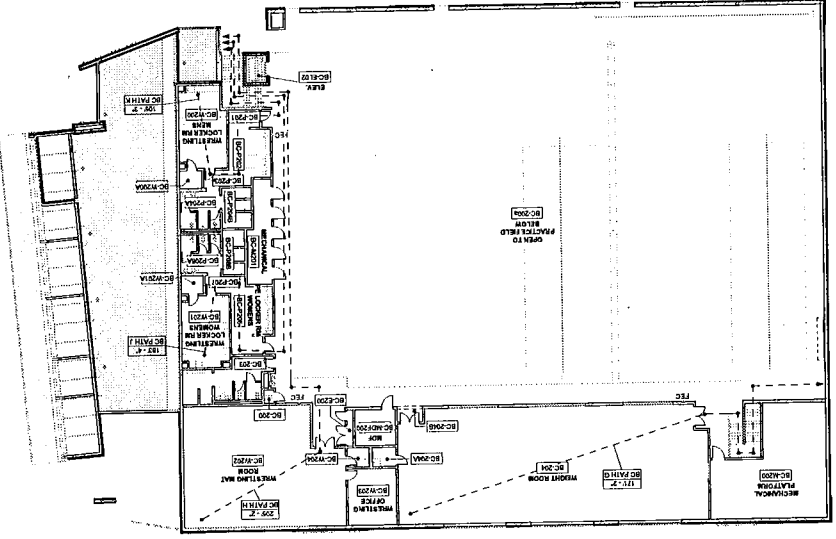
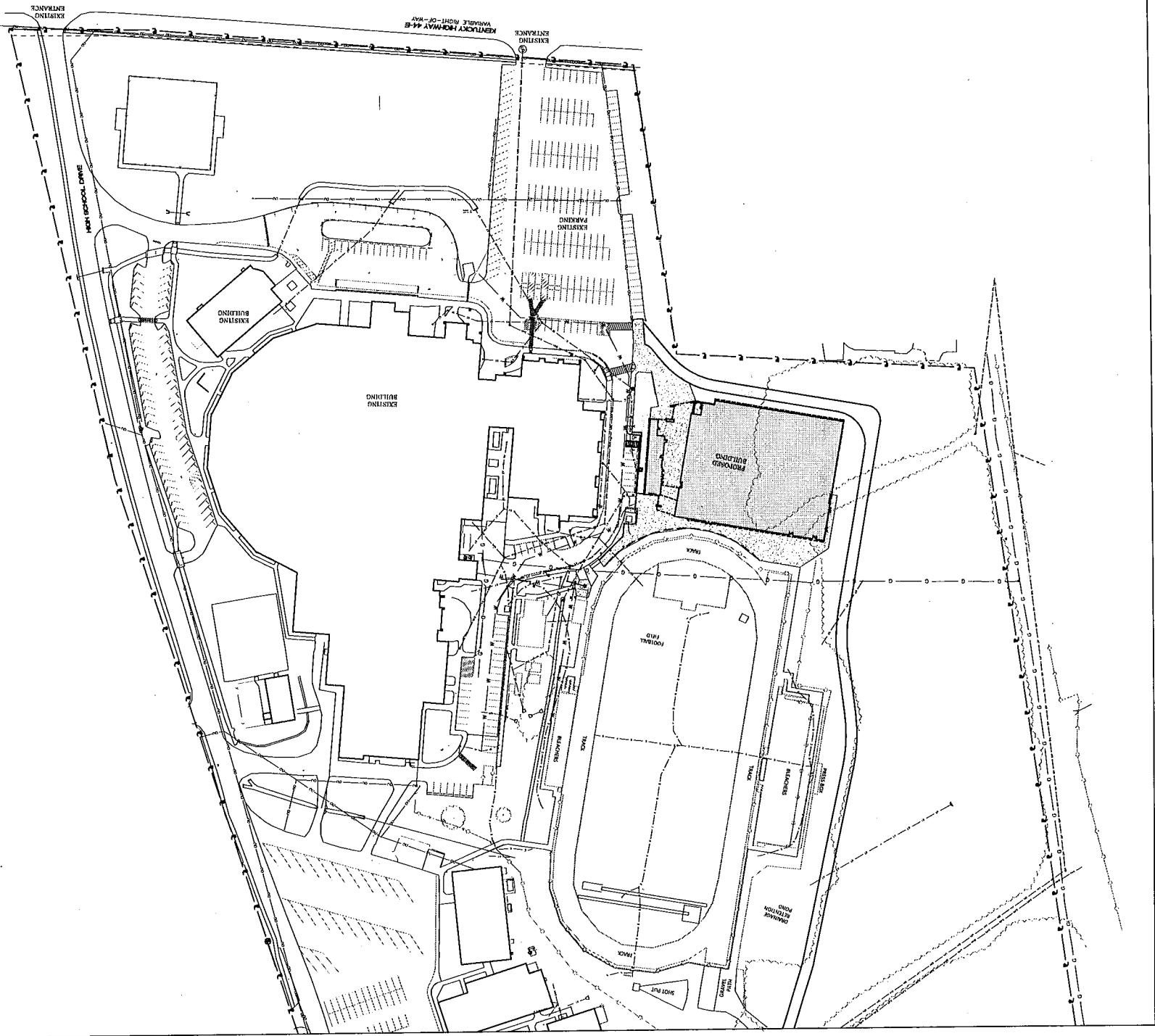


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CGI.01
 2023-50.1
 REVISIONS:
 DATE: 04/03/23
 DRAWN BY: JACOB
 CHECKED BY: TCM
 BGC# 25-145
CODE REVIEW AND LIFE SAFETY PLAN
 - BCHS
PHASE III - PHYSICAL SCIENCE CENTER
 BAYLOR UNIVERSITY HOSPITAL
 BR-25-45
B
 MOVING FORWARD

100% CONSTRUCTION DOCUMENTS





100% CONSTRUCTION DOCUMENTS

BULLITT CENTRAL HIGH SCHOOL
SITE FORM & UTILITY PLAN
PHASE III | PHYSICAL SCIENCE CENTER

BC# 25-145
DATE: 09/08/2025
DRAWN BY: RPH
CHECKED BY: SIA
REVISIONS:

2023-50.1

C1.43
BCHS

studio kremer architects
1231 S. 1st Ave., Suite 100, Seattle, WA 98104
PH: 206.461.1100 FAX: 206.461.1101



BUZICK
CONSTRUCTION INC.
1000 1st Ave., Suite 100, Seattle, WA 98104
PH: 206.461.1100 FAX: 206.461.1101



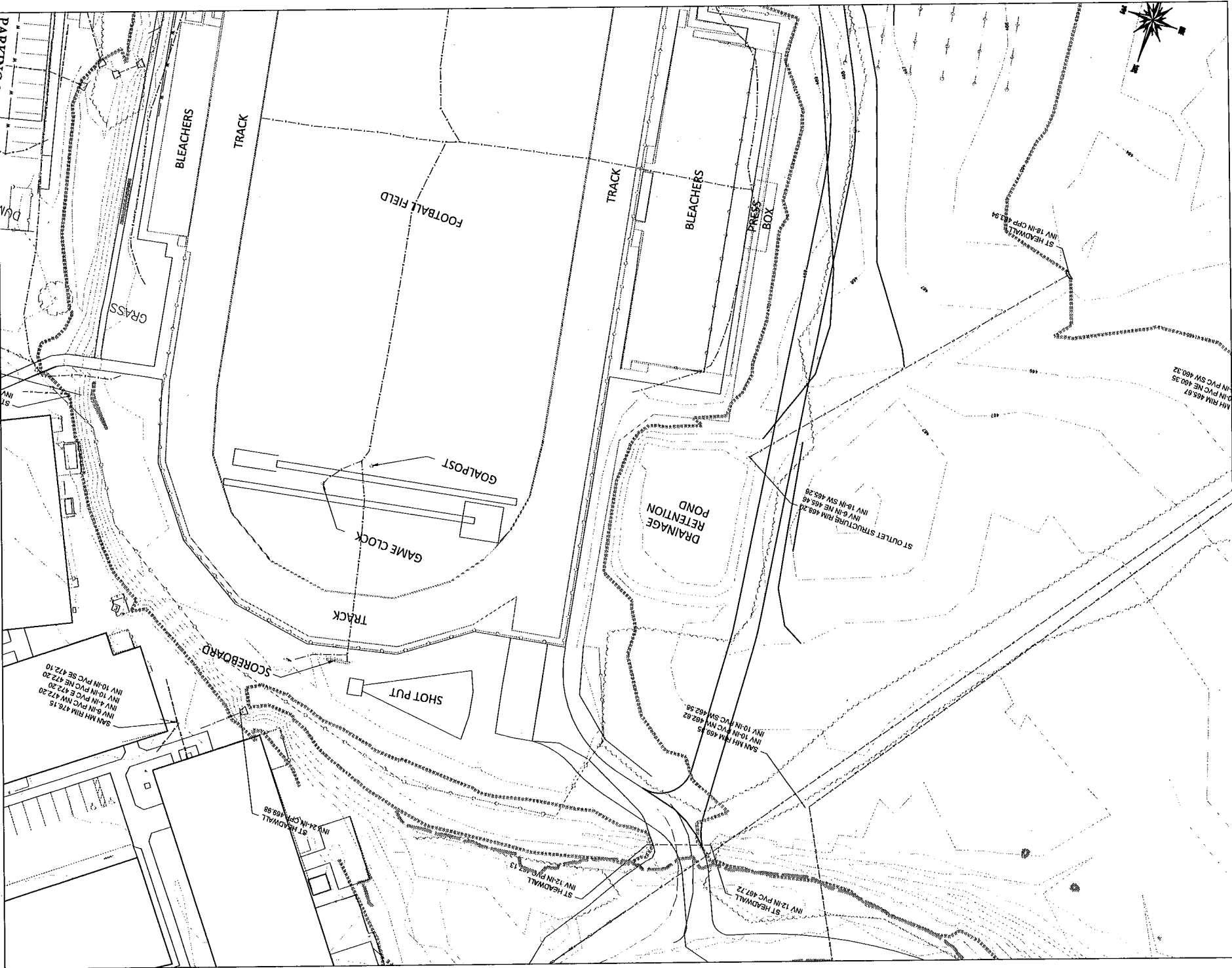
BC#
MOVING FORWARD

BULLITT CENTRAL HIGH SCHOOL
SITE FORM & UTILITY PLAN
PHASE III | PHYSICAL SCIENCE CENTER

BC# 25-145
DATE: 09/08/2025
DRAWN BY: RPH
CHECKED BY: SIA
REVISIONS:

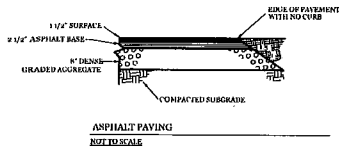
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C1.43
BCHS

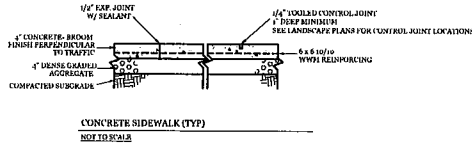


BC CONSULTING ENGINEER	BUZICK CONSTRUCTION INC. 701 Boulevard Ave. St. Louis, MO 63101 Phone: (314) 345-6801		STUDIO HERRMAN ARCHITECTS 1331 S. Shelby St., Louisville, KY 40203 Tel: 502.486.1100 Fax: 502.486.1101	S I U D I O
PC# 25-145	PHASE III PHYSICAL SCIENCE CENTER BUILT COURT PARK SCHOOLS BUILT FOR THE FUTURE	BUZICK CONSTRUCTION INC.	ST. JACQUES ROAD	REVISIONS:
DATE: 09/09/2023	QUANTITY: 100	CHECKED BY: SH	2023-50.1	C1.44
BC	BC	BC	BC	BC

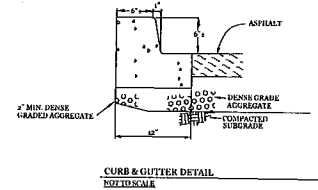
100% CONSTRUCTION DOCUMENTS



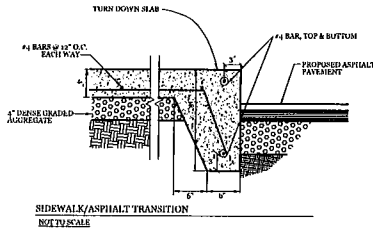
ASPHALT PAVING
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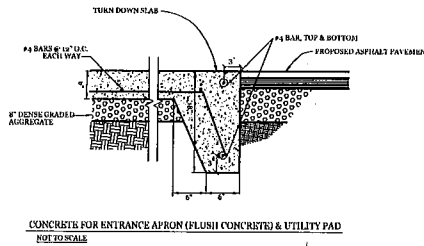
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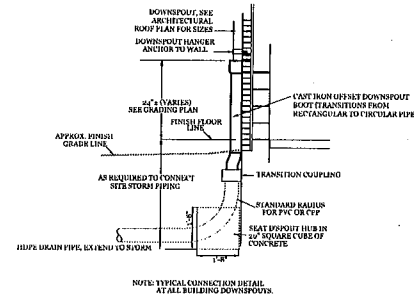
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NOT TO SCALE



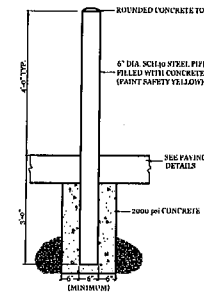
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NOT TO SCALE



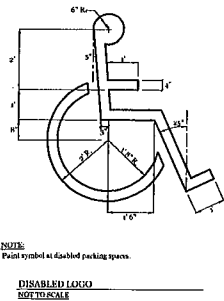
CONCRETE FOR ENTRANCE APRON (FLUSH CONCRETE) & UTILITY PAD
NOT TO SCALE



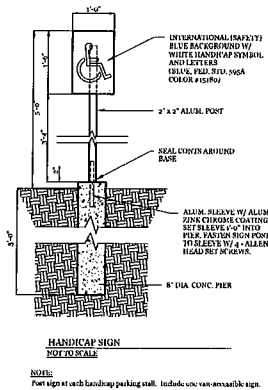
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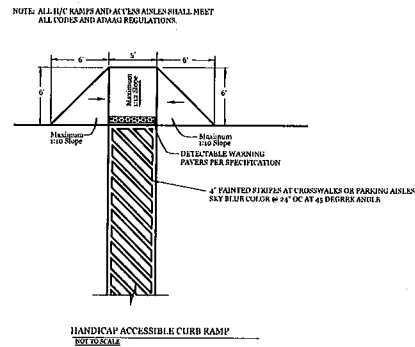
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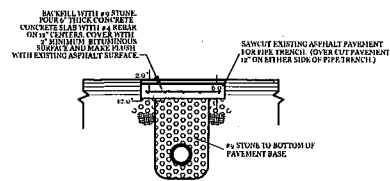
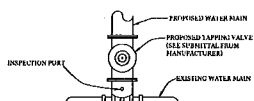
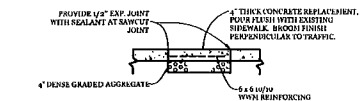
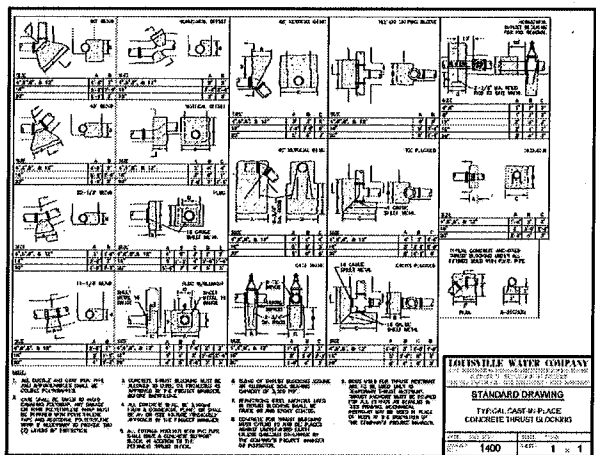
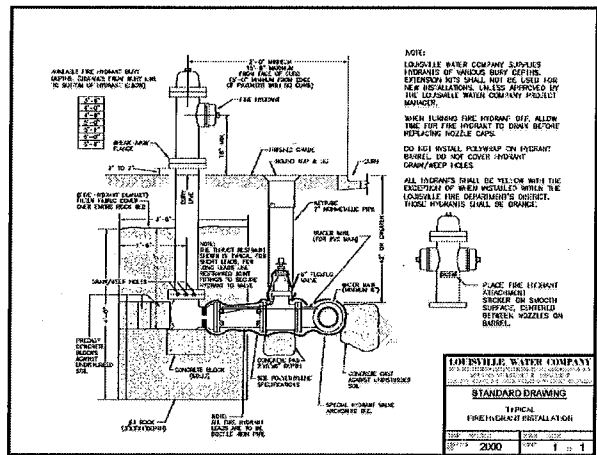
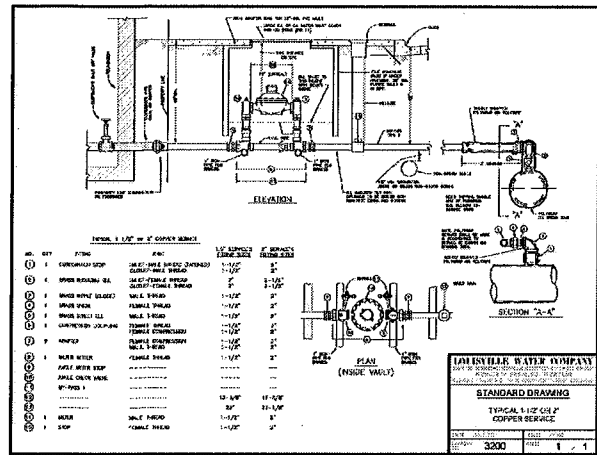
NOTE:
Paint symbol in disabled parking space.
DISABLED LOGO
NOT TO SCALE



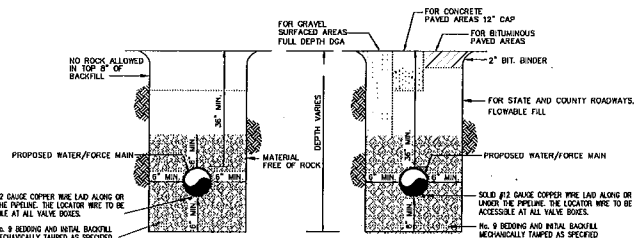
HANDICAP SIGN
NOT TO SCALE



HANDICAP ACCESSIBLE CURB RAMP
NOT TO SCALE



NOTE: ALL REQUIREMENTS FOR WATER SERVICE INSTALLATION AND HYDRANT MODIFICATION SHALL MEET THE REQUIREMENTS OF THE LOUISVILLE WATER COMPANY.



FORCE MAIN & WATER SERVICE BACKFILL DETAILS
NOT TO SCALE

100% CONSTRUCTION DOCUMENTS

BULLITT CENTRAL HIGH SCHOOL
UTILITY DETAILS
PHASE III | PHYSICAL SCIENCE CENTER
DATE: 09/09/2024
DRAWN BY: RPM
CHECKED BY: SAK
REVISIONS:
2023-50.1
C1.47
BCHS

GRAPHIC SCALE 1"=20'



EROSION CONTROL NOTES:

- The construction entrance shall consist of a 50' x 20' filter fabric and covered with 6 inches of 2" stone to minimize the amount of sediment tracked onto roadways. All construction vehicles shall drive across this pad before leaving the site. See detail on Erosion Control Details. Any sediment washed or tracked onto public street shall be cleaned the same day.
- Disturbed areas shall be kept to a minimum and revegetation shall be performed on all exposed earth. For channels and ditches where the slope exceeds 5% additional soil stabilization may be necessary to prevent rills and erosion. Such measures include the use of erosion control blankets, turf reinforcement mats, as manufactured by Terraset, or approved turf, and/or rip-rap. These measures will be required as shown on slope signs to prevent deterioration of slopes, runs, and migration of soils. Erosion control blankets will be reinforced during final seeding and leveling within otherwise noted.
- Final protection shall be provided at new and existing erosion slopes with this is established.
- Barrows or spots areas shall be temporarily stabilized if construction is suspended for more than 14 days and will not continue for 31 days. Additional work with permanent necessary around slope areas of exposed to be used in areas designated as green space as well as public areas. Once site is green, stabilize areas with permanent revegetation per the BMP.
- All erosion control measures shall be performed in accordance with this drawing plus and the Project SWPPP. The contractor will be responsible for performing or paying to have of every week. A copy of the Project SWPPP and weekly log shall be kept on site.

TOTAL DISTURBED LIMITS = 4.5 ACRES



100% CONSTRUCTION DOCUMENTS

BULLITT CENTRAL HIGH SCHOOL
EROSION CONTROL PLAN
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT COUNTY PUBLIC SCHOOLS
BULLITT COUNTY, KENTUCKY

BUZICK CONSTRUCTION INC.
NOT TO SCALE
PROJECT: (202) 346-4411

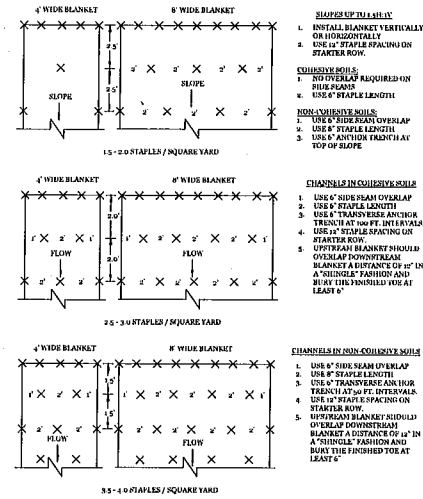
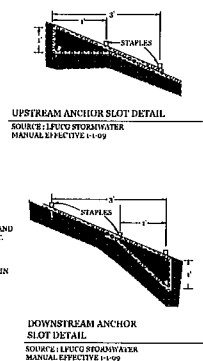
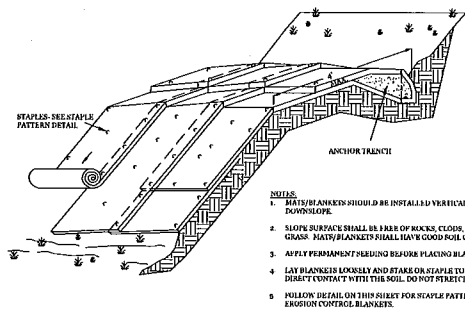
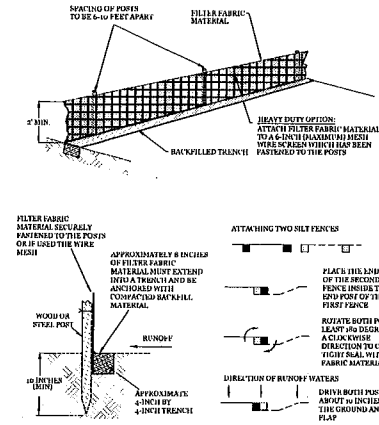
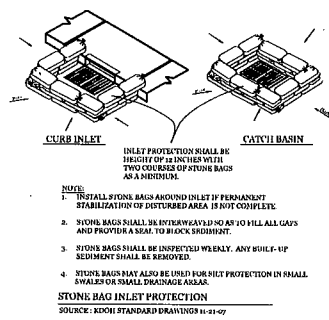
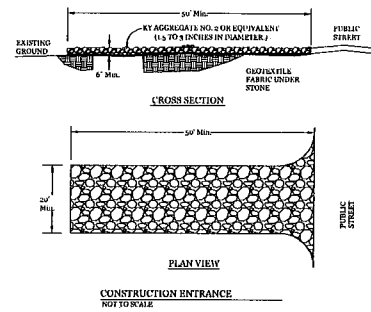
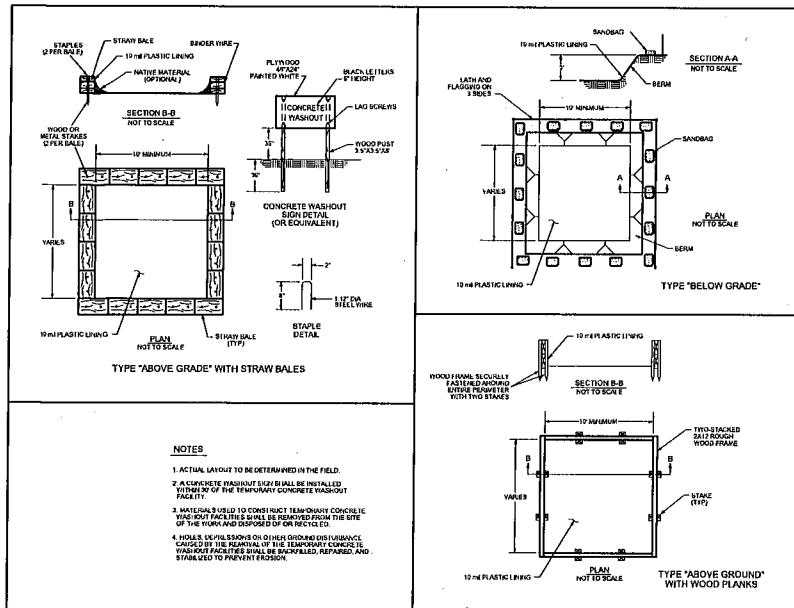
studio de werner architects
1231 S. 9th St., Louisville, KY 40203
Phone: (502) 486-1100 Fax: (502) 486-1101

DATE: 25-145
CHECKED BY: RMA
DRAWN BY: RMA

REVISIONS:

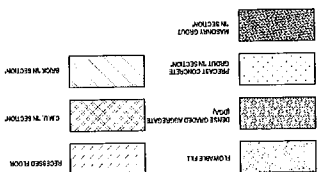
2023-50.1

C1.48
BCHS



100% CONSTRUCTION DOCUMENTS - PROGRESS SET

GENERAL NOTES



MATERIAL LEGEND

STRUCTURAL ABBREVIATIONS

NAME	DATE	TIME	LOCATION	STATUS	REMARKS
JOHN DOE	10/15/2023	14:30	Room 101	Present	Attended meeting
JANE SMITH	10/15/2023	15:00	Room 102	Absent	Out of office
BOB JONES	10/15/2023	16:00	Room 103	Present	Completed task
ALICE BROWN	10/15/2023	17:00	Room 104	Present	Review report
CHARLIE GREEN	10/15/2023	18:00	Room 105	Absent	On leave
DAVID WHITE	10/15/2023	19:00	Room 106	Present	Team discussion
EMILY BLACK	10/15/2023	20:00	Room 107	Present	Project update
FRED BROWN	10/15/2023	21:00	Room 108	Absent	Medical appointment
GRACE JONES	10/15/2023	22:00	Room 109	Present	Client meeting
HELEN SMITH	10/15/2023	23:00	Room 110	Present	Final review
IRVING DAVIS	10/15/2023	00:00	Room 111	Absent	Traveling
JACK MILLER	10/15/2023	01:00	Room 112	Present	Emergency call
JILL WILSON	10/15/2023	02:00	Room 113	Present	Shift change
JOHN ANDERSON	10/15/2023	03:00	Room 114	Absent	Sick leave
JANE TAYLOR	10/15/2023	04:00	Room 115	Present	Early start
BOB HARRIS	10/15/2023	05:00	Room 116	Present	Breakfast
ALICE MARTIN	10/15/2023	06:00	Room 117	Absent	Personal day
CHARLIE LEE	10/15/2023	07:00	Room 118	Present	Morning routine
DAVID KIM	10/15/2023	08:00	Room 119	Present	Commute
EMILY WALKER	10/15/2023	09:00	Room 120	Absent	Family emergency
FRED YOUNG	10/15/2023	10:00	Room 121	Present	Arrived office
GRACE KING	10/15/2023	11:00	Room 122	Present	Check email
HELEN WOOD	10/15/2023	12:00	Room 123	Absent	Lunch break
IRVING BAKER	10/15/2023	13:00	Room 124	Present	Resume work
JACK NELSON	10/15/2023	14:00	Room 125	Present	Meeting prep
JILL HART	10/15/2023	15:00	Room 126	Absent	Out of office
JOHN MILES	10/15/2023	16:00	Room 127	Present	Project work
JANE FERGUSON	10/15/2023	17:00	Room 128	Present	Team meeting
BOB PERKINS	10/15/2023	18:00	Room 129	Absent	On vacation
ALICE COLEMAN	10/15/2023	19:00	Room 130	Present	Report writing
CHARLIE JAMES	10/15/2023	20:00	Room 131	Present	Client call
DAVID WATSON	10/15/2023	21:00	Room 132	Absent	Medical leave
EMILY PETERSON	10/15/2023	22:00	Room 133	Present	Shift work
FRED ROBERTS	10/15/2023	23:00	Room 134	Present	Emergency response
GRACE CAMPBELL	10/15/2023	00:00	Room 135	Absent	Traveling
HELEN EVANS	10/15/2023	01:00	Room 136	Present	On duty
IRVING ROSS	10/15/2023	02:00	Room 137	Present	Shift change
JACK HENRY	10/15/2023	03:00	Room 138	Absent	Sick leave
JILL GREENE	10/15/2023	04:00	Room 139	Present	Early start
JOHN ADAMS	10/15/2023	05:00	Room 140	Present	Breakfast
JANE NELSON	10/15/2023	06:00	Room 141	Absent	Personal day
BOB HARRIS	10/15/2023	07:00	Room 142	Present	Morning routine
ALICE MARTIN	10/15/2023	08:00	Room 143	Present	Commute
CHARLIE LEE	10/15/2023	09:00	Room 144	Absent	Family emergency
DAVID KIM	10/15/2023	10:00	Room 145	Present	Arrived office
EMILY WALKER	10/15/2023	11:00	Room 146	Present	Check email
FRED YOUNG	10/15/2023	12:00	Room 147	Absent	Lunch break
GRACE KING	10/15/2023	13:00	Room 148	Present	Resume work
HELEN WOOD	10/15/2023	14:00	Room 149	Present	Meeting prep
IRVING BAKER	10/15/2023	15:00	Room 150	Absent	Out of office
JACK NELSON	10/15/2023	16:00	Room 151	Present	Project work
JILL HART	10/15/2023	17:00	Room 152	Present	Team meeting
JOHN MILES	10/15/2023	18:00	Room 153	Absent	On vacation
JANE FERGUSON	10/15/2023	19:00	Room 154	Present	Report writing
BOB PERKINS	10/15/2023	20:00	Room 155	Present	Client call
ALICE COLEMAN	10/15/2023	21:00	Room 156	Absent	Medical leave
CHARLIE JAMES	10/15/2023	22:00	Room 157	Present	Shift work
DAVID WATSON	10/15/2023	23:00	Room 158	Present	Emergency response
EMILY PETERSON	10/15/2023	00:00	Room 159	Absent	Traveling
FRED ROBERTS	10/15/2023	01:00	Room 160	Present	On duty
GRACE CAMPBELL	10/15/2023	02:00	Room 161	Present	Shift change
HELEN EVANS	10/15/2023	03:00	Room 162	Absent	Sick leave
IRVING ROSS	10/15/2023	04:00	Room 163	Present	Early start
JACK HENRY	10/15/20				

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212

QUESTION	ANSWER	MARKS
1. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
2. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
3. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
4. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
5. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
6. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
7. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
8. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
9. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1
10. Which of the following is not a part of the cell wall of a plant cell?	Cell membrane	1

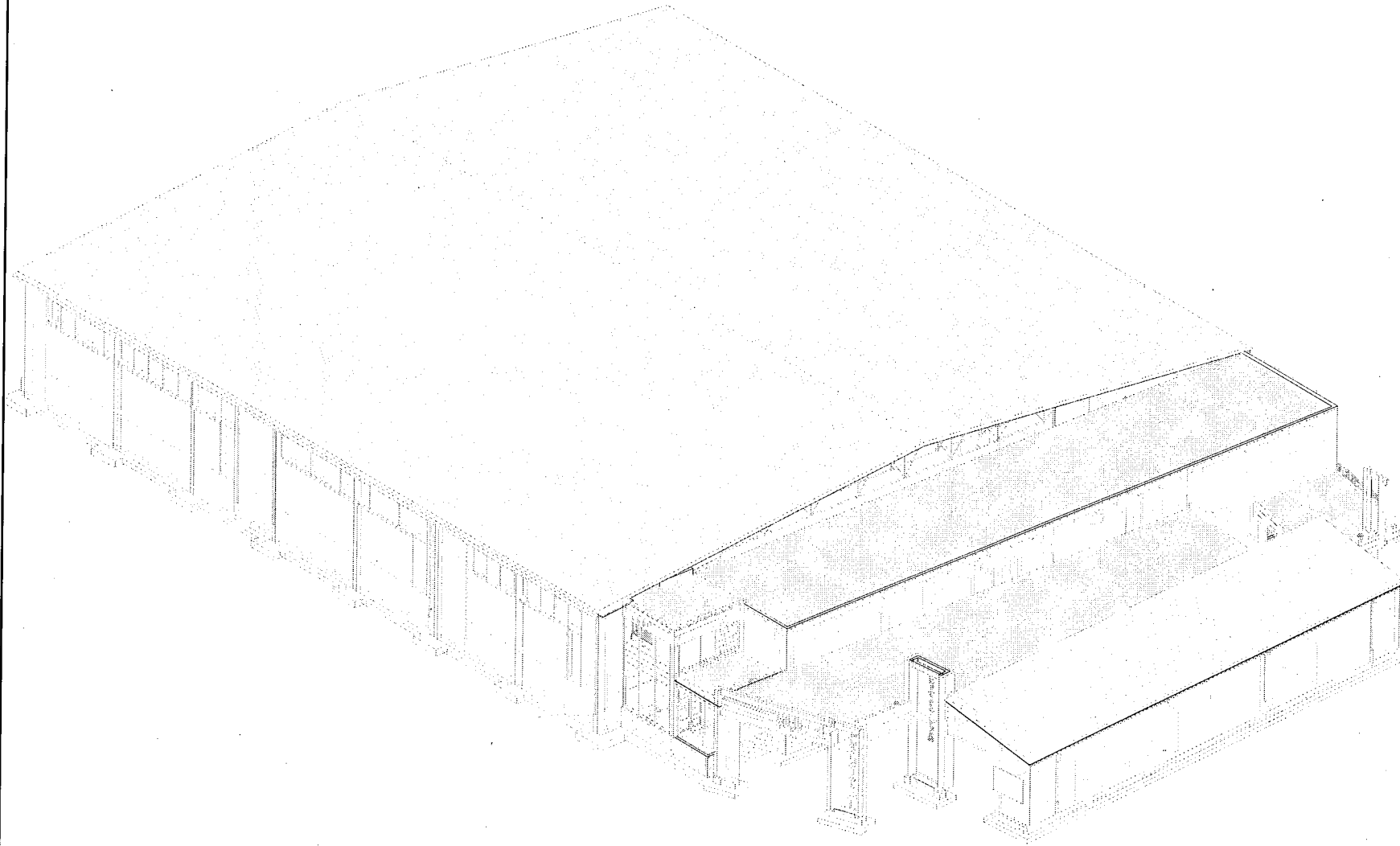
(IBC 1705.4)

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CONCRETE CONSTRUCTION
(IBC 4705.3)

FABRICATORS (REG 7704.23)		STEEL (AND OTHER METAL) CONSTRUCTION (REG 7704.22)	
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78	780000	780000	780000
79	790000	790000	79

STRUCTURAL SPECIAL INSPECTIONS CHART



ISOMETRIC BCHS

NOTE:
 1. VIEWS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY.
 2. NO STRUCTURAL WORK IS NOT GUARANTEED TO BE COMPLETE OR EXACT.
 3. SEE ALL OTHER SHEETS FOR ACCURATE STRUCTURAL PLANS AND DETAILS.

100% CONSTRUCTION DOCUMENTS - PROGRESS SET

ISOMETRIC VIEW - BCHS
 BCPS HIGH SCHOOL PHYSICAL SCIENCE CENTERS
 BULLITT COUNTY PUBLIC SCHOOLS
 SHEPHERDSVILLE, MT WASHINGTON & HERRON, KENTUCKY

DATE: 10/20/2023
 DRAWN BY: AJAH
 CHECKED BY: AJAH
 REVISIONS:

2023-50

BCHS
 S1.4

BC
 MOVING FORWARD

BK BROWN+KUBICAN
 STRUCTURAL ENGINEERS
 100 N. 2ND
 SHEPHERDSVILLE, KY 40361
 (502) 261-1234
 www.brownkubican.com

NOT FOR
 CONSTRUCTION

NOT FOR
 CONSTRUCTION

studio hewner architects
 1231 S. 2nd St., Louisville, KY 40203
 TEL: (502) 471-1122 FAX: (502) 471-1101
 www.studiohewner.com



FOUNDATION PLAN - BCHS

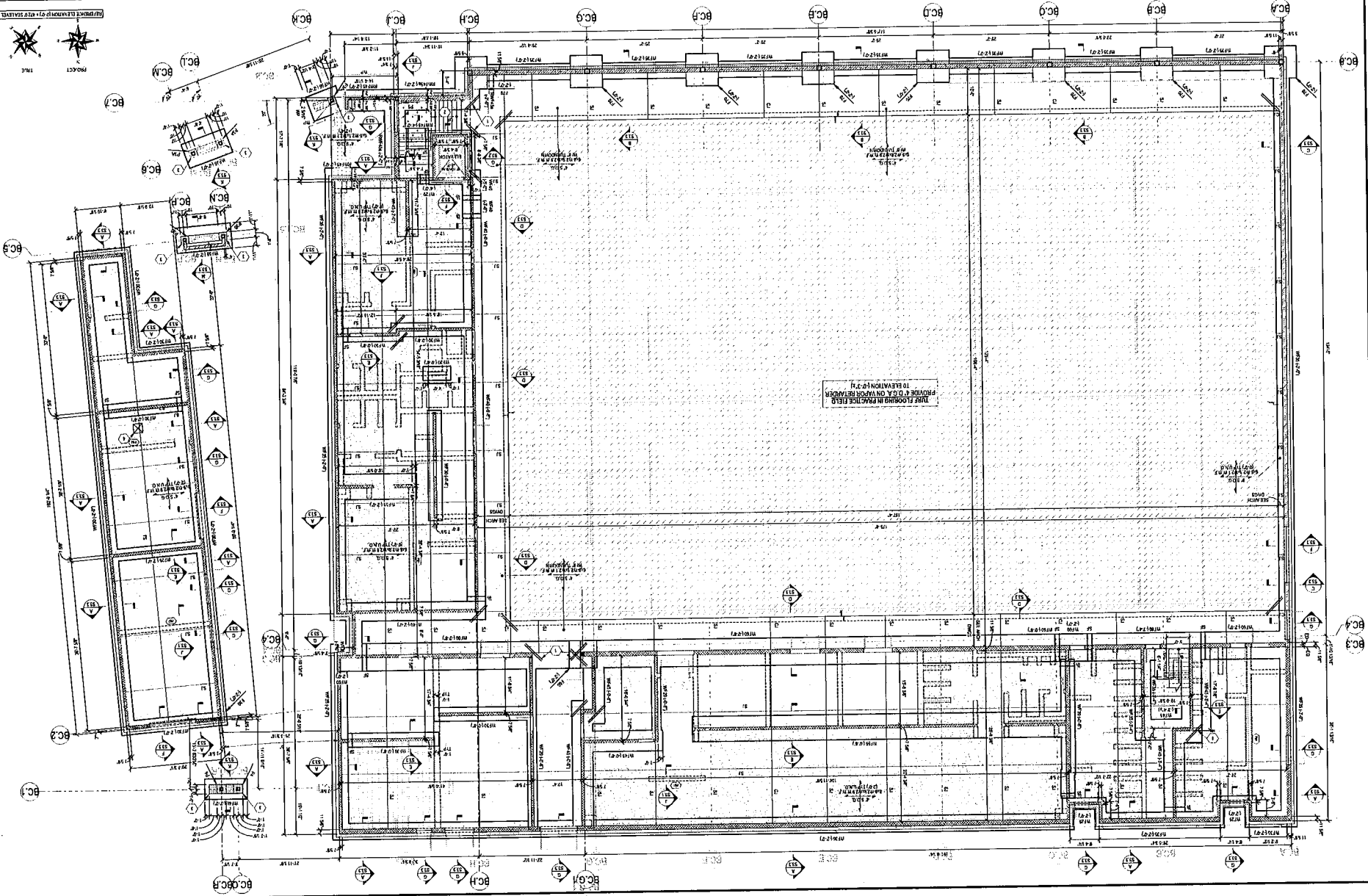
- [illegible]

- | QUESTION | ANSWER |
|--|--|
| 1. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 1. Monitor the patient's fluid intake and output. |
| 2. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 2. Monitor the patient's fluid intake and output. |
| 3. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 3. Monitor the patient's fluid intake and output. |
| 4. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 4. Monitor the patient's fluid intake and output. |
| 5. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 5. Monitor the patient's fluid intake and output. |
| 6. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 6. Monitor the patient's fluid intake and output. |
| 7. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 7. Monitor the patient's fluid intake and output. |
| 8. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 8. Monitor the patient's fluid intake and output. |
| 9. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 9. Monitor the patient's fluid intake and output. |
| 10. A patient with a history of chronic kidney disease is admitted to the hospital with a suspected urinary tract infection. The patient is on a low-protein diet. The nurse is monitoring the patient's fluid intake and output. Which of the following is the most appropriate action for the nurse to take? | 10. Monitor the patient's fluid intake and output. |

- COORDINATE LOCATION OF STAIRWELL WITH MECHANICAL
DRAWINGS. CONSTRUCT STAIR PRIOR TO ADJACENT WALL
FOOTING CONSTRUCTION SO AS TO NOT UNDERMINE FOOTINGS.

[illegible]

MARK	LENGTH	MOIST	MOIST	WET	WET
1.20	1.4	1.5	1.5	1.5	1.5
1.00	1.4	1.4	1.4	1.4	1.4
0.80	1.4	1.4	1.4	1.4	1.4
0.60	1.4	1.4	1.4	1.4	1.4
0.40	1.4	1.4	1.4	1.4	1.4
0.20	1.4	1.4	1.4	1.4	1.4
0.00	1.4	1.4	1.4	1.4	1.4



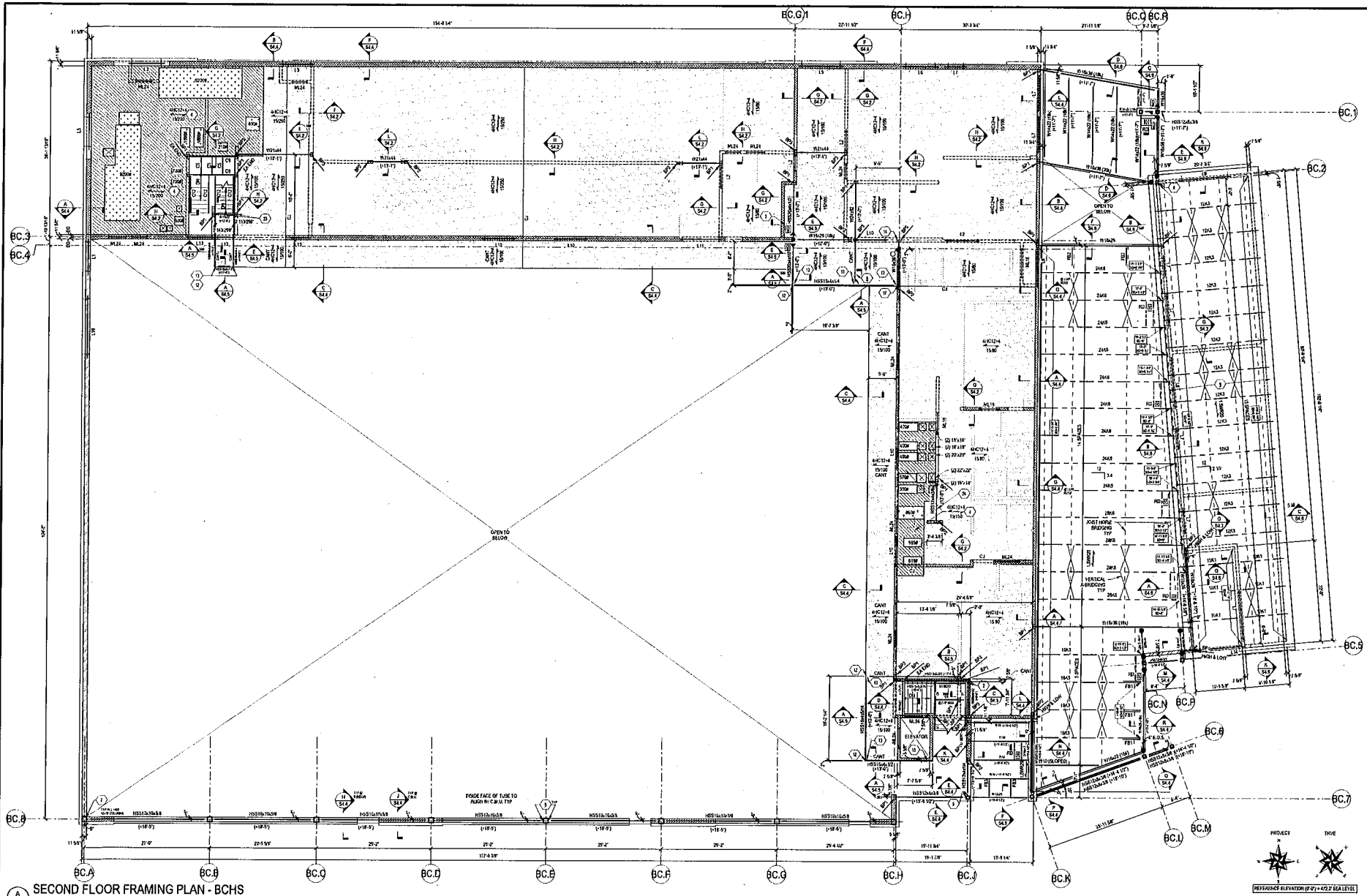
100% CONSTRUCTION DOCUMENTS - PROGRESS SET


FOUNDATION PLAN - BCHS
BCHS HIGH SCHOOL, PHYSICAL SCIENCE CENTERS
BULLITT COUNTY PUBLIC SCHOOLS
1617 COUNTY ROAD 100
SHERBORNDALE, KY 40381
2023-24
2023-24

BK **BROWN+KUBICAN**
STRUCTURAL ENGINEERS
800 S. Greenway, Suite 200, #200
Tulsa, OK 74106
Tel: 918.438.1100
Fax: 918.438.1101
www.bk-engineers.com

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studio werner architects
1231 S Shady St. Louisville, KY 40203
TEL 502-493-1107 FAX 502-493-1101



SECOND FLOOR FRAMING PLAN - BCHS

FRAMING PLAN NOTES

1. ELEVATIONS SHOWN ARE TO THE TOP OF STEEL AND ARE REFINISHED WITH FINISHED FLOOR TO FINISHED FLOOR ELEVATION (F-F).
2. FINISHED SECOND FLOOR ELEVATION IS 11'-0\"/>

FRAMING LEGEND

- 1. 1\"/>

- 1. TOP OF STEEL JOIST ELEVATION REFERENCED FROM FINISHED FIRST FLOOR FINISHED FLOOR ELEVATION (F-F).
- 2. COLLECTION OF JOIST CONNECTION TO MAIN FLOOR IS 8\"/>

- 1. C-CHANNEL BEAM SUPPORTED BY W-16\"/>

- 1. ROOF SLOPE.
- 2. SPECIAL DETAIL JOINT, SEE DET. 104.
- 3. 1\"/>

SECOND FLOOR & LOW ROOF FRAMING TAG NOTES

1. SEE DET. 104 FOR ANCHORAGE DETAIL.
2. SEE DET. 104 FOR TYPE 2 BEAM PLAN 1 CONT. PLAN.
3. IF CHIMNEY COSES IN MECH. PLAN AT MECHANICAL SHAFT, SEE DET. 104 FOR ANCHORAGE DETAIL.
4. MECHANICAL EQUIPMENT LOADS AND HOISTING AND LIFTING ARE REQUIRED IN LOADING.
5. SEE DET. 104 FOR BEAM TO COLUMN CONNECTION TOP, CORNER JOINTS SHOULD BE SUPPORTED BY DET. 104.
6. END OF BEAM OVER LAST 2\"/>

1. ELEVATION POST BEAM TO BE COORDINATE LOCATION & ELEVATION IN ELEVATION MANUFACTURER.
2. EXTEND BEAM THROUGH CHIMNEY WALL AND CONNECT TO CHIMNEY. SEE 1\"/>

100% CONSTRUCTION DOCUMENTS - PROGRESS SET

RELATIO ARCHITECTS
1221 Maple St. Louisville, KY 40203
502.581.1234 FAX 502.581.1235

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BROWN-KUBICAN
STRUCTURAL ENGINEERS
1000 W. Main St. Louisville, KY 40202
502.581.1234 FAX 502.581.1235

BCHS
BCHS HIGH SCHOOL PHYSICAL SCIENCE CENTERS
BULLITT COUNTY PUBLIC SCHOOLS
SHEPHERDSVILLE, MT WASHINGTON & HEBRON, KENTUCKY

BC 25-145

DATE: 06/09/2008
DRAWN BY: ALAN
CHECKED BY: JIM
REVISIONS:

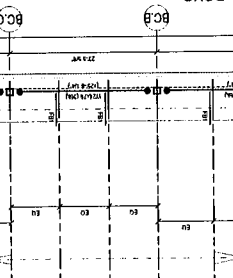
2023-50

BCHS
S2.12

FRAMING PLAN NOTES

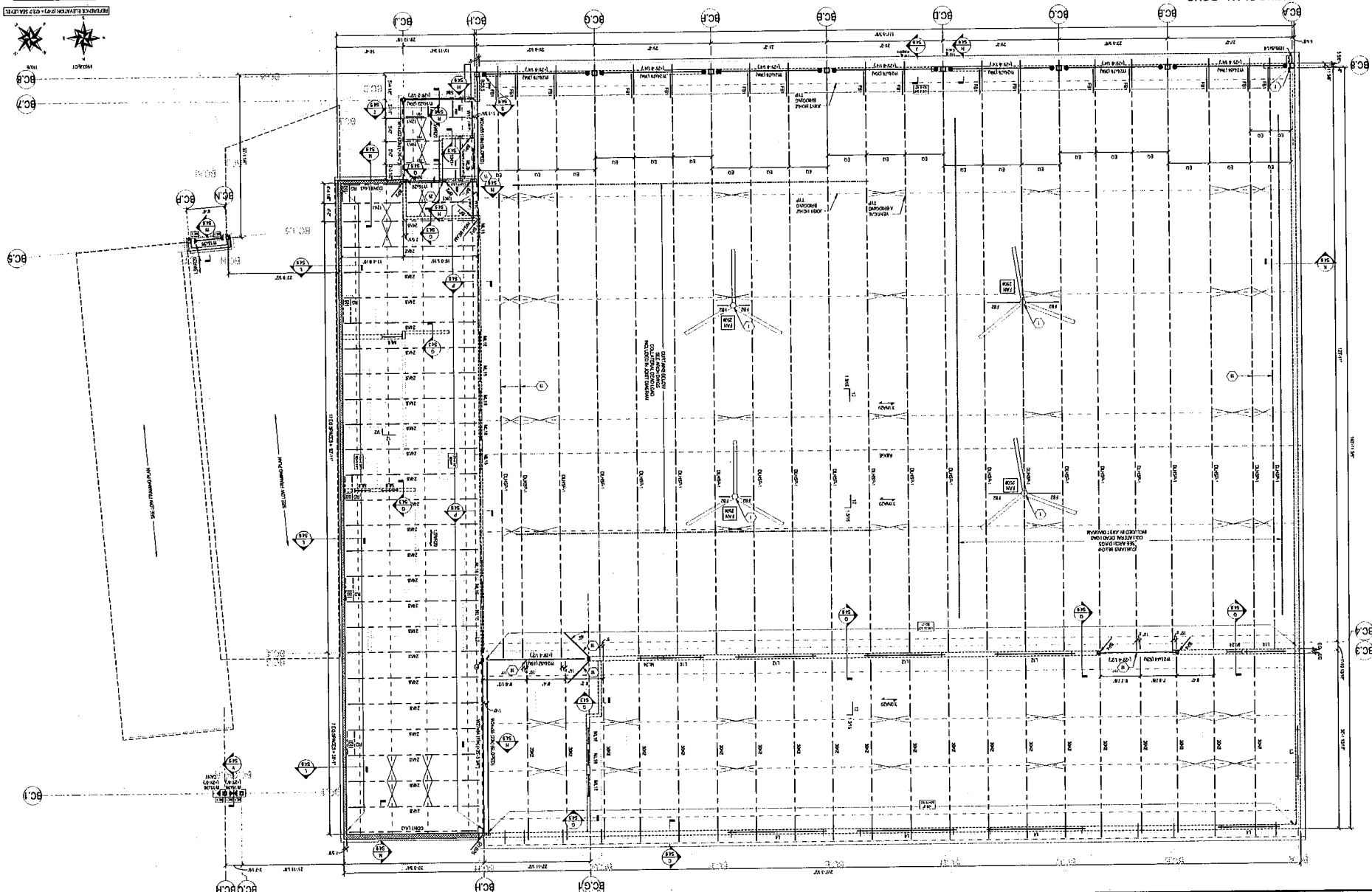
1. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
2. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
3. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
4. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
5. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
6. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
7. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
8. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
9. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.
10. ELEVATION SHOWN TO THE TOP OF STEEL AND WAS NOT ADJUSTED FOR WIND LOADS OR OTHER FACTORS.

FRAMING LEGEND



SECOND FLOOR & LOW ROOF FRAMING TAG NOTES

1. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
2. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
3. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
4. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
5. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
6. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
7. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
8. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
9. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES
10. SECOND FLOOR & LOW ROOF FRAMING TAG NOTES



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BCBS

2023-50

DATE: 25-145

BOYS HIGH SCHOOL, PHYSICAL SCIENCE CENTERS

BUILT COMMUNITY SERVICES

DESIGNED BY: JLM

DATE: 25-145

BC

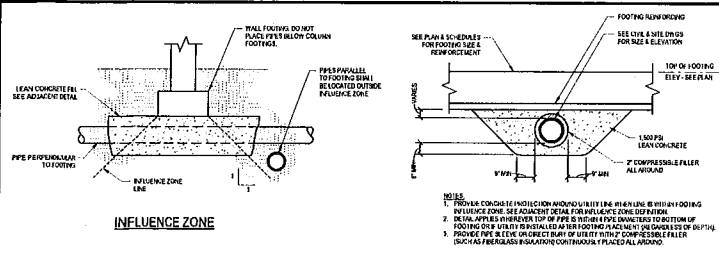
NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

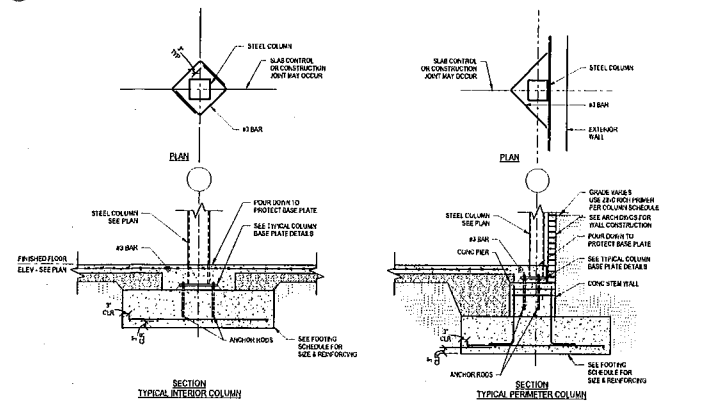
STUDIO

1231 S. SHAW ST. LOUIS, MO 63103

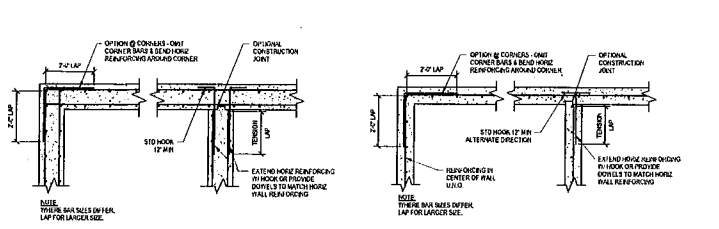
TEL: 502.451.1177 FAX: 502.451.1171



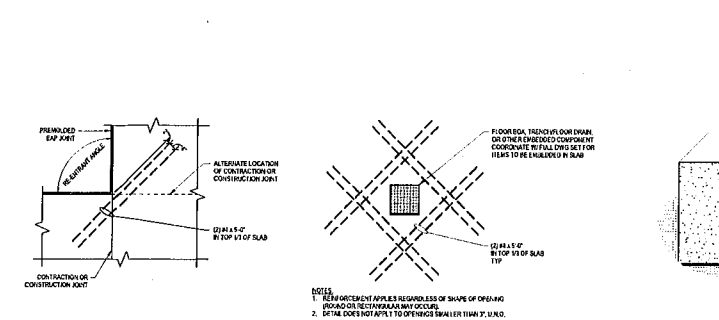
A 33.1 TYPICAL UTILITY LINE BELOW FOOTING DETAIL
NOT TO SCALE



D 33.1 TYPICAL STEEL COLUMN BASE PLATE SETTING DETAIL
12\"/>



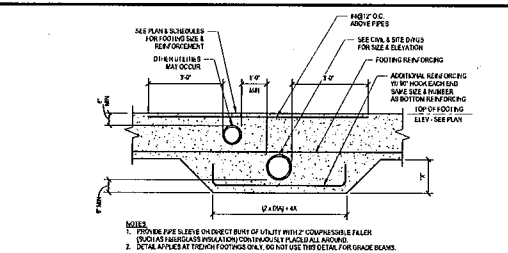
G 33.1 TYPICAL CONCRETE WALL REINFORCING DETAIL
NOT TO SCALE



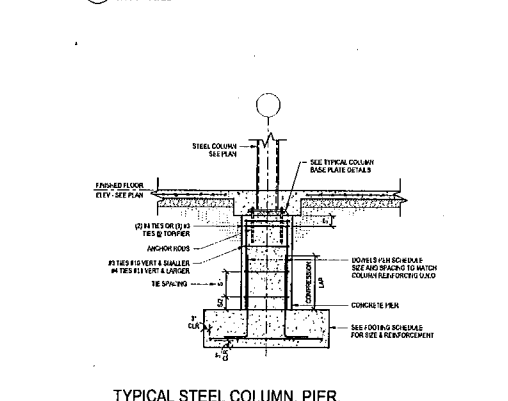
H 33.1 TYPICAL SLAB ON GRADE JOINT AT RE-ENTRANT CORNER
NOT TO SCALE



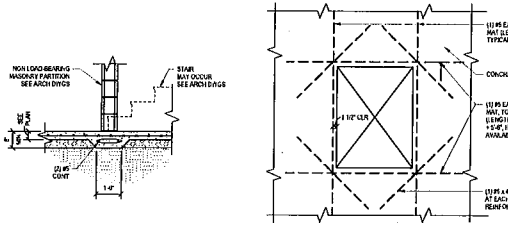
I 33.1 TYPICAL VAPOR RETARDER DETAILS
NOT TO SCALE



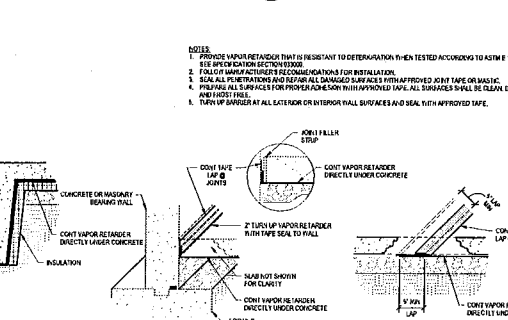
B 33.1 TYPICAL FOOTING PENETRATION/SLEEVE DETAIL
NOT TO SCALE



E 33.1 TYPICAL STEEL COLUMN, PIER, AND FOOTING DETAIL
NOT TO SCALE



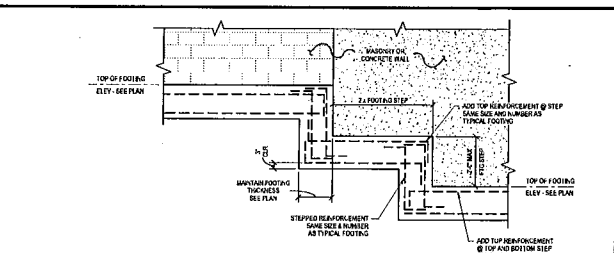
J 33.1 TYPICAL THICKENED SLAB BELOW MASONRY PARTITIONS
NOT TO SCALE



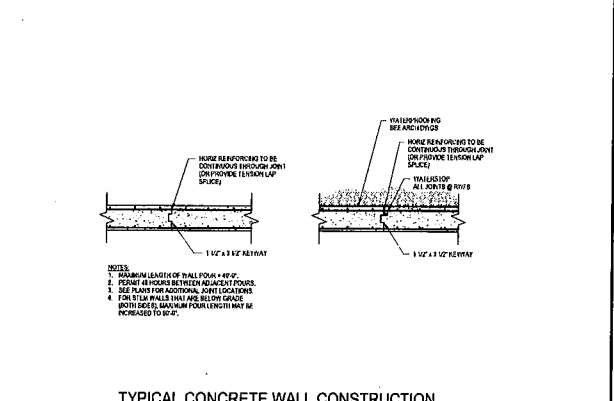
K 33.1 TYPICAL REINFORCING AT CONCRETE WALL OPENING DETAIL
NOT TO SCALE



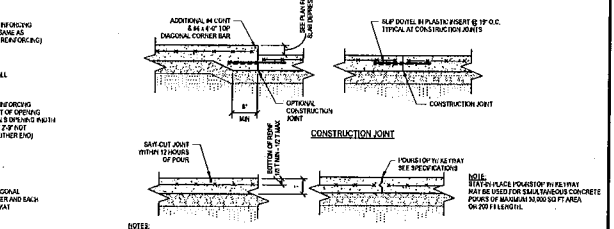
L 33.1 TYPICAL SLAB ON GROUND JOINT DETAIL
NOT TO SCALE



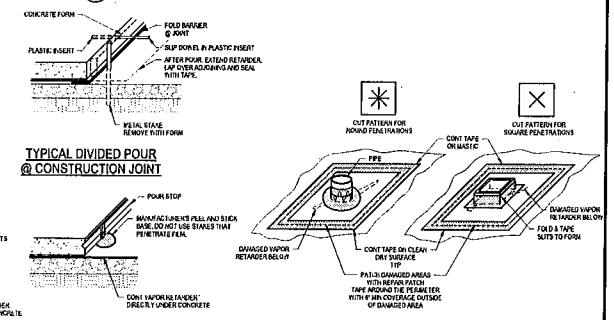
C 33.1 TYPICAL STEP FOOTING DETAIL
NOT TO SCALE



F 33.1 TYPICAL CONCRETE WALL CONSTRUCTION JOINT DETAIL
NOT TO SCALE



M 33.1 TYPICAL DIVIDED POUR @ CONSTRUCTION JOINT
NOT TO SCALE

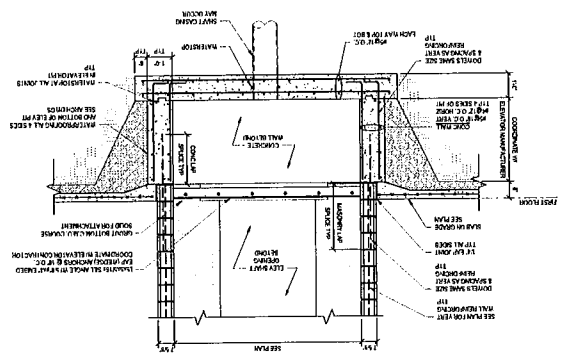


N 33.1 TYPICAL PIPE REPAIR
NOT TO SCALE

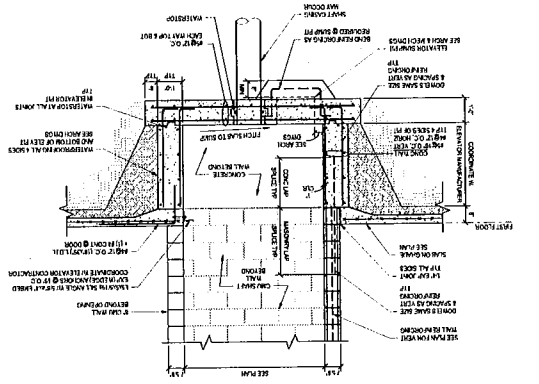


O 33.1 TYPICAL RECTANGULAR REPAIR
NOT TO SCALE

8 TYPICAL ELEVATOR PIT SECTION



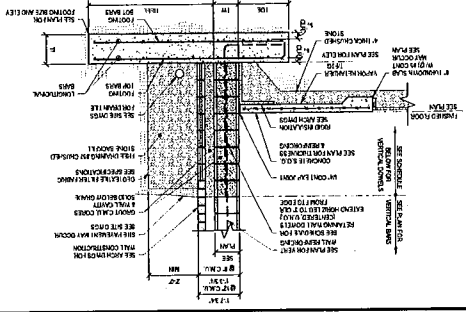
9 ELEVATOR PIT SECTION @ DOOR



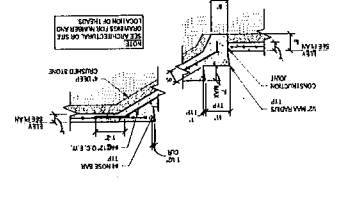
10 TYPICAL RETAINING WALL FOOTING DETAIL

RETAINING WALL SCHEDULE

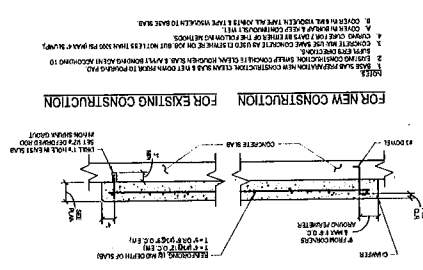
NO.	DESCRIPTION	THICKNESS	FOOTING	REINFORCING
1	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
2	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
3	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
4	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
5	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
6	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
7	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
8	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
9	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
10	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
11	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
12	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
13	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
14	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
15	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
16	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
17	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
18	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
19	RETAINING WALL	12"	18"	4#4 @ 12" O.C.
20	RETAINING WALL	12"	18"	4#4 @ 12" O.C.



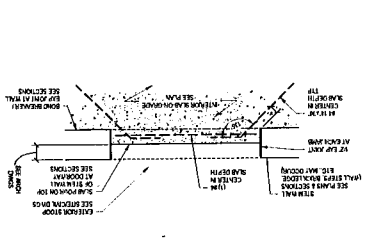
11 TYPICAL CONCRETE STAIR



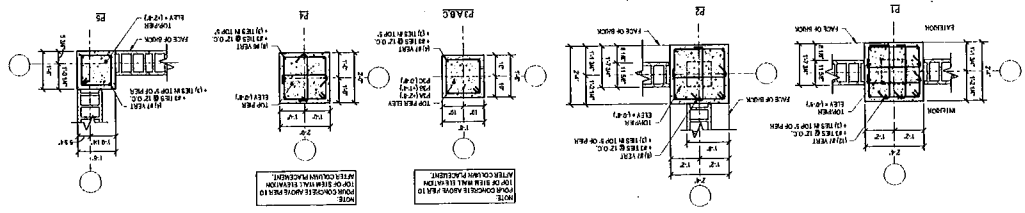
12 TYPICAL MECHANICAL HOUSEKEEPING PAD DETAIL

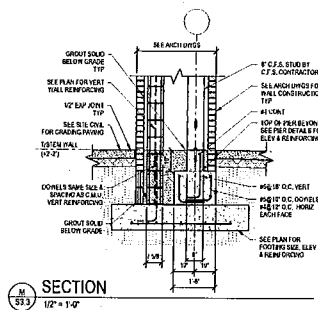
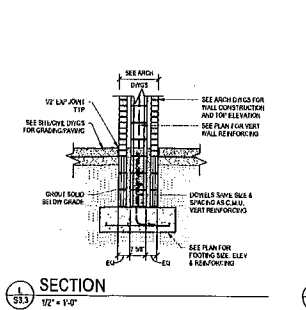
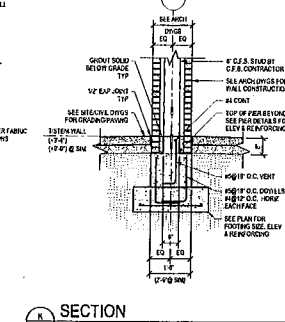
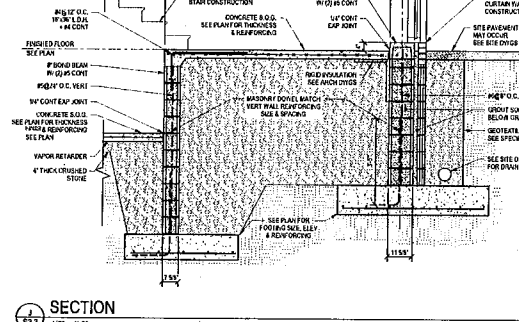
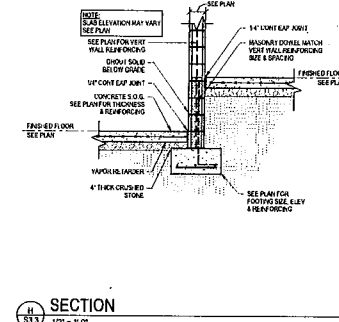
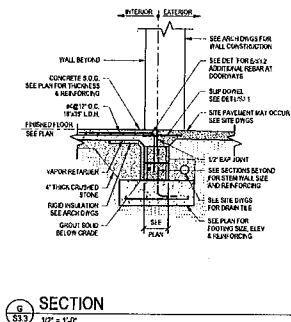
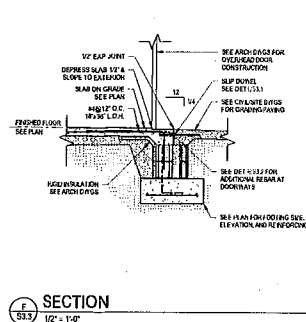
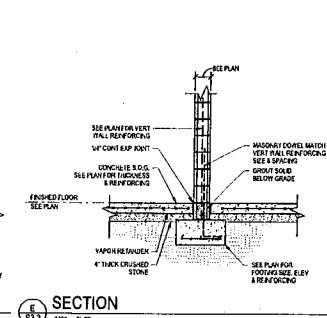
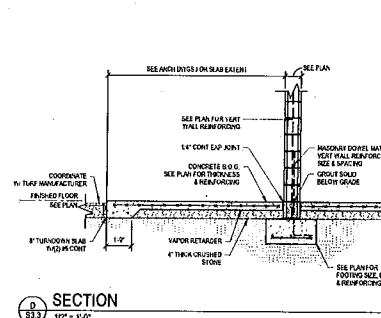
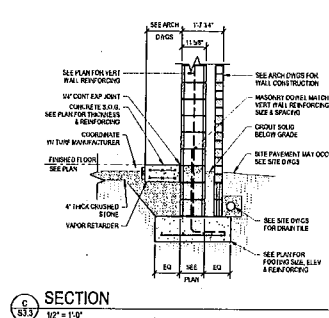
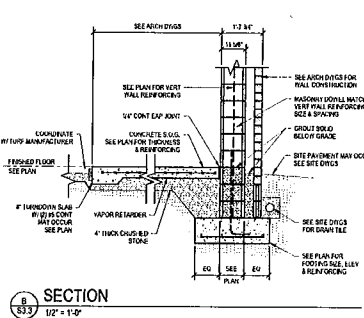
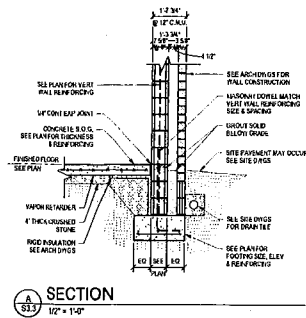


13 TYPICAL SLAB-ON-GRADE REINFORCING AT EXTERIOR DOOR DETAIL



14 PIER DETAILS





100% CONSTRUCTION DOCUMENTS - PROGRESS SET

FOUNDATION DETAILS
BCPS HIGH SCHOOL PHYSICAL SCIENCE CENTERS
BULLITT COUNTY PUBLIC SCHOOLS
SHEPHERDSTOWN, KY WASHINGTON & HERBON, KENTUCKY

DATE: 04/20/2023
DRAWN BY: ALAN
CHECKED BY: ALAN
REVISIONS:

2023-50

S3.3

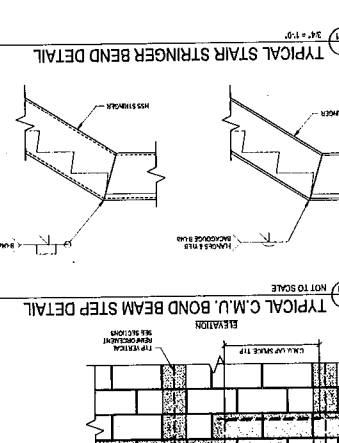
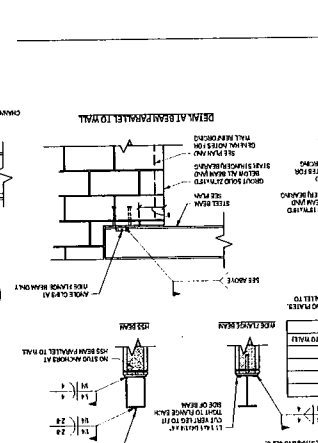
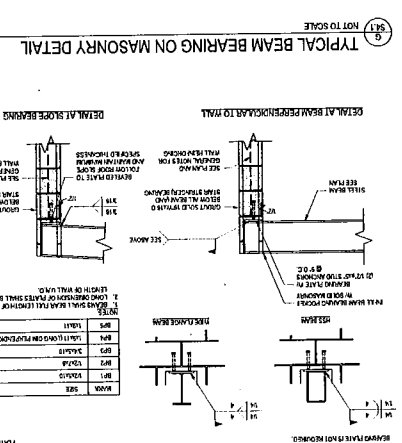
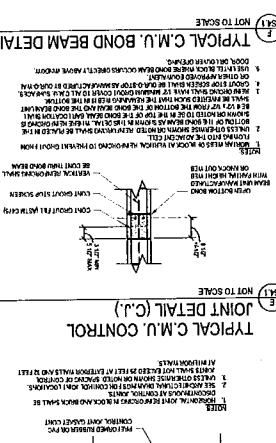
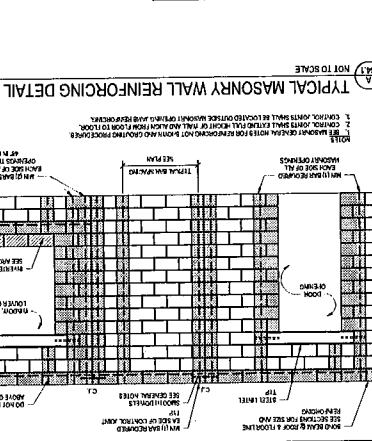
BROWN-KUBICAN
STRUCTURAL ENGINEERS
INCORPORATED
1000 WEST MAIN STREET
SHEPHERDSTOWN, KY 40361
TEL: 502.686.1100 FAX: 502.686.1101

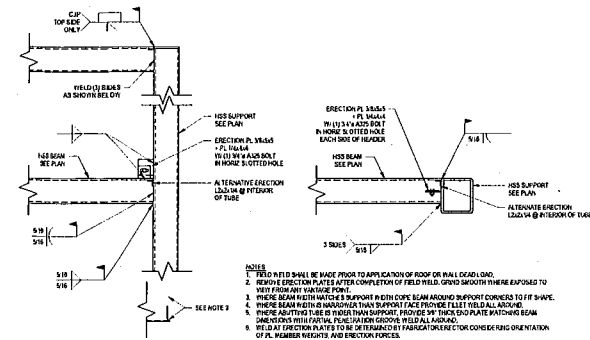
NOT FOR CONSTRUCTION

NOT FOR CONSTRUCTION

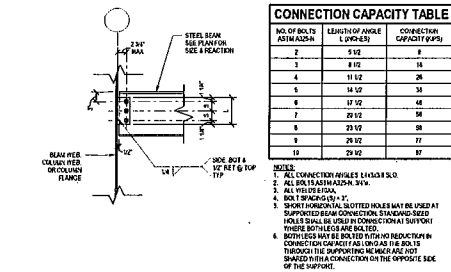
STUDIO INTERIOR ARCHITECTS
1201 S. SHAW ST. LOUISVILLE, KY 40203
TEL: 502.581.1000 FAX: 502.581.1001

FIGURE 1. DETAILS OF THE TEST SPECIMENS

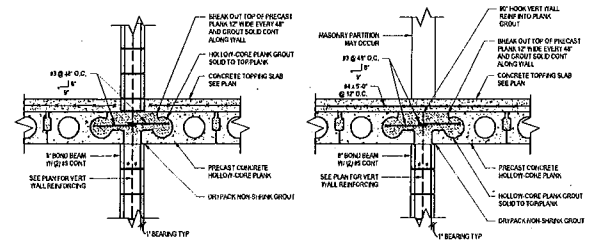




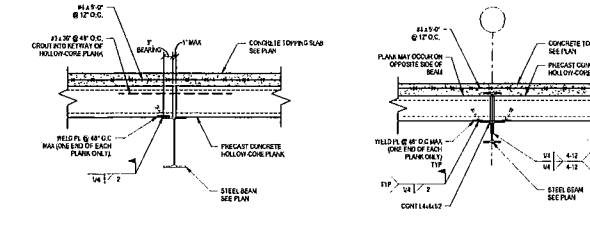
34.2 TYPICAL TUBE TO TUBE CONNECTION DETAIL
NOT TO SCALE



34.2 TYPICAL SINGLE ANGLE SHEAR CONNECTION DETAIL
NOT TO SCALE

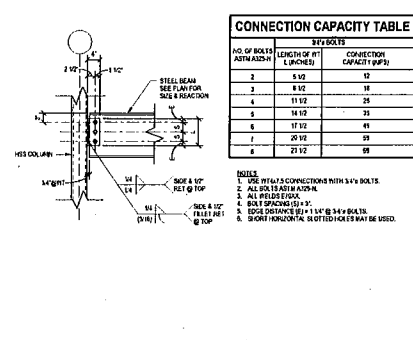


34.2 TYPICAL PRECAST SLAB SIDE BEARING ON INTERIOR WALL
NOT TO SCALE

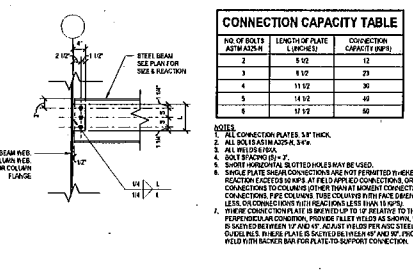


34.2 TYPICAL PRECAST SLAB END BEARING ON STEEL BEAM DETAIL
NOT TO SCALE

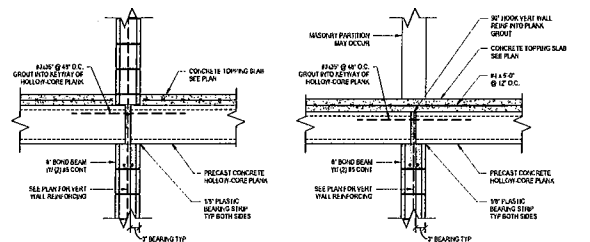
34.2 TYPICAL PRECAST SLAB END BEARING ON EMBEDDED STEEL BEAM
NOT TO SCALE



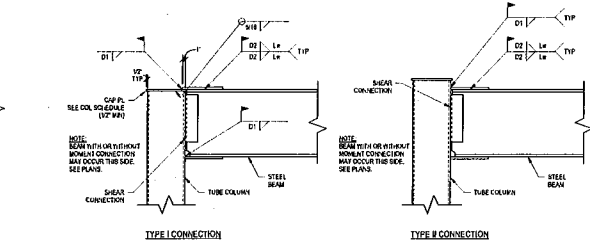
34.2 TYPICAL WT SHEAR CONNECTION DETAIL
NOT TO SCALE



34.2 TYPICAL SINGLE PLATE SHEAR CONNECTION DETAIL
NOT TO SCALE



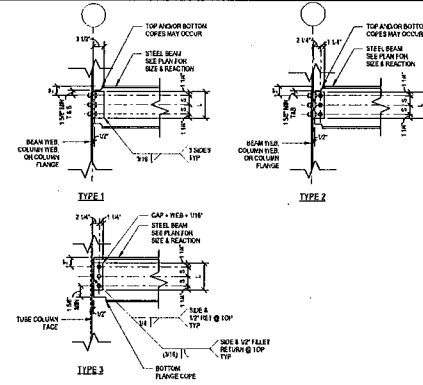
34.2 TYPICAL PRECAST SLAB END BEARING ON INTERIOR WALL DETAIL
NOT TO SCALE



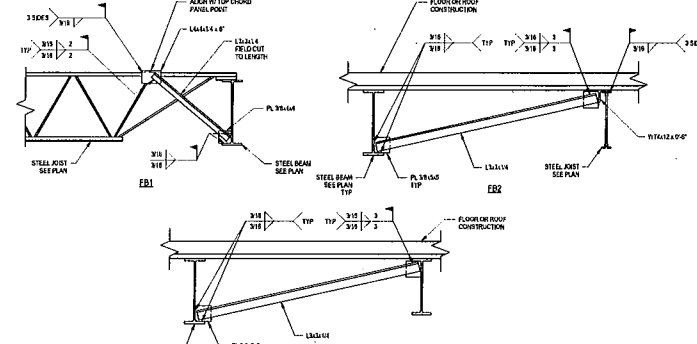
34.2 TYPICAL MOMENT CONNECTION DETAILS
NOT TO SCALE

CONNECTION CAPACITY TABLE		
NO. OF BOLTS	LENGTH OF PLATE (INCHES)	CONNECTION CAPACITY (KIPS)
2	8 1/2	12
4	11 1/2	24
6	14 1/2	36
8	17 1/2	48
10	20 1/2	60

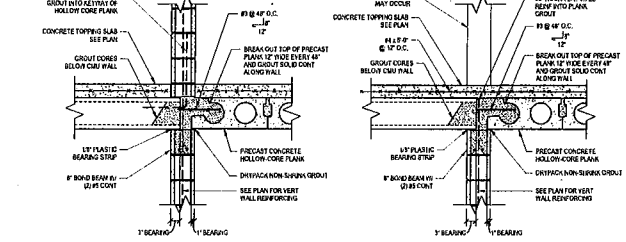
NOTES:
1. USE WITH 3 CONNECTIONS WITH 3/4\"/>



34.2 TYPICAL DOUBLE ANGLE SHEAR CONNECTION DETAIL
NOT TO SCALE



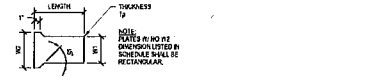
34.2 TYPICAL FLANGE BRACE DETAIL
NOT TO SCALE



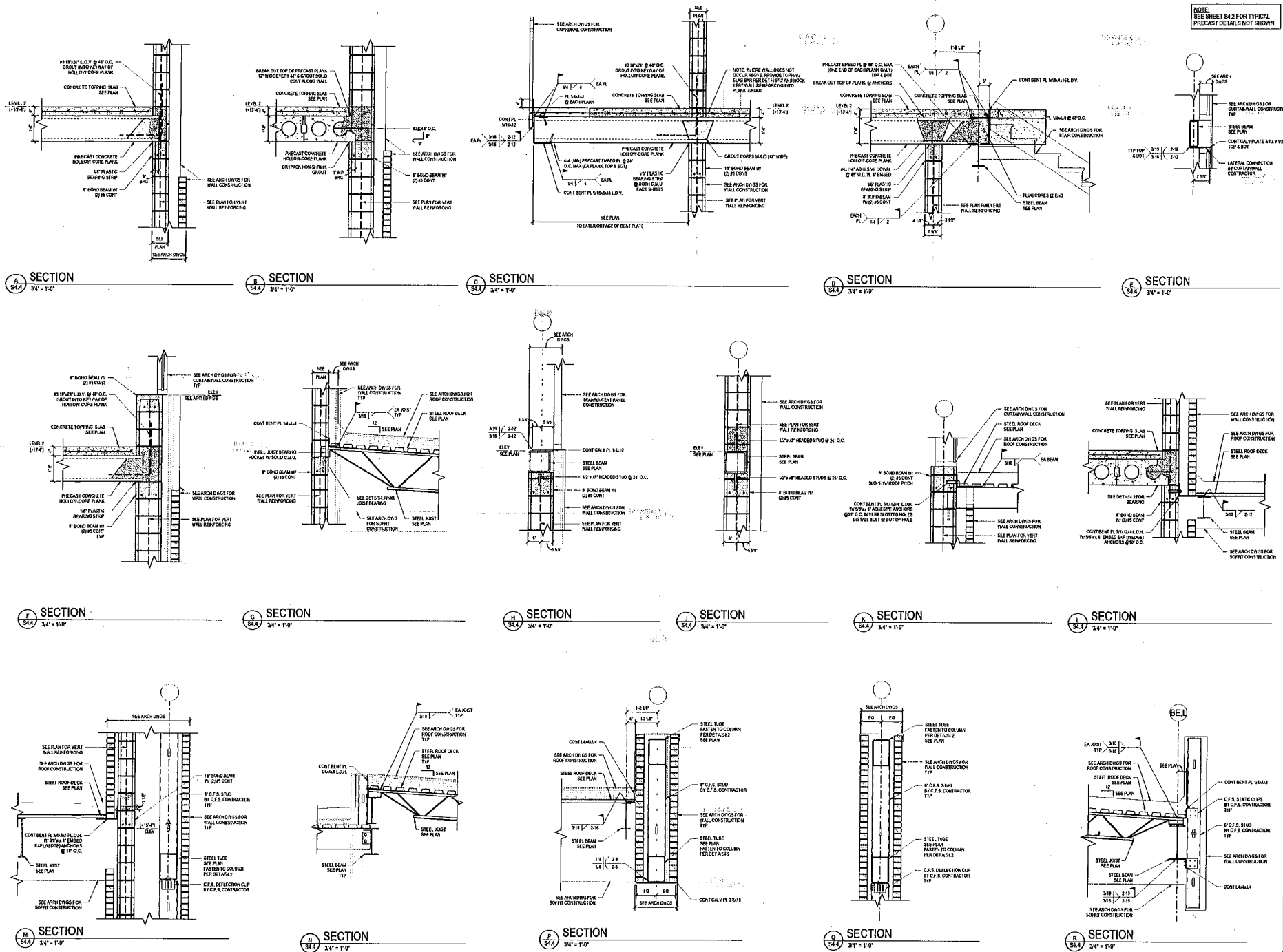
34.2 TYPICAL PRECAST SLAB SIDE/END BEARING ON INTERIOR WALL DETAIL
NOT TO SCALE

MOMENT CONNECTION SCHEDULE									
MARK	CONNECTION TYPE	TOP FLANGE PLATE				BOTTOM FLANGE PLATE			
		Tp	W1	W2	LENGTH	Tb	W1	W2	LENGTH
M01	1	1/2	8	8	8	1/2	8	8	8
M02	2	1/2	8	8	8	1/2	8	8	8
M03	3	1/2	8	8	8	1/2	8	8	8

NOTES:
1. ALL CONNECTIONS IN CONNECTION WITH YIELD LINE CONNECTIONS SHALL BE REINFORCED USING BRACING AND CONSIDERATIONS WITH CONNECTION THAT YIELDING SURFACE SHALL BE PREPARED AS A SLIP CRITICAL JOINT.

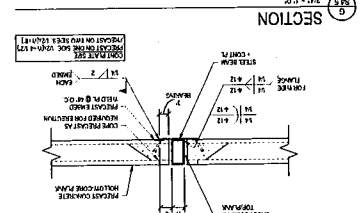
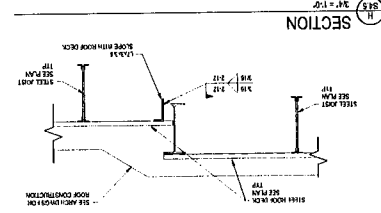
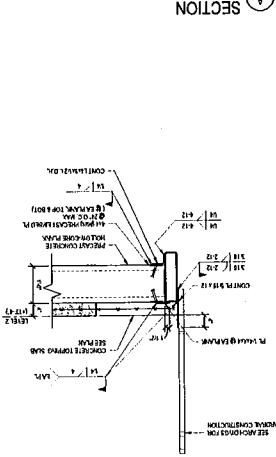
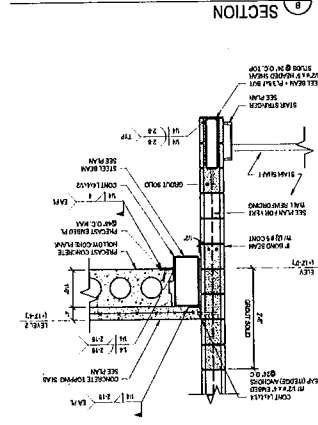
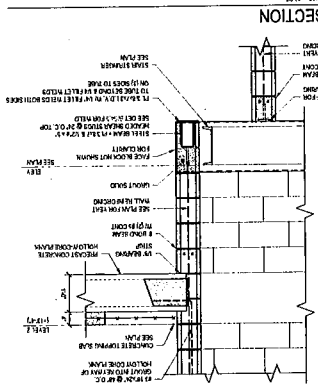
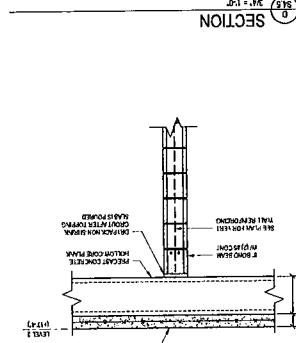
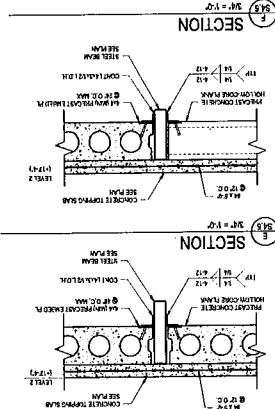


34.2 TYPICAL FLANGE PLATE
NOT TO SCALE



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NOTE:
PRECAST DETAILS NOT SHOWN.
SEE SHEET S4.2 FOR TYPICAL



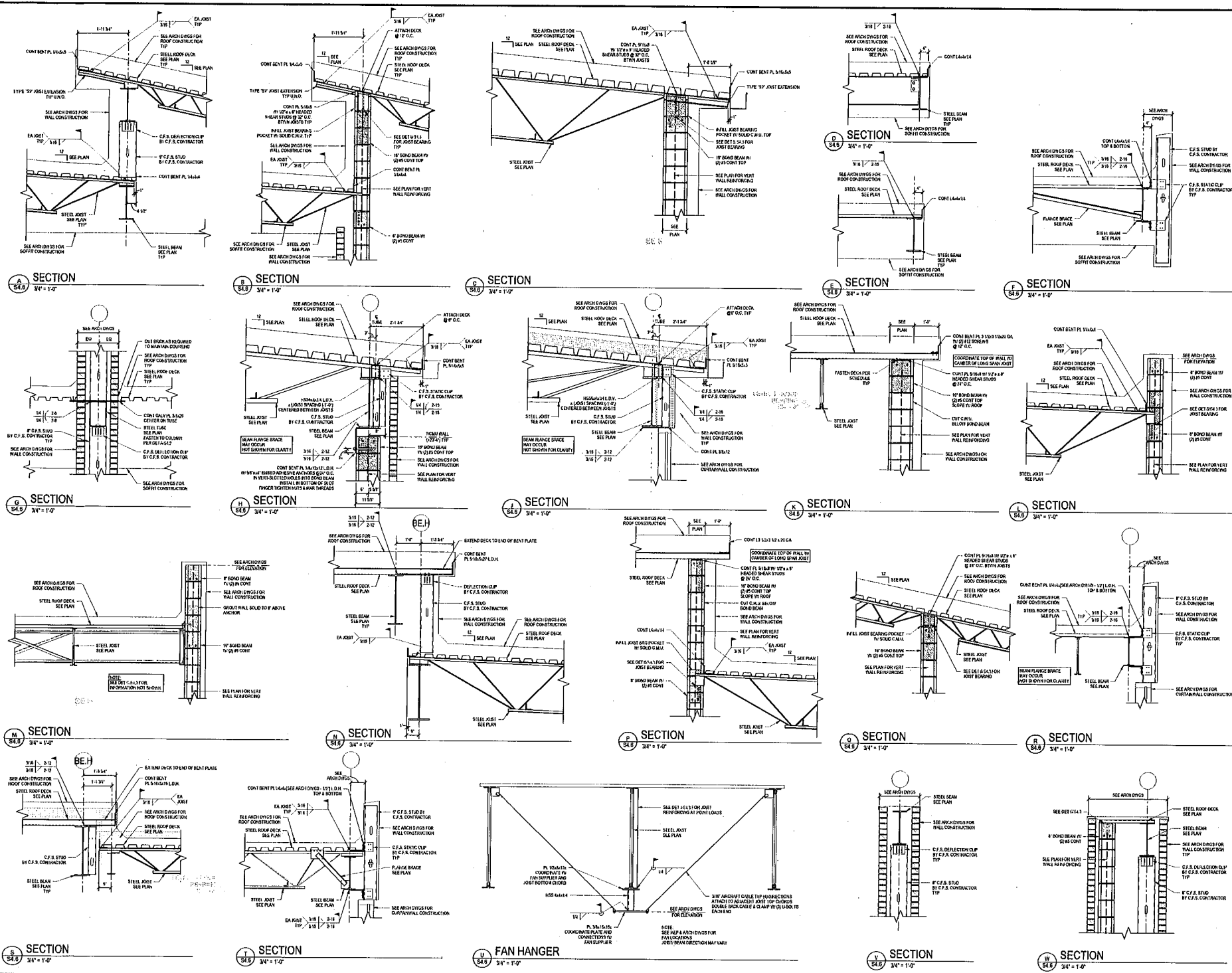


BGM 25-145

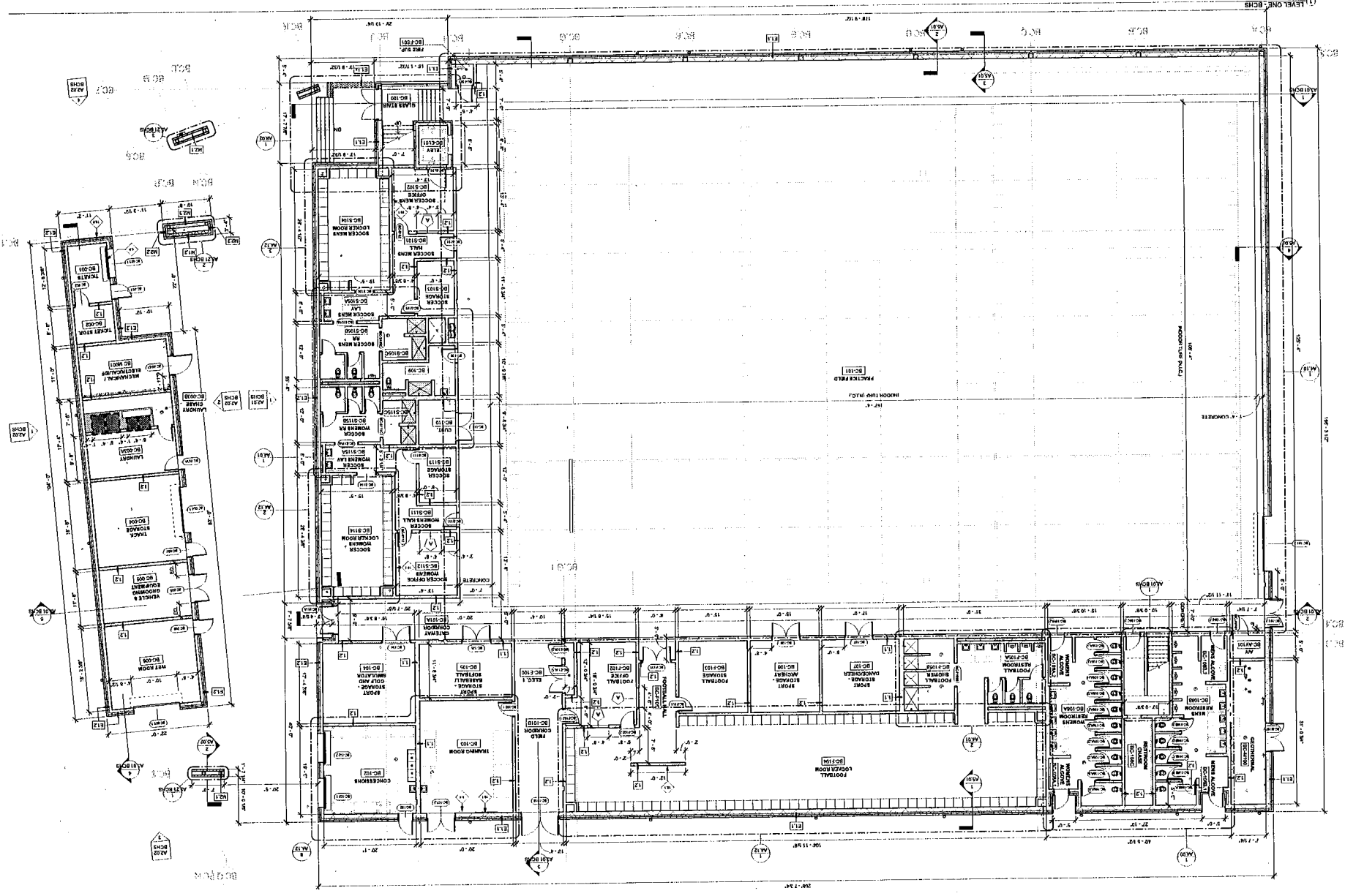
2023-50

S4.6

FRAMING DETAILS

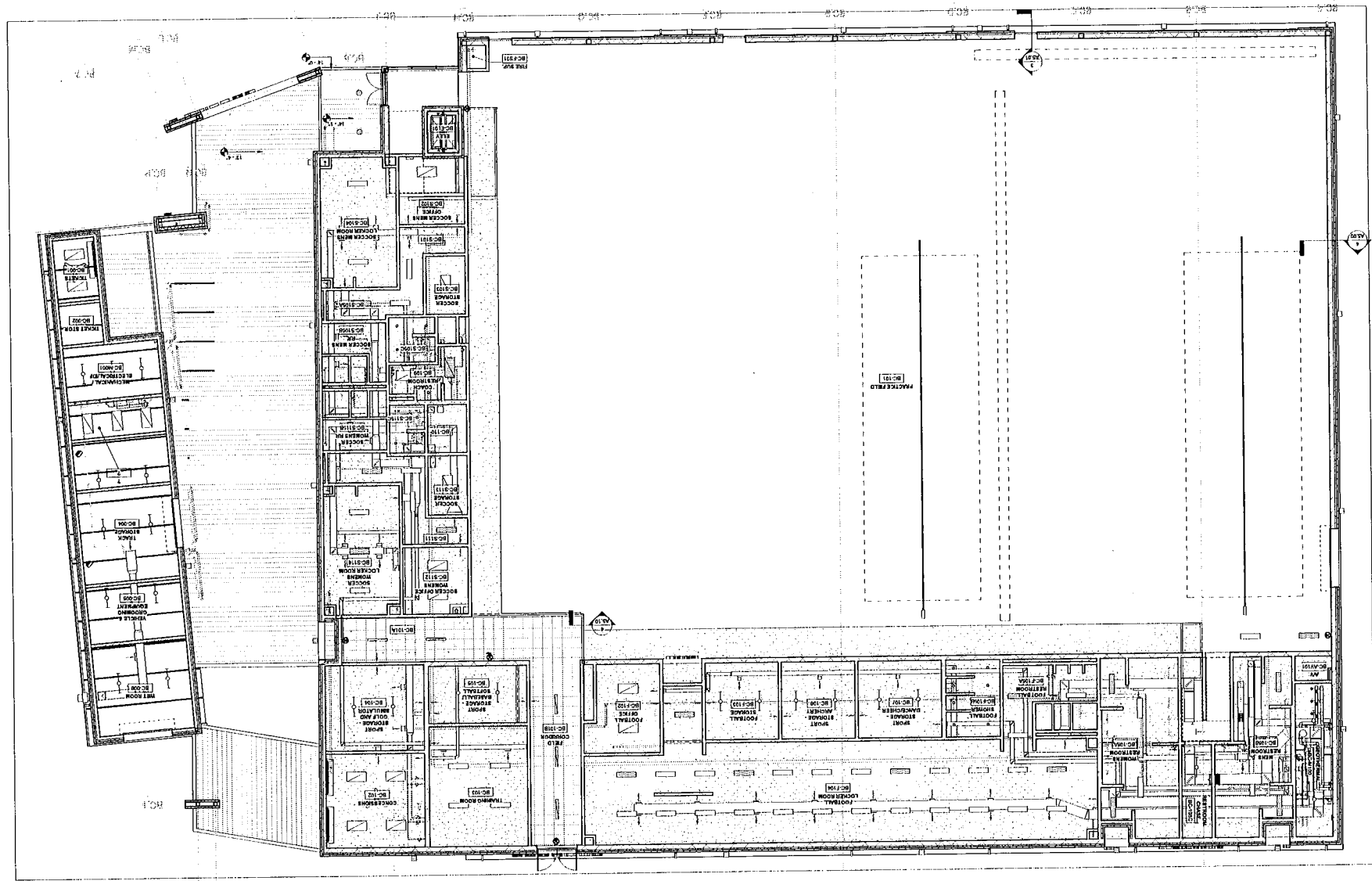


**RATED WALL AND
PARTITION TYPES:**



KEYNOTE LEGEND
1. CO-ORDINATE WITH OTHER DRAWINGS FOR ROOMS TO BE REMOVED OR MODIFIED.
2. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
3. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
4. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
5. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
6. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
7. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
8. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
9. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.
10. ROOMS TO BE REMOVED OR MODIFIED SHALL BE INDICATED BY A DASHED LINE.

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KEYNOTE LEGEND

[illegible]

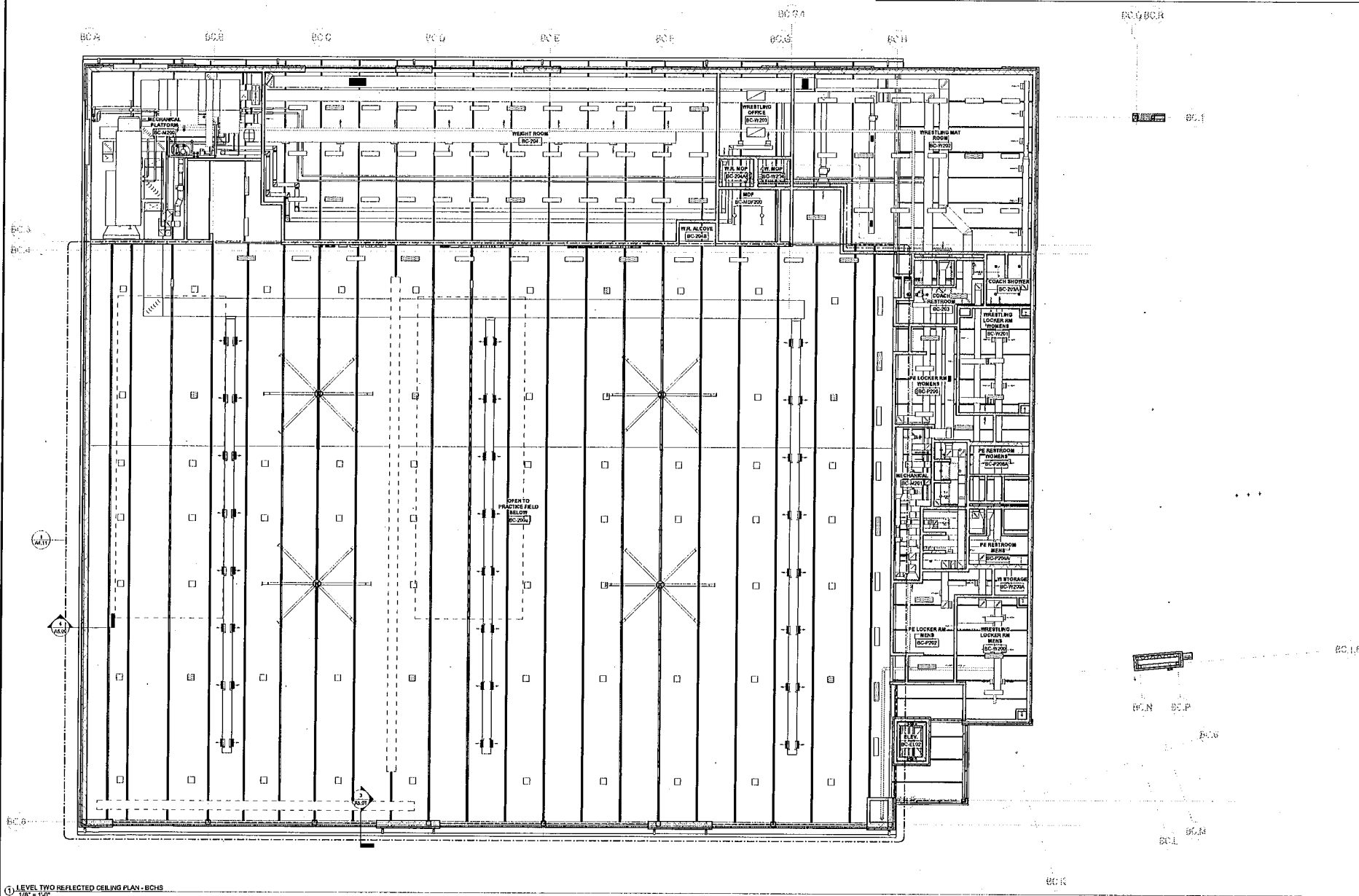
GENERAL CEILING NOTES:

- A. CEILING ITEMS ARE SHOWN FOR CONFORMANCE. CONNECTION SHALL BE REFINISHED AND REFINISHED TO MATCH THE FINISH OF THE ADJACENT WALLS.
- B. CEILING JOISTS SHALL BE COMPLETED AS SHOWN AND AT EQUAL OR BETTER QUALITY THAN THE WALLS AND FLOORS.
- C. CEILING SHALL BE COMPLETED AS SHOWN AND AT EQUAL OR BETTER QUALITY THAN THE WALLS AND FLOORS.
- D. CEILING SHALL BE COMPLETED AS SHOWN AND AT EQUAL OR BETTER QUALITY THAN THE WALLS AND FLOORS.
- E. ALL JOINTS AND CORNERS SHALL BE REFINISHED TO MATCH THE FINISH OF THE ADJACENT WALLS.

SYMBOL	DESCRIPTION
	AC 2.2 SUSPENDED ACOUSTIC PANEL CEILING SYSTEM REFER TO FINISH SCHEDULE FOR ACCT 17783
	EXPOSED CONCRETE FLOOR FLOOR SLAB
	EXPOSED METAL ROOF DECK
	METAL SOFFIT PANEL
	OPEN TO STRUCTURE

CEILING LEGEND

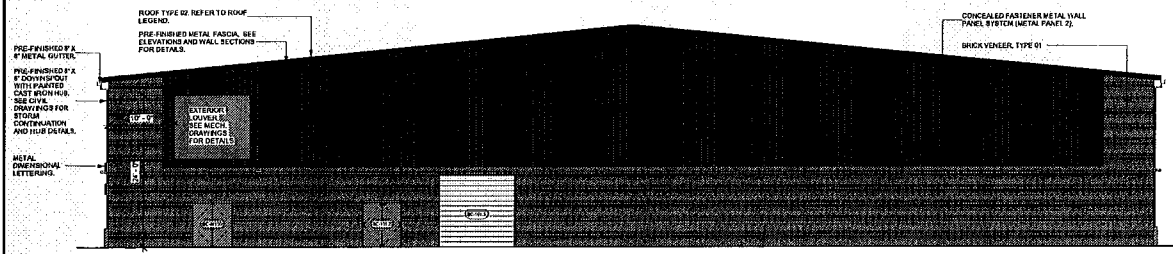
- | SYMBOL | DESCRIPTION |
|---|---|
|  | ACT Z X Z SUSPENDED ACOUSTIC PANEL CEILING SYSTEM, REFER TO FINISH SCHEDULE FOR ACT TYPES |
|  | EXPOSED CONCRETE PLANK FLOOR SLAB |
|  | EXPOSED METAL ROOF DECK |
|  | METAL SOFFIT PANEL |
| O.J.R. | OPEN TO STRUCTURE |



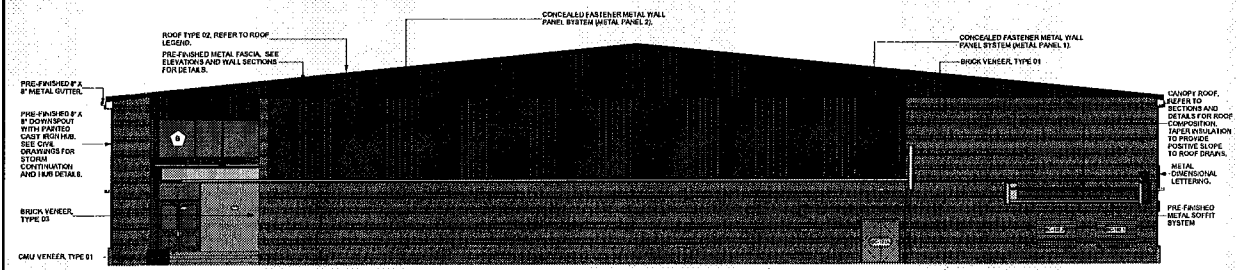
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BULLITT CENTRAL FIELD HOUSE METAL PANEL / SIDING TYPES	
METAL PANEL 1:	BASIS OF DESIGN: METAL SALES SIZE: 60" X 8'6" PROFILE WITH 1" RIB HEIGHT PANEL COVERAGE: 10" STYLE: EM-1003 COLOR: CRYSTAL
METAL PANEL 2:	BASIS OF DESIGN: METAL SALES SIZE: 60" X 8'6" PROFILE WITH 1" RIB HEIGHT PANEL COVERAGE: 10" STYLE: EM-1003 COLOR: BRONZETONE

BULLITT CENTRAL FIELD HOUSE MASONRY VENEER LEGEND	
BULLITT CENTRAL BRICK VENEER TYPE 1:	BASIS OF DESIGN: REDDEN SIZE: MODULAR COLOR: CHERRY VELLOR
BULLITT CENTRAL SLAB VENEER TYPE 2:	BASIS OF DESIGN: REDDEN OR AZED (SHOWN SHADO) SIZE: STANDARD COLOR: CRANBERRY
BULLITT CENTRAL SLAB VENEER TYPE 3:	BASIS OF DESIGN: REDDEN OR AZED (SHOWN SHADO) SIZE: STANDARD COLOR: VINTAGE GRAY
BULLITT CENTRAL SLAB VENEER TYPE 4:	BASIS OF DESIGN: REDDEN OR AZED (SHOWN SHADO) SIZE: STANDARD COLOR: VINTAGE GRAY



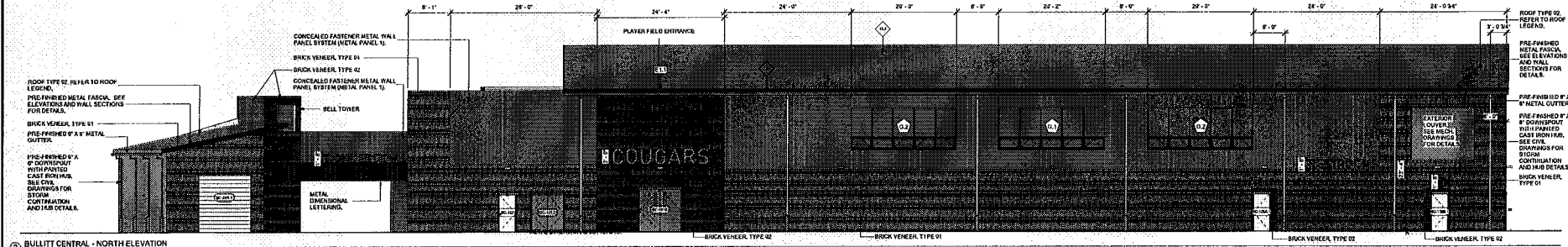
② BULLITT CENTRAL - WEST ELEVATION
1/8" = 1'-0"



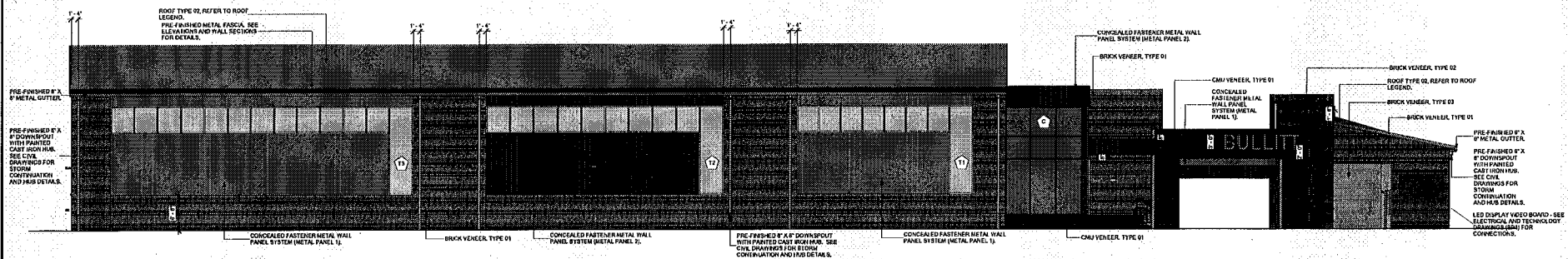
① BULLITT CENTRAL - EAST ELEVATION
1/8" = 1'-0"



③ BCHS - Perspective - Main Gateway Entrance



② BULLITT CENTRAL - NORTH ELEVATION
1/8" = 1'-0"



③ BULLITT CENTRAL - SOUTH ELEVATION
1/8" = 1'-0"

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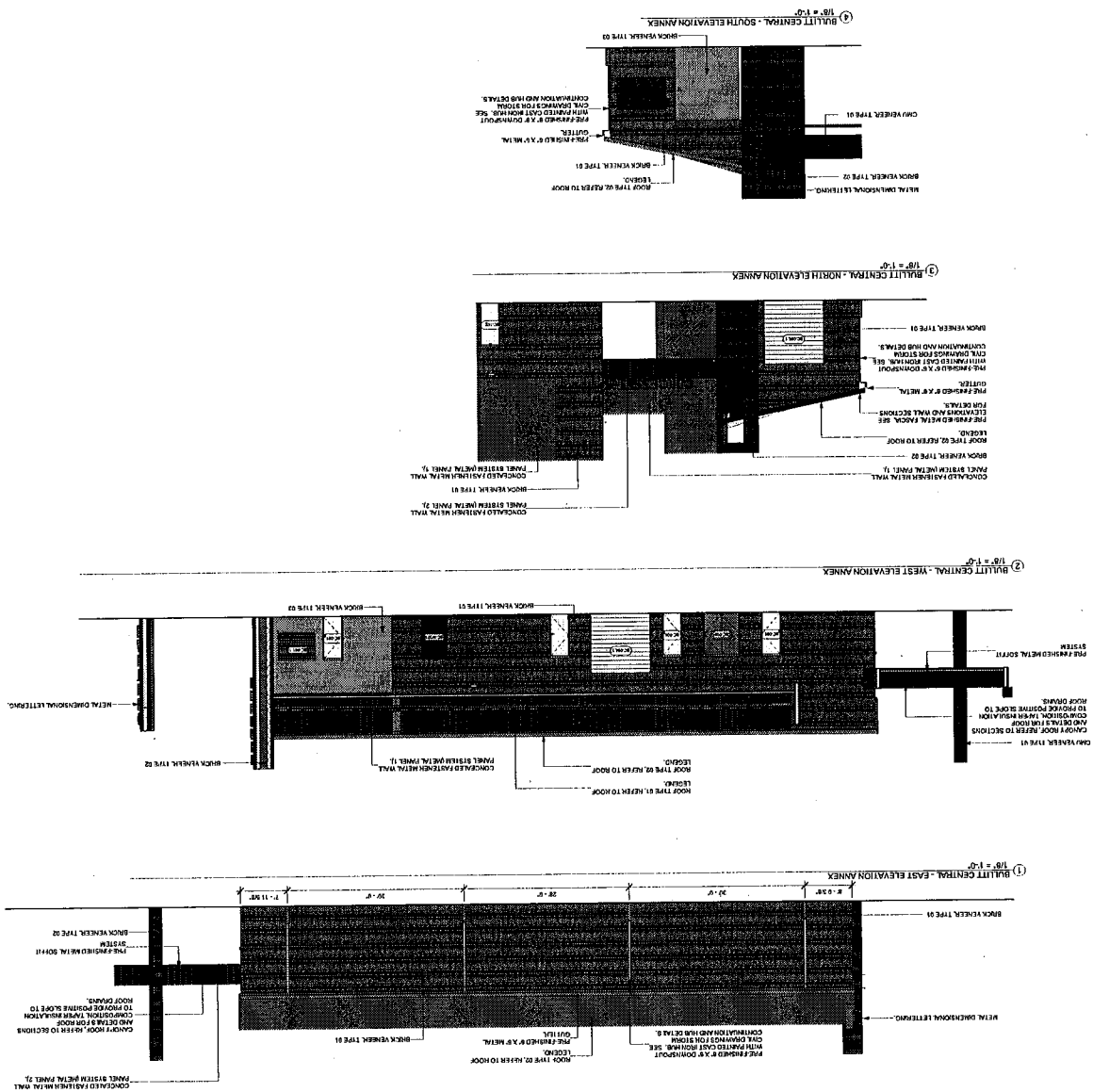
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT CENTRAL FIELD HOUSE
DESIGN

DATE: 05.26.2020
DRAWN BY: SJC/KM
CHECKED BY: SJA
REVISIONS:

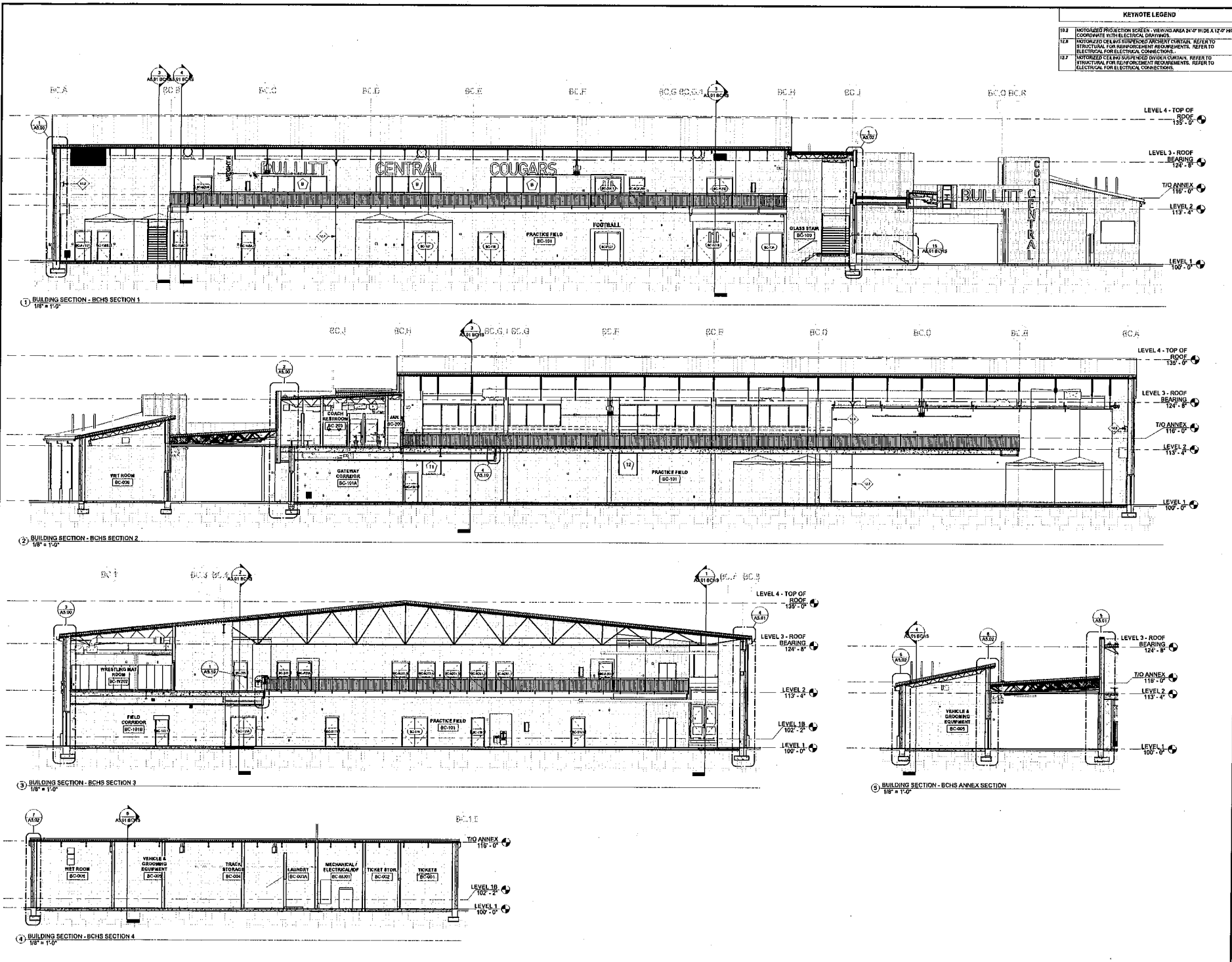
2023-50.1

A2.01
BCHS

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METAL PANEL 1 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 2 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 3 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 4 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 5 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 6 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 7 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS	METAL PANEL 8 BUILT CENTRAL FIELD HOUSE METAL PANEL / BUILDING TOPS
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BUILDING SECTIONS - BULLITT
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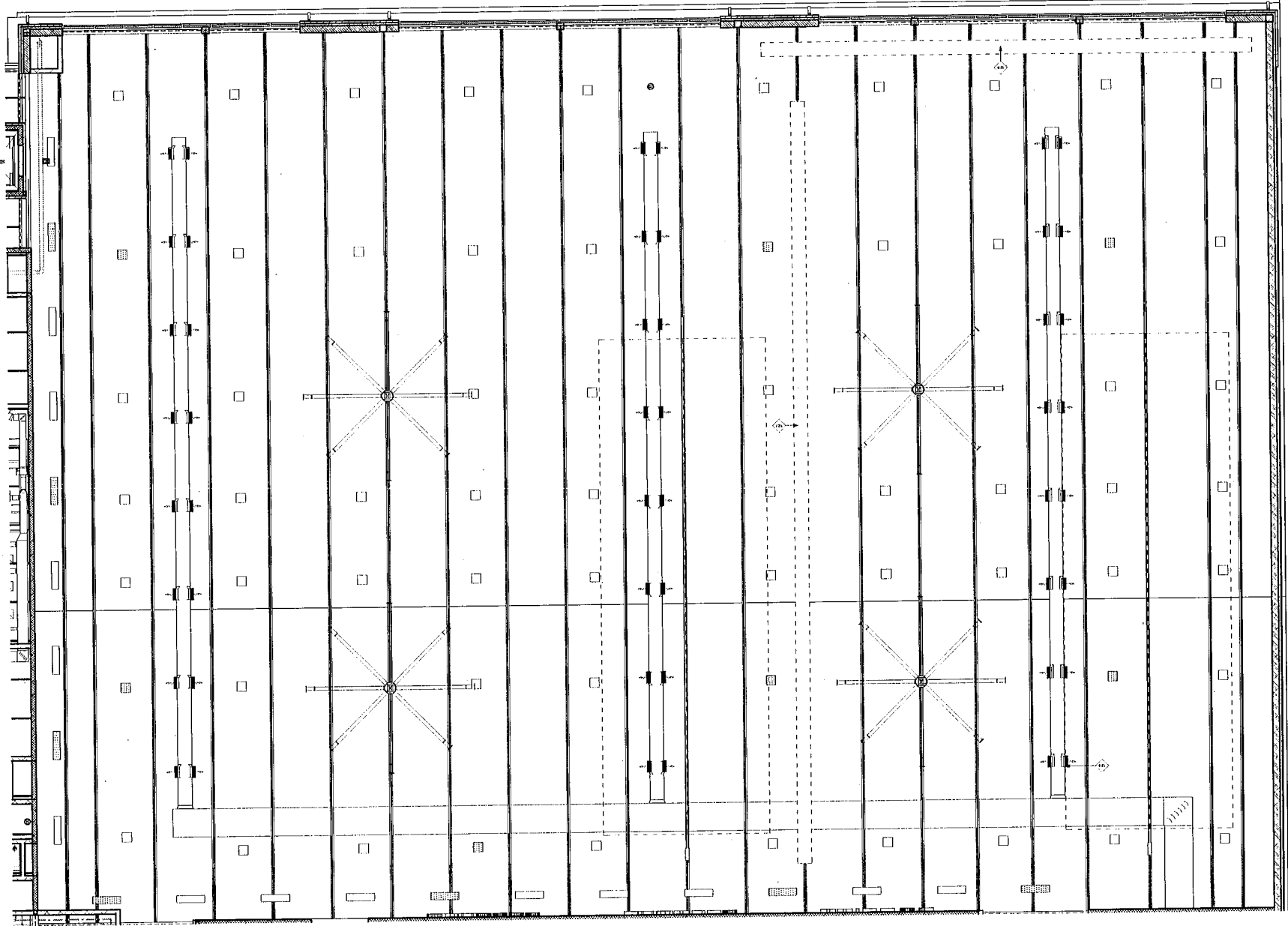
DATE: 09.03.2023
DRAWN BY: SBC/CH
CHECKED BY: SBC/CH
REVISIONS:

2023-50.1

A3.01
BCHS

BC
MOVING FORWARD

studio for architects
1231 S. 2nd Street, Suite 400
Portland, OR 97204
503.227.1111



KEYNOTE LEGEND	
12A	NOTED FOR ELECTRICAL CONNECTIONS
12B	NOTED FOR ELECTRICAL CONNECTIONS
12C	NOTED FOR ELECTRICAL CONNECTIONS
12D	NOTED FOR ELECTRICAL CONNECTIONS
12E	NOTED FOR ELECTRICAL CONNECTIONS
12F	NOTED FOR ELECTRICAL CONNECTIONS
12G	NOTED FOR ELECTRICAL CONNECTIONS
12H	NOTED FOR ELECTRICAL CONNECTIONS
12I	NOTED FOR ELECTRICAL CONNECTIONS
12J	NOTED FOR ELECTRICAL CONNECTIONS
12K	NOTED FOR ELECTRICAL CONNECTIONS
12L	NOTED FOR ELECTRICAL CONNECTIONS
12M	NOTED FOR ELECTRICAL CONNECTIONS
12N	NOTED FOR ELECTRICAL CONNECTIONS
12O	NOTED FOR ELECTRICAL CONNECTIONS
12P	NOTED FOR ELECTRICAL CONNECTIONS
12Q	NOTED FOR ELECTRICAL CONNECTIONS
12R	NOTED FOR ELECTRICAL CONNECTIONS
12S	NOTED FOR ELECTRICAL CONNECTIONS
12T	NOTED FOR ELECTRICAL CONNECTIONS
12U	NOTED FOR ELECTRICAL CONNECTIONS
12V	NOTED FOR ELECTRICAL CONNECTIONS
12W	NOTED FOR ELECTRICAL CONNECTIONS
12X	NOTED FOR ELECTRICAL CONNECTIONS
12Y	NOTED FOR ELECTRICAL CONNECTIONS
12Z	NOTED FOR ELECTRICAL CONNECTIONS

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2023-50.1

A4.11

REVISIONS:

DATE: 08/08/2023

DRAWN BY: JACOB

REV: 25-145

BALANCED PLANS - PRACTICE FIELD

REFLECTED CEILING

PHASE III - PHYSICAL SCIENCE CENTER

MULTI-COMPARTMENT SCHOOLS

REV: 25-145

BC

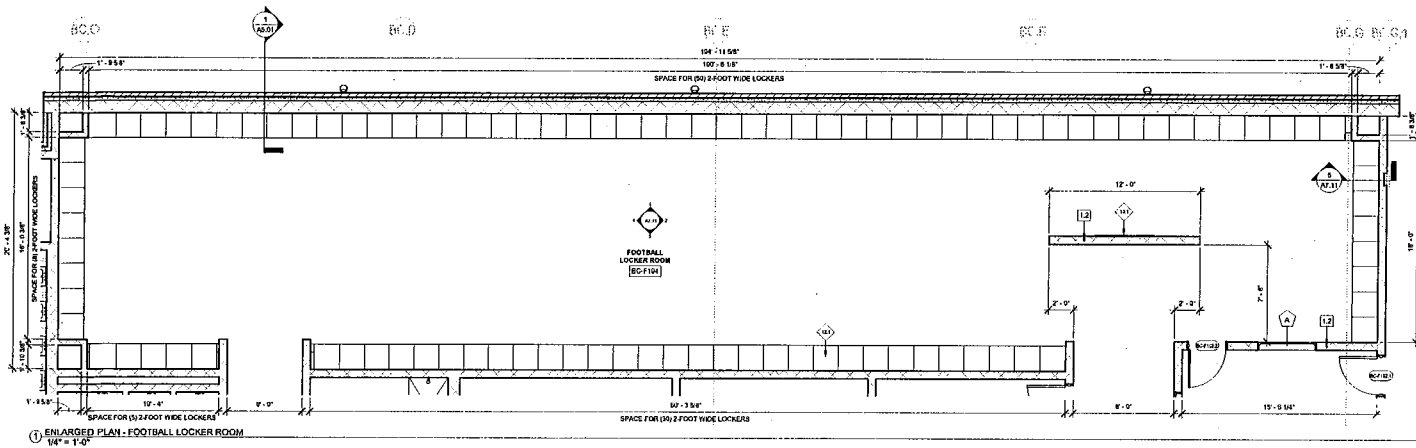
ARCHITECTS

studio premier architects

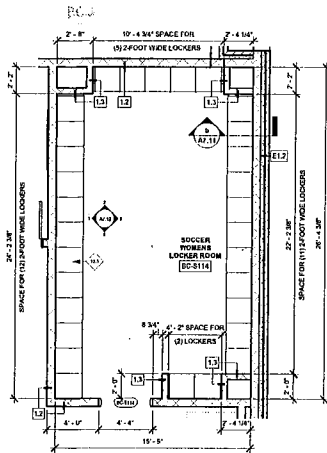
1215 S. Street, Suite 100, Annapolis, MD 21403

TEL: 410.293.1100 FAX: 410.293.1101

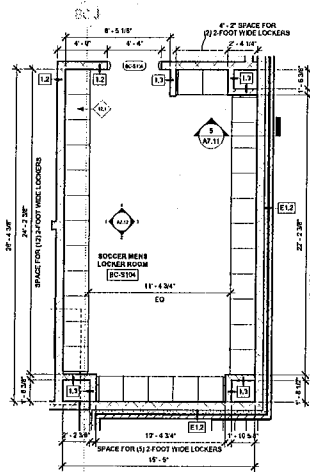
www.studiopremierarchitects.com



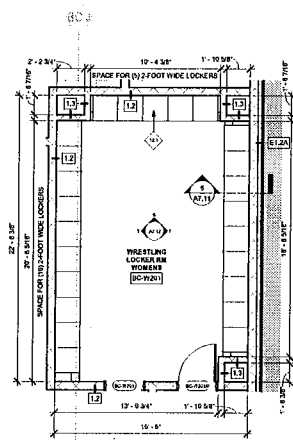
1 ENLARGED PLAN - FOOTBALL LOCKER ROOM
1/4" = 1'-0"



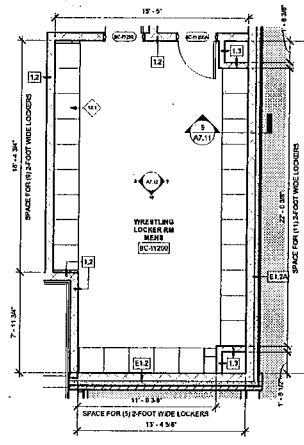
2 ENLARGED PLAN - WOMEN'S SOCCER LOCKER RM.
1/4" = 1'-0"



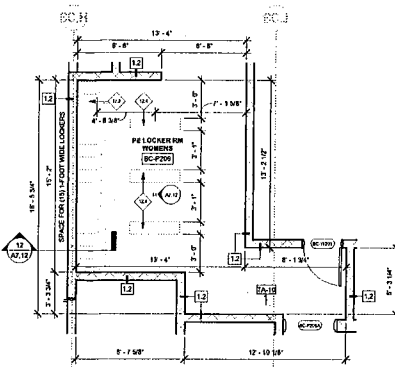
3 ENLARGED PLAN - MEN'S SOCCER LOCKER RM.
1/4" = 1'-0"



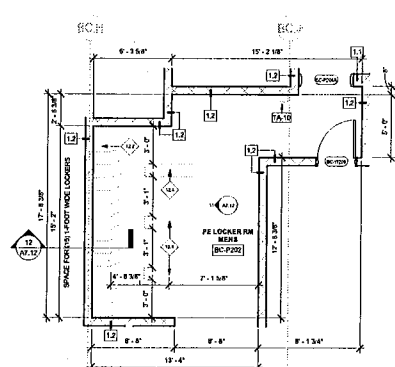
4 ENLARGED PLAN - WOMEN'S WRESTLING LOCKER RM.
1/4" = 1'-0"



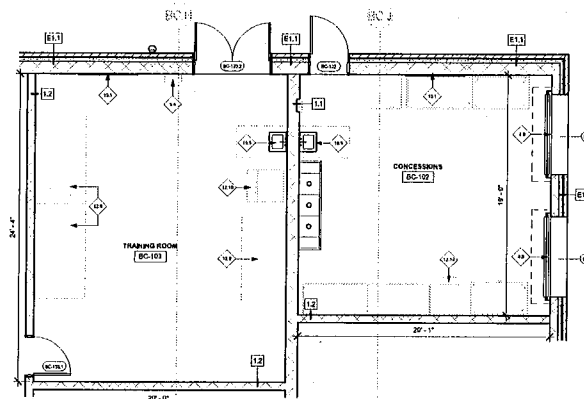
7 ENLARGED PLAN - MEN'S WRESTLING LOCKER RM.
1/4" = 1'-0"



5 ENLARGED PLAN - WOMEN'S PE LOCKER RM.
1/4" = 1'-0"



6 ENLARGED PLAN - MEN'S PE LOCKER RM.
1/4" = 1'-0"

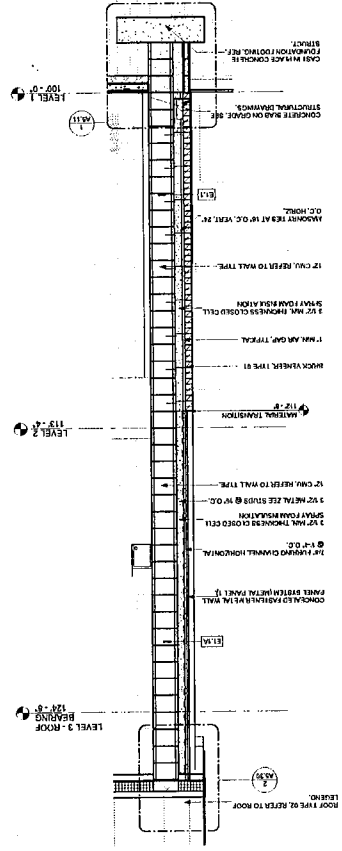


8 ENLARGED PLAN - TRAINING ROOM AND CONCESSIONS
1/4" = 1'-0"

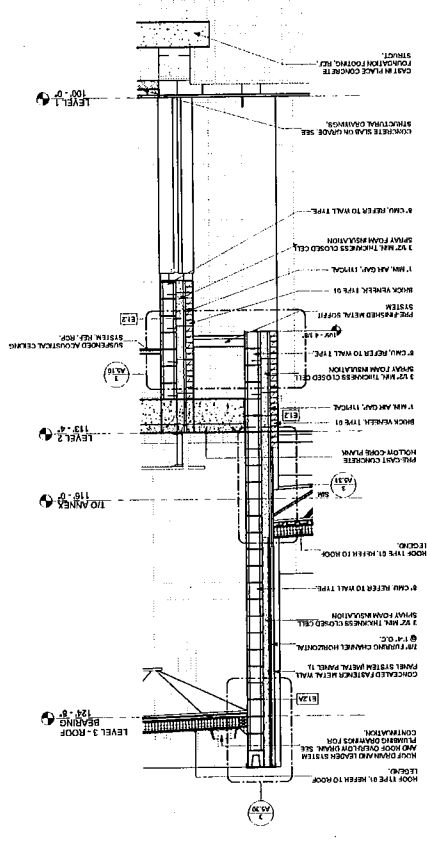
KEYNOTE LEGEND

4.9	DOOR AND DOOR THRESHOLD - REFER TO DOOR SCHEDULE FOR DESCRIPTION.
5.8	DEFLECTION GABRIEL WALL MOUNTED.
10.1	WALL MOUNTED TV/ATL. SEE TO PROVIDE DATA AND POWER. COORDINATE DATA AND ELECTRICAL REQUIREMENTS WITH ELECTRICAL UNIT AND COMMUNICATIONS (DWG 10.1).
12.1	2" WIDE LOCKERS ON CHAIR CURB. PROVIDE FILLER AT ENDS AS REQUIRED.
12.2	1/2" WIDE DOUBLE STACK LOCKERS ON CHAIR CURB. PROVIDE FILLER AT ENDS AS REQUIRED.
12.3	1/2" WIDE LOCKER ROOM BENCH FLOOR MOUNTED.
12.4	TOWING STATION (1) SEATING AND CHAIR CURB. 18" WIDE X 48" DEEP.
12.5	DOUBLE WARE POOL TABLE. 80" WIDE X 30" DEEP. SEE PLUMBING DRAWINGS FOR CONNECTIONS.
12.6	ICE MACHINE.
12.7	WALL HUNG LAVATORY. REF. TO PLUMBING DRAWINGS.

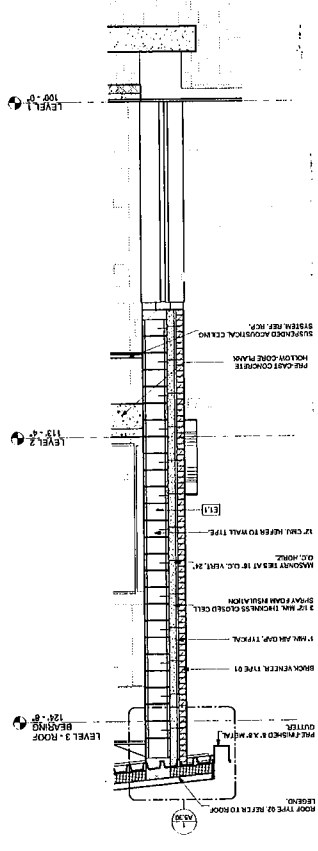
① WALL SECTION - TYP. BRICK W/ METAL



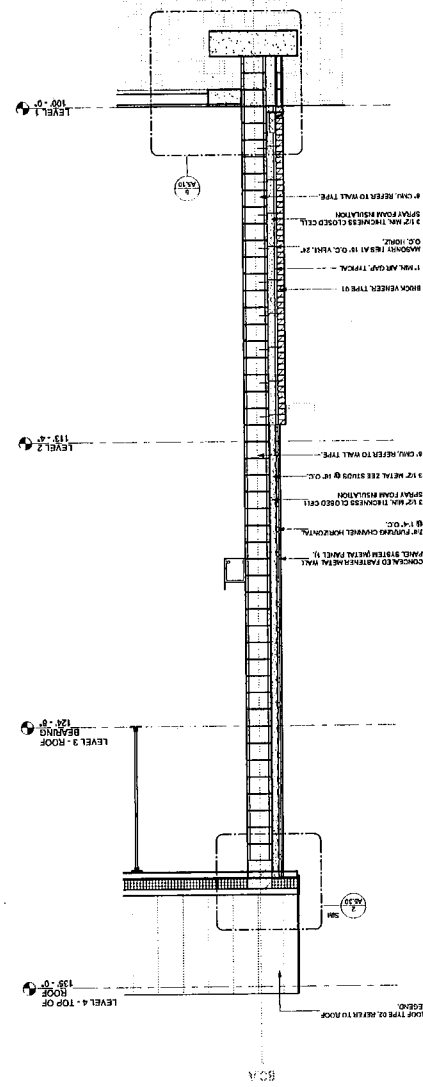
② WALL SECTION - TYP. VESTIBULE



③ WALL SECTION - TYP. FULL HEIGHT GLAZED BRICK



④ WALL SECTION - TYP. BACK WALL @ TYPE



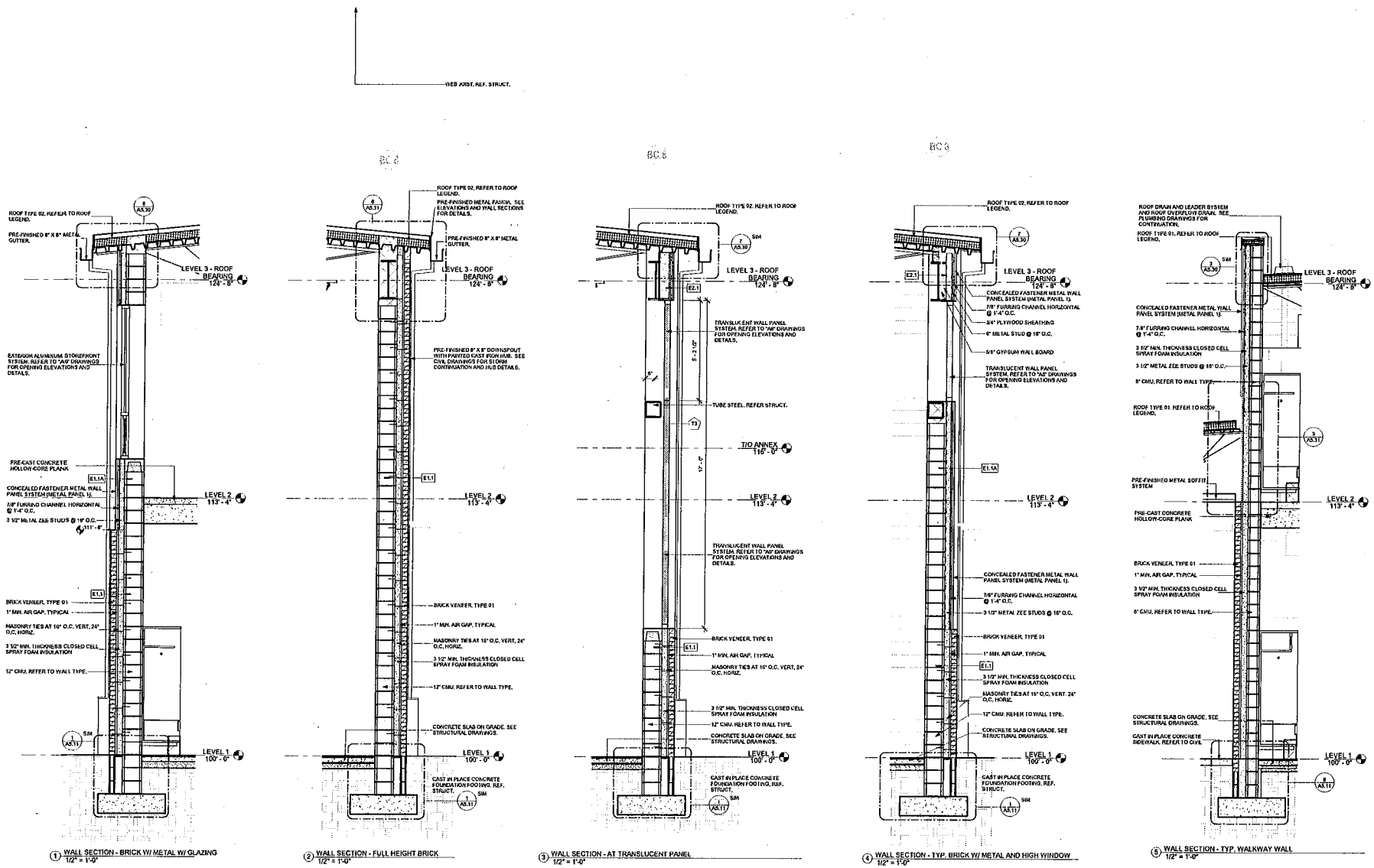
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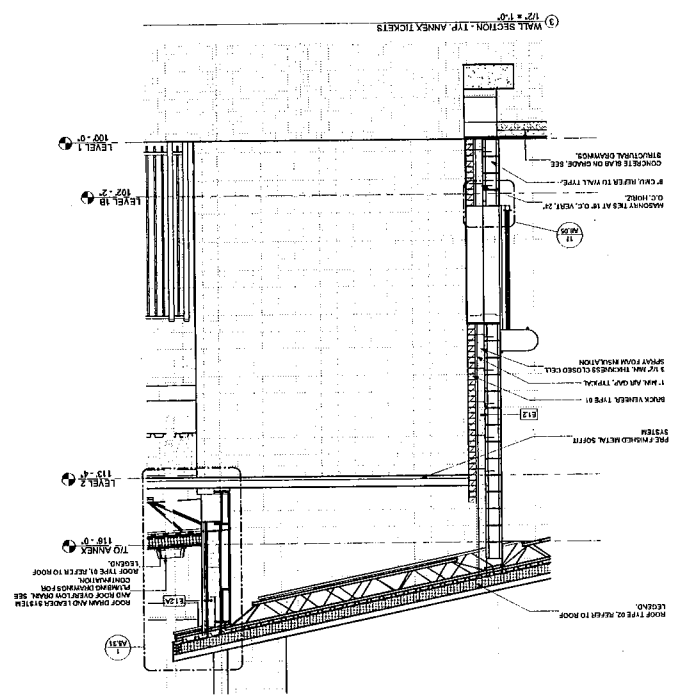
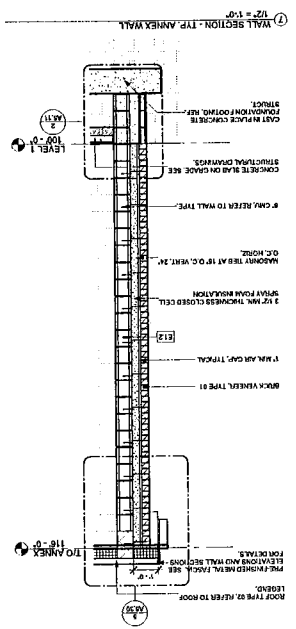
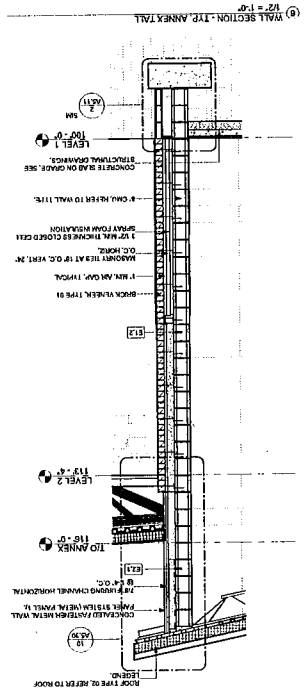
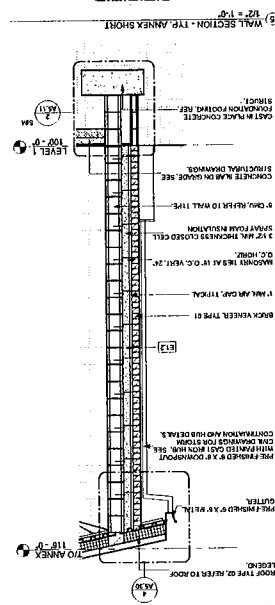
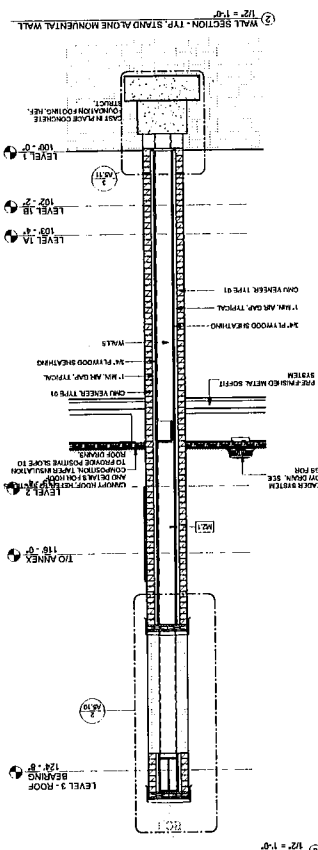
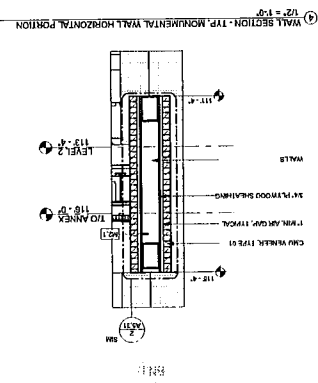
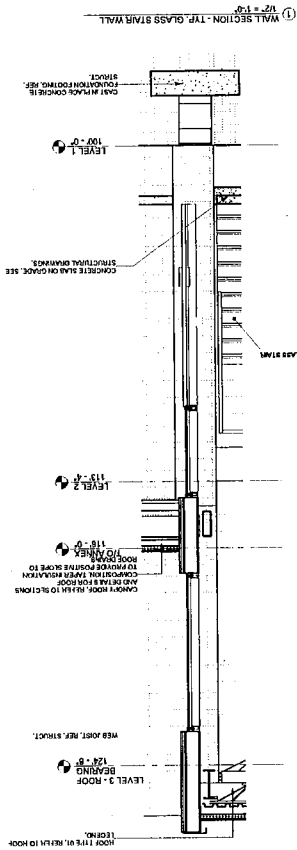


PHASE III | PHYSICAL SCIENCE CENTER
BUILT BY CHARTER HARBOR GROUP
DATE: 05/18/2023

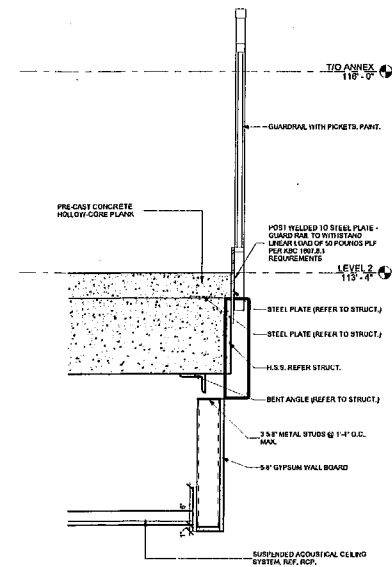
RCF 25-145
DRAWN BY: BSCN
CHECKED BY: SKA
REVISIONS:

2023-50.1
A5.01

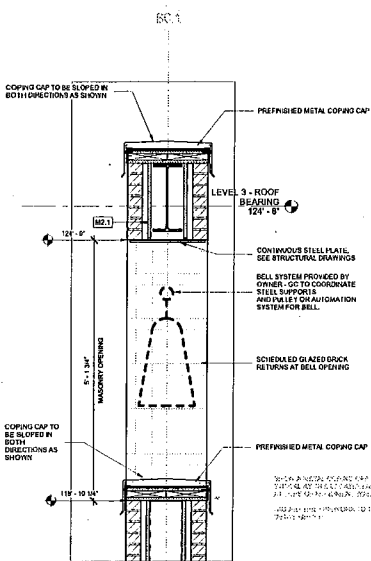




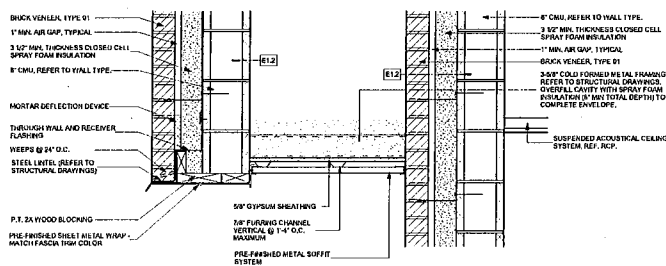
100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW



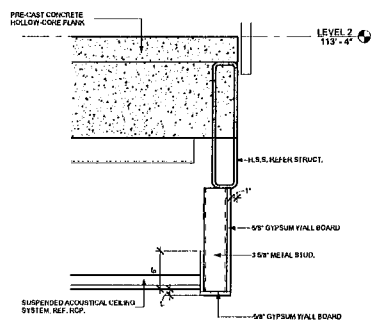
1 DETAIL - WALKWAY
1 1/2" = 1'-0"



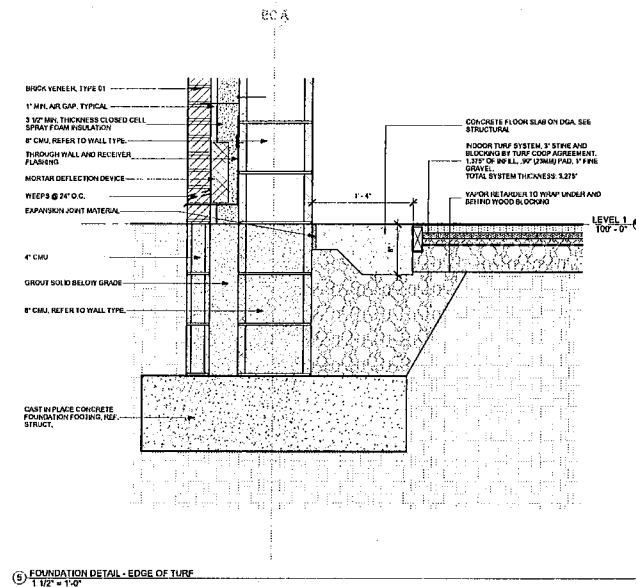
2 DETAIL - MONUMENTAL WALL OPENING
1" = 1'-0"



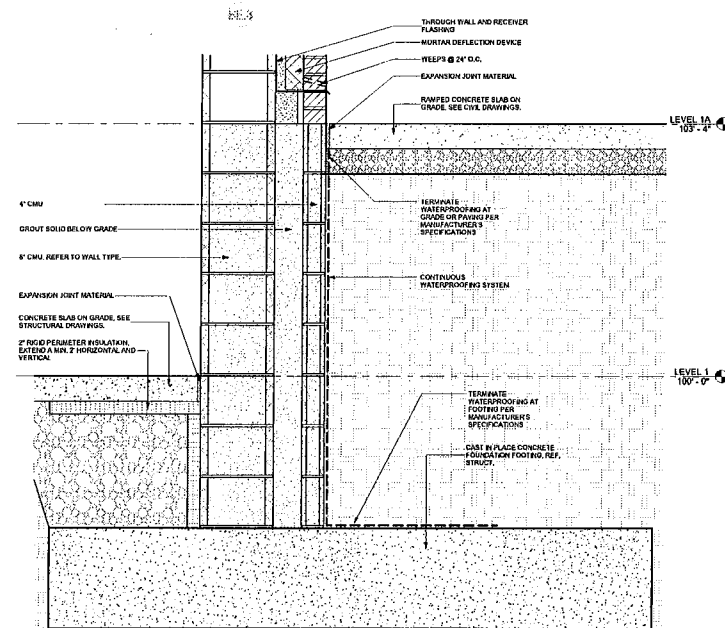
3 DETAIL - RECESSED DOOR SOFFIT
1 1/2" = 1'-0"



4 CEILING DETAIL - SOFFIT
1 1/2" = 1'-0"

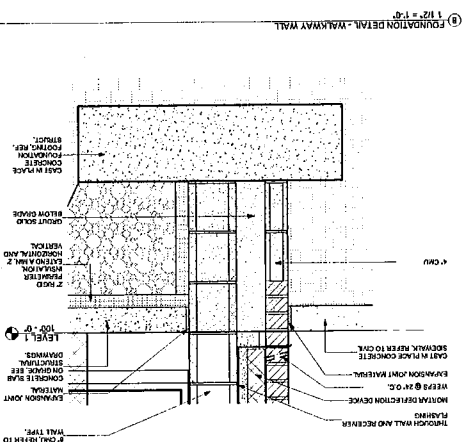
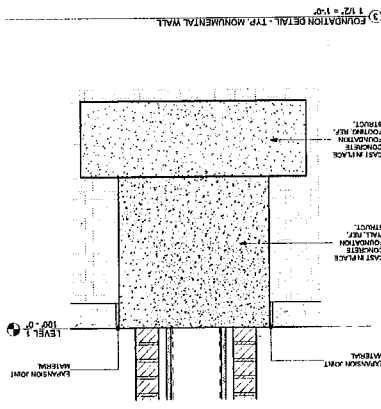
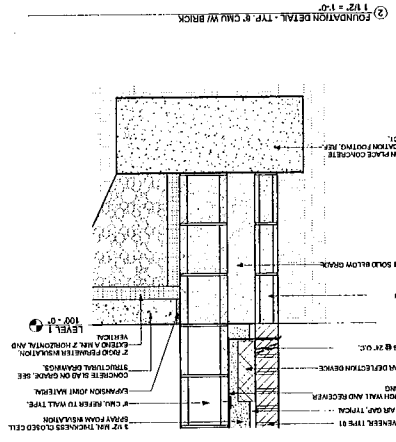
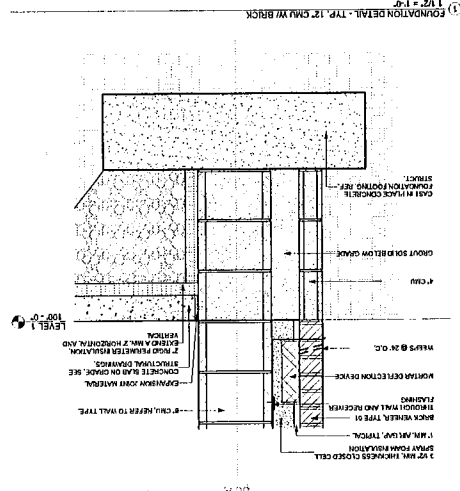
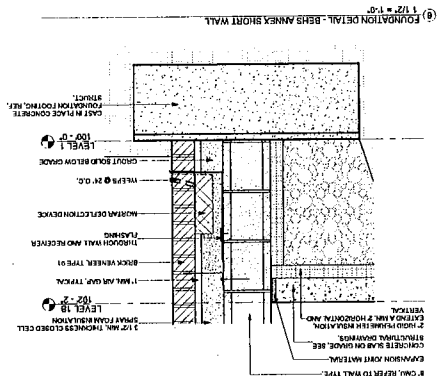
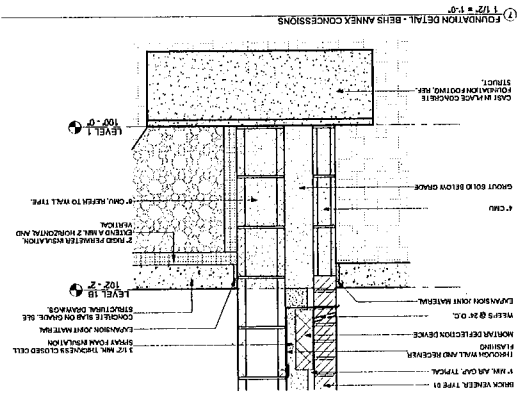
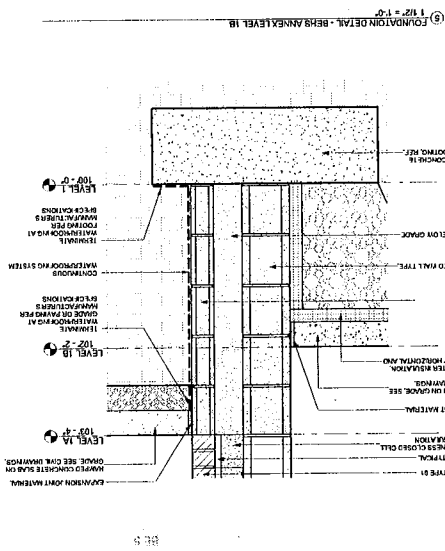
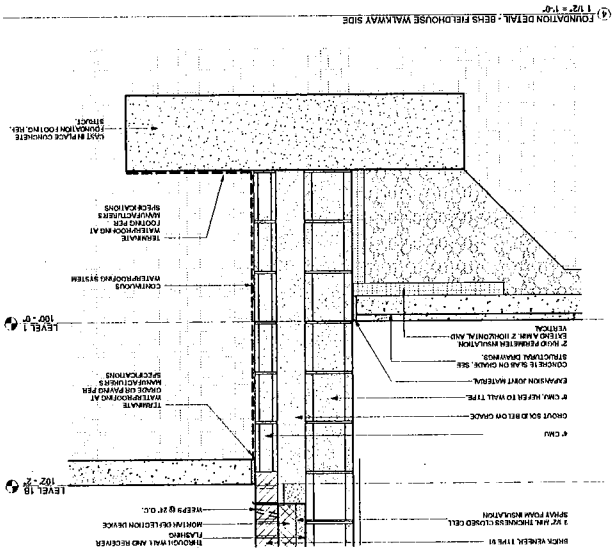


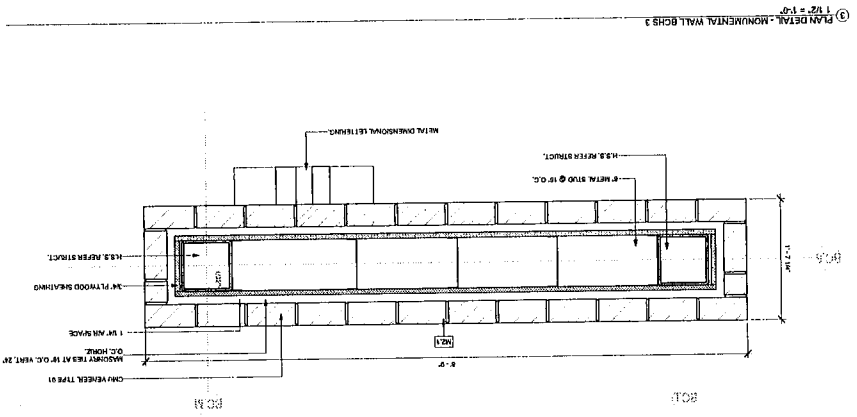
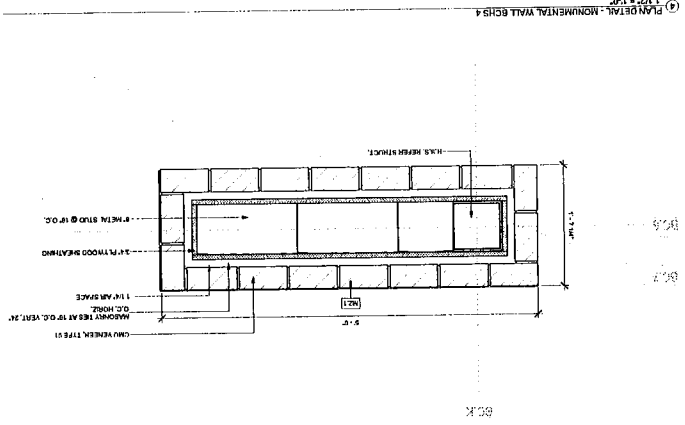
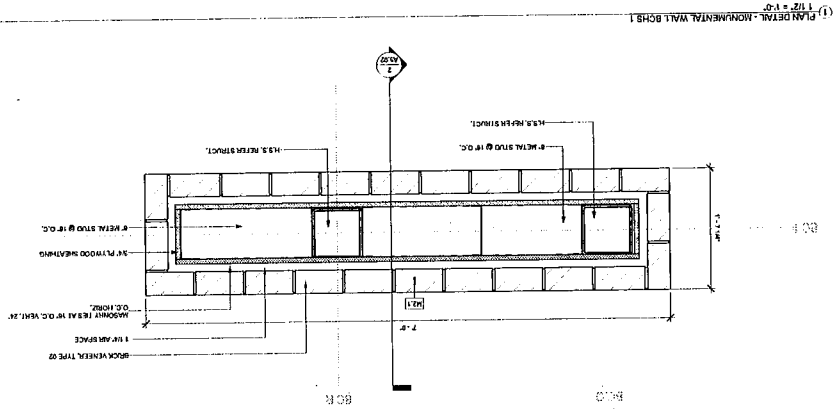
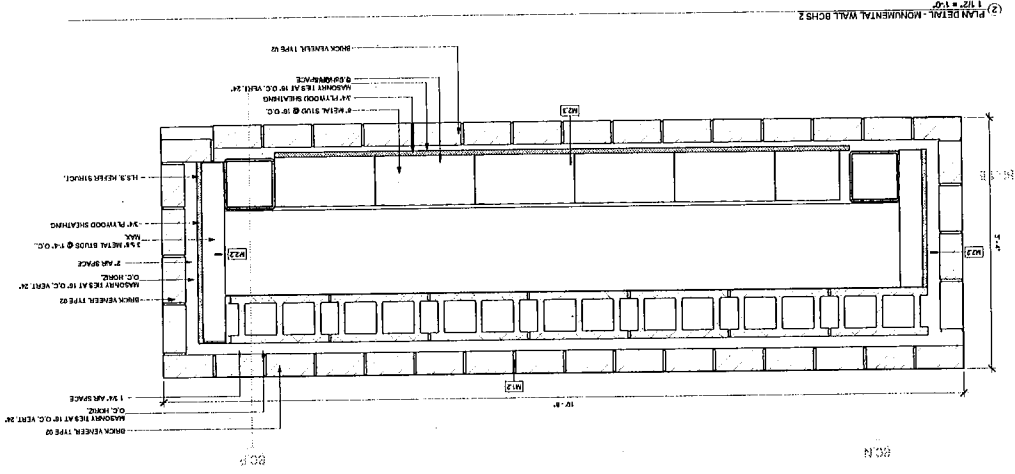
5 FOUNDATION DETAIL - EDGE OF TURF
1 1/2" = 1'-0"



6 FOUNDATION DETAIL - BEHS PLAN SOUTH RETAINING
1 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW





100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

BCHS
AS.21
2023-50.1

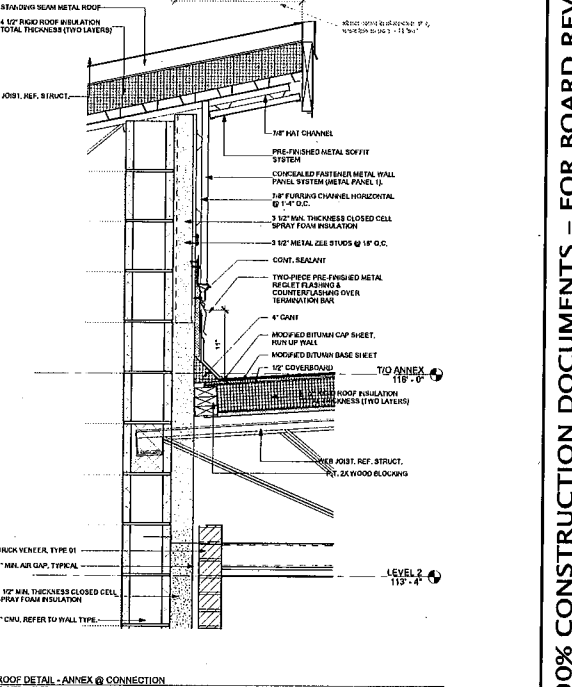
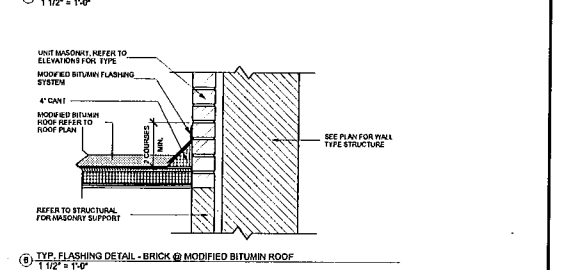
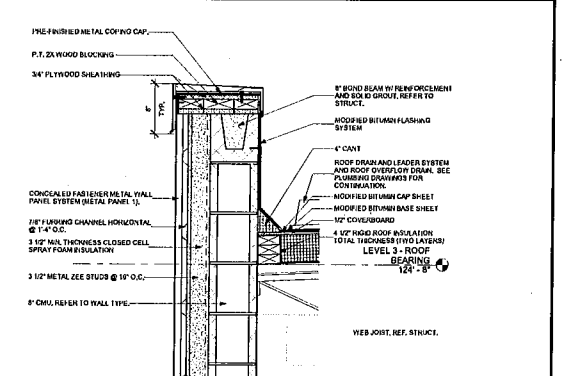
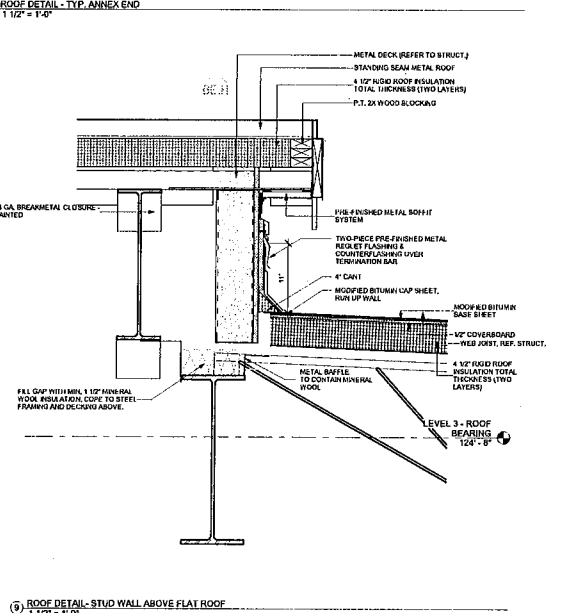
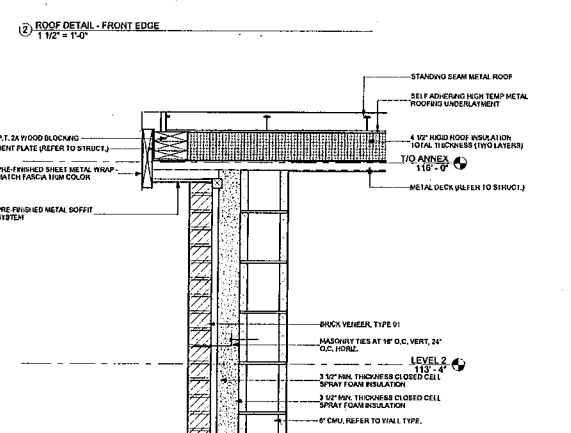
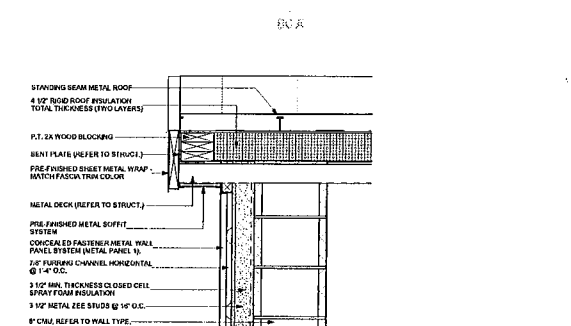
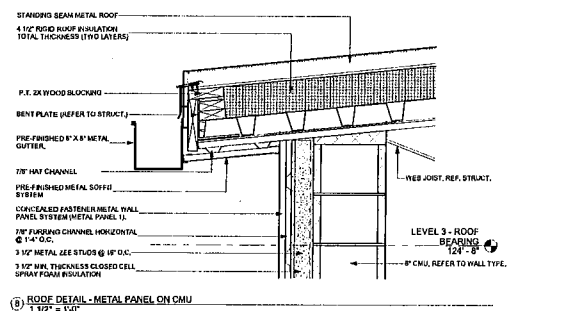
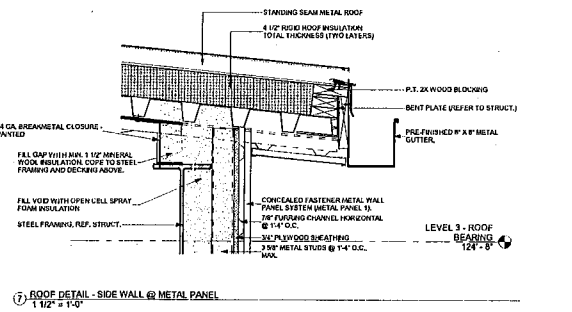
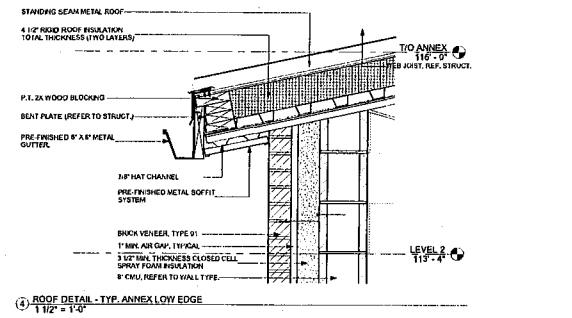
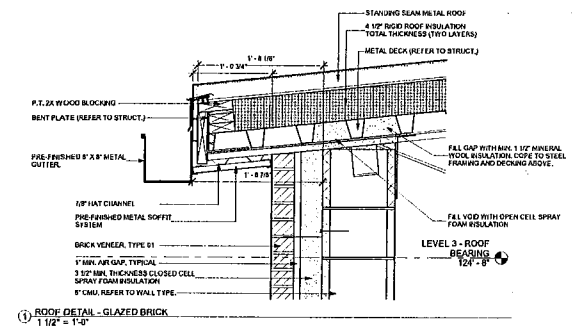
REVISIONS:
CHECKED BY: MA
DATE: 04/20/23
BCS 25-145

PHASE III - PHYSICAL SCIENCE CENTER
CENTRAL
BUILT COUNTY HEALTH SERVICES
04/25/23

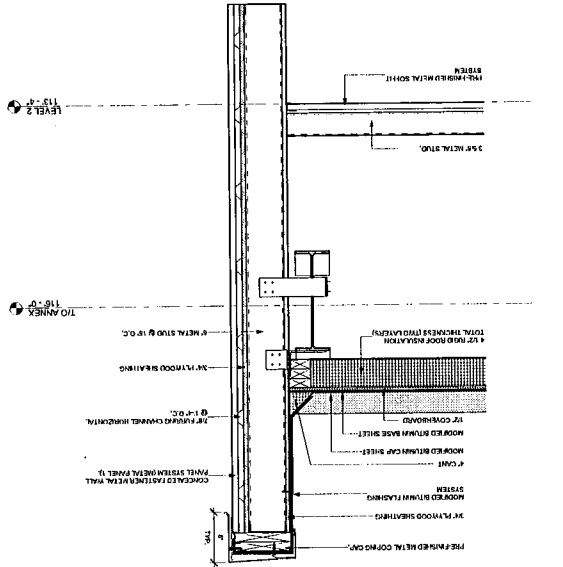


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TEL: 502.451.1700 FAX: 502.451.1701

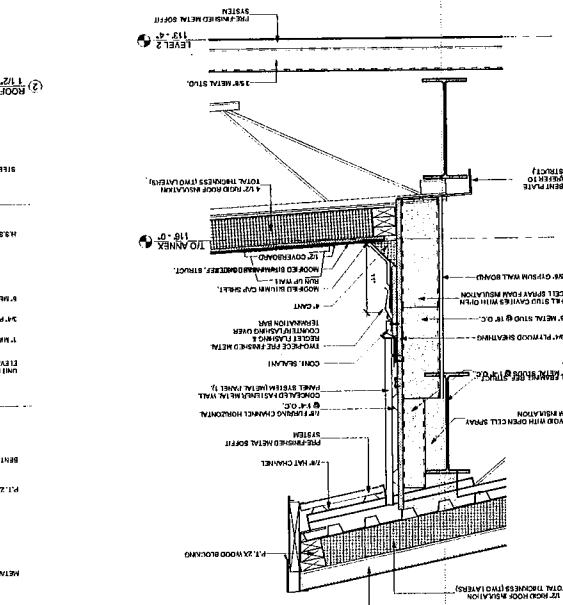




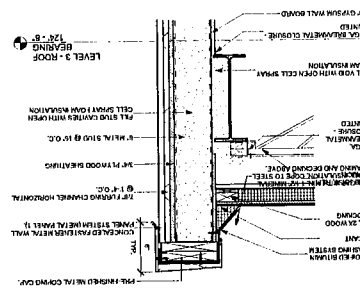
1. ROOF DETAIL - END OF CONNECTING ROOF



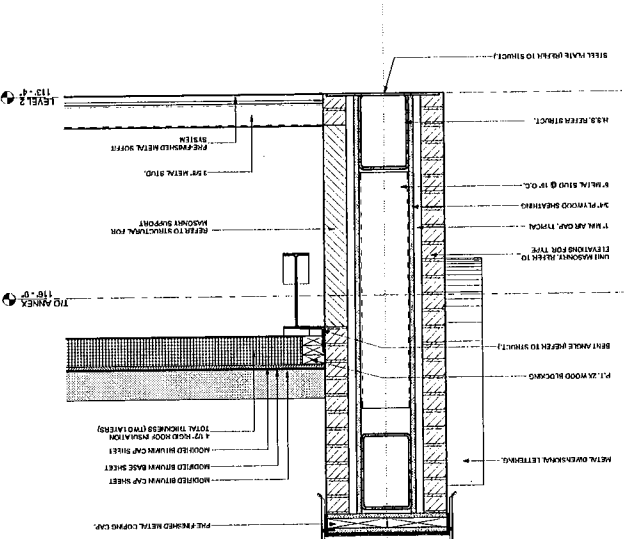
2. ROOF DETAIL - ANNEK CONNECTION STUD WALL



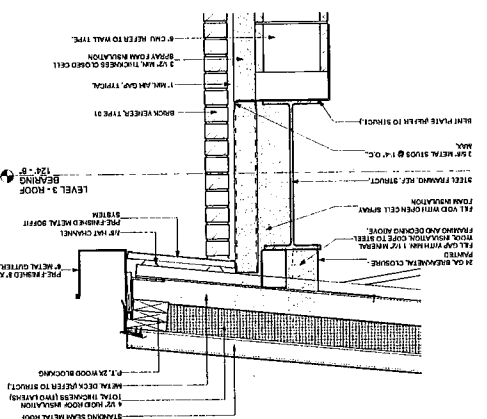
3. ROOF DETAIL - PAVEMENT AT GLASS STAIR



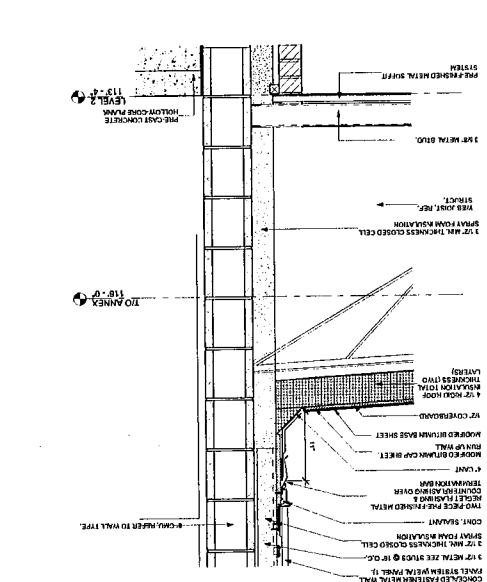
4. ROOF DETAIL - MONUMENTAL WALL ENTRY



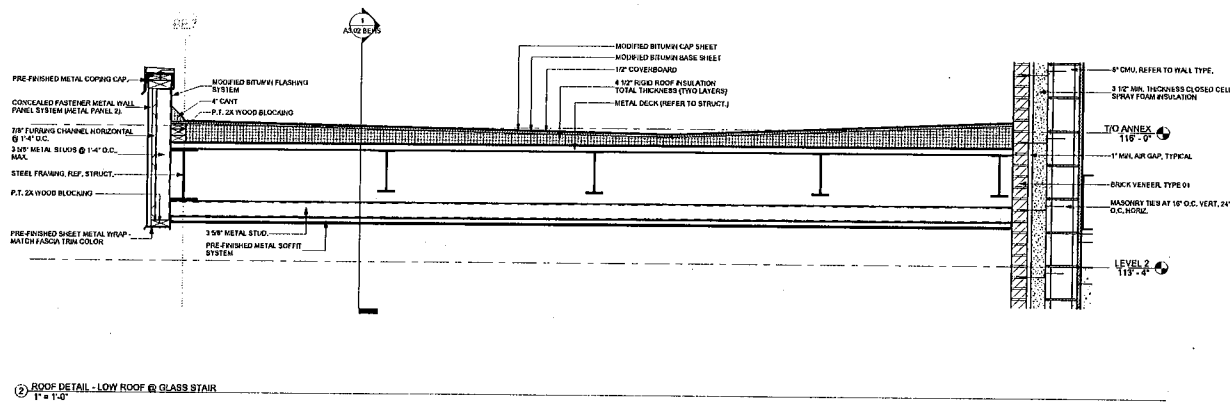
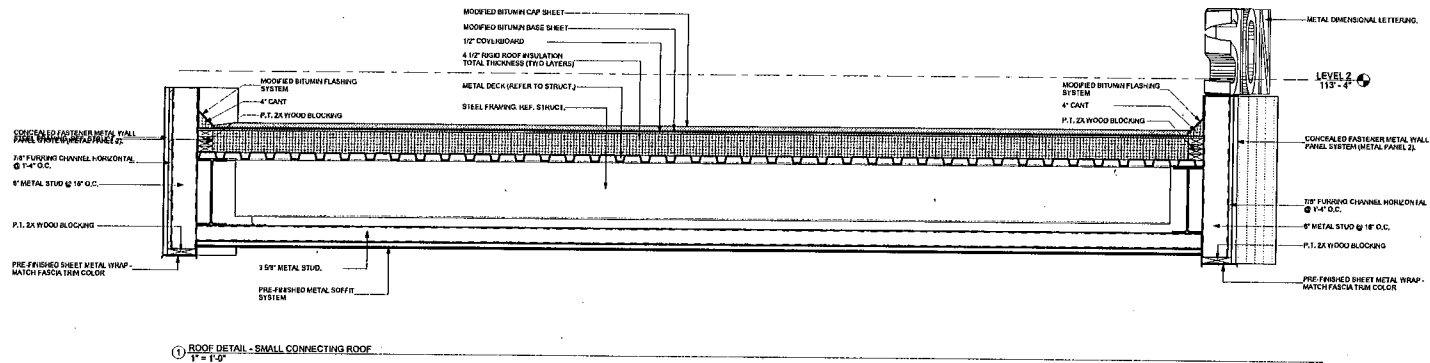
5. ROOF DETAIL - TYP. BURKAT TRANSLUCENT PANEL WALL

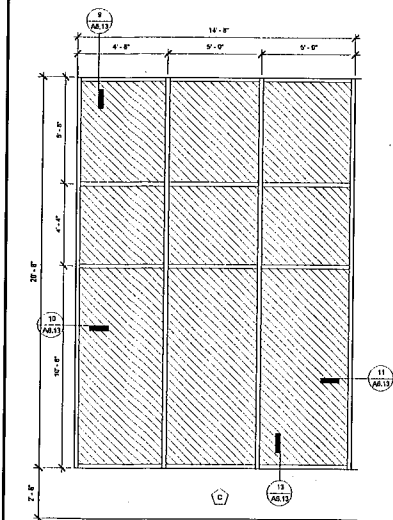


6. ROOF DETAIL - FIELDHOUSE WALL @ WALKWAY ROOF

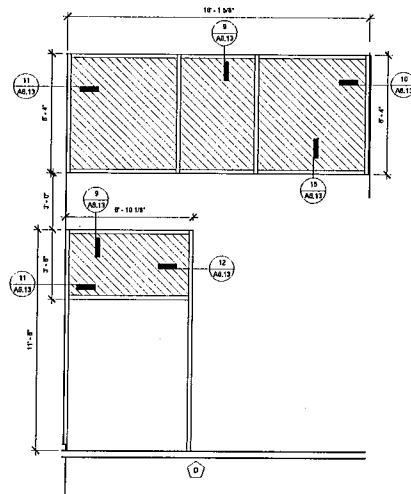


100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

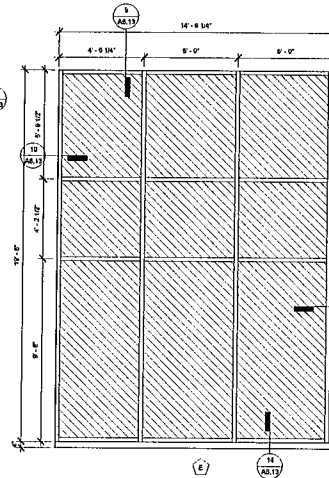




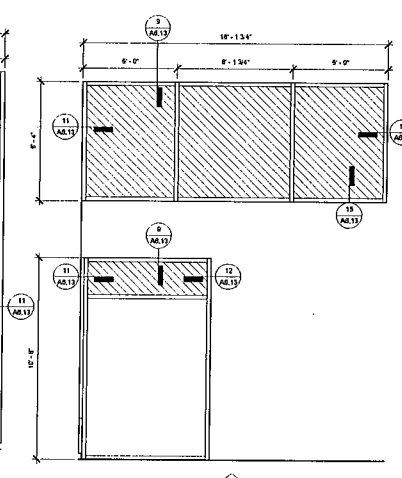
1 CURTAINWALL ELEVATION - BCHS GLASS STAIR FULL
3/8" = 1'-0"



2 WINDOW ELEVATION - BCHS GLASS STAIR W/ DOOR
3/8" = 1'-0"



4 WINDOW ELEVATION - BCHS GLASS STAIR FULL
3/8" = 1'-0"

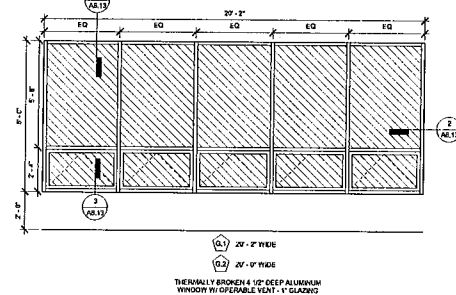
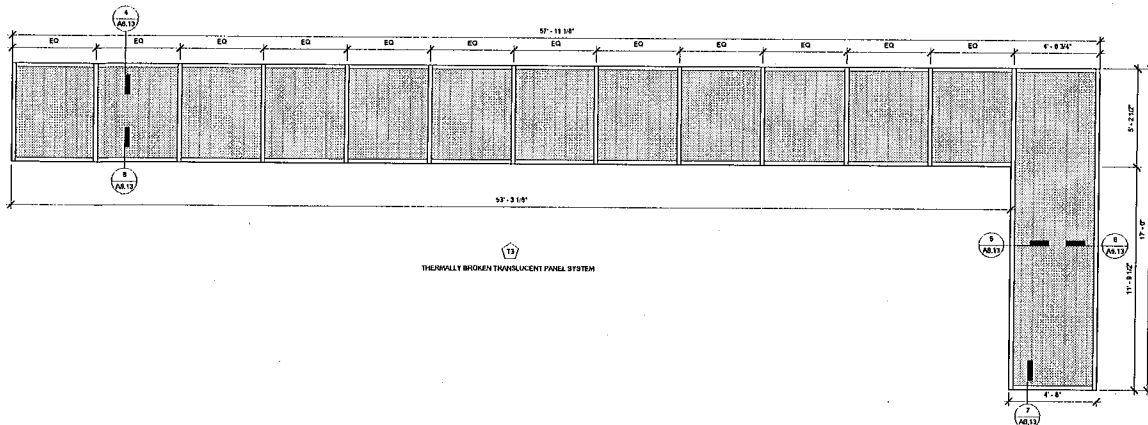
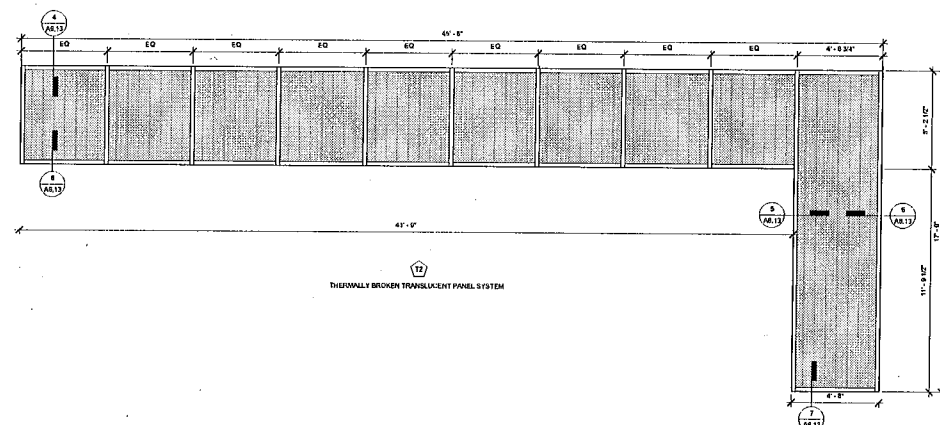
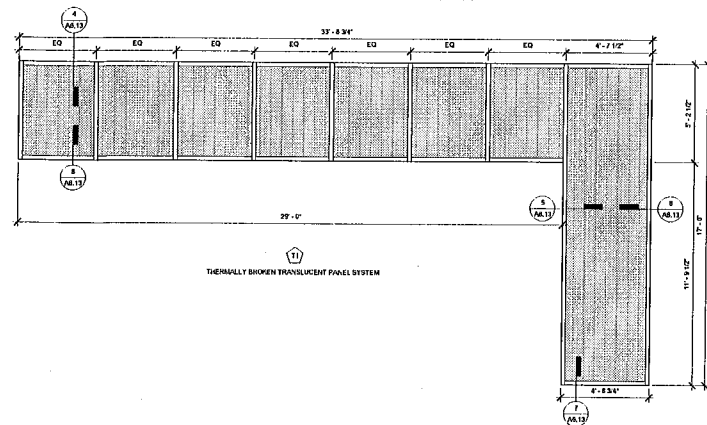


5 WINDOW ELEVATION - BCHS GLASS STAIR W/ DOOR
3/8" = 1'-0"

GLAZING LEGEND

- CLEAR TEMPERED GLAZING
- TEMPERED GLAZING W/ SAFETY FILM & GRAPHIC
- TRANSLUCENT GLAZING PANEL

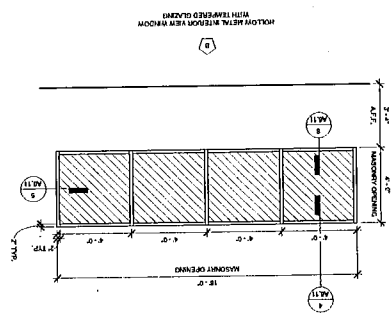
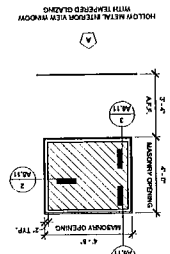
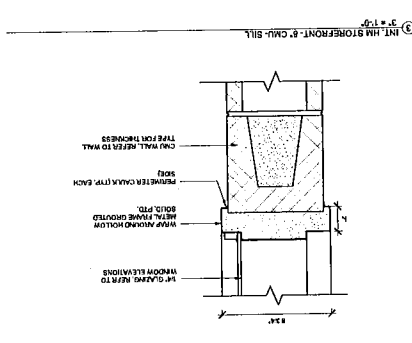
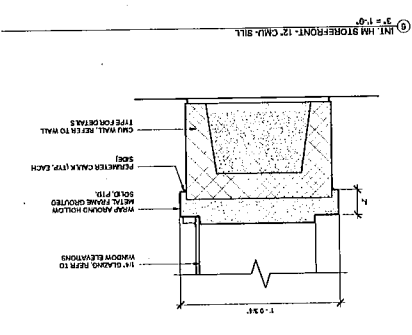
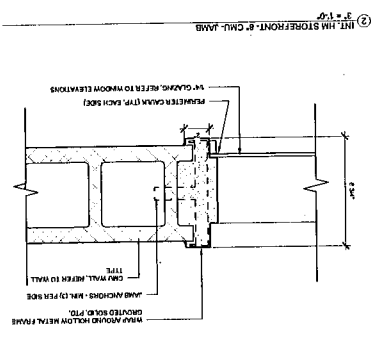
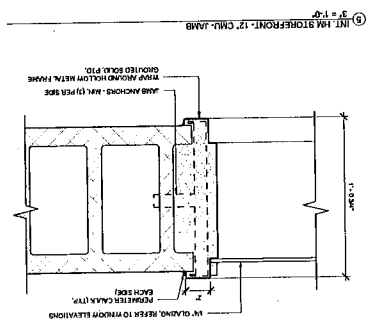
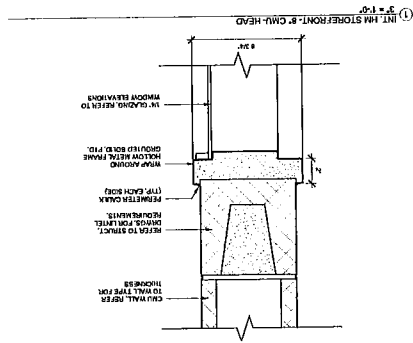
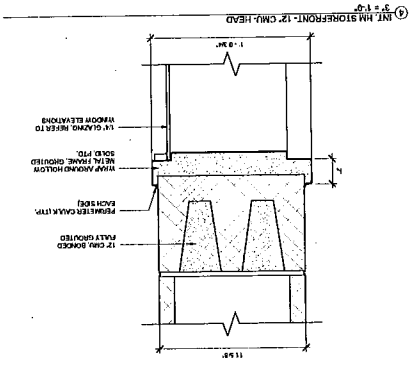
MM FRAME ELECTRICAL DEVICE COORDINATION:
CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF PATHWAYS FOR MOUNTED ELECTRICAL DEVICES WHERE SCHEDULED. SEE ELECTRICAL DRAWINGS. COORDINATE IN-PLUMB ROUTING OF CONDUIT WHERE LEVEL REQUIREMENTS PROHIBIT IN-PLUMB ROUTING ABOVE SURFACE MOUNT. EXPOSED CONDUIT SHALL NOT BE ALLOWED AT DOOR FRAMES.



100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

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PHASE III | PHYSICAL SCIENCE CENTER
MULTITIMED MEDIA ROOMS
BC# 25-145
DATE: 10/20/2018
DRAWN BY: BSC/CM
CHECKED BY: J. MA
REVISIONS:
2023-50.1
A6.10



HM FRAME ELECTRICAL DEVICE COORDINATION:
CONNECTION IS RESPONSIBLE FOR THE COORDINATION OF MATERIALS FOR MOUNTING ELECTRICAL DEVICES AND/OR ACCESSORIES. SEE ELECTRICAL DRAWINGS FOR MOUNTING AND/OR ACCESSORY DETAILS. MAKE SURE ALL DEVICES AND/OR ACCESSORIES ARE MOUNTED TO THE FRAME AND NOT TO THE GLAZING. SEE ELECTRICAL DRAWINGS FOR MOUNTING AND/OR ACCESSORY DETAILS.

GLAZING LEGEND	
	TRANSLUCENT GLAZING PANEL
	TEMPERED GLAZING IN SAFETY FILM & ORGANIC
	CLEAR TEMPERED GLAZING

100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

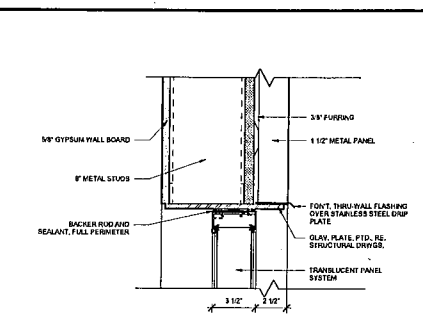
REVISIONS:
CHECKED BY: MA
DATE: 08/20/2023
BC 25-145

PHASE III | PHYSICAL SCIENCE CENTER
BULLITT COUNTY MIDDLE SCHOOL
08/25/24

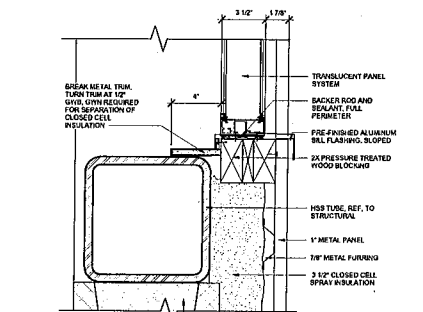


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1321 S. 3rd St., Suite 100, Portland, OR 97204
503.224.1122 | www.studiourban.com

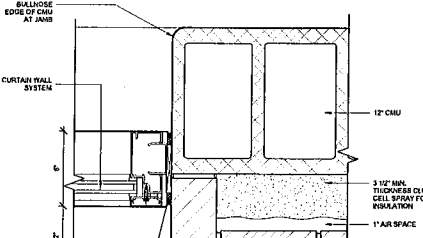




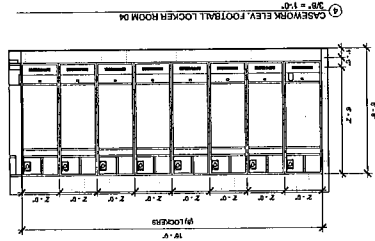
④ TRANSLUCENT PANEL - HEAD @ METAL PANEL



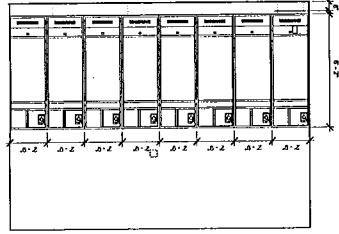
Ⓢ TRANSLUCENT PANEL • SILL Ⓢ METAL PANEL



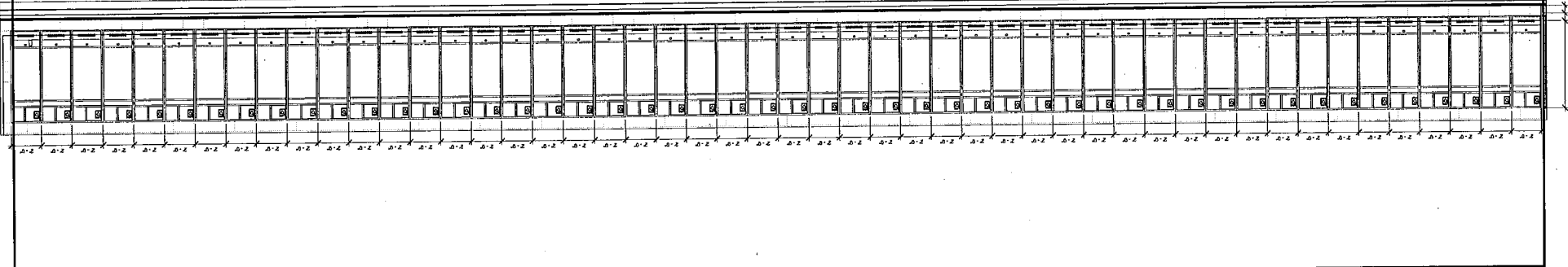
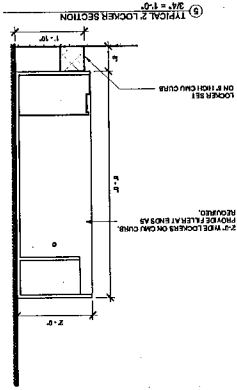
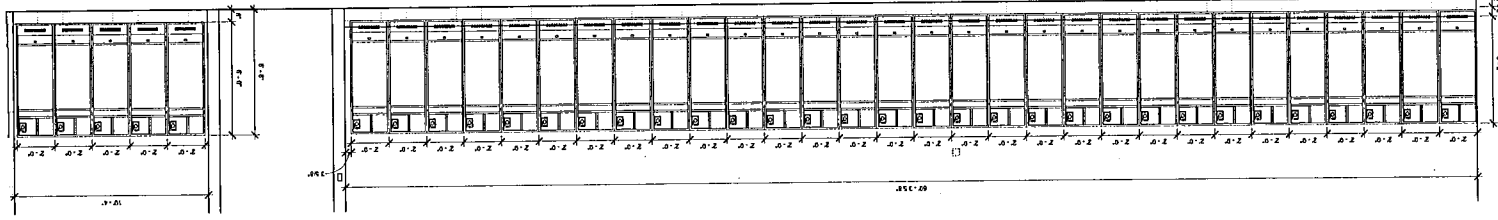
510



② CASEWORK ELEV. FOOTBALL LOCKER ROOM 02
SCALE = 1/4"



③ CASEWORK ELEV. FOOTBALL LOCKER ROOM 03
SCALE = 1/4"



100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

2023-50.1
A7.11

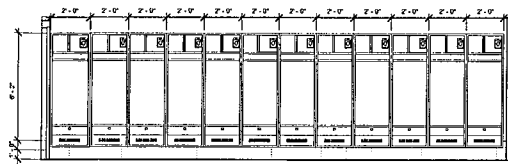
REVISIONS:
DATE: 04/04/2023
DRAWN BY: SPC/SM
RCD: 25-145

ELEVATIONS - FOOTBALL LOCKER ROOM
PHASE III | PHYSICAL SCIENCE CENTER
BRILLIANT COMMUNITY SCHOOLS
WILSON, NC

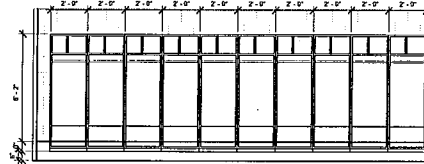
BC
NOTHING FORWARDED

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1211 S. Shady St., Lenoir, NC 28755
TEL: 828.457.1101 FAX: 828.457.1101

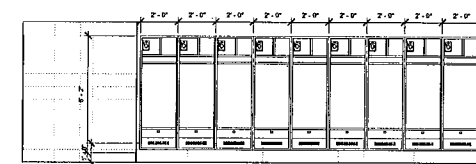
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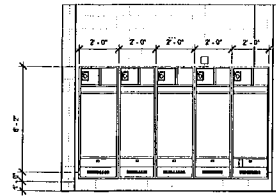
① CASEWORK ELEV. SOCCER LOCKER ROOM 01
3/8" = 1'-0"



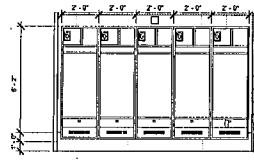
⑤ CASEWORK ELEV. WRESTLING LOCKER RM. WOMENS 01
3/8" = 1'-0"



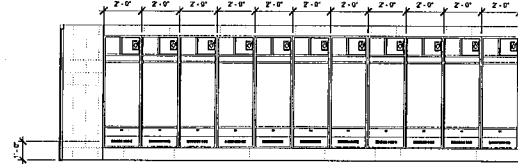
⑥ CASEWORK ELEV. WRESTLING LOCKER RM. MENS 01
3/8" = 1'-0"



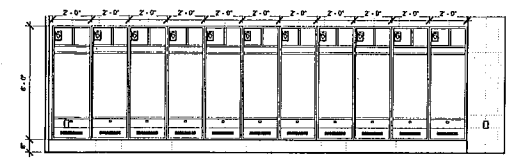
② CASEWORK ELEV. SOCCER LOCKER ROOM 02
3/8" = 1'-0"



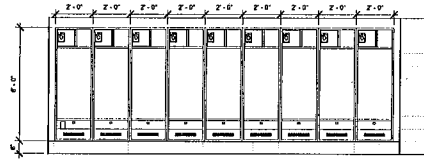
⑦ CASEWORK ELEV. WRESTLING LOCKER RM. WOMENS 02
3/8" = 1'-0"



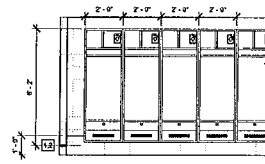
⑧ CASEWORK ELEV. WRESTLING LOCKER RM. MENS 02
3/8" = 1'-0"



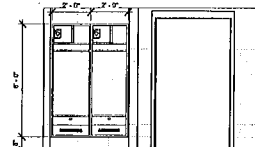
③ CASEWORK ELEV. SOCCER LOCKER ROOM 03
3/8" = 1'-0"



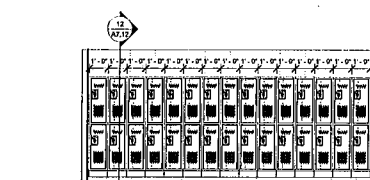
⑦ CASEWORK ELEV. WRESTLING LOCKER RM. WOMENS 03
3/8" = 1'-0"



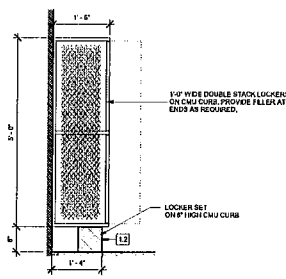
①⑥ CASEWORK ELEV. WRESTLING LOCKER RM. MENS 03
3/8" = 1'-0"



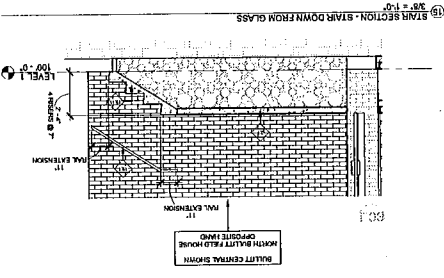
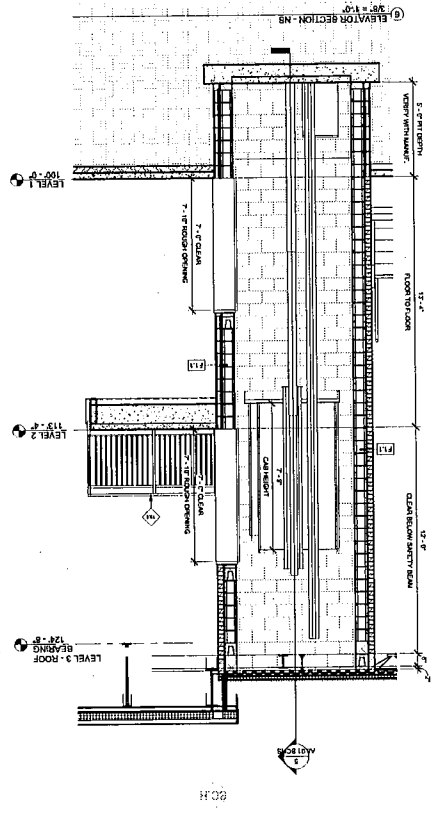
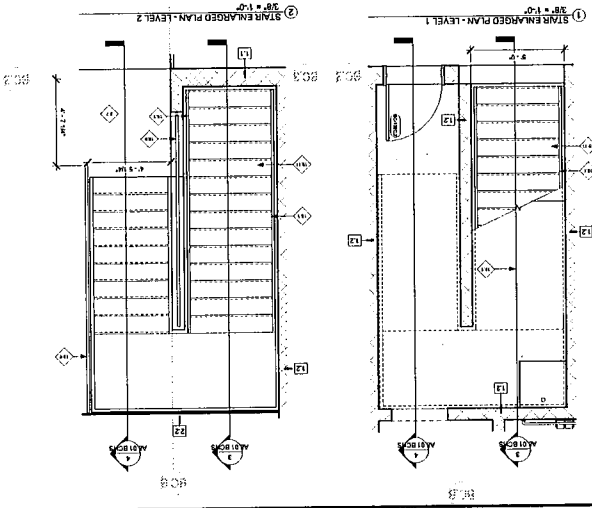
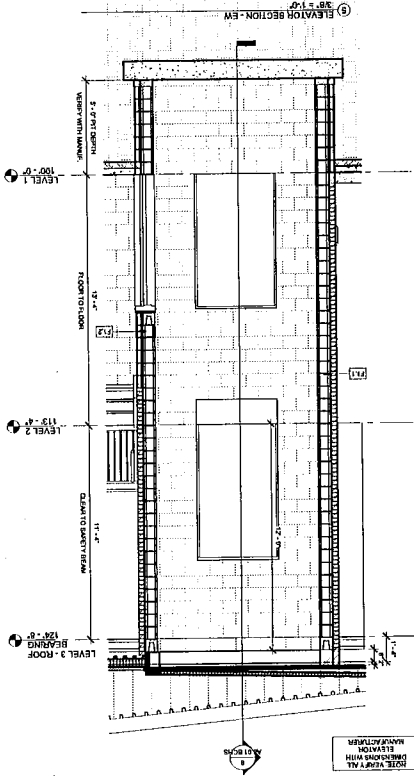
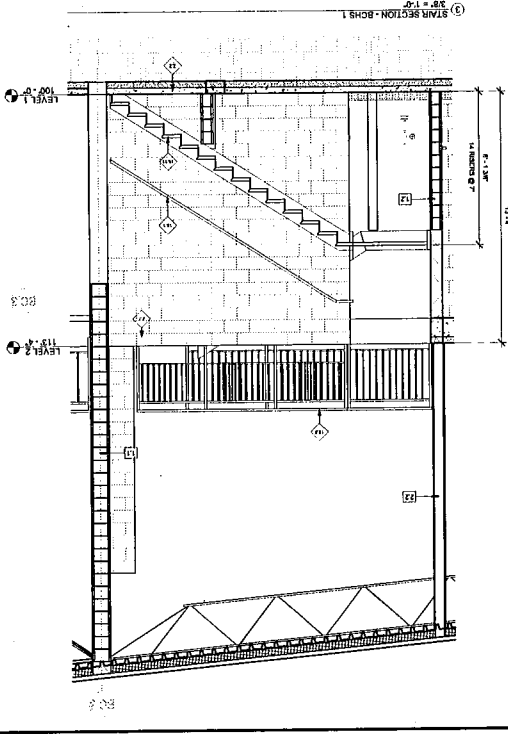
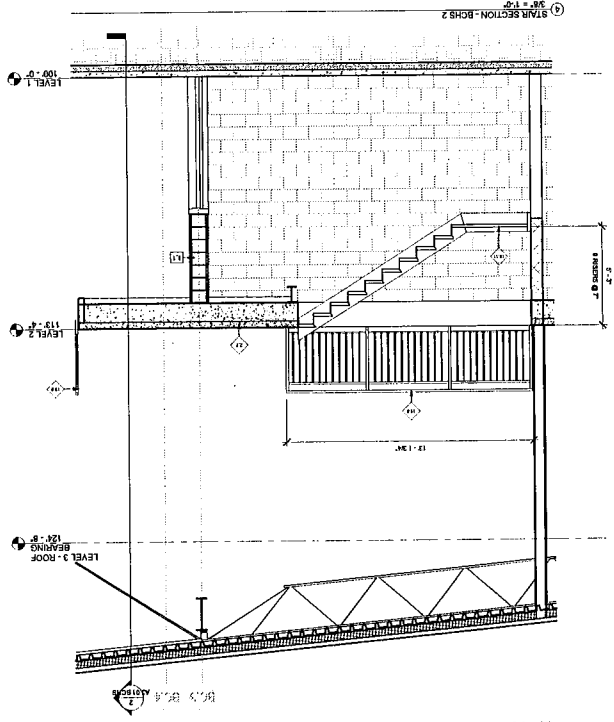
④ CASEWORK ELEV. SOCCER LOCKER ROOM 04
3/8" = 1'-0"



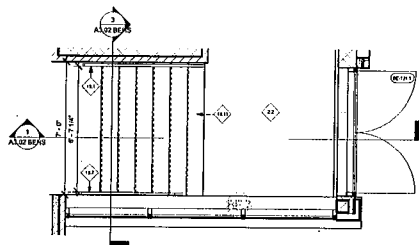
①① CASEWORK ELEV. P.E. LOCKER RM.
3/8" = 1'-0"



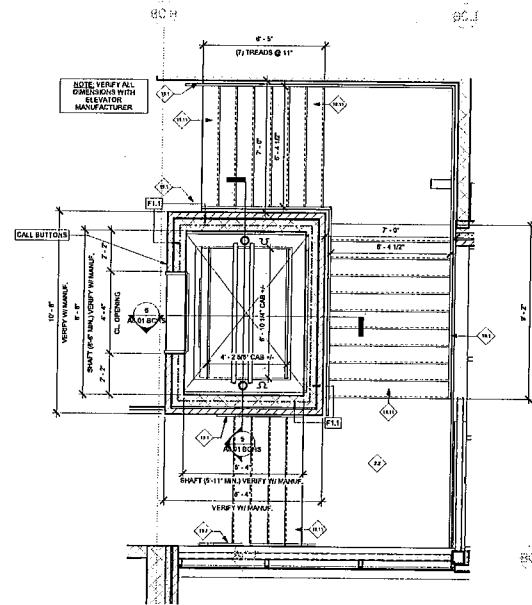
①② TYPICAL PE LOCKER SECTION
3/8" = 1'-0"



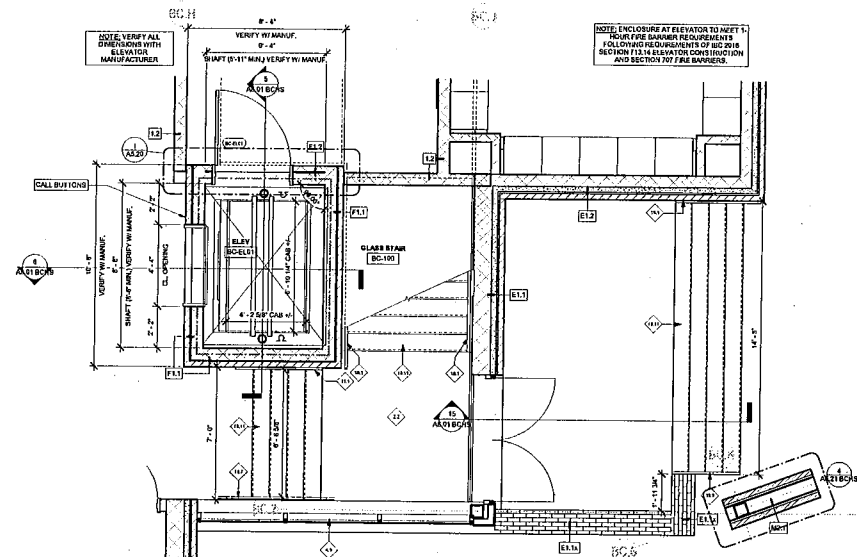
REVISION	DATE	BY	REASON
1	2023-50.1	BCBS	100% CONSTRUCTION DOCUMENTS - ELEVATOR AND STAIR
2	2023-50.1	BCBS	PHASE III - PHYSICAL SCIENCE CENTER
3	2023-50.1	BCBS	BUILT CONTRACTORS



③ ENLARGED STAIR PLAN - BEHS
3/8" = 1'-0"



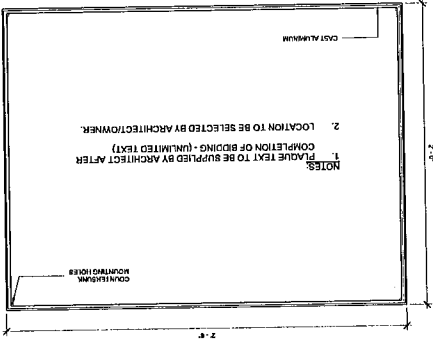
② ENLARGED STAIR AND ELEVATOR PLAN - LEVEL 2
3/8" = 1'-0"



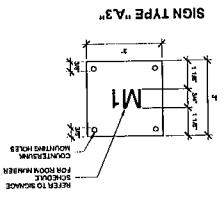
① ENLARGED STAIR AND ELEVATOR PLAN - LEVEL 1
3/8" = 1'-0"

KEYNOTE LEGEND	
12	CONCRETE SLAB ON GRADE, SEE STRUCTURAL DRAWINGS
13	EXTERIOR ALUMINUM CURTAIN WALL SYSTEM, UP TO 7'6" DRAWING FOR OPENING ELEVATIONS AND DETAILS
18.1	1 1/2" DIA. WALL MOUNTED PIPE FLOOR JOIST, RETURNS TO WALL, PAINT, WOODWORK, GUARD, PAINT
18.2	1 1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.3	1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.4	1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.5	1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.6	1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.7	1/2" DIA. STRUTTED MOUNTED PIPE GUARDRAIL WITH INTERMEDIATE WOODWORK, GUARD, PAINT
18.8	CONCRETE PARALLEL STAIR TREAD WITH CLOSED STEEL PLATE RISER, PAINT ALL EXPOSED STEEL MEMBERS

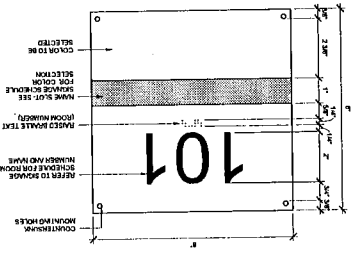
DEDICATION PLAQUE TYPE "F"
FINAL LOCATION TO BE CONFIRMED BY OWNER



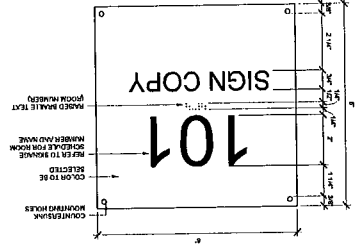
REFER TO SPECIFICATIONS
FOR SIGN TYPE "A.3"



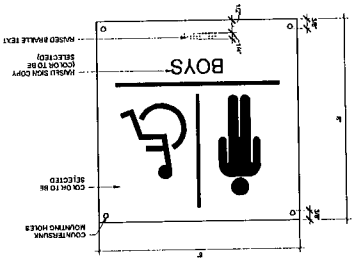
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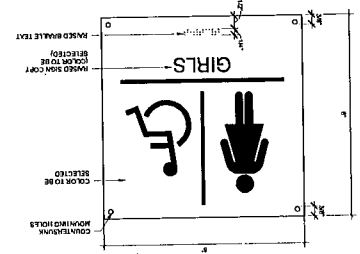
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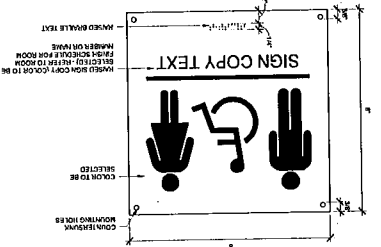
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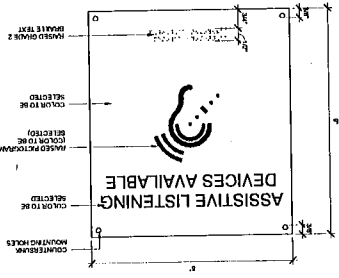
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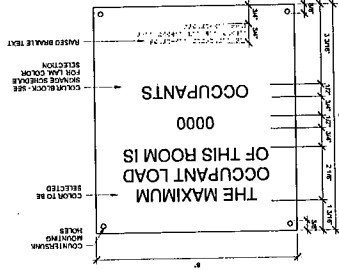
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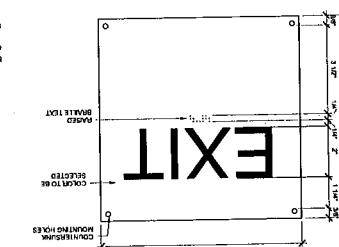
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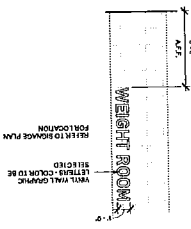
SIGN TYPE "D"



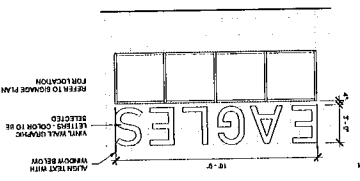
SIGN TYPE "C"



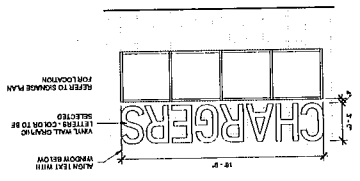
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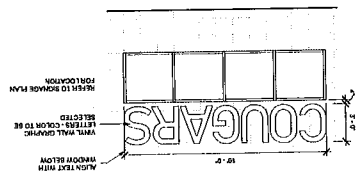
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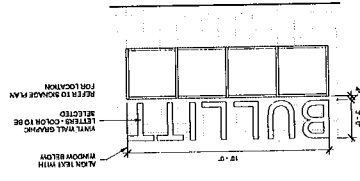
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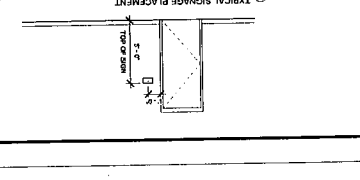
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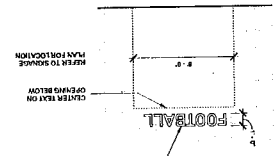
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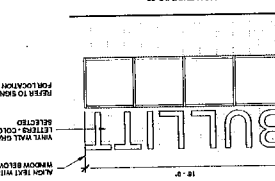
SIGN TYPE "Q.4"



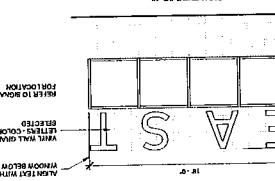
SIGN TYPE "Q.6"



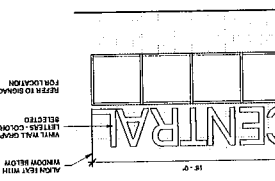
SIGN TYPE "Q.8"



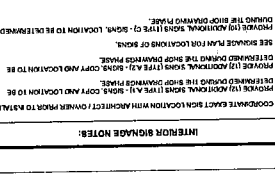
SIGN TYPE "Q.4"



SIGN TYPE "Q.2"

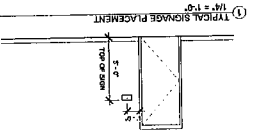


SIGN TYPE "Q.4"



INTERIOR SIGNAGE NOTES:

- COORDINATE EXACT SIGN LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- PROVIDE (1) MONITORING SIGN (TYPE A.1), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (2) ADDITIONAL SIGN (TYPE A.2), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (3) ADDITIONAL SIGN (TYPE A.3), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (4) ADDITIONAL SIGN (TYPE A.4), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (5) ADDITIONAL SIGN (TYPE A.5), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (6) ADDITIONAL SIGN (TYPE A.6), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (7) ADDITIONAL SIGN (TYPE A.7), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (8) ADDITIONAL SIGN (TYPE A.8), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (9) ADDITIONAL SIGN (TYPE A.9), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (10) ADDITIONAL SIGN (TYPE A.10), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (11) ADDITIONAL SIGN (TYPE A.11), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (12) ADDITIONAL SIGN (TYPE A.12), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (13) ADDITIONAL SIGN (TYPE A.13), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (14) ADDITIONAL SIGN (TYPE A.14), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (15) ADDITIONAL SIGN (TYPE A.15), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (16) ADDITIONAL SIGN (TYPE A.16), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (17) ADDITIONAL SIGN (TYPE A.17), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (18) ADDITIONAL SIGN (TYPE A.18), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (19) ADDITIONAL SIGN (TYPE A.19), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.
- PROVIDE (20) ADDITIONAL SIGN (TYPE A.20), SIGN COPY AND LOCATION TO BE PROVIDED DURING THE SHOP DRAWING PHASE.



100% CONSTRUCTION DOCUMENTS - FOR BOARD REVIEW

SIGNAGE TYPES
DRAWN BY: SPC/CM
CHECKED BY: SPC/CM
DATE: 06/20/2023
REV: 25-145
A9.10
2023-50.1



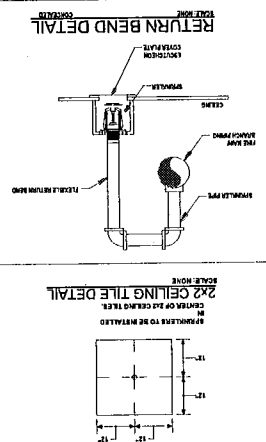
studio j. j. architects
1331 S. 3rd St., Suite 100, New York, NY 10003
TEL: (212) 691-1100 FAX: (212) 691-1101
www.studiojj.com

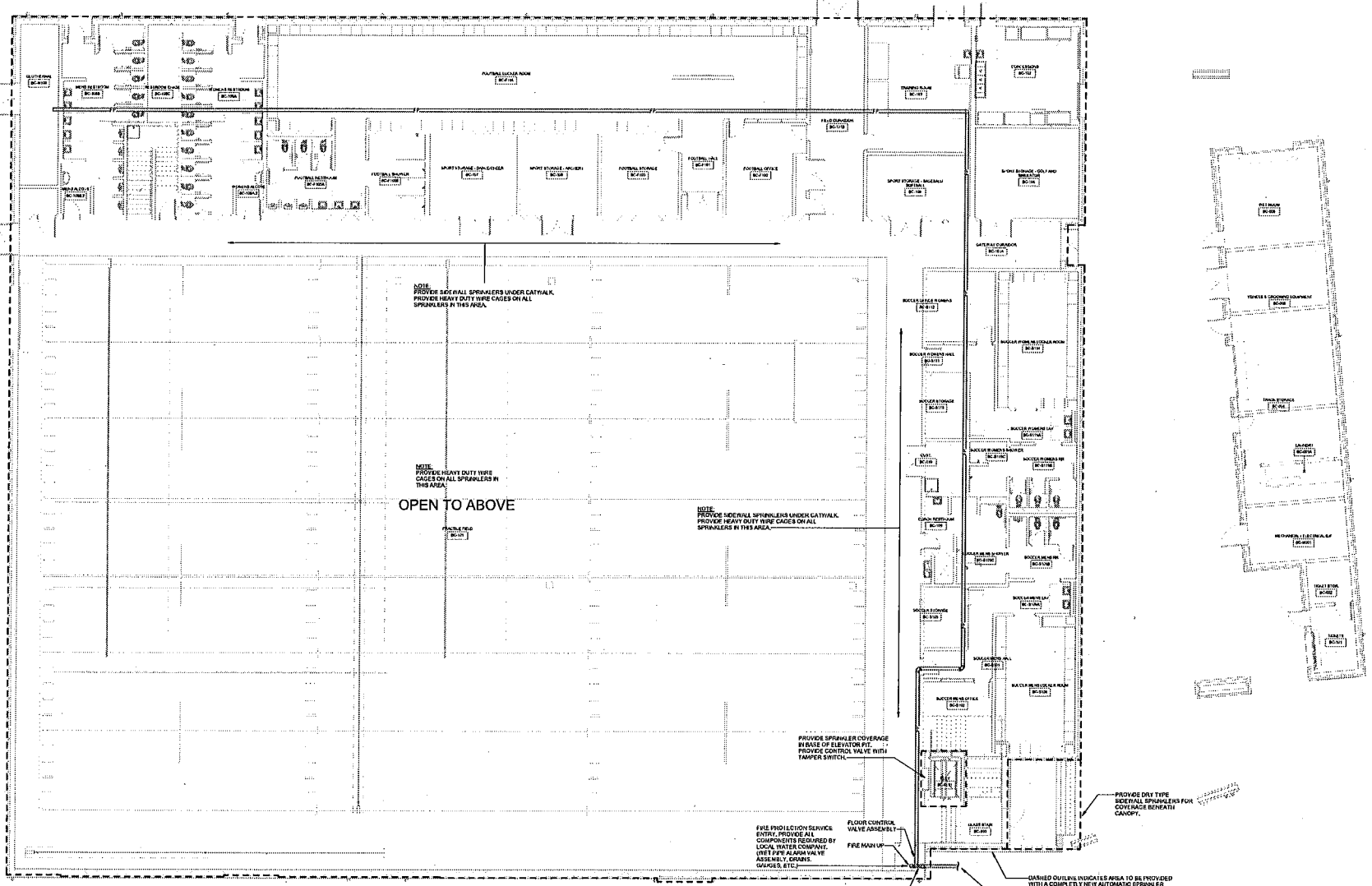
GENERAL FIRE PROTECTION NOTES:

[illegible]

EXISTING FLOW TEST

QUALITY CENTRAL HIGH SCHOOL	
8 DATE:	81 psi
REMARKS:	25 psi
FLOW:	1.50 gpm
DATE:	9/26/2024
LOCATION:	1333 KY 44, SHEPHERDSTOWN, KY 40165
BY:	LOUISVILLE WATER COMPANY





1 Bullitt Central - Fire Protection - Level 1
SCALE: 1/8" = 1'-0"

INDICATE DOOR MECHANISMS AS TO BE PROVIDED
 PROVIDE IN ACCORDANCE WITH ALL APPLICABLE
 CODES, RULES, AND LOCAL ORDINANCES.

PROVIDE SPRINKLER COVERAGE
 IN TOP OF EXISTING SLAB
 PROVIDE CONTROL VALVE WITH
 FLOOR CONTROL
 VALVE ASSEMBLY
 FIRE MAIN DOWN

OPEN TO BELOW

1 Bullitt Central - Fire Protection - Level 2
 SCALE: 1/8" = 1'-0"

REVISIONS:
 CHECKED BY: JPM
 DATE: 09/04/2023
 RCH: 25-145

BULLITT CENTRAL - FIRE
 PROTECTION - LEVEL 2
 PHASE III: PHYSICAL SCIENCE CENTER
 MULTI-COMPARTMENT SCHOOL
 08-25-24



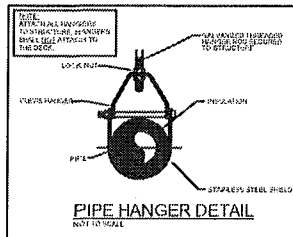
studio jordan architects
 1221 S. Duval St. Louisville, KY 40203
 TEL: 502.582.1100 FAX: 502.582.1101



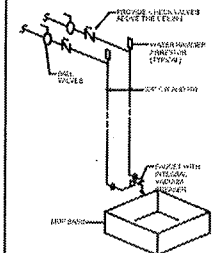
100% CONSTRUCTION DOCUMENTS

FP2.02

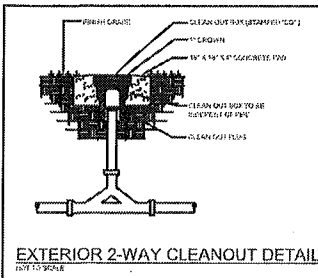
2023-50.1



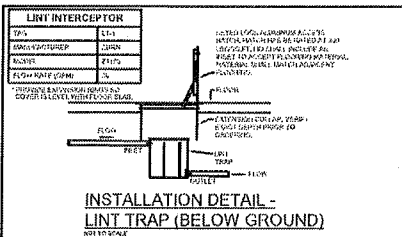
PIPE HANGER DETAIL
NOT TO SCALE



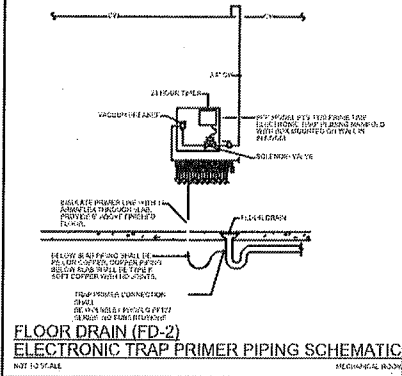
MOP BASIN DETAIL (P-6)
NOT TO SCALE



EXTERIOR 2-WAY CLEANOUT DETAIL
NOT TO SCALE



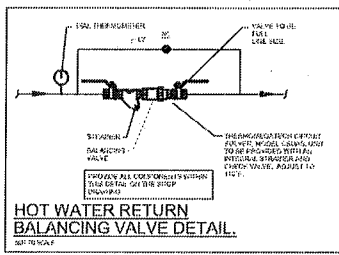
INSTALLATION DETAIL -
LINT TRAP (BELOW GROUND)
NOT TO SCALE



FLOOR DRAIN (FD-2)
ELECTRONIC TRAP PRIMER PIPING SCHEMATIC
NOT TO SCALE

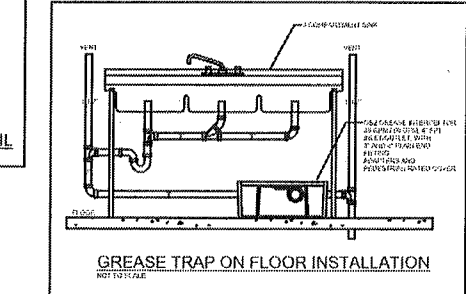
PLUMBING FIXTURE SCHEDULE					
DESIGNATOR	FIXTURE	OW	HW	5/4"	VENT
P-1	WATER CLOSET - FLOOR SET	1-1/4"	--	4"	2"
P-1A	WATER CLOSET - FLOOR SET - ADA	1-1/4"	--	4"	2"
P-2	LAVATORY, WALL HUNG	1/2"	1/2"	2"	1-1/2"
P-2A	LAVATORY, WALL HUNG - ADA	1/2"	1/2"	2"	1-1/2"
P-3	URINAL	3/4"	--	2"	1-1/2"
P-3A	URINAL - ADA	3/4"	--	2"	1-1/2"
P-5	ELEC. WATER COOLER - 2 STATION - BOTTLE FILLER	1/2"	--	2"	1-1/2"
P-6	JUNIOR SINK	1/2"	1/2"	2"	1-1/2"
P-7	WASHER SINK	1/2"	1/2"	2"	1-1/2"
P-8	ICE MAKER / COFFEE MAKER WATER CONNECTION BOX	1/2"	--	--	--
P-9	SHOWER	1/2"	1/2"	2"	1-1/2"
P-9A	SHOWER - ADA	1/2"	1/2"	2"	1-1/2"
P-10	3 COMPARTMENT SINK/POY OF USE GREASE TRAP	1/2"	1/2"	2"	1-1/2"
LT-1	LINT INTERCEPTOR	--	--	--	--
HD	HOSE BIB	1/2"	--	--	--
PPWH	FREEZE PROOF WALL HYDRANT	1/2"	--	--	--
FD-1	TOILET ROOM FLOOR DRAIN	--	--	3"	1-1/2"
FD-2	KITCHEN FLOOR DRAIN - TRAP PRIMER	--	--	3"	1-1/2"
FD-3	KITCHEN FLOOR DRAIN	--	--	4"	2"
FD-4	HEAT PUMP CLOSET FLOOR DRAIN - TRAP PRIMER	--	--	4"	2"
FL-1	FLOOR LINK	--	--	4"	2"
RD-1	RE-ENTRY ROOF DRAIN WITH 45° PRIMARY OUTLET CONNECTION	--	--	--	--

1. ALL
 2. ITEM SIZED AS SHOWN OR INDICATED UNLESS OTHERWISE NOTED ON FLOOR PLANS AND FLOOR DIAGRAM
 3. SINKS: 2" SINKS:

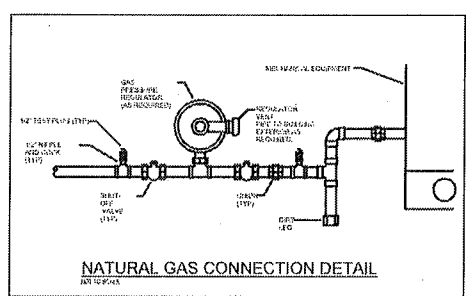


HOT WATER RETURN
BALANCING VALVE DETAIL
NOT TO SCALE

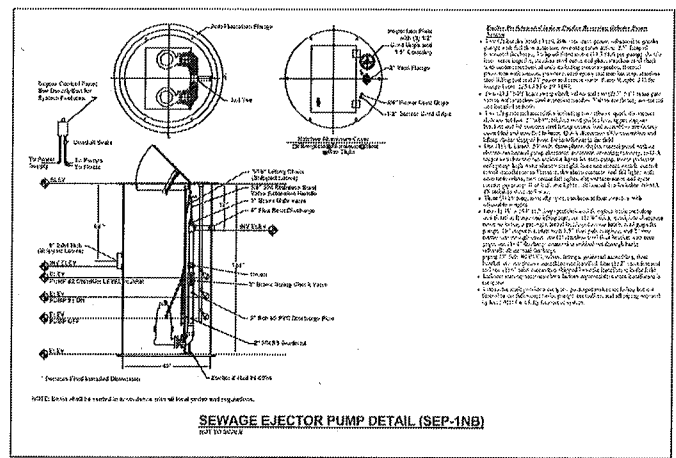
PLUMBING LEGEND	
ABOVE FINISHED FLOOR	AF
CLEANOUT	CO
COLD WATER	CW
DOMESTIC WATER CIRCULATING PUMP	DP
EXPANSION TANK	ET
EXTERIOR CLEANOUT	ECO
FLOOR DRAIN	FD
FREEZE PROOF WALL HYDRANT	FPWH
GENERAL CONTRACTOR	GC
HOSE BIB	HB
HOT WATER	HW
HANDRAIL	HR
HOT TO COOL	HTC
OPEN RECEPTACLE	OR
POLYVINYL CHLORIDE	PVC
PUMP DISCHARGE	PD
SLURRY PUMP	SP
TYPICAL	TP
VENT THROUGH ROOF	VTR
WATER HEATER	WH
SANITARY PIPING	SP
SANITARY VENT PIPING	SV
DOMESTIC COLD WATER PIPING	CW
DOMESTIC HOT WATER PIPING (150° F)	HW
DOMESTIC HOT WATER RETURN PIPING (140° F)	HR
NATURAL GAS PIPING	NG
NATURAL GAS PIPING (2-8 PIPES)	NG
HEUR VALVE DISCHARGE	VD
PRESSURE RELIEF VALVE	PRV
UNION	U
DIGITAL THERMOMETER	DT
PRESSURE GAUGE	PG
SAVE VALVE	SV
BALANCING VALVE	BV
SHOCKING VALVE	SV
GAS SHUT-OFF VALVE	GSV
CHECK VALVE	CV
DOUBLE CHECK VALVE ASSEMBLY	DCVA
BALL VALVE	BV
BALL VALVE IN RISER	BVIR
PIPING ELBOW (TURNED UP/DOWN)	ELB
PIPING TEE (TURNED UP/DOWN)	TEE
REDUCED PRESSURE BACKFLOW PREVENTER	RBP



GREASE TRAP ON FLOOR INSTALLATION
NOT TO SCALE



NATURAL GAS CONNECTION DETAIL
NOT TO SCALE

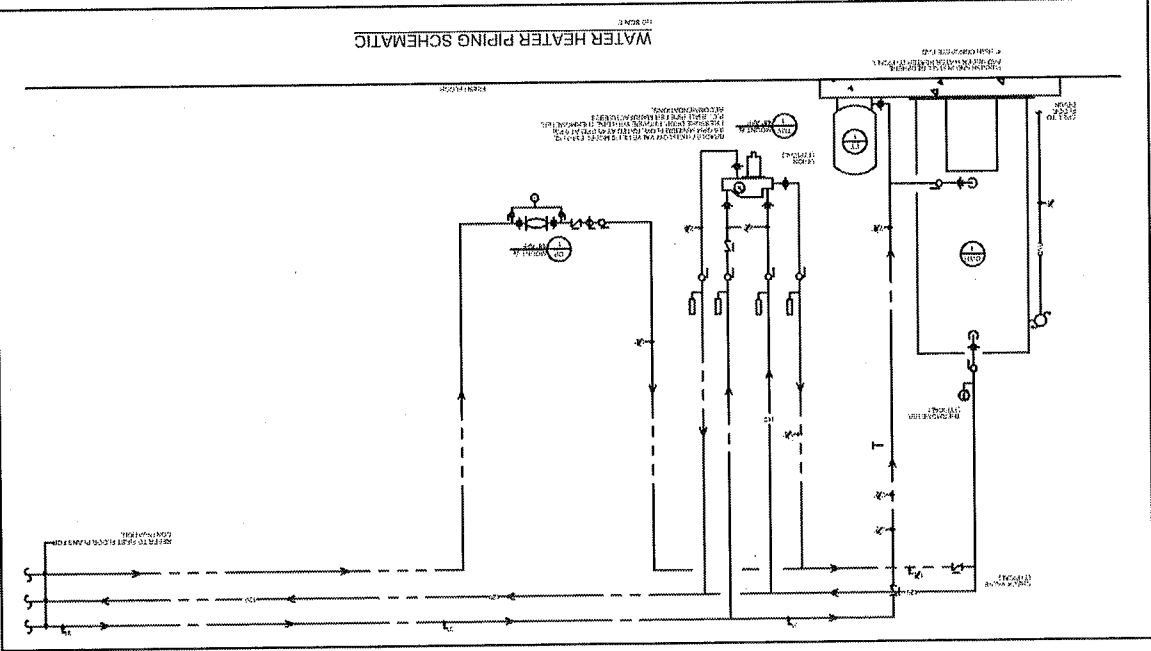
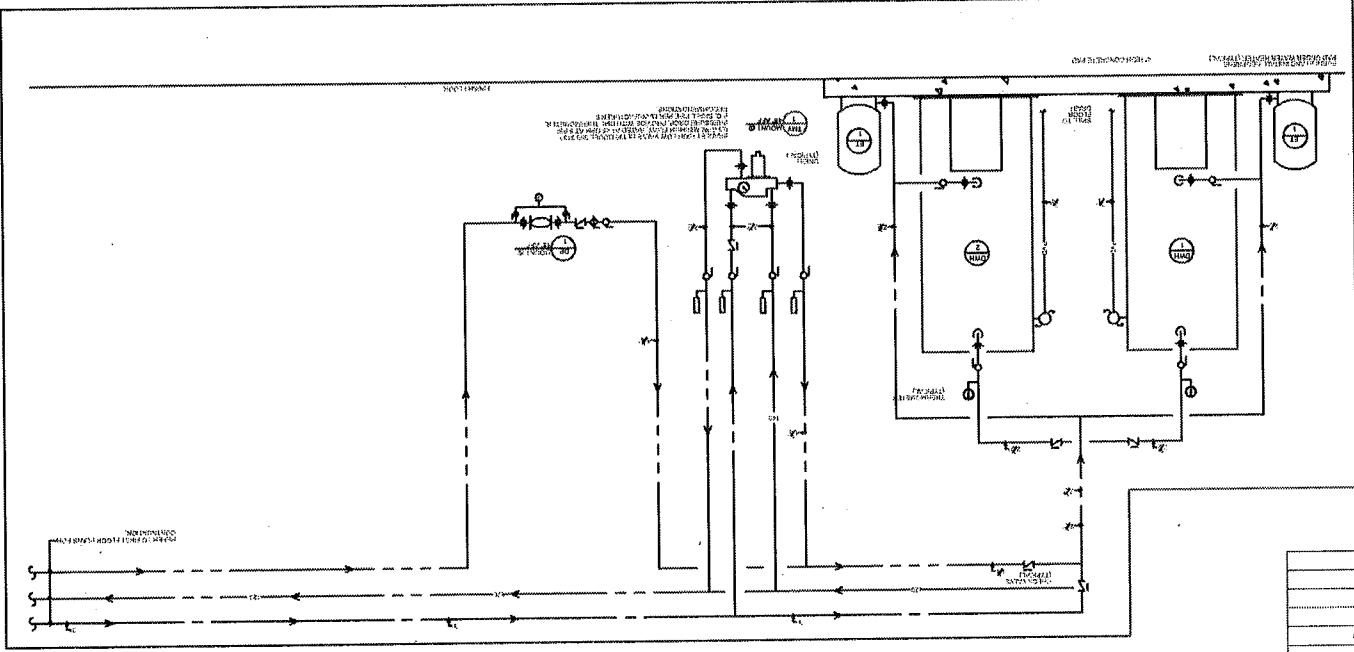
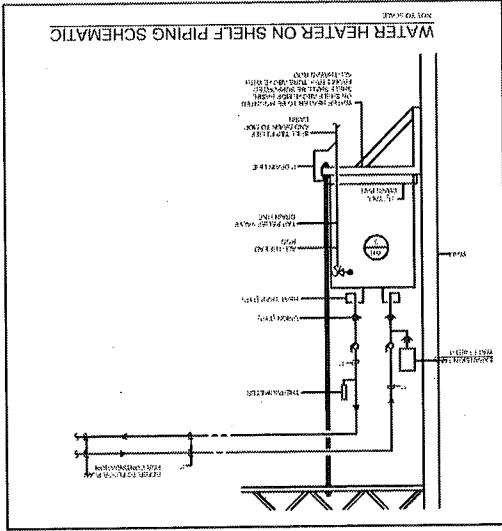


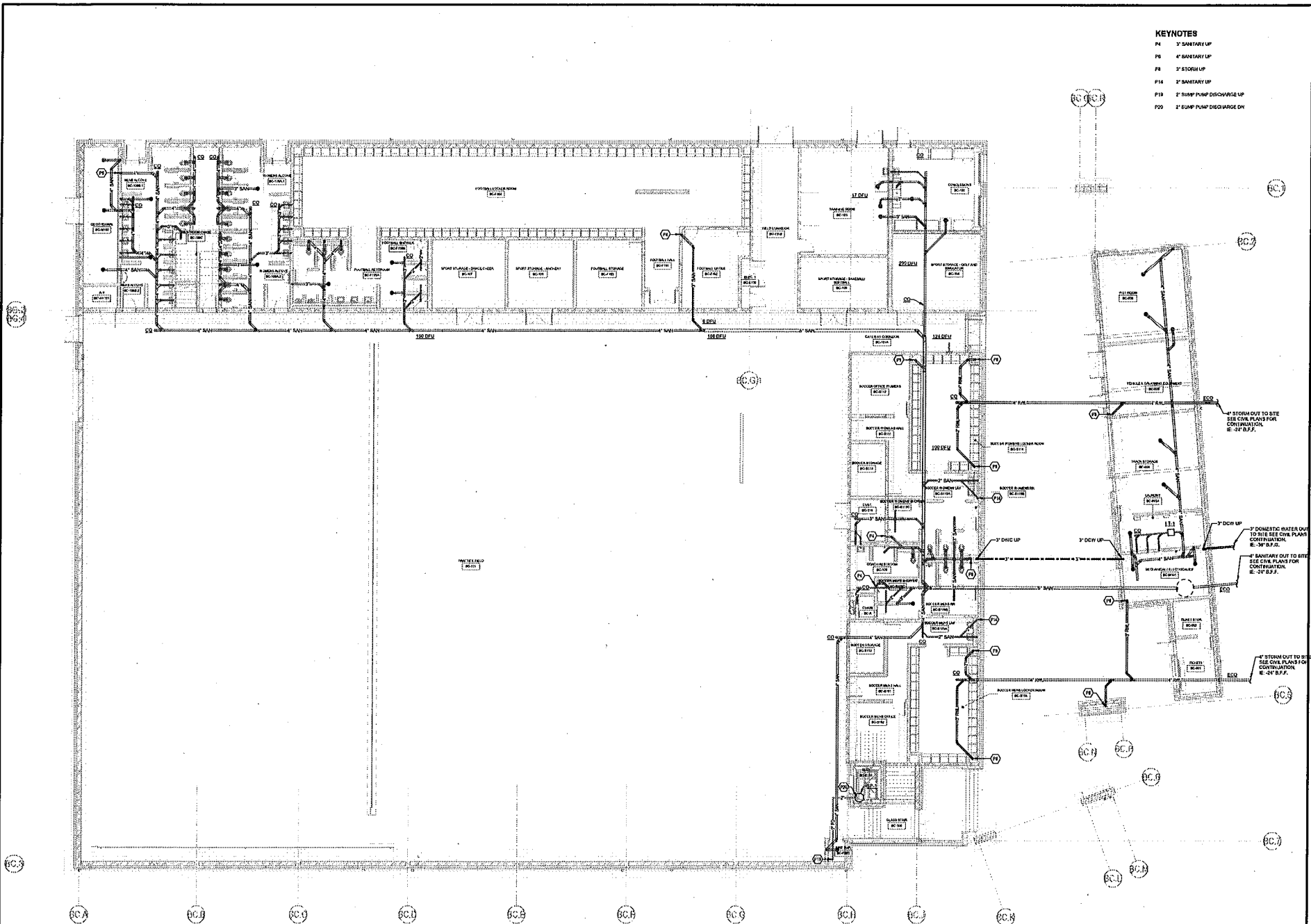
SEWAGE EJECTOR PUMP DETAIL (SEP-1NB)
NOT TO SCALE

RECIRCULATING PUMP	
TYPE	REC-1
MANUFACTURER	REC-1
MODEL	REC-1
SIZE	1/2"
VOL. CAP. (GPM)	100
MAX. HEAD (FT)	100
MAX. FLOW (GPM)	100
MAX. PRESS. (PSI)	100
MAX. TEMP. (°F)	100
MAX. HUMIDITY (%)	100
MAX. VIBRATION (mm/s)	100
MAX. NOISE (dB)	100
MAX. WEIGHT (LBS)	100
MAX. DIMENSIONS (LxWxH)	100x100x100

EXPANSION TANK	
TYPE	EXP-1
MANUFACTURER	EXP-1
MODEL	EXP-1
SIZE	1/2"
VOL. CAP. (GPM)	100
MAX. HEAD (FT)	100
MAX. FLOW (GPM)	100
MAX. PRESS. (PSI)	100
MAX. TEMP. (°F)	100
MAX. HUMIDITY (%)	100
MAX. VIBRATION (mm/s)	100
MAX. NOISE (dB)	100
MAX. WEIGHT (LBS)	100
MAX. DIMENSIONS (LxWxH)	100x100x100

WATER HEATER	
TYPE	WH-1
MANUFACTURER	WH-1
MODEL	WH-1
SIZE	1/2"
VOL. CAP. (GPM)	100
MAX. HEAD (FT)	100
MAX. FLOW (GPM)	100
MAX. PRESS. (PSI)	100
MAX. TEMP. (°F)	100
MAX. HUMIDITY (%)	100
MAX. VIBRATION (mm/s)	100
MAX. NOISE (dB)	100
MAX. WEIGHT (LBS)	100
MAX. DIMENSIONS (LxWxH)	100x100x100





- KEYNOTES**
- P4 3" SANITARY UP
 - P6 4" SANITARY UP
 - P8 3" STORM UP
 - P14 3" SANITARY UP
 - P19 2" SUMP PUMP DISCHARGE UP
 - P20 2" SUMP PUMP DISCHARGE DN

① Bullitt Central - Plumbing Below Slab - Level 1
SCALE: 1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

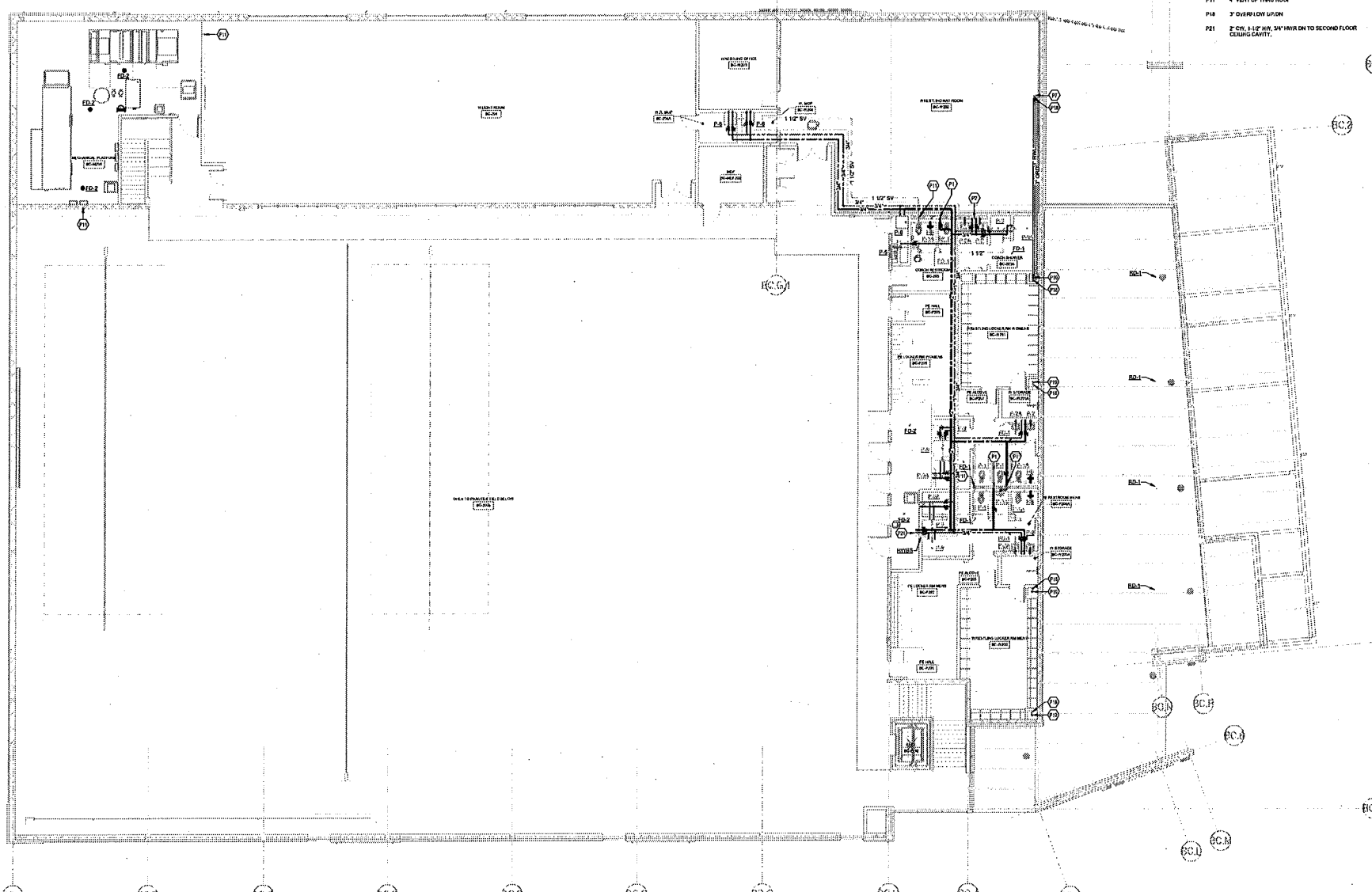
BULLITT CENTRAL - PLUMBING
BELOW SLAB - LEVEL 1
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT COUNTY PUBLIC SCHOOLS
DC 2024

BCF 25-145
DATE: 05.09.2023
DRAWN BY: AME
CHECKED BY: JHE
REVISIONS:

2023-50.1

P2.00





- KEYNOTES**
- P1 EXTEND 2" CW LINE DOWN IN CHASE, ROUTE 2" CW LEADER HORIZONTAL IN CHASE TO FUTURE AND CONNECT, FURNISH AND INSTALL WATER HAMMER AND STOP VALVE.
 - P2 EXTEND 1/2" CW AND 1/2" HW DOWN IN CHASE, ROUTE CW HW LEADER HORIZONTAL IN CHASE TO FUTURE AND CONNECT, FURNISH AND INSTALL WATER HAMMER AND STOP VALVE AS REQUIRED.
 - P3 4" SANITARY ON
 - P4 3" STORM VENT
 - P5 4" VENT UP THRU ROOF
 - P6 3" OVER FLOW VENT
 - P7 2" CW, 1/2" HW, 3/4" HW ON TO SECOND FLOOR CEILING CAVITY.

1 Bullitt Central - Plumbing - Level 2
SCALE: 1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

BULLITT CENTRAL - PLUMBING - LEVEL 2
PHASE III - PHYSICAL SCIENCE CENTER
MAJORITY COUNTY PUBLIC SCHOOLS
RD 25.147

BC# 25-145
DATE: MAY 2023
DRAWN BY: JWE
CHECKED BY: JWE
REVISIONS:

2023-50.1

P2.02

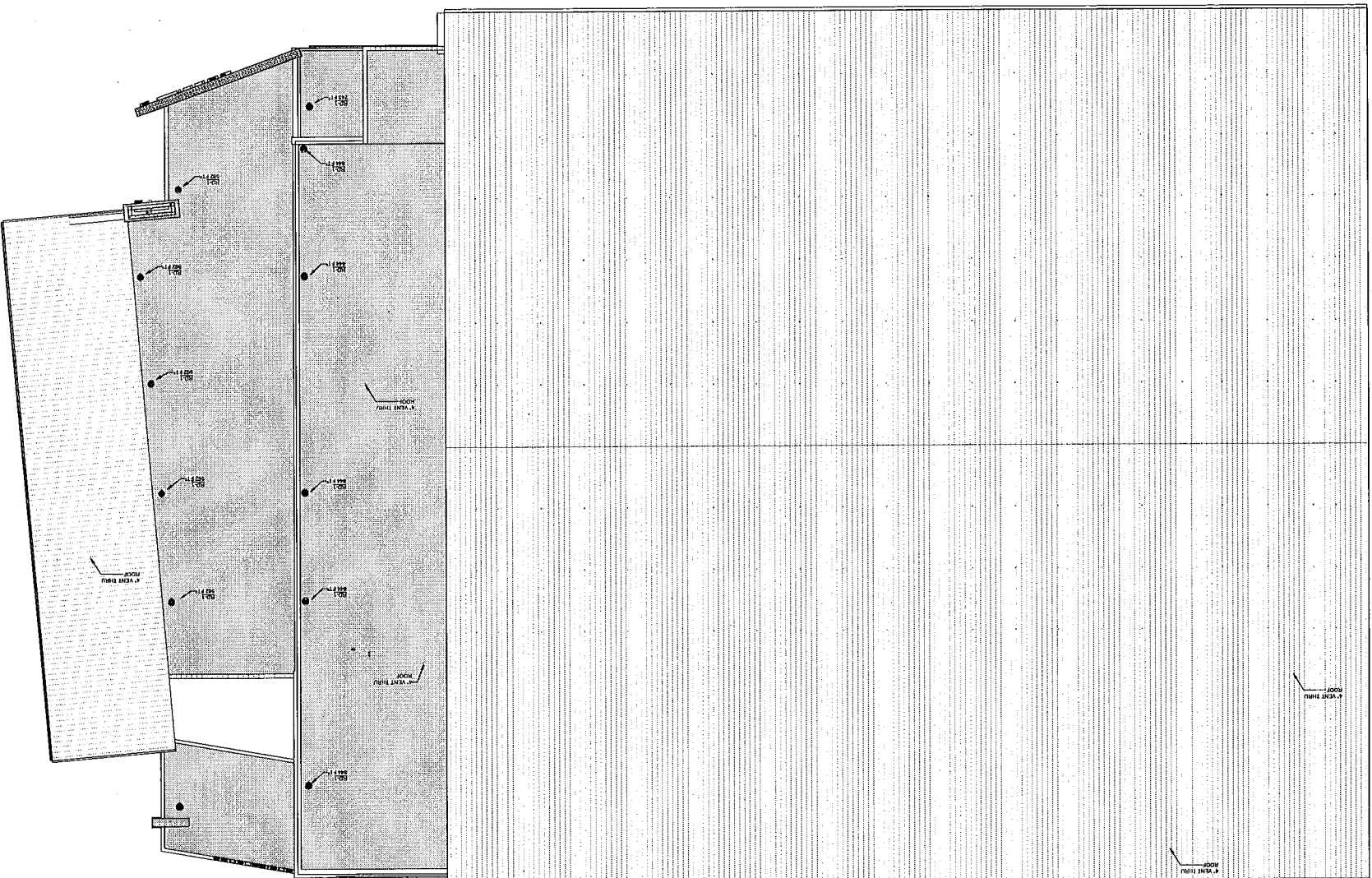


studio kremer architects
1231 S. 2nd St., Louisville, KY 40203
TEL: (502) 581-1122 FAX: (502) 581-1101



1 Bullitt Central - Plumbing - Roof

SCALE



100% CONSTRUCTION DOCUMENTS

REVISIONS:
DATE: 08/08/2023
DRAWN BY: JME
CHECKED BY: JME

BC# 25-145

BULLITT CENTRAL - PLUMBING -
ROOF PLAN
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT CORPORATION
08.25.24



LOOKING FORWARD



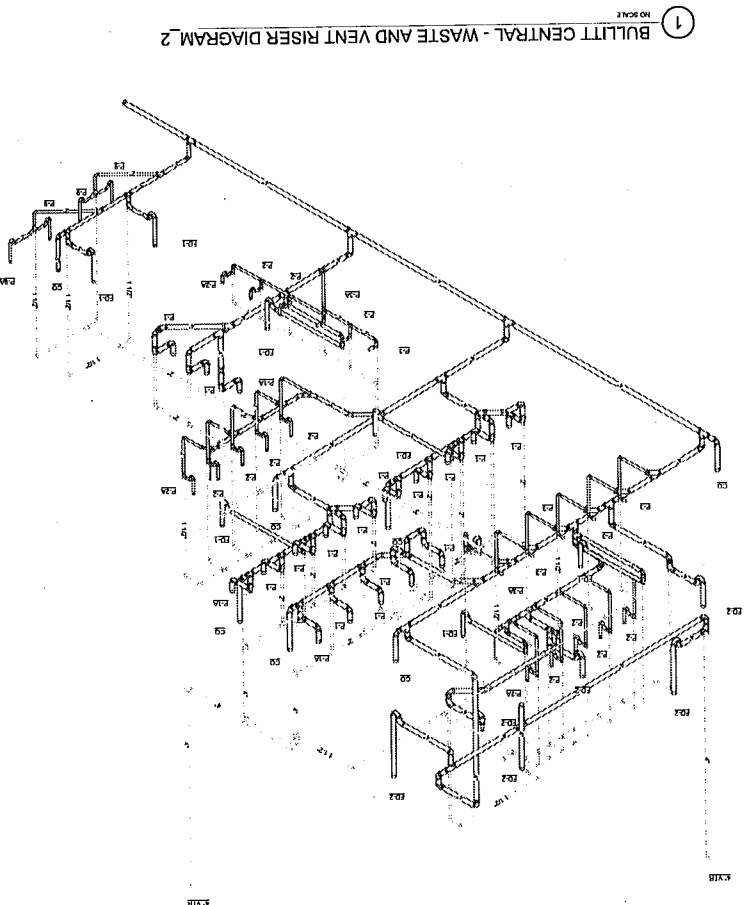
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

studio | jrcm architects
120 S. 9th St., Suite 200, NY 10003
Tel: 646.251.1100 Fax: 646.251.1101



P2.03

2023-50.1



100% CONSTRUCTION DOCUMENTS

P4.02

2023-50.1

REVISIONS:
DATE: 03/02/23
DRAWN BY: JME
CHECKED BY: JME

BC# 25-145

BULLITT CENTRAL - WASTE & VENT
RISER DIAGRAM
PHASE III: PHYSICAL SCIENCE CENTER
BULLITT COUNTY/STATE SCHOOLS
03/23/23

BC
DRAWING FORWARD

CMTA
A LEEDS COMPANY
1000 Pennsylvania Avenue, Suite 1000, Washington, DC 20004
202.462.1100

studio foramer architects
1231 8 Street SE, Seattle, WA 98104
206.462.1100

A

Sheet List - Mechanical	
SHEET #	SHEET NAME
M1.00	MECHANICAL LEGEND AND GENERAL NOTES - BPI
M1.01 BOYS	BASISBALL/SOFTBALL FIELD BUILDINGS - MECHANICAL - BOYS
M1.02 BOYS	BASISBALL/SOFTBALL FIELD BUILDINGS - MECHANICAL - BULLITT EAST
M1.03 NEWS	BASISBALL/SOFTBALL FIELD BUILDINGS - MECHANICAL - NORTH BULLITT
M2.01	MECHANICAL DETAILS
M3.01	MECHANICAL SCHEDULES

AC	ALTERNATING CURRENT
ADJ	ADJUSTABLE
AF1	Above 1 FISHED FLOOR
AFR	ABOVE 1 FINISHED ROOF
AFVE	ANNUAL FUEL UTILIZATION EFFICIENCY
AFV	AUTHORITY HAVING JURISDICTION
AFWFE	AFWFE (AFW, AFWF)
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APD	AIR PRESSURE DROP
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR-CONDITIONING ENGINEERS
ATU	AIR TERMINAL UNIT
AVG	AVERAGE
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
CAP	CAPACITY
CAV	CONSTANT AIR VOLUME
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CL	CASE STUDY
CLG	CEILING
CLR	CLEAR
CO	CANNON PROVIDOR
CEE	CANONIC DESIGN
COND	CONDENS (E, EX, ENG, ATION, AFE)
CONT	CONTIN (E, D, -G)
CU FT	CUBIC FEET
CU IN	CUBIC INCHES
CV	VALVE FLOW COEFFICIENT
DB	DECEMBER
DB	DRY BULB
DBT	DRY BULB TEMPERATURE
DC	DIRECT CURRENT
DD	DUCT SMOKE DETECTOR
DDC	DIRECT DIGITAL CONTROLS
DWG	DRAWING (S)
DOA	DOSIMETER (S)
DN	DOWN
DWG	DRAWING
EAT	ENTERING AIR TEMPERATURE
ECC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION (TOR)
ENGR	ENGINEER
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
ETA	ESTIMATING TO HUMAN
EWSP	EWSPORT (E, -ING, -D, -OL, -ING)
EWT	ENTERING WATER TEMPERATURE
EXP	EXPANSION
EXT	EXTERIOR
FA	FREE AREA

FD	FIRE DAMPER
FI	FLOOR
FIA	FULL LOAD AMPS
FIB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET ON FOOT
FUT	FUTURE
FV	FACE VELOCITY
GA	GAGE/GAUGE
GAL	GALLON (US)
GC	GENERAL CONTRACTOR
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRADING
H	HARDENED
HD	HEAD
HG	HELECTRIC
HORIZ	HORIZONTAL
HP	H (HORIZONTAL, -EAT RUMF)
HR	HOUR (S)
HVAC	HEATING, VENTILATING, & AIR-CONDITIONING
IN	INCHES
ID	I (IDENTIFICATION, -INSIDE DIAMETER, -INSIDE DIMENSIONS)
IN	INCH (ES)
INSL	INSULAT (ES, -VOR)
INT	INTER (S, -SIGNAL)
IPS	IRON PIPE SIZE
IR	IRRADIANCE
LYH	LOWEST HOUR
LAB	LEAVING AIR TEMPERATURE
LB	POUNDS
LF	LINEAR FEET/FOOT
LRA	LOCKED ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBS	BTU PER HOUR (THOUSANDS)
PBA	PENUMBRAL CIRCUIT AMPS
PMFG	PMANUFACTURER
PMN	PMEN (-LUMP, -ITE)
PMSC	PERICULANOUS
PMOP	PMAXIMUM OVERCURRENT PROTECTION (AMPS)
PMOUTING	PMOUNTING
N/A	NOT APPLICABLE
NC	NORSE OFFSETS OR NORMALLY CLOSED
NED	NATIONAL ENVIRONMENTAL BALANCING BUREAU
NOC	NOT IN CONTRACT

NO	NOMINALLY OPEN OR NUMBER
NIS	NOT TO SCALE
OC	ON CENTER
OO	OUTSIDE DI (AMBLTR, HEMISGN)
CFIC	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFIC	OWNER FURNISHED, CONTRACTOR INSTALLED
OFIC	OWNER FURNISHED, OWNER INSTALLED
OR	OPEN RACE PLATE
OS	OWNER (-S)
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PH	PHASE (ELECTRICAL)
PLBS	PLUMBING
PPH	PARTS PER HOUR
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE (STEAM, WATER, GAS)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	PSIG GUAGE
RH	RELATIVE HUMIDITY (%)
RLA	RUNNING LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SD	SMOKE DAMPER
SP	STATIC PRESSURE
SQ	SQUARE
SQ FT	SQUARE FEET OR FOOT
SQ IN	SQUARE INCH OR INCHES
TAB	TESTING AND BALANCING
TBD	TO BE DETERMINED
TL	TOP ELEVATION
TEMP	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VOLT (-AGE, -ES)
VAV	VAVE (-AINS, -IES)
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY
VHZ	VARIABLE FREQUENCY DRIVE
W	WATT (-AGE, -S)
WB	WET BULB
WB	WET BULB TEMPERATURE
WPD	WATER PRESSURE DROP
WT	WEIGHT
WU	WET
W/H	W/INCH
%	PERCENT
ΔP	DIFFERENTIAL PRESSURE
ΔT	TEMPERATURE DIFFERENCE
Ø	CENTERLINE

[illegible]

	PPE ELBOW TURNING UP
	PPE ELBOW TURNING DOWN
	PPE TEE, CONNECTION ON TOP
	PPE TEE, CONNECTION ON BOTTOM
	PPE CAP
	BOXER FLOWMETER
	COMBUSTION AIR INTAKE/EXHAUST
	CHILLED WATER SUPPLY RETURN
	CONDENSATE DRAIN
	CHILLED WATER SUPPLY RETURN
	CLEAN STEAM PIPING
	CONDENSER WATER SUPPLY RETURN
	DUAL TEMP. WATER SUPPLY RETURN
	GEOTHERMAL WATER SUPPLY RETURN
	LOW PRESSURE STEAM CONDENSATE
	HIGH PRESSURE STEAM (H) DENOTES PRESSURE
	HEAT PUMP WATER SUPPLY RETURN
	HEAT RECOVERY SUPPLY RETURN PIPING
	HEATING WATER SUPPLY RETURN
	LOW PRESSURE STEAM CONDENSATE
	LOW PRESSURE STEAM (L) DENOTES PRESSURE
	MEDIUM PRESSURE STEAM RETURN
	MEDIUM PRESSURE STEAM (M) DENOTES PRESSURE
	STEAM CONDENSATE PUMPED DISCHARGE
	STEAM VENT PIPING
	PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM
	GASTIGHT PIPING - (XXX) DENOTES SYSTEM
	ABANDONED IN PLACE PIPING - (XXX) DENOTES SYSTEM
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT (AAV)
	MANUAL AIR VENT (MAV)
	MANUAL BALANCING VALVE (BV)
	BALL VALVE
	BUTTERFLY VALVE
	TRAP/DUFFY VALVE (TDV)
	STRAINER
	MANUAL ISOLATION VALVE
	GLOBE VALVE
	GRAY GATE VALVE
	PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.)
	AUTO-FLOW CONTROL VALVE
	CHECK VALVE
	DOUBLE CHECK VALVE ASSEMBLY
	FLEXIBLE PIPE CONNECTION
	HDDY PIPER (HDDY)
	JUMP UNION
	FLOW SWITCH
	PRESSURE SWITCH
	TAPER SWITCH
	THERMISTOR

[illegible]

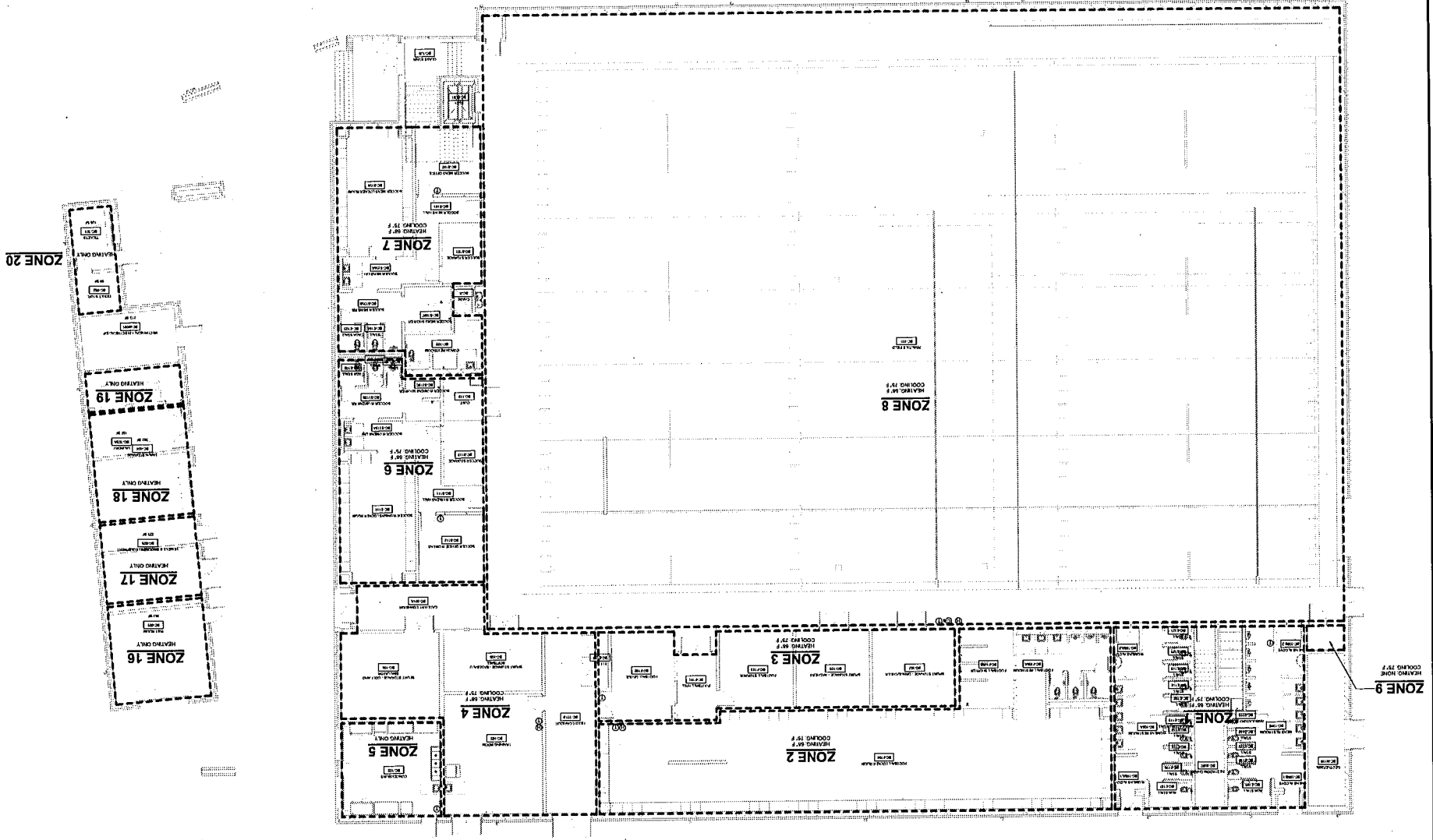
A THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE THE TIES AND INTERACTIONS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN EXAMPLE, PLUMBING GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, AND THE SERVICE OF THE BUILDING WILL BE AFFECTED AND MUST BE REPLACED OR MOVED DURING THIS PROJECT. THE CONTRACTOR SHALL INSTALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND ADJ. FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EX. SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BARE ANY COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, INCLUDING RELOCATING, PHASED-IN, TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL SCHED. WORK WITH THE OTHER AND APPLICABLE UTILITIES. CONTRACT DOCUMENTS.

APPLICABLE BUILDING CODES		
APPLICABLE BUILDING CODES	DOCUMENT	YEAR
ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	ADA A117.1	2008
FIRE SMOKEHOLE CODE	NFPA 13	2015
INTERNATIONAL BUILDING CODE (IBC)	STATE EDITION	2015
INTERNATIONAL ENERGY CONSERVATION CODE (IECC) BUREAU 90.1	STATE EDITION	2012 (2009)
INTERNATIONAL FIRE CODE (IFC)	STATE EDITION	2015
INTERNATIONAL FUEL GAS CODE (IFGC)	STATE EDITION	2015
INTERNATIONAL MECHANICAL CODE (IMC)	STATE EDITION	2015
INTERNATIONAL PLUMBING CODE (IPC)	STATE EDITION	2015
INTERNATIONAL EXISTING BUILDING CODE (IEBC)	STATE EDITION	2009
NATIONAL ELECTRIC CODE (NEC)	NFPA 70	2017
NATIONAL FIRE ALARM & SIGNALING CODE	NFPA 72	2015
UNIFORM STATEWIDE BUILDING CODE		2018

1

Bullitt Central - HVAC Zoning Plan - First Floor

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



100% CONSTRUCTION DOCUMENTS

BCHS
M1.11
2023-50

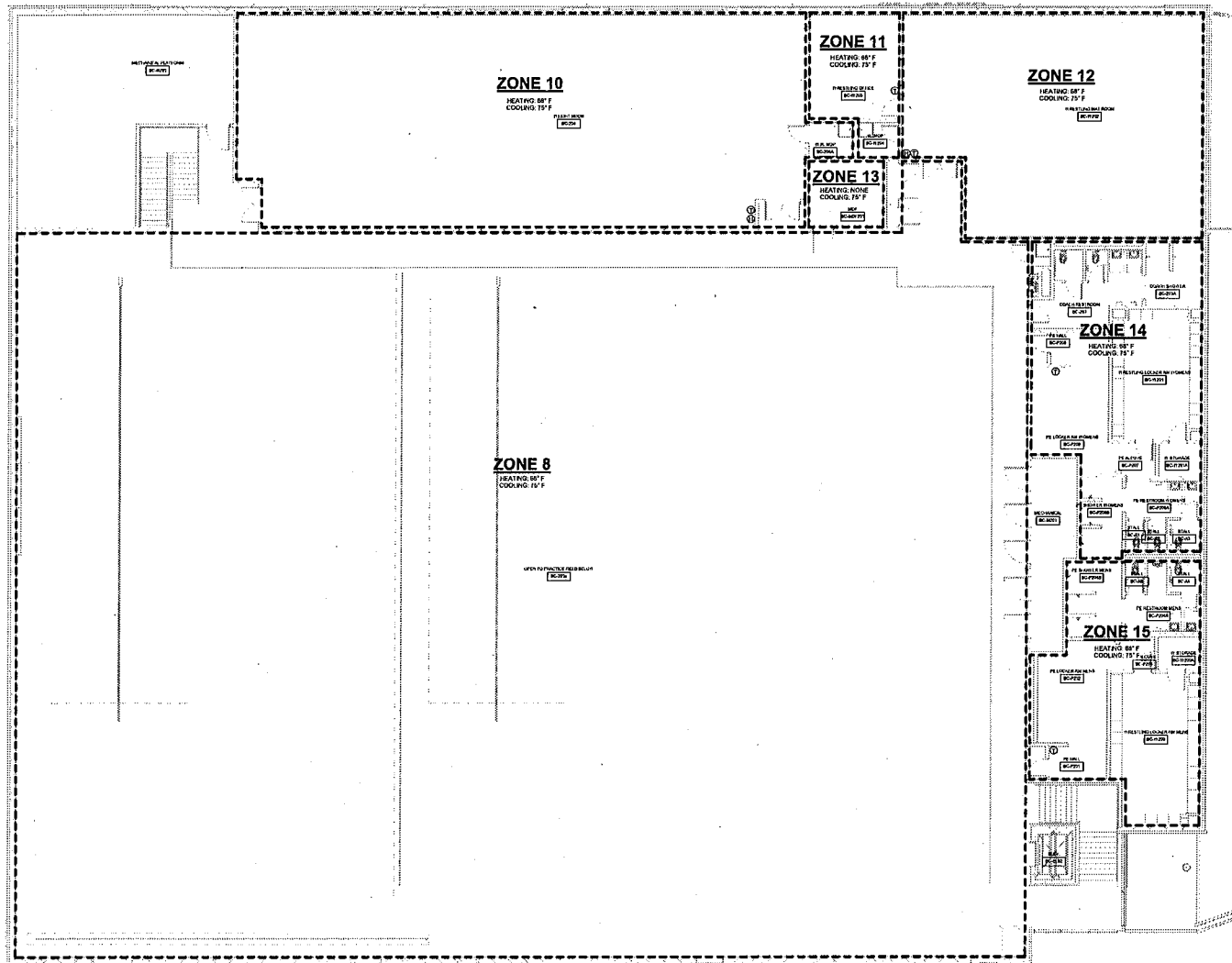
DATE: 08/20/23
DRAWN BY: JAB
CHECKED BY: JAB
REVISIONS:

BC# 24-192
HVAC ZONING PLAN - BULLITT
CENTRAL - LEVEL 1
BOYS PHASE II ATHLETICS
BULLITT COUNTY MIDDLE SCHOOL
SPRINGFIELD, MASSACHUSETTS



studio jennar architects
1331 S 9th St, Lombard, IL 60148
TEL: 630.461.1100 FAX: 630.461.1101





1 Bullitt Central - HVAC Zoning Plan - Second Floor
SCALE: 1/8" = 1'-0"

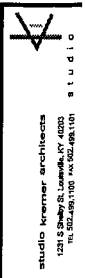
100% CONSTRUCTION DOCUMENTS

HVAC ZONING PLAN - BULLITT
CENTRAL - LEVEL 2
BCPS PHASE II ATHLETICS
BULLITT COUNTY PARK SCHOOLS
SHANNONVILLE, INDIANAPOLIS, INDIANA

BCP 24-192
DATE: 05.09.2023
DRAWN BY: JRM
CHECKED BY: JRM
REVISIONS:

2023-50

M1.12
BCHS



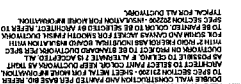
M2.01
BCHS

HC# 24-192
DATE : 05/09/2025
DRAWN BY : gje
CHECKED BY : jmf
REVISIONS :

**FIELD HOUSE FLOOR PLAN - AIR
DISTRIBUTION - BCHS- LEVEL 1**

CMTA
A LICENSE COMPANY
10000 Highway 200, Suite 100, Dallas, TX 75244-1100 • 972.342.1000

studio kremer architects
1231 S Shelby St, Louisville, KY 40203
TEL 502-499,1100 FAX 502-499,110

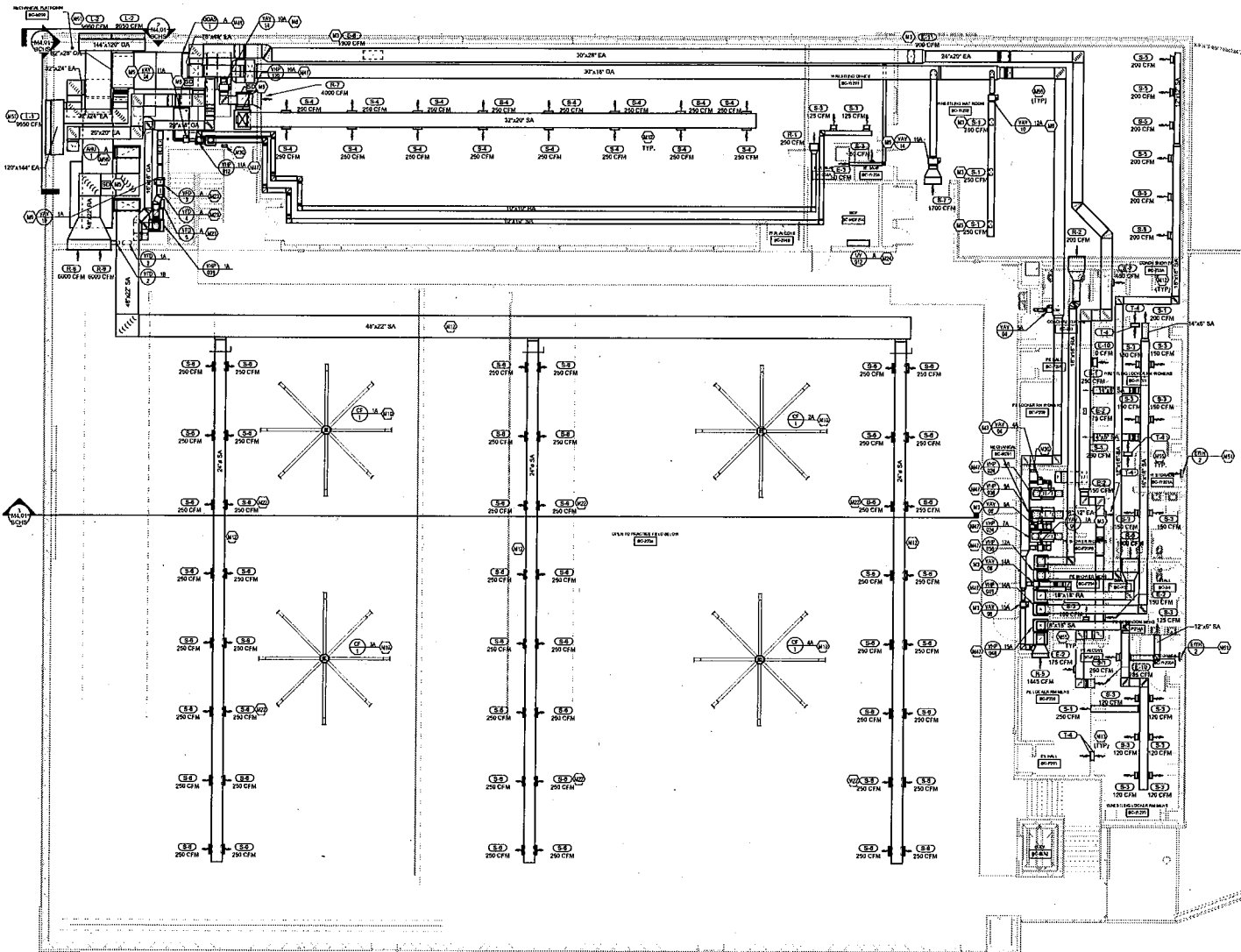


VAV-RUNOUT	14"	VAV-14
VAV-12	12"	VAV-12
VAV-10	8"	VAV-08
INLET ROUND	SIZE	MANOR
OUTLET DUCT SIZE		

KEYNOTES

KEYNOTES

NOTES



VAV RUNOUT SCHEDULE		
MARK	INLET ROUND SIZE	OUTLET DUCT SIZE
VAV-08	8"	12"x12"
VAV-10	10"	14"x14"
VAV-14	14"	18"x18"

- KEYNOTES**
- M01 FASTEN GRILLE TO BOTTOM OF INLET. REFER TO MANUFACTURER'S INSTALLATION MANUAL FOR DUCT MOUNTING INSTRUCTIONS.
 - M02 DUCT MOUNTED SMOKE DETECTOR, MOUNT WITH RETURN DUCT. REFER TO SMOKE AIR VAV RUN, REFER TO INSTALLATION DETAIL FOR MOUNTING INSTRUCTIONS.
 - M03 INSTALL FAN PER MANUFACTURER'S INSTRUCTIONS. MOUNT FAN FROM BOTTOM OF STRUCTURAL PURLIN. PROVIDE WITH MINIMUM 2" EXTENSION USE AND ACCESSORIES AS REQUIRED TO MOUNT FAN AND LOCATIONS SECTION VIEW ON SHEET M-02. FANS TO BE TESTED TO SMOKE FAN CONTROLLER. FAN TO BE TESTED TO SMOKE FAN CONTROLLER. COORDINATE FAN LOCATIONS WITH TRUSS FOR BATTENS. SMOKE EXHAUST STRUCTURAL AND ALL OTHER TRUSSES WORKING WITH IN PRACTICE FIELD PRIOR TO INSTALLATION. MANUFACTURER'S RECOMMENDATIONS.
 - M04 ALL DUCTWORK WITHIN PRACTICE FIELD TO REMAIN AS DOUBLE WALL INSULATION AND FINISHED PER SPEC FOR BASE 80 AND ALTERNATE 7.
 - M05 MOUNT TRANSFER GRILLES BY AFF. TYPICAL.
 - M06 ALL DIFFUSERS SHOWN IN PRACTICE FIELD TO BE ANKLED AS DECEES CONTINUOUS. REFER TO SECTION DETAIL FOR MORE INFORMATION. TYPICAL.
 - M07 MOUNT VAV BY AFF. VAV TO SERVE DOAS. SUPPLY FAN RETURN FAN AND SMOKE EXHAUST FAN.
 - M08 FLOOR MOUNTED CONSOLE HEAT PUMP.
 - M09 DDC CONTROL PANEL.
 - M10 VERTICAL HEAT PUMP. ALL VAV-RS AND SMALLER TO BE PLACED ON 2"ZC METAL STAND. ALL 1/2" LARGER VAV-RS TO BE PLACED ON 4" HOUSEKEEPING PAD AS SHOWN. REFER TO HEAT PUMP DETAIL FOR MORE INFORMATION.
 - M11 DOAS UNIT TO BE MOUNTED ON 4" HOUSEKEEPING PAD TO BE SIZED FOR FOOTPRINT 1/2" ON ALL SIDES. REFER TO DOAS SECTION DETAIL FOR MORE INFORMATION.
 - M12 ELECTRIC WALL HEATER MOUNT HEATER RECESSED IN WALL. PROVIDE HEATER WITH ALL ACCESSORIES TO RECESSED HEATER IN WALL.
 - M13 ALL DUCT WORK TO BE EXPLORED ON PROJECT. DUCTWORK TO BE DOUBLE WALL CONSTRUCTION AND FINISHED PER BASE 80. REFER TO SPEC SECTION 01100 - SHEET METAL FOR MORE INFORMATION. ARCHITECT TO SELECT PAINT COLOR. KEEP DUCTWORK AS NOT AS POSSIBLE TO CLEAN. IF ALTERNATE 7 IS ACCEPTED ALL DUCTWORK ON PROJECT TO BE STANDARD DUCTWORK. FLEXIBLE DUCTWORK TO BE PER SPEC. ALL INDUSTRIAL BOARD INSULATION WITH FOL. SCRM AND GUMMER JACKET FOR SMOOTH FLEXIBLE DUCTWORK TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT. REFER TO SPEC SECTION 02000 - INSULATION FOR MORE INFORMATION. TYPICAL FOR ALL DUCTWORK.
 - M14 FAN TO BE MOUNTED ON 4" HOUSEKEEPING PAD. PAD TO BE SIZED FOR FOOTPRINT OF UNIT. 1/2" ON ALL SIDES. REFER TO FAN SECTION DETAIL FOR MORE INFORMATION.
 - M15 12" VAV-R FAN MOUNTED LOUVERS. LOUVERS TO BE MATERIAL 3" ALUM. LOUVERS 1/2" TO BE UTILIZED TO BEING IN LARGE MECHANICAL EQUIPMENT. REFER TO SECTION VIEW ON WALL FOR MORE INFORMATION.
 - M16 12" REPAIR WALL MOUNTED LOUVERS. LOUVERS TO BE MOUNTED HORIZONTALLY. REFER TO SECTION VIEW ON WALL FOR MORE INFORMATION.

1 Bullitt Central - Air Distribution - Second Floor
SCALE: 1/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

FIELD HOUSE FLOOR PLAN - AIR DISTRIBUTION - BCHS - LEVEL 2
BCHS PHASE II ATHLETICS
BULLITT CENTRAL PROJECT

BC# 24-102
DATE: 06.08.2025
DRAWN BY: JIB
CHECKED BY: JIB
REVISIONS:
2023-50

M2.02
BCHS

CMTA
A LEBERTZ COMPANY

BSI
BUILDING SCIENCE INSTITUTE

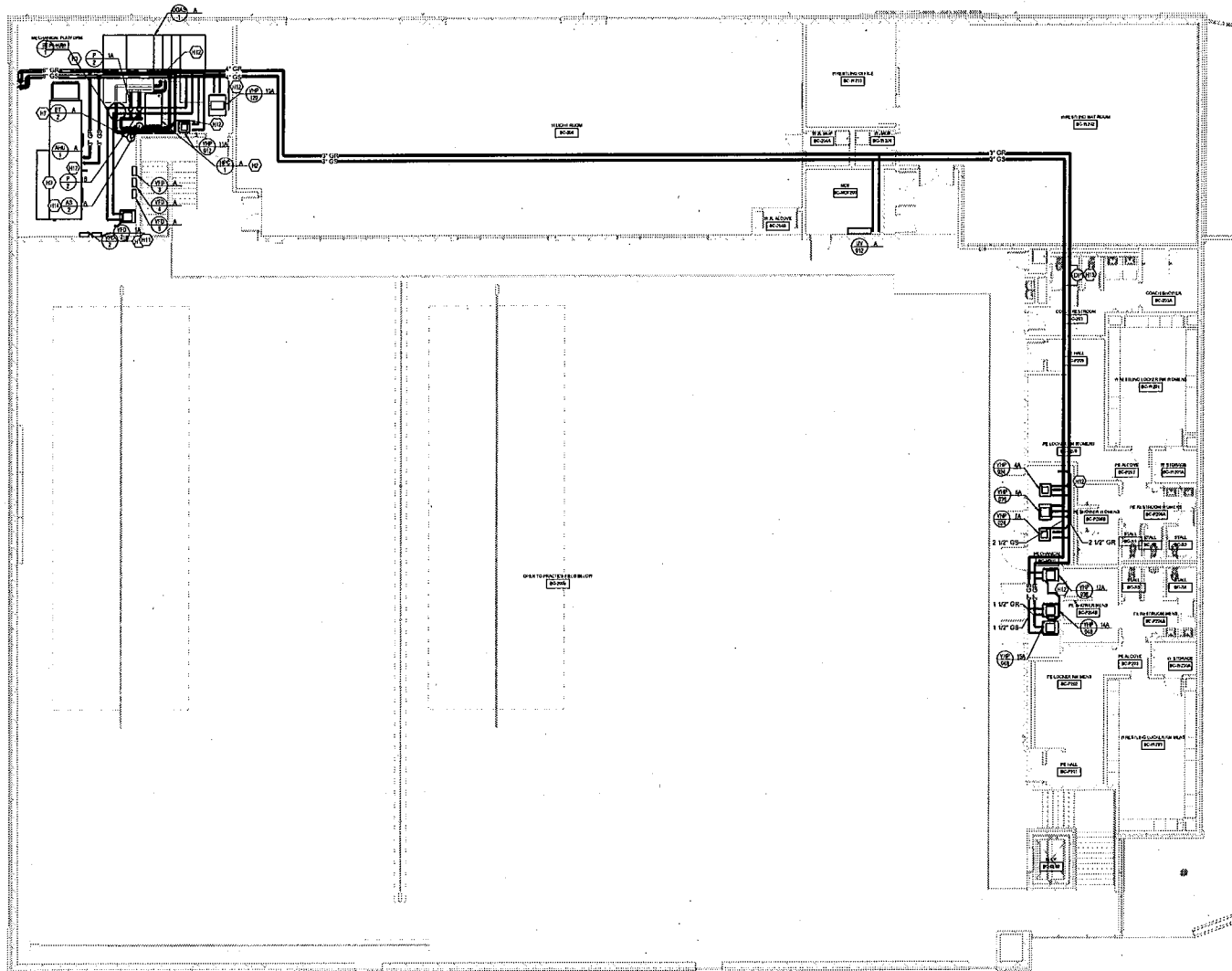
Studio Architecture
1231 S. State St., Suite 200, Portland, OR 97205
503.226.1100 | 503.226.1101

HEAT PUMP RUNOUT SCHEDULE

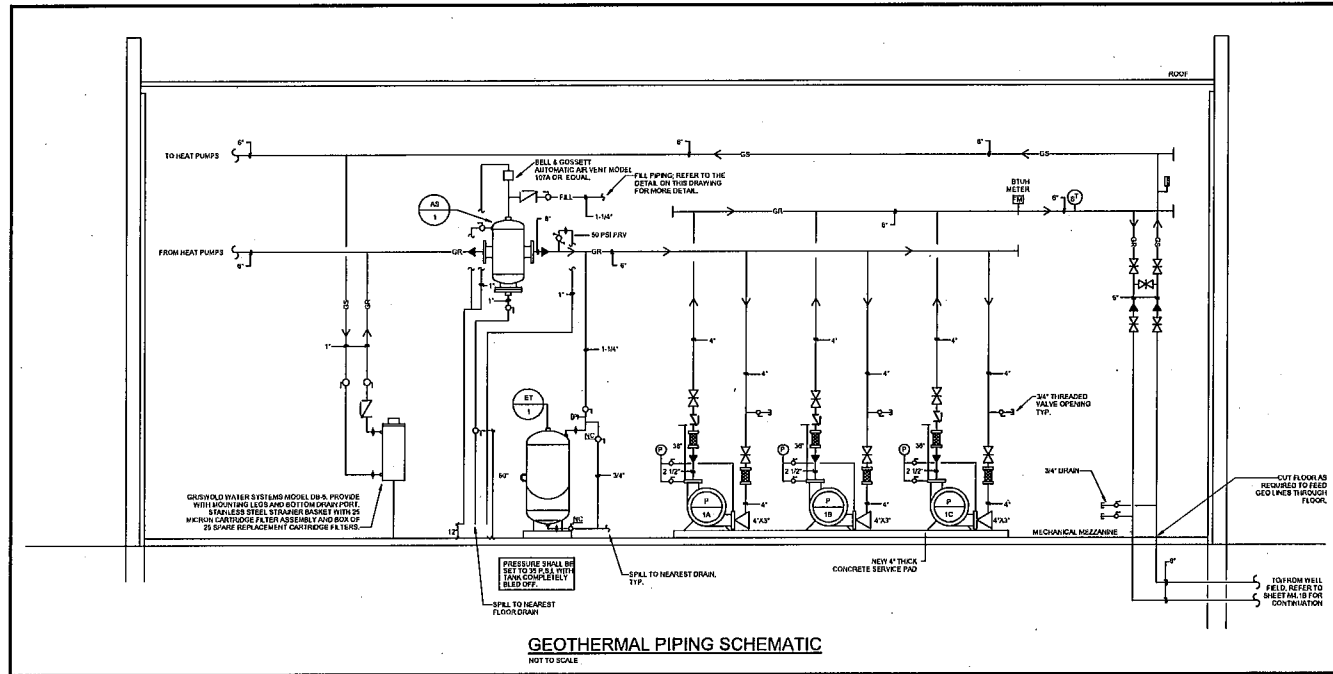
MANH.	GPM	PIPE RUNOUT SIZE	CONDENSATE PIPE SIZE
VIP-1	25	1"	3/4"
VIP-2	5	1"	3/4"
VIP-3	5	1"	3/4"
VIP-4	5	1"	3/4"
VIP-5	5	1"	3/4"
VIP-6	5	1"	3/4"
VIP-7	5	1"	3/4"
VIP-8	5	1"	3/4"
VIP-9	5	1"	3/4"
VIP-10	5	1"	3/4"
VIP-11	5	1"	3/4"
VIP-12	5	1"	3/4"

KEYNOTES

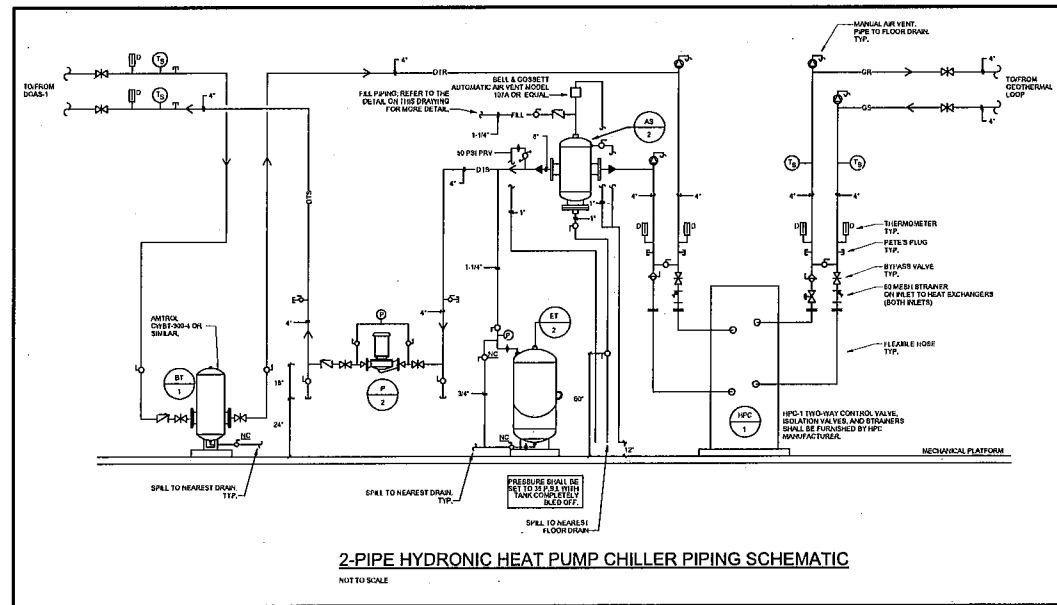
- 101 HEAT PUMP CHILLER UNIT TO BE PLACED ON CONCRETE PAD. PAD TO EXTEND 1' PAST FOOTPRINT OF UNIT. REFER TO HEAT PUMP CHILLER PIPING SCHEDULE FOR MORE INFORMATION.
- 102 HEAT PUMP CHILLER PIPING TO BE PLACED ON CONCRETE PAD. PAD TO EXTEND 1' PAST FOOTPRINT OF UNIT. REFER TO HEAT PUMP CHILLER PIPING SCHEDULE FOR MORE INFORMATION.
- 103 HEAT PUMP CHILLER PIPING TO BE PLACED ON CONCRETE PAD. PAD TO EXTEND 1' PAST FOOTPRINT OF UNIT. REFER TO HEAT PUMP CHILLER PIPING SCHEDULE FOR MORE INFORMATION.
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- 114 HEAT PUMP CHILLER PIPING TO BE PLACED ON CONCRETE PAD. PAD TO EXTEND 1' PAST FOOTPRINT OF UNIT. REFER TO HEAT PUMP CHILLER PIPING SCHEDULE FOR MORE INFORMATION.



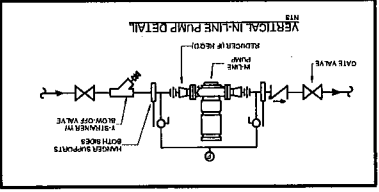
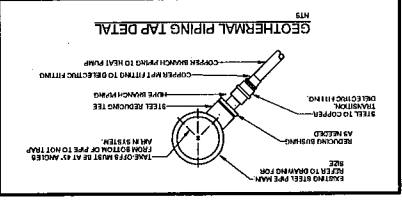
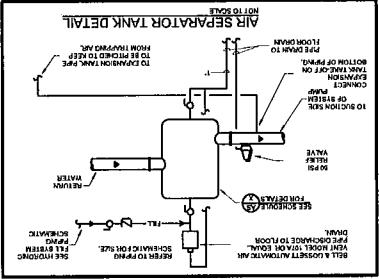
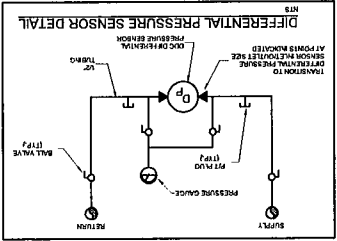
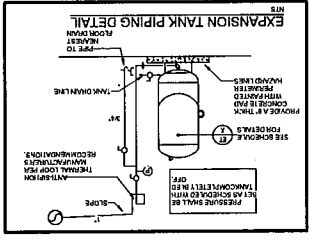
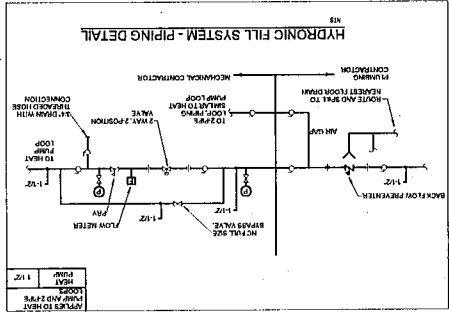
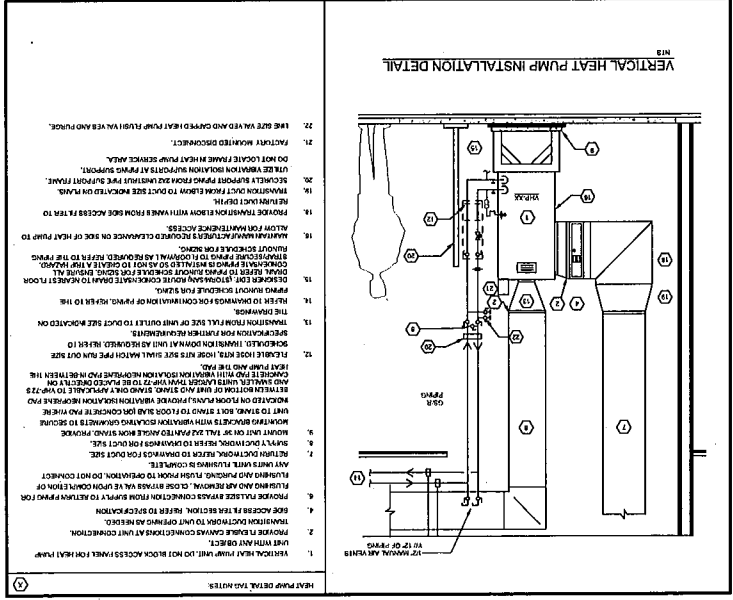
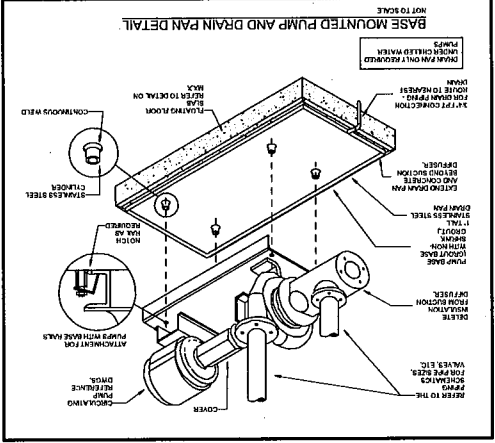
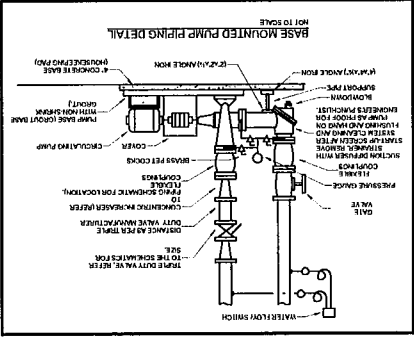
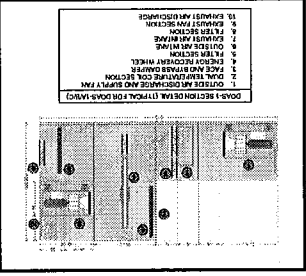
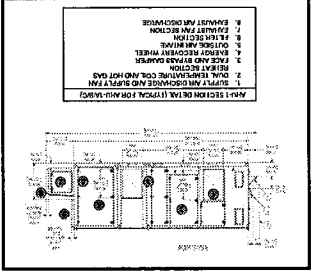
1 Bullitt Central - Hydronics - Second Floor
SCALE: 1/8" = 1'-0"

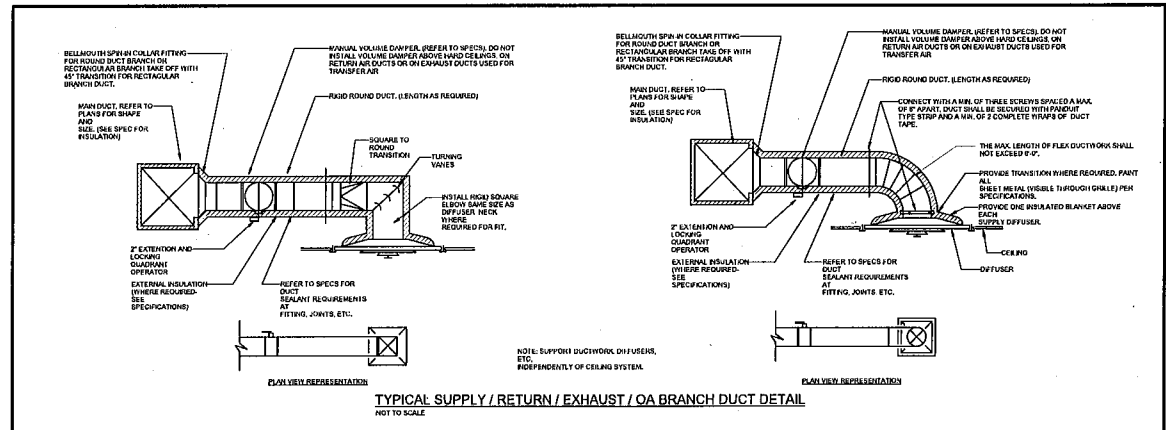
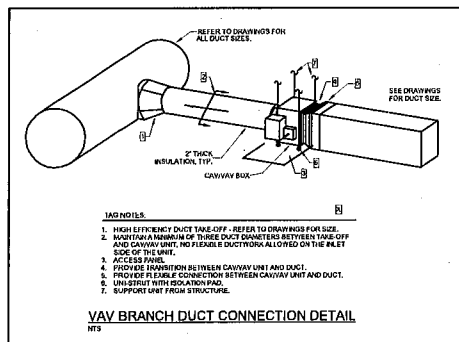
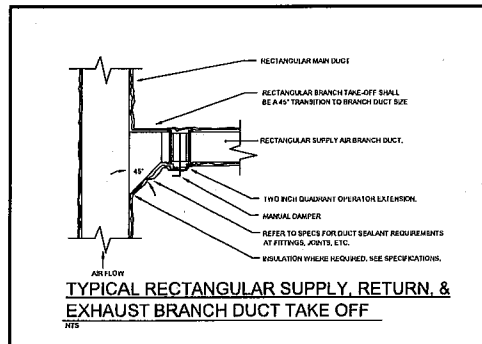
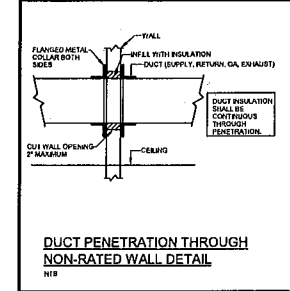
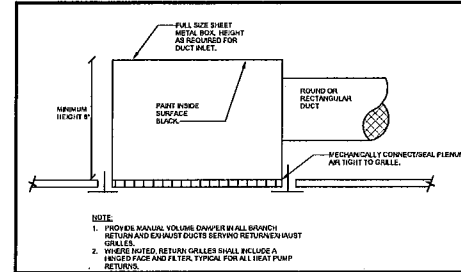
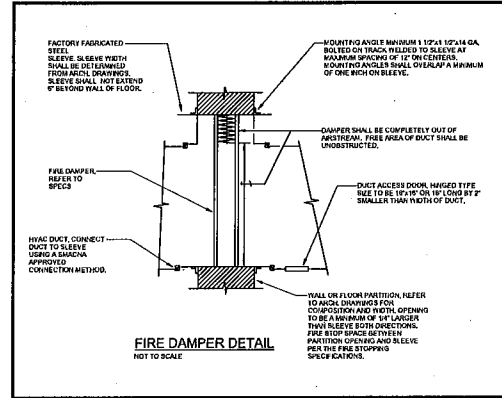
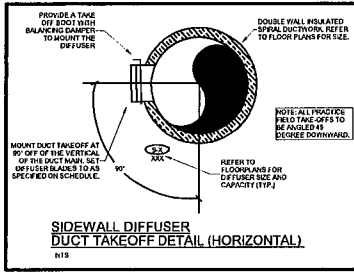


2 GEOTHERMAL PIPING SCHEMATIC MECH ROOM HEADER
NOT TO SCALE



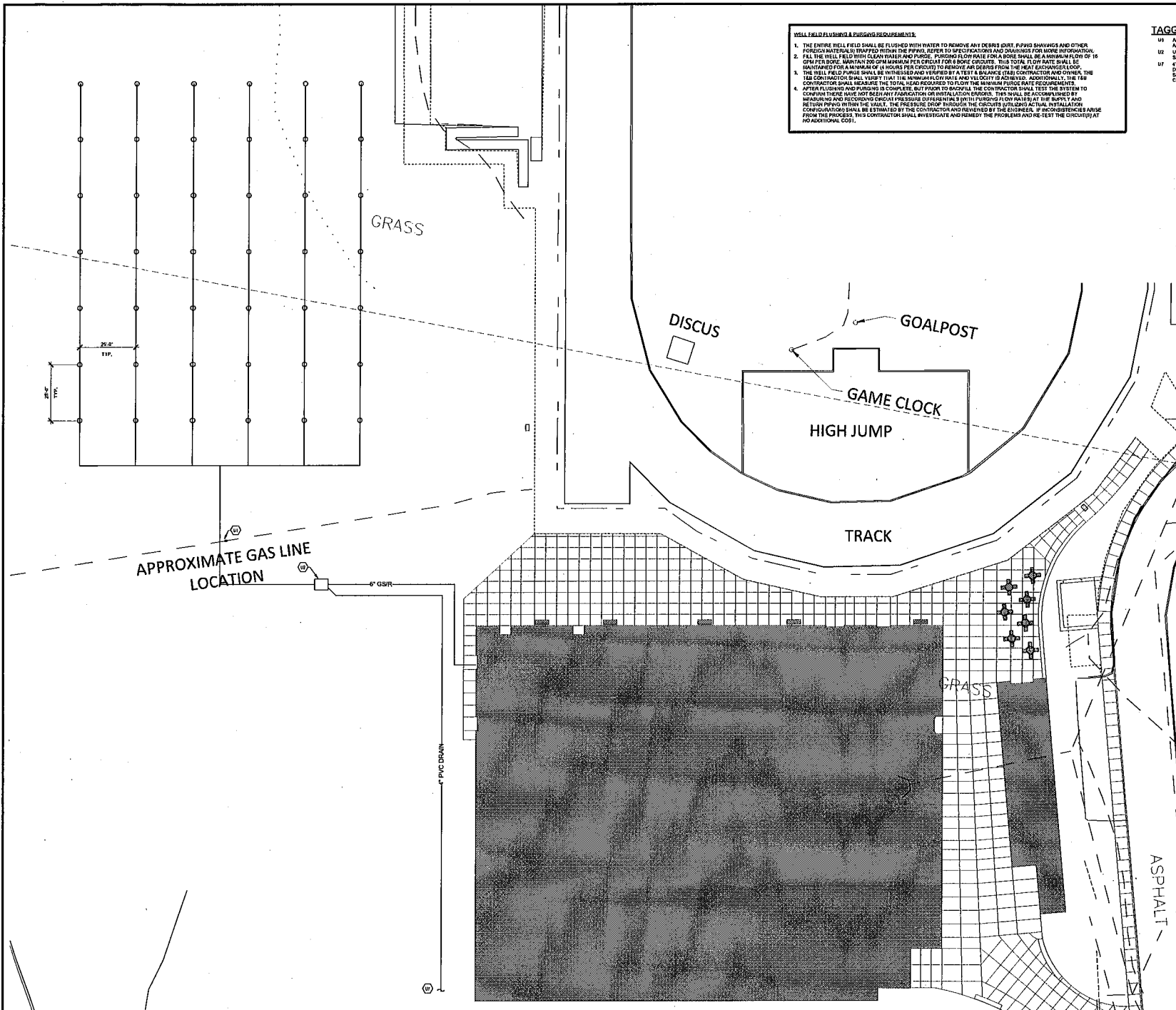
1 HPC PIPING SCHEMATIC
NOT TO SCALE





ACTION DOCUMENT

[illegible]



WELL FIELD FLUSHING & PURGING REQUIREMENTS:

1. THE ENTIRE WELL FIELD SHALL BE FLUSHED WITH WATER TO REMOVE ANY DEBRIS (DIRT, PIPING SHAVINGS AND OTHER FOREIGN MATERIAL) TRAPPED WITHIN THE PIPING. REFER TO SPECIFICATIONS AND DRAWINGS FOR MORE INFORMATION.
2. ALL THE WELLS SHALL BE FLUSHED AND PURGED. PURGING FLOW RATE FOR A WELL SHALL BE A MINIMUM FLOW OF 10 GPM PER WELL. MAINTAIN 200 GPM MINIMUM PUMP CAPACITY FOR 8 HOURS. THIS TOTAL FLOW RATE SHALL BE MAINTAINED FOR A MINIMUM OF 8 HOURS PER CIRCUIT TO REMOVE AIR DEBRIS FROM THE WELL EXCHANGES LOOP.
3. THE WELL FIELD PURGING SHALL BE VERIFIED BY TEST & BALANCE (T&B) CONTRACTOR AND OTHERS. THE T&B CONTRACTOR SHALL VERIFY THAT THE MINIMUM FLOW RATE AND VELOCITY IS ACHIEVED. ADDITIONALLY, THE T&B CONTRACTOR SHALL MEASURE THE TOTAL HEAD REQUIRED TO FLOW THE MINIMUM FLOW RATE FOR EACH WELL.
4. AFTER FLUSHING AND PURGING IS COMPLETE, BUT PRIOR TO BACKFILL, THE CONTRACTOR SHALL TEST THE SYSTEM TO CONFIRM THERE HAVE NOT BEEN ANY FABRICATION OR INSTALLATION ERRORS. THIS SHALL BE ACCOMPLISHED BY MEASURING AND RECORDING CIRCUIT PRESSURES OF PRESSURE (WITH PURGING FLOW RATES) AT THE SUPPLY AND RETURN PIPING WITHIN THE VAULT. THE PRESSURE DROP THROUGH THE CIRCUIT UTILIZING ACTUAL INSTALLATION CONFIGURATION SHALL BE ESTIMATED BY THE CONTRACTOR AND REVIEWED BY THE ENGINEER. IF INCONSISTENCIES ARISE FROM THE PROCESS, THIS CONTRACTOR SHALL INVESTIGATE AND REMEDY THE PROBLEMS AND RE-TEST THE CIRCUITS AT NO ADDITIONAL COST.

TAGGED NOTES

- U1. APPROXIMATE GAS LINE LOCATION: GAS LINE TO BE LOCATED AND MARKED PRIOR TO DRILLING, AND NO LINE AS NECESSARY.
- U2. UNDERGROUND GEOTHERMAL VAULT: REFER TO GEOTHERMAL SITE DATA SHEET FOR MORE INFORMATION.
- U3. 4\"/>

BEFORE YOU GO:

THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "BULLITT" BEFORE YOU GO AT 815 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL CALL "BULLITT" TO OBTAIN ANY AUTHORIZATION NUMBER.

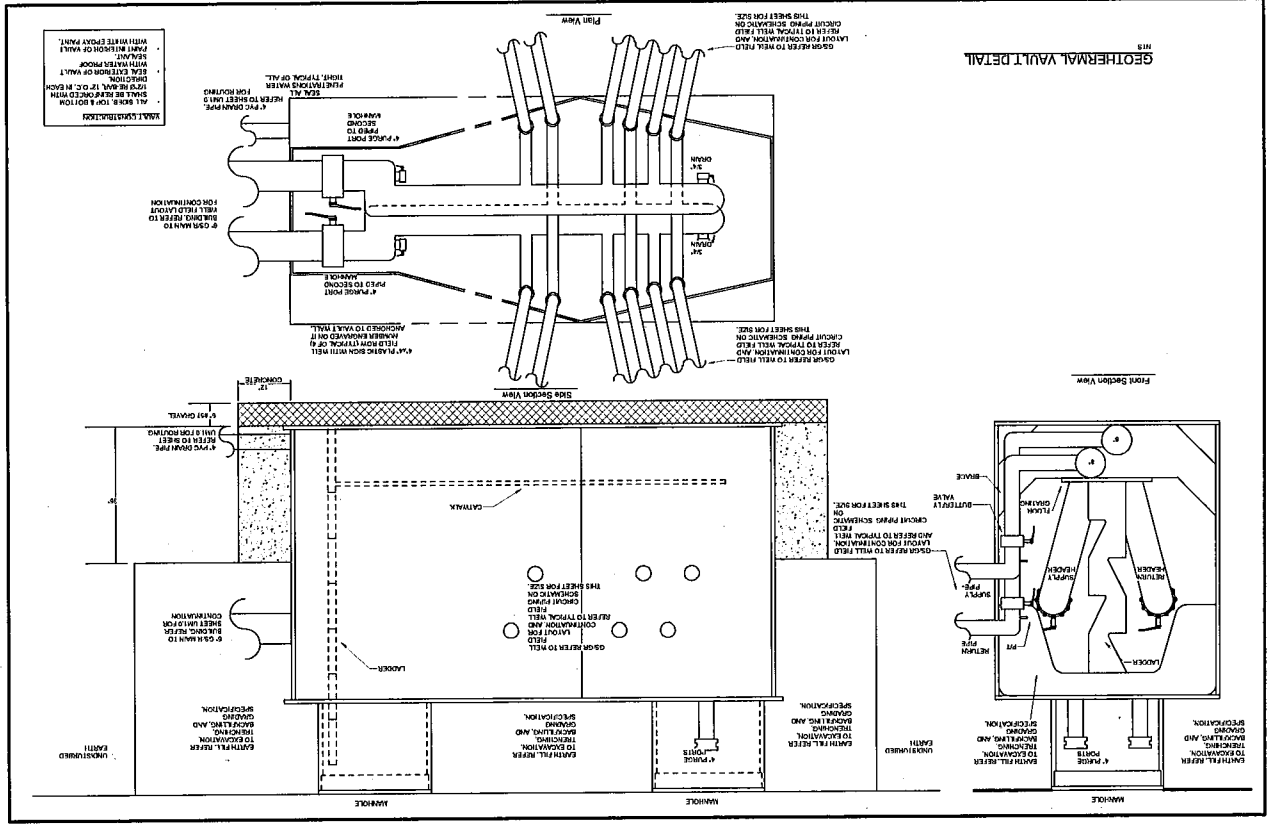
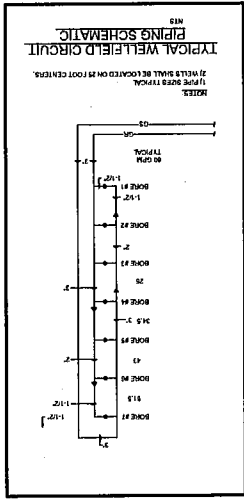
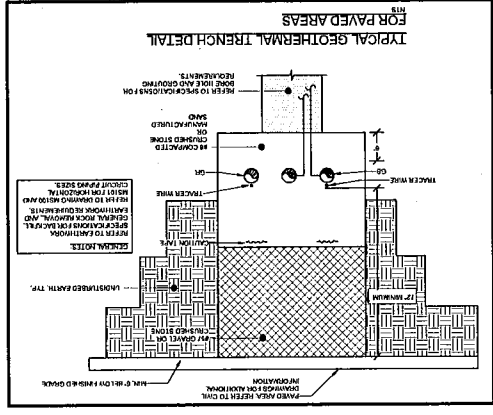
GENERAL NOTES:

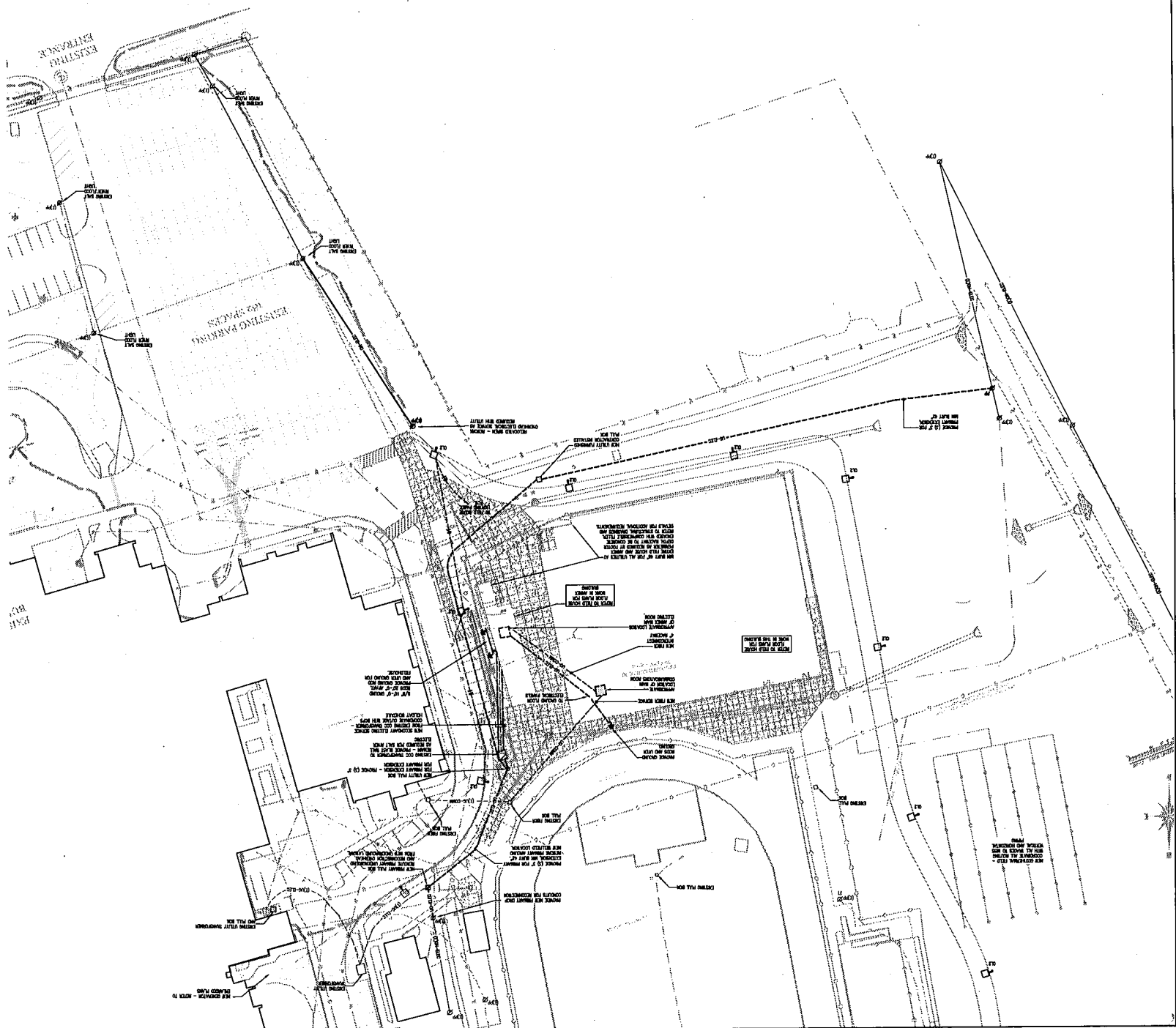
- A. ALL GEOTHERMAL PIPING INSTALLED AS PART OF THE PROJECT SHALL BE SUBMITTED BY A LAND SURVEYOR LICENSED IN THE STATE OF MONTANA. THE SURVEY SHALL BE FURNISHED ON A COMPACT DISC IN A PDF FORMAT, AND A HARD COPY OF THE SURVEY SHALL BE FURNISHED IN ONE OF THE FOLLOWING FORMATS: PDF, DWG, OR DGN. ALL VERTICAL BORES SHALL BE LOCATED WITH A GPS LOCATOR AND THE GPS COORDINATE INCLUDED ON THE RECORD DRAWINGS.
- B. REFER TO DRAWING UPL1 AND SPECIFICATIONS FOR ANY DEFINITIVE RECORD INFORMATION.

WELL FIELD INFORMATION:

NUMBER OF WELLS - 42
 NUMBER OF REPAIRMENT CIRCUITS - 5
 NUMBER OF WELLS PER CIRCUIT - 7
 DEPTH OF WELL - 800'
 WELL PIPE SIZE - 1\"/>

1





① EXISTING SITE UTILITY PLAN - FIELD HOUSE - AREA A
 1/8" = 1' - 0"

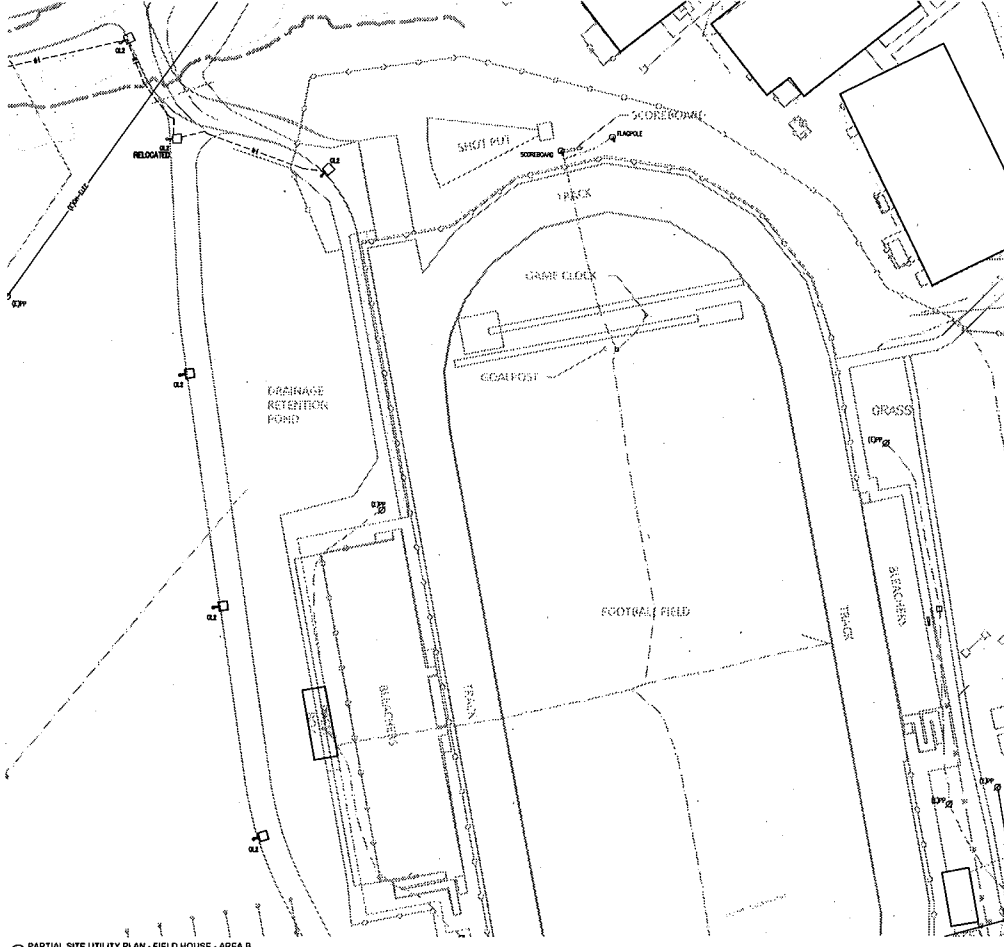
100% CONSTRUCTION DOCUMENTS

BCHS
 ES1.5
 2023-50.1
 REVISIONS:
 CHECKED BY: CMTA
 DATE: 04/20/23
 RCD: 25-145
 PARTIAL SITE UTILITY PLAN - FIELD HOUSE
 PHASE III | PHYSICAL SCIENCE CENTER
 BELLVIEW PUBLIC SCHOOLS
 100% CONSTRUCTION DOCUMENTS



STUDIO KINSMAN ARCHITECTS
 1231 S. DAWG ST. LANSING, MI 48203
 TEL: 313.486.1100 FAX: 313.486.1101





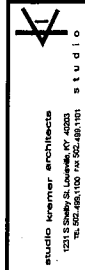
① PARTIAL SITE UTILITY PLAN - FIELD HOUSE - AREA B
1" = 30'-0"

100% CONSTRUCTION DOCUMENTS

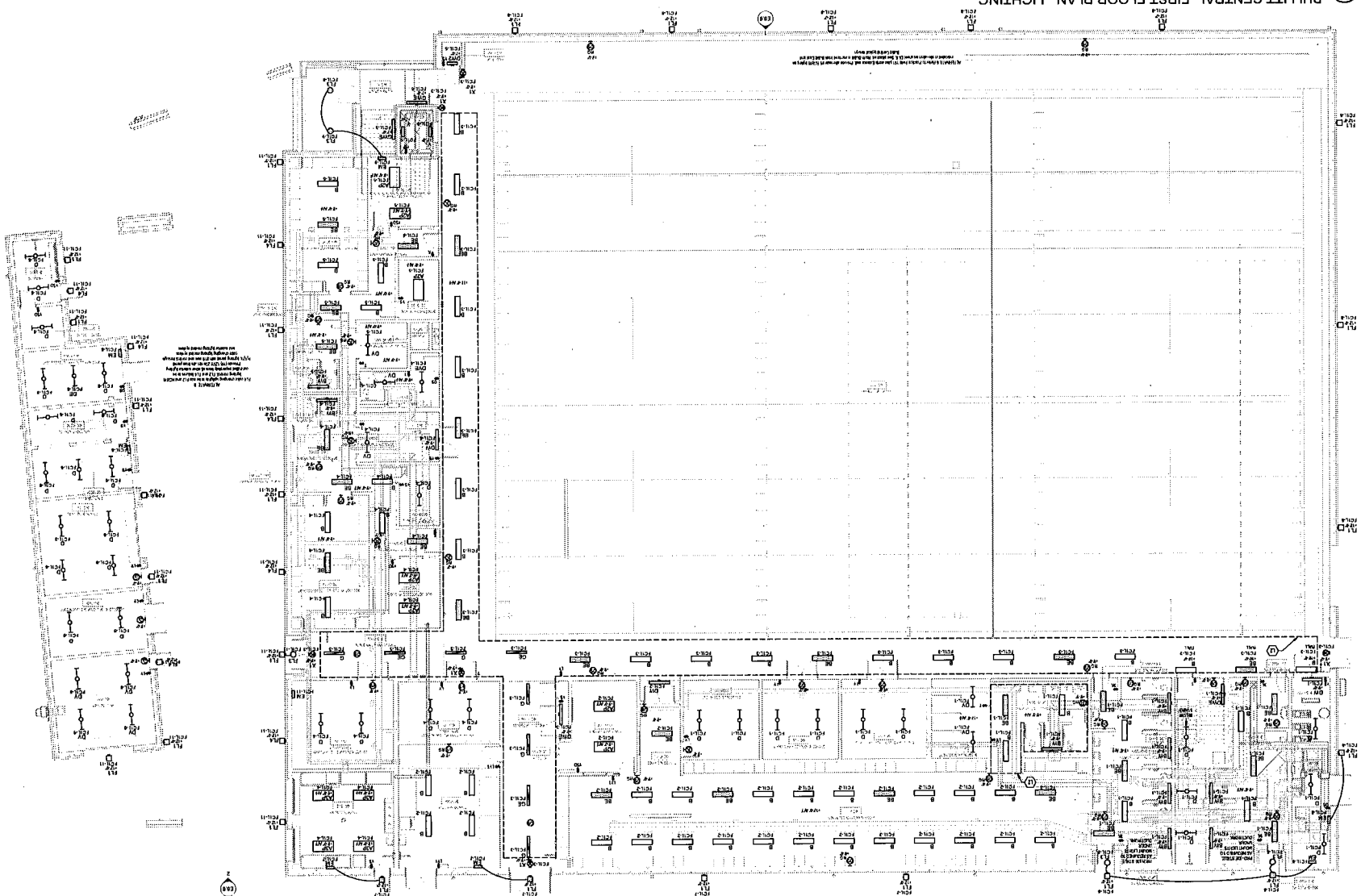
PARTIAL SITE UTILITY PLAN - FIELD HOUSE
PHASE III | PHYSICAL SCIENCE CENTER
BALTIMORE COUNTY PUBLIC SCHOOLS
BCHS

SC# 25-145
DATE: 06/19/2023
DRAWN BY: CMTA
CHECKED BY: CMTA
REVISIONS:

2023-50.1
ES1.6
BCHS



100% CONSTRUCTION DOCUMENTS



GENERAL NOTES (LIGHTING):

1. The first step in the process of developing a research proposal is to identify a research topic that is both interesting and relevant to the field of study. This involves conducting a literature review to identify gaps in the current knowledge and to determine the scope of the research.

2. Once a topic has been identified, the next step is to formulate a research question or hypothesis. This should be a clear, concise statement that can be tested through research.

3. The third step is to design the research methodology. This involves determining the appropriate research methods, data collection techniques, and statistical analysis procedures.

4. The fourth step is to write the research proposal. This document should include an introduction, a literature review, a statement of the research question or hypothesis, a description of the methodology, and a budget.

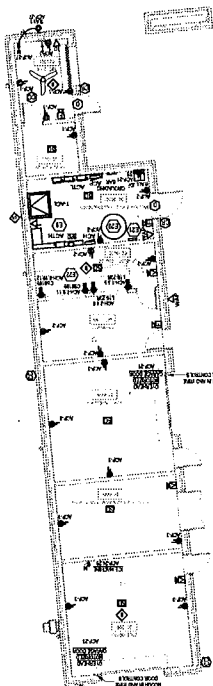
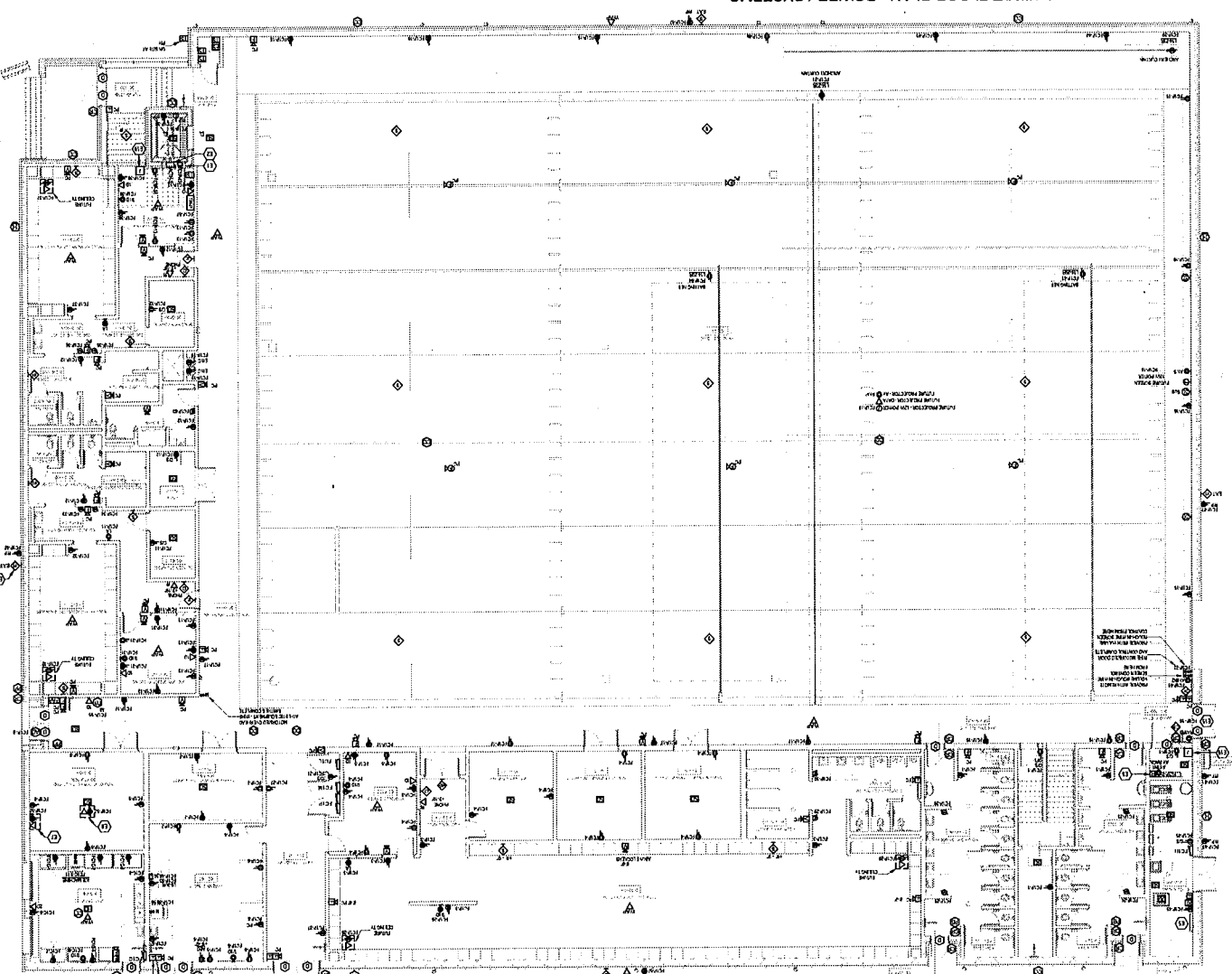
5. The final step is to submit the research proposal to a funding agency or a research committee for review and approval.

[illegible]

7. ALL LIGHTING FIXTURE LENSES, PARABOLIC LENSES, DOWNLIGHTS, AND

KEYNOTES:

—



RECEIVE ELECTRONIC MAIL FROM THE INTERNET.

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GENERAL NOTES (POWER/SYSTEMS):

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE (NEC) AND THE 2017 CALIFORNIA ELECTRICAL CODE (CEC).

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10. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE (NEC) AND THE 2017 CALIFORNIA ELECTRICAL CODE (CEC).

KEYNOTES:

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FIELD HOUSE FLOOR PLAN - BULLITT
CENTRAL - LEVEL 1 - POW/SYS
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT COUNTY PUBLIC SCHOOLS
NO. 25-145

DATE: 06/01/2023
DRAWING BY: CMTA

REVISIONS:

2023-50.1

BCHS

EL 13

BCHS

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BCHS

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BCHS

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CMTA
A LABORATORY CONSULTING
FIRM

1221 S. SHAW ST., SUITE 100
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SAN JOSE, CA 95128
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KEYNOTES:

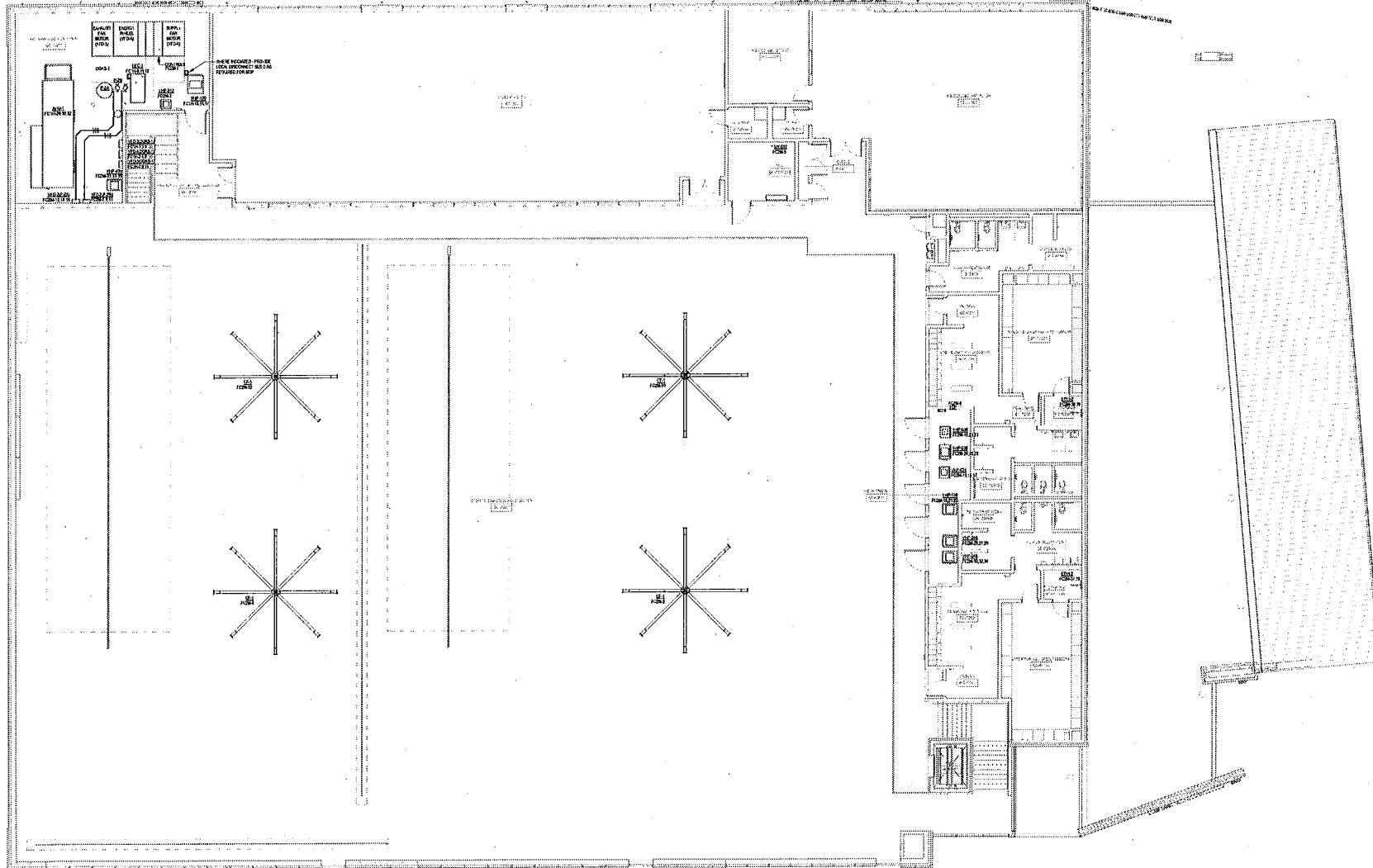
GENERAL NOTES (POWER/SYSTEMS):

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GENERAL NOTES (POWER/SYSTEMS):

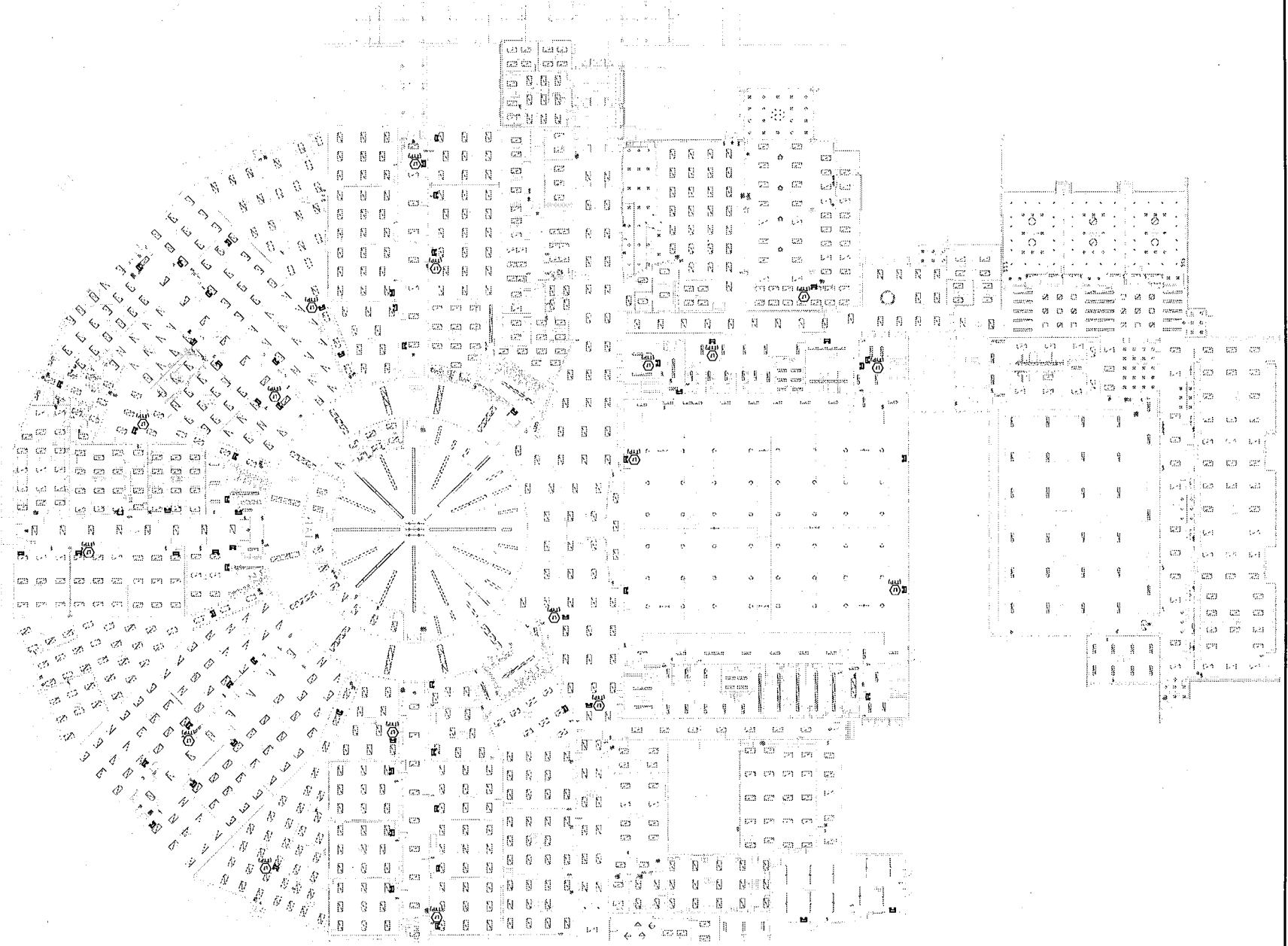
- A. REFER TO THE ARCHITECT'S SELECTED CEILING PLANS, ELEVATIONS AND DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B. CONTRACTOR SHALL FOLLOW MINIMUM CONDUITING OUT AS SHOWN ON THE FLOOR PLAN. WITH A MAXIMUM OF THREE (3) BENDS PER CONDUIT RUN. EACH BEND SHALL BE PROVIDED WITH A 90° BEND. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREAS OF CONSTRUCTION. PROVIDE CLEARANCE AREAS WITH BLACK LETTERING IN 1/4" HIGH TYPE. PROVIDE CLEARANCE AREAS WITH BLACK LETTERING IN 1/4" HIGH TYPE.
- D. LOCATIONS OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COMPARED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND CLEARANCE. PROVIDE CLEARANCE AREAS WITH BLACK LETTERING IN 1/4" HIGH TYPE.
- E. REFER TO THE SYSTEM INSTALLATION MANUAL (S.I.M.) FOR SYSTEMS USED. PROVIDE CLEARANCE AREAS WITH BLACK LETTERING IN 1/4" HIGH TYPE.
- F. PROVIDE A 1/4" JUNCTION BOX FOR EACH JUNCTION OF CONDUITS. PROVIDE A 1/4" JUNCTION BOX FOR EACH JUNCTION OF CONDUITS.
- G. ALL BRANCH CIRCUITS OUTSIDE OF THE RACKS OF POWER PANELS SHALL BE RATED AND PROTECTED.
- H. THE CONTRACTOR SHALL ROUTE ALL SYSTEM CONDUIT RUNS UP TO THE NEAREST CONDUIT RACK OR PANEL (SEE DETAIL 3). REFER TO THE ARCHITECT'S SELECTED CEILING PLANS, ELEVATIONS AND DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- I. CONTRACTOR SHALL INSTALL ALL SYSTEM CONDUIT RUNS UP TO THE NEAREST CONDUIT RACK OR PANEL (SEE DETAIL 3). REFER TO THE ARCHITECT'S SELECTED CEILING PLANS, ELEVATIONS AND DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- J. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- K. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- L. DEVICE ELEVATIONS ARE TO BE CHECKED PRIOR TO INSTALLATION.
- M. ALL ELECTRICAL WATER COOLERS (EWC) TO BE PROVIDED WITH A GROUNDING CIRCUIT BREAKER.
- N. REFER TO STRUCTURAL DRAWINGS FOR TYPICAL SECTION OF CONDUIT PENETRATION THROUGH FLOOR SLAB. PROVIDE CLEARANCE AREAS WITH BLACK LETTERING IN 1/4" HIGH TYPE.
- O. PROVIDE ALL NECESSARY CONDUITS AND RACEWAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
- P. REFER TO ARCHITECT'S FLOOR PLANS FOR HARD CEILING AREAS. PROVIDE ACCESS PANELS AS REQUIRED FOR JUNCTION BOXES. PROVIDE ACCESS PANELS AS REQUIRED FOR JUNCTION BOXES.
- Q. REFER TO ARCHITECT'S FLOOR PLANS FOR HARD CEILING AREAS. PROVIDE ACCESS PANELS AS REQUIRED FOR JUNCTION BOXES. PROVIDE ACCESS PANELS AS REQUIRED FOR JUNCTION BOXES.

KEYNOTES:



1 BULLITT CENTRAL SECOND FLOOR - EQUIPMENT CONNECTIONS

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



100% CONSTRUCTION DOCUMENTS

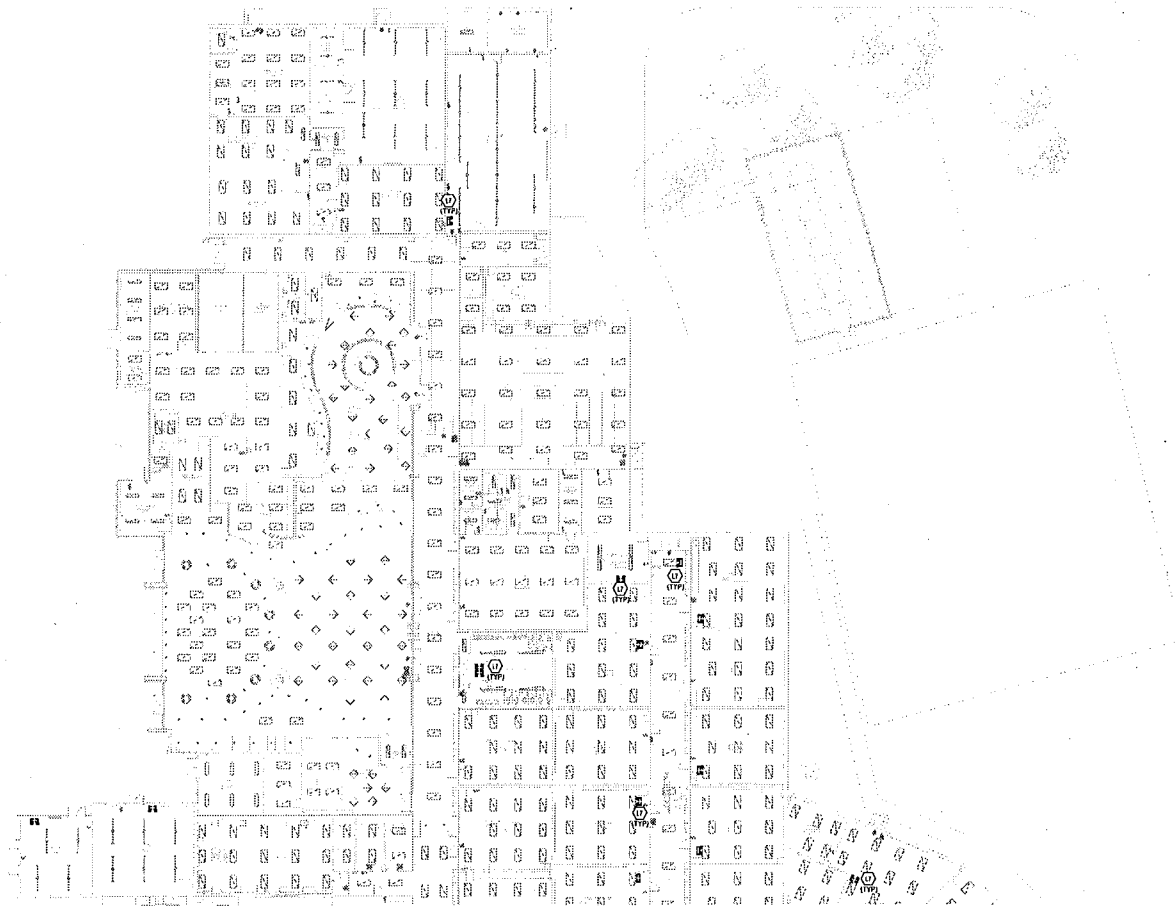
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2023-50.1
REVISIONS:
DATE: 06/20/23
DRAWN BY: CMTA
PC# 25-145

BULLITT CENTRAL - DEMOLITION -
AREA A
PHASE III | PHYSICAL SCIENCE CENTER
BULLITT COUNTY PARKS DEPARTMENT
06/25/23



studio / werner architects
1225 S. State St., Portland, OR 97205
TEL: 503.451.1100 FAX: 503.451.1911





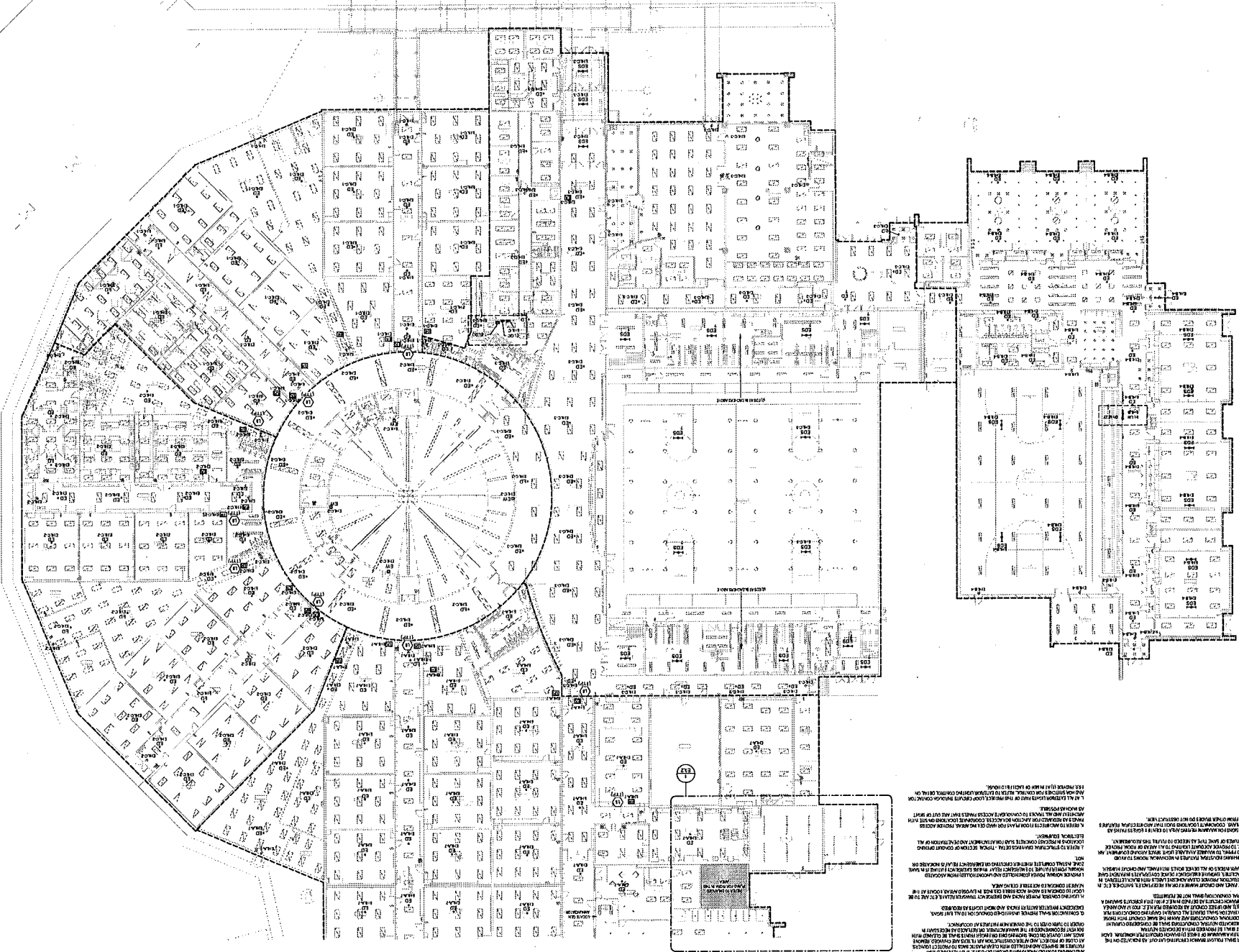
1 BULLITT CENTRAL - FIRST FLOOR PLAN - DEMOLITION - AREA B
SCALE: 1/8" = 1'-0"

KEYNOTES:

1. DEMOLISH EXISTING 2 HOUR EMERGENCY UNIT EQUIPMENT AND CIRCUIT COMPLETELY BACK TO SOURCE - TYPICAL.

GENERAL NOTES (DEMOLITION):

- A. DOTTED LINES INDICATE ITEMS FOR REMOVAL. ROOM AND GRID LINES INDICATE EXISTING ITEMS TO REMAIN.
- B. DEVICES INDICATED WITH AN "X" SHALL BE RELOCATED, REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXISTING ALL EXISTING CABLES TO NEW LOCATION, CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
- C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUED EXISTENCE OF EXISTING CIRCUITS THAT COORDINATE DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE OR CIRCUIT IS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN THE EXISTING WORKING ORDER. "UP" OR "DOWN" CIRCUIT BREAKERS SHALL REMAIN BE SWITCHED TO OFF POSITION, AND BE LABELED AS SHOWN IN THESE PANELS. PROVIDE NEW TYPED LISTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- D. LOCATIONS OF DEVICES, CONNECTIONS, ETC. INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPRIETOR TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE NEW BUILDING PROPOSAL.
- E. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONNECTIONS FOR DEVICES / FIXTURES / ETC. BEING REMOVED. JACO TO EXPOSE, WHETHER INDICATED OR NOT. CONDUCTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE TO BE REMOVED. PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS.
- F. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. INDICATED FOR REMOVAL WITH OTHER TRADES. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- G. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- H. PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION SHIFTS AS REQUIRED.
- I. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- J. UNUSED / ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.
- K. EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
- L. CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF RAINING ENVELOPE (EASTERN WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS PROVIDED TO MAINFOLD ROOF PURCHASER. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- M. ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND RIGHT LABELS. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, PANEL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.
- N. MANY EXISTING UNDERGROUND PRIVATE UTILITIES EXISTING IN AREA OF RENOVATION. CONTRACTOR SHALL TAKE CARE TO WORK AROUND AND SET FROM EXISTING UTILITIES. HYDRO EXCAVATE AS REQUIRED.



GENERAL NOTES (LIGHTING)

1. ALL LIGHTING SHALL BE PROVIDED BY THE OWNER. THE ARCHITECT SHALL PROVIDE A SCHEDULE OF LIGHTING FIXTURES, INCLUDING THE TYPE, SIZE, AND LOCATION OF EACH FIXTURE. THE SCHEDULE SHALL BE SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.
2. EXISTING LIGHTING FIXTURES SHALL BE REMOVED AND REPLACED WITH NEW FIXTURES AS SHOWN ON THE DRAWINGS. THE NEW FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. ALL NEW LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE LOCAL ELECTRICAL CODE. THE FIXTURES SHALL BE INSTALLED IN A MANNER THAT DOES NOT OBSTRUCT EGRESS ROUTES OR OTHER IMPORTANT FEATURES OF THE BUILDING.
4. THE ARCHITECT SHALL PROVIDE A SCHEDULE OF LIGHTING FIXTURES, INCLUDING THE TYPE, SIZE, AND LOCATION OF EACH FIXTURE. THE SCHEDULE SHALL BE SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.
5. THE ARCHITECT SHALL PROVIDE A SCHEDULE OF LIGHTING FIXTURES, INCLUDING THE TYPE, SIZE, AND LOCATION OF EACH FIXTURE. THE SCHEDULE SHALL BE SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO THE START OF CONSTRUCTION.

KEYNOTES:

1. SEE GENERAL NOTES FOR LIGHTING AND ELECTRICAL REQUIREMENTS.
2. SEE GENERAL NOTES FOR LIGHTING AND ELECTRICAL REQUIREMENTS.

100% CONSTRUCTION DOCUMENTS

2023-50.1

E3.0

REVISIONS:

CHECKED BY: CMTA

DATE: 10/20/23

RC# 25-145

BUILT CENTRAL - EM POWER - AREA A

PHASE III | PHYSICAL SCIENCE CENTER

BUILT COMMUNITY SCHOOLS

10/20/23

LOOKING FORWARD

CMTA

A LEED CERTIFIED COMPANY

STUDIO

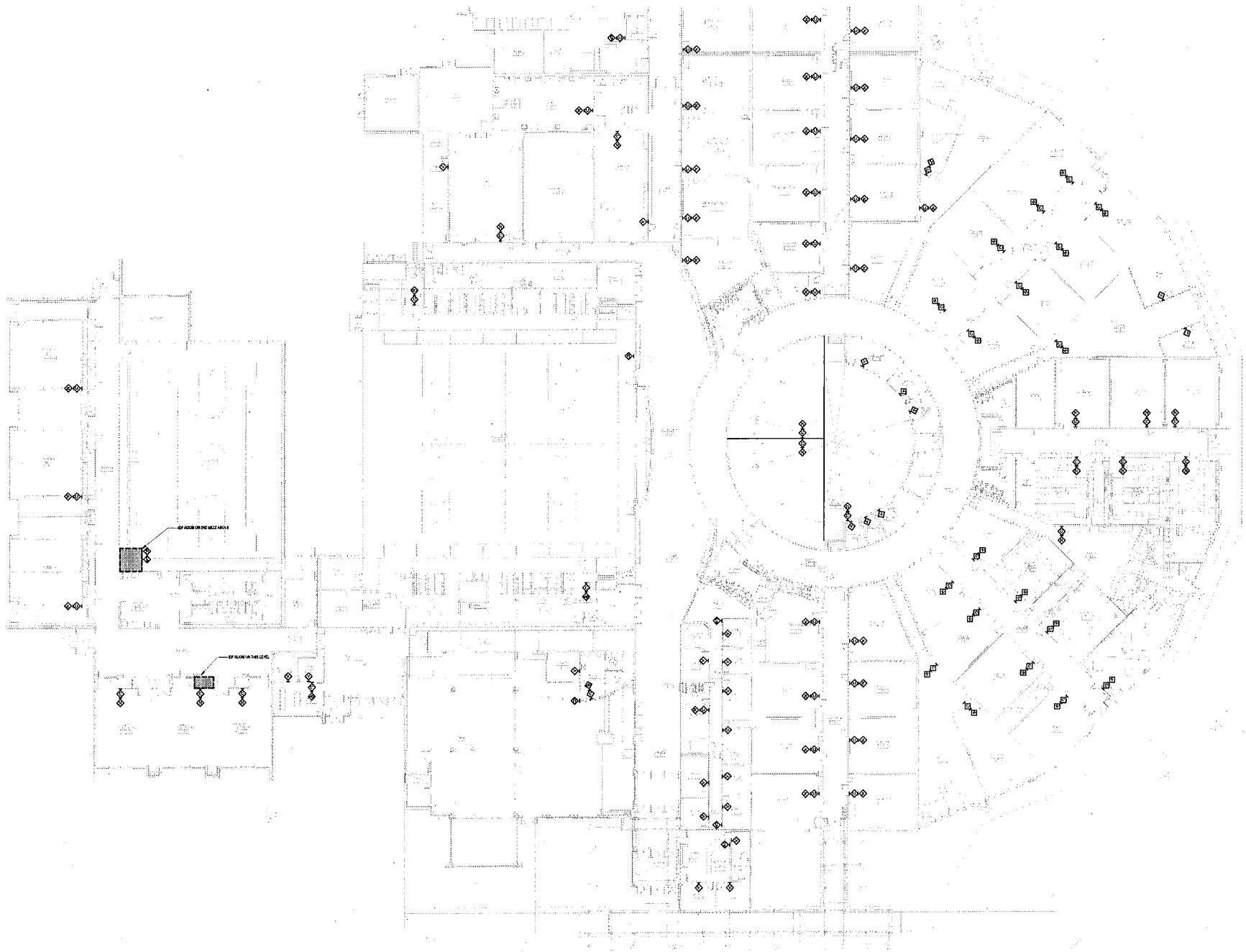
ARCHITECTS

1331 S. SHIPLEY BL., LINCOLN, NE 68502

TEL: 402.479.1122 FAX: 402.479.1191

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KEYNOTES: _____



LEVEL 1 FLOOR PLAN - LIGHTING

NO SCALE

100% CONSTRUCTION DOCUMENTS

BULLITT CENTRAL - INTERCOM - AREA A

PHASE III | PHYSICAL SCIENCE CENTER

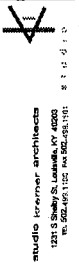
BULLITT COUNTYMUSEUMS

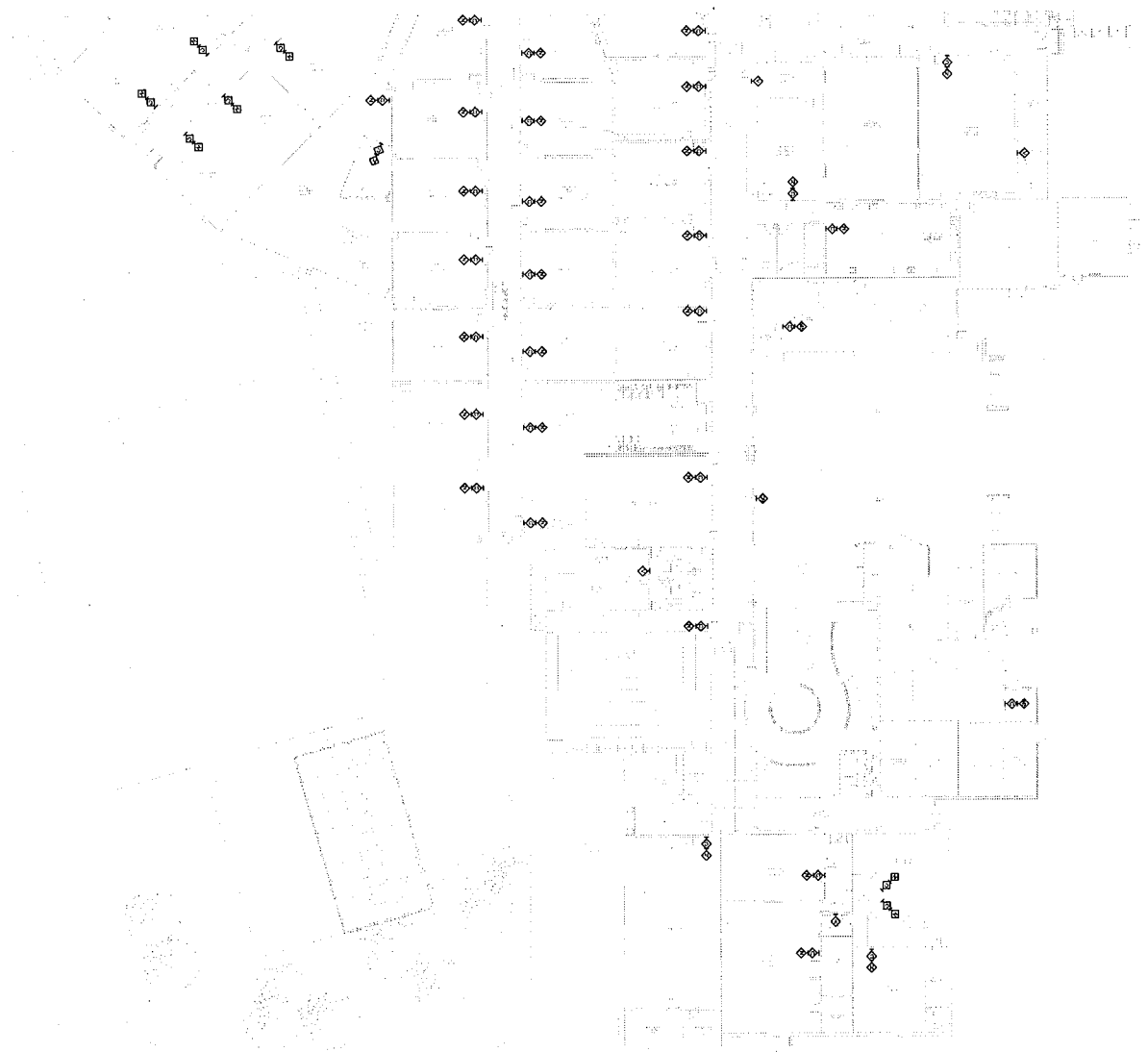
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DATE: 05/09/2023
DRAWN BY: CMTA
CHECKED BY: CMTA
REVISIONS:

2023-50.1

E4.0





KEYNOTES:



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DATE: 06/20/2023
DRAWN BY: CMTA
CHECKED BY: CMTA
REVISIONS:

REV: 25-145

BULLITT CENTRAL - INTERCOM - AREA B

PHASE III | PHYSICAL SCIENCE CENTER

BULLITT COUNTY PUBLIC SCHOOLS

BC

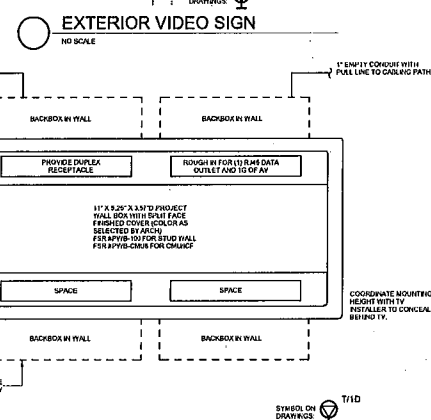
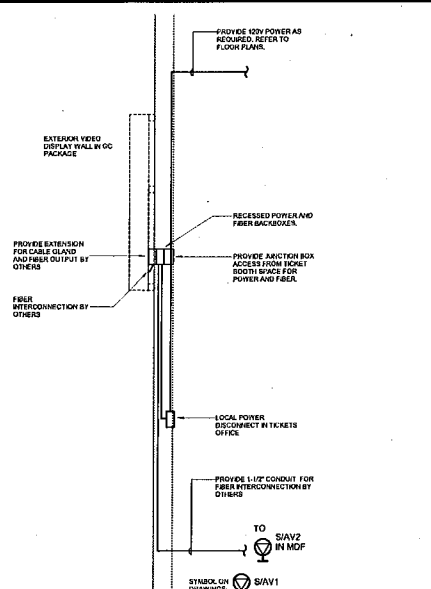
LOOKING FORWARD



CMTA
ARCHITECTURAL
1000 W. 10th Street, Suite 100
Tulsa, Oklahoma 74103



studio 1000 architecture
1201 S. Shawnee Blvd., Suite 100
Tulsa, Oklahoma 74103
Tel: 918.491.1100 Fax: 918.491.1101



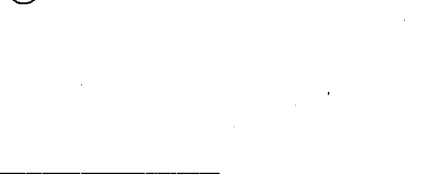
FIELD HOUSE AV ROUGH-IN AND CABLING SCHEMATIC

NO SCALE



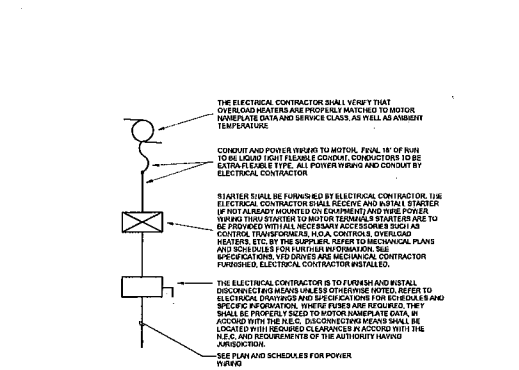
TYPICAL ACCESS CONTROLLED DOOR DETAIL

NO SCALE



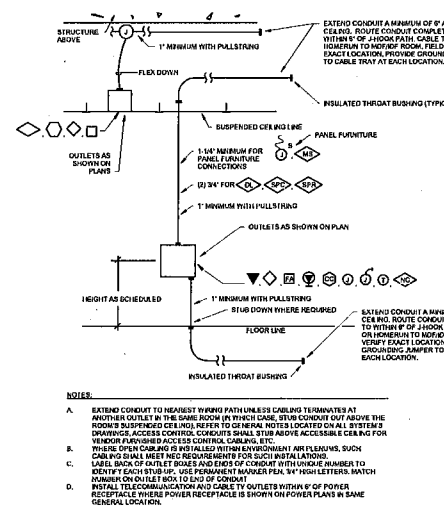
TYPICAL HARD-WIRED CONNECTION

NO SCALE



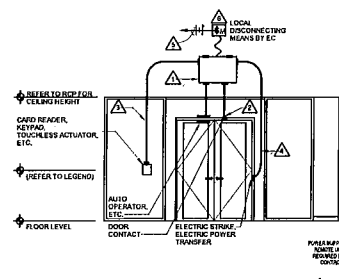
DETAIL OF TYPICAL MOTOR/STARTER INSTALLATION

NO SCALE



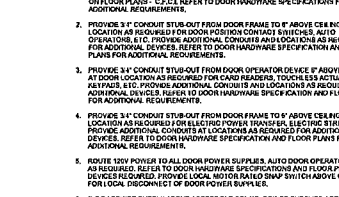
ROUGHING-IN DETAIL FOR STUB-OUTS

NO SCALE



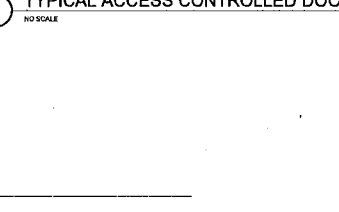
ACCESS CONTROL SYSTEM (GENERAL NOTES)

NO SCALE



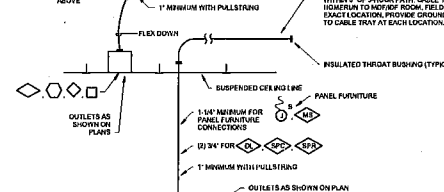
ACCESS CONTROL SYSTEM (TAGGED NOTES)

NO SCALE



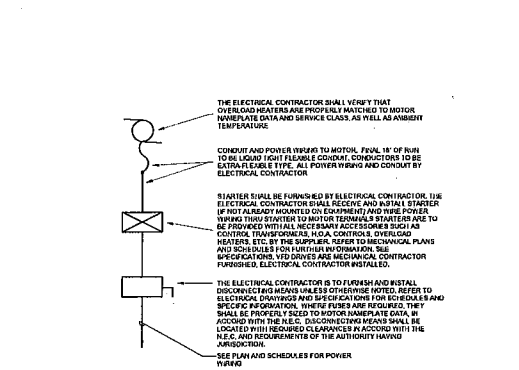
TYPICAL ACCESS CONTROLLED DOOR DETAIL

NO SCALE



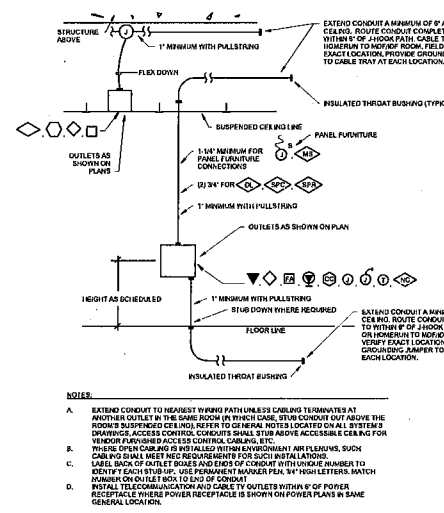
TYPICAL HARD-WIRED CONNECTION

NO SCALE



DETAIL OF TYPICAL MOTOR/STARTER INSTALLATION

NO SCALE

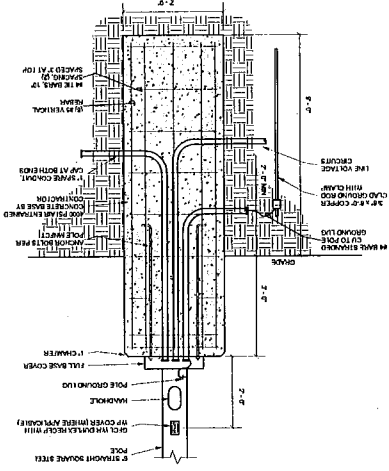


ROUGHING-IN DETAIL FOR STUB-OUTS

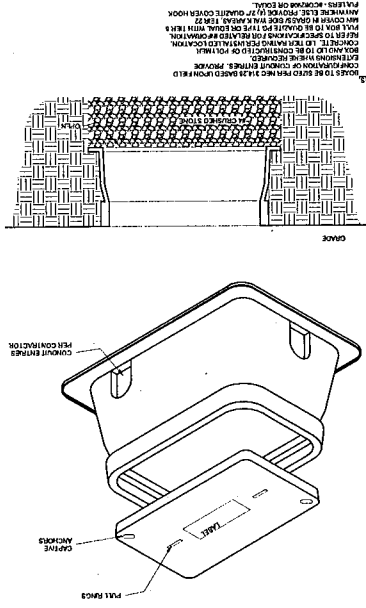
NO SCALE

100% CONSTRUCTION DOCUMENTS

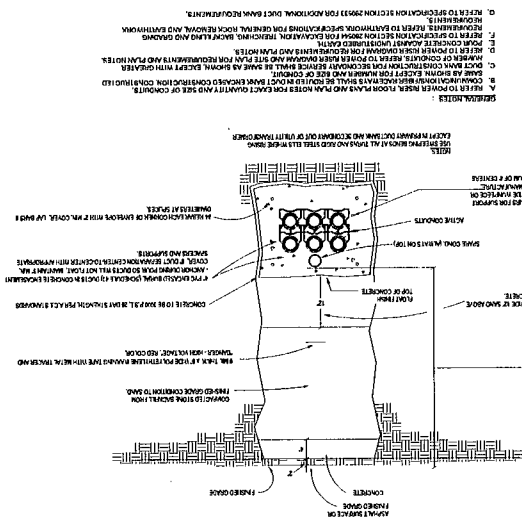
POLE BASE DETAIL

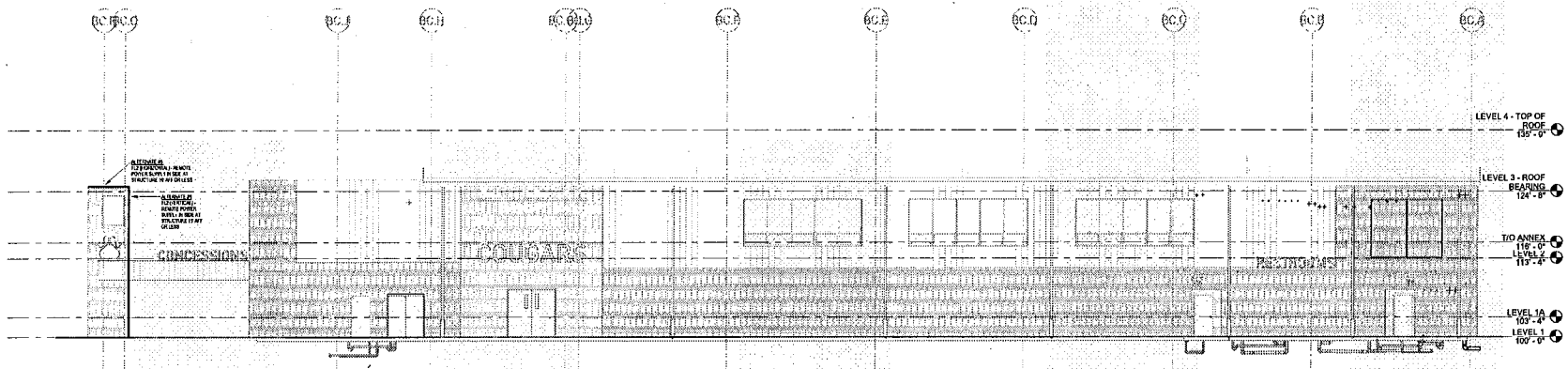


PULL BOX DETAIL

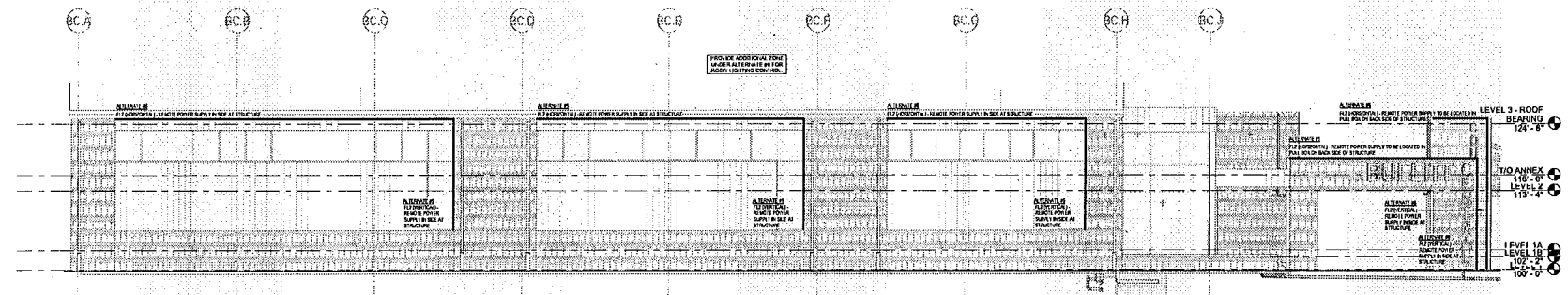


TYPICAL DUCTBANK DETAIL



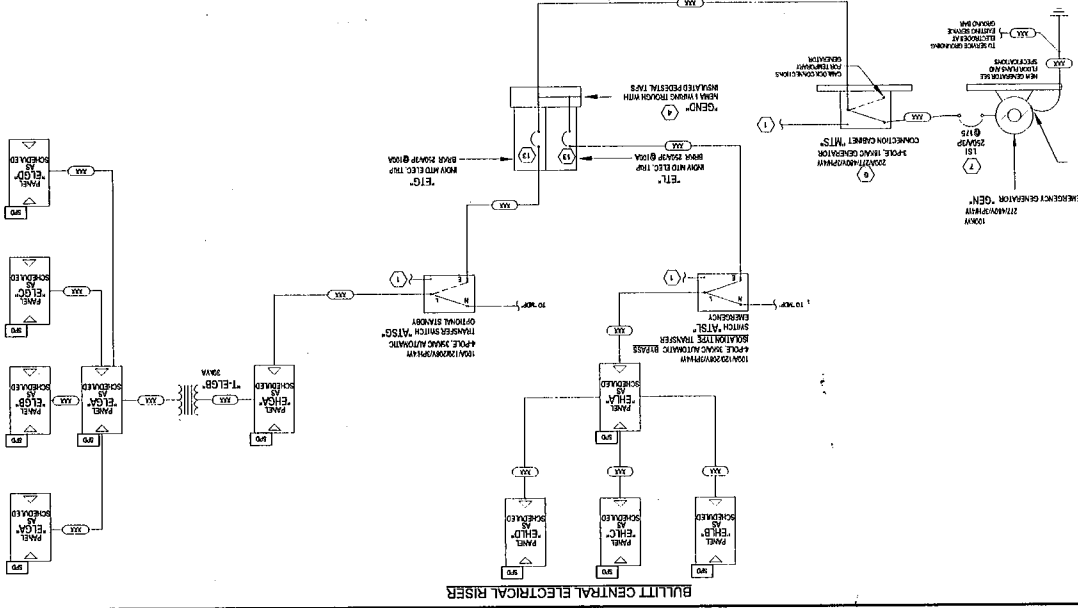


2 ALTERNATE #6 - RGBW FACADE LIGHTING - BCHS BACK
NO SCALE REF: E1.111 BCHS

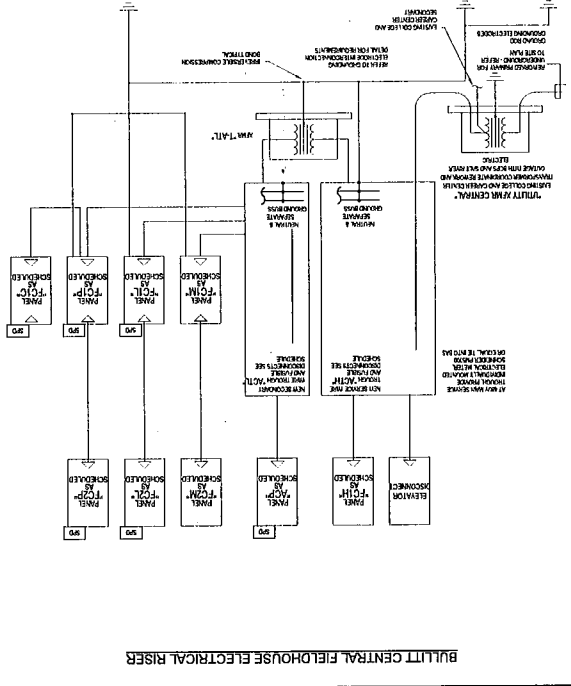


1 ALTERNATE #6 - RGBW FACADE LIGHTING - BCHS
NO SCALE REF: E1.111 BCHS

100% CONSTRUCTION DOCUMENTS



BILIT CENTRAL ELECTRICAL RISER



BULLITT CENTRAL FIELDHOUSE ELECTRICAL RISER

ELECTRICAL TRANSFORMER SCHEDULE BCHS			
NAME	SIZE	WIND	WIND
1.1.1.1	225	11.00M	225
1.1.1.2	225	11.00M	225
1.1.1.3	225	11.00M	225
1.1.1.4	225	11.00M	225
1.1.1.5	225	11.00M	225
1.1.1.6	225	11.00M	225
1.1.1.7	225	11.00M	225
1.1.1.8	225	11.00M	225
1.1.1.9	225	11.00M	225
1.1.1.10	225	11.00M	225
1.1.1.11	225	11.00M	225
1.1.1.12	225	11.00M	225
1.1.1.13	225	11.00M	225
1.1.1.14	225	11.00M	225
1.1.1.15	225	11.00M	225
1.1.1.16	225	11.00M	225
1.1.1.17	225	11.00M	225
1.1.1.18	225	11.00M	225
1.1.1.19	225	11.00M	225
1.1.1.20	225	11.00M	225
1.1.1.21	225	11.00M	225
1.1.1.22	225	11.00M	225
1.1.1.23	225	11.00M	225
1.1.1.24	225	11.00M	225
1.1.1.25	225	11.00M	225
1.1.1.26	225	11.00M	225
1.1.1.27	225	11.00M	225
1.1.1.28	225	11.00M	225
1.1.1.29	225	11.00M	225
1.1.1.30	225	11.00M	225
1.1.1.31	225	11.00M	225
1.1.1.32	225	11.00M	225
1.1.1.33	225	11.00M	225
1.1.1.34	225	11.00M	225
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