 "DO NOT ENTER" SIGN - SEE DETAIL S/G4.1 FOR POST DETAIL
19. PAVEMENT INTERFACE - SEE DETAIL F/G4.1
20. CONCRETE/ASPHALT PAVEMENT INTERFACE - SEE DETAIL E/G4.1

PROPOSED SITE LEGEND

- BUILDING ADDITION
- CONCRETE SIDEWALK / PAVEMENT
- LAWN / GRASS
- ASPHALT PAVEMENT
- GRAVEL AREA

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CONSTRUCTION DOCUMENTS

MARK S. FISK REGISTERED No. 60870374 STATE OF INDIANA PROFESSIONAL ENGINEER

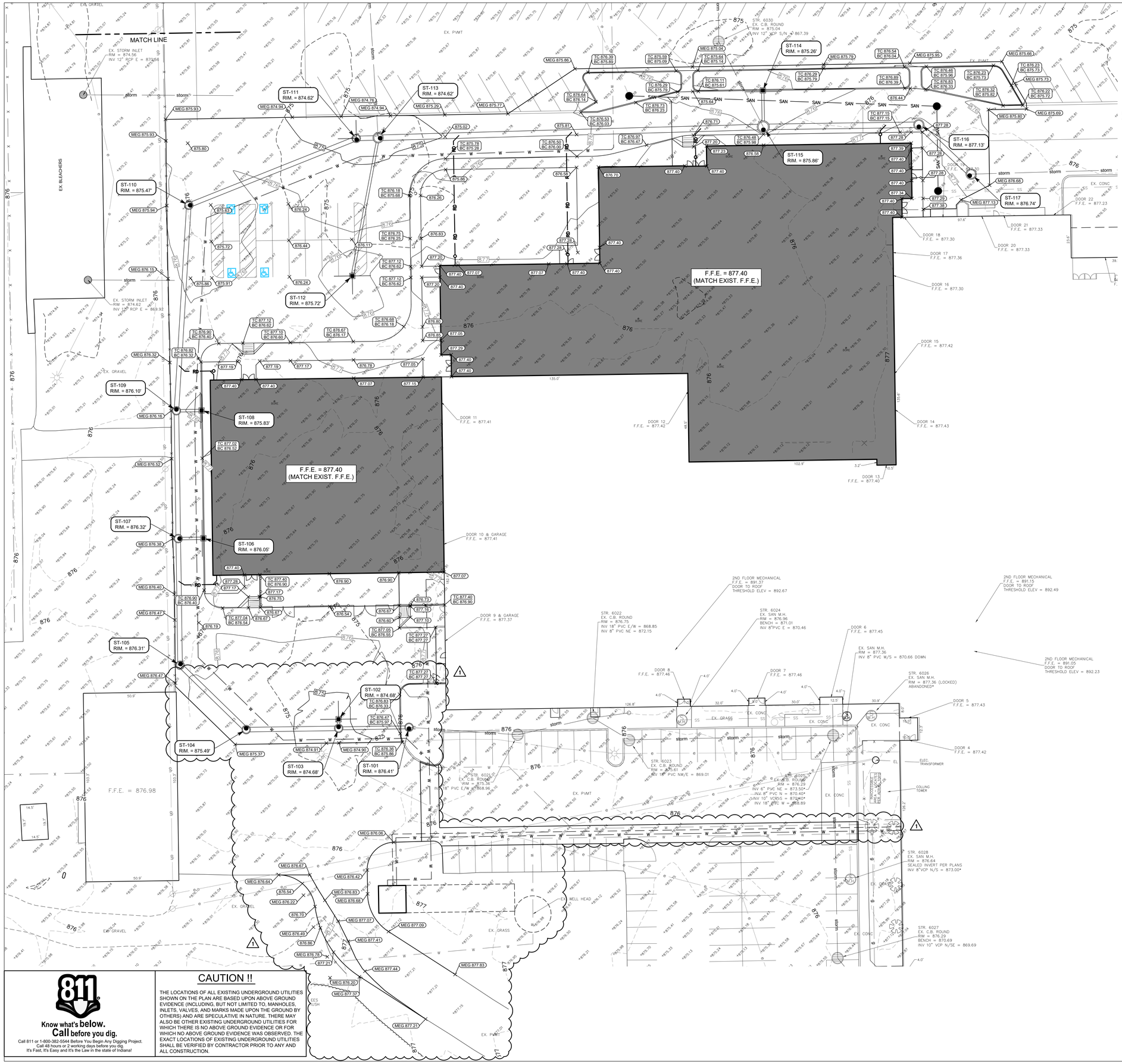
PROJECT MANAGER: DBS
DRAWN BY: HHW
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

SITE PLAN

G1.1

Drawing Path: P:\2021\300\318\Cad\Active\06_2021-318_G1.1_SP.dwg
Plotted By: dschnur Time of Plot: 3/29/22 - 6:18pm Last Edited: 3/25/22 - 6:03pm



NORTH

20 0 20 40 60

GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES.
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GRADING KEYNOTES

1. 100 LF. OF SWALE @ 1.00% MIN. SLOPE
2. 175' OF 4" CPVC @ 1.25% SLOPE
3. 2' x 2' x 1' SUMP WITH REMOVABLE TRAFFIC RATED GALVANIZED BAR GRATE AND LINK SEAL AT PIPE CONNECTIONS
4. CONCRETE FLARED END SECTION
5. INLET TYPE "E" STORM STRUCTURE
6. 32' OF TRENCH DRAIN

GRADING PLAN LEGEND

+725.50	EXISTING SPOT ELEVATION
MEG	MATCH EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
EP	EDGE OF PAVEMENT
FL	FLOWLINE
730	EXISTING CONTOUR W/ ELEVATION
735	PROPOSED CONTOUR W/ ELEVATION
750.65	PROPOSED SPOT ELEVATION
TC / BC	PROPOSED CURB ELEVATION

SITE CONTROL AND BENCHMARK INFORMATION

HORIZONTAL AND VERTICAL CONTROL BASED ON INDOT INCORS SYSTEM, INCORPORATES VERTICAL DATUM NGVD88.

Know what's below. Call before you dig.
Call 811 or 1-800-382-5544 Before You Begin Any Digging Project.
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Plotted By: dschnur Time of Plot: 1/28/22 - 6:05pm Last Edited: 3/28/22 - 6:02pm

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ARCHITECT

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DRAWN BY: HHW
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PROJECT ISSUE DATE: 03/10/2022

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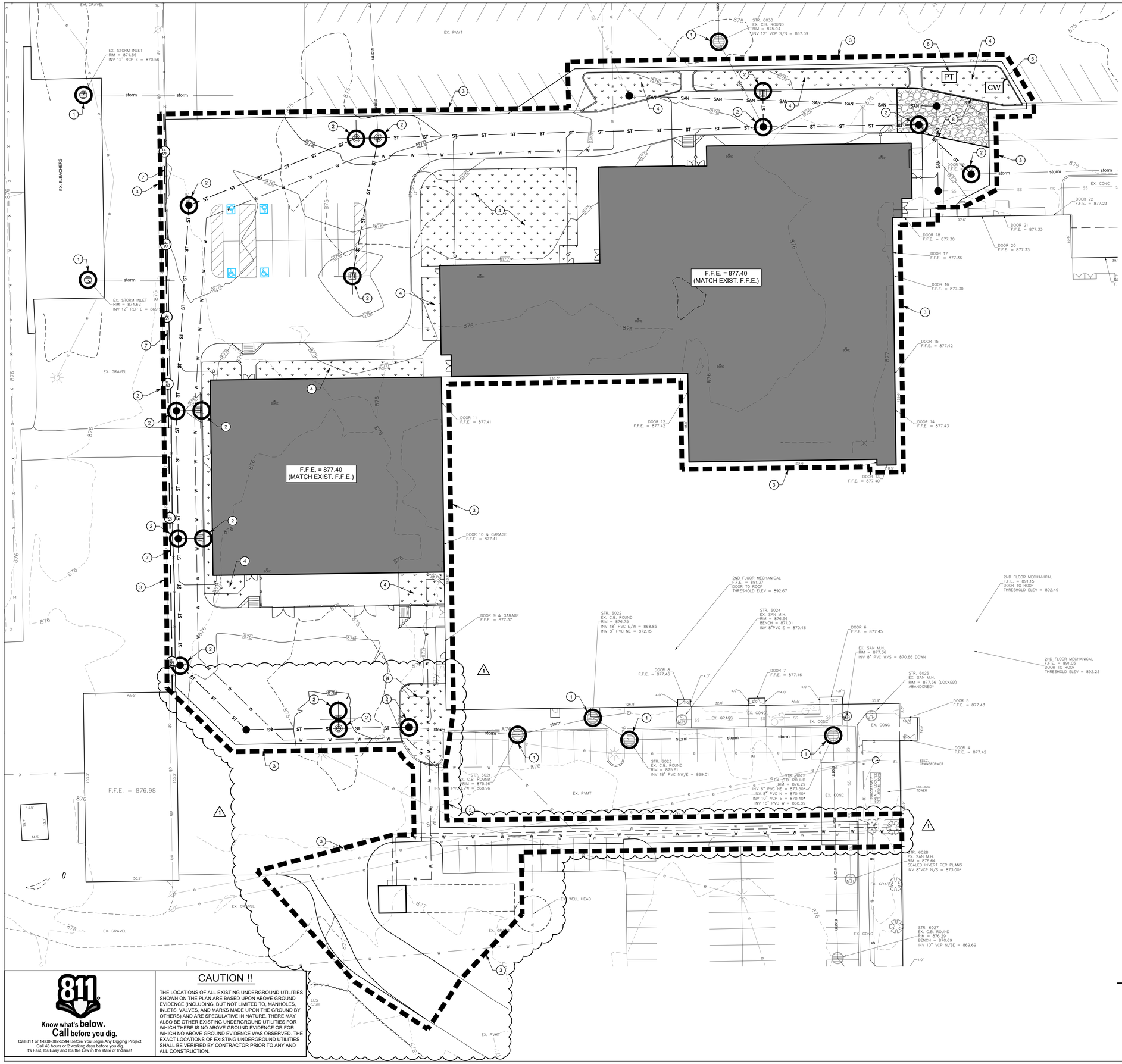
1	ADDENDUM 1	3/29/2022

GRADING PLAN

G2.1



GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES.
2. SEE DRAWING G3.3 FOR EROSION CONTROL DETAILS.
3. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE INSPECTOR.
4. DURING CONSTRUCTION KEEP PAVEMENTS AND SIDEWALKS CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. CLEAN WHEELS OF VEHICLES BEFORE LEAVING THE SITE TO AVOID TRACKING SOIL ONTO ROADS, WALKS OR OTHER PAVED AREAS.
5. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH KOSCIUSKO COUNTY STORMWATER RUNOFF CONTROL AND EROSION CONTROL ORDINANCE, LATEST EDITION.

EROSION CONTROL KEYNOTES

1. **SEDIMENT BAG INLET PROTECTION (FOR EXISTING INLETS)**
2. **SILT FENCE INLET PROTECTION FOR NEW STRUCTURES (SWITCH TO SEDIMENT BAGS AFTER PAVEMENT IS PLACED)**
3. **LIMITS OF CONSTRUCTION**
4. **TEMPORARY SEEDING**
5. **CONCRETE WASHOUT**
6. **PORTABLE TOILETS**
7. **SILT FENCE**
8. **CONSTRUCTION ENTRANCE**

EROSION CONTROL LEGEND

(SEE EROSION CONTROL DETAILS ON SHEET G3.3)

- INLET PROTECTION (SEE KEYNOTES)
- APPROXIMATE LIMITS OF CONSTRUCTION
- APPROXIMATE LIMITS OF TEMPORARY SEEDING
- APPROXIMATE LIMITS OF CONSTRUCTION ENTRANCE
- CW — INDICATES LOCATION OF CONCRETE WASHOUT
- PT — INDICATES LOCATION OF PORTABLE TOILETS
- SF — SILT FENCE

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CAUTION !!

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Drawing Path: P:\2021\3003_31R\Cad\Civil\Active\09_2021-318_G3.1_EC.dwg
Plotted By: dschnur Time of Plot: 3/29/22 - 6:03pm Last Edited: 3/28/22 - 6:03pm

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TIPPECANOE VALLEY HIGH SCHOOL A&R

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CONSULTANT

TLF

CONSTRUCTION DOCUMENTS

MARK S. FISH REGISTERED No. 60870374 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: DBS
DRAWN BY: HHW
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.△	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

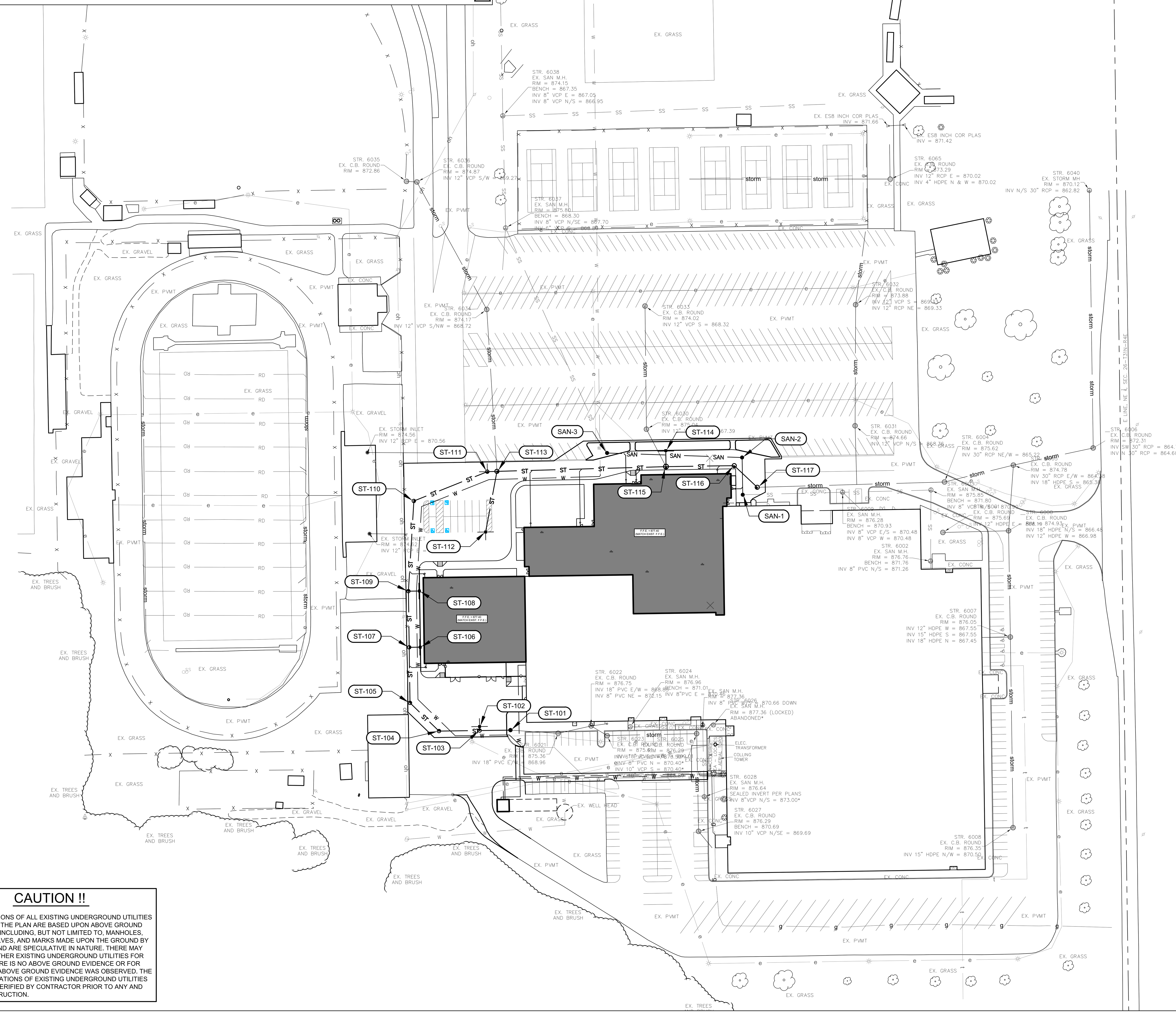
EROSION CONTROL PLAN

G3.1

STORM STRUCTURE TABLE

STR. NO.	STRUCTURE	STRUCTURE DETAIL REFERENCE	CASTING TYPE	RIM	INCOMING PIPE DATA (DIRECTION) [FROM STR]	OUTGOING PIPE DATA (DIRECTION) [TO STR]	OUTGOING PIPE L.F.	OUTGOING PIPE SIZE	OUTGOING GRADE	CONNECT TO STR.	REMARKS
101	Type "C" Manhole	See Detail Sheet SU2.1	R-1772	876.41	15" PVC Pipe 869.07 (E) []	15" RCP 868.75 (W) [103]	39'	15"	0.29%	103	-
102	Inlet Type "A"	See Detail Sheet SU2.1	R-3472	874.68		12" RCP 870.94 (S) [103]	5'	12"	0.40%	103	-
103	Type "C" Manhole	See Detail Sheet SU2.1	R-3472	874.68	15" RCP 868.64 (E) [101] 12" RCP 870.92 (N) [102]	24" RCP 868.64 (W) [104]	51'	24"	0.25%	104	-
104	Type "C" Manhole	See Detail Sheet SU2.1	R-1772	875.49	24" RCP 868.51 (E) [103]	24" RCP 868.51 (NW) [105]	51'	24"	0.25%	105	-
105	Type "C" Manhole	See Detail Sheet SU2.1	R-1772	876.31	24" RCP 868.38 (SE) [104]	24" RCP 868.38 (N) [107]	69'	24"	0.25%	107	-
106	Inlet Type"A"	See Detail Sheet SU2.1	R-3010	876.05		12" RCP 872.35 (W) [107]	14'	12"	0.31%	107	-
107	Type "C" Manhole	See Detail Sheet SU2.1	R-1772	876.32	24" RCP 868.20 (S) [105] 12" RCP 872.30 (E) [106]	24" RCP 868.20 (N) [109]	70'	24"	0.25%	109	-
108	Inlet Type"A"	See Detail Sheet SU2.1	R-3010	875.83		12" RCP 872.07 (W) [109]	14'	12"	0.31%	109	-
109	Type "C" Manhole	See Detail Sheet SU2.1	R-1772	876.10	12" RCP 872.03 (E) [108] 24" RCP 868.03 (S) [107]	24" RCP 868.03 (N) [110]	113'	24"	0.25%	110	-
110	Type "C" Manhole	See Detail Sheet SU2.1	R-3472	875.47	24" RCP 867.75 (S) [109]	24" RCP 867.75 (E) [111]	99'	24"	0.25%	111	-
111	Type "C" Manhole	See Detail Sheet SU2.1	R-3472	874.62	24" RCP 867.50 (W) [110]	24" RCP 867.50 (E) [113]	12'	24"	0.35%	113	-
112	Inlet Type "A"	See Detail Sheet SU2.1	R-3472	875.72		12" RCP 871.10 (N) [113]	77'	12"	0.31%	113	-
113	Type "J" Manhole	See Detail Sheet SU2.1	R-3472	874.62	12" RCP 870.87 (S) [112] 24" RCP 867.46 (W) [111] 15" RCP 868.72 (N) []	30" RCP 867.46 (E) [115]	211'	30"	0.35%	115	-
114	Inlet Type"A"	See Detail Sheet SU2.1	R-3010	875.26		12" RCP 871.58 (S) [115]	20'	12"	0.31%	115	-
115	Type "K" Manhole	See Detail Sheet SU2.1	R-1772	875.86	30" RCP 866.72 (W) [113] 12" RCP 871.52 (N) [114] 15" RCP 867.19 (NW) []	30" RCP 866.72 (E) [116]	85'	30"	0.35%	116	-
116	Type "J" Manhole	See Detail Sheet SU2.1	R-1772	877.13	30" RCP 866.42 (W) [115]	30" RCP 866.42 (SE) [117]	39'	30"	0.35%	117	-
117	Type "J" Manhole	See Detail Sheet SU2.1	R-1772	876.74	30" RCP 866.28 (NW) [116]	30" RCP 866.03 (E) []	3'	30"	0.35%		-

1



NORTH

60 0 60 120 180

GENERAL NOTES

1. SEE DRAWING GD0.1 FOR GENERAL NOTES.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY DEBOY LAND DEVELOPMENT SERVICES. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.

UTILITY LEGEND

OH	PROPOSED OVERHEAD ELECTRICAL LINE
UE	PROPOSED UNDERGROUND ELECTRICAL LINE
FP	PROPOSED FIRE PROTECTION LINE
G	PROPOSED GAS LINE
SAN	PROPOSED SANITARY SEWER LINE
ST	PROPOSED STORM SEWER LINE
RD	PROPOSED ROOF DRAIN
W	PROPOSED WATER LINE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
w	EXISTING WATER LINE
SS	EXISTING SANITARY SEWER
storm	EXISTING STORM SEWER
t	EXISTING TELEPHONE LINE
e	EXISTING ELECTRICAL LINE
oh	EXISTING OVERHEAD ELECTRICAL LINE
g	EXISTING GAS LINE

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MARK S. FISK REGISTERED No. 60870374 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: DBS
DRAWN BY: HHW
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

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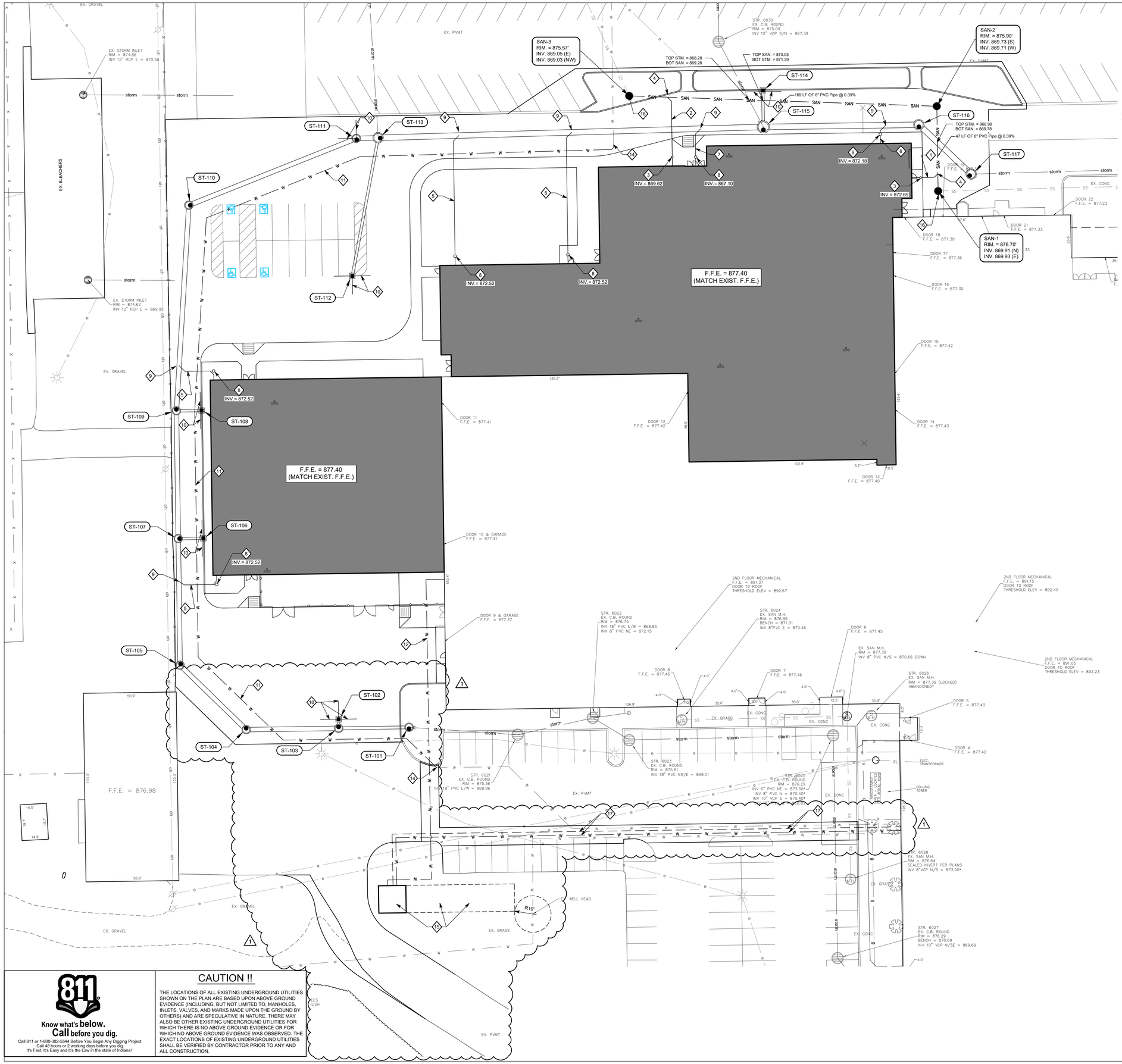
1	ADDENDUM 1	3/29/2022

OVERALL UTILITY PLAN

SU1.0



NORTH

20 0 20 40 60

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◇ UTILITY KEYNOTES

1. PROPOSED 6" SANITARY LATERAL @ 1.20% MIN. SLOPE
2. PROPOSED 8" SANITARY LATERAL @ 0.40% MIN. SLOPE
3. PROPOSED SANITARY CLEANOUT
4. PROPOSED SANITARY LATERAL WYE CONNECTION
5. PROPOSED 6" STORM ROOF DRAIN
6. PROPOSED 8" STORM ROOF DRAIN
7. PROPOSED 10" STORM ROOF DRAIN
8. PROPOSED STORM CLEANOUT
9. PROPOSED STORM ROOF DRAIN WYE CONNECTION
10. PROPOSED PAVEMENT UNDERDRAIN
11. PROPOSED 4" C900 PVC WATER LINE
12. 4" x 4" x 4" C900 PVC TEE
13. PROPOSED 8" C900 PVC WATER LINE
14. CONNECT TO EXISTING WATER LINE
15. PROPOSED FIRE PUMP HOUSE AND UNDERGROUND STORED WATER SUPPLY TANK (SEE PLUMBING SITE PLAN) 1
16. LOCATION OF PROPOSED SANITARY MANHOLE. CONTRACTOR TO VERIFY INVERT OF EXISTING 8" SANITARY SEWER PRIOR TO CONSTRUCTION (VIA POTHOLING).
17. 4" C900 PVC WATER LINE AND CONDUIT TO PUMP HOUSE (EXISTING WATER LINES TO REMAIN - FIELD VERIFY LOCATION AND COORDINATE LOCATION OF PROPOSED LINES WITH ENGINEER) 1

UTILITY LEGEND

- OH — PROPOSED OVERHEAD ELECTRICAL LINE
- UE — PROPOSED UNDERGROUND ELECTRICAL LINE
- FP — PROPOSED FIRE PROTECTION LINE
- G — PROPOSED GAS LINE
- SAN — PROPOSED SANITARY SEWER LINE
- ST — PROPOSED STORM SEWER LINE
- RD — PROPOSED ROOF DRAIN
- W — PROPOSED WATER LINE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- w — EXISTING WATER LINE
- ss — EXISTING SANITARY SEWER
- storm — EXISTING STORM SEWER
- t — EXISTING TELEPHONE LINE
- e — EXISTING ELECTRICAL LINE
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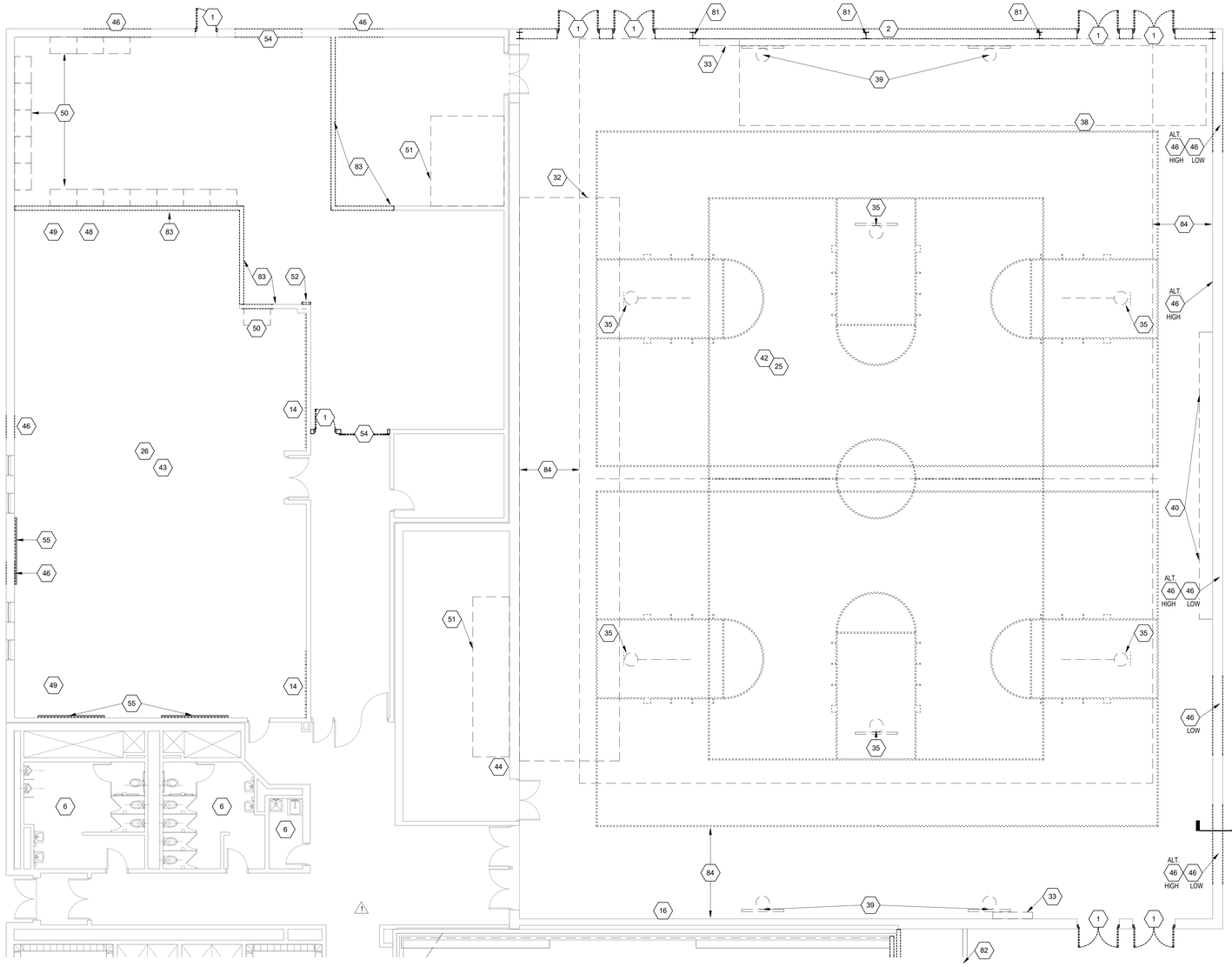
UTILITY PLAN

SU1.1



UNIT B - FIRST FLOOR DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A/I.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

A. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
B. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
C. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
D. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN.) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
E. WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
F. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
G. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
H. COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
I. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
J. CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
K. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
L. OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
M. ITEMS TO BE PATCHED, REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
N. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
O. "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS: 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
P. ITEMS MADE OBSOLETE TO ACCOMMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED.
Q. ITEMS TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY.
R. AFTER THE REMPOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/ PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
S. ALL EXISTING WALL MOUNTED TV'S AND BRACKETS ARE TO BE REMOVED AND REPAIR WALLS BY OWNER.
T. IF VAT REMAINS UNDER CARPET TO BE REMOVED, THE VAT WILL BE REMOVED BY OWNER.
U. ANY UNUSED PLASTIC LAMINATE CABINETS/ COUNTERTOPS SHALL BE REMOVED.

DEMOLITION PLAN NOTES

X

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
29. REMOVE METAL PANEL CEILING IN ITS ENTIRETY.
30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
36. EXISTING OVERHEAD COLUMNS TO REMAIN.
37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
38. REMOVE BATTING CAGE AND SUSPENSION SYSTEM, ALONG WITH ALL RELATED ACCESSORIES.
39. REMOVE EXISTING WALL MOUNTED BASKETBALL GOALS.
40. REMOVE EXISTING CURTAIN, PIPE, AND SUPPORTS AT NORTH WALL.
41. REMOVE SCOREBOARD NETTING.
42. REMOVE EXISTING VENTED RESILIENT BASE.
43. REMOVE EXISTING ATHLETIC SHEET FLOORING.
44. REMOVE EXISTING WALL MOUNTED VOLLEYBALL RACK.
45. PROVIDE NEW OPENING IN INTERIOR TO ACCOMMODATE NEW OPENING.
46. PROVIDE NEW OPENING IN EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
47. REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME IS TO REMAIN.
48. REMOVE EXISTING WEIGHT ROOM SIGNAGE AND TURN OVER TO OWNER.
49. EXISTING MONITOR AND SOUND EQUIPMENT TO BE REMOVED BY OWNER.
50. EXISTING WOOD CABINETS TO BE RELOCATED BY OWNER.
51. REMOVE EXISTING WOOD CONSTRUCTION STORAGE ROOM IN ITS ENTIRETY.
52. REMOVE & SALVAGE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RELOCATED.
53. REMOVE EXISTING WIDE FLANGE COLUMNS. REFER TO STRUCTURAL.
54. REMOVE EXISTING COILING OVERHEAD DOOR.
55. REMOVE MARKERBOARD/ TACKBOARD AND PATCH AND REPAIR WALL AS NECESSARY TO ACCOMODATE NEW CONSTRUCTION.
56. REMOVE EXISTING POOL CURB AND GUTTER. REFER TO POOL DRAWINGS AND STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
57. REMOVE AND SALVAGE EXISTING ALUMINUM POOL BLEACHERS AND RELOCATE TO EXTERIOR PER OWNER'S DIRECTION.
58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-0" +/-.
62. REMAVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE
65. REMOVE TRENCH DRAINS. REFER TO PLUMBING.
66. REMOVE EXISTING MEZZANINE, FLOOR, STRUCTURE, ETC IN ITS ENTIRETY.
67. REMOVE PROJECTION SCREEN AND TURN OVER TO OWNER.
68. REMOVE SINK, REFER TO PLUMBING.
69. REMOVE DISHWASHER, REFER TO PLUMBING.
70. CABINETRY TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
71. REMOVE EXISTING PLASTIC LAMINATE CASEWORK.
72. REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED FRAMING.
73. OVERHEAD PROJECTOR TO BE REMOVED BY OWNER.
74. REMOVE WOOD SHELVING.
75. REMOVE EXISTING CEILING BULKHEAD AND ALL ASSOCIATED FRAMING.
76. TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
77. REMOVE EXISTING CABINET. TURN EXTINGUISHER OVER TO OWNER.
78. REMOVE ALL CABINETS.
79. REMOVE COUTNERTOP AND SUPPORTS.
80. REMOVE EXISTING PEGBOARD.
81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
82. EXISTING AERIAL WAY TO REMAIN.
83. REMOVE EXISTING MASONRY WALL TO 2" BELOW FINISH FLOOR. PROVIDE SELF- LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM 8160). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE.
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM

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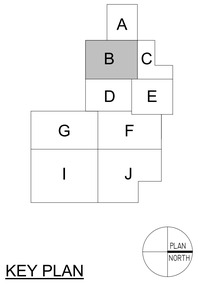
KEY PLAN



CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1		

UNIT B - DEMOLITION PLAN

AD.01

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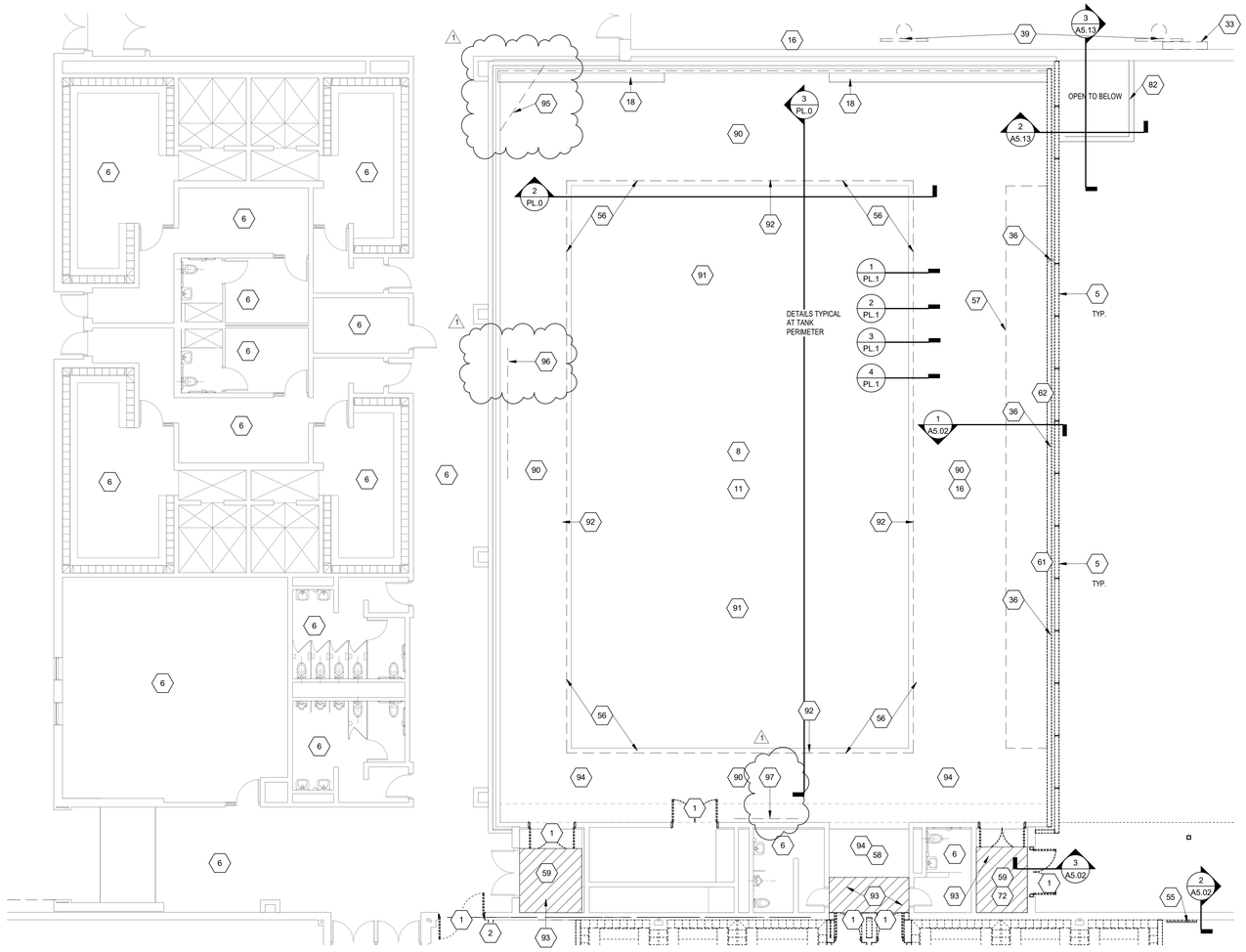

UNIT D - FIRST FLOOR DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A8.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE AD.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
29. REMOVE METAL PANEL CEILING IN ITS ENTIRETY.
30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
36. EXISTING OVERHEAD COLUMNS TO REMAIN.
37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
38. REMOVE BATTING CAGE AND SUSPENSION SYSTEM, ALONG WITH ALL RELATED ACCESSORIES.
39. REMOVE EXISTING WALL MOUNTED BASKETBALL GOALS.
40. REMOVE EXISTING CURTAIN, PIPE, AND SUPPORTS AT NORTH WALL.
41. REMOVE SCOREBOARD NETTING.
42. REMOVE EXISTING VENTED RESILIENT BASE.
43. REMOVE EXISTING ATHLETIC SHEET FLOORING.
44. REMOVE EXISTING WALL MOUNTED VOLLEYBALL RACK.
45. PROVIDE NEW OPENING IN INTERIOR TO ACCOMMODATE NEW OPENING.
46. PROVIDE NEW OPENING IN EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
47. REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME IS TO REMAIN.
48. REMOVE EXISTING WEIGHT ROOM SIGNAGE AND TURN OVER TO OWNER.
49. EXISTING MONITOR AND SOUND EQUIPMENT TO BE REMOVED BY OWNER.
50. EXISTING WOOD CABINETS TO BE RELOCATED BY OWNER.
51. REMOVE EXISTING WOOD CONSTRUCTION STORAGE ROOM IN ITS ENTIRETY.
52. REMOVE & SALVAGE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RELOCATED.
53. REMOVE EXISTING WIDE FLANGE COLUMNS. REFER TO STRUCTURAL.
54. REMOVE EXISTING COILING OVERHEAD DOOR.
55. REMOVE MARKERBOARD/ TACKBOARD AND PATCH AND REPAIR WALL AS NECESSARY TO ACCOMODATE NEW CONSTRUCTION.
56. REMOVE EXISTING POOL CURB AND GUTTER. REFER TO POOL DRAWINGS AND STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
57. REMOVE AND SALVAGE EXISTING ALUMINUM POOL BLEACHERS AND RELOCATE TO EXTERIOR PER OWNER'S DIRECTION.
58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-0" +/-.
62. REMOVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE
65. REMOVE TRENCH DRAINS. REFER TO PLUMBING.
66. REMOVE EXISTING MEZZANINE, FLOOR, STRUCTURE, ETC IN ITS ENTIRETY.
67. REMOVE PROJECTION SCREEN AND TURN OVER TO OWNER.
68. REMOVE SINK, REFER TO PLUMBING.
69. REMOVE DISHWASHER, REFER TO PLUMBING.
70. CABINETRY TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
71. REMOVE EXISTING PLASTIC LAMINATE CASEWORK.
72. REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED FRAMING.
73. OVERHEAD PROJECTOR TO BE REMOVED BY OWNER.
74. REMOVE WOOD SHELVING.
75. REMOVE EXISTING CEILING BULKHEAD AND ALL ASSOCIATED FRAMING.
76. TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
77. REMOVE EXISTING CABINET. TURN EXTINGUISHER OVER TO OWNER.
78. REMOVE ALL CABINETS.
79. REMOVE COUTNERTOP AND SUPPORTS.
80. REMOVE EXISTING PEGBOARD.
81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
82. EXISTING AERIAL WAY TO REMAIN.
83. REMOVE EXISTING MASONRY WALL TO 2' BELOW FINISH FLOOR. PROVIDE SELF- LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM 8760). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE.
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

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A B C D E F G I J

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

WILLIAM E. PAINE — NEW STRAITSVILLE — No. 4169 — STATE OF INDIANA — ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

UNIT D - DEMOLITION PLAN

AD.02

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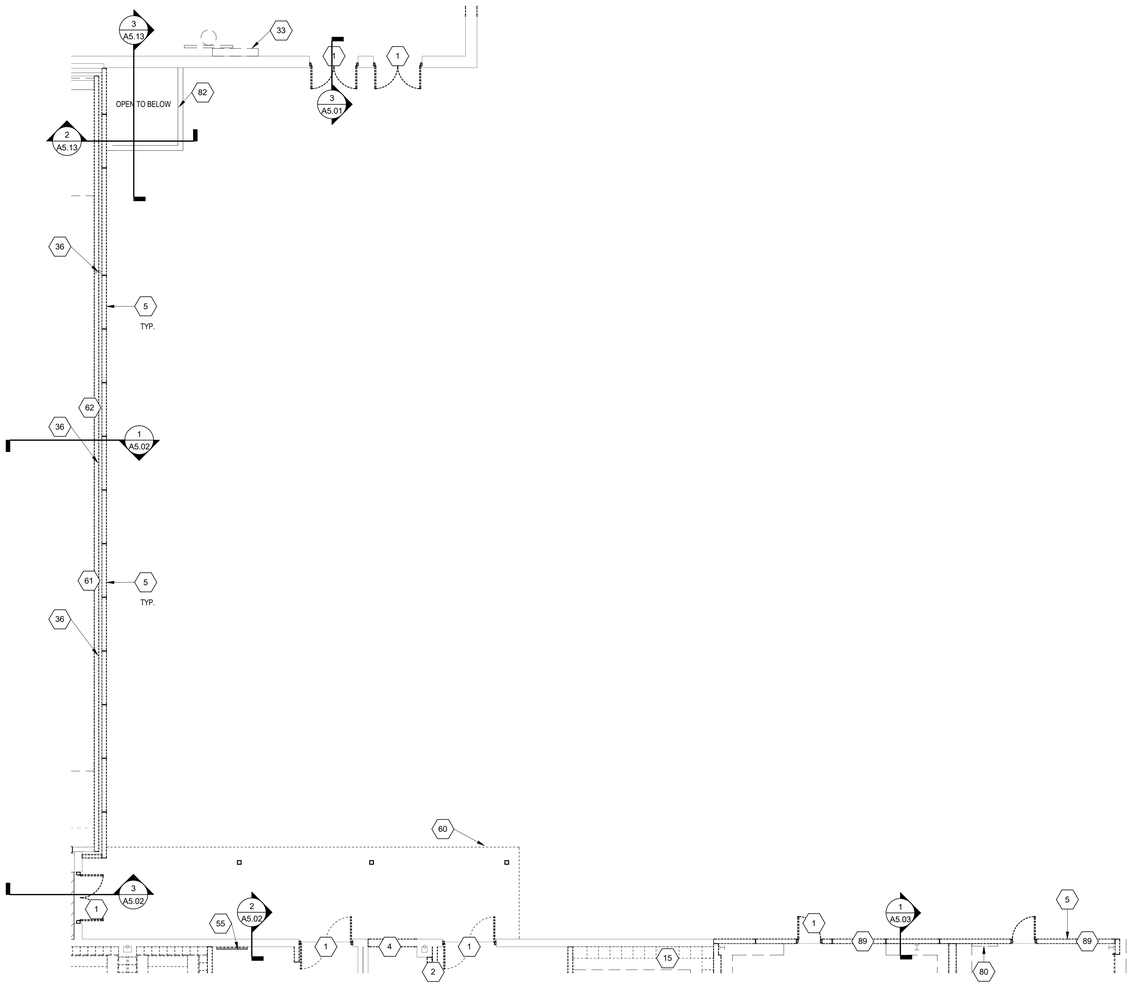

UNIT E - FIRST FLOOR DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A/A.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE AD.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

X

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
29. REMOVE METAL PANEL CEILING IN ITS ENTIRETY.
30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
36. EXISTING OVERHEAD COLUMNS TO REMAIN.
37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
38. REMOVE BATTING CAGE AND SUSPENSION SYSTEM, ALONG WITH ALL RELATED ACCESSORIES.
39. REMOVE EXISTING WALL MOUNTED BASKETBALL GOALS.
40. REMOVE EXISTING CURTAIN, PIPE, AND SUPPORTS AT NORTH WALL.
41. REMOVE SCOREBOARD NETTING.
42. REMOVE EXISTING VENTED RESILIENT BASE.
43. REMOVE EXISTING ATHLETIC SHEET FLOORING.
44. REMOVE EXISTING WALL MOUNTED VOLLEYBALL RACK.
45. PROVIDE NEW OPENING IN INTERIOR TO ACCOMMODATE NEW OPENING.
46. PROVIDE NEW OPENING IN EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
47. REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME IS TO REMAIN.
48. REMOVE EXISTING WEIGHT ROOM SIGNAGE AND TURN OVER TO OWNER.
49. EXISTING MONITOR AND SOUND EQUIPMENT TO BE REMOVED BY OWNER.
50. EXISTING WOOD CABINETS TO BE RELOCATED BY OWNER.
51. REMOVE EXISTING WOOD CONSTRUCTION STORAGE ROOM IN ITS ENTIRETY.
52. REMOVE & SALVAGE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RELOCATED.
53. REMOVE EXISTING WIDE FLANGE COLUMNS. REFER TO STRUCTURAL.
54. REMOVE EXISTING COILING OVERHEAD DOOR.
55. REMOVE MARKERBOARD/ TACKBOARD AND PATCH AND REPAIR WALL AS NECESSARY TO ACCOMODATE NEW CONSTRUCTION.
56. REMOVE EXISTING POOL CURB AND GUTTER. REFER TO POOL DRAWINGS AND STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
57. REMOVE AND SALVAGE EXISTING ALUMINUM POOL BLEACHERS AND RELOCATE TO EXTERIOR PER OWNER'S DIRECTION.
58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-0" +/-.
62. REMOVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE.
65. REMOVE TRENCH DRAINS. REFER TO PLUMBING.
66. REMOVE EXISTING MEZZANINE, FLOOR, STRUCTURE, ETC IN ITS ENTIRETY.
67. REMOVE PROJECTION SCREEN AND TURN OVER TO OWNER.
68. REMOVE SINK, REFER TO PLUMBING.
69. REMOVE DISHWASHER, REFER TO PLUMBING.
70. CABINETRY TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
71. REMOVE EXISTING PLASTIC LAMINATE CASEWORK.
72. REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED FRAMING.
73. OVERHEAD PROJECTOR TO BE REMOVED BY OWNER.
74. REMOVE WOOD SHELVING.
75. REMOVE EXISTING CEILING BULKHEAD AND ALL ASSOCIATED FRAMING.
76. TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
77. REMOVE EXISTING CABINET. TURN EXTINGUISHER OVER TO OWNER.
78. REMOVE ALL CABINETS.
79. REMOVE COUTNERTOP AND SUPPORTS.
80. REMOVE EXISTING PEGBOARD.
81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
82. EXISTING AERIAL WAY TO REMAIN.
83. REMOVE EXISTING MASONRY WALL TO 2" BELOW FINISH FLOOR. PROVIDE SELF- LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM 0102). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

1

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ARCHITECT

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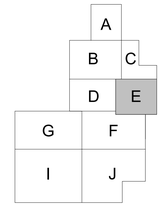

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1		

UNIT E - DEMOLITION PLAN

AD.03

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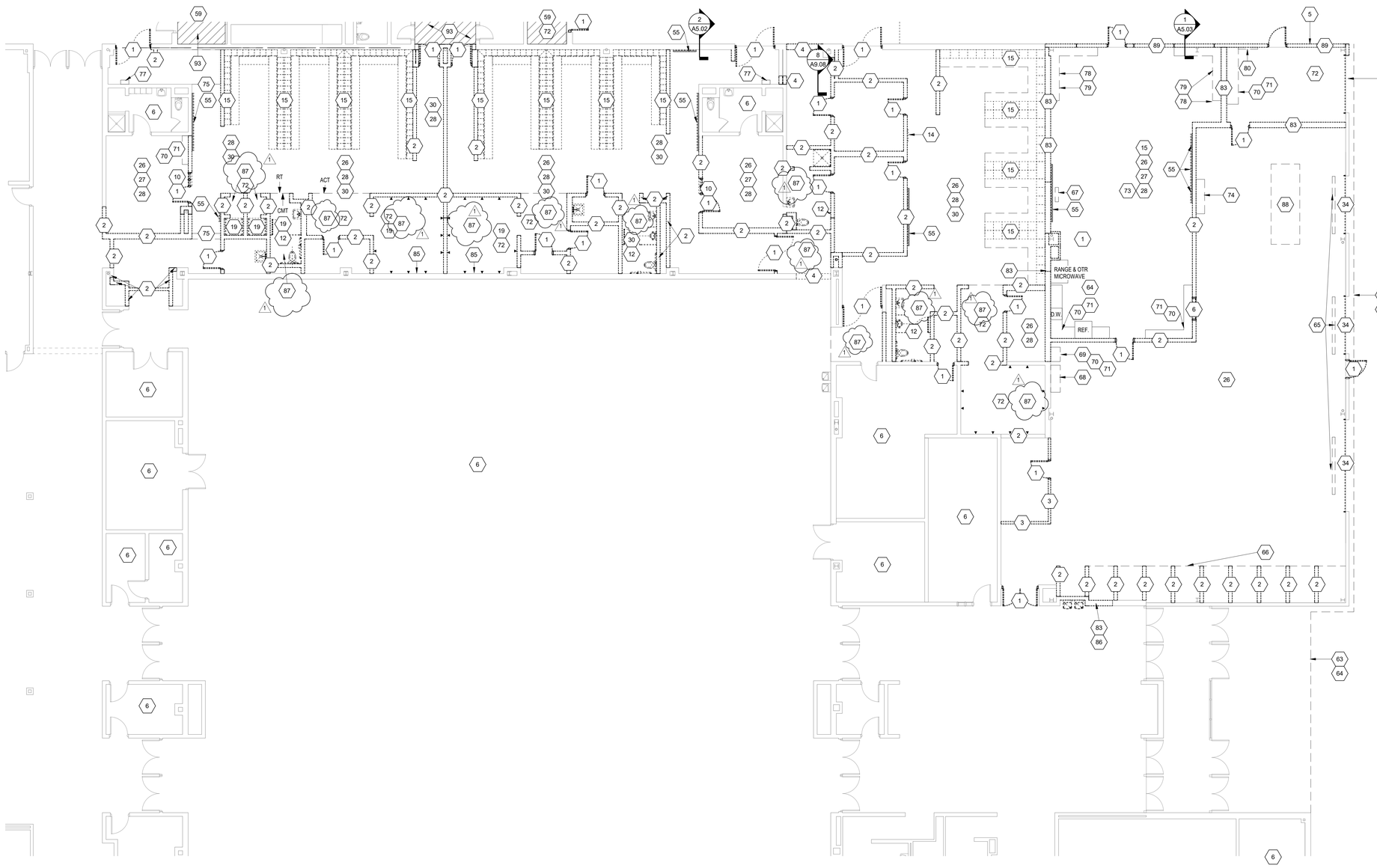

UNIT F - FIRST FLOOR DEMOLITION PLAN

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

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A8.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE AD.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
29. REMOVE METAL PANEL CEILING IN ITS ENTIRETY.
30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
36. EXISTING OVERHEAD COLUMNS TO REMAIN.
37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
38. REMOVE BATTING CAGE AND SUSPENSION SYSTEM, ALONG WITH ALL RELATED ACCESSORIES.
39. REMOVE EXISTING WALL MOUNTED BASKETBALL GOALS.
40. REMOVE EXISTING CURTAIN, PIPE, AND SUPPORTS AT NORTH WALL.
41. REMOVE SCOREBOARD NETTING.
42. REMOVE EXISTING VENTED RESILIENT BASE.
43. REMOVE EXISTING ATHLETIC SHEET FLOORING.
44. REMOVE EXISTING WALL MOUNTED VOLLEYBALL RACK.
45. PROVIDE NEW OPENING IN INTERIOR TO ACCOMMODATE NEW OPENING.
46. PROVIDE NEW OPENING IN EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
47. REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME IS TO REMAIN.
48. REMOVE EXISTING WEIGHT ROOM SIGNAGE AND TURN OVER TO OWNER.
49. EXISTING MONITOR AND SOUND EQUIPMENT TO BE REMOVED BY OWNER.
50. EXISTING WOOD CABINETS TO BE RELOCATED BY OWNER.
51. REMOVE EXISTING WOOD CONSTRUCTION STORAGE ROOM IN ITS ENTIRETY.
52. REMOVE & SALVAGE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RELOCATED.
53. REMOVE EXISTING WIDE FLANGE COLUMNS. REFER TO STRUCTURAL.
54. REMOVE EXISTING COILING OVERHEAD DOOR.
55. REMOVE MARKERBOARD/ TACKBOARD AND PATCH AND REPAIR WALL AS NECESSARY TO ACCOMODATE NEW CONSTRUCTION.
56. REMOVE EXISTING POOL CURB AND GUTTER. REFER TO POOL DRAWINGS AND STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
57. REMOVE AND SALVAGE EXISTING ALUMINUM POOL BLEACHERS AND RELOCATE TO EXTERIOR PER OWNER'S DIRECTION.
58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-9" +/-.
62. REMOVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE.
65. REMOVE TRENCH DRAINS. REFER TO PLUMBING.
66. REMOVE EXISTING MEZZANINE, FLOOR, STRUCTURE, ETC IN ITS ENTIRETY.
67. REMOVE PROJECTION SCREEN AND TURN OVER TO OWNER.
68. REMOVE SINK, REFER TO PLUMBING.
69. REMOVE DISHWASHER, REFER TO PLUMBING.
70. CABINETRY TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
71. REMOVE EXISTING PLASTIC LAMINATE CASEWORK.
72. REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED FRAMING.
73. OVERHEAD PROJECTOR TO BE REMOVED BY OWNER.
74. REMOVE WOOD SHELVING.
75. REMOVE EXISTING CEILING BULKHEAD AND ALL ASSOCIATED FRAMING.
76. TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
77. REMOVE EXISTING CABINET. TURN EXTINGUISHER OVER TO OWNER.
78. REMOVE ALL CABINETS.
79. REMOVE COUTNERTOP AND SUPPORTS.
80. REMOVE EXISTING PEGBOARD.
81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
82. EXISTING AERIAL WAY TO REMAIN.
83. REMOVE EXISTING MASONRY WALL TO 2" BELOW FINISH FLOOR. PROVIDE SELF- LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM B150). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

A B C D E F G I J

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/16/15

UNIT F - DEMOLITION PLAN

AD.04

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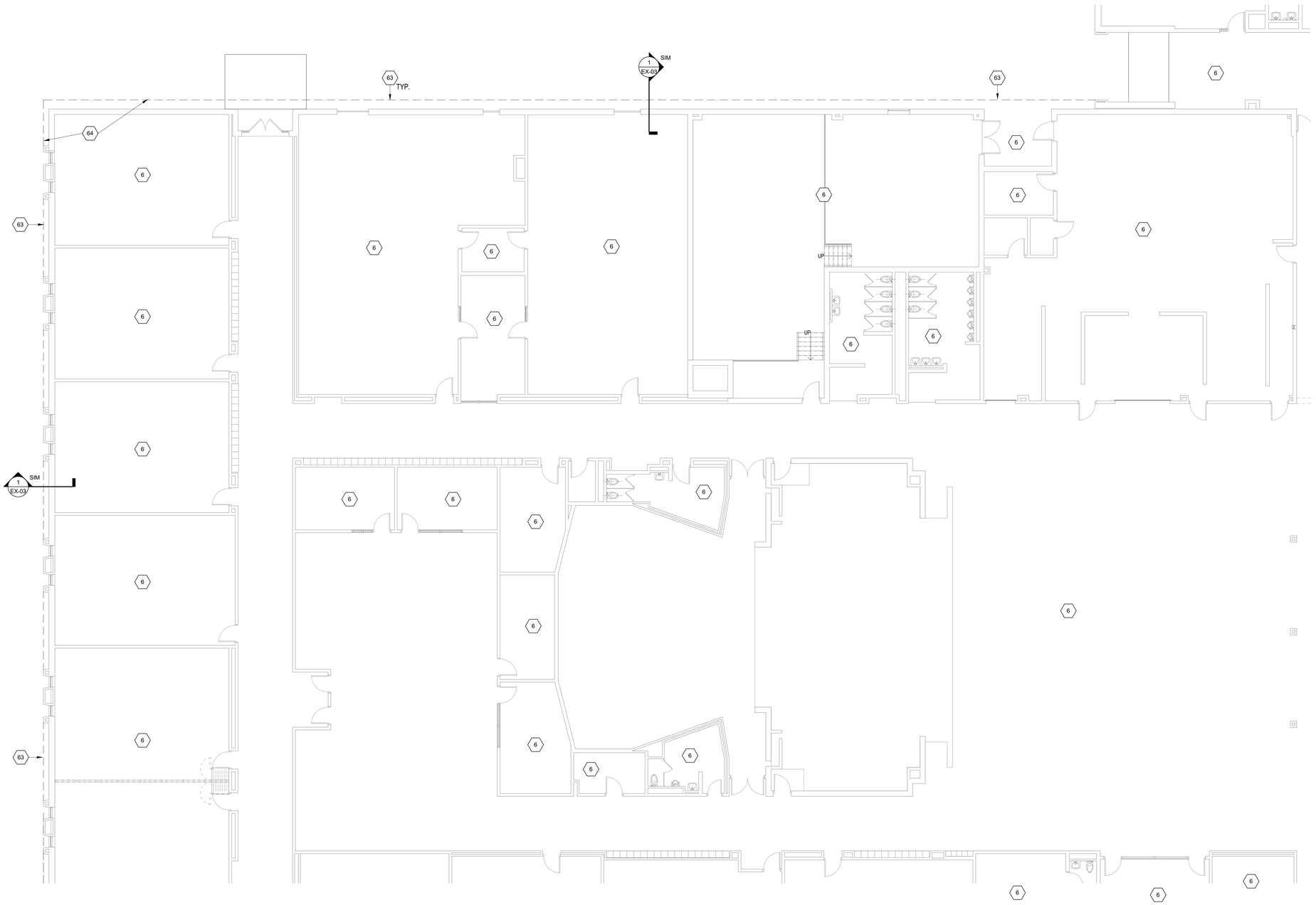

UNIT G - FIRST FLOOR DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A8.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE AD.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

X

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
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30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
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37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
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58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-0" +/-.
62. REMOVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE.
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81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
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83. REMOVE EXISTING MASONRY WALL TO 2" BELOW FINISH FLOOR. PROVIDE SELF- LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM 8.150). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE.
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

1

VERIFICATION NOTE

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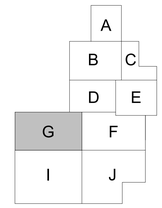

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT G - DEMOLITION PLAN

AD.05

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UNIT I - DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A8.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE AD.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

X

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
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5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
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25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
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32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
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40. REMOVE EXISTING CURTAIN, PIPE, AND SUPPORTS AT NORTH WALL.
41. REMOVE SCOREBOARD NETTING.
42. REMOVE EXISTING VENTED RESILIENT BASE.
43. REMOVE EXISTING ATHLETIC SHEET FLOORING.
44. REMOVE EXISTING WALL MOUNTED VOLLEYBALL RACK.
45. PROVIDE NEW OPENING IN INTERIOR TO ACCOMMODATE NEW OPENING.
46. PROVIDE NEW OPENING IN EXTERIOR WALL AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
47. REMOVE EXISTING HOLLOW METAL DOOR. EXISTING FRAME IS TO REMAIN.
48. REMOVE EXISTING WEIGHT ROOM SIGNAGE AND TURN OVER TO OWNER.
49. EXISTING MONITOR AND SOUND EQUIPMENT TO BE REMOVED BY OWNER.
50. EXISTING WOOD CABINETS TO BE RELOCATED BY OWNER.
51. REMOVE EXISTING WOOD CONSTRUCTION STORAGE ROOM IN ITS ENTIRETY.
52. REMOVE & SALVAGE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RELOCATED.
53. REMOVE EXISTING WIDE FLANGE COLUMNS. REFER TO STRUCTURAL.
54. REMOVE EXISTING COILING OVERHEAD DOOR.
55. REMOVE MARKERBOARD/ TACKBOARD AND PATCH AND REPAIR WALL AS NECESSARY TO ACCOMODATE NEW CONSTRUCTION.
56. REMOVE EXISTING POOL CURB AND GUTTER. REFER TO POOL DRAWINGS AND STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
57. REMOVE AND SALVAGE EXISTING ALUMINUM POOL BLEACHERS AND RELOCATE TO EXTERIOR PER OWNER'S DIRECTION.
58. EXISTING FLOOR TILE TO REMAIN. REFER TO FINISH AND POOL DRAWINGS FOR SETTING METHOD OF NEW POOL TILE.
59. REMOVE EXISTING CERAMIC WALL BASE.
60. REMOVE EXISTING CANOPY STRUCTURE IN ITS ENTIRETY INCLUDING ROOF, STRUCTURE, COLUMNS, FOUNDATION, ETC.
61. REMOVE EXISTING CERAMIC TILE WAINSCOT 8'-0" +/-.
62. REMOVE EXISTING METAL STUD WALL WITH PLASTER IN ITS ENTIRETY.
63. REFER TO DRAWING A0.02 FOR EXTENTS OF REPAIR AT EXISTING PRECAST RIBS.
64. METAL ENCLOSURE AT PRECAST RIBS IS TO BE AN ALTERNATE
65. REMOVE TRENCH DRAINS. REFER TO PLUMBING.
66. REMOVE EXISTING MEZZANINE, FLOOR, STRUCTURE, ETC IN ITS ENTIRETY.
67. REMOVE PROJECTION SCREEN AND TURN OVER TO OWNER.
68. REMOVE SINK. REFER TO PLUMBING.
69. REMOVE DISHWASHER. REFER TO PLUMBING.
70. CABINETRY TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
71. REMOVE EXISTING PLASTIC LAMINATE CASEWORK.
72. REMOVE EXISTING PLASTER CEILING AND ALL ASSOCIATED FRAMING.
73. OVERHEAD PROJECTOR TO BE REMOVED BY OWNER.
74. REMOVE WOOD SHELVING.
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76. TO BE RELOCATED. REFER TO EQUIPMENT PLANS.
77. REMOVE EXISTING CABINET. TURN EXTINGUISHER OVER TO OWNER.
78. REMOVE ALL CABINETS.
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80. REMOVE EXISTING PEGBOARD.
81. REMOVE EXISTING WIDE FLANGE COLUMNS, REFER TO STRUCTURAL.
82. EXISTING AERIAL WAY TO REMAIN.
83. REMOVE EXISTING MASONRY WALL TO 2' BELOW FINISH FLOOR. PROVIDE SELF - LEVELING UNDERLAYMENT TO PROVIDE A SMOOTH AND UNIFORM SURFACE FOR NEW FINISH FLOOR.
84. REMOVE EXISTING MAPLE FLOOR AND SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW RESILIENT ATHLETIC FLOOR. REFER TO FLOOR, EQUIPMENT, AND FINISH PLANS FOR EXTENTS.
85. REMOVE EXISTING CERAMIC WALL TILE TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES.
86. SALVAGE BRICK TO REUSE FOR PATCHING IN NEW ALCOVE.
87. REMOVE CERAMIC FLOOR TILE, RESILIENT BASE, THICKSET, AND ALUMINUM THRESHOLD. PREP AND PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISHES.
88. REMOVE IN-GROUND LIFT TO BE RELOCATED TO AG LAB (RM 8.150). PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH.
89. REMOVE INTERIOR WALL CONSTRUCTION.
90. EXISTING POOL DECK TILE TO REMAIN. NEW TILE TO GO OVER TOP EXISTING DECK TILE.
91. EXISTING POOL TANK BOTTOM TILE TO REMAIN. NEW TILE TO GO OVER TOP OF EXISTING TANK BOTTOM TILE.
92. REMOVE EXISTING TANK TILE (VERTICAL) AND MUDSET, PREP WALLS AS REQUIRED TO RECEIVE NEW CMT AND MAINTAIN POOL DIMENSIONS.
93. REMOVE EXISTING DECK TILE AND MUDSET. PREP FLOOR AS REQUIRED TO RECEIVE NEW CMT TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW CMT AT EXISTING DOORS.
94. REMOVE EXISTING CERAMIC TILE WALL BASE THAT WAS ADDED OVERLAPPED THE ORIGINAL CERAMIC WALL TILE.

1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

A
B C
D E
G F
I J

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT I - DEMOLITION PLAN

AD.06

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UNIT J - DEMOLITION PLAN

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

1

95. REFER TO ELECTRICAL FOR DEMOLITION OF POOL SCOREBOARD
96. REMOVE AND RELOCATE RECORD BOARD. REFER TO INTERIOR ELEVATION 3-A8.10 FOR LOCATION.
97. REMOVE OLD RECORD BOARD AND TURN OVER TO OWNER.

ARCHITECTURAL DEMOLITION GENERAL NOTES

SEE A0.01 FOR ARCHITECTURAL DEMOLITION GENERAL NOTES.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. REMOVE DOOR AND FRAME ALONG WITH ANY RELATED ACCESSORIES.
2. REMOVE MASONRY WALL CONSTRUCTION ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
3. REMOVE METAL STUD WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
4. PROVIDE OPENING IN MASONRY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PROVIDE SELF LEVELING UNDERLAYMENT WHERE EXISTING WALLS WERE DEMOLISHED TO ACCOMMODATE NEW FLOOR FINISH. REFER TO FLOOR PLAN FOR EXTENTS.
5. REMOVE PRECAST CONCRETE PANEL WALL CONSTRUCTION, ALONG WITH ALL RELATED ACCESSORIES. COORDINATE WITH M.E.P.T. SERIES DRAWINGS FOR RELOCATION OF M.E.P.T. ITEMS.
6. NO ARCHITECTURAL DEMO IN THIS ROOM.
7. REMOVE WINDOW SYSTEM/ ALUMINUM STOREFRONT OR CURTAIN WALL, ALONG WITH ALL RELATED ACCESSORIES.
8. REMOVE SPLINE ACOUSTIC GRID CEILING.
9. REMOVE GYPSUM WALL BOARD BULKHEAD AND ASSOCIATED FRAMING IN ITS ENTIRETY.
10. REMOVE SINGLE GLAZED WINDOW/ DOOR SYSTEM.
11. REMOVE AND SALVAGE EXISTING POOL DECK EQUIPMENT UNLESS NOTED OTHERWISE.
12. REMOVE TOILET PARTITIONS ALONG WITH ALL RELATED ACCESSORIES.
13. REMOVE SOAP DISPENSERS, GRAB BARS, ROLL HOLDERS, NAPKIN DISPENSERS, AND TOWEL DISPENSERS, ALONG WITH ALL RELATED ACCESSORIES.
14. REMOVE MIRRORS.
15. REMOVE METAL LOCKERS, CONCRETE BENCH AND CMU BASE.
16. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF WATER COOLER AND RELATED ACCESSORIES.
17. REFER TO PLUMBING SERIES DRAWINGS FOR REMOVAL OF SHOWER HEAD AND RELATED ACCESSORIES.
18. EXISTING POOL BENCH TO REMAIN.
19. REMOVE CERAMIC FLOOR TILE, CURB, BENCH, AND BASE. PREP TO RECEIVE FINISHES.
20. EXISTING CARPET AND BASE TO REMAIN.
21. EXISTING VCT AND BASE TO REMAIN.
22. EXISTING TERRAZO TO REMAIN.
23. EXISTING CARPET TILE TO REMAIN.
24. EXISTING FLOOR EXPANSION JOINT TO REMAIN.
25. EXISTING MAPLE FLOORING TO BE REFINISHED
26. REMOVE RESILIENT BASE.
27. REMOVE VCT FLOORING AND PREP TO RECEIVE NEW FLOORING.
28. REMOVE 2X4 LAY-IN ACOUSTICAL CEILING GRID AND SUSPENSION SYSTEM IN ITS ENTIRETY.
29. REMOVE METAL PANEL CEILING IN ITS ENTIRETY.
30. REMOVE RUBBER FLOOR TILE AND PREP TO RECEIVE NEW FLOORING.
31. REMOVE CMT FLOORING AND PREP TO RECEIVE NEW FLOORING.
32. REMOVE TELESCOPING BLEACHER IN ITS ENTIRETY.
33. REMOVE SCOREBOARD AND TURN OVER TO THE OWNER.
34. REMOVE OVERHEAD DOOR, TRACK, AND ALL RELATED ACCESSORIES.
35. REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE AND ALL RELATED ACCESSORIES.
36. EXISTING OVERHEAD COLUMNS TO REMAIN.
37. REMOVE GYM DIVIDER NET, ALONG WITH ALL RELATED ACCESSORIES.
38. REMOVE BATTING CAGE AND SUSPENSION SYSTEM, ALONG WITH ALL RELATED ACCESSORIES.
39. REMOVE EXISTING WALL MOUNTED BASKETBALL GOALS.
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8345 STATE ROUTE 19, AKRON, IN 46910

TIPPECANOE VALLEY SCHOOL CORPORATION

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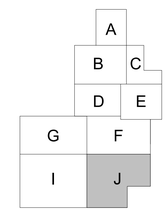
FANNING HOWEY

317-848-0966 WWW.FHAI.COM

350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204



KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1		

UNIT J - DEMOLITION PLAN

AD.07

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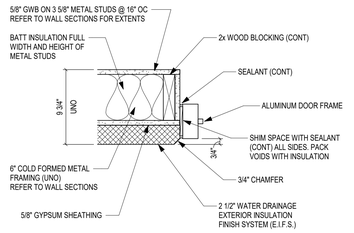
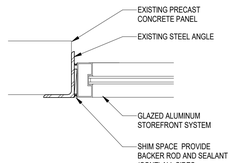


J19 JAMB (MEZZANINE)

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



J20 JAMB

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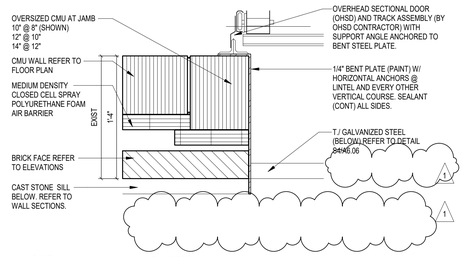

J13 JAMB

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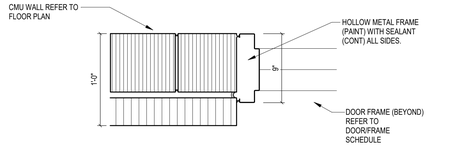

J14 JAMB

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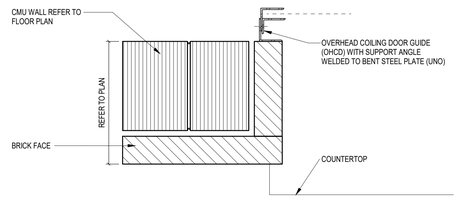

J15 JAMB

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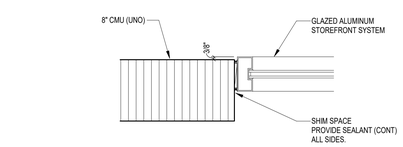

J16 JAMB

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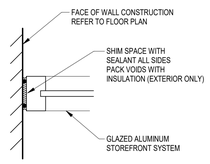

J17 JAMB

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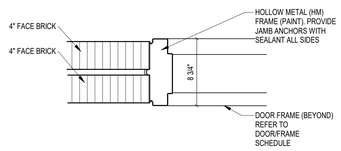

J18 JAMB

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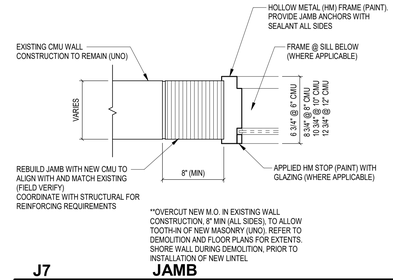

J7 JAMB

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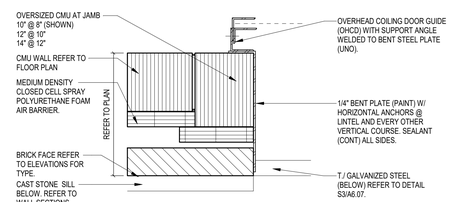
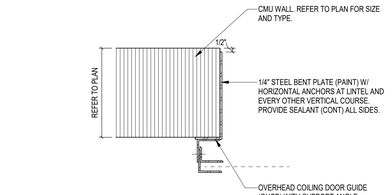


J8 JAMB

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



J9 JAMB

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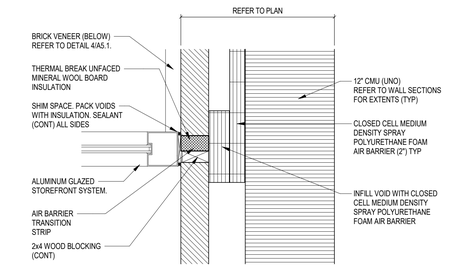

J10 JAMB

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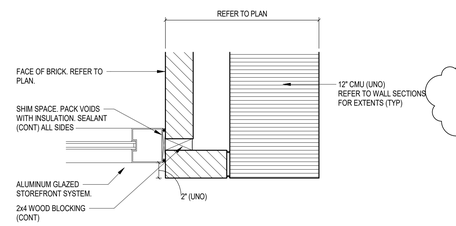

J11 JAMB

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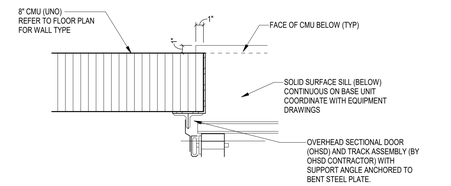
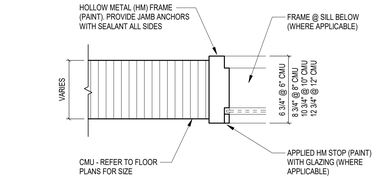


J12 JAMB

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



J1 JAMB

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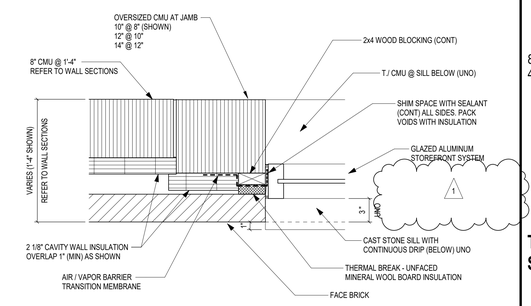

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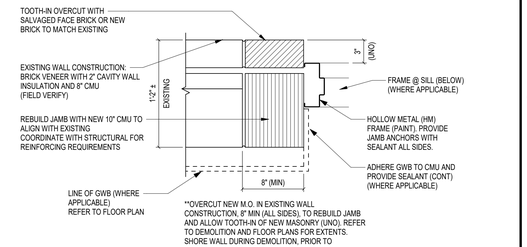

J3 JAMB

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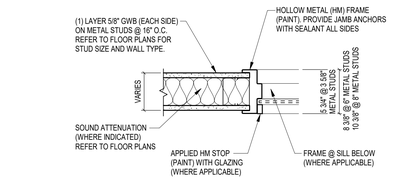
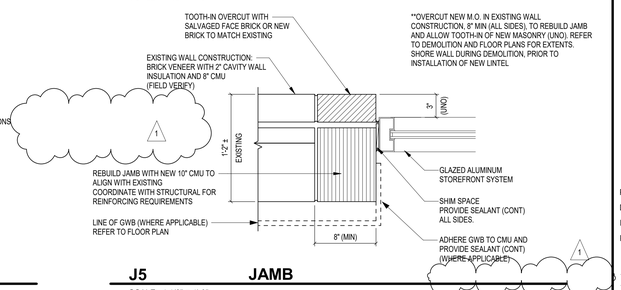


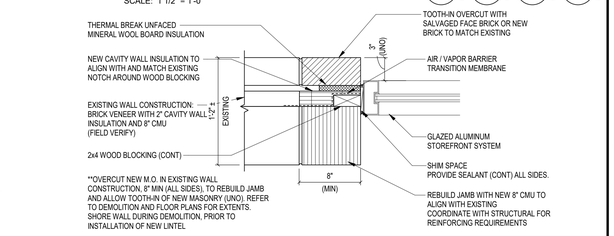
J4 JAMB

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



J5 JAMB

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



J6 JAMB

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

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ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM

350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

JAMB DETAILS

A6.04

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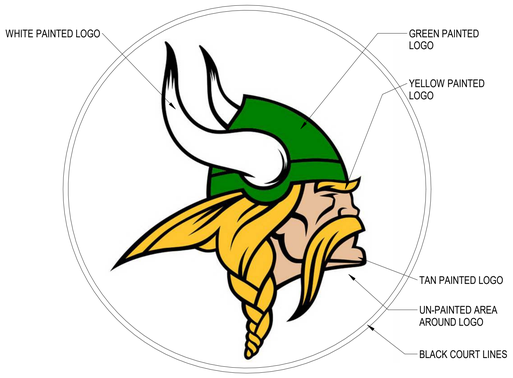
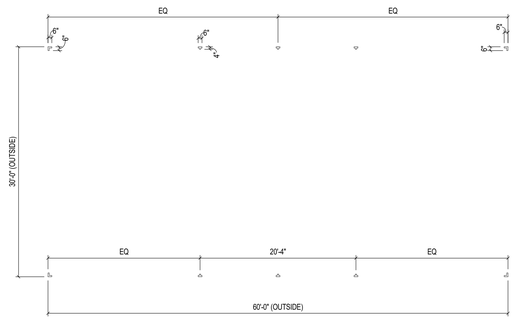


NOTE: OWNER WILL PROVIDE FINAL GRAPHIC FOR COURT LOGO

7 BASKETBALL COURT LOGO

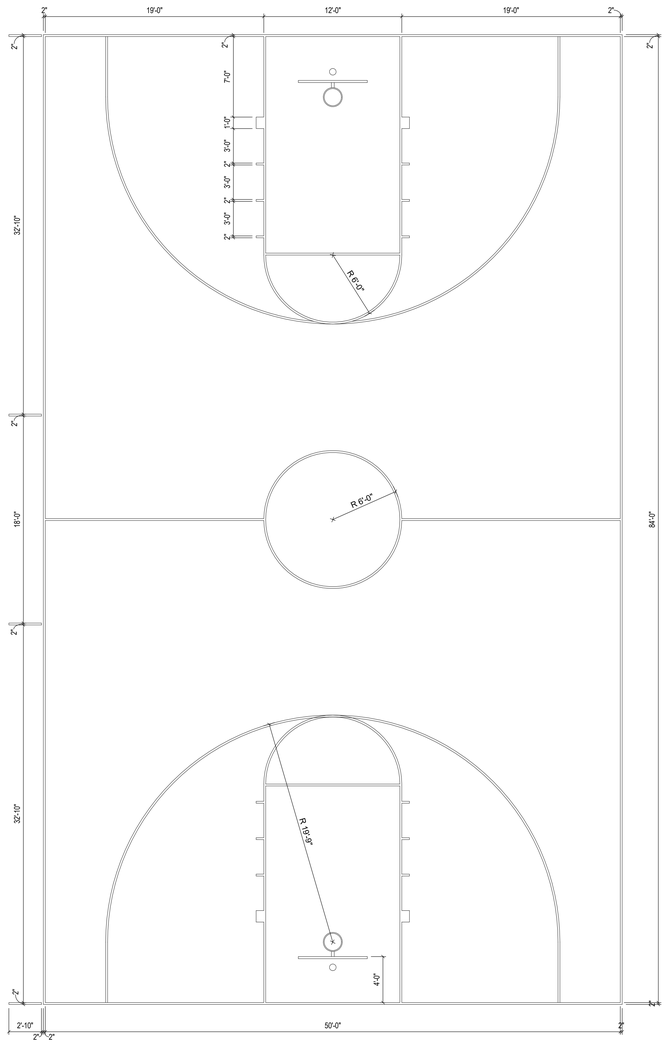
SCALE: 1/2" = 1'-0"



NOTE:
VOLLEYBALL CROSS COURT LINES ARE TO BE 2" WIDE (COLOR TO BE DETERMINED) & LOCATED AS DIMENSIONED ON ENLARGED PLAN

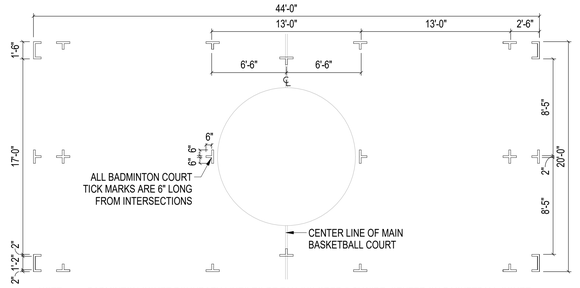
8 VOLLEYBALL CROSS COURT DETAIL

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



5 BASKETBALL COURT MARKINGS

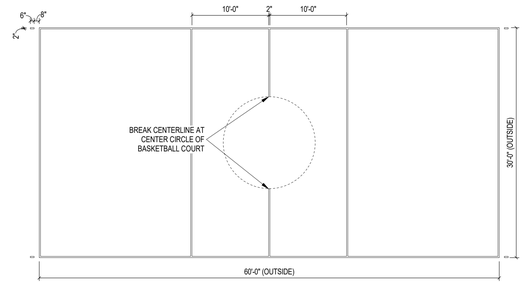
SCALE: 3/16" = 1'-0"



NOTE: BADMINTON COURT BOUNDARY LINES TO BE TAN COLORED & 2" WIDE; CENTER ON BASKETBALL COURT. SPACING BETWEEN BADMINTON COURTS TO BE 2'-0". MUST COMPLY WITH INTERNATIONAL BADMINTON REGULATIONS.

1 BADMINTON COURT

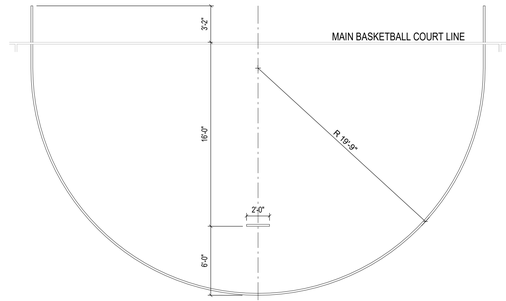
SCALE: 3/16" = 1'-0"



NOTE:
VOLLEYBALL MAIN COURT LINES ARE TO BE 2" WIDE (COLOR TO BE DETERMINED) & CENTERED ON MAIN BASKETBALL COURT.

2 VOLLEYBALL MAIN COURT DETAIL

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



NOTE: BASKETBALL CROSS-COURT BOUNDARY LINES TO BE TAN COLORED & 2" WIDE. MUST COMPLY WITH IHSAA/NFHS STANDARDS.

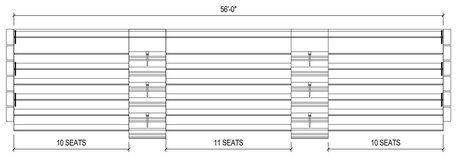
3 BASKETBALL CROSS-COURT

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

DESIGN CRITERIA TELESCOPING BLEACHER INFORMATION
PROPULSION : ELECTRIC
RISE AND ROW SPACING: SEE SPECS.
NUMBER OF ROWS: 7
PROVIDE SELF-STORING END RAILS
PROVIDENON REMOVABLE/SELF-STORING HANDRAILS AT AISLES
PROVIDE AISLES WIDTHS AS REQUIRED TO MEET EXITING.
- THE GYMNASIUM IS FULLY SPRINKLER

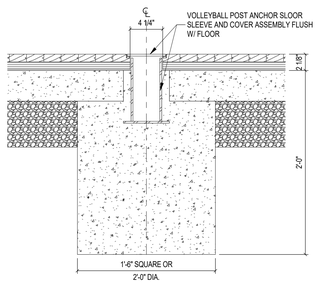
TELESCOPING BLEACHER SEATING
BANK = ± 217 BLEACHER SEATS
5 ACCESSIBLE WHEELCHAIR LOCATIONS
WHEEL CHAIR SECTIONS SHALL BE RECOVERABLE AND LOCATED PER MANUFACTURER RECOMMENDATION

NOTE:
LAYOUT IS NOT INTENDED TO RESTRICT THE BLEACHER MANUFACTURER, BUT TO PROVIDE DESIGN/LAYOUT GUIDELINES. THUS, THE MANUFACTURER HAS FLEXIBILITY IN HANDICAP LOCATIONS, AISLE SPACING, SECTIONS, ETC., AS REVIEWED BY ARCHITECT DURING SHOP DRAWINGS.



9 TELESCOPING BLEACHER LAYOUT - FIELDHOUSE

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



6 VOLLEYBALL POST FLOOR SLEEVE

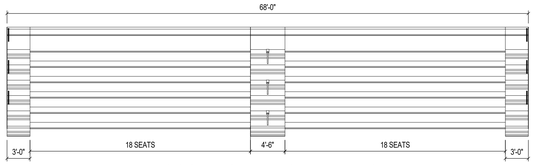
SCALE: 1 1/2" = 1'-0"

1

DESIGN CRITERIA TELESCOPING BLEACHER INFORMATION
PROPULSION : ELECTRIC
RISE AND ROW SPACING: SEE SPECS.
NUMBER OF ROWS: 7
PROVIDE WALL TO WALL BLEACHERS
PROVIDE AISLES WIDTHS AS REQUIRED TO MEET EXITING.

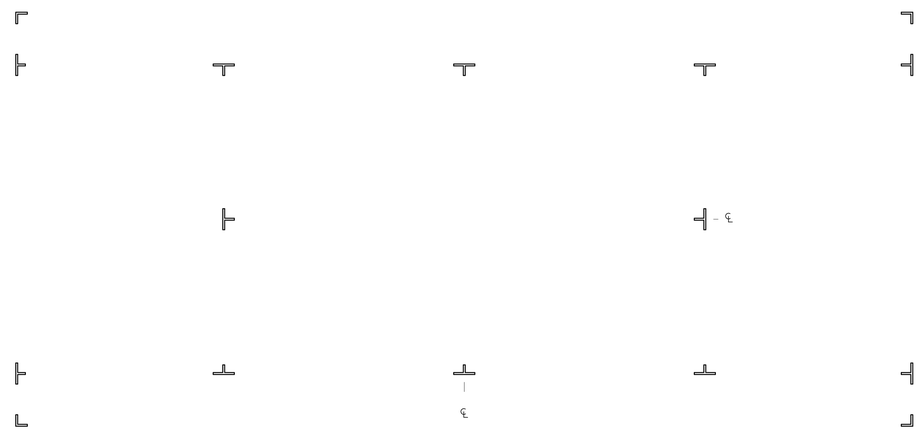
TELESCOPING BLEACHER SEATING
BANK = ± 252 BLEACHER SEATS
5 ACCESSIBLE WHEELCHAIR LOCATIONS
WHEEL CHAIR SECTIONS SHALL BE RECOVERABLE AND LOCATED PER MANUFACTURER RECOMMENDATION

NOTE:
LAYOUT IS NOT INTENDED TO RESTRICT THE BLEACHER MANUFACTURER, BUT TO PROVIDE DESIGN/LAYOUT GUIDELINES. THUS, THE MANUFACTURER HAS FLEXIBILITY IN HANDICAP LOCATIONS, AISLE SPACING, SECTIONS, ETC., AS REVIEWED BY ARCHITECT DURING SHOP DRAWINGS.



10 TELESCOPING BLEACHER LAYOUT - POOL

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



NOTE: TENNIS COURT BOUNDARY LINES TO BE GRAY & 2" WIDE; CENTER ON MAIN BASKETBALL COURT. MUST COMPLY WITH IHSAA/NFHS STANDARDS.

4 TENNIS COURT

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

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CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: CLO
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

COURT DETAILS AND BLEACHER LAYOUT

A7.11

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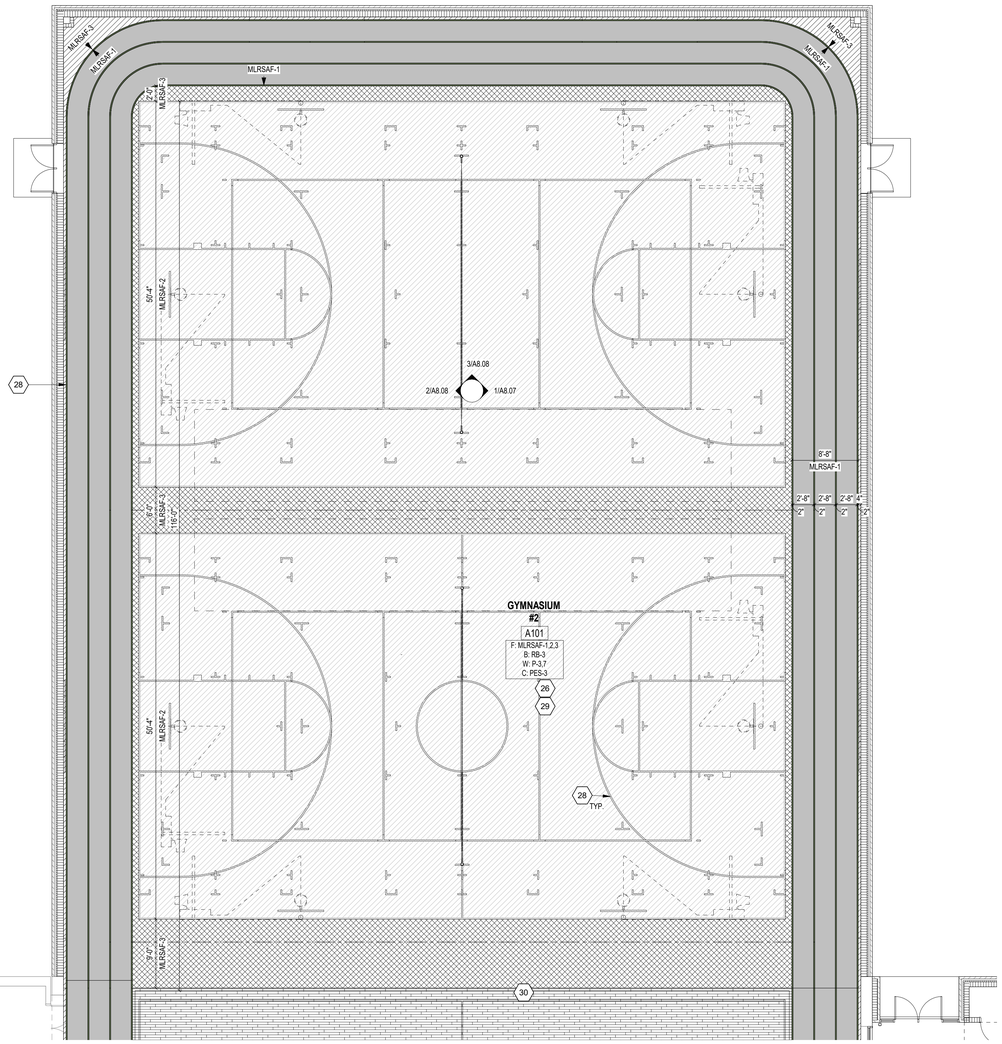
ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	GYMNASIUM #2	13014 SF



UNIT A - FIRST FLOOR FINISH PLAN

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

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL FACES (SIDE) AND HORIZ. OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1. NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2. REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5. PAINT TO MATCH EXISTING ADJACENT SURFACES.
6. PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7. DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8. DRF TO BE BASE BID. DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9. INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10. INSTALL CMT BASE ON NEW WALL
11. DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12. ALTERNATE FOR ATHLETIC FLOORING.
13. PAINT ALL SIDES OF BULKHEAD P-3.
14. DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15. EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17. REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18. PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19. PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20. PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21. NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22. NEW CMT IN POOL TANK, REFER TO PL.0 FOR CMT REQUIREMENTS IN POOL TANK.
23. REFER TO PL.0 AND PL.1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24. AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A85.01.
26. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A85.01.
27. CLEAN EXISTING STRUCTURAL STEEL COMPONENTS, PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME/ TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPECIFI
28. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29. PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30. TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF, SEE DETAII A.14.13
31. IFS CEILING IN SHOWERS ONLY
32. PAINTED GRAPHICS IN THE ROOM, REFER TO ELEVATIONS
33. FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34. EF-1 UNDER AUDITORIUM SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35. ACT-1 TO BE BLACK
36. THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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A
B C
D E
G F
I J

PLAN NORTH

KEY PLAN

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT A - FIRST FLOOR FLOOR FINISH PLAN

A8.01

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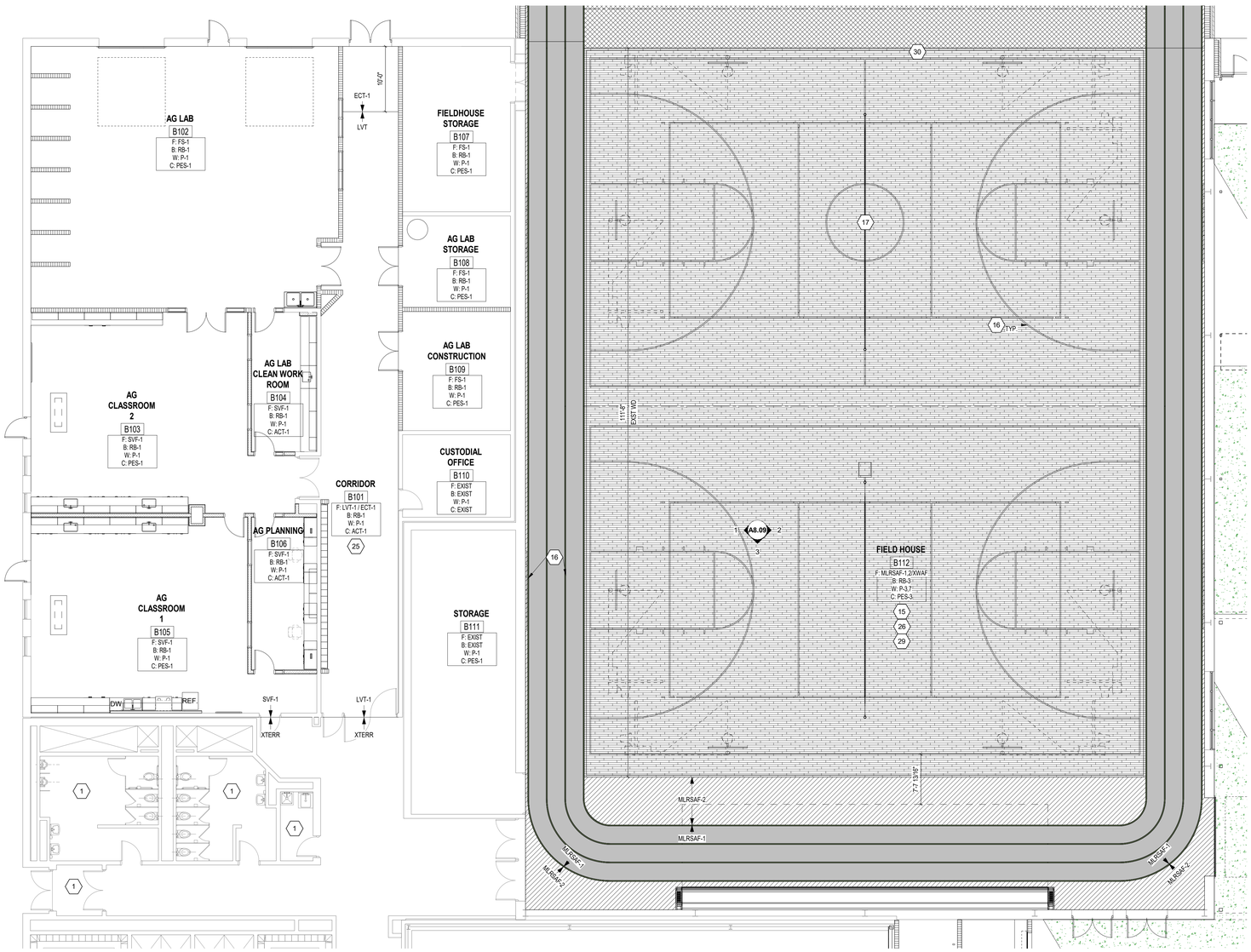
ROOM LEGEND - FIRST FLOOR UNIT B

ROOM NO.	ROOM NAME	AREA (SF)
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B111	STORAGE	697 SF
B112	FIELD HOUSE	13884 SF

ALL COURT MARKINGS SHALL BE 2" THICK, UNLESS OTHERWISE SPECIFIED.

MAIN BASKETBALL COURT: COLOR A
LANE MARKERS: COLOR B
TRACK: COLOR C
FIELD: COLOR D



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UNIT B - FIRST FLOOR FINISH PLAN

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

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL FACES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES.
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1 NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2 REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5 PAINT TO MATCH EXISTING ADJACENT SURFACES.
6 PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7 DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8 DRF TO BE BASE BID. DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9 INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10 INSTALL CMT BASE ON NEW WALL
11 DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12 ALTERNATE FOR ATHLETIC FLOORING.
13 PAINT ALL SIDES OF BULKHEAD P-3.
14 DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15 EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17 REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18 PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19 PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20 PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21 NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22 NEW CMT IN POOL TANK, REFER TO PL.0 FOR CMT REQUIREMENTS IN POOL TANK.
23 REFER TO PL.0 AND PL.1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24 AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
26 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
27 CLEAN EXISTING STRUCTURAL STEEL COMPONENTS, PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME/ TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPECIFI
28 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29 PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30 TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF. SEE DETAI A.14.13
31 IFS CEILING IN SHOWERS ONLY
32 PAINTED GRAPHICS IN THE ROOM, REFER TO ELEVATIONS
33 FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34 EF-1 UNDER AUDITORIUM SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35 ACT-1 TO BE BLACK
36 THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

LVT-1
LVT-2
LVT-3
EXISTING WOOD ATHLETIC FLOOR
MLRSAF-1
MLRSAF-2
MLRSAF-3
MLRSAF-4A
CAR-1
CART-1
HARD AND SOFT WOOD STAGE FLOOR
ECT-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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A B C D E F G I J

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: MKH
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT B - FIRST FLOOR FLOOR FINISH PLAN

A8.02

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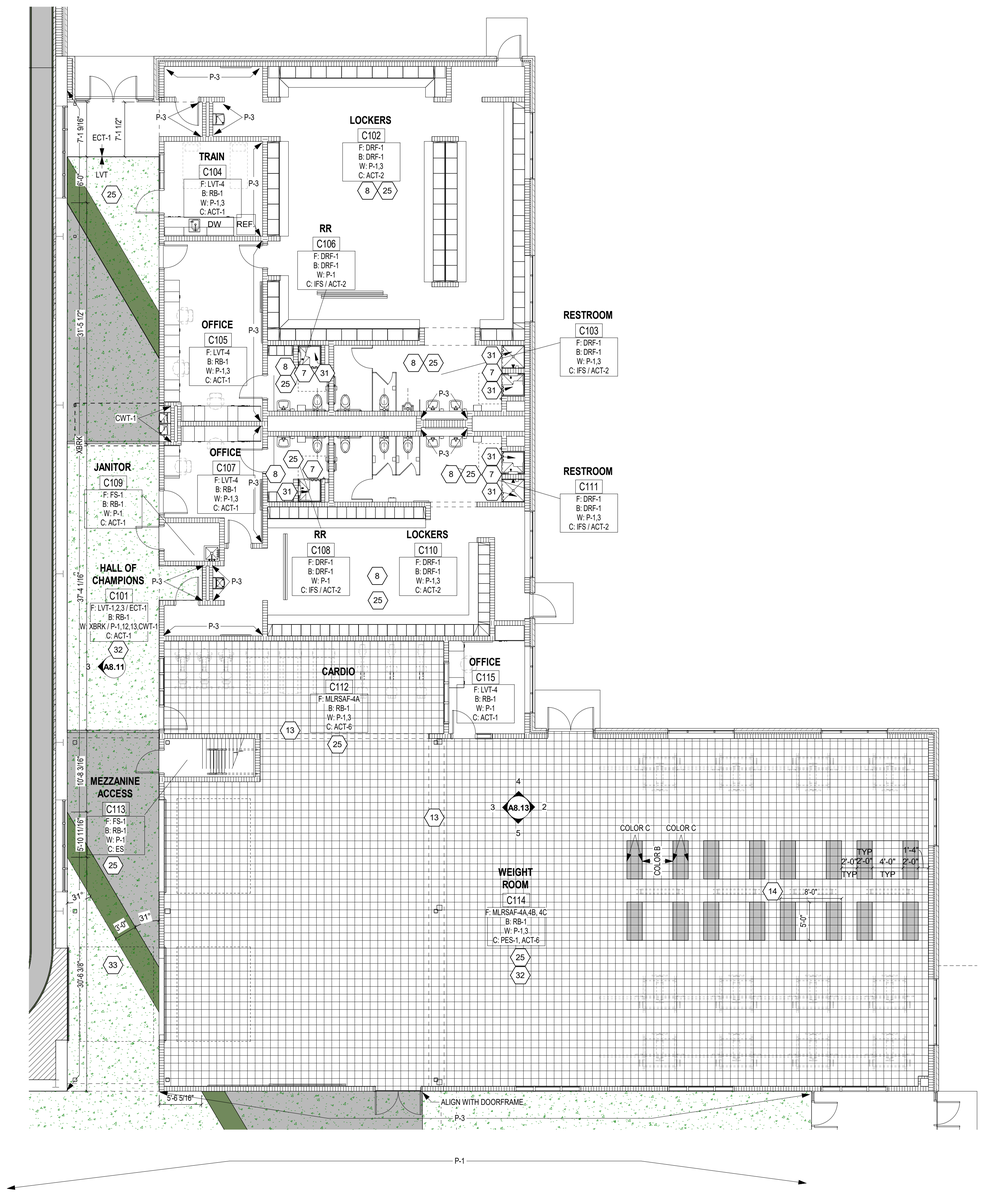

UNIT C - FIRST FLOOR FINISH PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT C

ROOM NO.	ROOM NAME	AREA (SF)
C101	HALL OF CHAMPIONS	1608 SF
C102	LOCKERS	1271 SF
C103	RESTROOM	206 SF
C104	TRAIN	159 SF
C105	OFFICE	297 SF
C106	RR	64 SF
C107	OFFICE	165 SF
C108	RR	64 SF
C109	JANITOR	36 SF
C110	LOCKERS	658 SF
C111	RESTROOM	206 SF
C112	CARDIO	454 SF
C113	MEZZANINE ACCESS	61 SF
C114	WEIGHT ROOM	4453 SF
C115	OFFICE	128 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL FACES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PAINTING: REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES.
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1. NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2. REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5. PAINT TO MATCH EXISTING ADJACENT SURFACES.
6. PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7. DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8. DRF TO BE BASE BID. DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9. INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10. INSTALL CMT BASE ON NEW WALL
11. DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12. ALTERNATE FOR ATHLETIC FLOORING.
13. PAINT ALL SIDES OF BULKHEAD P-3.
14. DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15. EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17. REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18. PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19. PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20. PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21. NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22. NEW CMT IN POOL TANK, REFER TO PL 0 FOR CMT REQUIREMENTS IN POOL TANK.
23. REFER TO PL 0 AND PL 1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24. AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A85.01.
26. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A85.01.
27. CLEAN EXISTING STRUCTURAL STEEL COMPONENTS, PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME: TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPECIFI
28. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29. PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30. TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF, SEE DETAIL A.14.13
31. IFS CEILING IN SHOWERS ONLY
32. PAINTED GRAPHICS IN THE ROOM. REFER TO ELEVATIONS
33. FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34. EF-1 UNDER AUDITORIUM SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35. ACT-1 TO BE BLACK
36. THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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A
B C
D E
G F
I J

PLAN NORTH

KEY PLAN

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE — No. 4169 — STATE OF INDIANA — ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT C - FIRST FLOOR FLOOR FINISH PLAN

A8.03

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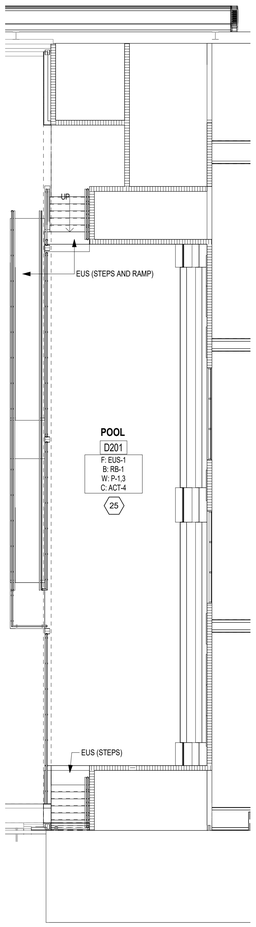
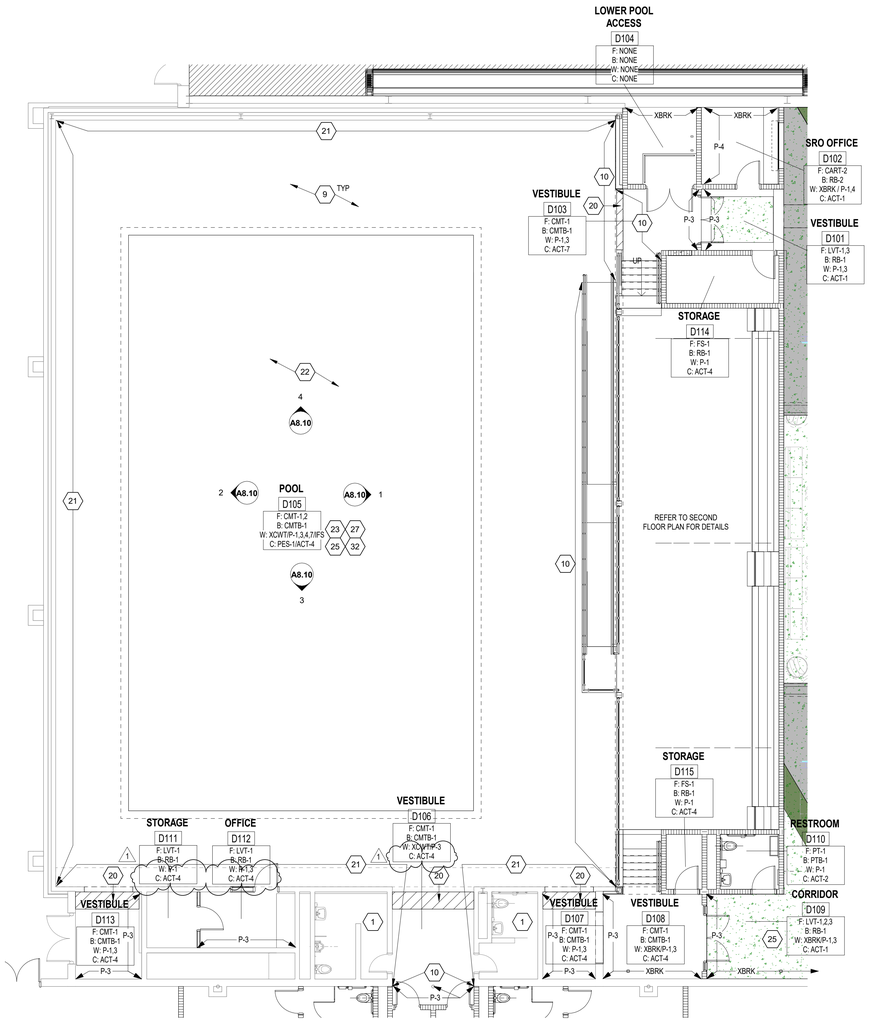
ROOM LEGEND - FIRST FLOOR UNIT D

ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	SRO OFFICE	101 SF
D103	VESTIBULE	120 SF
D104	LOWER POOL ACCESS	90 SF
D105	POOL	7300 SF
D106	VESTIBULE	164 SF
D107	VESTIBULE	78 SF
D108	VESTIBULE	172 SF
D109	CORRIDOR	111 SF
D110	RESTROOM	55 SF
D111	STORAGE	48 SF
D112	OFFICE	90 SF
D113	VESTIBULE	98 SF
D114	STORAGE	92 SF
D115	STORAGE	34 SF





UNIT D - UPPER LEVEL FINISH PLAN

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

UNIT D - FIRST FLOOR FINISH PLAN

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

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL FACES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1 NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2 REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5 PAINT TO MATCH EXISTING ADJACENT SURFACES.
6 PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7 DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8 DRF TO BE BASE BID. DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9 INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10 INSTALL CMT BASE ON NEW WALL
11 DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12 ALTERNATE FOR ATHLETIC FLOORING.
13 PAINT ALL SIDES OF BULKHEAD P-3.
14 DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15 EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17 REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18 PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19 PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20 PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21 NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22 NEW CMT IN POOL TANK, REFER TO PL.0 FOR CMT REQUIREMENTS IN POOL TANK.
23 REFER TO PL.0 AND PL.1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24 AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
26 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
27 CLEAN EXISTING STRUCTURAL STEEL COMPONENTS. PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME/ TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPECIFI
28 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29 PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30 TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF, SEE DETAIL A.14.13
31 IFS CEILING IN SHOWERS ONLY
32 PAINTED GRAPHICS IN THE ROOM. REFER TO ELEVATIONS
33 FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34 EF-1 UNDER AUDITORIUM SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35 ACT-1 TO BE BLACK
36 THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

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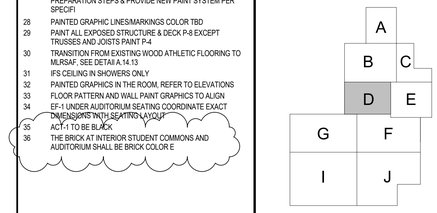

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

UNIT D - FIRST FLOOR FLOOR FINISH PLAN

A8.04

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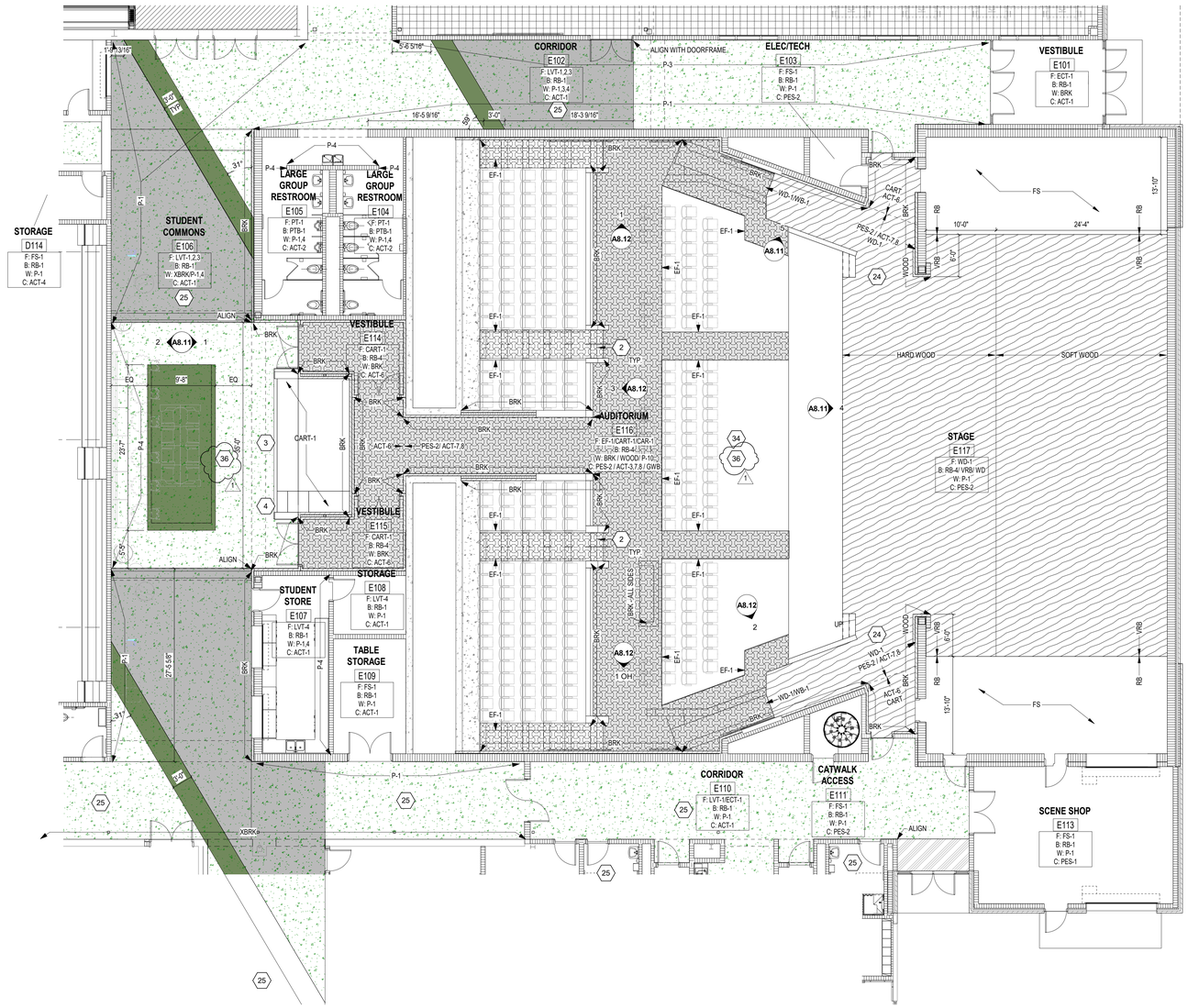

UNIT E - FIRST FLOOR FINISH PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT E

ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	179 SF
E102	CORRIDOR	1248 SF
E103	ELEC/TECH	52 SF
E104	LARGE GROUP RESTROOM	220 SF
E105	LARGE GROUP RESTROOM	220 SF
E106	STUDENT COMMONS	2961 SF
E107	STUDENT STORE	241 SF
E108	STORAGE	86 SF
E109	TABLE STORAGE	168 SF
E110	CORRIDOR	785 SF
E111	CATWALK ACCESS	52 SF
E113	SCENE SHOP	550 SF
E114	VESTIBULE	123 SF
E115	VESTIBULE	123 SF
E116	AUDITORIUM	5396 SF
E117	STAGE	3574 SF
E118	GATHERING STAIR	202 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL SIDES (VERT AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES.
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1. NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2. REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4. REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5. PAINT TO MATCH EXISTING ADJACENT SURFACES.
6. PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7. DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8. DRF TO BE BASE BID, DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9. INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10. INSTALL CMT BASE ON NEW WALL
11. DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12. ALTERNATE FOR ATHLETIC FLOORING.
13. PAINT ALL SIDES OF BULKHEAD P-3
14. DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15. EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17. REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18. PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19. PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20. PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21. NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22. NEW CMT IN POOL TANK. REFER TO PL 0 FOR CMT REQUIREMENTS IN POOL TANK.
23. REFER TO PL 0 AND PL 1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24. AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
26. HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A8S.01.
27. CLEAN EXISTING STRUCTURAL STEEL COMPONENTS, PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME/ TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPEC#1
28. PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29. PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30. TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF. SEE DETAII A.14.13
31. IFS CEILING IN SHOWERS ONLY
32. PAINTED GRAPHICS IN THE ROOM, REFER TO ELEVATIONS
33. FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34. EF-1 UNDER AUDITORIUM SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35. ACT-1 TO BE BLACK
36. THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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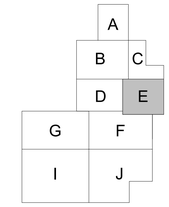

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

UNIT E - FIRST FLOOR FLOOR FINISH PLAN

A8.05

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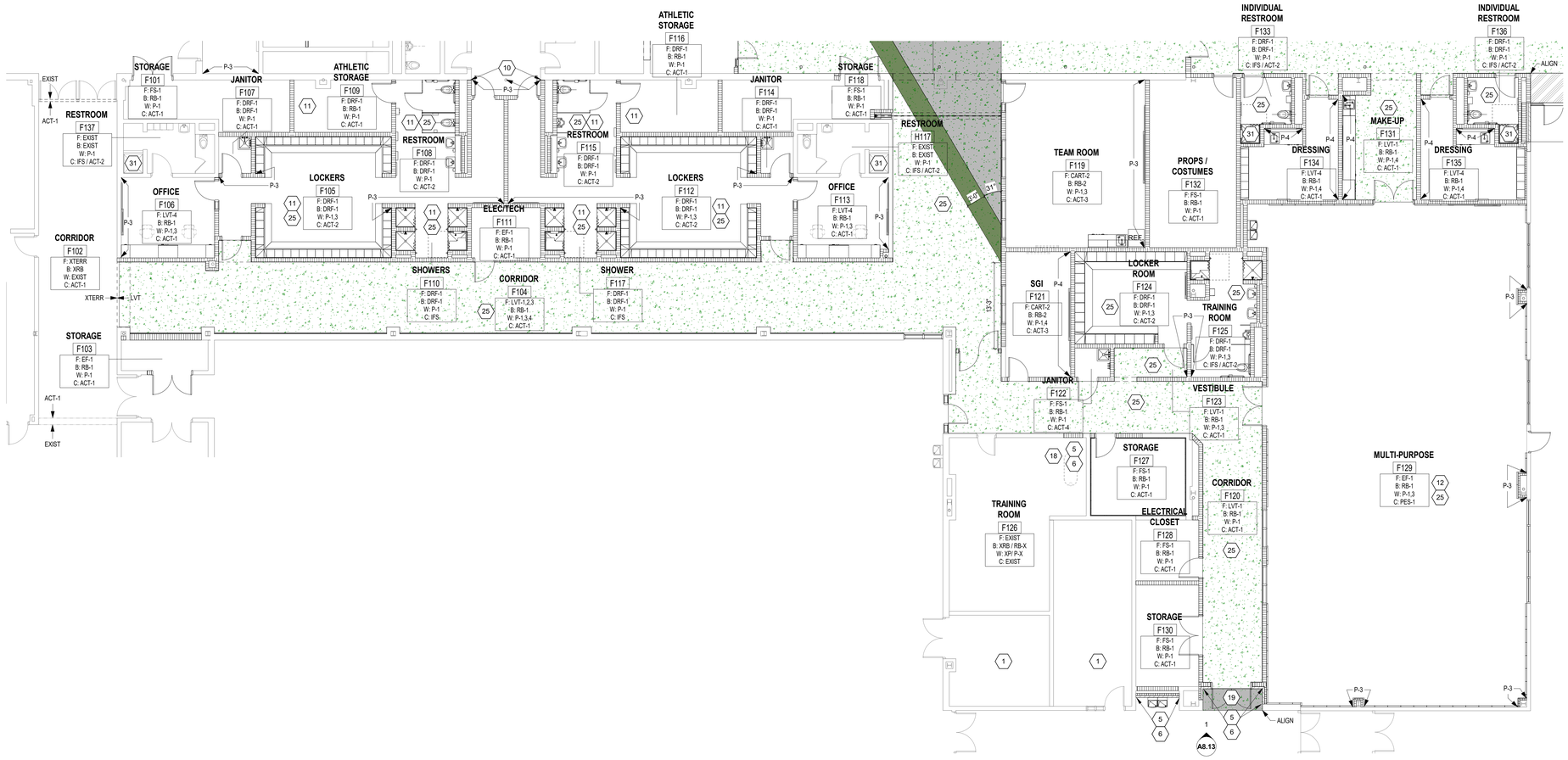

UNIT F - FIRST FLOOR FINISH PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT F

ROOM NO.	ROOM NAME	AREA (SF)
F101	STORAGE	175 SF
F102	CORRIDOR	611 SF
F103	STORAGE	63 SF
F103A	PASSAGE	75 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	166 SF
F119	TEAM ROOM	654 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F126	TRAINING ROOM	472 SF
F127	STORAGE	170 SF
F128	ELECTRICAL CLOSET	91 SF
F129	MULTI-PURPOSE	3100 SF
F130	STORAGE	151 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF
F137	RESTROOM	89 SF
F138	TRAINING ROOM	345 SF
F139	TRAINING ROOM	214 SF

GENERAL FINISH NOTES

A. FIXED CASEWORK AND TACKBOARDS SHALL REMAIN IN PLACE (UNO). NEW WALL FINISHES SHALL BE INSTALLED AROUND THESE ITEMS.
B. SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
C. REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS AT EXISTING WALLS TO BE REPAINTED.
D. EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
E. RESILIENT TRANSITION STRIP AT AUDITORIUM STEPS AS SHOWN ON DETAIL 15-A8.14.
F. PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH AS SHOWN ON DRAWING A8.14.
G. PAINT ALL FACES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
H. EXISTING INTERIOR DOOR FRAMES ARE TO REMAIN. DO NOT PAINT.
I. PAINT ALL NEW INTERIOR DOOR FRAMES TO MATCH EXISTING DOOR FRAME COLOR. PAINT ON ALL FACES (PAINT CODE #5.12).
J. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS TO RECEIVE NEW FINISHES.
K. XBRK INDICATES EXISTING BRICK, TO REMAIN UNPAINTED, UNLESS NOTED OTHERWISE.
L. BRK INDICATES NEW BRICK, DO NOT PAINT
M. AT SHOWERS, PROVIDE SHOWER CURB AS SHOWN ON DETAIL 14-A8.14

FLOOR PATTERN/FINISH KEY NOTES

1 NO WORK IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2 REFER TO DETAIL X/A8.XX FOR STAIR NOSING IN AUDITORIUM.
3 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, SEATING TREADS/RISERS
4 REFER TO DETAIL X/A8.XX FOR STAIR NOSING AT GATHERING STAIR, TRAVELING TREADS, RISERS
5 PAINT TO MATCH EXISTING ADJACENT SURFACES.
6 PROVIDE NEW RB-X BASE TO MATCH EXISTING.
7 DRF TO BE BASE BID AT SHOWER(S). NO ALTERNATE.
8 DRF TO BE BASE BID. DEDUCT ALTERNATE FOR FS-1, SEALED CONCRETE.
9 INSTALL NEW CMT OVER EXISTING TILE TO REMAIN ON POOL DECK. PROVIDE POSITIVE SLOPE ON POOL DECK TO NEW CONTINUOUS DECK DRAIN.
10 INSTALL CMT BASE ON NEW WALL.
11 DRF OVER EXISTING TILE. REFER TO SPECIFICATIONS.
12 ALTERNATE FOR ATHLETIC FLOORING.
13 PAINT ALL SIDES OF BULKHEAD P-3.
14 DROP ZONE FINAL LOCATIONS TBD PENDING OWNERS EQPT.
15 EXISTING WOOD FLOOR TO REMAIN AND REFINISHED. REFER TO SPECIFICATIONS.
16 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
17 REFER TO EQPT PLAN FOR LOGO AT MAIN COURT. SEE DETAIL 7-A.11.
18 PATCH EXISTING VCT AS REQUIRED TO ACCOMMODATE NEW FLOOR DRAIN AT TRAINING ROOM.
19 PROVIDE NEW LVT-2 FLOORING IN HATCHED AREA ONLY; INSTALL SCHLUTER SCHIENE TRANSITION STRIP TO PROTECT EDGE
20 PROVIDE SLOPED CMT TO MATCH UP WITH PREVIOUS FLOOR ELEVATION TO ACCOMMODATE EXISTING DOORS TO ACCOMMODATE TRANSITION BETWEEN OVERLAY TILE AND NEW TILE AT EXISTING FLOOR ELEVATION.
21 NEW CMT BASE TO BE INSTALLED ON TOP OF EXISTING WALL TILE TO REMAIN.
22 NEW CMT IN POOL TANK. REFER TO PL.0 FOR CMT REQUIREMENTS IN POOL TANK.
23 REFER TO PL.0 AND PL.1 FOR ADDITIONAL TILE INFORMATION AND MARKINGS.
24 AT WOOD BASE ON WOOD FLOOR IN FRONT OF PROSCENIUM OPENING, PROVIDE 1/4" KERFS AT 3/4" O.C. FOR VENTING OF WOOD FLOOR.
25 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM. REFER TO "PAINT TYPE GENERAL NOTES" ON A9S.01.
26 HIGH PERFORMANCE COATINGS REQUIRED IN THIS ROOM TO ACCENT BAND. REFER TO "PAINT TYPE GENERAL NOTES" ON A9S.01.
27 CLEAN EXISTING STRUCTURAL STEEL COMPONENTS, PREP EXISTING PAINTED SURFACE AS REQUIRED FOR ADHESION OF NEW COATING SYSTEM. SPOT PRIME/ TREAT ALL AREAS OF EXISTING RUST OR SURFACE BLEMISHES AS PART OF PREPARATION STEPS & PROVIDE NEW PAINT SYSTEM PER SPECIFI
28 PAINTED GRAPHIC LINES/MARKINGS COLOR TBD
29 PAINT ALL EXPOSED STRUCTURE & DECK P-8 EXCEPT TRUSSES AND JOISTS PAINT P-4
30 TRANSITION FROM EXISTING WOOD ATHLETIC FLOORING TO MLRSAF, SEE DETAIL A.14.13
31 IFS CEILING IN SHOWERS ONLY
32 PAINTED GRAPHICS IN THE ROOM. REFER TO ELEVATIONS
33 FLOOR PATTERN AND WALL PAINT GRAPHICS TO ALIGN
34 RE-1 UNDERLAYMENT SEATING COORDINATE EXACT DIMENSIONS WITH SEATING LAYOUT
35 ACT-1 TO BE BLACK
36 THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM

350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

A B C D E F G I J

PLAN NORTH

KEY PLAN

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT F - FIRST FLOOR FLOOR FINISH PLAN

A8.06

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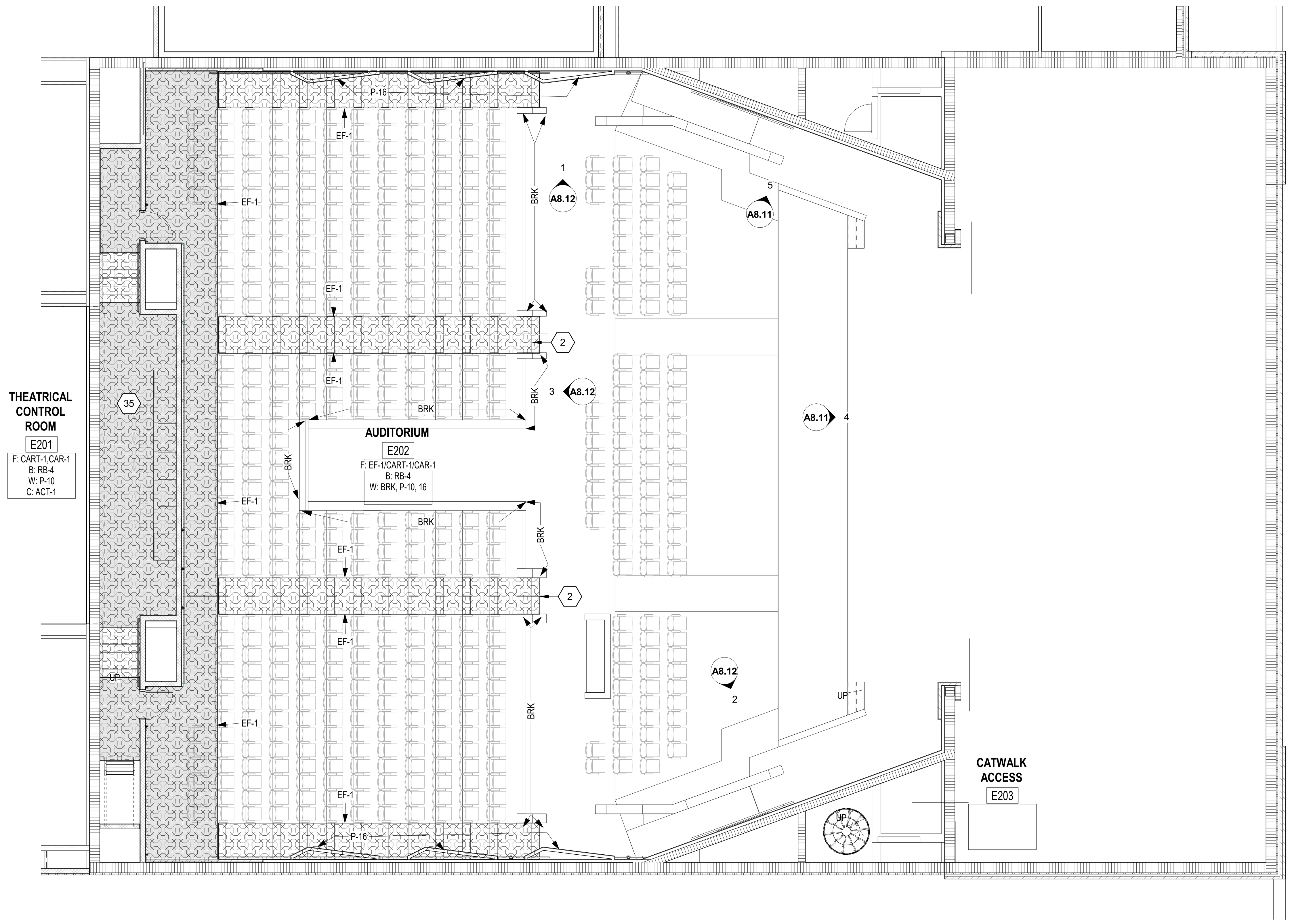
ROOM LEGEND - SECOND FLOOR UNIT E

ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
E201		THEATRICAL CONTROL ROOM	299 SF
E202		AUDITORIUM	10087 SF
E203		CATWALK ACCESS	130 SF



UNIT E - SECOND FLOOR FINISH PLAN

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

GENERAL FINISH NOTES

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1

FLOOR PATTERN/FINISH KEY NOTES (X)

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35 ACT-1 TO BE BLACK
36 THE BRICK AT INTERIOR STUDENT COMMONS AND AUDITORIUM SHALL BE BRICK COLOR E

1

FLOOR PATTERN LEGEND

NOTE: NOT ALL FLOORING HAS HATCH PATTERN

- LVT-1
- LVT-2
- LVT-3
- EXISTING WOOD ATHLETIC FLOOR
- MLRSAF-1
- MLRSAF-2
- MLRSAF-3
- MLRSAF-4A
- CAR-1
- CART-1
- HARD AND SOFT WOOD STAGE FLOOR
- ECT-1

VERIFICATION NOTE

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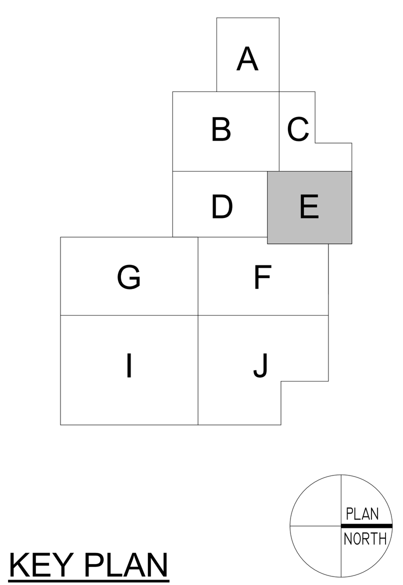

KEY PLAN

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS
DRAWN BY: MKH
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE

UNIT E - SECOND FLOOR FLOOR FINISH PLAN

A8.07

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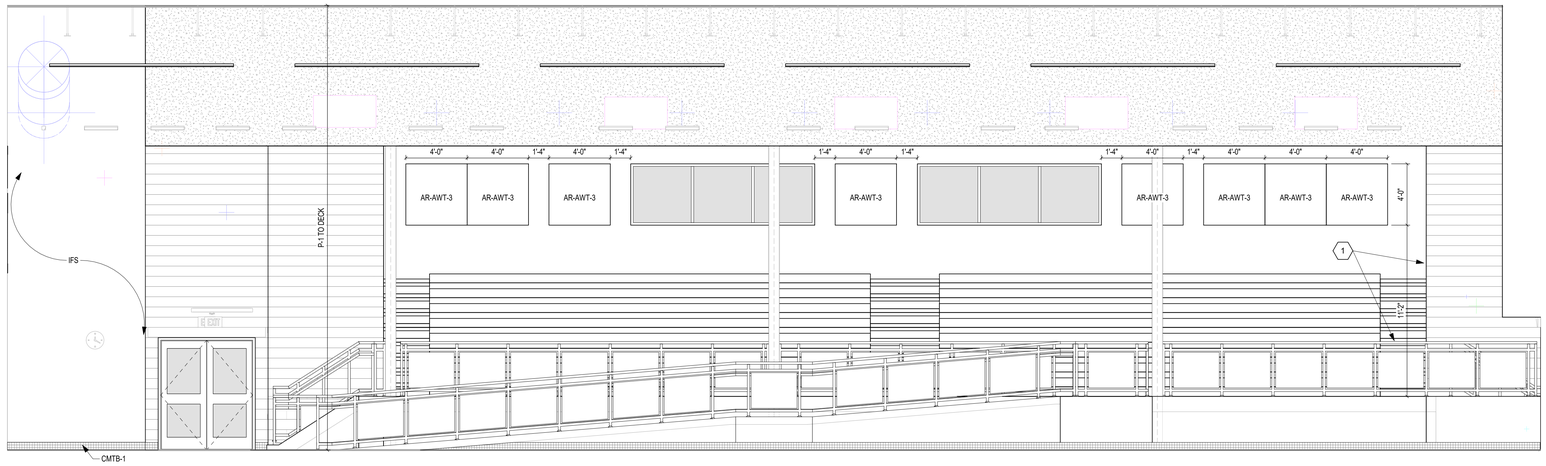
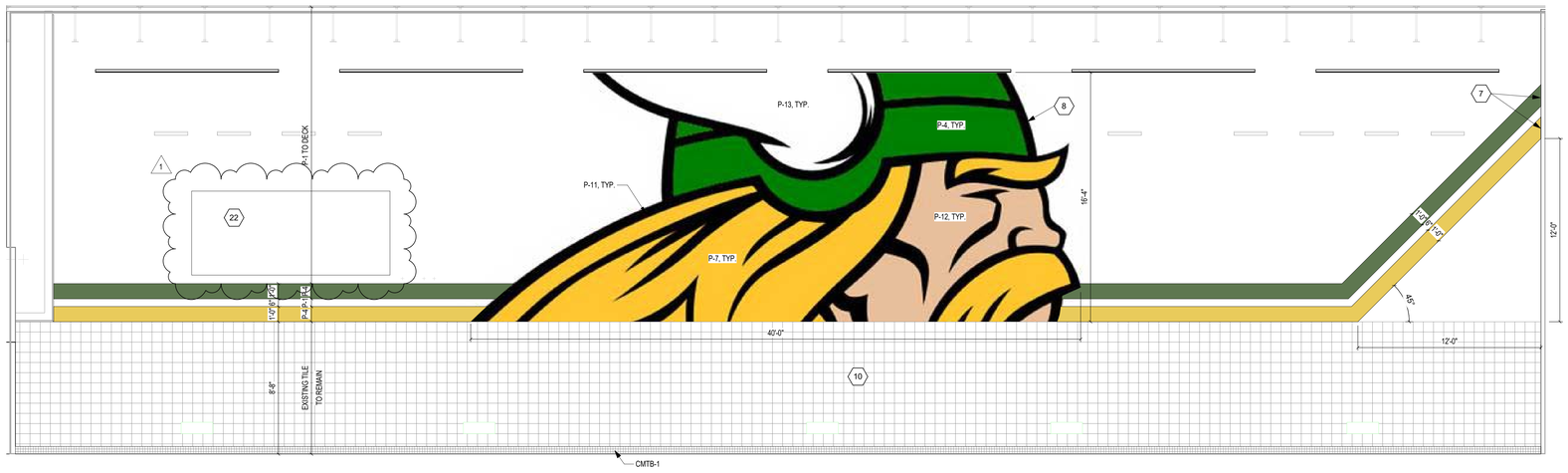


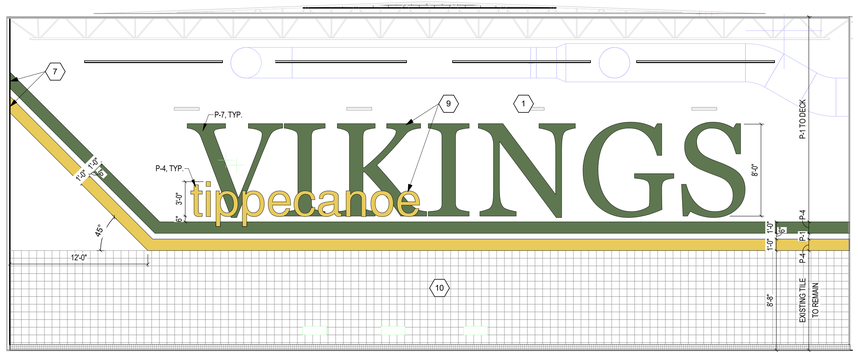
1 D105 POOL NORTH

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



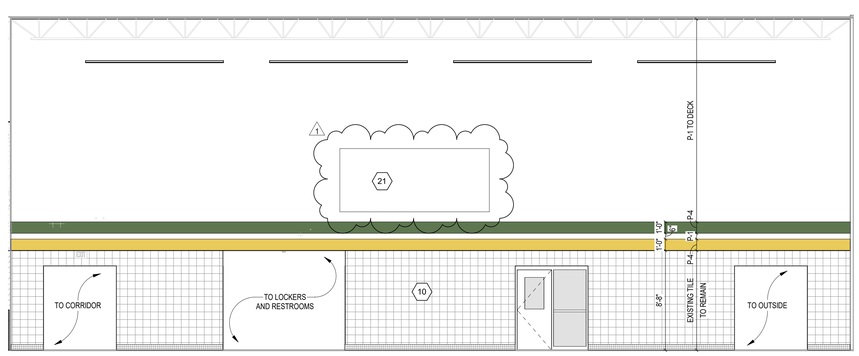
2 D105 POOL SOUTH

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



4 D105 POOL WEST

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



3 D105 POOL EAST

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

INTERIOR ELEVATION NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. PAINT ALL RAILINGS TO MATCH P-3.
2. WALL MOUNTED MONITOR, REFER TO TECHNOLOGY DRAWINGS.
4. PAINTED SCHOOL GRAPHIC, MINIMUM 5 COLORS. ARCHITECT TO PROVIDE IMAGE.
5. PAINTED SCHOOL GRAPHIC, MINIMUM 3 COLORS. ARCHITECT TO PROVIDE IMAGE.
6. PAINT MECHANICAL GRILLE TO MATCH BRICK P-10; PAINT INTERIOR OF CHASE P-11
7. ANGLED STRIPES TO CONTINUE ON ADJACENT WALL. MUST ALIGN EXACTLY.
8. FINAL VIKING ARTWORK TO BE PROVIDED BY ARCHITECT.
9. FINAL FONT SIZE, SPACING KERNING, ETC. TO BE PROVIDED BY ARCHITECT.
10. EXISTING WALL TILE TO REMAIN. THOROUGHLY CLEAN ALL TILE AND GROUT.
11. EXISTING BRICK TO REMAIN. DO NOT PAINT.
12. CMU (NEW OR EXISTING), PAINT AS NOTED ON FINISH PLANS
13. OVERHEAD DOOR
14. INSTALL SALVAGED BRICK, DO NOT PAINT.
15. BRICK, DO NOT PAINT.
16. GWB , PAINT, COLOR TO BE DETERMINED
17. LOCATION OF AR-AWT TO MATCH LOCATIONS ON OPPOSITE WALLS
18. WALL PADDING, REFER TO A7 SERIES
19. EXISTING DOOR
20. WRESTLING MAT HOIST, REFER TO A7 DRAWINGS
21. RELOCATED RECORD BOARD TO BE CENTERED ON POOL
22. NEW POOL SCOREBOARD

VERIFICATION NOTE

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DRAWN BY: MKH

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

INTERIOR ELEVATIONS - POOL

A8.10

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LIST OF FINISHES

REFER TO A8 ARCH. DWG. SHEETS

FLOOR MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

CARPET TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CART-1 (AUDITORIUM)	TARKETT "AIDA CLOTH"	DEEP BRINDLE 57205/ 18"x36"
CART-2 (ROOMS)	MOHAWK "SOLVE II TILE"	TO BE DETERMINED/ 24"x24"

- ALL CARPET BACKING TO HAVE A MOISTURE RESISTANT BARRIER.
- INSTALLATION METHOD TO BE ASHLAR, UNLESS OTHERWISE NOTED.
- SUBMIT INSTALLATION DRAWINGS INDICATING DIRECTION & LAYOUT OF CARPET TILE PRIOR TO INSTALLATION FOR APPROVAL.

BROADLOOM CARPET

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CAR-1 (AUDITORIUM STAIRS)	TARKETT "SHEARED HERRINGBONE"	DEEP BRINDLE 57205

ENTRY CARPET TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ECT-1	INTERFACE / STEP REPEAT / SR899 MANNINGTON / FRICTION / CHARGE SHAW / ALL ACCESS / PATH	TO BE DETERMINED / 50CM X 50CM TO BE DETERMINED / 24"X24" TO BE DETERMINED / 24"X24"

FLOOR SEALER

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
FS-1	REFER TO SPECIFICATIONS	CLEAR

LUXURY VINYL TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
LVT-1 (CORR FIELD)	MOHAWK "LIVING LOCAL"	TERRAZZO STRABE-736 / 12"X24" PLANK
LVT-2 (CORR ACCENT)	MOHAWK "LIVING LOCAL"	TERRAZZO LAHAR-986 / 12"X24" PLANK
LVT-3 (CORR ACCENT)	MOWHAWK "LIVING LOCAL"	CHROMASCOPE GRASS GREEN-760 / 12"X24" PLANK
LVT-4 (CLASSROOM)	MOWHAWK "LIVING LOCAL"	CHROMASCOPE JACK RABBIT-940 / 12"X24" PLANK

PORCELAIN TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PT-1 (RR)	DALTILE / PORTFOLIO	TO BE SELECTED / 2"X2"

SHEET VINYL FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SVF-1	JOHNSONITE / OPTIMA IQ	TO BE DETERMINED

EPOXY PIGMENTED FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
EF-1	REFER TO SPECIFICATIONS	ARCHITECT TO CHOOSE FROM MANUFACTURER'S STANDARD COLORS

CERAMIC MOSAIC TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CMT-1 (POOL DECK)	DALTILE "KEYSTONE MOSAIC"	GROUP 2, TO BE SELECTED 2"X2"
	AMERICAN OLEAN "UNGLAZED COLOR BODY MOSAIC"	GROUP 2, TO BE SELECTED 2"X2"
CMT-2 (POOL)	DALTILE "KEYSTONE MOSAIC"	GROUP 2, TO BE SELECTED 2"X2"
	AMERICAN OLEAN "UNGLAZED COLOR BODY MOSAIC"	GROUP 2, TO BE SELECTED 2"X2"
CMT-3 (POOL MARKINGS)	DALTILE "KEYSTONE MOSAIC"	GROUP 3, TO BE SELECTED 2"X2"
	AMERICAN OLEAN "UNGLAZED COLOR BODY MOSAIC"	GROUP 3, TO BE SELECTED 2"X2"

MULTI LAYER SPORTS ATHLETIC FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
MLRSAF-1 (TRACK)	MONDO "SPORTFLEX M"	GREEN P10 / 10MM
MLRSAF-2 (COURT)	MONDO "ADVANCE VULCANIZED"	DARK MAPLE L92 / 10MM
MLRSAF-3 (FIELD)	MONDO "ADVANCE VULCANIZED"	TO BE SELECTED/ 10MM
MLRSAF-4A	ECORE "ACHIEVE"	FIELD: 308 GRAY / 18MM
MLRSAF-4B	ECORE "ACHIEVE"	PLATFORM INSERT: 904 GRAY / 18MM
MLRSAF-4C	ECORE "ACHIEVE"	PROP ZONE: BLACK / 18MM

1

DECORATIVE RESINOUS FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	GENERAL POLYMERS "CERAMIC CARPET"	3 COLOR MINIMUM BLEND

WOOD FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
WD-1	REFER TO SPECIFICATIONS	BLACK PAINT

WOOD ATHLETIC FLOORING

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
WAF-1	REFER TO SPECIFICATIONS	ARCHITECT TO CHOOSE FROM MANUFACTURER STANDARD COLORS

BASE MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

RESILIENT BASE

4"H COVE BASE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RB-1 (FIELD)	JOHNSONITE	TO BE SELECTED
	ROPPE	TO BE SELECTED
RB-2	JOHNSONITE	TO BE SELECTED
	ROPPE	TO BE SELECTED
RB-3	JOHNSONITE	TO BE SELECTED
	ROPPE	TO BE SELECTED
RB-4	JOHNSONITE	TO BE SELECTED
	ROPPE	TO BE SELECTED
RB-5	JOHNSONITE	TO BE SELECTED
	ROPPE	TO BE SELECTED

PORCELAIN TILE BASE

MUST MATCH PT MANUFACTURER

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PTB-1	DALTILE / PORTFOLIO	TO BE SELECTED / 6" COVE BASE P-36CPTB

CERAMIC TILE BASE

MUST MATCH CMT MANUFACTURER

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CMTB-1	DALTILE "KEYSTONE MOSAIC"	GROUP 2, TO BE SELECTED 2"X2" / MBSB COVE
	AMERICAN OLEAN "UNGLAZED COLOR BODY MOSAIC"	GROUP 2, TO BE SELECTED 2"X2" / MT6 COVE

DECORATIVE RESINOUS BASE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
DRF-1	MATCH DRF-1	MATCH DRF-1

WALL FINISHES

REFER TO A8 ARCH. DWG. SHEETS

PAINT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
P-1 (FIELD)	SHERWIN WILLIAMS	SW 7029 AGREEABLE GRAY
P-2 (GYM LOWER)	SHERWIN WILLIAMS	TO BE SELECTED
P-3 (ATH. ACCENT)	SHERWIN WILLIAMS	SW 9170 ACIER
P-4 (ACCENT)	SHERWIN WILLIAMS	SW 6439 GREENFIELD
P-5 (MATCH EXIST CORR)	SHERWIN WILLIAMS	TO BE SELECTED
P-6 (CORR/FRAMES)	SHERWIN WILLIAMS	SW 7019 GAUNTLET GRAY
P-7 (YELLOW ACCENT)	SHERWIN WILLIAMS	SW 6689 OVERJOY
P-8 (CEILINGS)	SHERWIN WILLIAMS	TO BE SELECTED
P-9 (MARKER WALL)	IDEAPAINT "PRO"	WHITE
P-10 (AUDITORIUM)	SHERWIN WILLIAMS	TO BE SELECTED
P-11 (BLACK)	SHERWIN WILLIAMS	SW 6258 TRICORN BLACK
P-12 (LOGO - SKIN TONE)	SHERWIN WILLIAMS	SW 6358 CREAMERY
P-13 (LOGO - WHITE)	SHERWIN WILLIAMS	SW 7005 PURE WHITE
P-14 (CORRIDOR STRIPE)	PPG	0997-7 BLACK WIDOW
P-15 (CORRIDOR STRIPE)	SHERWIN WILLIAMS	SW 6438 DILL
P-16 (DEFLECTOR PANELS)	SHERWIN WILLIAMS	TO BE SELECTED

CERAMIC WALL TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CWT-1 (WATER FOUNTAIN)	DALTILE	TO BE SELECTED

CEILING MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

ACOUSTICAL CEILING TILE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
ACT-1 (CORRIDORS)	ARMSTRONG / SCHOOL ZONE FINE FISSURED #1713	WHITE / 24"X24" / SQUARE EDGE
ACT-2 (RESTROOMS/LOCKERS)	ARMSTRONG / TUNDRA #302	WHITE / 24"X24" / SQUARE EDGE
ACT-3 (OFFICE)	ARMSTRONG / SCHOOL ZONE FINE FISSURED HIGH NRC #1755	WHITE / 24"X24" / SQUARE EDGE
ACT-4 (STORAGE/CUSTODIAN)	ARMSTRONG / FINE FISSURED #1728	WHITE / 24"X24" / SQUARE EDGE
ACT-5 (DIRECT APPLY)	NOT USED	
ACT-6	SO HIGH NRC	WHITE / 24"X24" / SQUARE EDGE
ACT-7 (CLOUDS / POOL)	ARMSTRONG / CERAMAGUARD FINE FISSURED #607	WHITE / 24"X24" / SQUARE EDGE
ACT-8 (CLOUDS AUD)		TO BE DETERMINED/ SIZES PER DRAWINGS

PAINT EXPOSED STRUCTURE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PES-1 (LIGHT)	SHERWIN WILLIAMS	TO BE DETERMINED
PES-2 (DARK)	SHERWIN WILLIAMS	TO BE DETERMINED
FS (EXPOSED STRUCTURE)	SHERWIN WILLIAMS	TO BE DETERMINED

PAINTED GYPSUM WALL BOARD

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GWB (LIGHT)	SHERWIN WILLIAMS	TO BE DETERMINED

INTERIOR FINISH SYSTEM

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
IFS	REFER TO SPECIFICATIONS	SELECTED FROM MANUFACTURER'S STANDARD WHITES

MISCELLANEOUS FINISHES

REFER TO A8 ARCH. DWG. SHEETS

GROUT

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
GT-1	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-2	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-3	REFER TO SPECIFICATIONS	TO BE SELECTED
GT-4	REFER TO SPECIFICATIONS	TO BE SELECTED

INTERIOR WOOD DOORS/ INTERIOR WOOD TRIM

- DOOR WOOD SPECIES TO BE MAPLE, STAIN TO BE DETERMINED
- AUDITORIUM WOOD TRIM TO BE MAPLE, STAIN TO BE DETERMINED

BRICK

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
BRK	REFER TO SPECIFICATIONS	MATCH EXISTING

ACOUSTICAL MATERIALS

REFER TO A8 ARCH. DWG. SHEETS

ABUSE-RESISTANT ACOUSTICAL WALL TILES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AR-AWT-1	TECTUM	PAINT COLOR TBD / 1-1/2" THICK
AR-AWT-2	TECTUM	PAINT COLOR TBD / 2" THICK
AR-AWT-3	TECTUM	PAINT COLOR TBD / 2" THICK

ACOUSTICAL WALL TILES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
AWT-1 (AUDITORIUM)	DESIGNTEX "EVERYWHERE TEXTURE"	TO BE SELECTED / 2" THICK

MATERIAL & FINISH GENERAL NOTES

GENERAL

A. REFER TO FINISH PLAN DRAWINGS AND DETAILS (A8 SERIES) FOR MATERIALS, PATTERNS AND COLORS.
B. REFER TO A7S.01 LIST OF FINISHES FOR ADDITIONAL FINISHES NOT NOTED ON THIS SHEET.

FLOORING

A. CENTER FLOORING TILE AND PATTERN IN ROOM UNLESS OTHERWISE INDICATED ON FINISH PLANS.
B. ALIGN EDGE OF FINISHED FLOOR MATERIAL WITH EDGE OF WALL OR CASEWORK.
C. FLOOR FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE INDICATED, WHERE THE FLOORING MATERIAL CHANGES FROM ROOM TO ROOM.
D. EXTEND FLOOR MATERIAL AND PATTERN UNDER ALL OPEN TO THE FLOOR CASEWORK AND FURNITURE.
E. COORDINATE CONTROL JOINTS IN CONCRETE SLAB WITH STRUCTURAL DRAWINGS AND FINISH FLOORING INSTALLER.
F. REFER TO FLOOR PLANS, RESTROOM ENLARGED PLANS, PLUMBING DRAWINGS, ETC. FOR FLOOR DRAIN LOCATIONS.
G. AT BUILDING EXPANSION JOINTS (IF APPLICABLE) PROVIDE PRE-FABRICATED MOVEMENT PROFILE SYSTEM IN MORTAR BED. PROVIDE SCHLUTER DILEX-EDP OR APPROVED EQUAL. TYPICAL AT ALL LOCATIONS.

LUXURY VINYL TILE

A. ALL LVT PATTERNS BASED ON PLANK SIZE INCREMENTS PER MANUFACTURER.
B. ALL PLANK LVT TO BE INSTALLED UNIDIRECTIONAL PER MANUFACTURER'S GUIDELINES.

CARPET TILE

A. CARPET TILES TO BE INSTALLED IN ASHLAR METHOD FOR SPECIFIED TYPES/COLORS.
B. PRIOR TO INSTALLATION, CONTRACTOR TO SUBMIT INSTALLATION DRAWINGS INDICATING DIRECTION/LAYOUT OF CARPET TILE TO ENSURE THAT DESIGN INTENT HAS BEEN IMPLEMENTED.

PORCELAIN TILE

A. GROUT AT PT-1/PTB-1 LOCATIONS TO BE GT-1.
B. GROUT AT POOL CERAMIC MOSAIC DECK TILE/BASE LOCATIONS (CMT-1, CMTB-1) TO BE GT-2.
C. GROUT INSIDE POOL TO BE GT-3.
D. GROUT AT CWT-1 LOCATIONS TO BE GT-4.
E. AT BUILDING EXPANSION JOINTS, PROVIDE PRE-FABRICATED MOVEMENT PROFILE SYSTEM AT PORCELAIN TILE FLOORING. PROVIDE SCHLUTER RENO-TK OR APPROVED EQUAL. TYPICAL AT ALL LOCATIONS.
F. PROVIDE ANODIZED ALUMINUM SPECIAL PROFILE TRANSITION SYSTEM BETWEEN PAVER FLOOR TILE AND CARPET TILE. PROVIDE SCHLUTER RENO-TK OR APPROVED EQUAL. TYPICAL AT ALL LOCATIONS.

WALL BASE

A. RUBBER BASE (RB-1) TO BE INSTALLED AT ALL LVT, VCT, CART, RFT, AND FS LOCATIONS UNLESS OTHERWISE INDICATED. ALL RB BASE TO BE COVED.
B. PROVIDE PREFORMED BASE TO MATCH 1"RADIUS AT ALL LOCATIONS WHERE BASE COVERS MASONRY BULLNOSE. REFER TO FINISH SCHEDULE FOR BASE MATERIAL TYPE. TYPICAL AT ALL LOCATIONS. AT RB LOCATIONS PROVIDE PREFORMED OUTSIDE CORNERS, AND USE MANUFACTURER'S RECOMMENDED ADHESIVE (CONTACT CEMENT) FOR PROPER ADHESION WITH NO GAPS.

PAINT & STAIN

A. PAINT ALL WALLS UNLESS OTHERWISE INDICATED ON FINISH PLANS.
B. PAINT ONE MOCK-UP CLASSROOM TO RECEIVE ARCHITECT'S APPROVAL PRIOR TO ORDERING PAINT FOR THE ENTIRE BUILDING.
C. DO NOT PAINT INTERIOR BRICK.

PAINT TYPE GENERAL NOTES

A. UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE.
B. ALL GYPSUM BOARD WALLS SHALL BE PAINTED WITH INTERIOR PAINT TYPE #9.23 (SEMI-GLOSS) UNLESS OTHERWISE INDICATED.
C. ALL GYPSUM BOARD CEILINGS AND SOFFITS SHALL BE PAINTED WITH PAINT TYPE #9.21 (FLAT) UNLESS OTHERWISE INDICATED.
D. PAINT ALL NON-INTEGRALLY COLORED CMU WALLS WITH INTERIOR PAINT TYPE #4.14 (SEMI-GLOSS), UNLESS OTHERWISE INDICATED
E. IN THE FOLLOWING AREAS PAINT WITH PAINT CODE #4.224 (EPOXY SEMI-GLOSS): ALL CORRIDORS, LOCKER ROOMS, AND RESTROOMS AS INDICATED. REFER TO SECTION 099600 - HIGH PERFORMANCE COATINGS.
F. AT SHOWERS AND SHOWER AREAS, ALL CMU SHALL BE PAINT TYPE #4.222 FOR WET ENVIRONMENTS.
G. ALL EXPOSED STEEL(FERROUS) STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.11, UNLESS OTHERWISE INDICATED.
H. ALL FERROUS METAL (EXCLUDING STRUCTURE) SHALL BE PAINTED INTERIOR PAINT TYPE #5.12.
I. ALL FERROUS METAL (EXCLUDING STRUCTURE) PREVIOUSLY PAINTED WITH OIL BASED PAINT SHALL BE PAINTED INTERIOR PAINT TYPE #5.13.
J. ALL STEEL COLUMNS AND BEAMS SHALL BE PAINTED INTERIOR PAINT TYPE #5.222 (EPOXY) UNLESS NOTED OTHERWISE.
K. ALL STEEL STAIR STRINGERS AND STAIR ASSEMBLIES SHALL BE PAINTED INTERIOR PAINT TYPE #5.223 UNLESS NOTED OTHERWISE.
L. ALL EXPOSED GALVANIZED-METAL STRUCTURE SHALL BE PAINTED INTERIOR PAINT TYPE #5.31 UNLESS NOTED OTHERWISE
M. ALL GALVANIZED METAL (EXCLUDING STRUCTURE) SHALL BE PAINTED INTERIOR PAINT TYPE #5.32.
N. ALL CONCRETE SHALL BE PAINTED INTERIOR PAINT TYPE #3.11
O. ALL OTHER GALVANIZED STEEL TO BE INTERIOR PAINT TYPE #5.322
P. ALL PIPE AND DUCT INSULATION SHALL BE PAINTED INTERIOR PAINT TYPE #10.11
Q. ALL TECTUM PANEL SHALL BE PAINTED INTERIOR PAINT TYPE #11.00

POOL ENVIRONMENT

R. THE POOL ENVIRONMENT FOR SPECIAL COATINGS, MATERIALS, AND TREATMENTS INCLUDES THE COMPETITION POOL SPACE, POOL DECK, POOL STORAGE ROOMS, SPECTATOR SEATING AREAS AND ADJACENT SPACES WITHIN THE SPACE ENCLOSURE. ROOM NUMBERS ARE AS FOLLOWS: D103, D105, D107, AND D108.
S. IN THE POOL ENVIRONMENT, STEEL JOISTS SHALL BE PAINTED INTERIOR PAINT TYPE #5.224: **POOL ENVIRONMENT**
T. IN THE POOL ENVIRONMENT, MISC. STEEL SHALL BE PAINTED INTERIOR PAINT TYPE #5.225: **POOL ENVIRONMENT**
U. IN THE POOL ENVIRONMENT, PREVIOUSLY PAINTED STEEL STRUCTURE SHALL BE REPAINTED INTERIOR PAINT TYPE #5.227: **POOL ENVIRONMENT**
V. IN THE POOL ENVIRONMENT, PAINT GALVANIZED STEEL RAILINGS INTERIOR PAINT TYPE #5.323: **POOL ENVIRONMENT**
W. IN THE POOL ENVIRONMENT, CMU SHALL BE PAINTED INTERIOR PAINT TYPE #4.225: **POOL ENVIRONMENT**
X. IN THE POOL ENVIRONMENT, CONCRETE SHALL BE PAINTED INTERIOR PAINT TYPE #3.114: **POOL ENVIRONMENT**
Y. IN THE POOL ENVIRONMENT, GALVANIZED STEEL SHALL BE PAINTED INTERIOR PAINT TYPE #5.321: **POOL ENVIRONMENT**
Z. IN THE POOL ENVIRONMENT, GYPSUM BOARD/ PLASTER SHALL BE PAINTED INTERIOR PAINT TYPE #9.211: **POOL ENVIRONMENT**
AA. IN THE POOL ENVIRONMENT, GLAZED SURFACES/ TILE SHALL BE PAINTED INTERIOR PAINT TYPE #4.227: **POOL ENVIRONMENT**
BB. IN THE POOL ENVIRONMENT, ALUMINUM SURFACES SHALL BE PAINTED INTERIOR PAINT TYPE #10.12: **POOL ENVIRONMENT**

PAINT COLOR GENERAL NOTES

A. ALL INTERIOR WALLS SHALL BE PAINTED P-1, UNLESS OTHERWISE INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS.
B. PAINT ALL GYP SOFFITS P-1 UNLESS OTHERWISE NOTED ON FINISH PLANS OR INTERIOR ELEVATIONS.
C. PAINT ALL SIDES (HORIZ. AND VERT.) OF SOFFIT INDICATED COLOR, UNLESS OTHERWISE NOTED.
D. PAINT ALL PAINTED EXPOSED CEILINGS AND GYPSUM BOARD CEILINGS P-8 UNLESS OTHERWISE NOTED ON FINISH PLANS, CEILING PLANS, OR INTERIOR ELEVATIONS.
E. ALL INTERIOR HOLLOW METAL FRAMES, DOOR FRAMES, AND HANDRAILS TO BE PAINTED P-6 UNLESS OTHERWISE NOTED.

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TIPPECANOE VALLEY HIGH SCHOOL A&R

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ARCHITECT

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350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSTRUCTION DOCUMENTS

WILLIAM E. PAYNE REGISTERED No. 4169 STATE OF INDIANA ARCHITECT

PROJECT MANAGER: MKS

DRAWN BY: CLO

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: ADDENDUM 1 – 3/29/2022

REV. NO.	DESCRIPTION	DATE
1	Revision 1	2/18/15

LIST OF FINISHES

A8S.01

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ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	GYMNASIUM #2	13014 SF

ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B111	STORAGE	697 SF
B112	FIELD HOUSE	13884 SF

ROOM LEGEND - FIRST FLOOR UNIT C		
ROOM NO.	ROOM NAME	AREA (SF)
C101	HALL OF CHAMPIONS	1608 SF
C102	LOCKERS	1271 SF
C103	RESTROOM	206 SF
C104	TRAIN	159 SF
C105	OFFICE	297 SF
C106	RR	64 SF
C107	OFFICE	165 SF
C108	RR	64 SF
C109	JANITOR	36 SF
C110	LOCKERS	658 SF
C111	RESTROOM	206 SF
C112	CARDIO	454 SF
C113	MEZZANINE ACCESS	61 SF
C114	WEIGHT ROOM	4453 SF
C115	OFFICE	128 SF

FIRE PROTECTION PLAN NOTES

1 EXISTING UNSPRINKLERED BUILDING AREA TO REMAIN.

2 PROVIDE CLASS III HOSE STATION TO SERVE STAGE.

3 WORK CONTINUED ON ENLARGED PLANS.

4 SPACE/ROOM IS CONSIDERED ORDINARY HAZARD 1.

5 SPACE/ROOM IS CONSIDERED ORDINARY HAZARD 2.

6 PROVIDE INTERMEDIATE TEMPERATURE SPRINKLERS AT UNDERSIDE OF SKYLIGHT PER NFPA 13 REQUIREMENTS.

7 FIRE SERVICE ENTRY AND SPRINKLER ZONES.

8 PROVIDE LISTED SPRINKLERS CAGES IN THIS SPACE.

9 PIPING EXTENDS TO FIRE PUMP HOUSE ON SITE PLAN.

10 PROVIDE UPRIGHT SPRINKLERS UNDER RAIL OF ROLL BACK OVERHEAD DOOR.

11 PROVIDE DRY SIDEWALL SPRINKLERS.

12 PROVIDE SUPERVISED VALVE AND CHECK AT ACCESSIBLE ELEVATION ADJACENT HOSE CABINET. VALVE TO ISOLATE BOTH HOSE CABINETS FROM SPRINKLER SYSTEM.

13 PROVIDE SPRINKLERS ABOVE POOL DECK. SPRINKLERS ABOVE POOL FOOTPRINT NOT IN SPRINKLER SCOPE. REFER TO VARIANCE REQUIREMENTS.

14 PROVIDE SPRINKLERS AT THE UNDERSIDE OF STRUCTURE AND WITHIN THE CLOUD CEILING ELEMENTS IN THIS SPACE.

GENERAL FIRE PROTECTION NOTES

A. ALL FIRE PROTECTION WORK PERFORMED ON THIS PROJECT SHALL BE SIZED PER HYDRAULIC CALCULATIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALL DUCTWORK, RACEWAYS, CABLE TRAYS CONDUITS, STRUCTURAL MEMBERS, PIPING AND ARCHITECTURAL CEILING HEIGHTS AND DESIGN INTENT. ALL FIRE PROTECTION WORK SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE NFPA, BUILDING CODE, FIRE CODE AND THE AUTHORITY HAVING JURISDICTION TO DELIVER A PENALTY FREE SYSTEM.

B. REFER TO DIVISION 21 SPECIFICATIONS FOR SYSTEM REQUIREMENTS.

C. ALL DIVISION 21 SCOPE SHALL BE COORDINATED WITH OTHER TRADES. DIVISION 21 SYSTEM COMPONENTS SHALL BE INSTALLED TO MAINTAIN SERVICE AND ACCESS CLEARANCE TO EQUIPMENT BY OTHER TRADES. ANY DIVISION 21 SCOPE DEEMED TO BE IN CONFLICT WITH OTHER TRADES SHALL BE RELOCATED AT THE COST OF THE CONTRACTOR.

D. REFER TO ARCHITECTURAL AND STRUCTURAL DOCUMENTS FOR CEILING TYPES AND AVAILABLE WORKING SPACE.

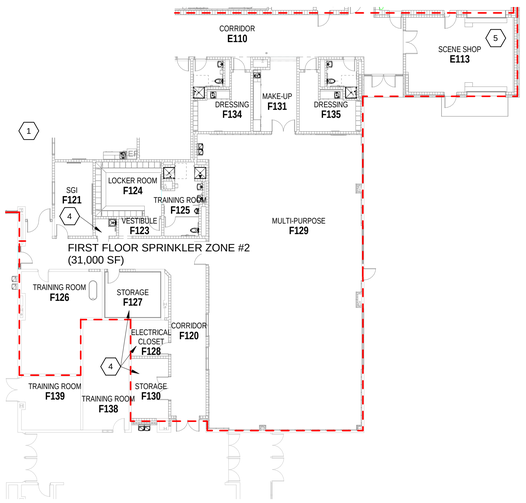
E. PROVIDE ALL REQUIRED STRUCTURAL SUPPORTS.

F. SPRINKLER TYPES PER AREA SHALL BE PER THE DIVISION 21 SPECIFICATIONS.

G. REFER TO ARCHITECTURAL AND MECHANICAL DOCUMENTS FOR LARGE OBSTRUCTIONS AND CLOUD TYPE CEILINGS REQUIRING SPRINKLERS ABOVE AND BELOW OBSTRUCTIONS. SUPPLEMENTAL SPRINKLERS ARE REQUIRED THROUGHOUT THE CEILING OF THE AUDITORIUM AND STAGE.

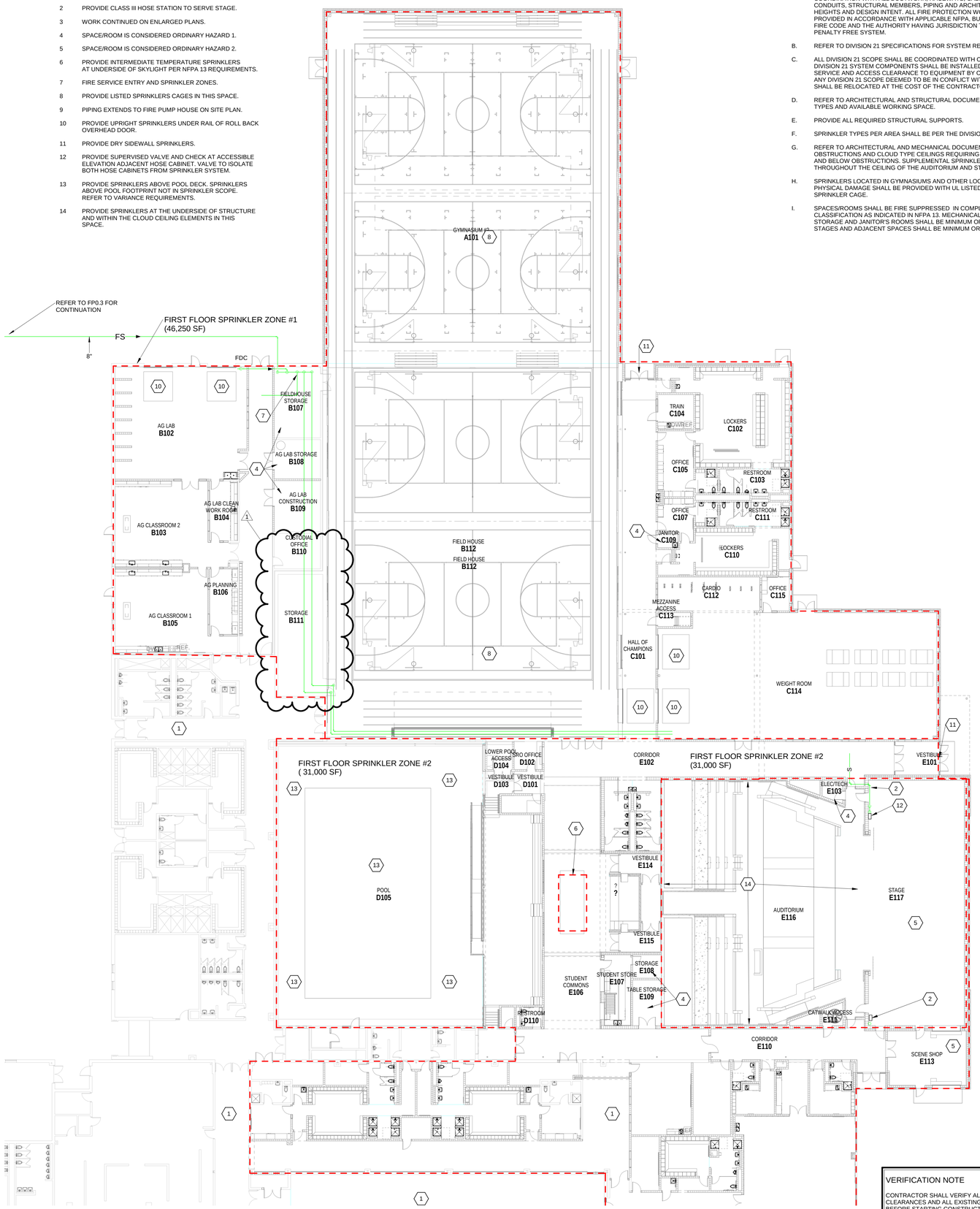
H. SPRINKLERS LOCATED IN GYMNASIUMS AND OTHER LOCATIONS SUBJECT TO PHYSICAL DAMAGE SHALL BE PROVIDED WITH UL LISTED PROTECTIVE SPRINKLER CAGE.

I. SPACES/ROOMS SHALL BE FIRE SUPPRESSED IN COMPLIANCE WITH HAZARD CLASSIFICATION AS INDICATED IN NFPA 13. MECHANICAL, ELECTRICAL, TECH, STORAGE AND JANITOR'S ROOMS SHALL BE MINIMUM ORDINARY HAZARD 1. STAGES AND ADJACENT SPACES SHALL BE MINIMUM ORDINARY HAZARD 2.



01-FIRE SUPPRESSION - FIRST FLOOR Copy 1

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



01-FIRE SUPPRESSION - FIRST FLOOR

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

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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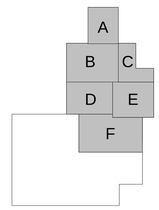

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CSS

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 3/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

FIRST FLOOR FIRE PROTECTION PLAN

FP2.01

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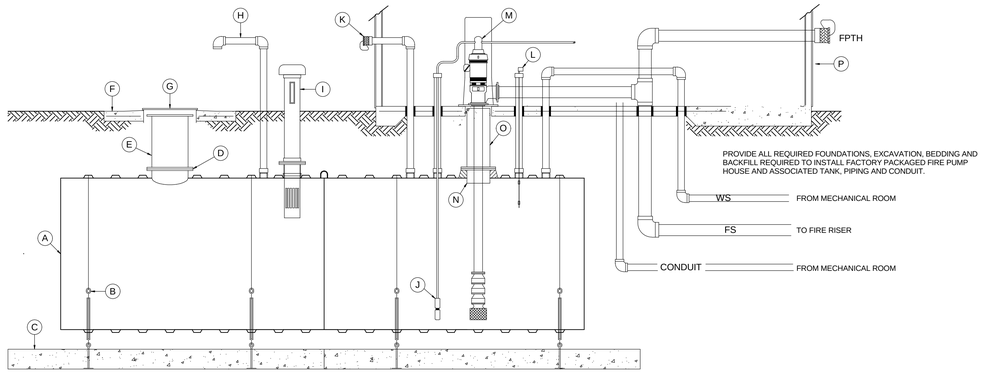
MARK		MARK	
A	50,000 GALLON FIRE SUPPRESSION WATER STORAGE TANK	I	10" NPT FITTING WITH VENT/LEVEL INDICATOR ASSEMBLY
B	HOLD DOWN STRAP & TURNBUCKLE ASSEMBLY	J	4" NPT FTG w/JOCKEY PUMP & GALVANIZED THREADED LINE
C	PRECAST DEADMAN ANCHOR WITH EYEBOLTS	K	4" NPT FTG w/ NST REMOTE FILL OR RECIRCULATING POINT
D	FLANGED MANWAY	L	4" NPT FTG w/ FLOAT SWITCH FOR HIGH/LOW WATER ALARM
E	MANWAY EXTENSION	M	VERTICAL PUMP w/ DISCHARGE HEAD AND MULTI STAGE BOWL
F	H-20 AXLE LOAD CONCRETE APRON	N	14" FLANGED FRP NOZZLE
G	36" DIAMETER MANHOLE AND COVER	O	14" FLANGED FRP NOZZLE EXTENSION
H	6" TANK VENT	P	FACTORY ASSEMBLED PUMP BUILDING

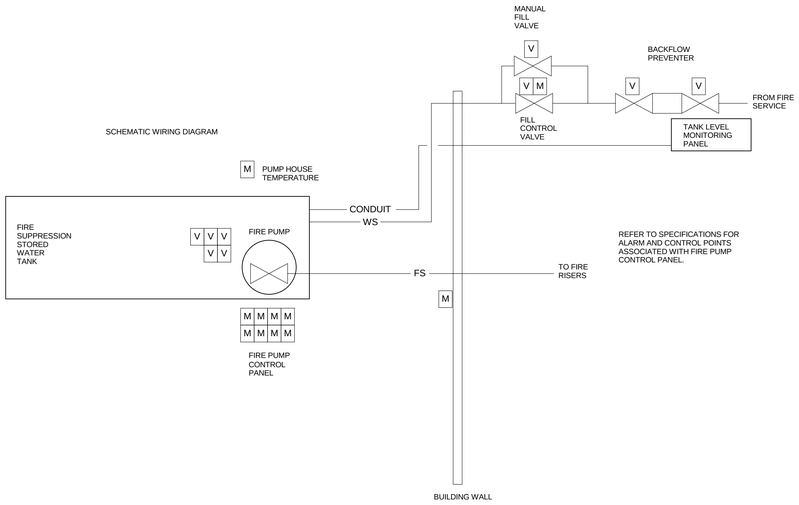
REFER TO ADDITIONAL DETAILS AND EQUIPMENT SUPPLIER DOCUMENTS FOR ADDITIONAL VALVES AND PIPING.

PROVIDE VALVED FIRE PUMP TEST FLOW METER BYPASS AND ASSOCIATED PIPING AND PENETRATION BACK INTO WATER STORAGE TANK.

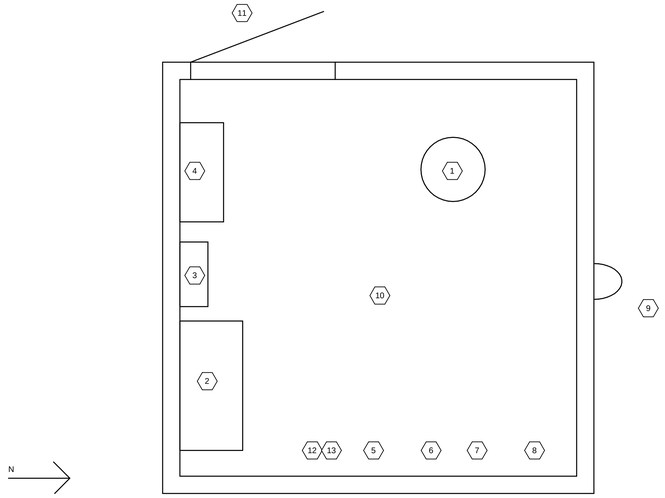


QTY	TANK MONITORING AND CONTROL POINTS	FA	FA & TANK	TANK MONITORING	NOTES
2	TANK WATER LEVEL RESTORED (ELEV. SETPOINT) - CLOSE FILL VALVE		X		
1	TANK WATER LEVEL 6" BELOW SETPOINT - ACTUATE FILL VALVE			X	
2	TANK WATER LEVEL 12" BELOW SETPOINT		X		
1	PUMP HOUSE TEMPERATURE BELOW 40 DEGREE F.		X		
2	TANK OUTLET SHUT OFF VALVE SUPERVISION		X		
2	MANUAL TANK FILL BYPASS SHUT OFF VALVE SUPERVISION		X		

GENERAL NOTES
ALARM POINTS INDICATED TO BE DISTRIBUTED TO THE FIRE ALARM SYSTEM SHALL BE BY MODULE/RELAY ATTACHMENT THAT IS LISTED AND COMPATIBLE WITH BUILDING FIRE ALARM SYSTEM.
ALARM POINTS INDICATED TO BE DISTRIBUTED TO THE TANK MONITORING SYSTEM SHALL BE BY SENSORS AND/OR AQUASTATS COMPATIBLE WITH THE TANK MONITORING SYSTEM.
CONTROL WIRING, CONDUIT, BEDDING, BACKFILL TO TANK FILL VALVE FROM TANK MONITORING SYSTEM SHALL BE INCLUDED IN SCOPE.



REFER TO SPECIFICATIONS FOR ALARM AND CONTROL POINTS ASSOCIATED WITH FIRE PUMP CONTROL PANEL.



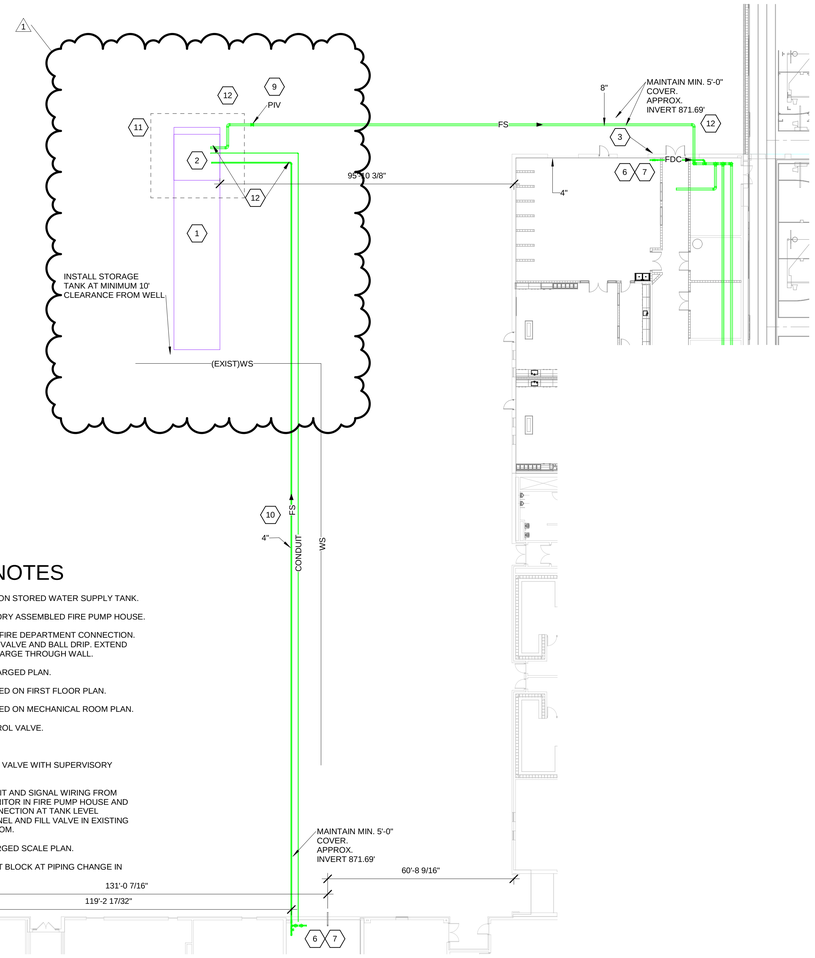
2 FIRE PUMP HOUSE ASSEMBLY PLAN
N.T.S.

PUMP HOUSE NOTES

1 VERTICAL TURBINE FIRE PUMP.
2 FIRE PUMP CONTROL PANEL AND ATS.
3 JOCKEY PUMP CONTROL PANEL.
4 PUMP HOUSE ELECTRICAL PANEL.
5 FIRE PUMP DISCHARGE TO FIRE RISER.
6 WATER SERVICE AND TANK FILL PIPE.
7 TANK LEVEL SENSOR CONDUIT ENTRY.
8 WATER TANK DRAFT CONNECTION.
9 FIRE PUMP TEST HEADER.
10 FIRE PUMP TEST METER BYPASS.
11 ENTRY DOOR.
12 UNIT HEATER.
13 EXHAUST FAN.

PUMP HOUSE GENERAL NOTES

LOCATION OF COMPONENTS INDICATED ON PLAN FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. COORDINATE ALL SERVICE AND UTILITY CONNECTIONS WITH FINAL EQUIPMENT SUPPLIER DOCUMENTS. CONTRACTOR SCOPE INCLUDES COMPLETE AND FUNCTIONAL ASSEMBLY AS INDICATED IN THE DRAWINGS. COMPONENTS, ELEMENTS, AND SERVICES EXCLUDED FROM FACTORY ASSEMBLY SHALL BE INCLUDED IN THE FIELD FURNISHED AND INSTALLED PROJECT SCOPE.



PLAN NOTES

1 FIRE SUPPRESSION STORED WATER SUPPLY TANK.
2 EXTERIOR FACTORY ASSEMBLED FIRE PUMP HOUSE.
3 WALL MOUNTED FIRE DEPARTMENT CONNECTION. PROVIDE CHECK VALVE AND BALL DRIP. EXTEND BALL DRIP DISCHARGE THROUGH WALL.
4 REFER TO ENGLARGED PLAN.
5 SCOPE CONTINUED ON FIRST FLOOR PLAN.
6 SCOPE CONTINUED ON MECHANICAL ROOM PLAN.
7 TANK FILL CONTROL VALVE.
8 FIRE RISERS.
9 POST INDICATOR VALVE WITH SUPERVISORY ATTACHMENT.
10 PROVIDE CONDUIT AND SIGNAL WIRING FROM TANK LEVEL MONITOR IN FIRE PUMP HOUSE AND EXTEND TO CONNECTION AT TANK LEVEL MONITORING PANEL AND FILL VALVE IN EXISTING MECHANICAL ROOM.
11 REFER TO ENLARGED SCALE PLAN.
12 PROVIDE THRUST BLOCK AT PIPING CHANGE IN DIRECTION.

01-FIRE SUPPRESSION - SITE PLAN
SCALE: 1" = 20'-0"

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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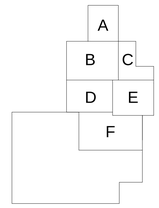

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: CSS
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 3/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

FIRE SUPPRESSION SITE PLAN AND DETAILS

FP.03

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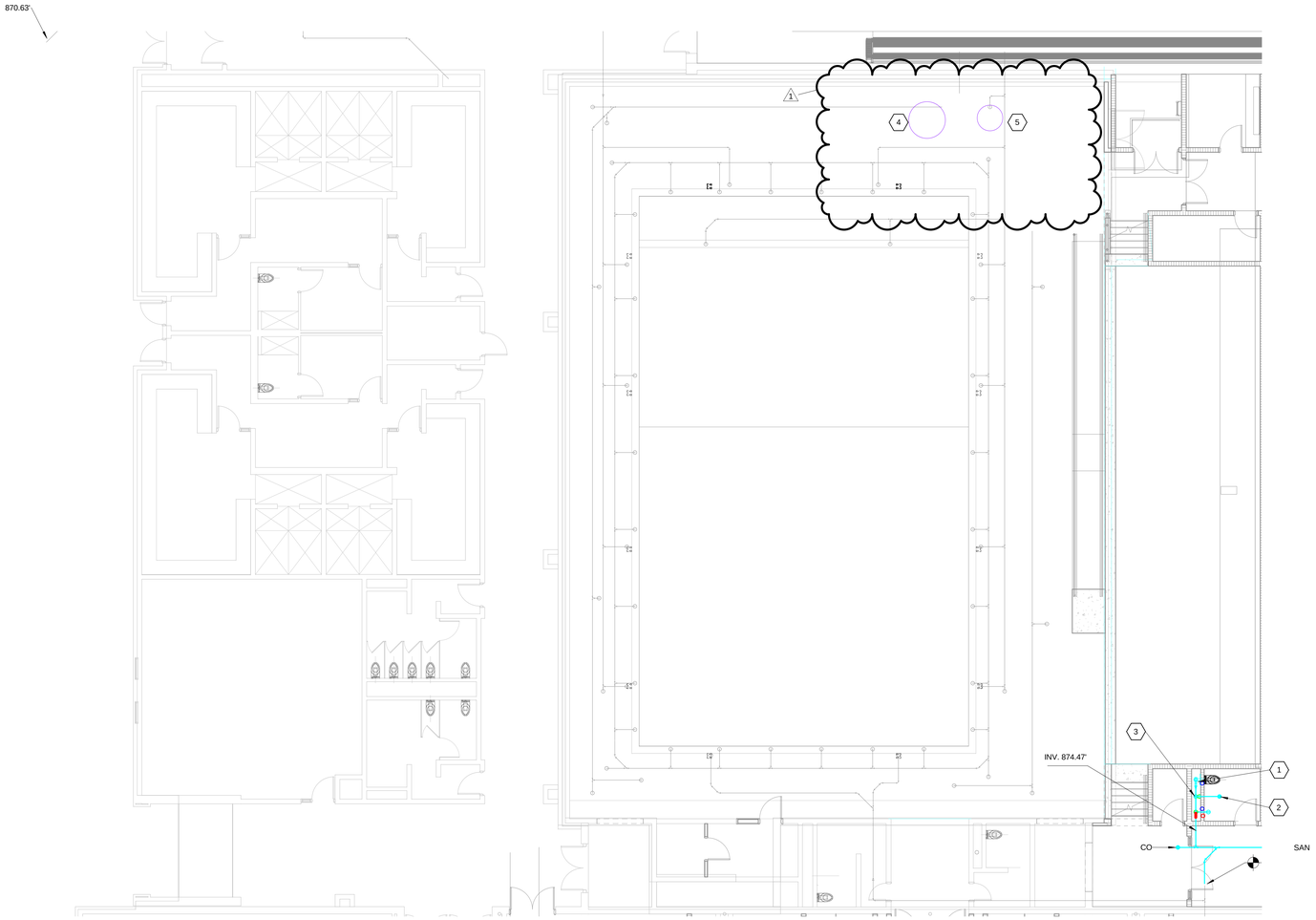

PLUMBING FOUNDATION - UNIT D

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

PLAN NOTES

1 4" WASTE FROM ABOVE.

2 2" WASTE FROM ABOVE.

3 1.5" VENT FROM ABOVE.

4 PROVIDE DUPLEX SUMP PUMP POOL DRAIN BASIN SYSTEM AT LOCATION OF EXISTING. PROVIDE 48" DIAMETER X 6' DEEP FIBERGLASS BASIN WITH SEALED AND VENTED STAINLESS STEEL LID. BASIS OF DESIGN BASIS BY TOPP. PROVIDE TWO SUBMERSIBLE DOUBLE SEAL SUMP PUMPS, 140 GPM @ 25 FT HEAD EACH PUMP, 2HP, 480V-3PH. PROVIDE COMPATIBLE ALTERNATING CONTROL PANEL, FOUR SWITCH MECHANICAL FLOAT SWITCH CONTROLS SYSTEM. PROVIDE COMPATIBLE RAIL SYSTEM. ALL INTERIOR COMPONENTS SHALL BE STAINLESS STEEL OR CORROSION RESISTANT. DISCONNECT ALL INLETS, VENTS, OUTLETS AND PROVIDE NEW CONNECTIONS TO EACH. PROVIDE NEW SHUT OFF VALVES AND CHECK VALVES. VALVES AND PIPING EQUAL TO EXISTING. BASIS OF DESIGN, ZOELLER G4404. PROVIDE NEMA 4X CONTROL PANEL.

5 PROVIDE DUPLEX SUMP PUMP SYSTEM AT LOCATION OF EXISTING. PROVIDE 36" DIAMETER X 6' DEEP FIBERGLASS BASIN WITH SEALED AND VENTED STAINLESS STEEL LID. BASIS OF DESIGN BASIS BY TOPP. PROVIDE TWO SUBMERSIBLE DOUBLE SEAL SUMP PUMPS, 200 GPM @ 25 FT HEAD EACH PUMP, 3HP, 480V-3PH. PROVIDE COMPATIBLE ALTERNATING CONTROL PANEL, FOUR SWITCH MECHANICAL FLOAT SWITCH CONTROLS SYSTEM. PROVIDE COMPATIBLE RAIL SYSTEM. ALL INTERIOR COMPONENTS SHALL BE STAINLESS STEEL OR CORROSION RESISTANT. DISCONNECT ALL INLETS, VENTS, OUTLETS AND PROVIDE NEW CONNECTIONS TO EACH. PROVIDE NEW SHUT OFF VALVES AND CHECK VALVES. VALVES AND PIPING EQUAL TO EXISTING. BASIS OF DESIGN, ZOELLER G4405. PROVIDE NEMA 4X CONTROL PANEL.

POOL RENOVATION PLUMBING SCOPE

DIVISION 22 POOL EQUIPMENT SCOPE SHALL INCLUDE THE REMOVAL, DISCONNECTION AND CAPPING OF POOL DECK DRAINS AS INDICATED ON PL SERIES, ARCHITECTURAL DRAWINGS, EQUIPMENT SUPPLIER DOCUMENTS AND PLUMBING DOCUMENTS. INCLUDE THE PROVISION OF ALL NEW DECK DRAINS IN PROJECT SCOPE. PROVIDE ALL PIPING SUPPORTS AS REQUIRED FOR NEW PIPING.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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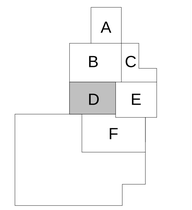

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CSS

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 3/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT D - FOUNDATION PLUMBING PLAN

P2.04

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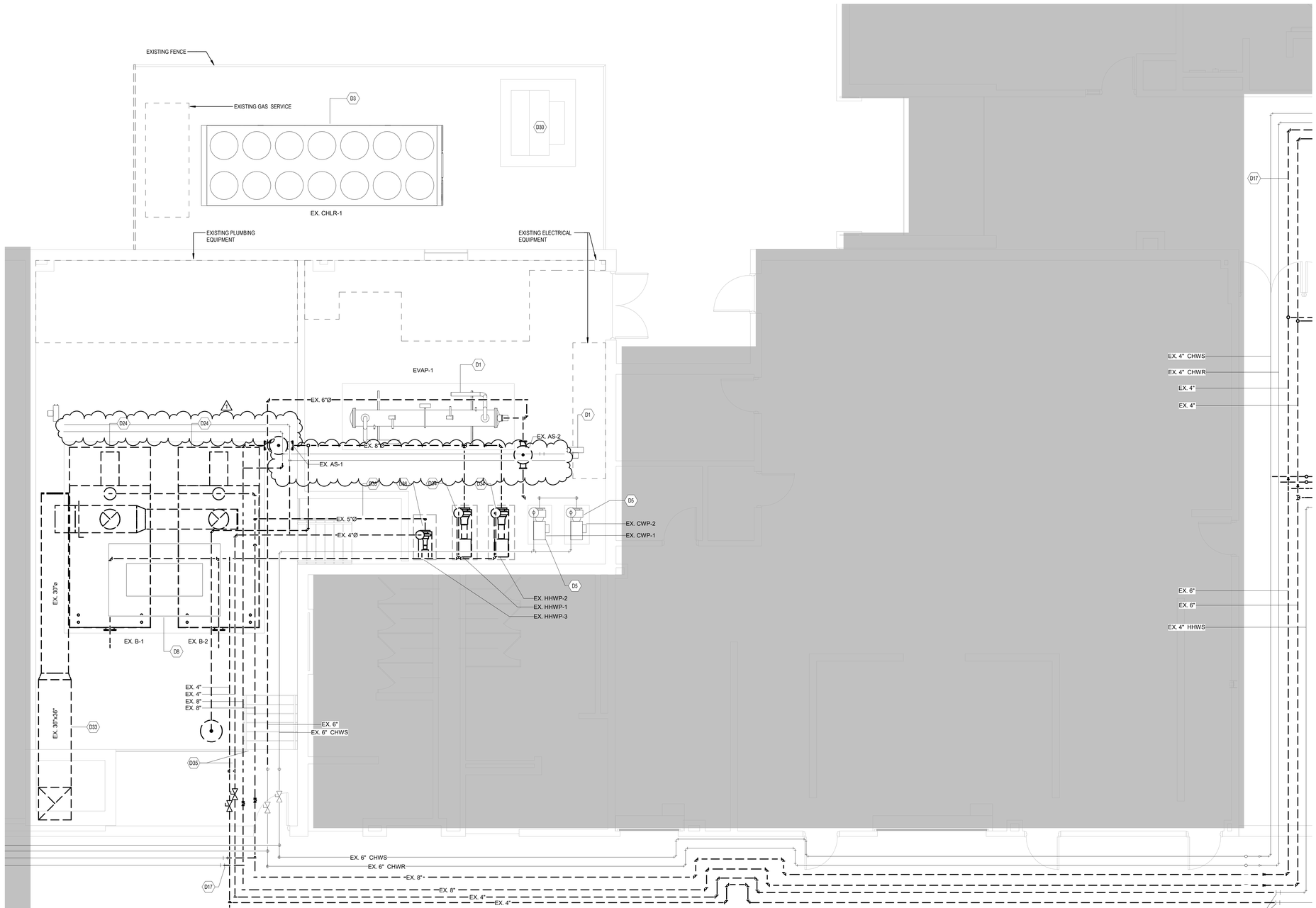

MECHANICAL ROOM DEMOLITION PLAN - MECHANICAL

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

MECHANICAL DEMOLITION PLAN GENERAL NOTES

A. THE DIVISION 23 CONTRACTOR SHALL VISIT THE PROJECT AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT.
B. WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF OLD WORK, SAME SHALL BE PATCHED TO MATCH THE ADJACENT SURFACES BY THIS CONTRACTOR.
C. EXISTING OPENINGS WHICH ARE TO BE REUSED SHALL NOT BE REMOVED AND SHALL BE MODIFIED OR ENLARGED AS NEED BE TO SUIT THE NEW SYSTEMS. PROVIDE ALL REQUIRED CUTTING AND PATCHING TO MATCH ADJACENT SURFACES.
D. IF ASBESTOS IS PRESENT CONTACT THE CONSTRUCTION MANAGER. IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPERATE CONTRACT BY THE OWNER.
E. THE OWNER SHALL HAVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE. CONTRACTOR IS REQUIRED TO VERIFY THAT THE OWNER DOES NOT WANT TO CLAIM AN ITEM BEFORE DISPOSING THEM OFF SITE.
F. ALL FLOOR, WALL AND ROOF CUTTING WORK TO BE DONE BY DIVISION 23-HVAC CONTRACTOR UNLESS OTHERWISE NOTED. PATCH ALL FLOOR, WALL AND ROOF OPENINGS THAT ARE NOT REUSED TO MATCH ADJACENT CONSTRUCTION.
G. DIVISION 23 CONTRACTOR IS RESPONSIBLE TO REMOVE EXISTING CEILINGS TO DO WORK ABOVE THE CEILINGS AND REINSTALL THOSE CEILINGS AFTER COMPLETION OF WORK. IF ANY CEILING PADS OR GRIDS ARE DAMAGED, THIS CONTRACTOR SHALL REPLACE WITH NEW.

MECHANICAL DEMOLITION PLAN NOTES (X)

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

D1 EXISTING EQUIPMENT TO REMAIN.
D3 EXISTING CHILLER TO REMAIN. REMOVE AND REPLACE EXTERIOR REFRIGERANT PIPING INSULATION.
D5 EXISTING BASE MOUNTED PUMP TO REMAIN.
D8 EXISTING ROOF MOUNTED INTAKE/REFLIEF VENTILATOR TO REMAIN.
D17 REMOVE EXISTING PIPING BACK TO THE POINT INDICATED. REFER TO THE NEW WORK PLAN FOR CONNECTION OF PIPING. DISPOSE OF MATERIAL OFF SITE
D24 REMOVE BOILER COMPLETELY INCLUDING PIPING, VALVES, INSULATION, HANGERS, SUPPORTS, ANCHORS, PIPING, EXHAUST FLUE ETC. AND DISPOSE OF ALL MATERIALS OFFSITE
D30 APPROXIMATE LOCATION OF EXISTING ELECTRICAL TRANSFORMER.
D33 EXISTING FLUE EXHAUST DUCTWORK TO BE REMOVED AND DISPOSED OF OFF-SITE. REPAIR/PATCH EXISTING ROOF TO MATCH ADJACENT CONSTRUCTION IN SUCH A MANNER THAT IT DOES NOT VOID ANY ROOFING WARRANTIES THE OWNER MAY HAVE.
D34 REMOVE BASE MOUNTED PUMP COMPLETELY INCLUDING PIPING, VALVES, INSULATION, HANGERS, SUPPORTS, ANCHORS, ETC. AND DISPOSE OF ALL MATERIALS OFFSITE. EXISTING CONCRETE BASE TO REMAIN IF APPLICABLE. COORDINATE ALL DISCONNECT REQUIREMENTS WITH ELECTRICAL CONTRACTOR PRIOR TO REMOVAL.
D35 REMOVE EXISTING HEATING WATER SUPPLY / RETURN PIPING FOUND IN THIS ROOM INCLUDING, VALVES, INSULATION, HANGERS, SUPPORTS, ANCHORS, AIR SEPARATORS, ETC. DISPOSE OF ALL MATERIALS OFFSITE.
D36 EXISTING POOL HOT WATER PUMP, STARTER/DISCONNECT, CONTROLS AND ACCESSORIES TO BE REMOVED AND RELOCATED TO MECHANICAL PENTHOUSE. REFER TO NEW PLANS FOR APPROXIMATE LOCATION.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

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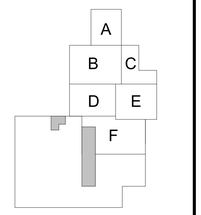

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL DEMOLITION

MD.03

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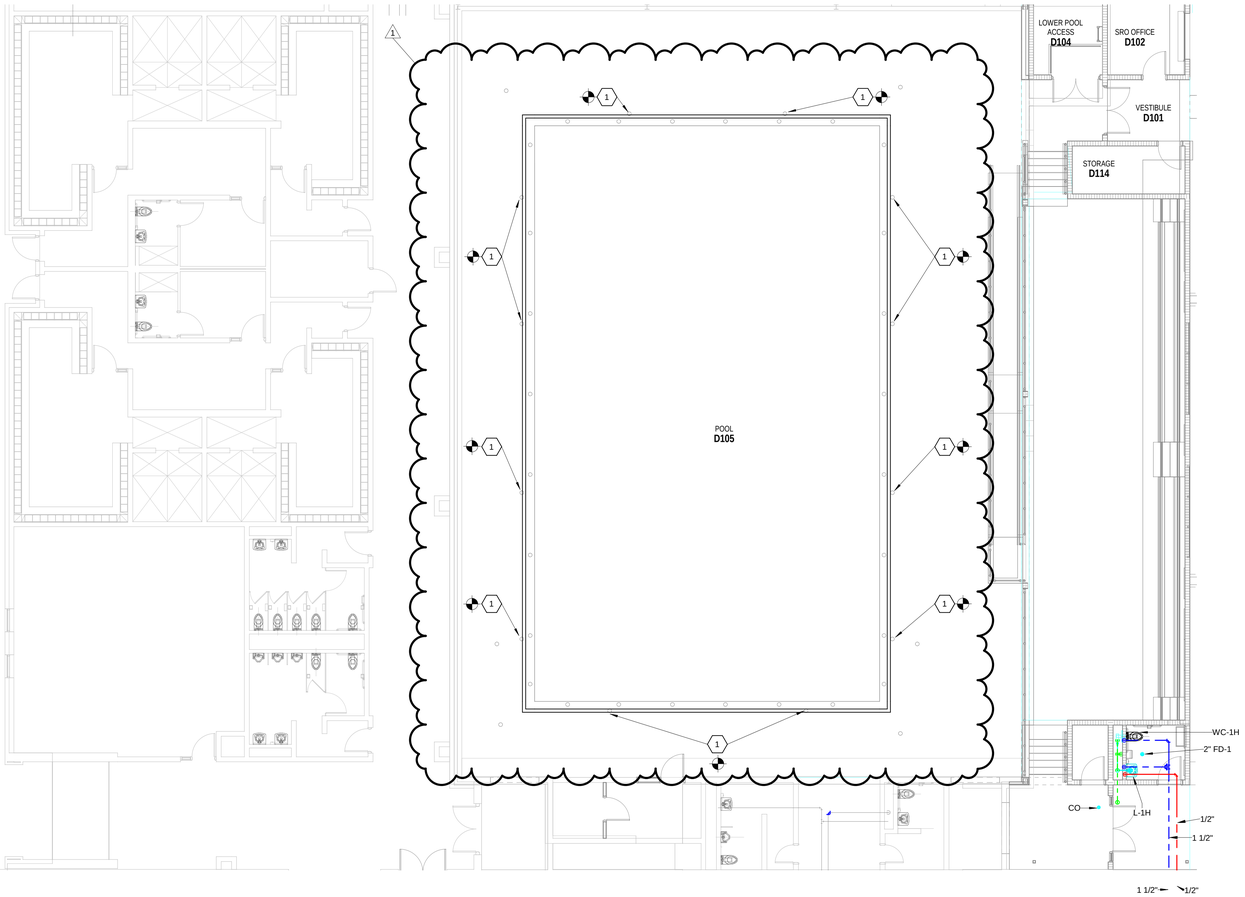

01 PLUMBING - FIRST FLOOR - UNIT D

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

PLAN NORTH

ROOM LEGEND - FIRST FLOOR UNIT D		
ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	SRO OFFICE	101 SF
D103	VESTIBULE	120 SF
D104	LOWER POOL ACCESS	90 SF
D105	POOL	7300 SF
D106	VESTIBULE	164 SF
D107	VESTIBULE	78 SF
D108	VESTIBULE	172 SF
D109	CORRIDOR	111 SF
D110	RESTROOM	55 SF
D111	STORAGE	48 SF
D112	OFFICE	90 SF
D113	VESTIBULE	98 SF
D114	STORAGE	92 SF
D115	STORAGE	34 SF

1

PLAN NOTES

1 PROVIDE CONTINUOUS MODULAR POLYETHYLENE BODY, POLYETHYLENE HEEL PROOF GRATE AROUND PERIMETER OF POOL. PROJECT SCOPE INCLUDES REVISION OF THE EXISTING DECK DRAINAGE PIPING TO ACCOMMODATE NEW 2" TRENCH DRAIN OUTLETS. FIELD COORDINATE EXACT OUTLET LOCATIONS. PROVIDE ALL NECESSARY PENETRATIONS SAWCUTTING, BEDDING CONCRETE AND SLAB REPAIR TO INSTALL TRENCH DRAIN. BASIS OF DESIGN TRENCH DRAIN SYSTEM, ZURN MODEL Z883-HPP-U2. REFER TO "PL" SERIES DRAWINGS FOR ADDITIONAL INFORMATION.

1

POOL RENOVATION PLUMBING SCOPE

DIVISION 22 POOL EQUIPMENT SCOPE SHALL INCLUDE THE REMOVAL, DISCONNECTION AND CAPPING OF POOL DECK DRAINS AS INDICATED ON PL SERIES, ARCHITECTURAL DRAWINGS. EQUIPMENT SUPPLIER DOCUMENTS AND PLUMBING DOCUMENTS. INCLUDE THE PROVISION OF ALL NEW DECK DRAINS IN PROJECT SCOPE. PROVIDE ALL PIPING SUPPORTS AS REQUIRED FOR NEW PIPING.

VERIFICATION NOTE

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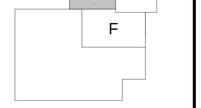

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: CSS

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 3/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT D - FIRST FLOOR PLUMBING PLAN

P2.10

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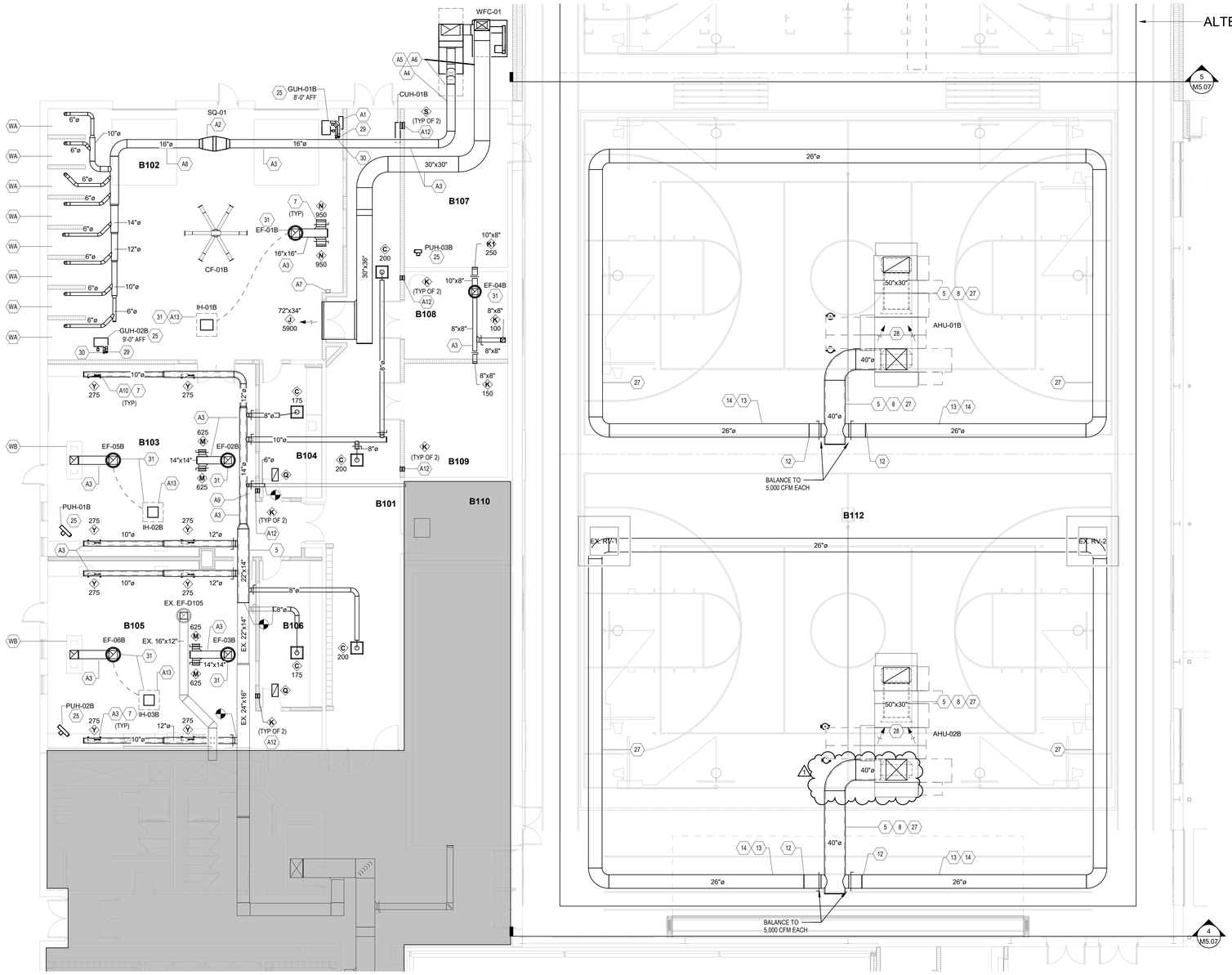
ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	**ROOM NAME**	**AREA (SF)**
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B112	FIELD HOUSE	13884 SF



UNIT B - FIRST FLOOR VENTILATION PLAN

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

NOTES - WELDING EXHAUST COLLECTION DEVICE SCHEDULE				
MARK	**COLLECTION DEVICE**	**DUCT SIZE**	**EXHAUST RATE**	**NOTES**
WA	EXTRACTION ARM	6" Ø	750 CFM	1,2,3,4,6
WB	EXTRACTION HOOD	10" Ø	1500 CFM	1,2,3,5

NOTE:
1. REFER TO SPECIFICATION SECTION 238061.
2. REFER TO DETAILS FOR ADDITIONAL REQUIREMENTS.
3. COORDINATE INSTALLATION WITH ALL TRADES.
4. EXTRACTION ARM SHALL BE CAPABLE OF MOVEMENT WITHOUT OBSTRUCTIONS FROM OTHER TRADES.
5. PROVIDE 6'-0" x 2'-6" EXHAUST HOOD. PROVIDE 12" DIAMETER EXHAUST DUCT CONNECTION TO HOOD. EXHAUST HOOD SHALL BE SUPPORTED FROM ALL FOUR CORNERS OR AS REQUIRED FROM STRUCTURE ABOVE COMPLETE WITH SUPPLEMENTAL STEEL. HOOD SHALL BE INSTALLED WITH BOTTOM AT 8'-0" AFF. HOOD SHALL BE PROVIDED WITH INTEGRAL LED LIGHT.
6. EXTRACTION ARM SHALL HAVE A COUNTER WEIGHT TO ALLOW FOR EASY MOVEMENT.

VENTILATION PLAN GENERAL NOTES

A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

5 PROVIDE DUCTWORK WITH INTERNAL LINED INSULATION.
7 PAINT AIR DEVICES TO COLOR SELECTED BY ARCHITECT.
8 PAINT DUCTWORK TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.
12 TRANSITION SHEET METAL TO FABRIC DUCT. REFER TO DETAIL.
13 INSTALL FABRIC DUCTWORK WITH 1-ROW SUSPENSIONS SYSTEM WITH INTERNAL HOOPS. REFER TO DETAILS.
14 FABRIC DUCTWORK SHALL BE PROVIDED WITH LINEAR VENTS. LINEAR VENTS SHALL BE LOCATED PER MANUFACTURERS RECOMMENDATIONS. SIZE OF LINEAR VENTS SHALL BE AS REQUIRED BY FABRIC DUCTWORK MANUFACTURER. PROVIDE ADJUSTABLE FLOW DEVICE AS REQUIRED BY FABRIC DUCTWORK MANUFACTURER.
25 SUPPORT UNIT HEATER FROM STRUCTURE ABOVE WITH SUPPLEMENTAL STEEL AND THREADED ROD AS REQUIRED.
27 ROUTE DUCTWORK BETWEEN/THROUGH STRUCTURAL STEEL. COORDINATE EXACT LOCATION WITH STRUCTURAL CONTRACTOR AND ALL OTHER TRADES.
28 END OF DUCT OPEN TO PLENUM SPACE ABOVE CEILING. OPENING TO BE PROTECTED WITH BIRDSCREEN.
29 PVC INTAKE PIPE FROM THE GAS UNIT HEATER CONNECTION TERMINATED THROUGH THE ROOF. INTAKE PIPE SIZE AND INSTALLATION PER MANUFACTURERS REQUIREMENTS.
30 AL-29-4C FLUE PIPE SYSTEM FROM THE GAS UNIT HEATER TERMINATED THROUGH THE ROOF. FLUE PIPE SIZE AND INSTALLATION PER MANUFACTURERS REQUIREMENTS.
31 NEW ROOF MOUNTED MECHANICAL EQUIPMENT. REFER TO DETAIL # 15 ON SHEET S5.01
A1 APPROXIMATE LOCATION OF WELDING EXHAUST CONTROLLER. REFER TO SPECIFICATION SECTION 238061 FOR MORE INFORMATION ON CONTROLLER. COORDINATE EXACT LOCATION WITH ALL TRADES.
A2 WELDING SPARK ARRESTOR. REFER TO SPECIFICATIONS.
A3 EXPOSED DUCTWORK TO BE PAINTED. COORDINATE COLOR WITH ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.
A4 APPROXIMATE LOCATION OF BLAST GATES FOR WELDING EXHAUST SYSTEMS. COORDINATE LOCATION WITH ALL TRADES. REFER TO SPECIFICATIONS.
A5 DUCTWORK SHALL BE INSULATED, WRAPPED WITH A WATERPROOF MEMBRANE AND THEN PAINTED. COORDINATE EXACT COLOR WITH ARCHITECT/ENGINEER. REFER TO SPECIFICATIONS.
A6 DUCTWORK SHALL BE PROPERLY SUPPORTED.
A7 APPROXIMATE LOCATION OF HIGH VOLUME LOW SPEED CEILING FAN CONTROLLER. COORDINATE EXACT LOCATION WITH ALL TRADES.
A8 ROUTE DUCTWORK TO AVOID OVERHEAD DOOR. COORDINATE WITH ALL TRADES.
A9 BALANCE DAMPER TO 50 CFM
A10 AIR DEVICE TO BE MOUNTED AT 45 DEGREES ON SUPPLY DUCT. REFER TO DETAIL. AIR DEVICE TO BE INCLUDED WITH FACTORY MOUNTED DAMPER. (TYPICAL OF 8)
A12 AIR TRANSFER WALL OPENING LOCATED NEAR 10' - 0". COORDINATE EXACT HEIGHT AND LOCATION WITH ALL TRADES.
A13 RELIEF AIR CONTROL DAMPER TO BE PROVIDED IN DUCTWORK. DAMPER AND OPERATORS PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANCIAL CONTRACTOR. RELIEF HOOD DAMPER SHALL OPEN WHEN EXHAUST FAN, SERVING LOCAL DEMONSTRATION HOOD, IS ACTIVATED.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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ARCHITECT

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A B C D E F

PLAN NORTH

KEY PLAN

100% CONSTRUCTION DOCUMENTS

MARK Z. HOSE REGISTERED No. PE 12005021 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR VENTILATION - UNIT B

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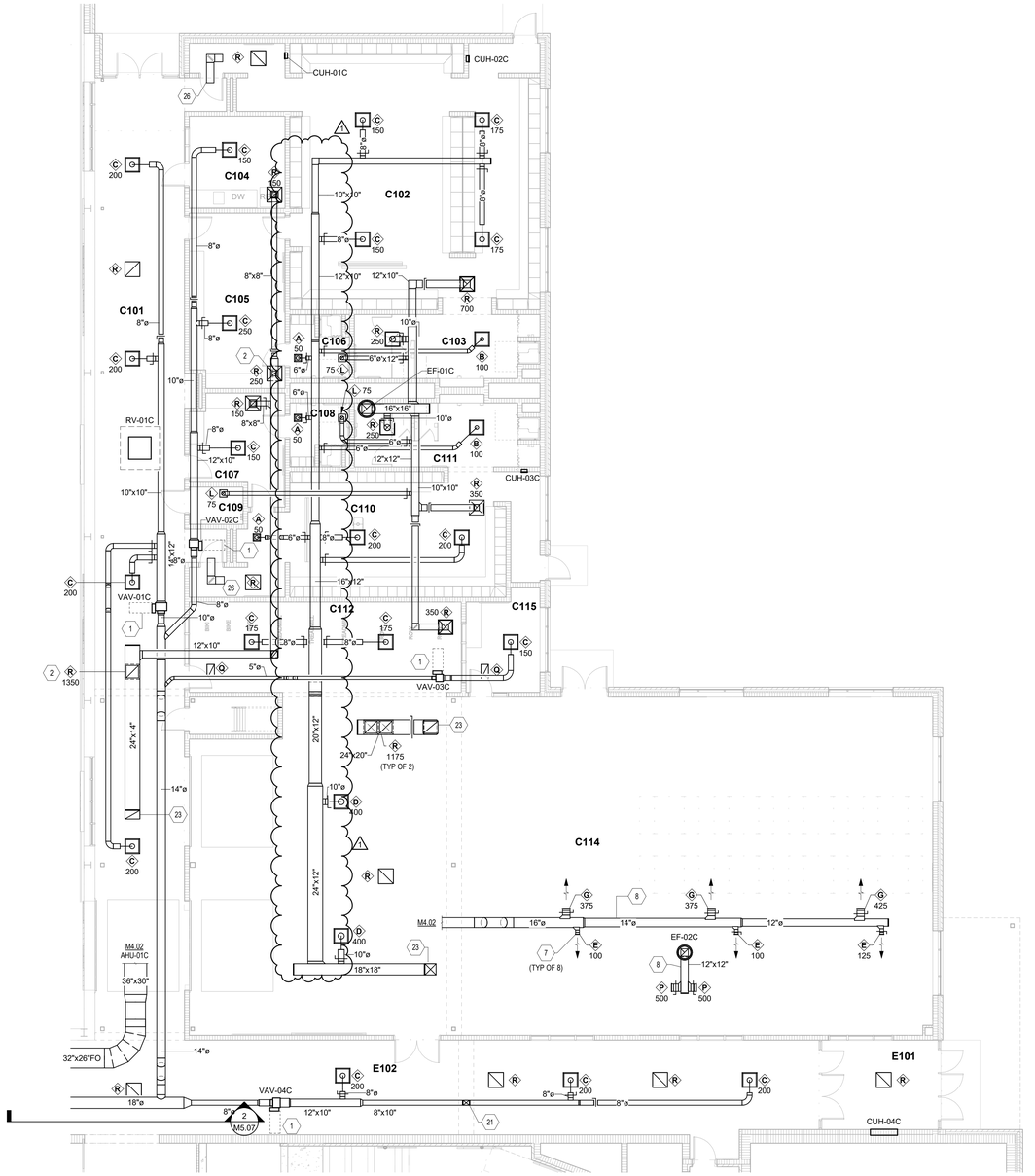

UNIT C - FIRST FLOOR VENTILATION PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT C

ROOM NO.	ROOM NAME	AREA (SF)
C101	HALL OF CHAMPIONS	1608 SF
C102	LOCKERS	1271 SF
C103	RESTROOM	206 SF
C104	TRAIN	159 SF
C105	OFFICE	297 SF
C106	RR	64 SF
C107	OFFICE	165 SF
C108	RR	64 SF
C109	JANITOR	36 SF
C110	LOCKERS	658 SF
C111	RESTROOM	206 SF
C112	CARDIO	454 SF
C114	WEIGHT ROOM	4453 SF
C115	OFFICE	128 SF
C201	MECHANICAL MEZZANINE	2877 SF

VENTILATION PLAN GENERAL NOTES

A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 DASHED LINE INDICATED APPROXIMATE CLEARANCE REQUIRED IN FRONT OF VARIABLE VOLUME TERMINAL UNIT CONTROL PANEL. COORDINATE LOCATION WITH ALL TRADES.
2 PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.
7 PAINT AIR DEVICES TO COLOR SELECTED BY ARCHITECT.
8 PAINT DUCTWORK TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.
21 TRANSITIION DUCTWORK WITHIN BULKHEAD CAVITY.
23 DUCT ROUTED UP TO FLOOR ABOVE. COORDINATE WITH STRUCTURAL STEEL IN AREA.
26 AIR TRANSFER WALL OPENING LOCATED ABOVE THE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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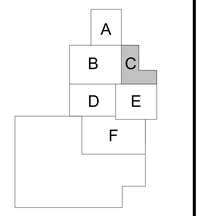

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR VENTILATION - UNIT C

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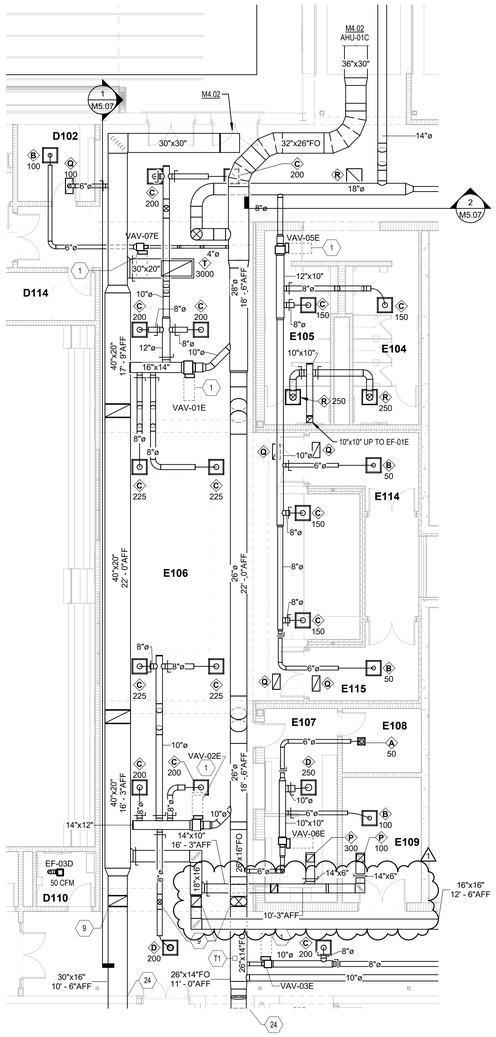
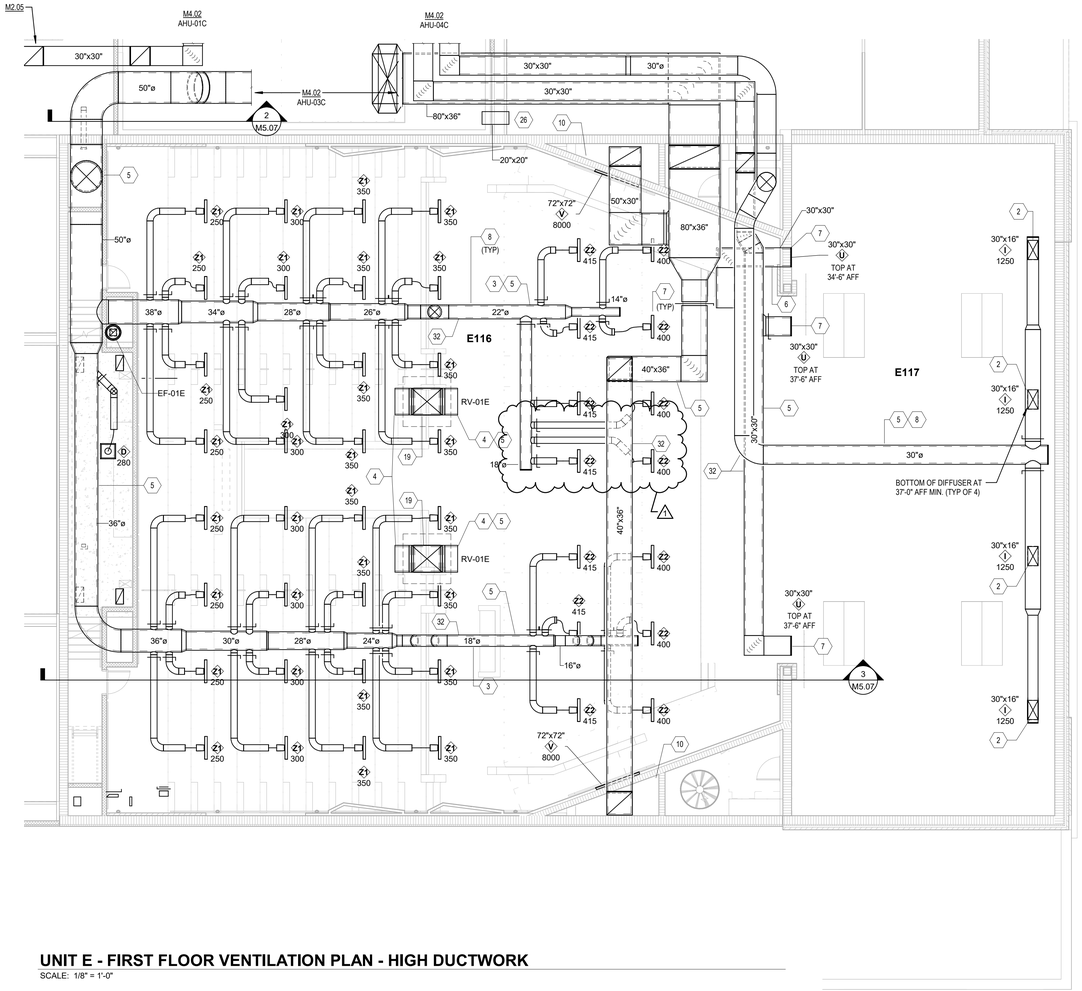


UNIT D - FIRST FLOOR VENTILATION PLAN

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



UNIT E - FIRST FLOOR VENTILATION PLAN - HIGH DUCTWORK

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

ROOM LEGEND - FIRST FLOOR UNIT E

ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	179 SF
E102	CORRIDOR	1248 SF
E103	ELEC/TECH	52 SF
E104	LARGE GROUP RESTROOM	220 SF
E105	LARGE GROUP RESTROOM	220 SF
E106	STUDET COMMONS	2961 SF
E107	STUDENT STORE	241 SF
E108	STORAGE	86 SF
E109	TABLE STORAGE	168 SF
E110	CORRIDOR	785 SF
E111	CATWALK ACCESS	52 SF
E113	SCENE SHOP	550 SF
E114	VESTIBULE	123 SF
E115	VESTIBULE	123 SF
E116	AUDITORIUM	5471 SF
E117	STAGE	3574 SF

VENTILATION PLAN GENERAL NOTES

A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 DASHED LINE INDICATED APPROXIMATE CLEARANCE REQUIRED IN FRONT OF VARIABLE VOLUME TERMINAL UNIT CONTROL PANEL. COORDINATE LOCATION WITH ALL TRADES.
2 PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.
3 ROUTE DUCTWORK BETWEEN/THROUGH STRUCTURAL STEEL. COORDINATE EXACT LOCATION WITH STRUCTURAL CONTRACTOR/CATWALK AND ALL OTHER TRADES.
4 END OF DUCT OPEN TO PLENUM SPACE ABOVE CEILING. OPENING TO BE PROTECTED WITH BIRDSCREEN.
5 PROVIDE DUCTWORK WITH INTERNAL LINED INSULATION.
6 ACCOUSTICALLY LINED RELIEF AIR TRANSFER SOUND TRAP ABOVE THE CEILING. EXTEND DUCTWORK TO PROVIDE NO LINE OF SIGHT FROM OPENING TO OPENING.
7 PAINT AIR DEVICES TO COLOR SELECTED BY ARCHITECT.
8 PAINT DUCTWORK TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.
9 TRANSITION DUCTWORK WITHIN BULKHEAD CAVITY. COORDINATE WITH STRUCTURAL IN AREA.
10 CAP CHASE TO CONSTRUCT A RETURN PLENUM. ALL DUCTWORK IN CHASE SHALL BE PAINTED BLACK.
19 RELIEF AIR CONTROL DAMPER.
24 COORDINATE NEW DUCTWOCK WITH EXISTING STRUCTURAL IN AREA.
26 AIR TRANSFER WALL OPENING LOCATED ABOVE THE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES
32 COORDINATE LOCATION OF DUCTWORK WITH STAGE RIGGING AND LIGHTING. LOCATE DUCTWORK AS HIGH AS POSSIBLE.
T1 APPROXIMATE LOCATION OF DUCT STATIC PRESSURE SENSOR. SENSOR PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

MARK Z. HOWE REGISTERED No. PE 12005001 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR VENTILATION - UNIT E

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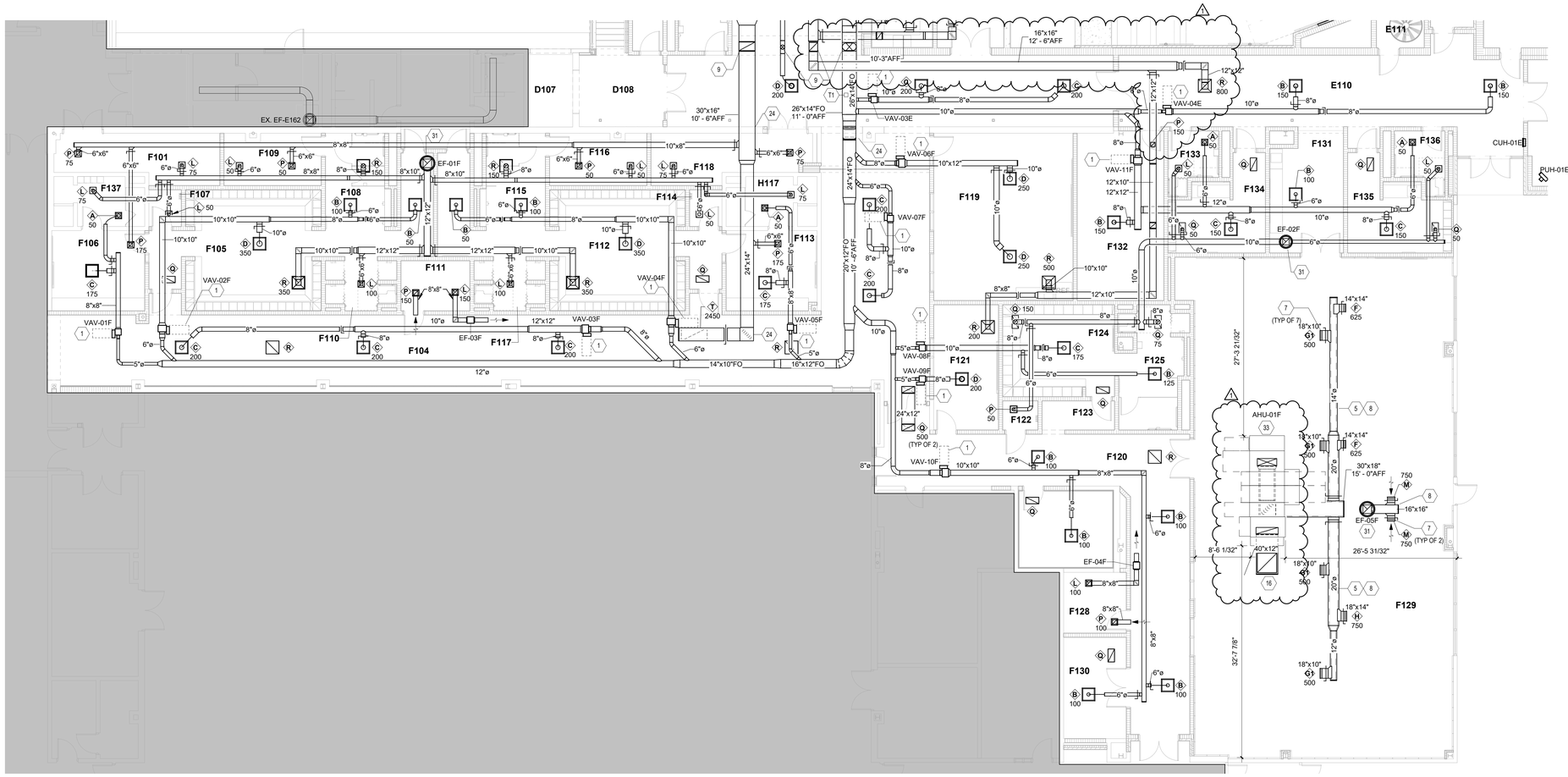
ROOM LEGEND - FIRST FLOOR UNIT F		
ROOM NO.	**ROOM NAME**	**AREA (SF)**
F127	ELECTRICAL	Not Placed
F101	STORAGE	175 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	169 SF
F119	TEAM ROOM	554 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F129	MULTI-PURPOSE	3100 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF



UNIT F - FIRST FLOOR VENTILATION PLAN

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

VENTILATION PLAN GENERAL NOTES

A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 DASHED LINE INDICATED APPROXIMATE CLEARANCE REQUIRED IN FRONT OF VARIABLE VOLUME TERMINAL UNIT CONTROL PANEL. COORDINATE LOCATION WITH ALL TRADES.
5 PROVIDE DUCTWORK WITH INTERNAL LINED INSULATION.
7 PAINT AIR DEVICES TO COLOR SELECTED BY ARCHITECT.
8 PAINT DUCTWORK TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.
9 TRANSITION DUCTWORK WITHIN BULKHEAD CAVITY. COORDINATE WITH STRUCTURAL IN AREA.
16 40x12 RETURN DUCT WITH 36x36 OPENING ON TOP. COVER WITH 1/4" GALVANIZED METAL CLOTH.
24 COORDINATE NEW DUCTWORK WITH EXISTING STRUCTURAL IN AREA.
31 NEW ROOF MOUNTED MECHANICAL EQUIPMENT. REFER TO DETAIL # 15 ON SHEET S5.01
33 PROVIDE CURB SUPPORT FOR NEW AHU PER DETAIL 7-S5.01
T1 APPROXIMATE LOCATION OF DUCT STATIC PRESSURE SENSOR. SENSOR PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

MARK Z. HOSF REGISTERED No. PE 12000301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR VENTILATION - UNIT F

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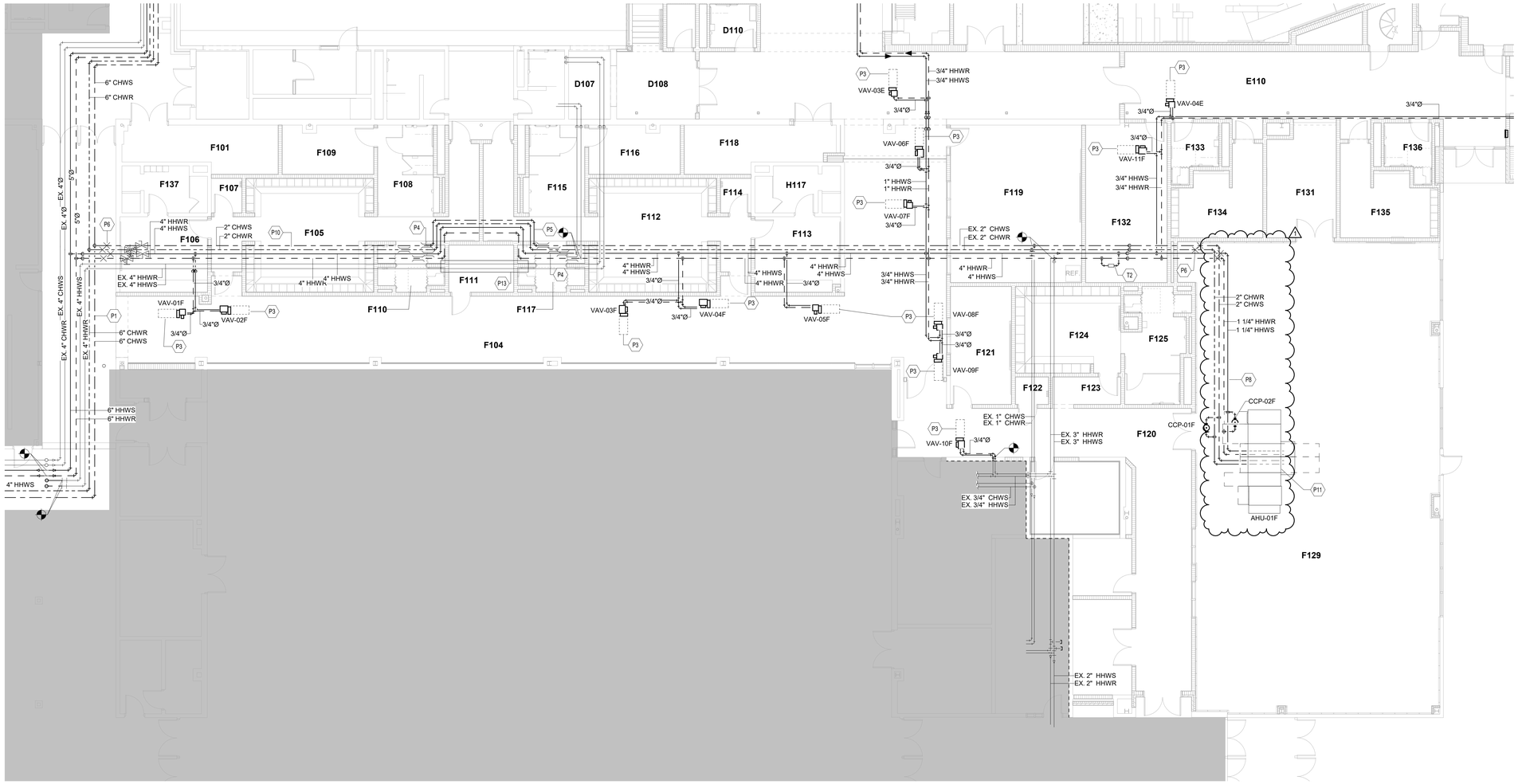

UNIT F - FIRST FLOOR HVAC PIPING PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT F

ROOM NO.	ROOM NAME	AREA (SF)
F127	ELECTRICAL	Not Placed
F101	STORAGE	175 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	169 SF
F119	TEAM ROOM	554 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F129	MULTI-PURPOSE	3100 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF

HVAC PIPING PLAN GENERAL NOTES

A. ALL PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OPSTRUCTIONS.
D. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
E. HYDRONIC SUPPLY AND RETURN PIPING SHALL BE THE SAME SIZE UNLESS OTHERWISE NOTED.

HVAC PIPING PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

P1 CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE PIPING ABOVE THE EXISTING CEILING. COORDINATE EXACT ROUTING WITH EXISTING FIELD CONDITIONS. CONTRACTOR SHALL REPAIR/REPLACE ANY CEILING GRID OR TILES DAMAGED DURING HIS WORK.
P3 DASHED LINE INDICATES APPROXIMATE CLEARANCE REQUIRED IN FRONT OF CONTROL PANEL TO VARIABLE VOLUME TERMINAL.
P4 PIPE GUIDE. REFER TO PROJECT MANUAL SECTION 230516.
P5 NESTED HOSE AND BRAID PIPE EXPANSION LOOP SIZED FOR EXPANSION.
P6 PIPE ANCHOR. REFER TO PROJECT MANUAL SECTION 230516.
P8 PAINT PIPING INSULATION TO COLOR SELECTED BY THE ARCHITECT/ENGINEER.
P10 CHILLED/HOT WATER PIPING SHALL BE ROUTED THROUGH STEEL JOISTS IN AREA. COORDINATE EXACT LOCATION WITH STRUCTURAL CONTRACTOR AND ALL OTHER TRADES.
P11 EXTEND CONDENSATE PIPING THROUGH PIPE CABINET. SEAL WATER TIGHT. ROUTE CONDENSATE PIPING TO NEAREST ROOF DRAIN.
P13 PROVIDE DRAIN PAN UNDER EXISTING PIPING IN ROOM.
T2 DIFFERENTIAL PRESSURE TRANSMITTER FOR HEATING WATER VARIABLE VOLUME PUMP CONTROL. TRANSMITTER PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

MARK Z. HOSF REGISTERED No. PE 12000001 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR PIPING - UNIT F

M3.05

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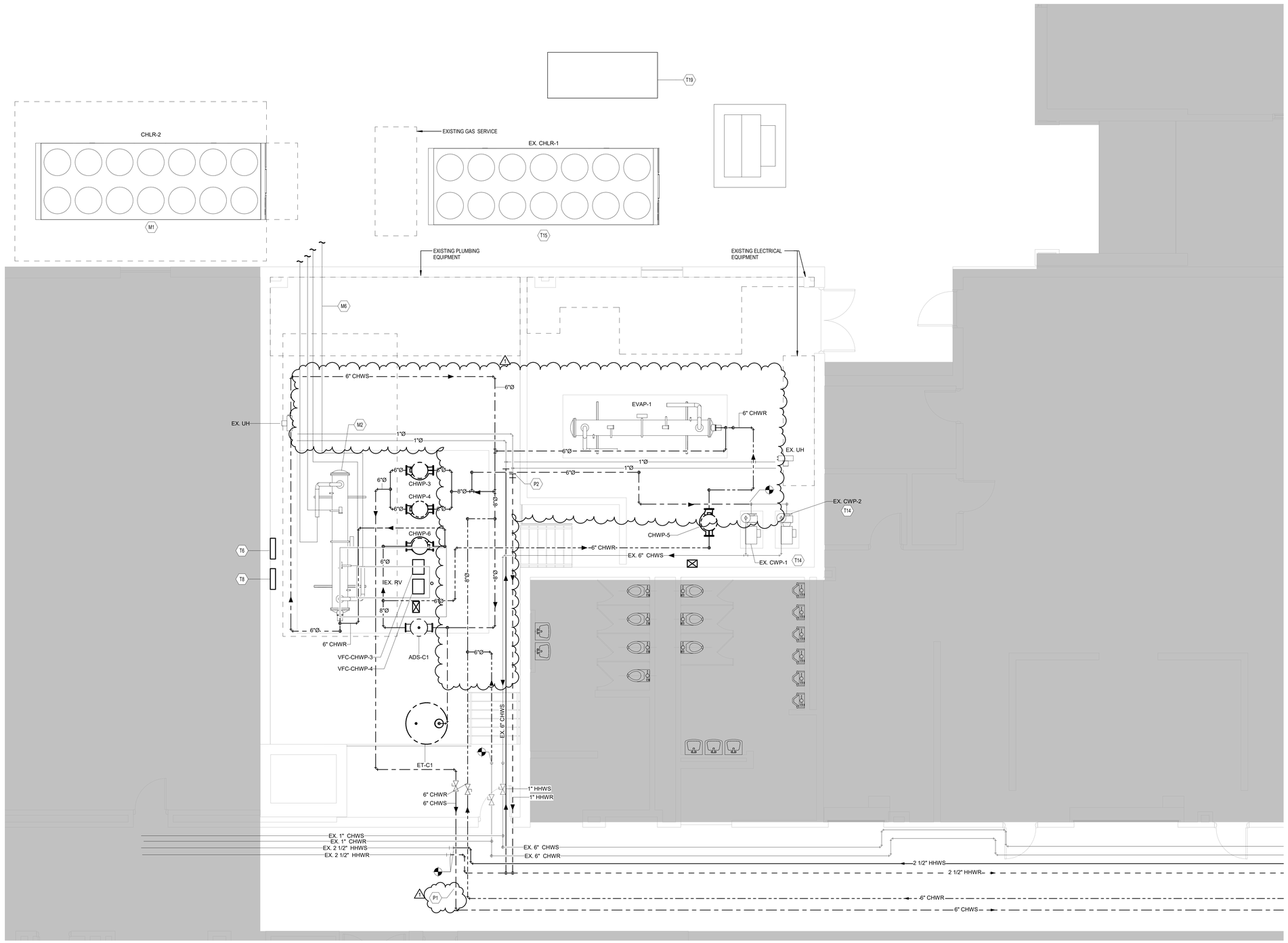

FIRST FLOOR MECHANICAL PLAN

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

MECHANICAL ROOM PLAN GENERAL NOTES

A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 44" ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.
M. HYDRONIC SUPPLY AND RETURN PIPING SHALL BE THE SAME SIZE UNLESS OTHERWISE NOTED.

MECHANICAL ROOM PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

M1 INSTALL NEW CHILLER ON 3-1/2" HIGH CONCRETE PAD HOUSEKEEPING PAD. MOUNT ON ISOLATORS. MAINTAIN UNIT MANUFACTURERS REQUIRED CLEARANCE AROUND CHILLER. SIZE REQUIREMENTS MAY VARY BY UNIT MANUFACTURER AND IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL REQUIREMENTS FOR PROVIDED EQUIPMENT.

M2 NEW REMOTE EVAPORATOR. INSTALL EQUIPMENT ON EXISTING CONCRETE HOUSEKEEPING PAD WITH ISOLATORS.

M6 ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR EVAPORATOR PER MANUFACTURERS GUIDE. REFRIGERANT PIPING AND ACCESSORIES TO BE SIZED PER UNIT MANUFACTURERS REQUIREMENTS. ALL PIPING ON THE EXTERIOR OF THE BUILDING SHALL BE WRAPPED WITH INSULATION AND THEN COVERED WITH A PVC JACKET PER THE PROJECT MANUAL. PROVIDE PIPE SUPPORTS AS REQUIRED TO PROPERLY SUPPORT THE PIPING.

P1 CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE PIPING ABOVE THE EXISTING CEILING. COORDINATE EXACT ROUTING WITH EXISTING FIELD CONDITIONS. CONTRACTOR SHALL REPAIR/REPLACE ANY CEILING GRID OR TILES DAMAGED DURING HIS WORK.

P2 CONNECT TO EXISTING PIPING. MAKE MODIFICATIONS AS NECESSARY.

T6 LOCATION OF CHILLER CONTROL PANEL. COORDINATE EXACT LOCATION WITH ALL TRADES.

T8 LOCATION OF PUMP CONTROL PANEL. COORDINATE EXACT LOCATION WITH ALL TRADES.

T14 EXISTING PUMPS TO REMAIN IN PLACE. ALL EXISTING TEMPERATURE CONTROLS SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS.

T15 EXISTING CHILLER TO REMAIN IN PLACE. ALL EXISTING TEMPERATURE CONTROLS SHALL BE REMOVED AND REPLACED WITH NEW DDC CONTROLS.

T19 APPROXIMATE LOCATION OF EMERGENCY GENERATOR.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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PLAN NORTH

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100% CONSTRUCTION DOCUMENTS

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DRAWN BY: DJA

PROJECT NUMBER: 220158.00

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REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL ROOM PLAN

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23 64 27 - AIR-COOLED CHILLER w/REMOTE EVAPORATOR SCHEDULE

TAG	TYPE	AMBIENT TEMP (°F)	EVAPORATOR CRITERIA & PERFORMANCE								DESIGN COOLING PERFORMANCE		ELECTRICAL CRITERIA & PERFORMANCE						WEIGHT (LBS)	NOTES
			SOLUTION TYPE	(%)	SYSTEM FLOW (GPM)		EWT (°F)	LWT (°F)	WPD		NOMINAL (TONS)	IPLV (EER)	SINGLE POINT							
					DESIGN	MIN			DESIGN (FT.HD)	MIN (FT.HD)			SERVICE (VOLTS)	(HZ)	(PH)	SCCR	MCA (AMPS)	MOCP (AMPS)		
CHLR-2	SCREW	95.0	WATER	0	587	217	55	45.0	23	3.64	250	13.76	460	60	3	65,000 A	490	600	15,200	1,2,3,4,5,6,7,8,9

1 REFER TO SPECIFICATION SECTION 23 64 27.
2 SINGLE POINT ELECTRICAL CONNECTION TO UNITS.
3 FACTORY PHASE, GROUND FAULT AND UNDER/OVER VOLTAGE PROTECTION.
4 FLOW SWITCH BY CHILLER MFG. INSTALLED BY MECHANICAL CONTRACTOR.
5 PROVIDE CHILLER INTERFACE PANEL FOR CONNECTION TO BUILDING AUTOMATION SYSTEM.
6 FACTORY INSULATED EVAPORATOR. FACTORY MOUNTED SUCTION AND DISCHARGE ISOLATION VALVES PER CIRCUIT.
7 CHILLER SHALL HAVE A MINIMUM OF TWO (2) INDEPENDENT REFRIGERANT CIRCUITS.
8 MECHANICAL CONTRACTOR TO PROVIDE VIBRATION ISOLATORS FOR INDOOR AND OUTDOOR UNIT.
9 MECHANICAL CONTRACTOR TO PROVIDE REFRIGERANT. VERIFY QUANTITY WITH CHILLER MANUFACTURER.

23 73 16 - POOL DEDICATED OUTDOOR AIR SYSTEM SCHEDULE

MARK	FAN DATA				DX COOLING COIL						NATURAL GAS FURNACE				ELECTRICAL					NOTES
	DESIGN CFM	EXT. SP (IN.WC)	TSP (IN.WC)	MOTOR (HP)	TOTAL (MBH)	SENSIBLE (MBH)	EAT		LAT		EAT (°F)	LAT (°F)	INPUT (MBH)	OUTPUT (MBH)	MCA (AMPS)	MOCP (AMPS)	SERVICE			
							DB (°F)	WB (°F)	DB (°F)	WB (°F)							(VOLTS)	(HZ)	(PH)	
DOAS-01E	1941	1.25	1.75	6	177.9	92.9	95.0	78.0	52.1	51.3	-10.0	85.0	250.0	200.0	47 A	60 A	480 V	60 Hz	3	1,2,3,4,5,6,7,8

NOTES:
1 REFER TO PROJECT MANUAL SECTION 23 73 16
2 CONTROLS FACTORY MOUNTED WITH BACNET INTERGRATION
3 REFER TO PLANS & SCHEMATIC SHEETS FOR UNIT LAYOUT DETAILS
4 SINGLE POINT POWER CONNECTION
5 PROVIDE CONVENIENCE OUTLET AND LIGHTS ON SEPARATE CIRCUIT
6 A BLYGOLD CORROSION RESISTANT COATING MUST BE ADDED TO ANY PANELS, COMPONENTS, ETC THAT ARE EXPOSED TO THE AIRSTREAM.
7 DURING NORMAL OPERATION THE DEDICATED OUTSIDE AIR UNIT SHALL OPERATE AT 400 CFM OF OUTSIDE AIR.
8 DURING EVENT MODE THE DEDICATED OUTSIDE AIR UNIT SHALL OPERATE AT 100% OUTSIDE AIR.

23 73 15 - POOL DEHUMIDIFICATION UNIT SCHEDULE

MARK	DESCRIPTION	ELECTRICAL			SUPPLY FAN				EXHAUST FAN			PURGE FAN			ENERGY RECOVERY						COOLING COIL							REHEAT COIL		NATURAL GAS FURNACE			MANUFACTURER	NOTES
		MCA (AMPS)	MOCP (AMPS)	SERVICE	SA (CFM)	OA (CFM)	EXT. SP (IN.WC)	HP	EA (CFM)	EXT. SP (IN.WC)	HP	EA (CFM)	EXT. SP (IN.WC)	HP	TYPE	PROP. GLYCOL	OA COIL	EA COIL	PUMPS	HP	TOTAL (MBH)	SENSIBLE (MBH)	LATENT (LB/HR)	COMP.	CIRCUITS	REFRIG	MBH	MODULATION	INPUT (MBH)	OUTPUT (MBH)	TYPE		
AHU-01E	POOL DEHUMIDIFICATION	104 A	125 A	480V/3PH/60HZ	15000	2120	1.5	20	2332	1.15	2.4	14168	0.75	5.3	RUNAROUND	33	4-COIL	4-COIL	1	0.75	450.3	252.3	155.6	2	2	R-410A	525.4	FULL	500.0	400.0	MODULATING	POOLPAK	1,2,3,4,5,6,7,8

1 DESIGN CRITERIA
SUMMER OUTDOOR: 95°F DB/75°F WB. SUMMER INDOOR: 85°F
WINTER OUTDOOR: 0°F WINTER INDOOR: 85°F
DESIGN RELATIVE HUMIDITY INDOOR 60%
2 REFER TO SPECIFICATION SECTIONS 23 73 15 FOR ADDITIONAL PRODUCT AND INSTALLATION DETAILS.
4 UNIT SHALL HAVE FACTORY MOUNTED CONTROLS WITH LCD DISPLAY. COORDINATE WITH TEMPERATURE CONTROLS CONTRACTOR.
5 SINGLE POINT POWER WITH NON-FUSED FACTORY MOUNTED DISCONNECT, WITH INDIVIDUAL FUSES ON CIRCUIT BREAKERS FOR EACH BRANCH CIRCUIT.
6 THE REMOTE FLUID COOLER REQUIRES A SEPARATE ELECTRICAL FEED AND ELECTRICAL DISCONNECT SWITCH. MANUFACTURER TO SUPPLY DISCONNECT.
7 UNIT PROVIDED WITH FACTORY MOUNTED OUTSIDE AIR AND RETURN AIR CONTROL DAMPERS.
8 UNIT PROVIDED WITH BACNET COMMUNICATION. COORDINATE WITH TCC.

23 29 23 - VARIABLE FREQUENCY CONTROLLER SCHEDULE.

TAG	MARK SERVING	MOTOR CRITERIA				NOTES
		(HP)	SERVICE (VOLTS)	(HZ)	(PH)	
VFC-CHWP-3	CHWP-3	20	480	60	3	1,2,3,4
VFC-CHWP-4	CHWP-4	20	480	60	3	1,2,3,4
VFC-HHWP-1	HHWP-1	40	480	60	3	1,2,3,4
VFC-HHWP-2	HHWP-2	40	480	60	3	1,2,3,4

NOTE:
1 DRIVE PROVIDED AND INSTALLED BY THE DIVISION 23 - HVAC CONTRACTOR.
2 DIVISION 26 - ELECTRICAL CONTRACTOR TO PROVIDE POWER WIRING TO VFC AND FROM VFC TO MOTOR(S).
3 TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE ALL TEMPERATURE CONTROL WIRING.
4 REFER TO SPECIFICATION SECTION 232923.

23 73 13 - AIR HANDLER SCHEDULE

MARK	ACTUAL SUPPLY AIR FLOW	MIN OUTSIDE AIR FLOW	HEATING COIL										COOLING COIL												OPER. WT.	ELECTRICAL					Comments
			TYPE	FACE AREA	FACE VELOCITY	ROWS	EAT DB	LAT DB	TOTAL CAPACITY	FLOW (GPM)	WPD (FT.H20)	EWT	LWT	SYSTEM TYPE	FACE AREA	FACE VELOCITY	ROWS	EAT DB	EAT WB	LAT DB	LAT WB	TOTAL CAPACITY	SENSIBLE CAPACITY	FLOW (GPM)	WPD (FT.H20)	EWT (°F)	LWT (°F)		MCA (AMPS)	MOCP (AMPS)	SUPPLY (HP)	SERVICE (VOLTS)	(HZ)	(PH)	
AHU-01A	10,000	2,500	Hot water	24 SF	420 FPM	1	54.5 °F	85.0 °F	330,772 Btu/h	22	2.21	180.0 °F	150.0 °F	Chilled water	24 SF	420 FPM	6	77.5 °F	64.7 °F	54.0 °F	53.5 °F	332,964 Btu/h	258,548 Btu/h	66.4	3.01	45.0	55.0	5,419 lb	18	30	10	460	60	3	2,3,4,5,6,7,8,10
AHU-01B	10,000	2,500	Hot water	24 SF	420 FPM	1	54.5 °F	85.0 °F	330,772 Btu/h	22	2.21	180.0 °F	150.0 °F	Chilled water	24 SF	420 FPM	6	77.5 °F	64.7 °F	54.0 °F	53.5 °F	332,964 Btu/h	258,548 Btu/h	66.4	3.01	45.0	55.0	5,419 lb	18	30	10	460	60	3	2,3,4,5,6,7,8,10
AHU-02A	10,000	2,500	Hot water	24 SF	420 FPM	1	54.5 °F	85.0 °F	330,772 Btu/h	22	2.21	180.0 °F	150.0 °F	Chilled water	24 SF	420 FPM	6	77.5 °F	64.7 °F	54.0 °F	53.5 °F	332,964 Btu/h	258,548 Btu/h	66.4	3.01	45.0	55.0	5,419 lb	18	30	10	460	60	3	2,3,4,5,6,7,8,10
AHU-02B	10,000	2,500	Hot water	24 SF	420 FPM	1	54.5 °F	85.0 °F	330,772 Btu/h	22	2.21	180.0 °F	150.0 °F	Chilled water	24 SF	420 FPM	6	77.5 °F	64.7 °F	54.0 °F	53.5 °F	332,964 Btu/h	258,548 Btu/h	66.4	3.01	45.0	55.0	5,419 lb	18	30	10	460	60	3	2,3,4,5,6,7,8,10
AHU-01C	10,000	2,500	Hot water	24 SF	420 FPM	2	54.5 °F	100.0 °F	493,448 Btu/h	32.9	0.43	180.0 °F	150.0 °F	Chilled water	24 SF	420 FPM	8	77.5 °F	64.8 °F	52.0 °F	51.7 °F	383,349 Btu/h	280,588 Btu/h	76.4	4.72	45.0	55.0	3,867 lb	26	45	15	460	60	3	1,2,3,4,5
AHU-02C	4,000	2,600	Hot water	9 SF	440 FPM	1	26.5 °F	75.0 °F	210,393 Btu/h	14	0.68	180.0 °F	150.0 °F	Chilled water	9 SF	440 FPM	8	83.9 °F	69.5 °F	54.0 °F	53.9 °F	197,490 Btu/h	132,070 Btu/h	39.4	3.2	45.0	55.0	2,425 lb	10	15	5	460	60	3	1,2,3,4,6,9
AHU-03C	16,000	4,000	Hot water	47 SF	430 FPM	1	58.0 °F	85.0 °F	585,630 Btu/h	39	1.67	180.0 °F	150.0 °F	Chilled water	48 SF	410 FPM	8	76.8 °F	64.0 °F	51.0 °F	50.9 °F	755,712 Btu/h	567,376 Btu/h	150.6	3.45	45.0	55.0	7,286 lb	43	70	10	460	60	3	1,2,3,4,5
AHU-04C	5,000	750	Hot water	11 SF	440 FPM	1	61.5 °F	85.0 °F	127,429 Btu/h	8.5	0.25	180.0 °F	150.0 °F	Chilled water	12 SF	420 FPM	6	76.1 °F	64.0 °F	54.0 °F	53.9 °F	149,825 Btu/h	121,538 Btu/h	29.9	1.14	45.0	55.0	2,065 lb	10	15	5	460	60	3	1,2,3,4,5
AHU-01F	4,000	800	Hot water	9 SF	440 FPM	1	58.0 °F	85.0 °F	147,490 Btu/h	9.8	0.34	180.0 °F	150.0 °F	Chilled water	9 SF	440 FPM	4	78.2 °F	65.3 °F	54.0 °F	53.6 °F	139,700 Btu/h	106,550 Btu/h	27.8	2.44	45.0	55.0	2,905 lb	6	15	3	460	60	3	1,2,3,4,5,6,7,8,10

1 REFER TO SPECIFICATION SECTION 23 73 13.
2 FACTORY MOUNTED VARIABLE FREQUENCY CONTROLLER (VFC) SHALL BE PROVIDED ON SUPPLY FAN. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR VFC'S.
3 REFER TO PLANS & SCHEMATIC SHEETS FOR UNIT LAYOUT DETAILS.
4 PROVIDE CONVENIENCE OUTLET AND LIGHTS ON SEPARATE CIRCUIT.
5 SINGLE POINT ELECTRICAL CONNECTION TO UNITS.
6 UNIT TO BE PROVIDED WITH A BLENDER SECTION.
7 INSTALL HEATING COIL IN RE-HEAT POSITION.
8 UNIT TO BE PROVIDED WITH A 12" CURB.
9 UNIT SHALL HAVE A REHEAT AND PREHEAT COIL. INFO LISTED ABOVE PERTAIN TO PREHEAT COIL. REHEAT COIL SHALL BE SIZED FOR 109 MBH, EAT=75, LAT=100
10 REFER TO SPECIFICATION SECTION 23 74 13.

23 36 00 - VAV TERMINAL UNIT SCHEDULE

TAG	INLET (INCH)	AIR FLOW (CFM)		DESIGN PRESSURES		REHEAT COIL CRITERIA & PERFORMANCE							NOTES
		PRIMARY	MIN	INLET (IN.WC)	OUTLET (IN.WC)	EAT DB (°F)	LAT DB (°F)	FLOW (GPM)	SOLUTION TYPE	(%)	EWT (°F)	LWT (°F)	
VAV-01C	12	800	200	0.95	0.40	65	95	1.7	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-02C	10	550	138	0.92	0.40	65	95	1.2	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-03C	05	150	38	0.63	0.40	65	95	0.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-04C	10	600	150	1.00	0.40	65	95	1.3	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-01E	14	1250	313	1.18	0.40	65	95	2.7	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-02E	12	1050	263	1.20	0.40	65	95	2.3	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-03E	06	400	100	0.9	0.40	65	95	0.9	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-04E	05	300	75	1.01	0.40	65	95	0.7	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-05E	10	700	175	0.82	0.40	65	95	1.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-06E	08	400	100	0.91	0.40	65	95	0.9	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-07E	05	100	25	1.41	0.40	65	95	0.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-01F	05	225	56	0.87	0.40	65	95	0.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-02F	10	500	125	0.61	0.40	65	95	1.1	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-03F	10	600	150	0.7	0.40	65	95	1.3	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-04F	10	500	125	0.69	0.40	65	95	1.1	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-05F	05	225	56	0.98	0.40	65	95	0.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-06F	10	500	125	0.76	0.40	65	95	1.1	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-07F	06	400	100	0.8	0.40	65	95	0.9	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-08F	05	300	75	0.81	0.40	65	95	0.7	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-09F	05	200	50	0.81	0.40	65	95	0.5	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-10F	10	500	125	0.77	0.40	65	95	1.1	WATER	100	180	150	1,2,3,4,5,6,7,8
VAV-11F	10	650	163	0.73	0.40	65	95	1.4	WATER	100	180	150	1,2,3,4,5,6,7,8

NOTE:
1 REFER TO SPECIFICATION SECTION 233600.
2 HEATING COIL DESIGN BASED ON HIGH-EFFIECIENCY, HOT WATER COIL, UNLESS OTHERWISE NOTED.
3 PROVIDE NUMBER OF COIL ROWS AS REQUIRED TO MEET MBH. COILS SHALL BE SELECTED WITH 10' WPD MAXIMUM.
4 UNIT MANUFACTURER SHALL PROVIDE REQUIRED HANGING BRACKETS TO PROPERLY SUPPORT UNIT.
6 NOISE LEVELS ARE NOT TO EXCEED 20 NC
7 DIVISION 26 CONTRACTOR TO SUPPLY 120/1 POWER TO EACH VAV TERMINAL. DIVISION 23 CONTRACTOR TO PROVIDE TRANSFORMER AND DISCONNECT. DISCONNECT TO BE TOTALLY ENCLOSED EXTERNAL FROM VAV CONTROL PANEL BOX. DISCONNECT SHALL DE-ENERGIZE ALL POWER IN CONTROL PANEL.
8 PROVIDE FACTORY-MOUNTED AND PRE-PROGRAMMED, PRESSURE-INDEPENDENT, BACNET DDC CONTROLLER WITH AIRFLOW MEASUREMENT

BOILER ROOM EQUIPMENT SCHEDULE

EQUIPMENT MARK	TOTAL REQ'D	DESCRIPTION	NOTES	ELECTRICAL
BLR-1, BLR-2, BLR-3	3	HIGH-EFFICIENT CONDENSING HEATING WATER BOILER, NATURAL GAS, 6000 MBH INPUT, 5798 MBH OUTPUT, LOW NOx BELOW 30 PPM ALL FIRING RATES. FM COMPLIANT GAS TRAIN, 3" WC MIN. @ FULL LOAD, 60 GPM MIN. WATERFLOW, 600 GPM MAX., EWT=150°F, LWT=180 °F. CONTROL PANEL PROVIDED BY UNIT MANUFACTURER.	1,2	SINGLE POINT POWER CONNECTION. 460V/3PH (7.0 AMP FLA). UNIT MFR. SHALL INCLUDE CONTROL VOLTAGE TRANSFORMER. DISCONNECT BY DIVISION 26. ELECTRICAL REQUIREMENTS VARY WITH UNIT MANUFACTURER.
HHWP-1, HHWP-2	2	VERTICAL IN-LINE CENTRIFUGAL VARIABLE-PRIMARY HEATING WATER CIRCULATING PUMP, INVERTER DUTY MOTOR, PARALLEL CONFIGURATION. VFC OPERATION. 1500 GPM, 750 GPM PER PUMP, 120' HEAD, 40 HP, 1800 RPM, 460/3/60.	1,3,4,9	SINGLE POINT POWER CONNECTION TO EACH PUMP. PUMP DISCONNECT AND WIRING BETWEEN PUMP AND VFC BY DIVISION 26.
CHWP-5, CHWP-6	2	VERTICAL IN-LINE CENTRIFUGAL PRIMARY CHILLED WATER CIRCULATING PUMP, INVERTER DUTY MOTOR, VFC OPERATION, 600 GPM, 300 GPM PER PUMP, 50' HEAD, 15.0 HP, 1200 RPM, 460/3/60.	1,4,9	SINGLE POINT POWER CONNECTION TO EACH PUMP. PUMP DISCONNECT AND WIRING BETWEEN PUMP AND VFC BY DIVISION 26.
CHWP-3, CHWP-4	2	VERTICAL IN-LINE CENTRIFUGAL SECONDARY CHILLED WATER CIRCULATING PUMP, INVERTER DUTY MOTOR, PARALLEL CONFIGURATION, VFC OPERATION, 600 GPM, 300 GPM PER PUMP, 100' HEAD, 20 HP, 1800 RPM, 460/3/60.	1,3,4,9	SINGLE POINT POWER CONNECTION TO EACH PUMP. PUMP DISCONNECT AND WIRING BETWEEN PUMP AND VFC BY DIVISION 26.
ET-C1	1	ASME CHILLED WATER SYSTEM BLADDER-TYPE EXPANSION TANK, 317 GALLONS. 36" DIAMETER, 86" L, W=779 LBS.	1,6	
ET-H1	1	ASME HEATING WATER SYSTEM BLADDER-TYPE EXPANSION TANK, 792 GALLONS. 48" DIAMETER, 118" L, W=1630 LBS.	1,6	

EQUIPMENT MARK	TOTAL REQ'D	DESCRIPTION	NOTES	ELECTRICAL
ADS-C1	1	8" CHILLED WATER SYSTEM AIR AND DIRT SEPERATOR; 1500 GPM CAPACITY, MAXIMUM PRESSURE DROP 5'.	5,6	
ADS-H1	1	8" HEATING WATER SYSTEM AIR AND DIRT SEPERATOR; 1500 GPM CAPACITY, MAXIMUM PRESSURE DROP 5'.	5,6	
CSF-1	1	HEATING WATER CHEMICAL SHOT FEEDER, 5.0 GALLON CAPACITY.	7,10,11	

NOTES
1. MOUNT ON 3-1/2" CONCRETE HOUSEKEEPING PAD.
2. REFER TO PROJECT MANUAL SECTION 235216.
3. PARALLEL PUMPING CONFIGURATION.
4. REFER TO PROJECT MANUAL SECTION 232123.
5. SUPPORT FROM STRUCTURE ABOVE.
6. REFER TO PROJECT MANUAL SECTION 232113.
7. REFER TO PROJECT MANUAL SECTION 232500.
8. REFER TO PROJECT MANUAL SECTION 236423.
9. PUMP CONTROLLED BY VARIABLE FREQUENCY CONTROLLER.
10. INCLUDE LEG SUPPORT.
11. EQUIPMENT TO BE FLOOR MOUNTED.
12. MOUNT ON CONCRETE PAD AS RECOMMEND BY UNIT MANUFACTURER. REFER TO DETAIL ON STRUCTURAL DRAWINGS.
13. CHILLER TO BE PROVIDED WITH ACOUSTICAL SOUND PACKAGE. MANUFACTURER SHALL PROVIDE THE NECESSARY SOUND TREATMENT TO MEET OR EXCEED THE SOUND DATA.

COIL CIRCULATING PUMP SCHEDULE

MARK	MEDIUM	GPM	TDH	HP	SERVICE	NOTES
CCP-01A	CHILLED WATER	25	2	1/6	115V / 1PH	1,2,3,4
CCP-02A	HEATING WATER	8	1.25	1/12	115V / 1PH	1,2,3,4
CCP-03A	CHILLED WATER	25	2	1/6	115V / 1PH	1,2,3,4
CCP-04A	HEATING WATER	8	1.25	1/12	115V / 1PH	1,2,3,4
CCP-01B	CHILLED WATER	25	2	1/6	115V / 1PH	1,2,3,4
CCP-02B	HEATING WATER	8	1.25	1/12	115V / 1PH	1,2,3,4
CCP-03B	CHILLED WATER	25	2	1/6	115V / 1PH	1,2,3,4
CCP-04B	HEATING WATER	8	1.5	1/12	115V / 1PH	1,2,3,4
CCP-01F	CHILLED WATER	10	1.5	1/12	115V / 1PH	1,2,3,4
CCP-02F	HEATING WATER	5	0.25	1/12	115V / 1PH	1,2,3,4

NOTES:
1. SEE COIL PIPING DIAGRAMS FOR INSTALLATION DETAIL.
2. CONTROL OF PUMPS BY TEMPERATURE CONTROL CONTRACTOR, REFER TO SPECIFICATIONS.
3. COIL CIRCULATOR PUMPS SHALL BE ENERGIZED ANYTIME THE OUTSIDE AIR TEMPERATURE IS BELOW 35 DEGREES F (ADJ.).
4. DISCONNECT BY DIVISION 26.

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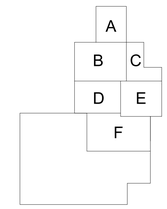

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL SCHEDULES

M5.01

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23 34 23 - EXHAUST FAN SCHEDULE

TAG	TYPE	FLOW (CFM)	ESP (IN-WC)	MAX SONES	DRIVE	SPEED (RPM)	POWER (HP)	POWER (BHP)	SERVICE (V)	SERVICE (HZ)	SERVICE (PH)	CONTROL	NOTES
EF-01B	ROOF MOUNTED	1,900	0.25	10.5	BELT	1140	1/4	0.31	120	60	1	A	1,2,4,5,6
EF-02B	ROOF MOUNTED	1,250	0.25	8.0	BELT	1000	1/4	0.12	120	60	1	A	1,2,4,5,6
EF-03B	ROOF MOUNTED	1,250	0.25	8.0	BELT	1000	1/4	0.12	120	60	1	A	1,2,4,5,6
EF-04B	ROOF MOUNTED	500	0.25	6.0	DIRECT	950	1/4	0.05	120	60	1	A	1,2,3,4,5,6
EF-05B	ROOF MOUNTED	1,500	0.20	7.0	BELT	900	1/4	0.15	120	60	1	B.3	1,2,4,5,6
EF-06B	ROOF MOUNTED	1,500	0.20	7.0	BELT	900	1/4	0.15	120	60	1	B.3	1,2,4,5,6
EF-01C	ROOF MOUNTED	2,100	0.38	10.5	DIRECT	910	1	0.31	120	60	1	D	1,2,3,4,5,6
EF-02C	ROOF MOUNTED	1,000	0.25	7.0	DIRECT	1000	1/2	0.10	120	60	1	D	1,2,3,4,5,6
EF-03C	ROOF MOUNTED	2,000	0.13	11.0	BELT	1140	1/3	0.30	120	60	1	C	1,2,4,5,6
EF-01D	INLINE	1,600	0.38	12.0	DIRECT	1600	1/2	0.38	120	60	1	E	1,2,3,4,6,7
EF-02D	INLINE	600	0.25	8.0	DIRECT	1400	1/6	0.08	120	60	1	D	1,2,3,4,6,7
EF-03D	CEILING MOUNTED	50	0.25	8.0	DIRECT	825	1/10	0.05	120	60	1	B.2	4,6
EF-01E	ROOF MOUNTED	500	0.25	6.0	DIRECT	1350	1/10	0.05	120	60	1	A	1,2,3,4,5,6
EF-01F	ROOF MOUNTED	1,700	0.38	9.0	DIRECT	1100	3/4	0.28	120	60	1	A	1,2,3,4,5,6
EF-02F	ROOF MOUNTED	350	0.38	6.0	DIRECT	1300	1/10	0.05	120	60	1	A	1,2,3,4,5,6
EF-03F	INLINE	100	0.13	2.0	DIRECT	1250	1/40	0.01	120	60	1	C	1,2,3,4,5,6,8
EF-04F	INLINE	100	0.13	2.0	DIRECT	1250	1/40	0.01	120	60	1	C	1,2,3,4,5,6,8
EF-05F	ROOF MOUNTED	1,500	0.20	8.5	DIRECT	1200	1/4	0.20	120	60	1	D	1,2,3,4,5,6

NOTE:
1. INCLUDE FACTORY MOUNTED DISCONNECT SWITCH.
2. INCLUDE BACKDRAFT DAMPER.
3. INCLUDE FACTORY MOUNTED SPEED CONTROL.
4. REFER TO SPECIFICATION SECTION 23 34 23 FOR ADDITIONAL REQUIREMENTS
5. MOUNT ON 12" HIGH ROOF CURB.
6. STANDARD COLOR AS SELECTED BY ARCHITECT/ENGINEER.
7. SUPPORT FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS.

NOTE:
- A AUTOMATIC OCCUPIED OPERATION BY LOCAL TEMPERATURE CONTROL ZONE
- B MANUAL CONTROLS BY DIVISION 26.
  - .1 WITH TIMER SWITCH
  - .2 WITH LIGHTS
  - .3 WITH LOCAL SWITCH
- C AUTOMATIC OPERATION BY REVERSE ACTING THERMOSTAT
- D 24 HOUR CONTINOUS OPERATION
- E AUTOMATIC OPERATION DURING EVENT MODE.

23 55 33 - GAS UNIT HEATER SCHEDULE

MARK	TYPE	QTY	FAN CRITERIA & PERFORMANCE: DESIGN FLOW (CFM)	POWER (HP)	SERVICE (V)	SERVICE (HZ)	SERVICE (PH)	EAT (°F)	LAT (°F)	INPUT (BTU)	OUTPUT (BTU)	MANUFACTURER	MODEL	WEIGHT	NOTES
GUH-01B	GAS FIRED HYDRONIC UNIT HEATER	1	1,345	1/30	115	60	1	55	110	105,000	81,150	REZNOR	UDZ-100	110	
GUH-02B	GAS FIRED HYDRONIC UNIT HEATER	1	1,345	1/30	115	60	1	55	110	105,000	81,150	REZNOR	UDZ-100	100	

23 82 39 - PROPELLER UNIT HEATER SCHEDULE

MARK	TYPE	QTY	FAN CRITERIA & PERFORMANCE: DESIGN FLOW (CFM)	MOTOR CRITERIA: POWER (HP)	SERVICE (V)	SERVICE (HZ)	SERVICE (PH)	HEATING COIL CRITERIA: AIR EAT (°F)	AIR LAT (°F)	TOTAL CAPACITY (BTU)	HEATING SUPPLY: FLOW (GPM)	EWT (°F)	LWT (°F)	WPD (FT-HD)	WEIGHT	MANF. MODEL NO.	NOTES
PUH-01B	HOT WATER	1	1,240	1/8	120	60	1	60	110	66,420	4.5	180	150	0.85	120	ZEHNDER RH-108	1,2,3
PUH-02B	HOT WATER	1	340	1/8	120	60	1	60	110	66,420	4.5	180	150	0.85	120	ZEHNDER RH-108	1,2,3
PUH-03B	HOT WATER	1	340	1/30	120	60	1	60	98	14,186	1.0	180	150	0.83	66	ZEHNDER RH-24	1,2,3
PUH-01C	HOT WATER	1	1,240	1/8	120	60	1	60	110	66,420	4.5	180	150	0.85	120	ZEHNDER RH-108	1,2,3
PUH-02C	HOT WATER	1	1,240	1/8	120	60	1	60	110	66,420	4.5	180	150	0.85	120	ZEHNDER RH-108	1,2,3
PUH-01E	HOT WATER	1	310	1/30	120	60	1	60	92	10,660	1.3	180	150	0.5	64	ZEHNDER RH-18	1,2,3

NOTE:
1. SUPPORT HEATER FROM STRUCTURE ABOVE WITH A MINIMUM OF (2) 3/8" DIAMETER THREADED RODS
2. UNIT FURNIISHED WITH ADJUSTABLE LOUVER FIN DIFFUSERS TO PROVIDE DIRECTIONAL AIR FLOW CONTROL.
3. INCLUDE FACTORY MOUNTED DISCONNECT

23 82 39 - CABINET UNIT HEATER SCHEDULE

Mark	TYPE	CFM	HP	MBH	HW FLOW (GPM)	WPD	WTD	HEATER (KW)	SERVICE	LAT	Manufacturer	MODEL	NOTES
CUH-01B	HOT WATER	250	1/30	20.6	2.4	2.7	17.1	-	120V/1PH	120.0	ZEHNDER	RF-200	1,2,5,6
CUH-01C	ELEC. HEAT	100	-	5120.0		-	-	1.8	120V/1PH		QMARK	CWH SERIES	1,2,3,4
CUH-02C	ELEC. HEAT	100	-	5120.0		-	-	1.8	120V/1PH		QMARK	CWH SERIES	1,2,3,4
CUH-03C	ELEC. HEAT	100	-	5120.0		-	-	1.8	120V/1PH		QMARK	CWH SERIES	1,2,3,4
CUH-04C	HOT WATER	325	1/30	29.1	3.4	3.5	17.1	-	120V/1PH	120.0	ZEHNDER	RF-200	1,2,5,6
CUH-01E	ELEC. HEAT	100	-	0.0				3.0	208V/1PH		QMARK	AWH SERIES	1,2,3,4

NOTE:
1. COLOR TO BE AS SPECIFIED BY ARCHITECT
2. INCLUDE FACTORY MOUNTED DISCONNECT
3. HORIZONTAL RECESSED UNIT
4. ELECTRIC HEAT WITH INTERNAL THERMOSTAT.
5. HORIZONTAL SURFACE MOUNTED UNIT
6. UNIT FURNISHED WITH ADJUSTABLE LOUVER FIN DIFFUSERS TO PROVIDE DIRECTIONAL AIR FLOW CONTROL.

23 80 61 - WELDING EXHAUST FUME SCHEDULE

MARK	TYPE	CFM	ESP	ELECTRICAL: HP	SERVICE	DRIVE	NOTES
WFC-01	DFE 2-8	5900	10	15	208V/3PH	BELT	1,2,3,4,5,6,7,8,9

NOTES:
1. REFER TO SPECIFICATION SECTION 238061 FOR ADDITIONAL REQUIREMENTS.
2. REMOTE CONTROL PANEL TO BE PROVIDED IN THE WELDING LAB. REFER TO DRAWINGS FOR APPROXIMATE LOCATION. COORDINATE EXACT LOCATION WITH ALL TRADES. VFC TO BE IN THE CONTROL PANEL.
3. PROVIDE ONE 55 GALLON HOPPERS.
4. PROVIDE 1" COMPRESSED AIR COMPLETE WITH REGULATOR, SHUT-OFF AND LINE DRYER. COORDINATE COMPRESSED AIR WITH DIVISION 22 CONTRACTOR.
5. DISCONNECT AND MOTOR STARTER BY DIVISION 26 CONTRACTOR.
6. UNIT TO BE FABRICATED SO FAN INLET ELEVATION IS SAME ELEVATION AS UNIT OUTLET.
7. WELDING EXHAUST FILTRATION UNIT AND ASSOCIATED EXHAUST FAN SHALL BE A CUSTOM COLOR AS SELECTED BY ARCHITECT/ENGINEER.
8. PROVIDE A SPARK ARRESTOR IN EACH 16" DIAMETER DUCT.
9. PROVIDE A CONCRETE SUPPORT PAD FOR WELDING COLLECTION UNIT AND BLOWER FAN. COORDINATE EXACT SIZE WITH UNIT MANUFACTURER.

23 37 13 - DIFFUSERS, REGISTERS AND GRILLES SCHEDULE

MARK	TYPE	NECK SIZE	OVERALL SIZE L"xW"	DIMENSIONS W	DIMENSIONS L	MAX CORE / NECK VELOCITY	MAX CFM	MAX NC	FRAME/MOUNTING	REMARKS
A	SQUARE PLAQUE CEILING DIFFUSER	6"	12" x 12"	12"	12"	800	150	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWINGS.
B	SQUARE PLAQUE CEILING DIFFUSER	6"	24" x 24"	24"	24"	800	150	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWINGS.
C	SQUARE PLAQUE CEILING DIFFUSER	8"	24" x 24"	24"	24"	800	225	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWINGS.
D	SQUARE PLAQUE CEILING DIFFUSER	10"	24" x 24"	24"	24"	800	425	20	REFER TO REFLECTED CEILING PLAN	4-WAY BLOW DIFFUSERS, UNLESS INDICATED OTHERWISE ON DRAWINGS.
E	SIDE WALL - SUPPLY GRILLE		6" x 6"	6"	6"	800	150	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
F	SIDE WALL - SUPPLY GRILLE		14" x 14"	14"	14"	800	500	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
G	SIDE WALL - SUPPLY GRILLE		12" x 10"	12"	10"	800	425	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
G1	SIDE WALL - SUPPLY GRILLE		18" x 10"	18"	10"	800	500	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
H	SIDE WALL - SUPPLY GRILLE		18" x 14"	18"	14"	800	600	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
I	SIDE WALL - SUPPLY GRILLE		30" x 16"	30"	16"	800	1600	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
J	SIDE WALL - SUPPLY GRILLE		72" x 36"	72"	34"	600	PER PLANS	15	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
K	SIDE WALL - RETURN / EXHAUST GRILLE		8" x 8"	8"	8"	800	200	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
K1	SIDE WALL - RETURN / EXHAUST GRILLE		10" x 8"	10"	8"	800	300	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
L	SIDE WALL - RETURN / EXHAUST GRILLE		12" x 12"	12"	12"	800	450	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
M	SIDE WALL - RETURN / EXHAUST GRILLE		14" x 14"	14"	14"	800	600	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
N	SIDE WALL - RETURN / EXHAUST GRILLE		18" x 14"	18"	14"	800	600	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
O	SIDE WALL - RETURN / EXHAUST GRILLE		24" x 8"	24"	8"	800	600	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	ALUMINUM GRILLE WITH 35 (DEGREE) DEFLECTION BLADES
P	RETURN/AIR TRANSFER GRILLE		12" x 12"	12"	12"	800	450	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOUNT BORDER FOR DUCTED INSTALLATIONS
Q	RETURN/AIR TRANSFER GRILLE		24" x 12	24"	12"	800	800	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOUNT BORDER FOR DUCTED INSTALLATIONS
R	RETURN/AIR TRANSFER GRILLE		24" x 24"	24"	24"	800	1600	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOUNT BORDER FOR DUCTED INSTALLATIONS
S	SIDE WALL - RETURN / EXHAUST GRILLE		12" x 8"	12"	8"	800	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	35 (DEGREE) DEFLECTION BLADES
T	RETURN/AIR TRANSFER GRILLE		48" x 24"	24"	48"	800	2600	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOUNT BORDER FOR DUCTED INSTALLATIONS
U	HEAVY DUTY SIDE WALL - RETURN GRILLE		30" x 30"	30"	30"	800	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	0 (DEGREE) DEFLECTION BLADES
V	HEAVY DUTY SIDE WALL - RETURN GRILLE		72" x 72"	72"	72"	600	PER PLANS	15	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	BLACK 0 (DEGREE) DEFLECTION BLADES
W	RETURN/AIR TRANSFER GRILLE		24" x 24"	24"	24"	800	PER PLANS	20	REFER TO REFLECTED CEILING PLAN	PROVIDE ALUMINUM SURFACE MOUNT BORDER FOR DUCTED INSTALLATIONS
X	HEAVY DUTY SIDE WALL - RETURN GRILLE		48" x 24"	48"	24"	800	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	ALUMINUM GRILLE WITH 0 (DEGREE) DEFLECTION BLADES.
Y	DUCT MOUNTED - SUPPLY GRILLE		20" x 8"	20"	8"	800	PER PLANS	20	DUCT OR SIDEWALL: REFER TO FLOOR PLAN	45 (DEGREE) DEFLECTION, UNLESS NOTED OTHERWISE ON FLOOR PLAN
Z	LINEAR SLOT DIFFUSER	10"	1-SLOT x 48"L		47 3/4"	800	PER PLANS	20	REFER TO REFLECTED CEILING PLAN	ALUMINUM JET THROW WITH INSULATED PLENUM 1" SLOT WIDTH, TOTAL OF 1 SLOT.
Z1	LINEAR SLOT DIFFUSER	10"	1-SLOT x 36"L		35 3/4"	800	PER PLANS	20	REFER TO REFLECTED CEILING PLAN	JET THROW WITH INSULATED PLENUM 1.5" SLOT WIDTH, TOTAL OF 1 SLOT.
Z2	LINEAR SLOT DIFFUSER	12"	1-SLOT x 36"L		35 3/4"	800	PER PLANS	20	REFER TO REFLECTED CEILING PLAN	JET THROW WITH INSULATED PLENUM 2.0" SLOT WIDTH, TOTAL OF 1 SLOT.

23 34 23 - HIGH VOLUME LOW SPEED CEILING FAN SCHEDULE

MARK	TYPE	FAN DIA.	MAX RPM	ELEC HP	ELEC SERVICE	CONTROL	DRIVE	WEIGHT	NOTES
CF-01B	HIGH VOLUME LOW SPEED CEILING FAN	8	191	1	120V/1PH	A	DIRECT	124 lb	1,2,3,4,5,6,7

NOTE:
1. REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS.
2. COLOR SHALL BE SELECTED FROM MANUFACTURER'S FULL RANGE OF COLORS AS SELECTED BY ARCHITECT/ENGINEER.
3. MOUNT BOTTOM AT 10'-0" AFF.
4. WASH SHALL BE FACTORY MOUNTED TO THE MOTOR AND WALL MOUNTED CONTROLLER.
5. COORDINATE LOCATION OF FAN AND ALL ASSOCIATED COMPONENTS WITH ALL TRADES.
6. FANS SHALL BE INTERLOCKED TO SHUT DOWN IMMEDIATELY UPON RECEIVING A WATERFLOW SIGNAL FROM THE FIRE ALARM SYSTEM. COORDINATE WITH DIVISION 26.
7. INCLUDE WALL MOUNTED PUSH BUTTON CONTROLLERS.

23 37 23 - ROOF VENTILATOR SCHEDULE

MARK	TYPE	QTY	LOCATION	SIZE (INCHES) LENGTH	SIZE (INCHES) WIDTH	THROAT VENT PERFORMANCE AREA (SQ.FT)	THROAT VENT PERFORMANCE VELOCITY (FT/MIN)	DAMPER MOTOR OPERATED	DRIP PAN	WEIGHT (LBS)	CURB HEIGHT	NOTES
IH-01B	INTAKE	1	B102 AG LAB	20	24	3.34	570	NO	YES	70	18"	1,2,3,4,5
IH-02B	INTAKE	1	B103 AG CLASSROOM	20	20	2.78	540	NO	YES	65	18"	1,2,3,4,5
IH-03B	INTAKE	1	B105 AG CLASSROOM	20	20	2.78	540	NO	YES	65	18"	1,2,3,4,5
IH-01C	INTAKE	1	C201 MEZZANINE	36	66	16.5	605	NO	NO	225	24"	1,2,3,4,5
IH-02C	INTAKE	1	C201 MEZZANINE	24	42	7.0	570	NO	NO	115	24"	1,2,3,4,5
IH-03C	INTAKE	1	C201 MEZZANINE	48	78	26.0	615	NO	NO	385	24"	1,2,3,4,5
IH-04C	INTAKE	1	C201 MEZZANINE	24	42	7.0	570	NO	NO	115	24"	1,2,3,4,5
RV-01A	RELIEF	2	A101 GYMNASIUM	42	42	12.25	800	YES	YES	180	18"	1,2,3,4,5
RV-01C	RELIEF	1	C101 HALL OF CHAMPIONS	36	36	9.0	800	YES	YES	140	18"	1,2,3,4,5
RV-01E	RELIEF	2	E116 AUDITORIUM	42	42	12.25	650	YES	YES	225	18"	1,2,3,4,5

NOTES:
1. REFER TO PROJECT MANUAL SECTION 233723
2. COLOR SHALL BE PROVIDED FROM MANUFACTURER'S FULL RANGE OF COLORS AS SELECTED BY ARCHITECT/ENGINEER.
3. CONTROL DAMPER PROVIDED BY TEMPERATURE CONTROL CONTRACTOR WHERE REQUIRED.
4. DRIP PAN TO EXTEND A MINIMUM OF 6" ON EACH SIDE OF HOOD.
5. UNITS TO BE PROVIDED WITH A HINGE BASE KIT.

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TIPPECANOE VALLEY HIGH SCHOOL A&R

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TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT

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A B C D E F

PLAN NORTH

KEY PLAN

100% CONSTRUCTION DOCUMENTS

MARK Z. HOOF REGISTERED No. PE 12000201 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL SCHEDULES

M5.02

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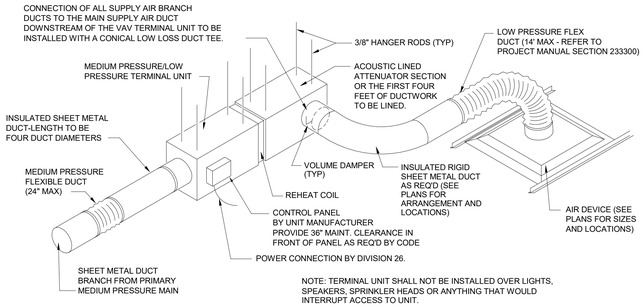
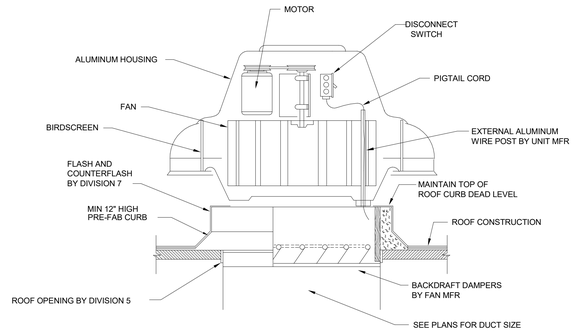


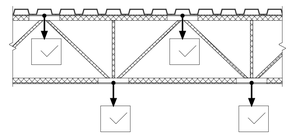
1 TERMINAL REHEAT UNIT INSTALLATION DETAIL

NO SCALE



2 ROOF-MOUNTED EXHAUST FAN INSTALLATION DETAIL

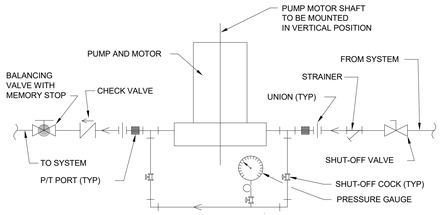
NO SCALE



1. ALL LOADS IN EXCESS OF 100 LBS MAY ONLY BE HUNG FROM THE STEEL JOISTS AT THE LOCATIONS INDICATED WITH A CHECK MARK.
2. LOADS IN EXCESS OF 100 LBS ARE NOT TO BE HUNG FROM THE CROSS-HATCHED REGIONS UNLESS ADDITIONAL WEB REINFORCING MEMBERS ARE INSTALLED PER THE STRUCTURAL DRAWINGS.
3. THIS SECTION APPLIES TO LOADS HUNG FROM BOTH NEW JOISTS AND FROM EXISTING JOISTS.
4. SPACE HANGERS OUT SO THAT NOT ALL HANGERS ARE ATTACHED TO THE SAME JOIST.

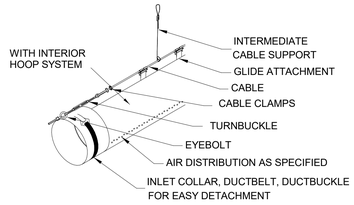
3 ACCEPTABLE LOCATION TO HANG LOADS FROM STEEL JOISTS

NO SCALE



4 PIPING MOUNTED IN-LINE PUMP PIPING DIAGRAM

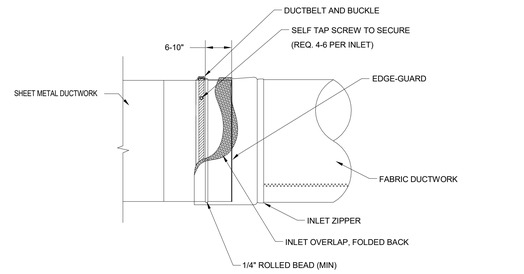
NO SCALE



5 FABRIC DUCTWORK SUSPENSION DETAIL

1 ROW CABLE SUSPENSION AT 12 O'CLOCK - INTERNAL HOOPS AT 5' ON CENTER

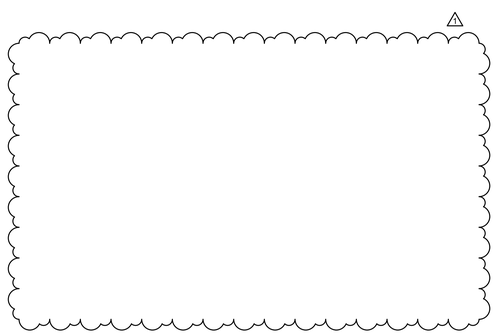
NO SCALE



6 FABRIC DUCT INLET ATTACHMENT DETAIL

FABRIC WITH ZIPPER AND OVERLAP

NO SCALE



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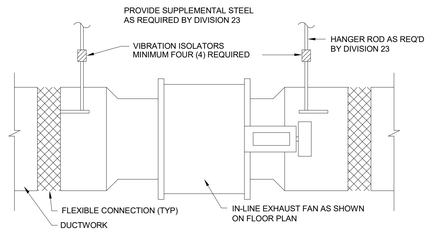
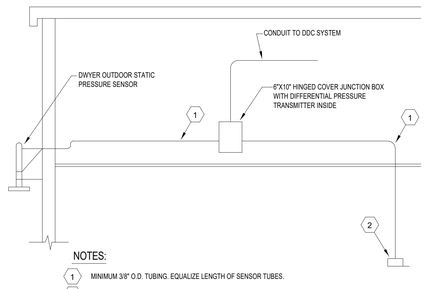


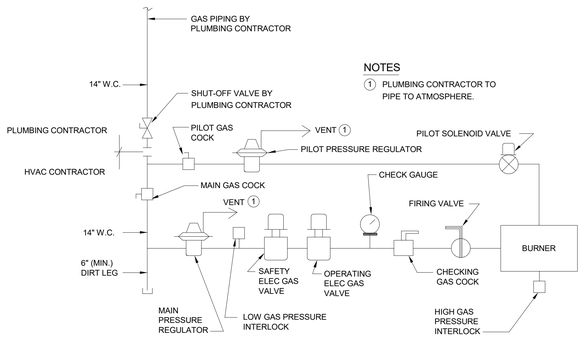
8 IN-LINE EXHAUST FAN MOUNTING DETAIL

NO SCALE



9 BUILDING STATIC PRESSURE SENSOR DETAIL

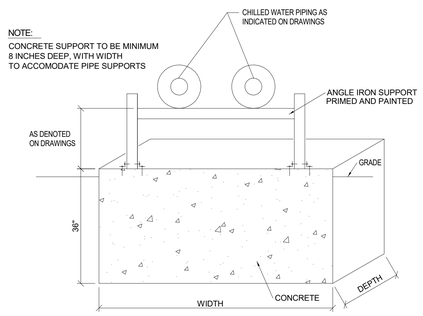
NO SCALE



10 BOILER GAS TRAIN PIPING DIAGRAM

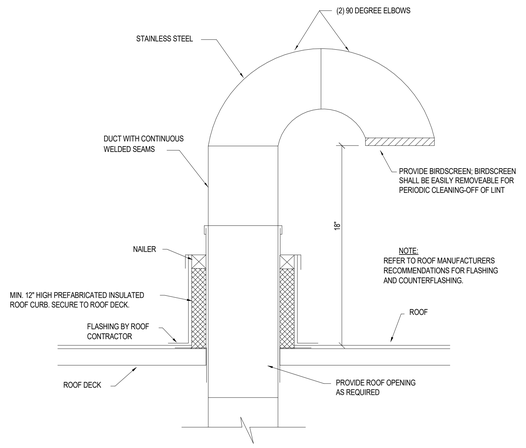
(FM APPROVED)

NO SCALE



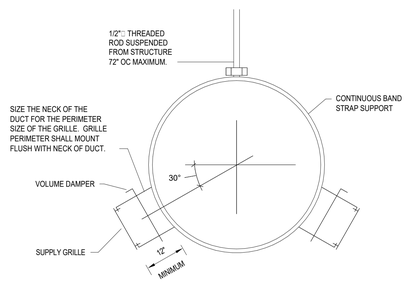
11 OUTDOOR PIPING SUPPORT DETAIL

NO SCALE



12 GOOSENECK VENT DETAIL

NO SCALE



13 EXPOSED DUCT SUPPLY AIR GRILLE DETAIL

NO SCALE

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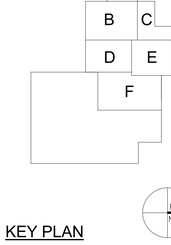
TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT



KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL DETAILS

M5.03

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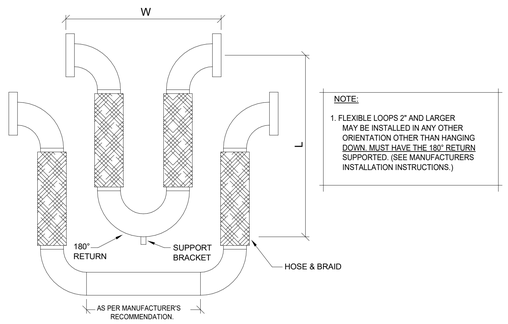
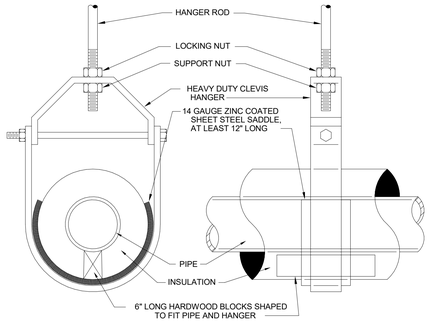
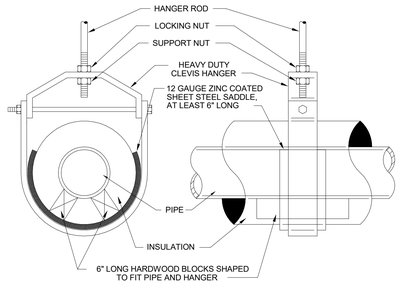


SIZE	MOVEMENT	W	L	PSI @ 200°	SPRING FORCE LBS.	WEIGHT LBS.
1/2"	+4" -4"	8"	15"	706	45	2.5
3/4"	+4" -4"	9-1/2"	19"	577	47	2.5
1"	+4" -4"	10-1/4"	21"	470	53	3.0
1-1/4"	+4" -4"	11-1/4"	22"	361	66	4.0
1-1/2"	+4" -4"	11-3/4"	24"	329	70	4.5
2"	+4" -4"	20"	25"	500.0	78	18
2-1/2"	+4" -4"	21-1/2"	28"	387.0	83	29
3"	+4" -4"	24"	30"	288.0	90	43
4"	+4" -4"	30"	35"	232.0	120	60
5"	+4" -4"	36"	40"	191.0	186	99
6"	+4" -4"	42"	46"	165.0	202	150
8"	+4" -4"	56"	58"	212.0	260	286
10"	+4" -4"	68"	67"	175.0	283	461

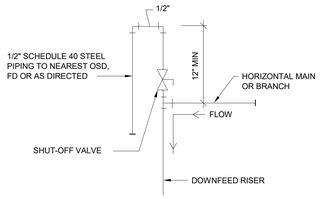
1 HOSE AND BRAID FLEXIBLE LOOP DETAIL
NO SCALE



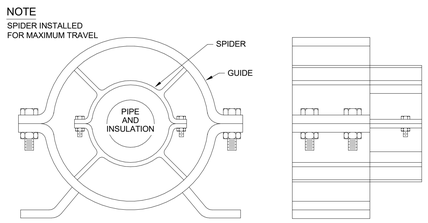
2 PIPE HANGERS (6" AND SMALLER)
NO SCALE



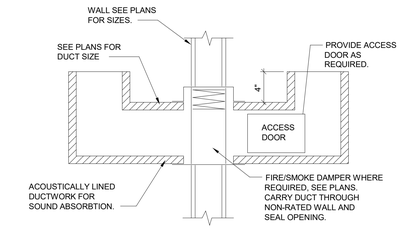
3 PIPE HANGERS (8" AND LARGER)
NO SCALE



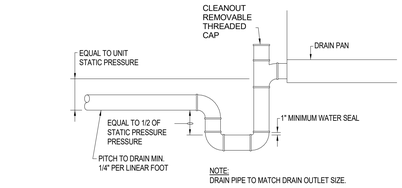
4 MANUAL AIR VENT DIAGRAM
NO SCALE



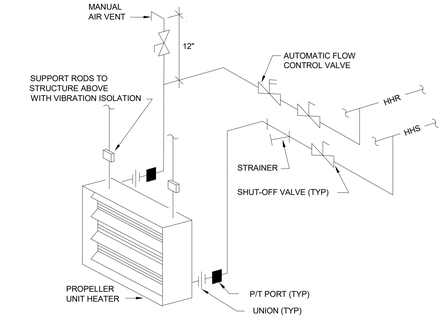
5 PIPE ALIGNMENT GUIDE DETAIL
NO SCALE



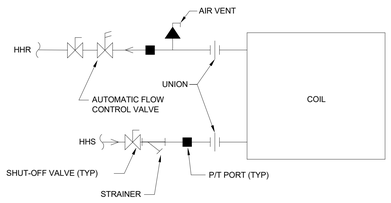
6 RETURN AIR SOUND TRAP DETAIL
NO SCALE



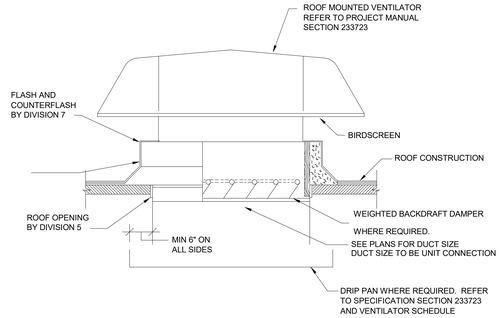
7 CONDENSATE TRAP PIPING DETAIL
NO SCALE



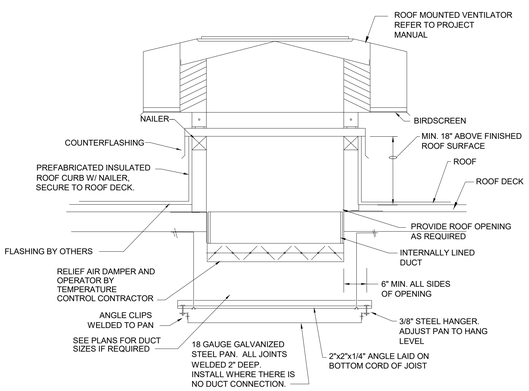
8 PROPELLER UNIT HEATER PIPING DIAGRAM
NO SCALE



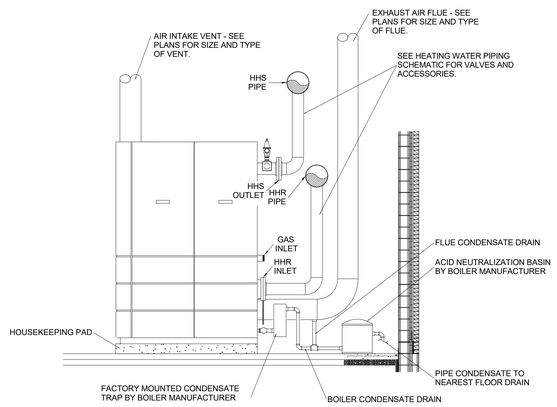
9 CABINET HEATER COIL PIPING DIAGRAM
NO SCALE



10 ROOF MOUNTED VENTILATOR DETAIL
NO SCALE



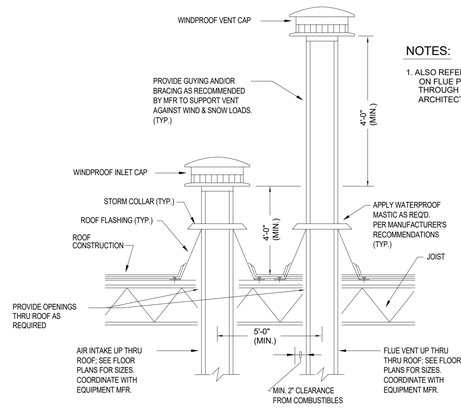
11 RELIEF AIR HOOD INSTALLATION DETAIL
NO SCALE



CONDENSING TYPE BOILER ARRANGEMENT

NOTE:
REFER TO HEATING HOT WATER FLOW DIAGRAM FOR ACTUAL NUMBER OF BOILERS THERMOMETERS, GAUGES, VALVES AND OTHER SPECIALTY FITTINGS.

HEATING HOT WATER CONDENSING
12 BOILER INSTALLATION DETAIL (ELEVATION)
NO SCALE



NOTES:
1. ALSO REFER TO DETAILS ON FLUE PENETRATIONS THROUGH THE ROOF ON ARCHITECT'S DRAWINGS.

13 BOILER FLUE INSTALLATION
NO SCALE

1

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ARCHITECT

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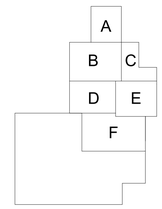

KEY PLAN

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

MECHANICAL DETAILS

M5.04

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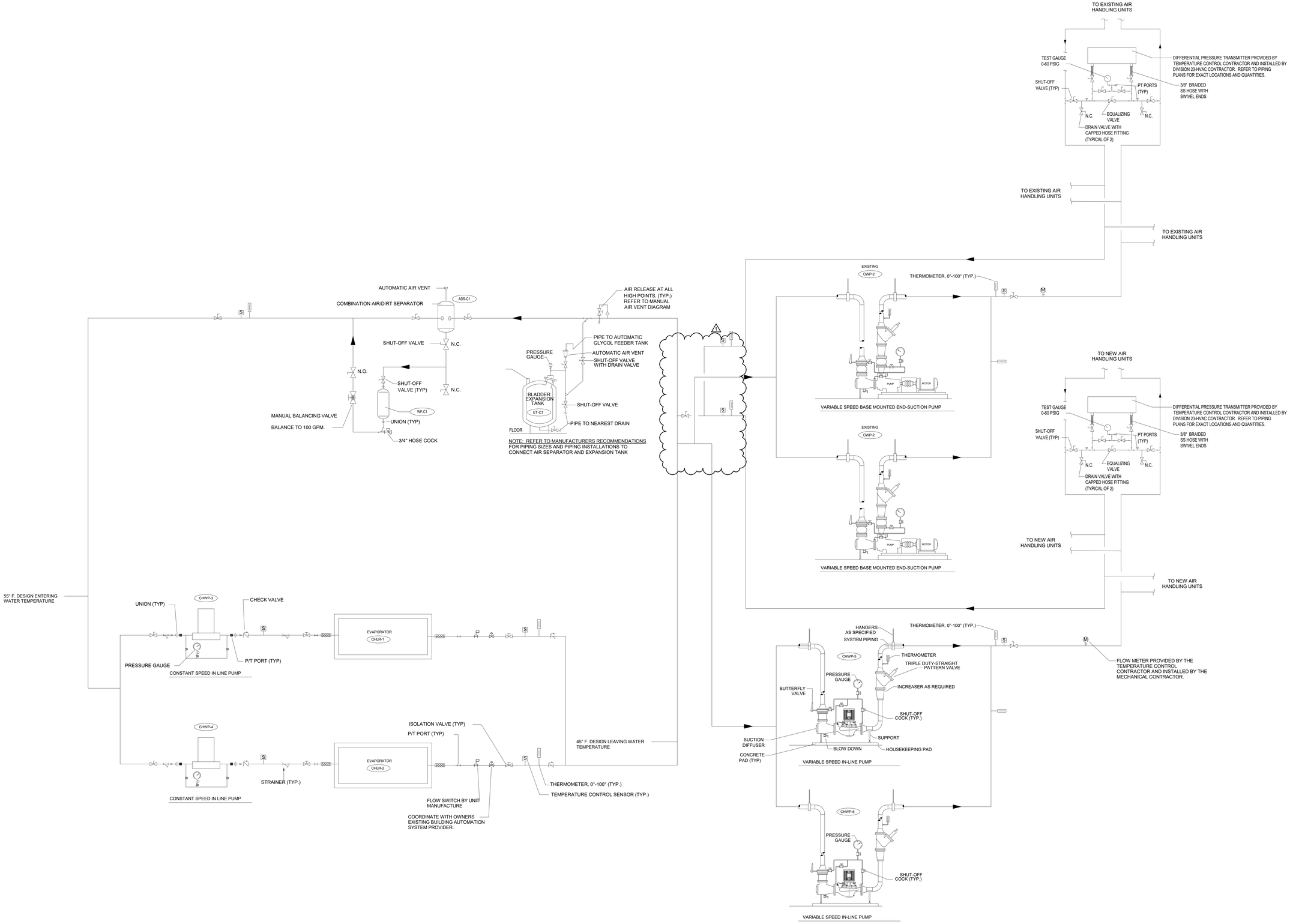

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KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

MARK Z. HOSE REGISTERED No. PE 12000001 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

CHILLED WATER SCHEMATICS

M5.08

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REFER TO SPECIFIC DETAILS FOR COIL HOOKUPS ON AIR HANDLING UNITS AND TERMINAL UNITS.

DIFFERENTIAL PRESSURE TRANSMITTER PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY DIVISION 23-HVAC CONTRACTOR. REFER TO PIPING PLANS FOR EXACT LOCATIONS AND QUANTITIES.

TEST GAUGE 0-60 PSIG

3/8" BRAIDED SS HOSE WITH SWIVEL ENDS

SHUT-OFF VALVE (TYP)

PT PORTS (TYP)

N.C.

EQUALIZING VALVE

N.C.

DRAIN VALVE WITH CAPPED HOSE FITTING (TYPICAL OF 2)

DPT COMMISSIONING NOTES:
1. OPEN THE EQUALIZING VALVE.
2. OPEN THE ISOLATION VALVES.
3. SLOWLY CRACK JOINT OF BRAIDED HOSE TO BLEED AIR.
4. TIGHTEN BRAIDED HOSE FITTING ONCE AIR IS BLED.
5. CLOSE THE EQUALIZING VALVE TO READ DIFFERENTIAL PRESSURE.

FROM EXISTING POOL EQUIPMENT

TO EXISTING AIR HANDLING UNITS

TO TERMINAL DEVICES

TO NEW AIR HANDLING UNITS

TO TERMINAL DEVICES

HHR FROM BUILDING

HHS TO BUILDING

HHS

HHS

60.0 GPM - 470.0 GPM CONTROLLED BY VARIABLE FREQUENCY CONTROLLERS AT PUMPS BASED ON DIFFERENTIAL PRESSURE CONTROL. CABINET HEATERS AND UNIT HEATERS HAVE CONTINUOUS FLOW FOR MINIMUM BYPASS.

SCHEMATICS TO BE USED IN CONJUNCTION WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS. SUBMITTALS TO BE APPROVED BEFORE START OF INSTALLATION.

UNION (TYP)

WATER METER

3/4"

CONNECT TO COLD WATER SUPPLY

12# PRESSURE REDUCING VALVE WITH BUILT-IN STRAINER AND CHECK VALVE

50 PSI RELIEF VALVE (3/4")

PIPE TO DRAIN

PRESSURE GAUGE AND COCK

1/2" (TYP)

FUNNEL

3/4" VENT AND FILL VALVE

CSF-1

PRESSURE RATED CHEMICAL SHOT FEEDER

UNION

3/4" HOSE COCK

SHUT-OFF VALVE (TYP)

MAXIMUM 48" ABOVE FLOOR

FLOOR

HANGERS AS SPECIFIED

SYSTEM PIPING

THERMOMETER (TYP)

PRESSURE GAUGE

TRIPLE DUTY-STRAIGHT PATTERN VALVE

HHWP-02

INCREASER AS REQUIRED

BUTTERFLY VALVE

SHUT-OFF COCK (TYP)

SUCTION DIFFUSER

SUPPORT

SUPPORT

ISOLATION PAD

CONCRETE PAD

BLOW DOWN, PIPE TO DRAIN

VARIABLE SPEED FLOOR-MOUNTED VERTICAL IN-LINE PUMP

THERMOMETER 0°-240° (TYP.)

180° F. DESIGN LEAVING WATER TEMPERATURE

AIR RELEASE AT ALL HIGH POINTS. (TYP.)

TEMPERATURE CONTROL SENSOR

FLOW METER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.

COMBINATION AIR/DIRT SEPARATOR

AUTOMATIC AIR VENT

ADS-H1

SHUT-OFF VALVE

THREADED END CAP

MINIMUM 84" ABOVE FLOOR

FLOOR

CONTROL VALVE BY TEMPERATURE CONTROL CONTRACTOR (TYP) LEAD BOILER = OPEN

MANUAL BALANCE VALVE (TYP)

STRAINER (TYP.)

THERMOMETER, 0°-240° (TYP.)

TEMPERTURE CONTROL SENSOR (TYP.)

FLOW SWITCH (TYP.)

CHECK VALVE (TYP.)

BRAIDED FLEXIBLE CONNECTION (TYP.)

FULL PORT ISOLATION VALVE (TYP.)

PRESSURE/TEMPERATURE GAUGE (TYP.)

BLR-01

BLR-02

BLR-03

24" MINIMUM

24" MINIMUM

CONCRETE PAD

NOTE:
BOILERS THERMOMETERS, GAUGES, VALVES AND OTHER SPECIALTY FITTINGS. TO BE LOCATED BELOW 7'-0"AFF FOR EASE OF ACCESS.

PRESSURE GAUGE

PRE-CHARGING AIR CONNECTION

BLADDER EXPANSION TANK

ET-H1

PIPE TO NEAREST DRAIN

AUTOMATIC AIR VENT

SHUT-OFF VALVE WITH DRAIN VALVE

SHUT-OFF VALVE

PIPE TO NEAREST DRAIN

FLOOR

NOTE: REFER TO MANUFACTURERS RECOMMENDATIONS FOR PIPING SIZES AND PIPING INSTALLATIONS TO CONNECT AIR SEPARATOR AND EXPANSION TANK

HANGERS AS SPECIFIED

SYSTEM PIPING

THERMOMETER (TYP)

PRESSURE GAUGE

TRIPLE DUTY-STRAIGHT PATTERN VALVE

HHWP-02

INCREASER AS REQUIRED

BUTTERFLY VALVE

SHUT-OFF COCK (TYP)

SUCTION DIFFUSER

SUPPORT

SUPPORT

ISOLATION PAD

CONCRETE PAD

BLOW DOWN, PIPE TO DRAIN

VARIABLE SPEED FLOOR-MOUNTED VERTICAL IN-LINE PUMP

TO EXISTING POOL EQUIPMENT

HHWP-03

EXISTING SWIMMING POOL CIRCULATION PUMP.

PUMP

MOTOR

OCNSTANT SPEED BASE MOUNTED END-SUCTION PUMP

VARIABLE-PRIMARY HEATING WATER PIPING SCHEMATIC

NO SCALE

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TIPPECANOE VALLEY HIGH SCHOOL A&R

8345 STATE ROUTE 19, AKRON, IN 46910

TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT

FANNING HOWEY

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A B C D E F

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

MARK Z. HOSE REGISTERED No. PE 12000301 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: DJA

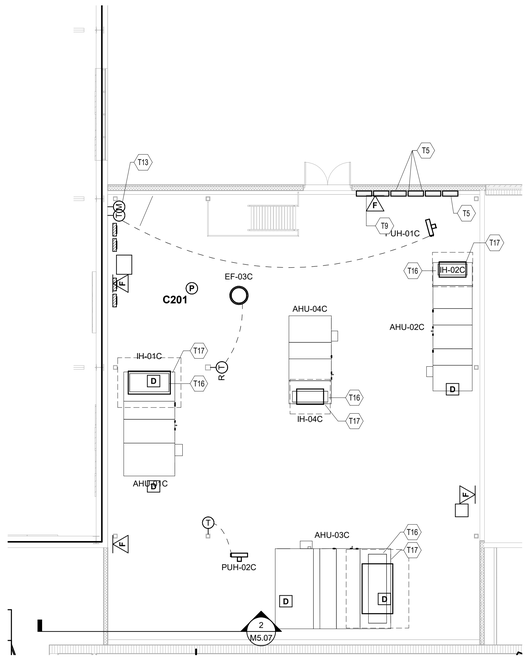
PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

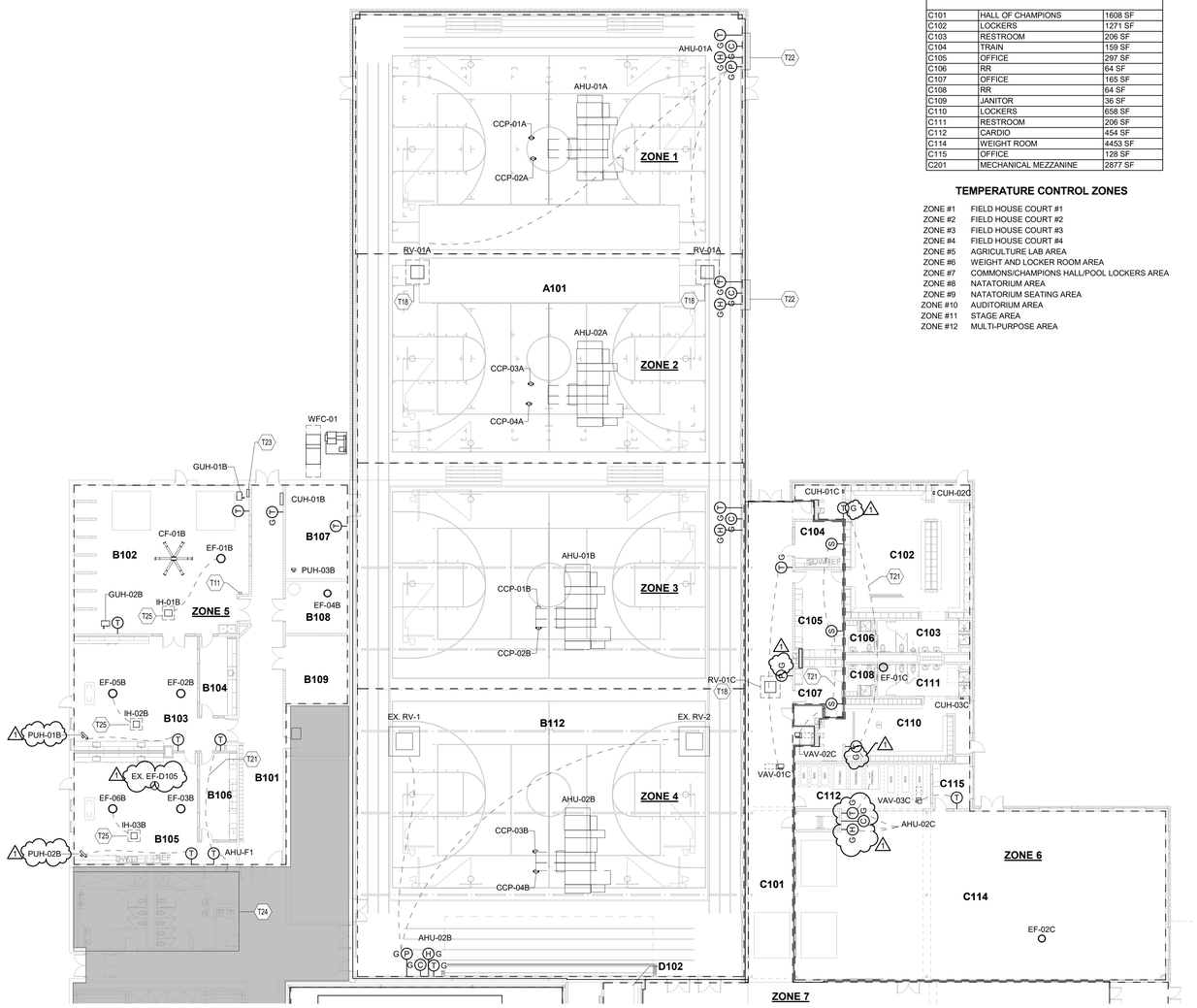
HEATING WATER SCHEMATICS

M5.09



MEZZANINE MECHANICAL PLAN - TEMPERATURE CONTROL PAN - UNIT C

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



FIRST FLOOR TEMPERATURE CONTROL PLAN - UNIT A, B & C

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

ROOM LEGEND - FIRST FLOOR UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A101	GYMNASIUM #2	13014 SF

ROOM LEGEND - FIRST FLOOR UNIT B

ROOM NO.	ROOM NAME	AREA (SF)
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B112	FIELD HOUSE	13884 SF

ROOM LEGEND - FIRST FLOOR UNIT C

ROOM NO.	ROOM NAME	AREA (SF)
C101	HALL OF CHAMPIONS	1608 SF
C102	LOCKERS	1271 SF
C103	RESTROOM	206 SF
C104	TRAIN	159 SF
C105	OFFICE	297 SF
C106	RR	64 SF
C107	OFFICE	165 SF
C108	RR	64 SF
C109	JANITOR	36 SF
C110	LOCKERS	658 SF
C111	RESTROOM	206 SF
C112	CARDIO	454 SF
C114	WEIGHT ROOM	4453 SF
C115	OFFICE	128 SF
C201	MECHANICAL MEZZANINE	2877 SF

TEMPERATURE CONTROL ZONES

ZONE #1 FIELD HOUSE COURT #1
ZONE #2 FIELD HOUSE COURT #2
ZONE #3 FIELD HOUSE COURT #3
ZONE #4 FIELD HOUSE COURT #4
ZONE #5 AGRICULTURE LAB AREA
ZONE #6 WEIGHT AND LOCKER ROOM AREA
ZONE #7 COMMONS/CHAMPIONS HALL/POOL LOCKERS AREA
ZONE #8 NATATORIUM AREA
ZONE #9 NATATORIUM SEATING AREA
ZONE #10 AUDITORIUM AREA
ZONE #11 STAGE AREA
ZONE #12 MULTI-PURPOSE AREA

TEMPERATURE CONTROL PLAN GENERAL NOTES

A. REFER TO SPECIFICATION SECTIONS 230900 AND 230993 FOR TEMPERATURE CONTROL SPECIFICATIONS AND SEQUENCE OF OPERATIONS.
B. ALL THERMOSTATS/SENSORS TO BE MOUNTED WITH BOTTOM AT 44" AFF UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATIONS WITH ALL TRADES.
C. TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE INTERCONNECTING WIRING BETWEEN VARIABLE FREQUENCY CONTROLLER AND EQUIPMENT.
D. OUTDOOR STATIC PRESSURE AND TEMPERATURE SENSORS TO BE LOCATED PER MANUFACTURER'S RECOMMENDATIONS.

TEMPERATURE CONTROL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

T5 LOCATION OF AIR HANDLING UNIT CONTROL PANEL. COORDINATE EXACT LOCATION WITH ALL TRADES.
T9 LOCATION OF POOL DEHUMIDIFICATION UNIT CONTROL PANEL. COORDINATE EXACT LOCATION WITH ALL TRADES.
T11 APPROXIMATE LOCATION OF HIGH VOLUME LOW SPEED CEILING FAN CONTROLLER PROVIDED BY THE MANUFACTURER. COORDINATE EXACT LOCATION WITH ALL TRADES.
T13 TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE CARBON MONOXIDE DETECTOR. REFER TO PROJECT MANUAL. COORDINATE EXACT LOCATION WITH ALL TRADES.
T16 OUTSIDE AIR CONTROL DAMPER SHALL BE FACTORY MOUNTED IN AIR HANDLING UNIT. DAMPER OPERATORS PROVIDED BY TEMPERATURE CONTROL CONTRACTOR.
T17 RETURN AIR CONTROL DAMPER SHALL BE FACTORY MOUNTED IN AIR HANDLING UNIT. DAMPER OPERATORS PROVIDED BY TEMPERATURE CONTROL CONTRACTOR.
T18 RELIEF AIR CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANCIAL CONTRACTOR.
T21 INTERCONNECTING CONTROL WIRING BETWEEN TEMPERATURE SENSORS FOR SPACE TEMPERATURE AVERAGING.
T22 INSTALL A 1" THICK INSULATED BASED BEHIND THERMOSTAT.
T23 APPROXIMATE LOCATION OF WELDING EXHAUST SYSTEM CONTROLLER AND VFC. COORDINATE LOCATION WITH ALL TRADES
T24 TO EXISTING DOAS AIR HANDLING UNIT LOCATED IN MEZZANINE ABOVE.
T25 INTERLOCK WITH LOCAL EXHAUST FAN.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT

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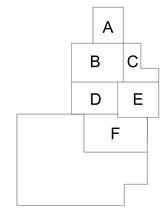

PLAN NORTH

KEY PLAN

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR TEMPERATURE CONTROL PLAN

M6.01

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TEMPERATURE CONTROL ZONES

ZONE #1	FIELD HOUSE COURT #1
ZONE #2	FIELD HOUSE COURT #2
ZONE #3	FIELD HOUSE COURT #3
ZONE #4	FIELD HOUSE COURT #4
ZONE #5	AGRICULTURE LAB AREA
ZONE #6	WEIGHT AND LOCKER ROOM AREA
ZONE #7	COMMONS/CHAMPIONS HALL/POOL LOCKERS AREA
ZONE #8	NATATORIUM AREA
ZONE #9	NATATORIUM SEATING AREA
ZONE #10	AUDITORIUM AREA
ZONE #11	STAGE AREA
ZONE #12	MULTI-PURPOSE AREA

ROOM LEGEND - FIRST FLOOR UNIT D

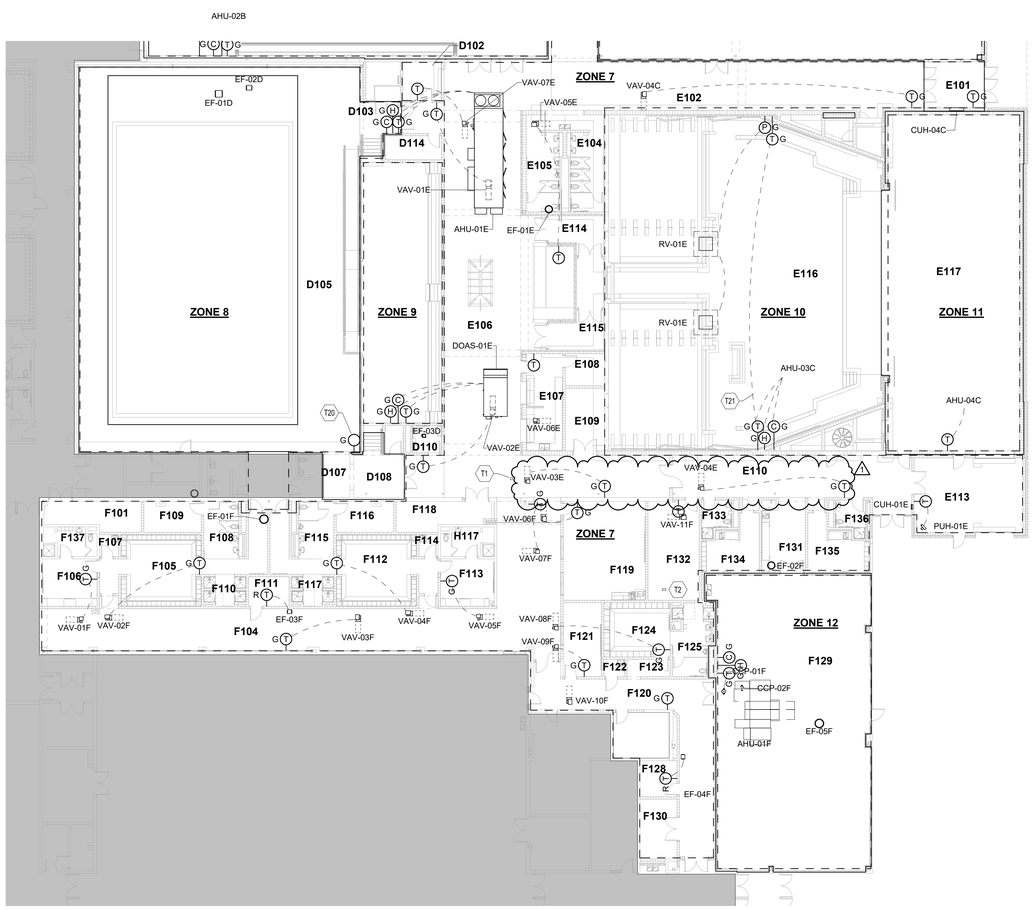
ROOM NO.	ROOM NAME	AREA (SF)
D102	SRO OFFICE	101 SF
D103	VESTIBULE	120 SF
D105	POOL	7300 SF
D107	VESTIBULE	78 SF
D108	VESTIBULE	172 SF
D110	RESTROOM	55 SF

ROOM LEGEND - FIRST FLOOR UNIT E

ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	179 SF
E102	CORRIDOR	1248 SF
E103	ELEC/TECH	52 SF
E104	LARGE GROUP RESTROOM	220 SF
E105	LARGE GROUP RESTROOM	220 SF
E106	STUDET COMMONS	2961 SF
E107	STUDENT STORE	241 SF
E108	STORAGE	86 SF
E109	TABLE STORAGE	168 SF
E110	CORRIDOR	785 SF
E111	CATWALK ACCESS	52 SF
E113	SCENE SHOP	550 SF
E114	VESTIBULE	123 SF
E115	VESTIBULE	123 SF
E116	AUDITORIUM	5471 SF
E117	STAGE	3574 SF

ROOM LEGEND - FIRST FLOOR UNIT F

ROOM NO.	ROOM NAME	AREA (SF)
F127	ELECTRICAL	Not Placed
F101	STORAGE	175 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	169 SF
F119	TEAM ROOM	554 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F129	MULTI-PURPOSE	3100 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF



FIRST FLOOR TEMPERATURE CONTROL PLAN - UNIT D, E & F

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

TEMPERATURE CONTROL PLAN GENERAL NOTES

A. REFER TO SPECIFICATION SECTIONS 230900 AND 230993 FOR TEMPERATURE CONTROL SPECIFICATIONS AND SEQUENCE OF OPERATIONS.
B. ALL THERMOSTATS/SENSORS TO BE MOUNTED WITH BOTTOM AT 44" AFF UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATIONS WITH ALL TRADES.
C. TEMPERATURE CONTROL CONTRACTOR SHALL PROVIDE INTERCONNECTING WIRING BETWEEN VARIABLE FREQUENCY CONTROLLER AND EQUIPMENT.
D. OUTDOOR STATIC PRESSURE AND TEMPERATURE SENSORS TO BE LOCATED PER MANUFACTURER'S RECOMMENDATIONS.

TEMPERATURE CONTROL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

T1 APPROXIMATE LOCATION OF DUCT STATIC PRESSURE SENSOR. SENSOR PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
T2 DIFFERENTIAL PRESSURE TRANSMITTER FOR HEATING WATER VARIABLE VOLUME PUMP CONTROL. TRANSMITTER PROVIDED BY TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
T20 CONTROLLER PROVIDED AND INSTALLED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR. CONTROLLER SHALL ACTIVATE EVENT MODE ON THE DOAS AIR HANDLING UNIT (DOAS-1).
T21 INTERCONNECTING CONTROL WIRING BETWEEN TEMPERATURE SENSORS FOR SPACE TEMPERATURE AVERAGING.
T24 TO EXISTING DOAS AIR HANDLING UNIT LOCATED IN MEZZANINE ABOVE.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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TIPPECANOE VALLEY HIGH SCHOOL A&R

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TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT

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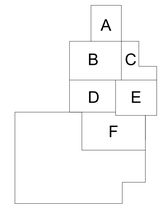

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: DJA
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

FIRST FLOOR TEMPERATURE CONTROL PLAN

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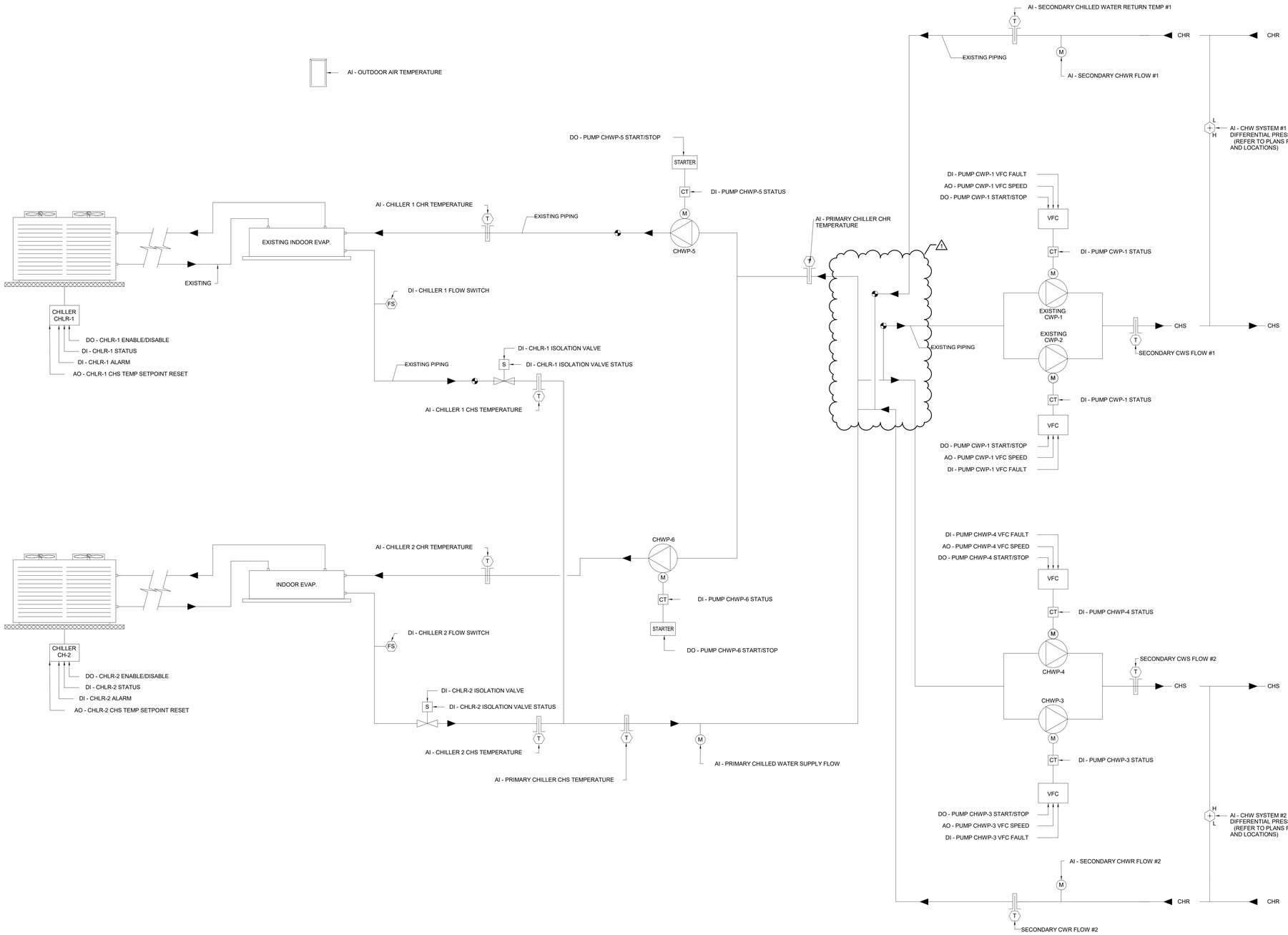

INPUT/OUTPUT SUMMARY TABLE

PROJECT:
TIPPECANOE VALLEY HIGH SCHOOL
AKRON, INDIANA

COOLING PLANT

POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
PRIMARY CWS TEMPERATURE	X				X		X
PRIMARY CWR TEMPERATURE	X				X		X
SECONDARY CWS TEMPERATURE #1	X				X		X
SECONDARY CWR TEMPERATURE #1	X				X		X
SECONDARY CWS TEMPERATURE #2	X				X		X
SECONDARY CWR TEMPERATURE #2	X				X		X
SECONDARY CWR FLOW #1	X				X	X	X
SECONDARY CWR FLOW #2	X				X	X	X
CHILLER CHLR-1 CWS TEMPERATURE		X			X		X
CHILLER CHLR-1 CWR TEMPERATURE	X				X		X
CHILLER CHLR-2 CWS TEMPERATURE		X			X		X
CHILLER CHLR-2 CWR TEMPERATURE	X				X		X
SYSTEM DIFFERENTIAL PRESSURE #1	X				X		X
SYSTEM DIFFERENTIAL PRESSURE #2	X				X		X
CHILLER DIFFERENTIAL PRESSURE #1	X				X		X
CHILLER DIFFERENTIAL PRESSURE #2	X				X		X
CHILLER CHLR-1 STATUS			X		X	X	X
CHILLER CHLR-2 STATUS			X		X	X	X
PRIMARY PUMP CHWP-5 STATUS			X		X	X	X
PRIMARY PUMP CHWP-6 STATUS			X		X	X	X
SECONDARY PUMP CWP-1 STATUS			X		X	X	X
SECONDARY PUMP CWP-2 STATUS			X		X	X	X
SECONDARY PUMP CHWP-3 STATUS			X		X	X	X
SECONDARY PUMP CHWP-4 STATUS			X		X	X	X
CHILLER CHLR-1 FLOW SWITCH			X		X	X	X
CHILLER CHLR-2 FLOW SWITCH			X		X	X	X
CHLR-1 ISOLATION VALVE STATUS			X		X	X	X
CHLR-1 ISOLATION VALVE STATUS			X		X	X	X
SECONDARY CWP-1 VFC SPEED		X			X	X	X
SECONDARY CWP-2 VFC SPEED		X			X	X	X
SECONDARY CHWP-3 VFC SPEED		X			X	X	X
SECONDARY CHWP-4 VFC SPEED		X			X	X	X
SECONDARY CWP-1 VFC FAULT			X		X	X	X
SECONDARY CWP-2 VFC FAULT			X		X	X	X
SECONDARY CHWP-3 VFC FAULT			X		X	X	X
SECONDARY CHWP-4 VFC FAULT			X		X	X	X
CHLR-1 ISOLATION VALVE				X			
CHLR-2 ISOLATION VALVE				X			
CHILLER CHLR-1 ENABLE/DISABLE				X			
CHILLER CHLR-2 ENABLE/DISABLE				X			
PRIMARY PUMP CHWP-5 S/S				X			
PRIMARY PUMP CHWP-6 S/S				X			
SECONDARY PUMP CWP-1 S/S				X			
SECONDARY PUMP CWP-2 S/S				X			
SECONDARY PUMP CHWP-3 S/S				X			
SECONDARY PUMP CHWP-4 S/S				X			
CHILLER CHLR-1 ENABLE/DISABLE				X			
CHILLER CHLR-2 ENABLE/DISABLE				X			
CHILLER 1 ALARM			X		X	X	X
CHILLER 2 ALARM			X		X	X	X

EXISTING CHILLED WATER TEMPERATURE CONTROL DEVICES SHALL BE REPLACED. DIAGRAMS ARE DIAGRAMMATIC IN NATURE. NEW INSTALLATION SHALL MATCH EXISTING POINT CLOUDS AND INSTALLATION.

CHILLER UNIT CONTROL SCHEMATICS AND INPUT/OUTPUT SUMMARY TABLE TO BE USED IN CONJUNCTION WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS. UNIT CONTROL SCHEMATIC REPRESENTS MINIMUM REQUIREMENTS. POINTS LIST TO BE PROVIDED BY CHILLER MANUFACTURER.

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ARCHITECT

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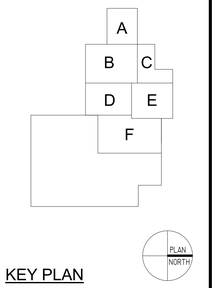

KEY PLAN

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

CHILLER CONTROLS SCHEMATIC

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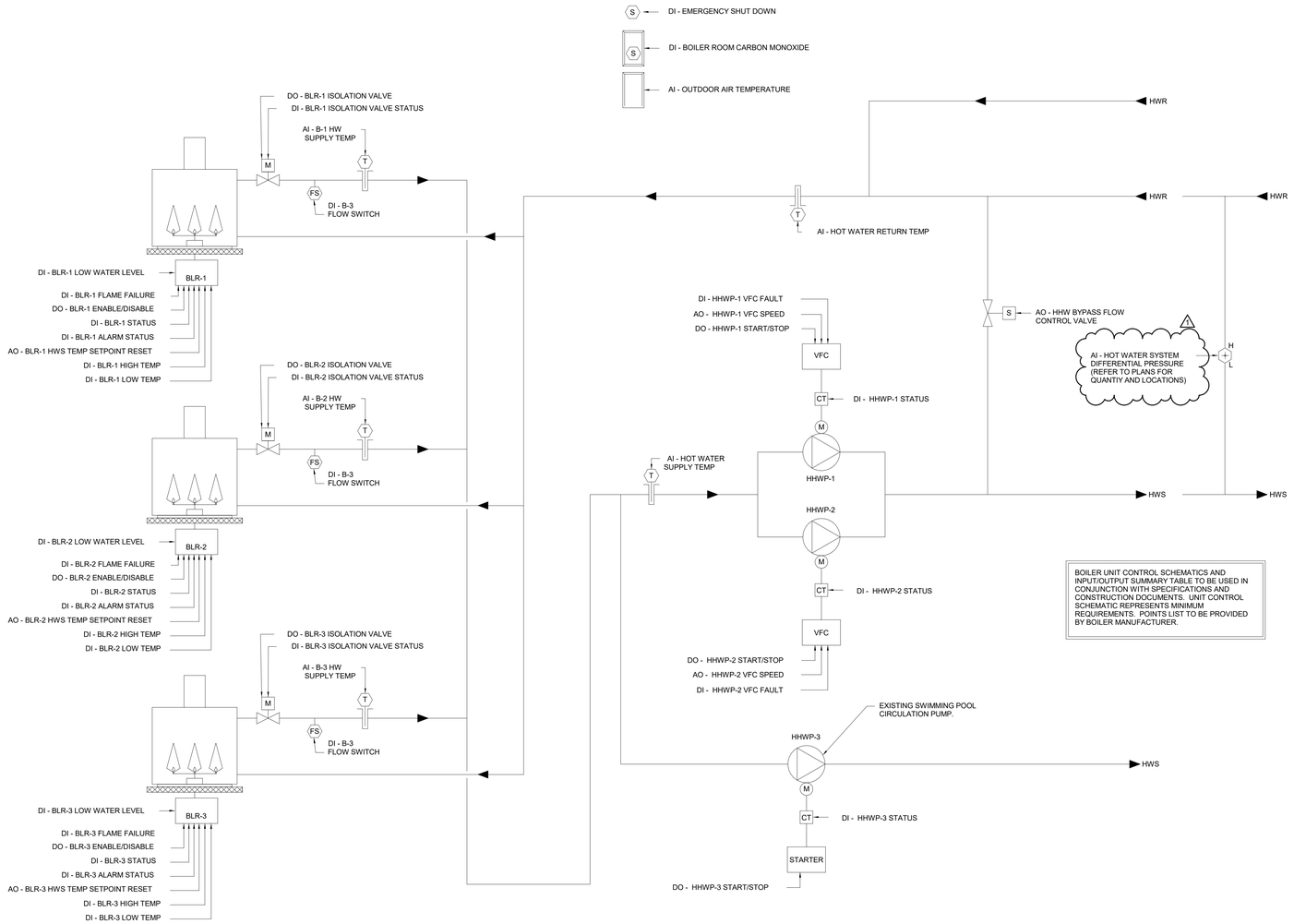

BOILER UNIT CONTROL SCHEMATICS AND INPUT/OUTPUT SUMMARY TABLE TO BE USED IN CONJUNCTION WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS. UNIT CONTROL SCHEMATIC REPRESENTS MINIMUM REQUIREMENTS. POINTS LIST TO BE PROVIDED BY BOILER MANUFACTURER.

HEATING WATER CONTROL SCHEMATIC

NO SCALE

INPUT/OUTPUT SUMMARY TABLE

PROJECT:
TIPPECANOE VALLEY HIGH SCHOOL
AKRON, INDIANA

HEATING WATER PLANT

POINT DESCRIPTION	AI	AO	DI	DO	TREND	ALARM	GRAPHIC
HOT WATER SUPPLY TEMP	X				X		X
HOT WATER RETURN TEMP	X				X		X
HOT WATER SYSTEM DIFFERENTIAL PRESSURE	X				X		X
BOILER-1 HW SUPPLY TEMP	X				X		X
BOILER-2 HW SUPPLY TEMP	X				X		X
BOILER-3 HW SUPPLY TEMP	X				X		X
BOILER-1 HIGH TEMP	X					X	
BOILER-2 HIGH TEMP	X					X	
BOILER-3 HIGH TEMP	X					X	
BOILER-1 LOW TEMP	X					X	
BOILER-2 LOW TEMP	X					X	
BOILER-3 LOW TEMP	X					X	
HHWP-1 VFC SPEED		X			X	X	X
HHWP-2 VFC SPEED		X			X	X	X
BOILER-1 HWS TEMP SETPOINT RESET		X			X		X
BOILER-2 HWS TEMP SETPOINT RESET		X			X		X
BOILER-3 HWS TEMP SETPOINT RESET		X			X		X
BOILER-1 STATUS			X		X	X	X
BOILER-2 STATUS			X		X	X	X
BOILER-3 STATUS			X		X	X	X
HHWP-1 STATUS			X		X	X	X
HHWP-2 STATUS			X		X	X	X
HHWP-3 STATUS			X		X	X	X
BOILER-1 FLOW SWITCH			X		X	X	X
BOILER-2 FLOW SWITCH			X		X	X	X
BOILER-3 FLOW SWITCH			X		X	X	X
BOILER-1 ALARM STATUS			X		X	X	X
BOILER-2 ALARM STATUS			X		X	X	X
BOILER-3 ALARM STATUS			X		X	X	X
HHWP-1 VFC FAULT			X		X	X	X
HHWP-2 VFC FAULT			X		X	X	X
BOILER-1 ENABLE/DISABLE				X			X
BOILER-2 ENABLE/DISABLE				X			X
BOILER-3 ENABLE/DISABLE				X			X
HHWP-1 START/STOP				X			
HHWP-2 START/STOP				X			
HHWP-3 START/STOP				X			
BOILER-1 ISOLATION VALVE				X	X		X
BOILER-2 ISOLATION VALVE				X	X		X
BOILER-3 ISOLATION VALVE				X	X		X
BOILER-1 FLAME FAILURE						X	
BOILER-2 FLAME FAILURE						X	
BOILER-3 FLAME FAILURE						X	
BOILER-1 LOW WATER LEVEL						X	
BOILER-2 LOW WATER LEVEL						X	
BOILER-3 LOW WATER LEVEL						X	
BOILER ROOM CARBON MONOXIDE						X	
OUTSIDE AIR TEMPERATURE	X				X		X
BOILER-1 ISOLATION VALVE STATUS			X		X	X	X
BOILER-2 ISOLATION VALVE STATUS			X		X	X	X
BOILER-3 ISOLATION VALVE STATUS			X		X	X	X
HHW BYPASS FLOW CONTROL VALVE		X			X		X

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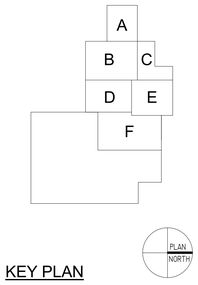

KEY PLAN

PLAN NORTH

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: DJA

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	Addendum #1	3/29/2021

BOILER CONTROLS SCHEMATIC

M6.05

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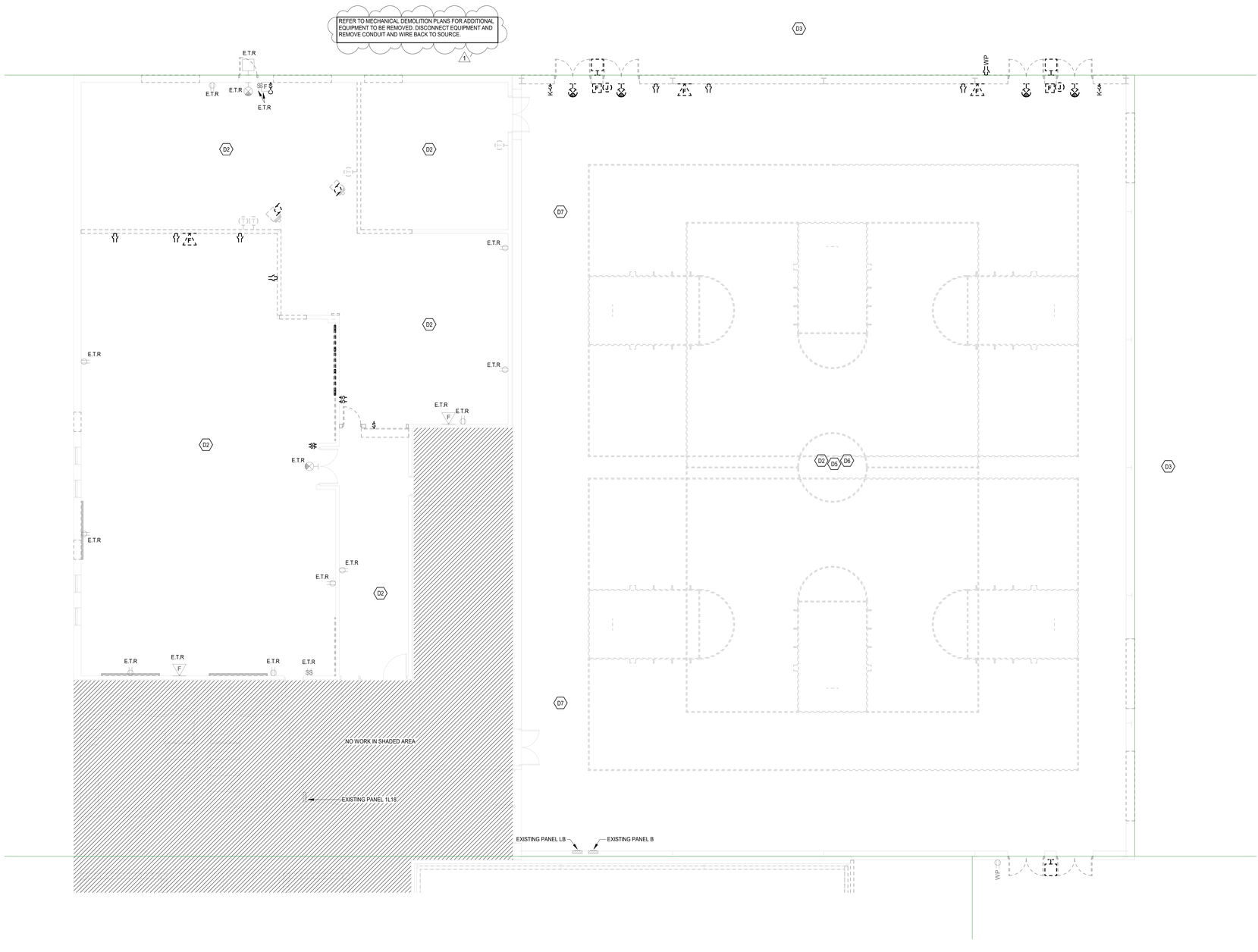

UNIT B - FIRST FLOOR DEMOLITION PLAN

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

KEYNOTES	
D2	REMOVE LIGHTING IN THIS SPACE COMPLETELY. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
D3	LOCATE UNDERGROUND CIRCUITS FOR SITE LIGHTING IN THE AREA OF THE NEW ADDITIONS. REMOVE CONDUIT AND WIRING UNDERNEATH NEW BUILDING ADDITIONS AND PLACE NEW PULLBOXES AT EACH END TO REROUTE CIRCUIT AROUND NEW ADDITIONS.
D5	DISCONNECT AND REMOVE GYM EQUIPMENT IN THIS SPACE. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
D6	EXISTING RECEPTACLES IN THIS SPACE ARE TO REMAIN.
D7	DISCONNECT EXISTING AIR HANDLER TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE. LEAVE CIRCUIT BREAKER IN PANEL AS SPARE.

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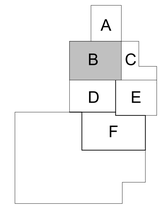

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT B - FIRST FLOOR DEMOLITION PLAN

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UNIT D - FIRST FLOOR DEMOLITION PLAN

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

KEYNOTES	
D2	REMOVE LIGHTING IN THIS SPACE COMPLETELY. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
D4	REMOVE EXISTING NATURAL GAS GENERATOR. REMOVE CONDUIT AND WIRING BACK TO ATS. PANELS AND ATS TO BE REFED BY NEW EXTERIOR GENERATOR.
D9	DISCONNECT BRANCH CIRCUITS FROM PANEL 1XHD1 AND TIE BACK AND PROTECT FOR CONNECTION TO NEW PANEL. REMOVE FEEDER BACK TO SOURCE FOR PANEL 1XHD1 AND REMOVE PANEL COMPLETELY.
D10	DISCONNECT AND REMOVE EXISTING AUTO-TRANSFER SWITCH. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
D11	DISCONNECT AND REMOVE HEATING WATER PUMP HHWP-3. PUMP TO BE RELOCATED TO MECHANICAL MEZZANINE. EXTEND CIRCUITS TO NEW LOCATION MATCHING EXISTING CONDUIT AND WIRE SIZES.
D14	DISCONNECT BOILERS TO BE REMOVED IN THE EXISTING MECHANICAL AREA. REMOVE CONDUIT AND WIRE BACK TO SOURCE.

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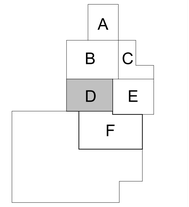

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT D - FIRST FLOOR DEMOLITION PLAN

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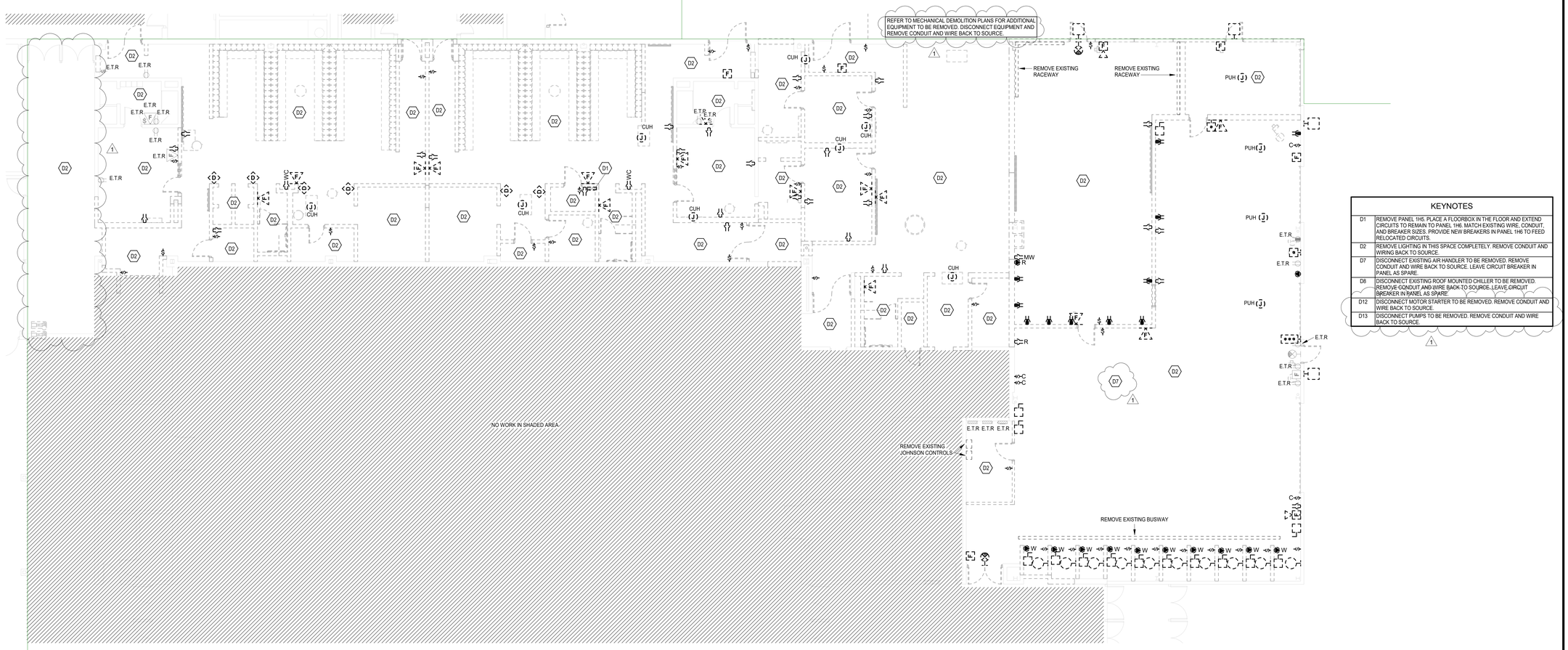
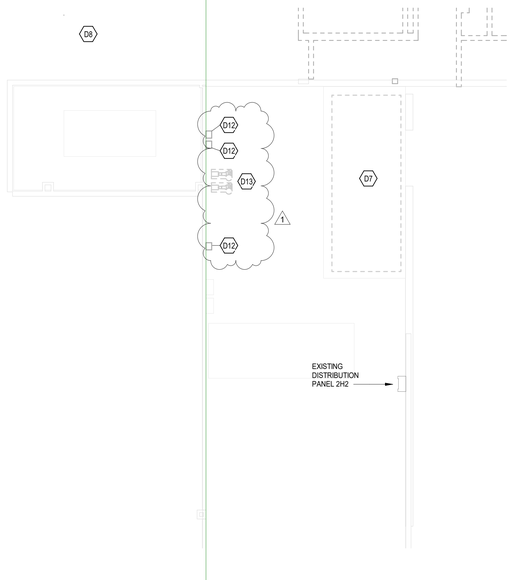


UNIT F - FIRST FLOOR DEMOLITION PLAN

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



UNIT F - MEZZANINE DEMOLITION PLAN

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

KEYNOTES	
D1	REMOVE PANEL 1H5. PLACE A FLOORBOX IN THE FLOOR AND EXTEND CIRCUITS TO REMAIN TO PANEL 1H6. MATCH EXISTING WIRE, CONDUIT, AND BREAKER SIZES. PROVIDE NEW BREAKERS IN PANEL 1H6 TO FEED RELOCATED CIRCUITS.
D2	REMOVE LIGHTING IN THIS SPACE COMPLETELY. REMOVE CONDUIT AND WIRING BACK TO SOURCE.
D7	DISCONNECT EXISTING AIR HANDLER TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE. LEAVE CIRCUIT BREAKER IN PANEL AS SPARE.
D8	DISCONNECT EXISTING ROOF MOUNTED CHILLER TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE. LEAVE CIRCUIT BREAKER IN PANEL AS SPARE.
D12	DISCONNECT MOTOR STARTER TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
D13	DISCONNECT PUMPS TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE.

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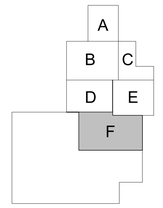

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT F - DEMOLITION PLANS

ED.3

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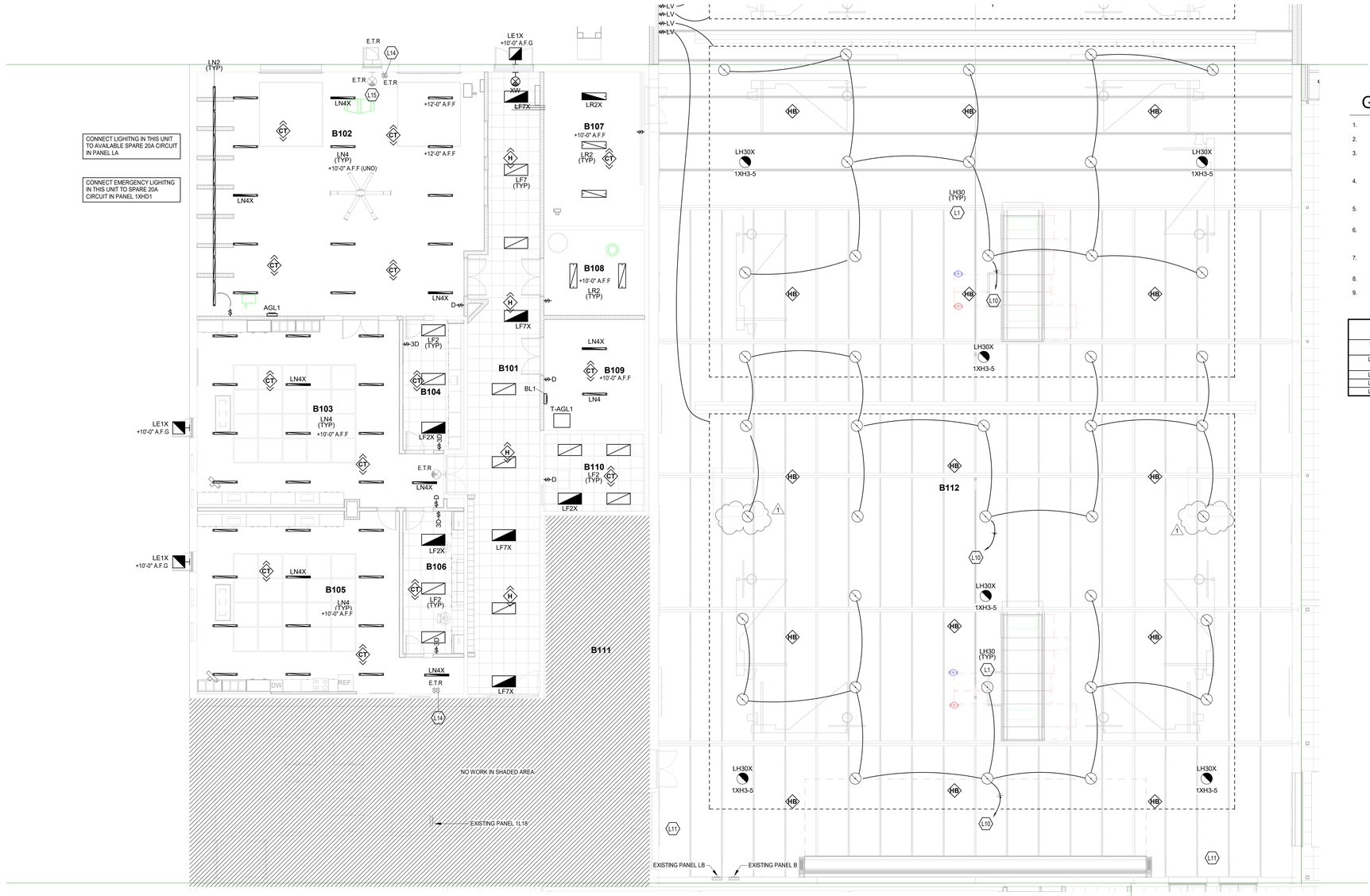
ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B111	STORAGE	697 SF
B112	FIELD HOUSE	13884 SF



UNIT B - FIRST FLOOR LIGHTING CEILING PLAN

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

GENERAL NOTES - LIGHTING

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"SM1.2"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.
9. REPLACE EXISTING TO REMAIN LIGHT SWITCHES WITH NEW SWITCHES AND FACEPLATES.

KEYNOTES	
L1	MOUNT LIGHT FIXTURES IN THE FIELDHOUSE EVEN WITH THE BOTTOM CHORD OF THE STRUCTURE.
L10	CONNECT LIGHTING TO SPARE 20A CIRCUIT IN PANEL LB. CONNECT WITH 2#12, #12G IN 3/4"C.
L11	REPLACE EXISTING EXIT SIGNS AT THIS LOCATION.
L14	PROVIDE NEW DIMMING SWITCH AT EXISTING SWITCH LOCATION.
L15	PROVIDE A NEW EXIT SIGN AT THIS LOCATION.

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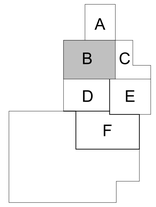

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT B - FIRST FLOOR LIGHTING PLAN

E4.2

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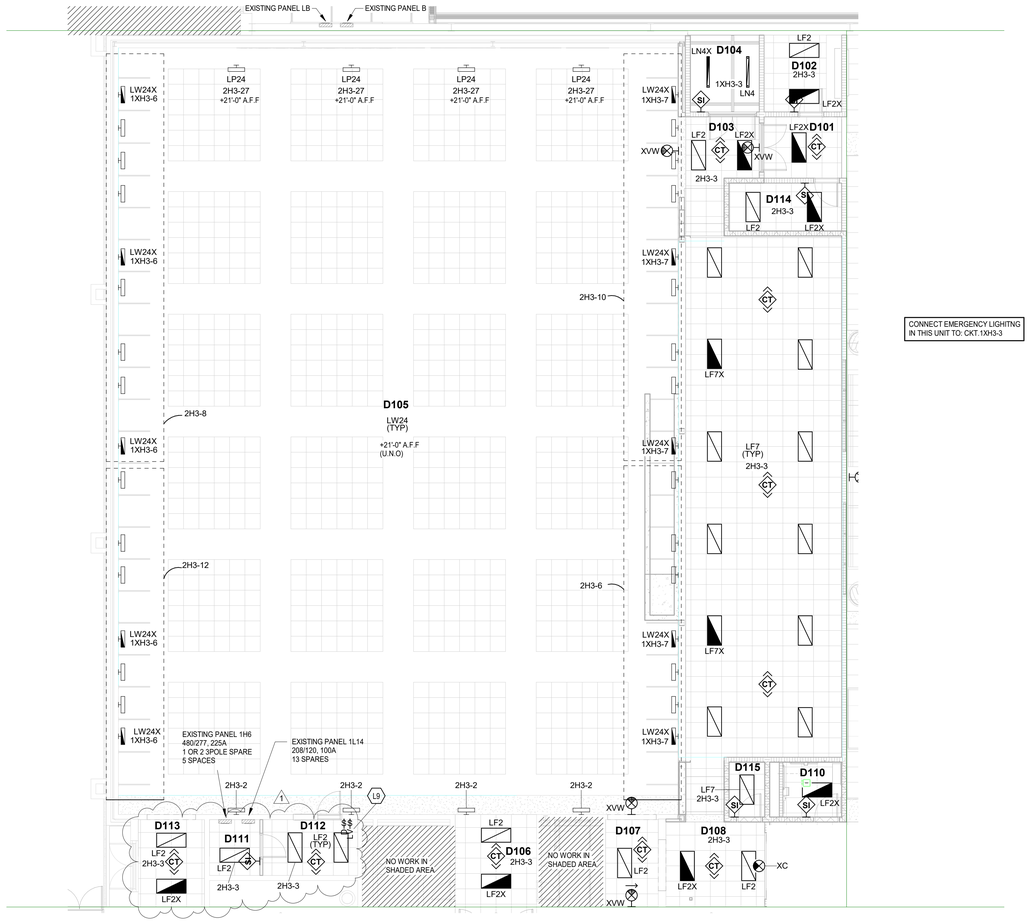
ROOM LEGEND - FIRST FLOOR UNIT D		
ROOM NO.	ROOM NAME	AREA (SF)
D101	VESTIBULE	86 SF
D102	SRO OFFICE	101 SF
D103	VESTIBULE	120 SF
D104	LOWER POOL ACCESS	90 SF
D105	POOL	7300 SF
D106	VESTIBULE	164 SF
D107	VESTIBULE	78 SF
D108	VESTIBULE	172 SF
D109	CORRIDOR	111 SF
D110	RESTROOM	55 SF
D111	STORAGE	48 SF
D112	OFFICE	90 SF
D113	VESTIBULE	98 SF
D114	STORAGE	92 SF
D115	STORAGE	34 SF



UNIT D - FIRST FLOOR LIGHTING CEILING PLAN

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

CONNECT EMERGENCY LIGHITNG IN THIS UNIT TO: CKT.1XH3-3

GENERAL NOTES - LIGHTING

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"sfs1.2"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.
9. REPLACE EXISTING TO REMAIN LIGHT SWITCHES WITH NEW SWITCHES AND FACEPLATES.

KEYNOTES	
L9	PROVIDE LIGHT SWITCH FOR POOL LIGHT FIXTURES IN COACHES OFFICE. COORDINATE EXACT LOCATION WITH THE OWNER.

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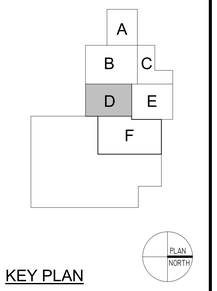

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT D - FIRST FLOOR LIGHTING PLAN

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CONNECT EMERGENCY LIGHTING IN THIS UNIT TO: 1XH3-2

ROOM LEGEND - FIRST FLOOR UNIT E

ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	179 SF
E102	CORRIDOR	1248 SF
E103	ELEC/TECH	52 SF
E104	LARGE GROUP RESTROOM	220 SF
E105	LARGE GROUP RESTROOM	220 SF
E106	STUDENT COMMONS	2961 SF
E107	STUDENT STORE	241 SF
E108	STORAGE	86 SF
E109	TABLE STORAGE	168 SF
E110	CORRIDOR	785 SF
E111	CATWALK ACCESS	52 SF
E113	SCENE SHOP	550 SF
E114	VESTIBULE	123 SF
E115	VESTIBULE	123 SF
E116	AUDITORIUM	5396 SF
E117	STAGE	3574 SF
E118	GATHERING STAIR	202 SF

GENERAL NOTES - LIGHTING

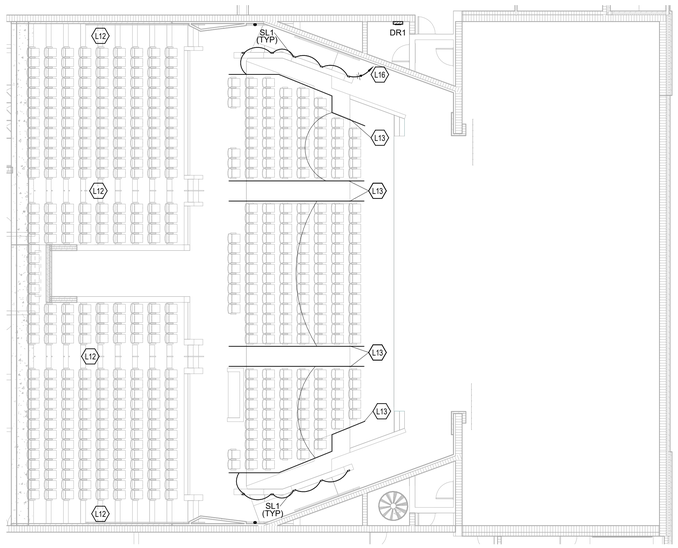
1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"3/E1.2"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.
9. REPLACE EXISTING TO REMAIN LIGHT SWITCHES WITH NEW SWITCHES AND FACEPLATES.

KEYNOTES

L12	PROVIDE STEP LIGHT FIXTURE SL2 AND ALL NECESSARY EQUIPMENT AT EACH STAIR TREAD. COORDINATE WITH STAIR INSTALLER. CIRCUIT ALL SL2 LIGHT FIXTURES TOGETHER TO A CIRCUIT IN THE DIMMER RACK DR1 PER THE TL SERIES DRAWINGS.
L13	PROVIDE CARPET TRANSITION STRIP WITH INTEGRAL LOW VOLTAGE LED LIGHTING, FIXTURE TYPE ON SCHEDULE IS 'AL1'. PROVIDE DRIVERS AND POWER SUPPLIES PROTECTED AT REMOTE LOCATIONS, EXTEND LOW VOLTAGE WIRING UNDER SLAB TO LIGHT FIXTURES. COORDINATE INSTALL WITH OTHER TRADES.
L16	CIRCUIT LIGHTS TO CIRCUIT IN DIMMER RACK DR1 PER TL SERIES DRAWINGS.
L19	CIRCUIT LD62 LIGHT FIXTURES ON THE FIRST FLOOR TOGETHER TO CIRCUIT IN DIMMER RACK DR1 PER TL SERIES DRAWINGS. CONNECT CIRCUIT THROUGH EMERGENCY INVERTER.

UNIT E - FIRST FLOOR LIGHTING CEILING PLAN

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



AUDITORIUM SEATING LIGHTING LAYOUT

SCALE: 3/32" = 1'-0"

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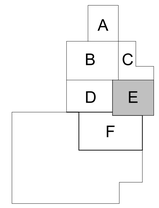

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT E - FIRST FLOOR LIGHTING PLAN

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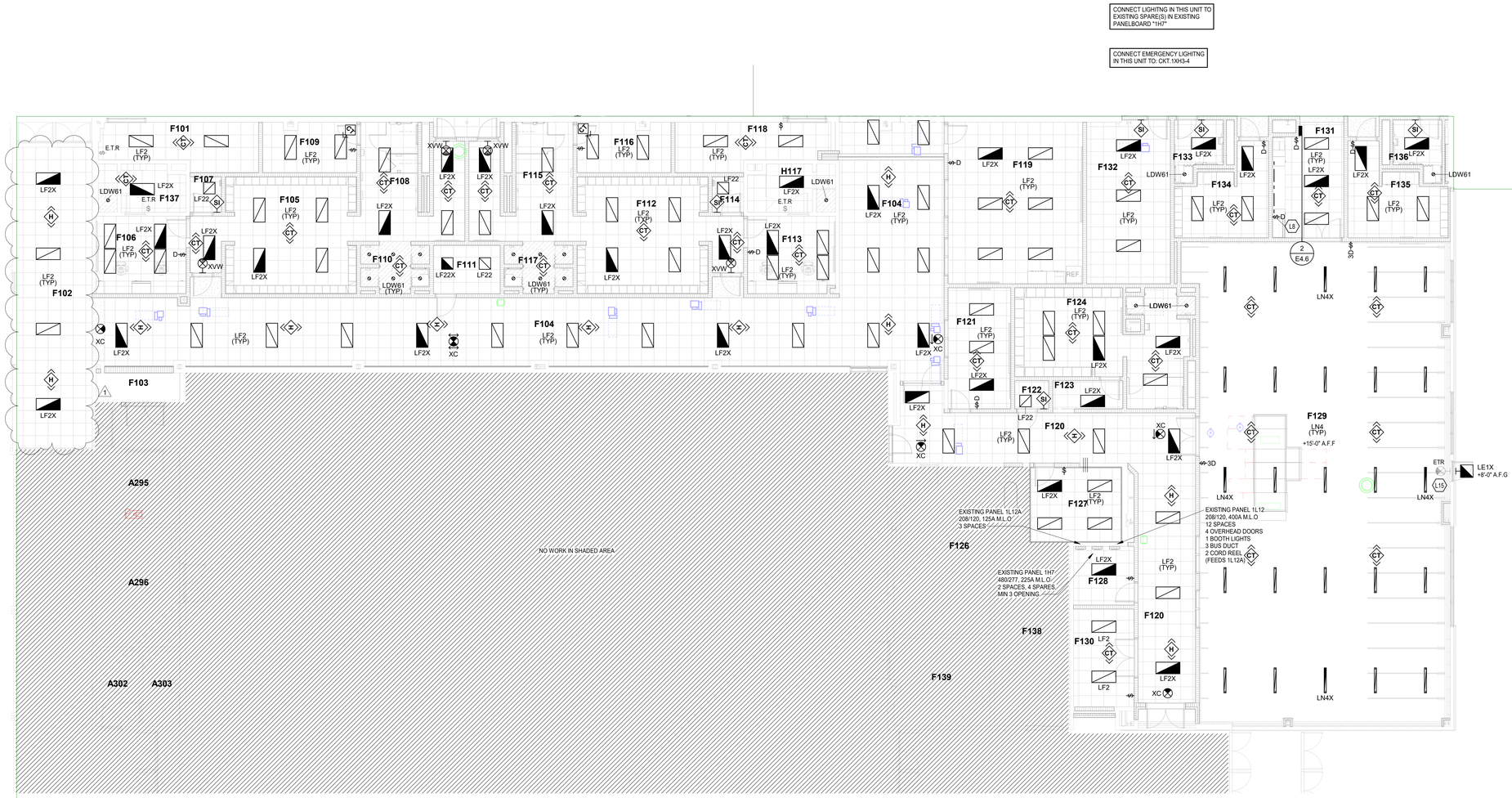
ROOM NO.	ROOM NAME	AREA (SF)
F101	STORAGE	175 SF
F102	CORRIDOR	611 SF
F103	STORAGE	63 SF
F103A	PASSAGE	75 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	169 SF
F119	TEAM ROOM	554 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F126	TRAINING ROOM	472 SF
F127	STORAGE	170 SF
F128	ELECTRICAL CLOSET	91 SF
F129	MULTI-PURPOSE	3100 SF
F130	STORAGE	151 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF
F137	RESTROOM	89 SF
F138	TRAINING ROOM	345 SF
F139	TRAINING ROOM	214 SF



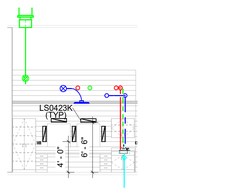
UNIT F - FIRST FLOOR LIGHTING CEILING PLAN

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

GENERAL NOTES - LIGHTING

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"3/E4.2"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.
9. REPLACE EXISTING TO REMAIN LIGHT SWITCHES WITH NEW SWITCHES AND FACEPLATES.

KEYNOTES	
L8	CONNECT LIGHT SWITCH TO VANITY LIGHT FIXTURES.
L15	PROVIDE A NEW EXIT SIGN AT THIS LOCATION.



2 **F131 - VANITY LIGHTING**

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

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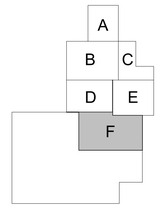

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

BRIAN W. BUTLER REGISTERED No. PE 10000 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT F - FIRST FLOOR LIGHTING PLAN

E4.6

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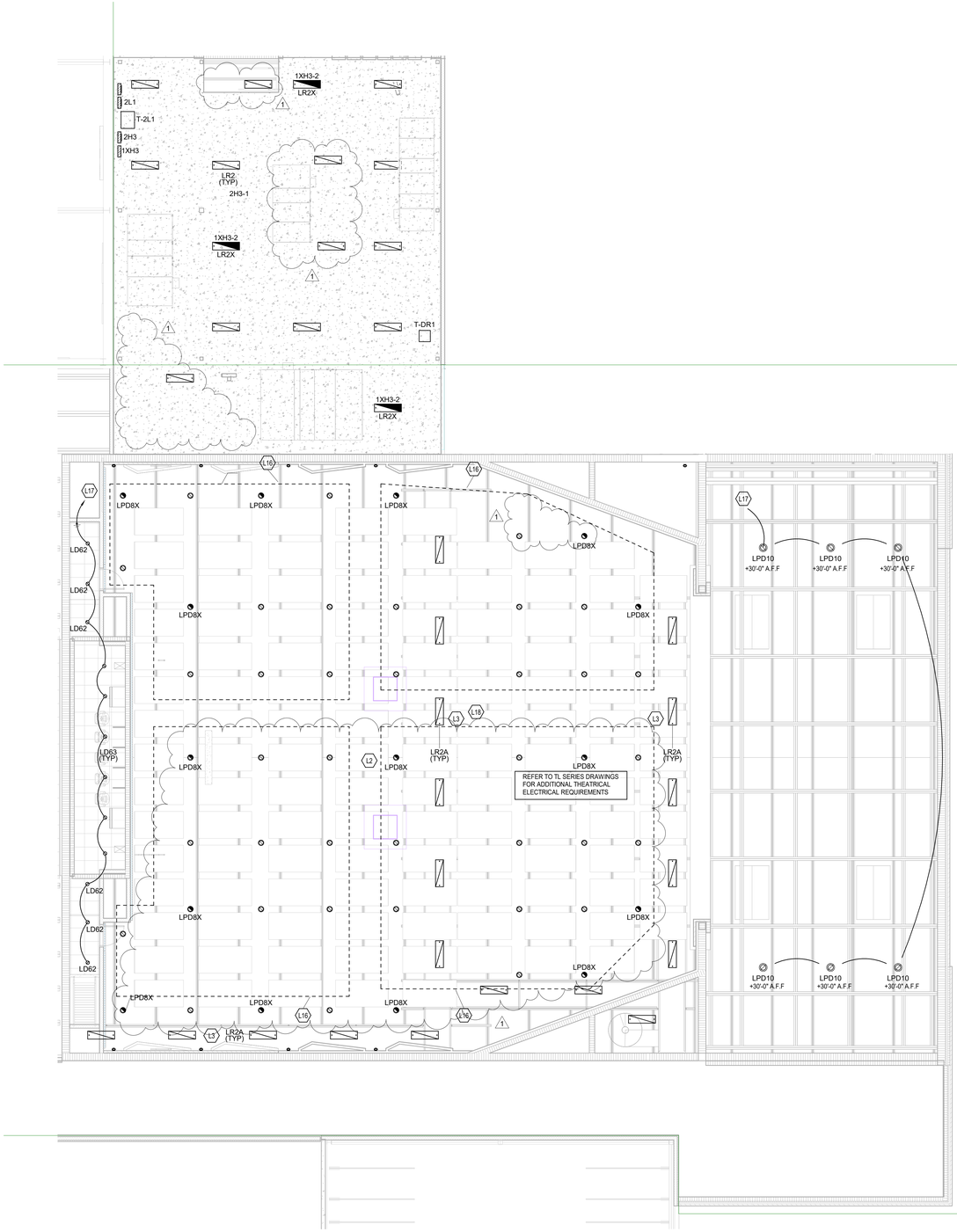
ROOM LEGEND - SECOND FLOOR UNIT E		
ROOM NO.	ROOM NAME	AREA (SF)
E201	THEATRICAL CONTROL ROOM	299 SF
E202	AUDITORIUM	10087 SF
E203	CATWALK ACCESS	130 SF

GENERAL NOTES - LIGHTING

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINALCONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL **"3/E1.2"**.
6. WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
7. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
8. PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.
9. REPLACE EXISTING TO REMAIN LIGHT SWITCHES WITH NEW SWITCHES AND FACEPLATES.

KEYNOTES	
L2	MOUNT AUDITORIUM LIGHTS EVEN WITH THE CLOUDS AT THE CLOUD OPENINGS.
L3	MOUNT CATWALK LR2A LIGHT FIXTURES +7'-0" ABOVE THE CATWALKS. CONNECT ALL CATWALK FIXTURES TO THE DIMMING RACK DR1 PER TL SERIES DRAWINGS.
L16	CIRCUIT LIGHTS TO CIRCUIT IN DIMMER RACK DR1 PER TL SERIES DRAWINGS.
L17	CIRCUIT LIGHTS TO CIRCUIT IN DIMMER RACK DR1 PER TL SERIES DRAWINGS. CONNECT CIRCUIT THROUGH EMERGENCY INVERTER.
L18	CONNECT LPD8X LIGHT FIXTURES TOGETHER TO CIRCUIT IN DIMMER RACK DR1 PER TL SERIES DRAWINGS. CONNECT CIRCUIT THROUGH EMERGENCY INVERTER.



UNIT E - SECOND FLOOR LIGHTING CEILING PLAN

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

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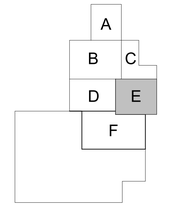

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT E - SECOND FLOOR LIGHTING PLAN

E4.7

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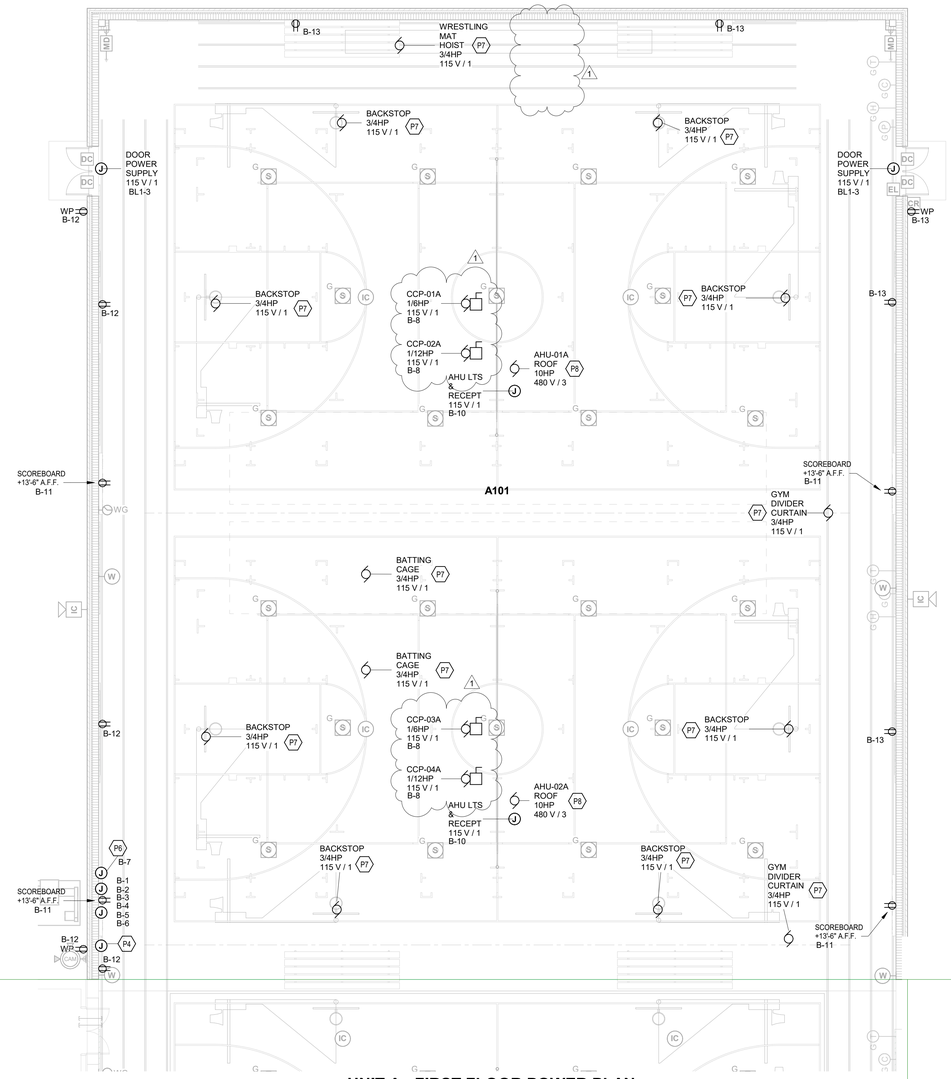
ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	GYMNASIUM #2	13014 SF



UNIT A - FIRST FLOOR POWER PLAN

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

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. REPLACE EXISTING TO REMAIN RECEPTACLES WITH NEW DEVICES AND FACEPLATES.

KEYNOTES	
P4	INSTALL DRAPER CONTROL PANEL AT THIS LOCATION. CONNECT CONTROL WIRING TO RELAY PANELS AS REQUIRED.
P6	INSTALL THE 3 DRAPER RELAY PANELS TO CONTROL GYMNASIUM EQUIPMENT. CONNECT RELAY PANEL POWER SUPPLIES TO THE SAME CIRCUIT AS SHOWN. CONNECT 6 CIRCUITS LISTED IN PANEL BL1, ONE TO EACH BUS OF ONE OF THE 2 RELAY PANELS. CONNECT UP TO 4 PIECES OF EQUIPMENT TO EACH RELAY BUS.
P7	CONNECT EQUIPMENT TO AVAILABLE SPACE IN DRAPER RELAY PANEL. PROVIDE ALL WIRING TO THE RELAY PANEL AS REQUIRED.
P8	CONNECT ROOFTOP AIR HANDLING UNIT TO AVAILABLE SPACE IN PANEL LB. PROVIDE A 25A 3-POLE CIRCUIT BREAKER IN PANEL AND CONNECT WITH 3#10, #10G IN 3/4"C.

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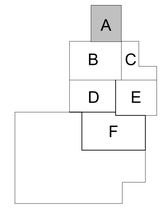

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT A - FIRST FLOOR POWER PLAN

E5.1

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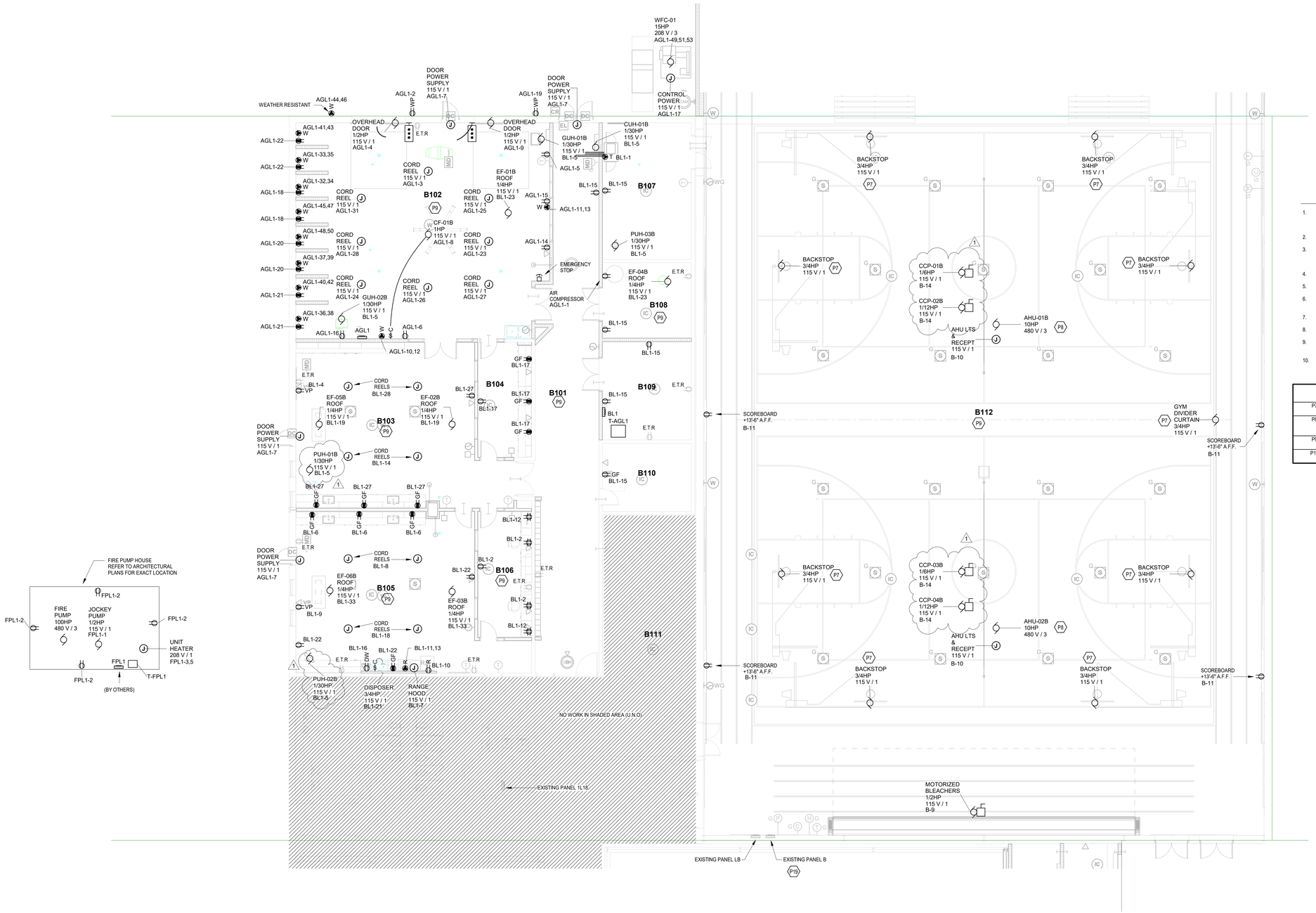
ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	CORRIDOR	1123 SF
B102	AG LAB	1827 SF
B103	AG CLASSROOM 2	1083 SF
B104	AG LAB CLEAN WORK ROOM	212 SF
B105	AG CLASSROOM 1	1051 SF
B106	AG PLANNING	234 SF
B107	FIELDHOUSE STORAGE	419 SF
B108	AG LAB STORAGE	231 SF
B109	AG LAB CONSTRUCTION	302 SF
B110	CUSTODIAL OFFICE	209 SF
B111	STORAGE	697 SF
B112	FIELD HOUSE	13884 SF



UNIT B - FIRST FLOOR POWER PLAN

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

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. REPLACE EXISTING TO REMAIN RECEPTACLES WITH NEW DEVICES AND FACEPLATES.

KEYNOTES	
P7	CONNECT EQUIPMENT TO AVAILABLE SPACE IN DRAPER RELAY PANEL. PROVIDE ALL WIRING TO THE RELAY PANEL AS REQUIRED.
P8	CONNECT ROOFTOP AIR HANDLING UNIT TO AVAILABLE SPACE IN PANEL LB. PROVIDE A 25A 3-POLE CIRCUIT BREAKER IN PANEL AND CONNECT WITH 3#10, #10G IN 3/4"C.
P9	PROVIDE NEW DEVICES AND FACEPLATES AT EXISTING RECEPTACLE LOCATIONS.
P19	NEW CIRCUITS SHOWN CONNECTED TO THIS EXISTING PANEL SHALL BE NUMBERED BASED ON AVAILABLE SPARES AND SPACES FOR THESE CIRCUITS.

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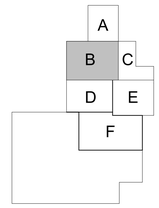

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT B - FIRST FLOOR POWER PLAN

E5.2

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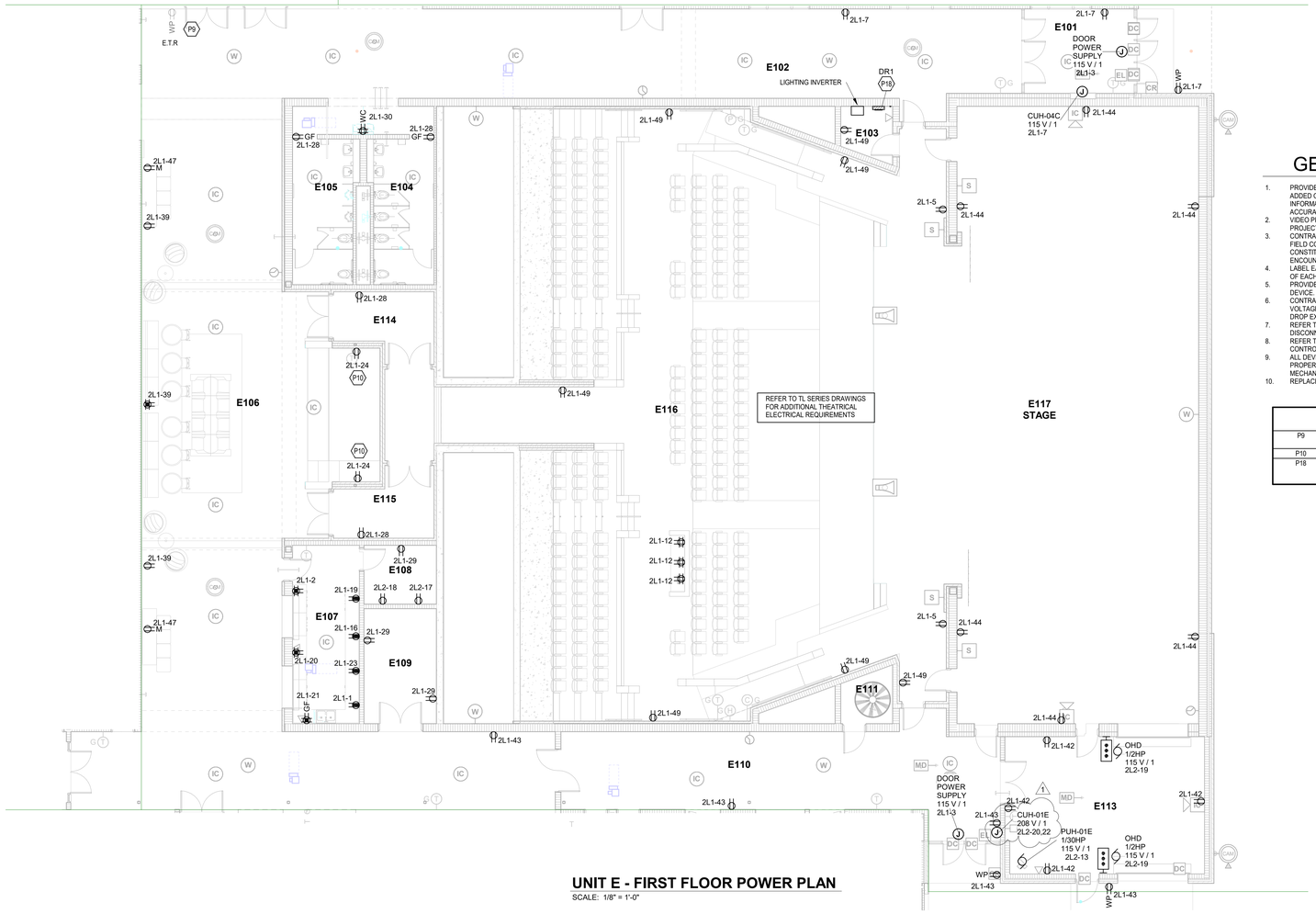

UNIT E - FIRST FLOOR POWER PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT E		
ROOM NO.	ROOM NAME	AREA (SF)
E101	VESTIBULE	179 SF
E102	CORRIDOR	1248 SF
E103	ELEC/TECH	52 SF
E104	LARGE GROUP RESTROOM	220 SF
E105	LARGE GROUP RESTROOM	220 SF
E106	STUDENT COMMONS	2961 SF
E107	STUDENT STORE	241 SF
E108	STORAGE	86 SF
E109	TABLE STORAGE	168 SF
E110	CORRIDOR	785 SF
E111	CATWALK ACCESS	52 SF
E113	SCENE SHOP	550 SF
E114	VESTIBULE	123 SF
E115	VESTIBULE	123 SF
E116	AUDITORIUM	5396 SF
E117	STAGE	3574 SF
E118	GATHERING STAIR	202 SF

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. REPLACE EXISTING TO REMAIN RECEPTACLES WITH NEW DEVICES AND FACEPLATES.

KEYNOTES	
P9	PROVIDE NEW DEVICES AND FACEPLATES AT EXISTING RECEPTACLE LOCATIONS.
P10	MOUNT RECEPTACLE +16" ABOVE THE STAGE.
P18	208/120V THEATRICAL DIMMING PANEL, DR1. CIRCUITS SHOWN ON E5 SERIES PLANS FOR DR1 ARE FOR REFERENCE TO PANEL ONLY. REFER TO SHEET TL-9 FOR EXACT CIRCUITING TO PANEL DR1.

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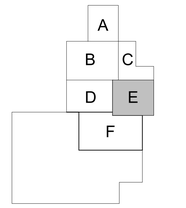

KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT E - FIRST FLOOR POWER PLAN

E5.5

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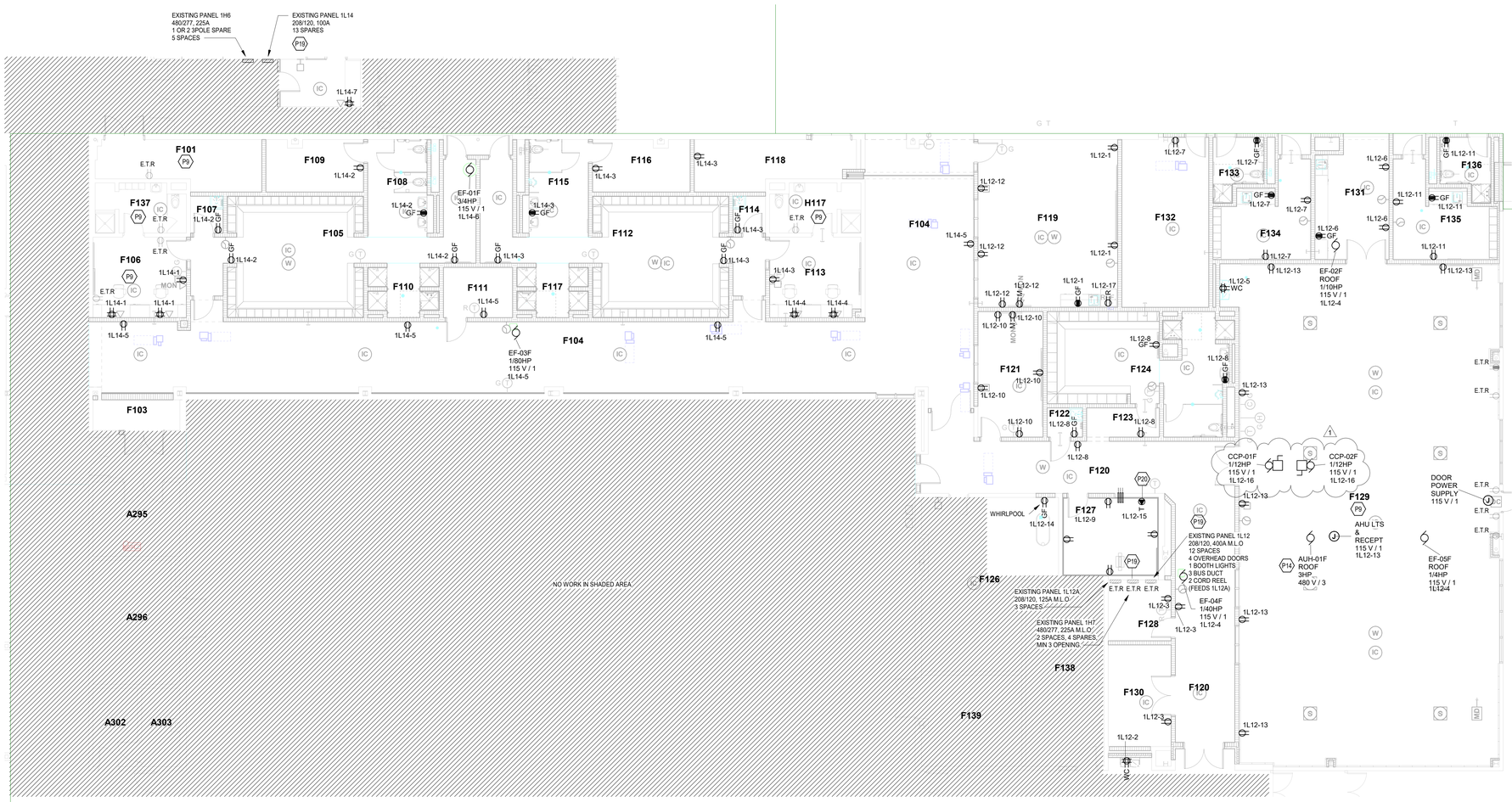
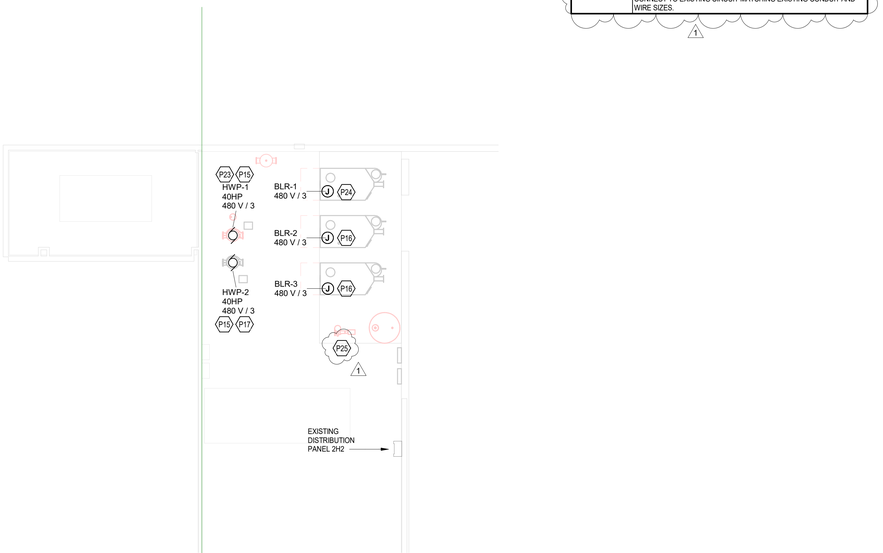


UNIT F - FIRST FLOOR POWER PLAN

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



UNIT F - MEZZANINE POWER PLAN

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

ROOM LEGEND - FIRST FLOOR UNIT F

ROOM NO.	ROOM NAME	AREA (SF)
F101	STORAGE	175 SF
F102	CORRIDOR	611 SF
F103	STORAGE	63 SF
F103A	PASSAGE	75 SF
F104	CORRIDOR	1986 SF
F105	LOCKERS	564 SF
F106	OFFICE	177 SF
F107	JANITOR	28 SF
F108	RESTROOM	137 SF
F109	ATHLETIC STORAGE	118 SF
F110	SHOWERS	78 SF
F111	ELEC/TECH	82 SF
F112	LOCKERS	564 SF
F113	OFFICE	172 SF
F114	JANITOR	28 SF
F115	RESTROOM	137 SF
F116	ATHLETIC STORAGE	118 SF
F117	SHOWER	78 SF
F118	STORAGE	169 SF
F119	TEAM ROOM	554 SF
F120	CORRIDOR	765 SF
F121	SGI	193 SF
F122	JANITOR	24 SF
F123	VESTIBULE	50 SF
F124	LOCKER ROOM	244 SF
F125	TRAINING ROOM	175 SF
F126	TRAINING ROOM	472 SF
F127	STORAGE	170 SF
F128	ELECTRICAL CLOSET	91 SF
F129	MULTI-PURPOSE	3100 SF
F130	STORAGE	151 SF
F131	MAKE-UP	207 SF
F132	PROPS / COSTUMES	347 SF
F133	INDIVIDUAL RESTROOM	65 SF
F134	DRESSING	173 SF
F135	DRESSING	181 SF
F136	INDIVIDUAL RESTROOM	65 SF
F137	RESTROOM	89 SF
F138	TRAINING ROOM	345 SF
F139	TRAINING ROOM	214 SF

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. REPLACE EXISTING TO REMAIN RECEPTACLES WITH NEW DEVICES AND FACEPLATES.

KEYNOTES

P9	PROVIDE NEW DEVICES AND FACEPLATES AT EXISTING RECEPTACLE LOCATIONS.
P14	CONNECT AIR HANDLING UNIT TO PANEL 1H7. PROVIDE A NEW 20A 3 POLE BREAKER IN PANEL AND CONNECT WITH 3#12, #12G IN 3/4"C.
P15	CONNECT PUMP CIRCUIT THROUGH REMOTE V/C.
P16	CONNECT BOILER TO AVAIABLE SPACE IN DISTRIBUTION PANEL 2H2. PROVIDE A 20A 3-POLE BREAKER IN PANEL AND CONNECT WITH 3#12, #12G IN 3/4"C.
P17	CONNECT HEATING WATER PUMP TO AVAILABLE SPACE IN DISTRIBUTION PANEL 2H2. PROVIDE A 90A 3-POLE BREAKER IN PANEL AND CONNECT WITH 3#3, #8G IN 1-1/2"C.
P19	NEW CIRCUITS SHOWN CONNECTED TO THIS EXISTING PANEL SHALL BE NUMBERED BASED ON AVAILABLE SPARES AND SPACES FOR THESE CIRCUITS.
P20	PROVIDE A 30A BREAKER IN PANEL AND CONNECT WITH 2#10, #10G IN 3/4"C.
P23	CONNECT HOT WATER PUMP HWP-1 TO THE 90A CIRCUIT BREAKER IN PANEL 1XHD1. CONNECT WITH 3#3, #8G IN 1-1/2"C.
P24	CONNECT BOILER TO 20 3-POLE BREAKER IN PANEL 1XHD1. CONNECT, WITH 3#12, #12G IN 3/4"C.
P25	NEW LOCATION OF EXISTING HEATING WATER PUMP HWHP-3. CONNECT TO EXISTING CIRCUIT MATCHING EXISTING CONDUIT AND WIRE SIZES.

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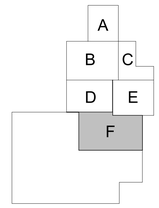
KEY PLAN



PLAN NORTH

CONSTRUCTION DOCUMENTS

BRIAN W. BUTLER REGISTERED No. PE10800026 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT F - FIRST FLOOR POWER PLAN

E5.6

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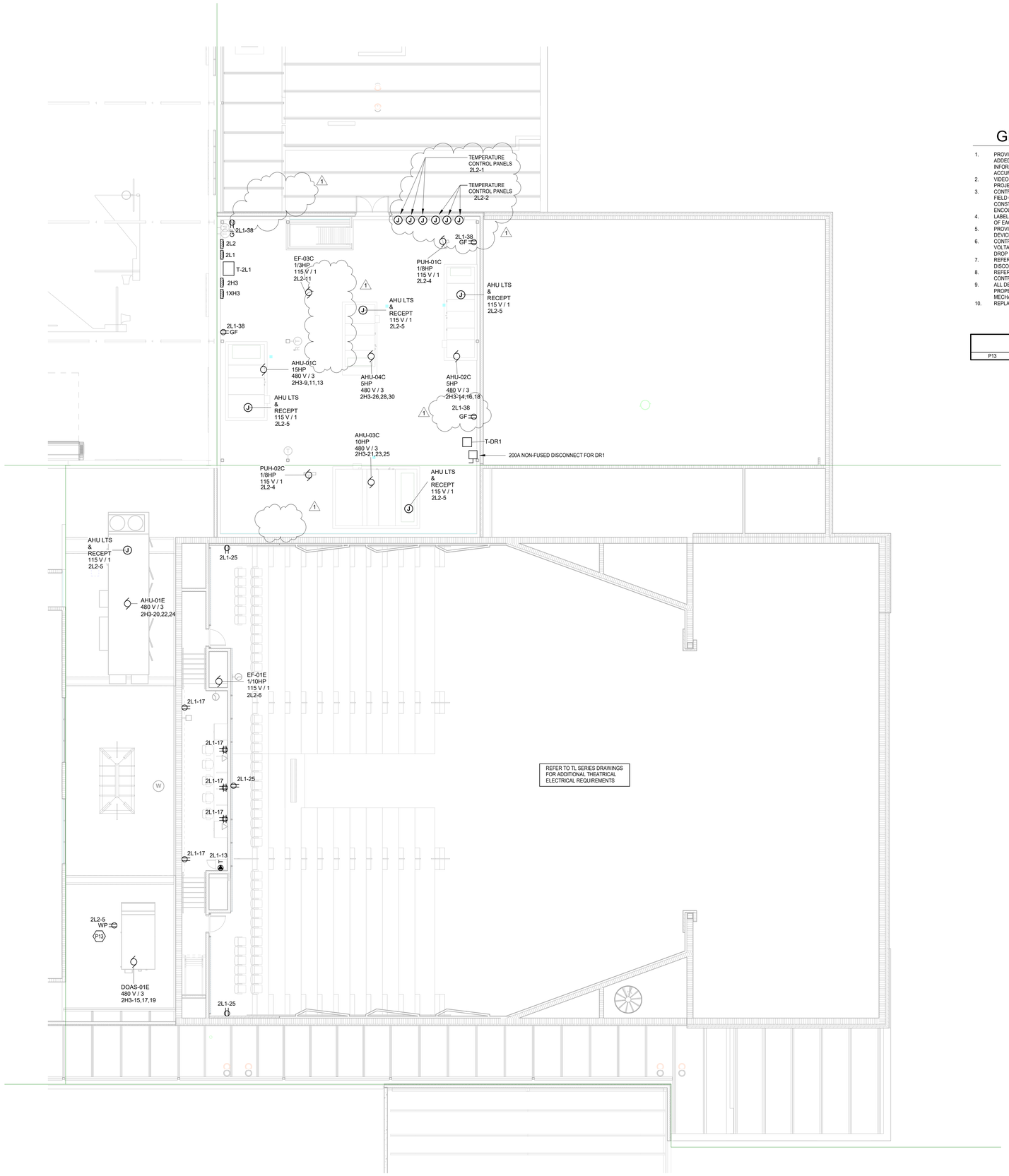
ROOM LEGEND - SECOND FLOOR UNIT E		
ROOM NO.	ROOM NAME	AREA (SF)
E201	THEATRICAL CONTROL ROOM	299 SF
E202	AUDITORIUM	10087 SF
E203	CATWALK ACCESS	130 SF

GENERAL NOTES - POWER

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
2. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
4. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
5. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
6. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
7. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
8. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
9. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
10. REPLACE EXISTING TO REMAIN RECEPTACLES WITH NEW DEVICES AND FACEPLATES.

KEYNOTES	
P13	MOUNT WEATHER RESISTANT RECEPTACLE ON STRUT AT DOAS UNIT.



UNIT E - SECOND FLOOR POWER PLAN

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

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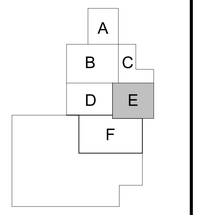

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

UNIT E - SECOND FLOOR POWER PLAN

E5.7

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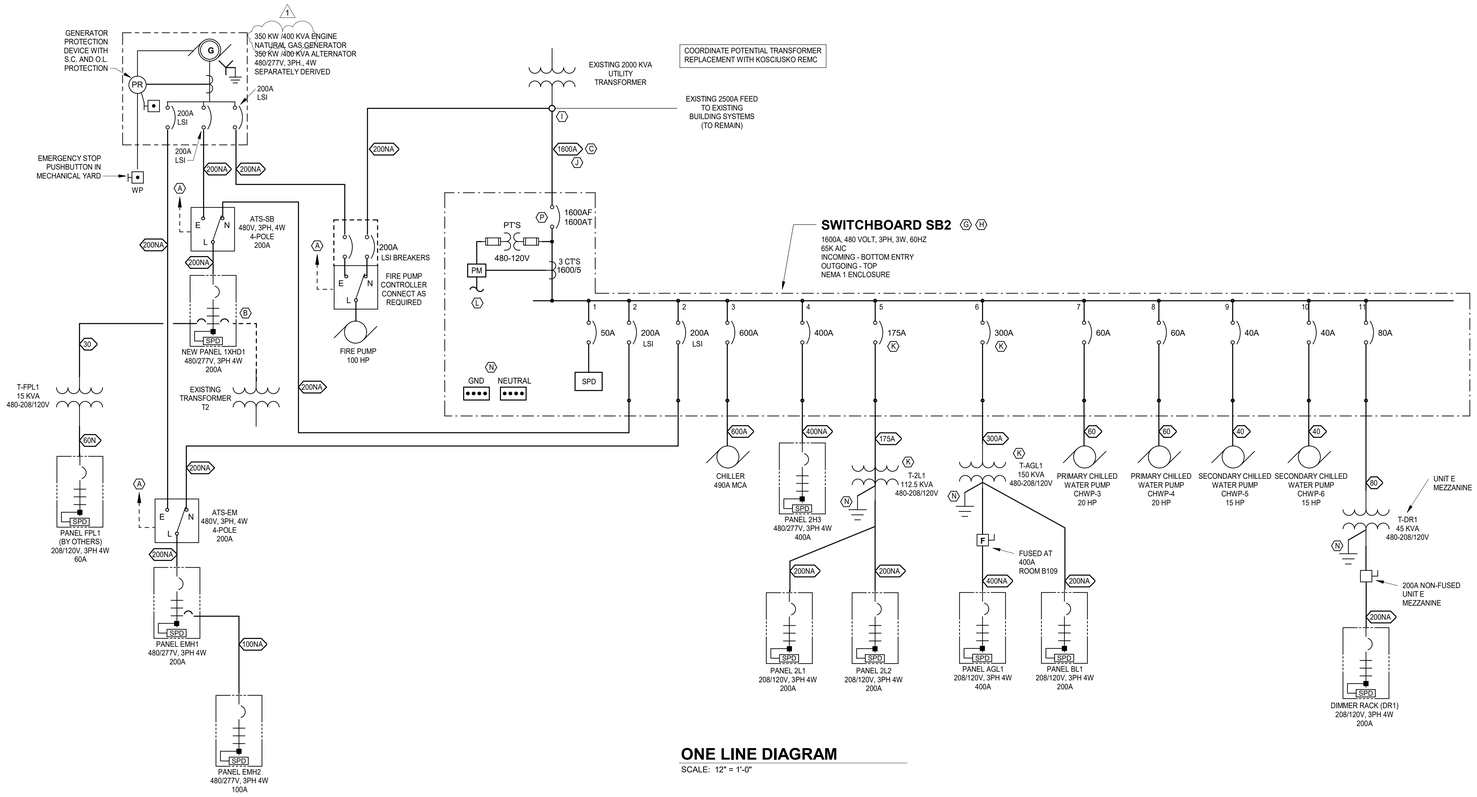

ONE LINE DIAGRAM

SCALE: 12" = 1'-0"

CODED NOTES

A. PROVIDE INDIVIDUAL UNDERGROUND CONTROL CIRCUIT BETWEEN ATS AND GENERATOR START CONTROL.

B. RECONNECT CIRCUITS FOR PANEL 1XHD1 AFTER IT IS UPGRADED.

C. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SECONDARY SERVICE WORK. REFER TO PROJECT MANUAL.

D. PROVIDE METERING IN ACCORDANCE WITH SERVICE PROVIDER'S REQUIREMENTS.

E. DISCONNECT PROVIDED BY MANUFACTURER.

F. VARIABLE FREQUENCY CONTROLLER WITH INTEGRAL DISCONNECTING MEANS SUPPLIED BY DIVISION 23.

G. PROVIDE ENGRAVED NAMEPLATE ON FACE OF DISTRIBUTION PANEL, INDICATING MAXIMUM AVAILABLE FAULT CURRENT AND DATE.

H. PROVIDE RED NAME PLATE ABOVE MAIN BREAKER "A EMERGENCY GENERATOR IS LOCATED OUTSIDE IN THE SERVICE YARD".

I. TRANSFROMER SECONDARY LUG.

J. GROUND CONDUCTOR NOT REQUIRED.

K. PROVIDE HANDLE LOCKING BREAKER IN SB2 AS TRANSFORMER PRIMARY MEANS OF DISCONNECT.

L. METER REMOTE DATA TRANSMISSION. PROVIDE CATEGORY 5 COMM CABLE IN 1/2" CONDUIT TO NEAREST TECHNOLOGY CLOSET.

M. PROVIDE BREAKER WITH ELECTRONIC TRIP UNIT PROVIDING ARC ENERGY REDUCTION CABABILITY.

N. REFER TO SHEET E1.2 FOR GROUNDING DETAILS.

P. PROVIDE MAIN CIRCUIT BREAKER WITH ELECTONIC TRIP UNIT WITH LONG-TIME (L), SHORT-TIME (S), INSTANTANEOUS (I), GROUND FAULT (G) TRIPS AND "MAINTENANCE MODE" ARC ENERGY REDUCTION FIEATURE/FUNCTION WITH MAINTENANCE SWITCH WITH LOCAL STATUS INDICATOR. PROVIDE SWITCHBOARD WITH SEPARATE FULL FUNCTION POWER METER WITH INTEGRAL DIGITAL DISPLAY AND COMMUNICATIONS MODULE. RFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.

COPPER FEEDER SCHEDULE

SOURCE 2014 NEC T310.15(B)(16), COPPER 75C, (THHW, THW, THWN, XHHW)

X	NO.	CONDUCTOR SIZE			CONDUIT
FEEDER	OF	PHASE	NEUTRAL	GROUND	SIZE
LEGEND	SETS	QTY	(1)	(1)	Inches
15	1	3 # 14		#14	3/4
15N	1	3 # 14	#14	#14	3/4
20	1	3 # 12		#12	3/4
20N	1	3 # 12	#12	#12	3/4
30	1	3 # 10		#10	3/4
30N	1	3 # 10	#10	#10	3/4
40	1	3 # 8		#10	3/4
40N	1	3 # 8	#8	#10	3/4
60	1	3 # 6		#10	1
60N	1	3 # 6	#6	#10	1
80	1	3 # 4		#8	1 1/4
80N	1	3 # 4	#4	#8	1 1/4
100	1	3 # 3		#8	1 1/2
100N	1	3 # 3	#3	#8	1 1/2
125	1	3 # 1		#6	2
125N	1	3 # 1	#1	#6	2
150	1	3 # 1/0		#6	2
150N	1	3 # 1/0	#1/0	#6	2
175	1	3 # 2/0		#6	2
175N	1	3 # 2/0	#2/0	#6	2
200	1	3 # 3/0		#6	2
200N	1	3 # 3/0	#3/0	#6	2
225	1	3 # 4/0		#4	2 1/2
225N	1	3 # 4/0	#4/0	#4	2 1/2
250	1	3 # 250		#4	2 1/2
250N	1	3 # 250	#250	#4	2 1/2
300	1	3 # 350		#3	3
300N	1	3 # 350	#350	#3	3
350	1	3 # 500		#3	4
350N	1	3 # 500	#500	#3	4
400	1	3 # 600		#3	4
400N	1	3 # 600	#600	#3	4
500	2	3 # 250		#2	2 1/2
500N	2	3 # 250	#250	#2	2 1/2
600	2	3 # 350		#1	3
600N	2	3 # 350	#350	#1	3
800	2	3 # 600		#1/0	4
800N	2	3 # 600	#600	#1/0	4
1000	3	3 # 400		#2/0	3
1000N	3	3 # 400	#400	#2/0	3
1200	3	3 # 600		#3/0	4
1200N	3	3 # 600	#600	#3/0	4

ALUMINUM FEEDER SCHEDULE

SOURCE 2014 NEC T310.15(B)(16), ALUMINUM 75C, (THHW, THW, THWN, XHHW)

X	NO.	CONDUCTOR SIZE			CONDUIT
FEEDER	OF	PHASE	NEUTRAL	GROUND	SIZE
LEGEND	SETS	QTY	(1)	(1)	Inches
100A	1	3 # 1/0		#4	1 1/2
100NA	1	3 # 1/0	#1/0	#4	1 1/2
125A	1	3 # 2/0		#4	2
125NA	1	3 # 2/0	#2/0	#4	2
150A	1	3 # 3/0		#4	2
150NA	1	3 # 3/0	#3/0	#4	2
175A	1	3 # 4/0		#4	2
175NA	1	3 # 4/0	#4/0	#4	2
200A	1	3 # 250		#4	2 1/2
200NA	1	3 # 250	#250	#4	2 1/2
225A	1	3 # 300		#2	3
225NA	1	3 # 300	#300	#2	3
250A	1	3 # 350		#2	3
250NA	1	3 # 350	#350	#2	3
300A	1	3 # 500		#2	3
300NA	1	3 # 500	#500	#2	3
350A	2	3 # 500		#1	2
350NA	2	3 # 500	#500	#1	2
400A	2	3 # 250		#1	2 1/2
400NA	2	3 # 250	#250	#1	2 1/2
450A	2	3 # 300		#1/0	3
450NA	2	3 # 300	#300	#1/0	3
500A	2	3 # 350		#1/0	3
500NA	2	3 # 350	#350	#1/0	3
600A	2	3 # 500		#2/0	3
600NA	2	3 # 500	#500	#2/0	3
700A	3	3 # 350		#3/0	3
700NA	3	3 # 350	#350	#3/0	3
800A	3	3 # 400		#3/0	3
800NA	3	3 # 400	#400	#3/0	3
1000A	3	3 # 600		#4/0	4
1000NA	3	3 # 600	#600	#4/0	4
1200A	4	3 # 500		#250	4
1200NA	4	3 # 500	#500	#250	4
1600A	5	3 # 600		#350	4
1600NA	5	3 # 600	#600	#350	4
2000A	6	3 # 600		#400	4
2000NA	6	3 # 600	#600	#400	4
2500A	8	3 # 600		#600	4
2500NA	8	3 # 600	#600	#600	4
3000A	9	3 # 600		#600	4
3000NA	9	3 # 600	#600	#600	4
4000A	12	3 # 600		#800	4
4000NA	12	3 # 600	#600	#800	4

ONE LINE DIAGRAM SYMBOLS

1AL1	MAIN LUG ONLY CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	DM	DIGITAL ELECTRONIC POWER METER	NXH	COMBINATION MAGNETIC MOTOR STARTER WITH FUSED SWITCH		FUSED SWITCH IN SWITCHBOARD, 3P UNO
		K	KIRK KEY INTERLOCK				DISCONNECT SWITCH IN SWITCHBOARD, 3P UNO
		M	UTILITY METER			SP G	FUSED BOLTED PRESSURE SWITCH WITH GROUND FAULT AND SINGLE PHASE PROTECTION, 3P UNO
2AL1	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	XXXA	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SUB-FEED BREAKER, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	NXC	COMBINATION MAGNETIC MOTOR STARTER WITH CIRCUIT BREAKER	E N	TRANSFER SWITCH
3AL1	THROUGH FEED LUGS CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	SPD	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH INTEGRAL BUS CONNECTED SPD, REFER TO E8 SERIES DRAWINGSFOR PANELBOARD SCHEDULES	NXM	COMBINATION MAGNETIC MOTOR STARTER WITH MOTOR CIRCUIT PROTECTOR		DISCONNECT, 3P UNO
		6AL1					MOLDED CASE CIRCUIT BREAKER, 3P UNO
				VSC	COMBINATION MAGNETIC MOTOR STARTER WITH VARIABLE SPEED CONTROLLER		CIRCUIT BREAKER IN SWITCHBOARD, 3P UNO
4AL1	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	SPD	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES	EO	COMBINATION MAGNETIC MOTOR STARTER WITH ELECTRONIC OVERLOADS		INSULATED CASED POWER CIRCUIT BREAKER WITH L.I.S.G. PROTECTION FEATURES, 3P UNO
		7AL1					DRAWOUT CIRCUIT BREAKER, 3P UNO
						S	SHUNT TRIP OPERATED CIRCUIT BREAKER

	FUSED POTENTIAL TRANSFORMER
	CURRENT TRANSFORMERS, 3 UNO
	CAPACITOR
	EARTH GROUND
LA	LIGHTNING ARRESTER
	PLUG AND RECEPTACLE OR DRAWOUT DEVICE
	POWER TRANSFORMER
X	3 PHASE MOTOR. X INDICATES HORSEPOWER OR KILOWATTS
CP	CONTROL PANEL FURNISHED UNDER DIVISION 25
G	GENERATOR

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CONSTRUCTION DOCUMENTS

BRIAN W. BUTLER REGISTERED No. PE10800026 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

ELECTRICAL ONE LINE DIAGRAM

E7.1

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Branch Panel: 2H3

Location: MECHANICAL MEZZANINE... **Volts:** 480/277 Wye **A.I.C. Rating:**
Supply From: SB2 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Surface **Wires:** 4 **Mains Rating:** 400 A
Enclosure: Type 1 **MCB Rating:** 400 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A (VA)		B (VA)		C (VA)		Poles	Trip	Circuit Description	CKT
1	Lighting - Unit E second floor	20 A	1	351	1732					1	20 A	Lighting - Rm. D105	2
3	Lighting Room 363, 412, 431, 168, 539, 538, 371...	20 A	1			1578	3977			1	20 A	Lighting - Unit C	4
5								2165	1	20 A	Lighting - Rm. D105	6	
7	Lighting - Unit E	20 A	1	2263	2598					1	20 A	Lighting - Rm. D105	8
9	Air Handling Unit AHU-01C - Mezzanine (NOTE 3)	40 A	3			5817	2598			1	20 A	Lighting - Rm. D105	10
11	--	--	--					5817	2165	1	20 A	Lighting - Rm. D105	12
13	--	--	--	5817	2105					3	20 A	Air Handling Unit AHU-02C - Mezzanine (NOTE 1)	14
15	DOAS-01E - POOL OUTSIDE AIR UNIT	60 A	3			10415	2105			--	--	--	16
17	--	--	--					10415	2105	--	--	--	18
19	--	--	--	10415	23046					3	125 A	AHU-01E - POOL DEHUMIDIFICATION UNIT	20
21	Air Handling Unit AHU-03C - Mezzanine (NOTE 2)	25 A	3			3878	23046			--	--	--	22
23	--	--	--					3878	23046	--	--	--	24
25	--	--	--	3878	2105					3	20 A	Air Handling Unit AHU-04C - Mezzanine (NOTE 1)	26
27	Lighting - Rm. D105	20 A	1			1732	2105			--	--	--	28
29	Spare	20 A	1					0	2105	--	--	--	30
31	Spare	20 A	1	0	0					1	20 A	Spare	32
33	Spare	20 A	1			0	0			1	20 A	Spare	34
35	Spare	20 A	1					0	0	1	20 A	Spare	36
37	Spare	20 A	1	0	0					1	20 A	Spare	38
39	Spare	20 A	1			0	0			1	20 A	Spare	40
41	Spare	20 A	1					0	0	1	20 A	Spare	42
		Total Load:		54311 VA		57252 VA		51697 VA					
		Total Amps:		198 A		208 A		187 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	21159 VA	100.00%	21159 VA		
Motor	142101 VA	112.16%	159386 VA	**Total Conn. Load:**	163260 VA
				Total Est. Demand:	180545 VA
				Total Conn.:	196 A
				Total Est. Demand:	217 A

Notes:
NOTE 1: CONNECT WITH 3#12, #12G IN 3/4"C.
NOTE 2: CONNECT WITH 3#10, #10G IN 3/4"C.
NOTE 3: CONNECT WITH 3#8, #10G IN 3/4"C.

Branch Panel: 2L1

Location: MECHANICAL MEZZANINE... **Volts:** 208/120 Wye **A.I.C. Rating:**
Supply From: T-2L1 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Surface **Wires:** 4 **Mains Rating:** 200 A
Enclosure: Type 1 **MCB Rating:** 200 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle # 4 - RM E107	20 A	1	180	360					1	20 A	Quad Receptacle #1 - Rm. E107	2
3	Door Access Rm. B101, E102, E110	20 A	1			200	1127			1	20 A	Bleachers RM D105	4
5	Proscenium Receptacles	20 A	1					360	600	1	20 A	Water Cooler Rm. C101 (NOTE 1)	6
7	Receptacle Rm. E102, E103, EXT.	20 A	1	640	1200					1	20 A	Dishwasher - Rm. C104	8
9	Monitors - East Wall RM C114	20 A	1			1350	1690			1	20 A	Video Projectors - RM C102 & C110	10
11	Monitors - West Wall RM C114	20 A	1					900	1080	1	20 A	Receptacle - Rm. E116	12
13	Tech Receptacle - Theater Booth (NOTE 2)	20 A	1	2000	180					1	20 A	Receptacle Treadmill - Rm. C112	14
15	Receptacle Treadmill - Rm. C112	20 A	1			180	180			1	20 A	Receptacle #2 - RM E107	16
17	Auditorium Control Booth	20 A	1					1440	180	1	20 A	Receptacle Treadmill - Rm. C112	18
19	Receptacle #1 - RM E107	20 A	1	180	360					1	20 A	Quad Receptacle #2 - Rm. E107	20
21	Quad Receptacle #3 - Rm. E107	20 A	1			360	540			1	20 A	Receptacle Rm. C112	22
23	Receptacle #3 - RM E107	20 A	1					180	360	1	20 A	Receptacles - Stage E106	24
25	Auditorium 2nd Floor Receptacles	20 A	1	540	600					1	20 A	Water Cooler Rm. C102 (NOTE 1)	26
27	Water Cooler Rm. C110 (NOTE 1)	20 A	1			600	720			1	20 A	Receptacle Rm. E104, E105, E114, E115	28
29	Receptacle Rm. E108, E109	20 A	1					540	600	1	20 A	Water Cooler Rm. E102 (NOTE 1)	30
31	Receptacle Rm. C115	20 A	1	720	720					1	20 A	Receptacle Rm. C105	32
33	Receptacle Rm. C112	20 A	1			720	720			1	20 A	Receptacle Rm. C104	34
35	Receptacles Rm. C101, C113, CUH-01C,...	20 A	1					720	720	1	20 A	Receptacle Rm. C114	36
37	Receptacle Rm. D105, D108, D110	20 A	1	720	720					1	20 A	Mechanical Mezzanine Receptacles	38
39	Receptacle - Rm. E106	20 A	1			720	900			1	20 A	Receptacle Rm. C107	40
41	Receptacle Rm. C105	20 A	1					720	720	1	20 A	Receptacle - Rm. E113	42
43	Receptacle - Rm. E106, E110, EXT.	20 A	1	900	1080					1	20 A	Receptacle - Rm. E117	44
45	Receptacle Rm. C107-C111, CUH-04C	20 A	1			1080	1260			1	20 A	Receptacle Rm. C102, C03, C106	46
47	Receptacle Space 430	20 A	1					900	1080	1	20 A	Receptacle Rm. D102 - D104, OHD - Rm. D102	48
49	Receptacle - Rm. E116	20 A	1	1260	0					1	20 A	Spare	50
51	Spare	20 A	1			0	0			1	20 A	Spare	52
53	Receptacle Rm. C114	20 A	1					1260	0	1	20 A	Spare	54
55	Spare	20 A	1	0	0					1	20 A	Spare	56
57	Spare	20 A	1			0	0			1	20 A	Spare	58
59	Spare	20 A	1					0	0	1	20 A	Spare	60
		Total Load:		12360 VA		12347 VA		12360 VA					
		Total Amps:		103 A		103 A		103 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	1817 VA	115.51%	2099 VA		
Other	300 VA	100.00%	300 VA	**Total Conn. Load:**	37067 VA
Receptacle	34950 VA	64.31%	22475 VA	**Total Est. Demand:**	24874 VA
				Total Conn.:	103 A
				Total Est. Demand:	69 A

Notes:
NOTE 1: PROVIDE WITH 5mA GFCI BREAKER.
NOTE 2: CONNECT WITH 2#10, #10G IN 3/4"C.

Branch Panel: AGL1

Location: Space 408 **Volts:** 208/120 Wye **A.I.C. Rating:**
Supply From: T-AGL1 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Recessed **Wires:** 4 **Mains Rating:** 400 A
Enclosure: Type 1 **MCB Rating:** 400 A

Notes: INTEGRAL SURGE PROTECTION
SHUNT TRIP MAIN BREAKER CONNECTED TO SHOP EMERGENCY STOP BUTTON

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Air Compressor - RM B108	20 A	1	180	180					1	20 A	Outdoor Receptacle #1	2
3	Cord Reel #1 - RM B102	20 A	1			360	1127			1	20 A	Overhead Door #1 - Rm. B102	4
5	Receptacle #5 - RM B102	20 A	1					180	180	1	20 A	Receptacle #2 - RM B102	6
7	Door Access Rm. B101, B102, B103, B105	20 A	1	400	1840					1	20 A	CF-1 - Rm. B102	8
9	Overhead Door #2 - Rm. B102	20 A	1			1127	4160			2	50 A	208V Receptacle - East Wall (NOTE 1)	10
11	208V Receptacle - North Wall (NOTE 1)	50 A	2					4160	4160	--	--	--	12
13	--	--	--	4160	180					1	20 A	Receptacle #3 - RM B102	14
15	Receptacle #4 - RM B102	20 A	1			180	180			1	20 A	Receptacle #1 - RM B102	16
17	Welding Fume Collector Control Power	20 A	1					360	360	1	20 A	Welder Duplex 3 & 4	18
19	Outdoor Receptacle #2	20 A	1	180	360					1	20 A	Welder Duplex 5 & 6	20
21	Welder Duplex 7 & 8	20 A	1			360	360			1	20 A	Welder Duplex 1 & 2	22
23	Cord Reel #7 - RM B102	20 A	1					360	360	1	20 A	Cord Reel #4 - RM B102	24
25	Cord Reel #8 - RM B102	20 A	1	360	360					1	20 A	Cord Reel #5 - RM B102	26
27	Cord Reel #6 - RM B102	20 A	1			360	360			1	20 A	Cord Reel #3 - RM B102	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Cord Reel #2 - RM B102	20 A	1	360	4160					2	50 A	Receptacle - Welding (NOTE 1)	32
33	Receptacle - Welding (NOTE 1)	50 A	2			4160	4160			--	--	--	34
35	--	--	--					4160	4160	2	50 A	Receptacle - Welding (NOTE 1)	36
37	Receptacle - Welding (NOTE 1)	50 A	2	4160	4160					--	--	--	38
39	--	--	--			4160	4160			2	50 A	Receptacle - Welding (NOTE 1)	40
41	Receptacle - Welding (NOTE 1)	50 A	2					4160	4160	--	--	--	42
43	--	--	--	4160	4160					2	50 A	Outdoor 208V Receptacle (NOTE 1)	44
45	Receptacle - Welding (NOTE 1)	50 A	2			4160	4160			--	--	--	46
47	--	--	--					4160	4160	2	50 A	Receptacle - Welding (NOTE 1)	48
49	Welding Fume Collector - WFC-01	90 A	3	5817	4160					--	--	--	50
51	--	--	--			5817	0			1	20 A	Spare	52
53	--	--	--					5817	0	1	20 A	Spare	54
55	Spare	20 A	1	0	0					1	20 A	Spare	56
57	Spare	20 A	1			0	0			1	20 A	Spare	58
59	Spare	20 A	1					0	0	1	20 A	Spare	60
		Total Load:		39337 VA		39351 VA		40897 VA					
		Total Amps:		328 A		328 A		341 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	21545 VA	120.25%	25908 VA		
Other	400 VA	100.00%	400 VA	**Total Conn. Load:**	119585 VA
Receptacle	6120 VA	100.00%	6120 VA	**Total Est. Demand:**	87340 VA
Receptacle - Welding	91520 VA	60.00%	54912 VA	**Total Conn.:**	332 A
				Total Est. Demand:	242 A

Notes:
NOTE 1: CONNECT WITH 3#6, #10G IN 1"C.

Branch Panel: 2L2

Location: MECHANICAL MEZZANINE... **Volts:** 208/120 Wye **A.I.C. Rating:**
Supply From: **Phases:** 3 **Mains Type:** M.C.B
Mounting: Surface **Wires:** 4 **Mains Rating:** 200 A
Enclosure: Type 1 **MCB Rating:** 200 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	TEMPERATURE CONTROL PANELS -...	20 A	1	750	750					1	20 A	TEMPERATURE CONTROL PANELS -...	2
3	Spare	20 A	1			0	874			1	20 A	Propeller Unit Heaters - PUH-01C, 02C -...	4
5	Unit E AHU Lights & Recepts	20 A	1					1080	345	1	20 A	EF-01E - Theater	6
7	Cab Heater - CUH-01C - RM C102	20 A	1	1800	1800					1	20 A	Cab Heater - CUH-02C - RM C102	8
9	EF-01C Rm. C111	20 A	1			1840	1800			1	20 A	Cab Heater - CUH-03C - RM C110	10
11	EF-02C (C114) & EF-03C	20 A	1					1955	1978	1	20 A	EF-01D - EF-03D - UNIT E	12
13	CUH-01E, PUH-01E - Rm. E110, E113	20 A	1	120	400					1	20 A	Door Access Rm. C101, C102, C110, C114	14
15	Garbage Disposer - RM C104	20 A	1			1587	1000			1	20 A	Refrigerator Rm. C104	16
17	Cooler #2 - RM E108	20 A	1					1000	1000	1	20 A	Cooler #1 - RM E108	18
19	Overhead Doors - Rm. E113	20 A	1	2254	1500					2	20 A	Other Space 432	20
21	Spare	20 A	1			0	1500			--	--	--	22
23	Spare	20 A	1					0	0	1	20 A	Spare	24
25	Spare	20 A	1	0	0					1	20 A	Spare	26
27	Spare	20 A	1			0	0			1	20 A	Spare	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Spare	20 A	1	0	0					1	20 A	Spare	32
33	Spare	20 A	1			0	0			1	20 A	Spare	34
35	Spare	20 A	1					0	0	1	20 A	Spare	36
37	Spare	20 A	1	0	0					1	20 A	Spare	38
39	Spare	20 A	1			0	0			1	20 A	Spare	40
41	Spare	20 A	1					0	0	1	20 A	Spare	42
		Total Load:		9374 VA		8601 VA		7358 VA					
		Total Amps:		80 A		73 A		61 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	10953 VA	104.20%	11413 VA		
Other	4900 VA	100.00%	4900 VA	**Total Conn. Load:**	25333 VA
Electric Heat	5400 VA	90.00%	4860 VA	**Total Est. Demand:**	25253 VA
Receptacle	4080 VA	100.00%	4080 VA	**Total Conn.:**	70 A
				Total Est. Demand:	70 A

Notes:

Branch Panel: BL1

Location: Space 381 **Volts:** 208/120 Wye **A.I.C. Rating:**
Supply From: T-AGL1 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Recessed **Wires:** 4 **Mains Rating:** 200 A
Enclosure: Type 1 **MCB Rating:** 200 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Tech Receptacle - Rm. B107 (NOTE 3)	30 A	1	2000	900					1	20 A	Receptacle Rm. B106	2
3	DOOR ACCESS - Rm. A101	20 A	1			200	500			1	20 A	Projector - RM B103	4
5	GUH-01B, GUH-02B, CUH-01B - Rm. B102, B10...	20 A	1					720	540	1	20 A	Receptacle Rm. B105	6
7	Range Hood - RM B105	20 A	1	360	720					1	20 A	Cord Reels - Rm. B105 (NOTE 2)	8
9	Projector - RM B105	20 A	1			500	1000			1	20 A	Refrigerator Rm. B105	10
11	Range - Rm. B105 (NOTE 1)	50 A	2					5000	720	1	20 A	TECH CAB Receptacle Rm. B106	12
13	--	--	--	5000	720					1	20 A	Cord Reels - Rm. B103 (NOTE 2)	14
15	Receptacle - RM B101, B107-B110	20 A	1			1080	1200			1	20 A	Dishwasher - Rm. B105	16
17	Receptacle - Rm. B104	20 A	1					720	720	1	20 A	Cord Reels - Rm. B105 (NOTE 2)	18
19	EF-02B & EF-05B - RM B103	20 A	1	1334	0					1	20 A	Spare	20
21	Garbage Disposer - RM B105	20 A	1			1587	540			1	20 A	Receptacle - Rm. B105	22
23	EF-04B (B108) & EF-01B (B102)	20 A	1					1334	0	1	20 A	Spare	24
25	Spare	20 A	1	0	0					1	20 A	Spare	26
27	Receptacle - Rm. B103	20 A	1			720	720			1	20 A	Cord Reels - Rm. B103 (NOTE 2)	28
29	Spare	20 A	1					0	0	1	20 A	Spare	30
31	Spare	20 A	1	0	0					1	20 A	Spare	32
33	EF-03B & EF-06B - RM B105	20 A	1			1334	0			1	20 A	Spare	34
35	Spare	20 A	1					0	0	1	20 A	Spare	36
37	Spare	20 A	1	0	0					1	20 A	Spare	38
39	Spare	20 A	1			0	0			1	20 A	Spare	40
41	Spare	20 A	1					0	0	1	20 A	Spare	42
		Total Load:		11034 VA		9381 VA		9754 VA					
		Total Amps:		92 A		78 A		82 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	6309 VA	106.29%	6706 VA		
Other	200 VA	100.00%	200 VA	**Total Conn. Load:**	30169 VA
Receptacle	23660 VA	71.13%	16830 VA	**Total Est. Demand:**	23736 VA
				Total Conn.:	84 A
				Total Est. Demand:	66 A

Notes:
NOTE 1: CONNECT WITH 3#6, #10G IN 1"C.
NOTE 2: PROVIDE WITH 5mA GFCI BREAKER.
NOTE 3: CONNECT WITH 2#10, #10G IN 3/4"C.

Branch Panel: FPL1 (BY OTHERS)

Location: **Volts:** 208/120 Wye **A.I.C. Rating:**
Supply From: T-FPL1 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Surface **Wires:** 4 **Mains Rating:** 60 A
Enclosure: Type 1 **MCB Rating:** 60 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A (VA)		B (VA)		C (VA)		Poles	Trip	Circuit Description	CKT
1	Jockey Pump	20 A	1	1127	720					1	20 A	Receptacles	2
3	Electric Heater (NOTE 1)	20 A	2			1500							4
5	--	--	--					1500					6
7													8
9													10
11													12
		Total Load:		1847 VA		1500 VA		1500 VA					
		Total Amps:		15 A		13 A		13 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	1127 VA	125.00%	1409 VA		
Electric Heat	3000 VA	90.00%	2700 VA	**Total Conn. Load:**	4847 VA
Receptacle	720 VA	100.00%	720 VA	**Total Est. Demand:**	4829 VA
				Total Conn.:	13 A
				Total Est. Demand:	13 A

Notes:
NOTE 1: CONNECT WITH 2#12, #12G IN 3/4"C.

Branch Panel: 1XH3

Location: MECHANICAL MEZZANINE... **Volts:** 480/277 Wye **A.I.C. Rating:**
Supply From: SB2 **Phases:** 3 **Mains Type:** M.C.B
Mounting: Surface **Wires:** 4 **Mains Rating:** 100 A
Enclosure: Type 1 **MCB Rating:** 100 A

Notes: INTEGRAL SURGE PROTECTION

CKT	Circuit Description	Trip	Poles	A (VA)		B (VA)		C (VA)		Poles	Trip	Circuit Description	CKT
1	Lighting - Unit C	20 A	1	967	896					1	20 A	Lighting - Unit E	2
3	EMERGENCY LIGHTS - UNIT D FIRST FLOOR	20 A	1			451	1260			1	20 A	Lighting - UNIT F FIRST FLOOR	4
5	Lighting - Unit A & B	20 A	1					2880	2165	1	20 A	Pool South Emergency Lights	6
7	Pool North Emergency Lights	20 A	1	2165	0					1	20 A	Spare	8
9	Spare	20 A	1			0	0			1	20 A	Spare	10
11	Spare	20 A	1					0	0	1	20 A	Spare	12
13	Spare	20 A	1	0	0					1	20 A	Spare	14
15	Spare	20 A	1			0	0			1	20 A	Spare	16
17	Spare	20 A	1					0	0	1	20 A	Spare	18
		Total Load:		4028 VA		1711 VA		5045 VA					
		Total Amps:		16 A		6 A		20 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	10437 VA	100.00%	10437 VA		
Other	347 VA	100.00%	347 VA	**Total Conn. Load:**	10784 VA
				Total Est. Demand:	10784 VA
				Total Conn.:	13 A
				Total Est. Demand:	13 A

Notes:

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TIPPECANOE VALLEY HIGH SCHOOL A&R

8345 STATE ROUTE 19, AKRON, IN 46910

TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT
FANNING HOWEY
317-848-0966 WWW.FHAI.COM
350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

CONSTRUCTION DOCUMENTS

BRIAN W. BUTLER REGISTERED No. PE19800026 STATE OF PROFESSIONAL ENGINEER

PROJECT MANAGER: MKS
DRAWN BY: AMN
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

PANELBOARD SCHEDULES

E8.1

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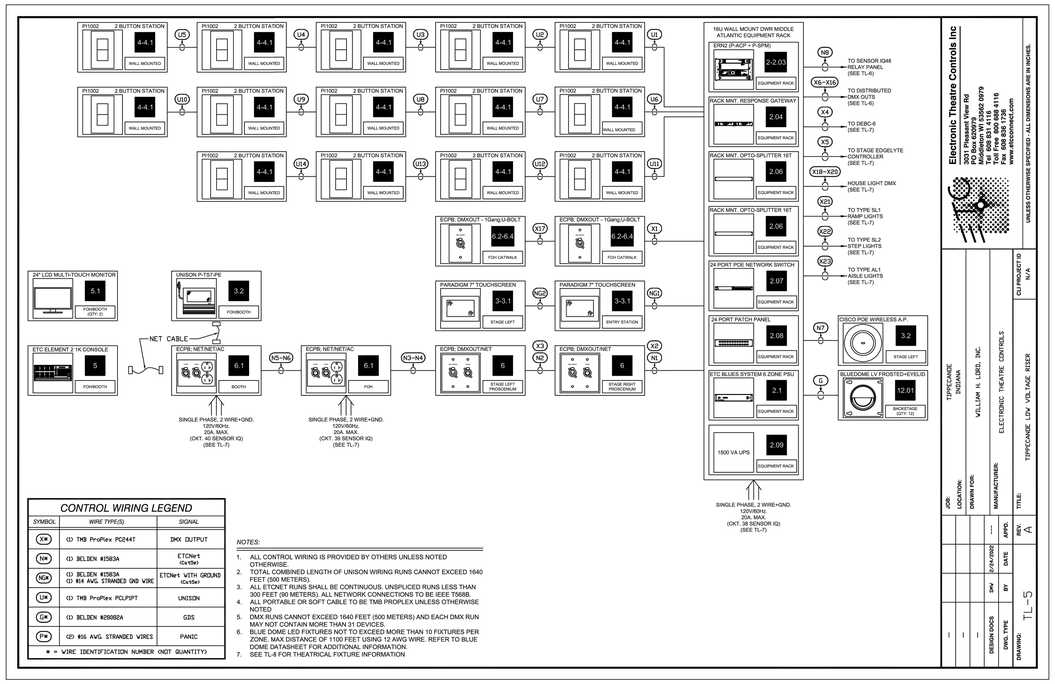

CONTROL WIRING LEGEND		
SYMBOL	WIRE TYPE(S)	SIGNAL
X#	(1) TMB ProPlex PC244T	DMX OUTPUT
N#	(1) BELDEN #1583A	ETCNet (Cat5e)
NG#	(1) BELDEN #1583A (1) #14 AWG STRANDED GND WIRE	ETCNet WITH GROUND (Cat5e)
U#	(1) TMB ProPlex PC1PST	UNISON
G#	(1) BELDEN #2800BA	GDS
P#	(2) #16 AWG. STRANDED WIRES	PANIC

= WIRE IDENTIFICATION NUMBER (NOT QUANTITY)

NOTES:

1. ALL CONTROL WIRING IS PROVIDED BY OTHERS UNLESS NOTED OTHERWISE.
2. TOTAL COMBINED LENGTH OF UNISON WIRING RUNS CANNOT EXCEED 1640 FEET (500 METERS).
3. ALL ETCNET RUNS SHALL BE CONTINUOUS. UNSPLICED RUNS LESS THAN 300 FEET (90 METERS). ALL NETWORK CONNECTIONS TO BE IEEE 1566B.
4. ALL PORTABLE OR SOFT CABLE TO BE TMB PROPLEX UNLESS OTHERWISE NOTED
5. DMX RUNS CANNOT EXCEED 1640 FEET (500 METERS) AND EACH DMX RUN MAY NOT CONTAIN MORE THAN 31 DEVICES.
6. BLUE DOME LED FIXTURES NOT TO EXCEED MORE THAN 10 FIXTURES PER ZONE. MAX DISTANCE OF 1100 FEET USING 12 AWG WIRE. REFER TO BLUE DOME DATASHEET FOR ADDITIONAL INFORMATION.
7. SEE TL-8 FOR THEATRICAL FIXTURE INFORMATION

Electronic Theatre Controls Inc
3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel: 608 831 4116
Toll Free 800 688 4116
Fax: 608 836 1736
www.etcconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE
LOCATION: INDIANA
DRAWN FOR: WILLIAM H. LURD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: TIPPECANOE LOW VOLTAGE RISER
CLI PROJECT ID: N/A

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REV.	APPD.	DATE	BY	DWG. TYPE
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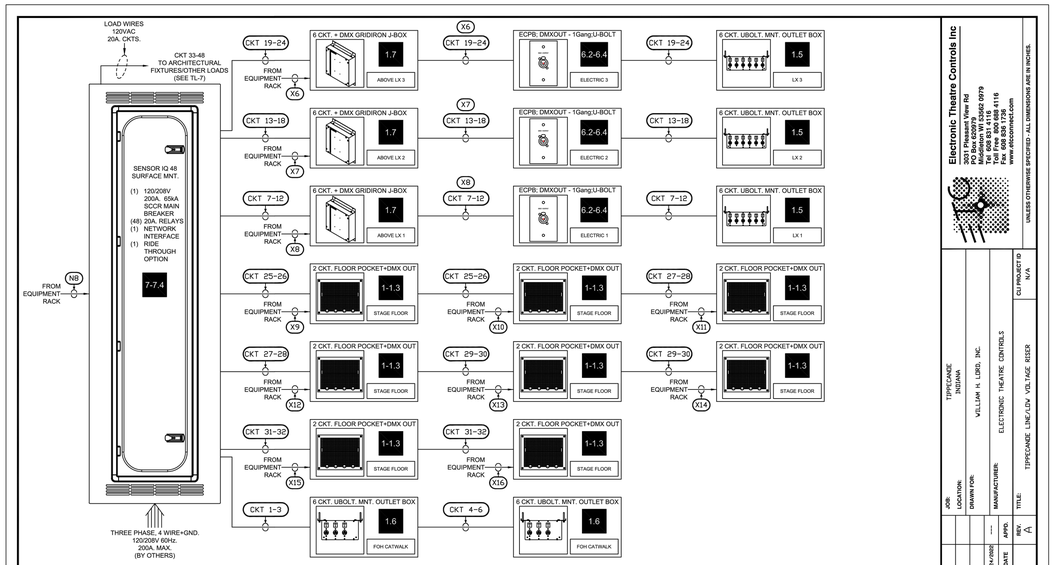

CONTROL WIRING LEGEND		
SYMBOL	WIRE TYPE(S)	SIGNAL
X#	(1) TMB ProPlex PC244T	DMX OUTPUT
N#	(1) BELDEN #1583A	ETCNet (Cat5e)

= WIRE IDENTIFICATION NUMBER (NOT QUANTITY)

NOTES:

1. ALL CONTROL WIRING IS PROVIDED BY OTHERS UNLESS NOTED OTHERWISE.
2. ALL ETCNET RUNS SHALL BE CONTINUOUS. UNSPLICED RUNS LESS THAN 300 FEET (90 METERS). ALL NETWORK CONNECTIONS TO BE IEEE 1566B.
3. DMX RUNS CANNOT EXCEED 1640 FEET (500 METERS) AND EACH DMX RUN MAY NOT CONTAIN MORE THAN 31 DEVICES.

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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE
LOCATION: INDIANA
DRAWN FOR: WILLIAM H. LURD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: TIPPECANOE LINE/CLOV VOLTAGE RISER
CLI PROJECT ID: N/A

	DESIGN DOCS	DWG. TYPE	DRAWING: TL-6
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REV.	APPD.	DATE	BY	DWG. TYPE
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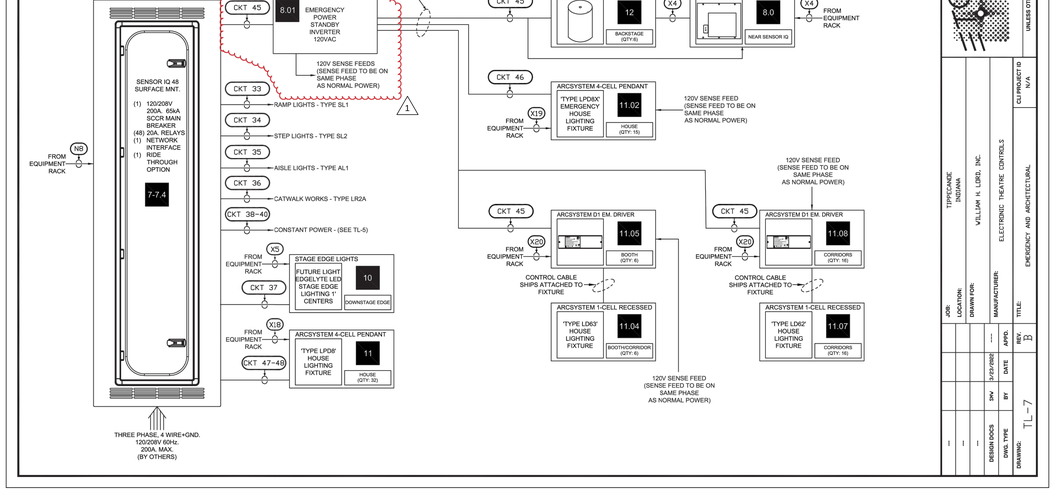

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PO Box 620979
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Tel: 608 831 4116
Toll Free 800 688 4116
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE
LOCATION: INDIANA
DRAWN FOR: WILLIAM H. LURD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: EMERGENCY AND ARCHITECTURAL
CLI PROJECT ID: N/A

	DESIGN DOCS	DWG. TYPE	DRAWING: TL-7
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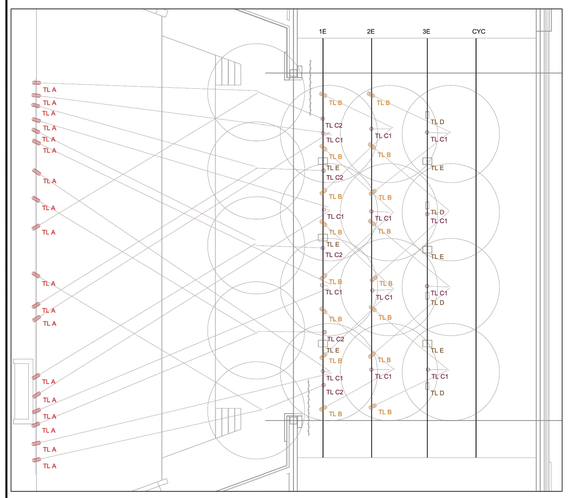
REV.	APPD.	DATE	BY	DWG. TYPE
B	---	(CAT6/FIBER)	DMV	

STAGE LIGHTING FIXTURES :

WORK LIGHTS - 3000K SSRC 200 WATT WORK LIGHT C-CLAMP MOUNT 24 LX1+LX3 (QTY: 6)	CS PAR 22 FOH+LX3 (QTY:17)	CS. SPOT + CYC ADAPTER 23 CYC (QTY:4)	CS SPOT JR 21 LX1+LX2 (QTY: 16)	CS SPOT 26 DEG. 20 CATWALK (QTY: 18)



NOTES:

1. ALL CONTROL WIRING IS PROVIDED BY OTHERS UNLESS NOTED OTHERWISE.
2. ALL ETCNET RUNS SHALL BE CONTINUOUS. UNSPLICED RUNS LESS THAN 300 FEET (90 METERS). ALL NETWORK CONNECTIONS TO BE IEEE 1566B.
3. ALL PORTABLE OR SOFT CABLE TO BE TMB PROPLEX UNLESS OTHERWISE NOTED
4. DMX RUNS CANNOT EXCEED 1640 FEET (500 METERS) AND EACH DMX RUN MAY NOT CONTAIN MORE THAN 31 DEVICES.
5. CABLE PACKAGE AND FIXTURE ACCESSORIES FOR THEATRICAL LIGHTING FIXTURES TO BE PROVIDED BY AUTHORIZED ETC INTEGRATOR

Luminaire Schedule
Scene: ALL ON

Symbol	Label	Qty	Description
	TL A	18	CS Spot 26 Deg EDLT
	TL B	16	CS Spot Jr 25-50z Wide
	TL C1	12	CS PAR - WR
	TL C2	5	CS PAR - MR
	TL D	4	CS Spot with Cyc Adapter
	TL E	6	SSRC WL-LED-200-W

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Tel: 608 831 4116
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Fax: 608 836 1736
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE
LOCATION: INDIANA
DRAWN FOR: WILLIAM H. LURD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: STAGE FIXTURES
CLI PROJECT ID: N/A

	DESIGN DOCS	DWG. TYPE	DRAWING: TL-8
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REV.	APPD.	DATE	BY	DWG. TYPE
A	---	(CAT6/FIBER)	DMV	

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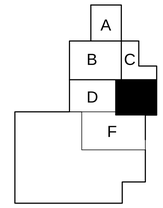
350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204



KEY PLAN

PLAN NORTH

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS

DRAWN BY: AMN

PROJECT NUMBER: 220158.00

PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

THEATRICAL ELECTRICAL DRAWINGS

TL.2

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SENSOR IQ 48 3 Ø RELAY PANEL:

JOB NUMBER: ***** | JOB NAME: Tippecanoe | DATE: 2/24/2022 | REVISION: SUB | PROJECT NOTE: *****

SLOT	RELAY / DIMMER	AMP	ADDRESS UNI	ADDRESS ADD	DESCRIPTION	FIXTURE CALL	FIXTURE TYPE	FIXTURE QTY	FIXTURE LOAD	LOAD PHASING A	LOAD PHASING B	LOAD PHASING C	FIXTURE LOAD	FIXTURE QTY	FIXTURE TYPE	FIXTURE CALL	DESCRIPTION	ADDRESS ADD	ADDRESS UNI	AMP	RELAY / DIMMER	SLOT
1	1P RELAY/BREAKER	20	10	1	FOH Outlet Box 1	TLA		3	166	498	498		166	3		TLA	FOH Outlet Box 1	2	10	20	1P RELAY/BREAKER	2
3	1P RELAY/BREAKER	20	10	3	FOH Outlet Box 1	TLA		3	166		498	498	166	3		TLA	FOH Outlet Box 2	4	10	20	1P RELAY/BREAKER	4
5	1P RELAY/BREAKER	20	10	5	FOH Outlet Box 2	TLA		3	166			498	166	3		TLA	FOH Outlet Box 2	6	10	20	1P RELAY/BREAKER	6
7	1P RELAY/BREAKER	20	10	7	LX1 Edison Outlet Box	TLB		4	166	664	664		166	4		TLB	LX1 Edison Outlet Box	8	10	20	1P RELAY/BREAKER	8
9	1P RELAY/BREAKER	20	10	9	LX1 Edison Outlet Box	TLC1		4	90			360	90	5		TLC2	LX1 Edison Outlet Box	10	10	20	1P RELAY/BREAKER	10
11	1P RELAY/BREAKER	20	10	11	LX1 Edison Outlet Box	TLE		3	200			600	0				LX1 Edison Outlet Box	12	10	20	1P RELAY/BREAKER	12
13	1P RELAY/BREAKER	20	10	13	LX2 Edison Outlet Box	TLB		4	166	664	664		166	4		TLB	LX2 Edison Outlet Box	14	10	20	1P RELAY/BREAKER	14
15	1P RELAY/BREAKER	20	10	15	LX2 Edison Outlet Box	TLC1		2	90		180	180	90	2		TLC1	LX2 Edison Outlet Box	16	10	20	1P RELAY/BREAKER	16
17	1P RELAY/BREAKER	20	10	17	LX2 Edison Outlet Box							0	0				LX2 Edison Outlet Box	18	10	20	1P RELAY/BREAKER	18
19	1P RELAY/BREAKER	20	10	19	LX3 Edison Outlet Box	TLD		2	166	332	332		166	2		TLD	LX3 Edison Outlet Box	20	10	20	1P RELAY/BREAKER	20
21	1P RELAY/BREAKER	20	10	21	LX3 Edison Outlet Box	TLC1		2	90		180	180	90	2		TLC1	LX3 Edison Outlet Box	22	10	20	1P RELAY/BREAKER	22
23	1P RELAY/BREAKER	20	10	23	LX3 Edison Outlet Box							0	200	3		TLE	LX3 Edison Outlet Box	24	10	20	1P RELAY/BREAKER	24
25	1P RELAY/BREAKER	20	10	25	Floor Pocket AL#1, AR#1					0	0						Floor Pocket AL#2, AR#2	26	10	20	1P RELAY/BREAKER	26
27	1P RELAY/BREAKER	20	10	27	Floor Pocket FL1#1, FR1#1						0	0					Floor Pocket FL1#2, FR1#2	28	10	20	1P RELAY/BREAKER	28
29	1P RELAY/BREAKER	20	10	29	Floor Pocket FL2#1, FR2#1							0	0				Floor Pocket FL2#2, FR2#2	30	10	20	1P RELAY/BREAKER	30
31	1P RELAY/BREAKER	20	10	31	Floor Pocket CL#1, CR#1					0	0						Floor Pocket CL#2, CR#2	32	10	20	1P RELAY/BREAKER	32
33	1P RELAY/BREAKER	20	10	33	Ramp Lights (DMX) SL1						0	0					Step Lights SL2	34	10	20	1P RELAY/BREAKER	34
35	1P RELAY/BREAKER	20	10	35	Aisle Lights (DMX) AL1							0	0				Catwalk Works LR2A	36	10	20	1P RELAY/BREAKER	36
37	1P RELAY/BREAKER	20	10	37	Apron Saftey (DMX)					0	0						Equipment/Control Rack	38	10	20	1P BREAKER	38
39	1P BREAKER	20	10	39	FOH Plug Station						0	0					Booth Plug In Station	40	10	20	1P BREAKER	40
41	1P RELAY/BREAKER	20	10	41	Spare							0	0				Spare	42	10	20	1P RELAY/BREAKER	42
43	1P RELAY/BREAKER	20	10	43	Spare					0	0						Spare	44	10	20	1P RELAY/BREAKER	44
45	1P RELAY/BREAKER	20	10	45	Works, LPD10, LD62, LD63			1	1340			1340	1410				ETC ArcSystem 4-Cell EM	46	10	20	1P RELAY/BREAKER	46
47	1P RELAY/BREAKER	20	10	47	ETC ArcSystem 4-Cell	LPD8		18	94					1692	1692	94	18	LPD8	ETC ArcSystem 4-Cell	48	10	20	1P RELAY/BREAKER	48

TOTAL WATTS	4316	5276	5580
TOTAL AMPS	35.97	43.97	46.50

ADDITIONAL HOUSE LIGHTS

1

ADDRESSING:
UNIVERSE: 10
ADDRESS: 1
PM: *****
AE: *****

ACCESSORY OPTIONS:
IQ-CI CONTACT INPUT OPTION (7131K1001) 0
IQ-DALI DALI CONTROL OPTION (7131K1002) 0
IQ-LVD 0-10V DIMMING CONTROL OPTION (7131K1003) 0
IQ-RTO RIDE THRU OPTION (7131K1004) 1
IQ-UPS-KIT CONTROL BACKUP WIRING KIT (7131K1817) 0
IQ48 ISOLATED TECHNICAL GROUND (7131K1151) 0
NO MAIN FUSE OPTION 0

CIRCUIT BREAKER COUNT
B1P TYPE IQ BREAKER, FOR 1P CB1025-2) 0
B20 120V IQ BREAKER;20A 1P (CB1026-2) 3
B30 120V IQ BREAKER;30A 1P (CB1027-2) 0
B152 120V IQ BREAKER;15A 2P 120V-TESTED (CB1029-2) 0
B202 120V IQ BREAKER;20A 2P (CB1030-2) 0
B302 120V IQ BREAKER;30A 2P (CB1031-2) 0
B153 120V IQ BREAKER;15A 3P (CB1033-2) 0
B203 120V IQ BREAKER;20A 3P (CB1034-2) 0
B303 120V IQ BREAKER;30A 3P (CB1035-2) 0

CIRCUIT BREAKER /RELAY COUNT
SNSR IQ CB W/RELAY 15A 1P 120V-TESTED (CB851-2) 0
SNSR IQ CB W/RELAY 20A 1P 120V-TESTED (C8852-2) 45
SNSR IQ CB W/RELAY 30A 1P 120V-TESTED (C8853-2) 0
SNSR IQ CB W/RELAY 15A 2P 120V-TESTED (CB854-2) 0
SNSR IQ CB W/RELAY 20A 2P 120V-TESTED (CB855-2) 0
SNSR IQ CB W/RELAY 30A 2P 120V-TESTED (CB856-2) 0
SNSR IQ CB W/RELAY 15A 3P 120V-TESTED (CB857-2) 0
SNSR IQ CB W/RELAY 20A 3P 120V-TESTED (CB858-2) 0
SNSR IQ CB W/RELAY 30A 3P 120V-TESTED (CB859-2) 0

RACK CONTENTS:
IQ48 120V 3PHASE ENCLOSURE W/O BREAKERS (7131A1061)
IQ BTM FEED 120V 100A 65kA 3P MCB (7131K1016-B)
IQ48 DOOR SURFACE MOUNT (7131A1551)

Electronic Theatre Controls Inc
3031 Pheasant View Rd
PO Box 620973
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE INDIANA
LOCATION:
DRAWN FOR: WILLIAM H. LORD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: LOAD SCHEDULE
CLI PROJECT ID N/A
DESIGN DOCS — — —
DWG. TYPE — — —
DRAWING: TL-9
BY | DATE: DM | 2/25/2022
APPD.: ----
REV.: B

CONTROL SYSTEM					Theatrical Integrator			Electrical Contractor		
Item	Qty	Model #	Part #	Description	Provide New	Install	Low Voltage Terminate	Provide New	Install	Line Voltage Terminate
Power Distro										
1.00	8	SSRC-Custom		SSRC Floor Pocket Cover (one required per floor pocket)	X				X	
1.10	8	SSRC-Custom		SSRC Floor Pocket (backbox)(one required per floor pocket)	X				X	
1.20	8	SSRC-Custom		SSRC Floor pocket insert plate with 2 - 20A Edison Duplex connectors	X				X	X
1.30	8	SSRC-Custom		SSRC DMX Output plug-in station (custom addition to floor pockets)	X		X		X	
1.50	3	9106A-U	7099A1106A	Outlet box, Surface, 6 Single Edison, 9106A (Electrics)	X				X	X
1.60	2	9103A-U	7099A1103A	Outlet box, Surface, 3 Single Edison, 9103A (Catwalk)	X				X	X
1.70	3	SSRC-Custom		SSRC Gridiron Junction Box, 6-circuit, with DMX	X		X		X	X
Lighting Control Rack										
2.00	1	Middle Atlantic		New 19" Shallow DWR MA Rack, 16 U with Locking front Door	X				X	X
2.01	1	ERN2-RM-120	7180A1013	ERn2 Rack Mount 120V Enclosure	X	X				X
2.02	1	P-ACP3	7180A1029	Paradigm Architectural Control Processor	X	X	X			
2.03	1	P-SPM-E	7182A1701	Paradigm Station Power Module	X	X	X			
2.04	2	RSN-DMX4-T	4268A1202	Response Mk2 4-port DMX Gateway, Terminal, Rack-mount style	X	X	X			
2.05	1	N3GA-RM	4260K1001	Gateway Rack Mount Kit	X	X				
2.06	2	RSN-OPTO-16T	4267A1034	Response Opto-Splitter - 16 Port Terminal Rack-mount	X	X	X			
2.07	1	Cisco		24 Port POE Switch	X	X	X			
2.08	1	TBD		Patch Panel with 24 Patch Cables	X	X	X			
2.09	1	TBD		1500 PS	X	X	X			
2.10	1	BSPS6RD	7492A1007	Blues System 6 zone, rack mount, DMX control input	X	X	X			X
Control - Touch Screens										
3.00	2	P-TS7-4	7184A1501-4	Paradigm 7" WM Touchscreen - Black (Stage Left, Entry Station)	X	X	X			
3.10	2	P-LCD-FBB	7184A1502	Flush Mount Backbox (for touch screen)	X				X	
3.20	1	P-TS7-PE	7184A1532	Paradigm 7" Portable Touchscreen - Ethernet (Booth/FOH)	X					
Control - Entry Stations										
4.00	14	PI1002-X	7185B2102-X	Paradigm Inspire 2-Button Station - Color TBD	X		X		X	
4.10	14	1IFP-X	7186A2101-X	1-Gang Inspire Faceplate - Color TBD	X	X				
Control - Console & Accessories										
5.00	1	ELEMENT 2 1K	4331A1011-US	Element 2 Console, 1,024 Outputs (Booth/FOH)	X	X				
5.10	2	LCD MTMON 24	M8299	24" LCD multi-touch monitor with adapters (Booth/FOH)	X	X				
5.20	1	WAP	SGN1282-M	Cisco wireless access point, POE (Stage Right)	X	X				
5.30	2			10' CAT5 network cable (Booth/FOH)	X	X				
DMX Distribution										
6.00	2	ECPB DMXOUT / NET	1094A1010	ECPB; DMX OUT/ NET (Proscenium Stage Left & Stage Right)	X		X		X	
6.10	2	ECPB NET/NET/AC	1094A1076	ECPB; NET / NET / AC Plug-in station (Booth & FOH)	X		X		X	X
6.20	4	ECPB DMXOUT	1094A1034	ECPB; DMX Output Plug-In Station (Electrics & Catwalk)	X		X		X	
6.30	4	ECPB PB1	1064A1023	ETC 1-gang, 2.5" deep back box, surface mount (Electrics & Catwalk)	X				X	
6.40	4	ECPB PB-U	2100A1302	U-Bolt Kit for ECPB Plug-in station (Electrics & Catwalk)	X				X	
Relay Panels										
7.00	1	IQ48	7131A1061	Sensor IQ, 48 Pole, 400A/120V, 3P breaker panel w/processor	X		X			X
7.10	1	IQ DOOR 120-48S	7131A1551	Sensor IQ, 48 Pole, 120V, surface mount door	X					
7.20	1	IQ-M8200A65K		Main Breaker: 120/208V 200A, 65kA SCCR	X					X
7.30	45	IQ SM CB	CB852-2	Sensor IQ circuit breaker w/relay, 20A, 1P, 120V	X				X	X
7.31	3	IQ SM B20	CB1026-2	B20 120V IQ Breaker, 20A, 1P	X				X	X
7.40	1	IQ-RTO	7131K1004	Ride-Through Option Kit	X	X	X			
Emergency Control										
8.00	1	DEBC-1	7180A1221	Single output DMX Emergency Bypass Controller	X		X		X	X
8.01	1	ELU-AAX-3KW-0500		UltraLITE Model ELU Standby Inverter	X				X	X

1

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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE INDIANA
LOCATION:
DRAWN FOR: WILLIAM H. LORD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: MATRIX/XBM PART 1
CLI PROJECT ID N/A
DESIGN DOCS — — —
DWG. TYPE — — —
DRAWING: TL-10
BY | DATE: DM | 2/25/2022
APPD.: ----
REV.: B

MATRIX COUNTINUED					Theatrical Integrator			Electrical Contractor		
Item	Qty	Model #	Part #	Description	Provide New	Install	Low Voltage Terminate	Provide New	Install	Line Voltage Terminate
ARCHITECTURAL LIGHTING										
Item	Qty	Model #	Part #	Description						
Stage Edge										
10.00	1			Future Light EdgeLyte LED Stage Edge Lighting 1' Centers	X		X		X	X
House Lights										
11.00	32	ARCP4PRDM360B	7494A1518	**Type LPD8** - ArcSystem Pro Four-Cell Pendant, RDM, 100-277V, 3000K/60°, Black	X		X		X	X
11.01	32	ARCP4PS96B	7494A1845	Stem, ArcSystem Pro Four Cell Pendant, 96", Black	X				X	X
11.02	15	ARCP4PRDM360B	7494A1538	**Type LPD8X** - ArcSystem Pro Four-Cell Pendant, EM, RDM, 100-277V, 3000K/60°, Black	X		X		X	X
11.03	15	ARCP4PS96B	7494A1845	Stem, ArcSystem Pro Four Cell Pendant, 96", Black	X				X	X
11.04	6	ARCP13550WA	7491A1123-1	**Type LD63** - ArcSystem Pro 1-Cell Recessed-Adjustable 3500K/50° WT	X		X		X	X
11.05	6	ARCPED1DRDMM	7490A1143	ArcSystem D1 Emergency Driver - Wired DMX/DMX/RDM	X				X	X
11.06	6	ARCP1RCB	7491A1214	ArcSystem Pro 1-Cell Recessed Mounting Bracket	X				X	X
11.07	16	ARCP1S36WA	7491A1517-1	**Type LD62** - ArcSystem Pro 1-Cell Small Recessed Adjustable 3000K/60° WT	X		X		X	X
11.08	16	ARCPED1DRDMM	7490A1143	ArcSystem D1 Emergency Driver - Wired DMX/DMX/RDM	X				X	X
11.09	16	ARCP1RCB-S	7491A1215	ArcSystem Pro One-Cell Small Recessed Ceiling Bracket	X				X	X
Backstage Lights										
12.00	6	CA-70-D-B-M-4-B-R-N		**Type LPD10** - Aquarii Caprius - Backstage work & running Light	X		X			
12.01	12	BSDBF	7492A1110	**Type RL** - BlueDome LV frosted	X		X		X	
12.02	12	BSEL	7492A1010	Eyelid Baffle for any Dome	X	X				
12.03	12	BS4SQUAREPLATE	7492A3003	BlueBeam/Dome 4" Square Box Adapter Plate, black	X				X	
STAGE LIGHTING										
Item	Qty	Model #	Part #	Description						
26 Degree Ellipsoidals										
20.00	18	CSSPOTS	7413A1001	**Type TLA** - ColorSource Spot, light engine with shutter barrel, Original, XLR, black	X	X				
20.01	18	426EDLT	7060A2047	26° EDLT lens tube, black	X	X				
20.02	18	400CC	7060A2009	C-Clamp, black	X	X				
20.03	18	400SC	7060A1022	Safety Cable (30 in / 762 mm), black	X	X				
20.04	18	DPJ-10	7410B7010	powerCON female to powerCON male fixture power jumper, 10 ft/3.0 m	X	X				
20.05	18			10' DMX, XLR	X	X				
Zoom Ellipsoidals										
21.00	16	CSSPOTJR2550	7416A1001	**Type TLB** - ColorSource Spot jr, Original, black, ETL	X	X				
21.01	16	400CC	7060A2009	C-Clamp, black	X	X				
21.02	16	400SC	7060A1022	Safety Cable (30 in / 762 mm), black	X	X				
21.03	16	DPJ-10	7410B7010	powerCON female to powerCON male fixture power jumper, 10 ft/3.0 m	X	X				
21.04	16			10' DMX, XLR	X	X				
Wash Lights										
22.00	17	CSPAR	7412A1005	**Type TLC** - ColorSource PAR, XLR, black	X	X				
22.01	12	SELRW-7.5	7410K1013	D40/CSPAR Wide Round Diffuser in Frame, black	X	X				
22.02	5	SELRM-7.5	7410K1012	D40/CSPAR Medium Round Diffuser in Frame, black	X	X				
22.03	17	400CC	7060A2009	C-Clamp, black	X	X				
22.04	17	400SC	7060A1022	Safety Cable (30 in / 762 mm), black	X	X				
22.05	17	DPJ-10	7410B7010	powerCON female to powerCON male fixture power jumper, 10 ft/3.0 m	X	X				
22.06	17			10' DMX, XLR	X	X				
Cyc Lights										
23.00	4	CSSPOTDBS	7413A1041	**Type TLD** - ColorSource Spot, light engine with shutter barrel, Deep Blue, XLR, black	X	X				
23.01	4	S4LEDCYC	7460A2011	LED CYC Adapter, black	X	X				
23.02	4	400CC	7060A2009	C-Clamp, black	X	X				
23.03	4	400SC	7060A1022	Safety Cable (30 in / 762 mm), black	X	X				
23.04	4	DPJ-10	7410B7010	powerCON female to powerCON male fixture power jumper, 10 ft/3.0 m	X	X				
23.05	4			10' DMX, XLR	X	X				
Over-Stage Work Lights										
24.00	6	WL-LED- 200-W		**Type TLE** - SSRC 200W Work Light	X	X				
24.01	6	400CC	7060A2009	C-Clamp, black	X	X				
24.02	6	400SC	7060A1022	Safety Cable (30 in / 762 mm), black	X	X				

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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

JOB: TIPPECANOE INDIANA
LOCATION:
DRAWN FOR: WILLIAM H. LORD, INC.
MANUFACTURER: ELECTRONIC THEATRE CONTROLS
TITLE: MATRIX/XBM PART 2
CLI PROJECT ID N/A
DESIGN DOCS — — —
DWG. TYPE — — —
DRAWING: TL-11
BY | DATE: DM | 2/24/2022
APPD.: ----
REV.: A

TIPPECANOE VALLEY HIGH SCHOOL A&R

8345 STATE ROUTE 19, AKRON, IN 46910

TIPPECANOE VALLEY SCHOOL CORPORATION

ARCHITECT

FANNING HOWEY

317-848-0966 WWW.FHAI.COM

350 E NEW YORK ST #300, INDIANAPOLIS, IN 46204

A
B C
D
F

PLAN NORTH

KEY PLAN

CONSTRUCTION DOCUMENTS

PROJECT MANAGER: MKS
DRAWN BY: AMN
PROJECT NUMBER: 220158.00
PROJECT ISSUE DATE: 03/10/2022

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM 1	3/29/2022

THEATRICAL ELECTRICAL DRAWINGS

TL.3

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