

Interim Indoor Practice Facility
 621 W Mehring Way
 Cincinnati, OH 45202

GRADING PERMIT

KZF DESIGN

Architecture | Engineering | Interiors | Planning



NO. DATE DESCRIPTION
 1 04-01-2022 GRADING PERMIT

Interim Indoor Practice Facility
 621 W Mehring Way
 Cincinnati, OH 45202

KZF DESIGN
 Designing Better Futures

KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202

main 513.621.6211
 kzf.com

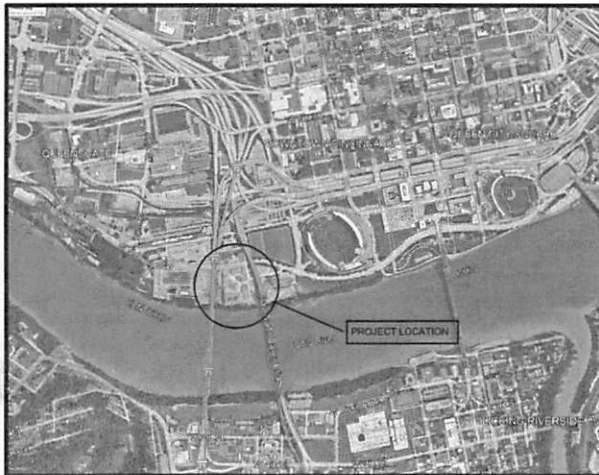


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SCHMITZ	04-01-2022
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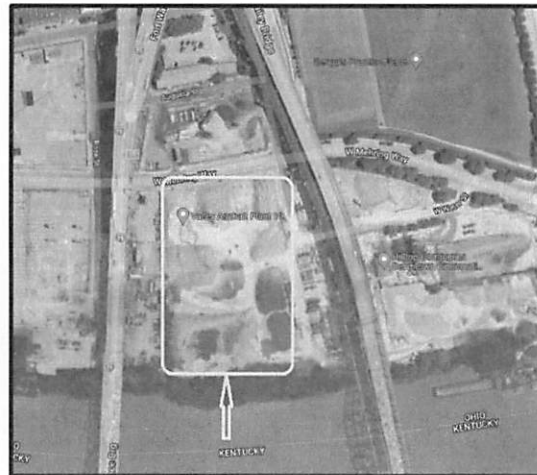
COVER SHEET

DRAWING NUMBER: BSLE
G-000 1

NOT FOR CONSTRUCTION



VICINITY MAP



LOCATION PLAN



DRAWING INDEX

NUMBER	TITLE	CURRENT ISSUE
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TURF (NOT BY KZF DESIGN - PROVIDED DIRECTLY FOR THE OWNER)		
PF1.0	CONCEPTUAL FIELD MARKING PLAN	USP/FRO
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STRUCTURAL		
S-001	GENERAL NOTES	USP/FRO
S-002	SPECIAL INSPECTIONS	USP/FRO
S-003	DESIGN DATA	USP/FRO
S-101	FOUNDATION PLAN	USP/FRO
S-201	WALL ELEVATIONS	USP/FRO
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S-402	ENLARGED PLATFORM FOUNDATION PLANS	USP/FRO
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S-501	FOUNDATION SECTIONS AND DETAILS	USP/FRO
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S-503	PLATFORM FRAMING SECTIONS AND DETAILS	USP/FRO
FABRIC STRUCTURE (NOT BY KZF DESIGN - PROVIDED DIRECTLY FOR THE OWNER)		
AS-1	PLAN VIEW	USP/FRO
AS-2	ELEVATIONS AND GENERAL NOTES	USP/FRO
AS-3	DOOR DETAILS	USP/FRO
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PLUMBING		
P-001	GENERAL NOTES AND SCHEDULES	USP/FRO
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ELECTRICAL		
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ES101	SITE LIGHTING AND POWER PLAN	USP/FRO
E-101	INDOOR AND PLATFORM LIGHTING AND POWER PLAN	USP/FRO
E-401	SCHEDULES AND SINGLE LINE DIAGRAM	USP/FRO

USP/FRO - UNDER SEPARATE PERMIT...ISSUED FOR REFERENCE ONLY

DATE: 04/01/2022
JOB: 04-01-2022 GRADING PERMIT

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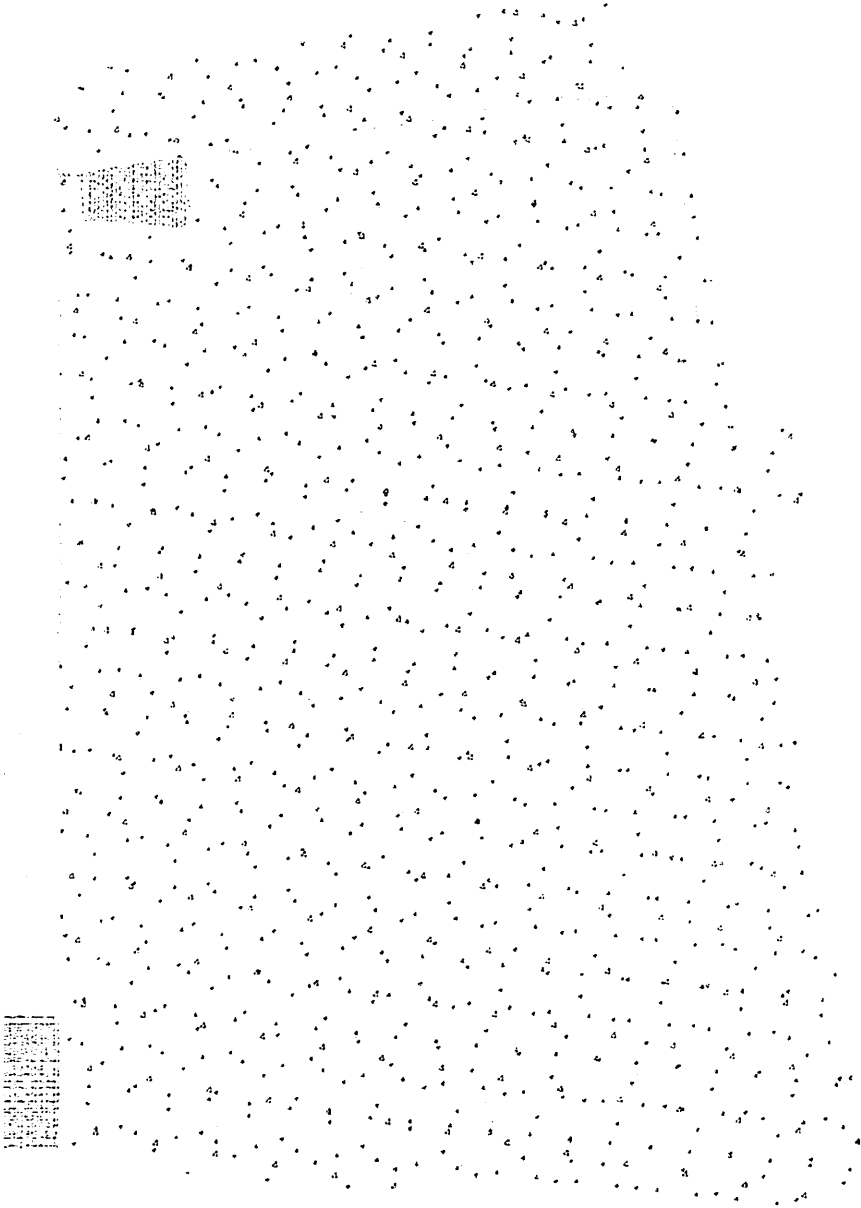


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CHECKED BY: SCHWITZ
DATE: 04/01/2022
PROJECT NO.: 04-01-2022
PROJ. LEAD: SCHWITZ

DRAWING INDEX

DRAWING NUMBER: **G-001**
ISSUE: **1**

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LEGEND

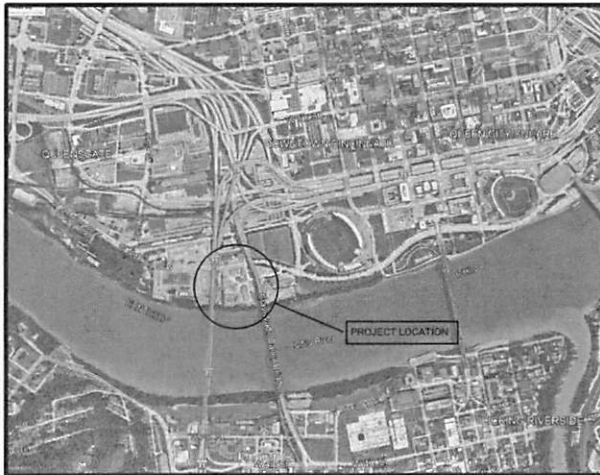
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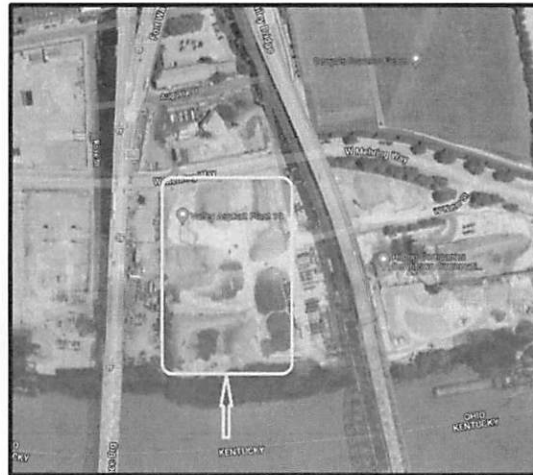
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VICINITY MAP



LOCATION PLAN



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DRAWN	DATE	
SCHMITZ	04-01-2022	
CHECKED	PROJ. MGR.	
SCHMITZ	SCHULTZ	

COVER SHEET

DRAWING NUMBER ISSUE
G-000 1

DRAWING INDEX

CURRENT NUMBER	TITLE
0-000	GENERAL COVER SHEET
0-001	DRAWING INDEX
0-002	GENERAL NOTES
1S101	FIRST FLOOR LIFE SAFETY PLAN
SURVEY (NOT BY KZF DESIGN - PROVIDED DIRECTLY FOR THE OWNER)	
SRV1	TOPOGRAPHICAL SURVEY
CIVL	CIVIL
V7001	EXISTING ZONING
V7002	EXISTING SITE PLAN
C0101	CIVIL SITE PLAN
C0101	SITE DEMOLITION PLAN
C2102	TRAFFIC PAVEMENT MARKING AND SIGNING PLAN
C3501	CIVIL SITE DETAILS
C3502	CIVIL SITE DETAILS
C3503	CIVIL SITE DETAILS
C3504	CIVIL SITE DETAILS
C0101	CIVIL SITE GRADING PLAN
C0102	CIVIL DETAILED GRADING PLAN
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C0101	CIVIL SITE UTILITY PLAN
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TURF (NOT BY KZF DESIGN - PROVIDED DIRECTLY FOR THE OWNER)	
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S-503	PLATFORM FRAMING SECTIONS AND DETAILS
FABRIC STRUCTURE (NOT BY KZF DESIGN - PROVIDED DIRECTLY FOR THE OWNER)	
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A3-3	DOOR DETAILS
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E3101	SITE LIGHTING AND POWER PLAN
E-101	INDOOR AND PLUMBING LIGHTING AND POWER PLAN
E-401	SCHEDULES AND SINGLE LINE DIAGRAM

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DATE: 04-01-2022
 DRAWING NUMBER: 1

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GENERAL NOTES

ALL WORK PERFORMED ON THIS PROJECT SHALL CONFORM TO THE LATEST STANDARDS AND ALL TRANSPORTATION. ALL WORK SHALL BE IN ACCORDANCE WITH FEDERAL, OSHA REGULATIONS.

PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL UTILITIES. ADDITION, THE CONTRACTOR SHALL VERIFY THE ENGINEER'S LINES AND GRADES. IF THERE ARE ANY DISCREPANCIES BETWEEN THE SHOWN UTILITIES AND RECORDS, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY THE DISCREPANCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

ALL PROPOSED ITEMS ARE INTENDED TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER EACH SYSTEM PRIOR TO INSTALLATION.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP AND TIE-IN FEES AND ANY RESULTS THAT ARE REQUIRED. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES THAT MEET LOCAL MAINTENANCE OF TRAFFIC STANDARDS TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION.

THE CONTRACTOR IS EXPECTED TO BE FAMILIAR WITH THE TERMS, LEGENDS, AND ABBREVIATIONS USED IN THE PLANS. IN THE EVENT THAT ANY TERMS OR ABBREVIATIONS ARE NOT CLEAR TO THE CONTRACTOR, THE CONTRACTOR SHALL REQUEST CLARIFICATIONS DURING THE BIDDING PERIOD. THE FAILURE TO UNDERSTAND ANY SUCH TERM, LEGEND, OR ABBREVIATIONS SHALL BE USED AS A BASIS FOR A CHANGE IN CONTRACT COST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OF UTILITIES TO ORIGINAL CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OF UTILITIES TO ORIGINAL CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OF UTILITIES TO ORIGINAL CONDITION.

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SURVEY & DATUM

THIS PROJECT WAS SURVEYED AND DESIGNED USING HIGHER VERTICAL ELEVATIONS AND GROUND DATUM AND A TRANSFORMATION FACTOR BETWEEN THE CITY OF CINCINNATI 1985 DATUM AND THE HIGHER DATUM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

WORK IN RIGHT OF WAY

WORK IN THE RIGHT OF WAY MUST BE PER CITY OF CINCINNATI STANDARDS.

GRADES/LEATHWORK NOTES

THE CONTRACTOR SHALL COORDINATE APPROXIMATE LANE GRADINGS AND SURFACE OF MATERIALS WITH THE OWNER. LAND SURVEYING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM GOVERNING AUTHORITIES.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF SITE WORK SUCH AS GRADING, EXCAVATION, DEMOLITION, AND CONSTRUCTION.

CONTRACTOR SHALL PROVIDE EROSION CONTROL PRACTICES AS REQUIRED THROUGHOUT ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SEDIMENT TUBES, ETC.) TO PREVENT EROSION, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS DEEMED NECESSARY BY ON-SITE INSPECTION.

BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS.

THE CONTRACTOR SHALL PROVIDE DUST CONTROL (WATER OR CALCIUM) AS NECESSARY TO KEEP DUST TO A MINIMUM.

ALL CONSTRUCTION AREAS SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT THE END OF EACH WORKING DAY AND WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.5 INCHES DURING A 24-HOUR PERIOD. ALL CONSTRUCTION AREAS SHALL BE INSPECTED AND REPAIRS SHALL BE COMPLETED WITHIN 48 HOURS OF REPORT.

CONTRACTOR MUST INSPECT ADVANCED PUBLIC OR PRIVATE ROADWAYS EVERY DAY WORK IS PERFORMED FOR SIGNS OF VEHICLE TRACKING AND SEDIMENT ONTO ROADWAYS. CONTRACTOR IS RESPONSIBLE FOR CLEANING SEDIMENT TRACKING ONTO ROADWAYS.

CONTRACTOR SHALL MAINTAIN DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, INCLUDING DRAINAGE CONTROL STRUCTURES, SHALL BE IN CONFORMANCE WITH THE CITY STANDARDS FOR EROSION AND SEDIMENT CONTROL.

GRADES AND CONTOURS SHOWN REPRESENT FINAL CONSTRUCTED SURFACE PAVEMENT AND OTHER SHALL BE MAINTAINED THROUGHOUT THE PROJECT. AREAS SHALL BE 4 INCH FROM PLAN GRADE. POSITIVE DRAINAGE SHALL BE MAINTAINED IN ALL PAVED AREAS.

CONCRETE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL FRESH CONCRETE SHALL BE PROTECTED FROM DAMAGE BY THE ENVIRONMENTAL PROTECTION AGENCY'S REPAIR BEST PRACTICES. ALL CONCRETE SHALL BE PROTECTED FROM DAMAGE BY THE ENVIRONMENTAL PROTECTION AGENCY'S REPAIR BEST PRACTICES.

ALL CONCRETE SHALL BE PROTECTED FROM DAMAGE BY THE ENVIRONMENTAL PROTECTION AGENCY'S REPAIR BEST PRACTICES. ALL CONCRETE SHALL BE PROTECTED FROM DAMAGE BY THE ENVIRONMENTAL PROTECTION AGENCY'S REPAIR BEST PRACTICES.

PAVING NOTES

PROVIDE POSITIVE DRAINAGE IN ALL AREAS. WATER SHALL BE USED TO CHECK FOR BRID BATH CONDITIONS. ANY BRID BATH LOCATIONS SHALL BE CUT OUT AND REGRADED TO DRAIN. A SMOOTH TRANSITION SHALL BE PROVIDED FROM PROPOSED WORK IN THIS CONTRACT TO ALL ADJACENT EXISTING FEATURES.

THE EXISTING ASPHALT EDGE SHALL BE PROPERLY SEALED WITH TACK COAT PRIOR TO PROPOSED PAVING IN ALL AREAS WHERE EXISTING ASPHALT PAVEMENT MEETS PROPOSED PAVEMENT.

UTILITY NOTES

ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY THE CONTRACTOR WITH LOCAL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.

EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

ALL TRENCH EXCAVATION FOR ALL UTILITIES WITHIN 24 INCHES OF ANY PAVEMENT SURFACE (INCLUDING SIDEWALK) SHALL BE BACKFILLED WITH GRANULAR BACKFILL.

CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF ELECTRIC LINES PRIOR TO INSTALLATION OF THOSE LINES TO DETERMINE IF THE CONNECTION CAN BE MADE AS PER THE PLANS. CONTRACTOR SHALL NOTIFY THE OWNER IF THE PROPOSED UTILITY CONNECTION CANNOT BE MADE PER THE PLANS IN THE CASE OF AN UNEXPECTED UTILITY OR STRUCTURE INTERFERENCE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER.

UTILITY TRENCH EXCAVATIONS SHALL NOT EXCEED 1.5:1 WITHOUT THE USE OF TRENCH PROTECTION. TRENCH PROTECTION IS NOT REQUIRED IF THE TRENCH IS ENTIRELY WITHIN STABLE ROCK EXCAVATION OR IF THE TRENCH IS LESS THAN 5 FEET DEEP AND THERE IS NO INDICATION OF A POTENTIAL CAVE-IN. CONTRACTOR SHALL LIMIT THE LENGTH OF OPEN TRENCH AS POSSIBLE AND USE RAINFALL EVENTS.

STORM SEWER NOTES

FORM SEWER PIPES SHALL BE GOST CLASS 8. CONTRACTOR TO TAKE EXTRA PRECAUTION TO PROVIDE PROPERLY COMPACTED BACKFILL UNDER PPE MANHOLES.

THE CONTRACTOR SHALL PROVIDE AS-BUILT PLANS INCLUDING TOP AND INVERT ELEVATION OF INLETS AND MANHOLES, LENGTH, SIZE, AND SLOPE OF ALL STORM SEWERS.

WATER DISTRIBUTION

ALL WATER SERVICE PIPING SHALL CONFORM TO GREATER CINCINNATI WATERWORKS STANDARDS AND SPECIFICATIONS. WATER SERVICE PIPING SHALL BE K COPPER.

GAS SERVICE NOTES

THE CONTRACTOR SHALL PROVIDE AS-BUILT PLANS INCLUDING THE LOCATION OF ALL PIPING. THE CONTRACTOR SHALL COORDINATE WITH THE GAS SERVICE WITH DUKANE ENERGY. ALL GAS SERVICE LINES SHALL BE PER DUKANE ENERGY STANDARDS.

INTERIM INDOOR PRACTICE FACILITY
621 W MEHRING WAY
CINCINNATI, OHIO 45202



KZF DESIGN
270 Brinsbury Street
Cincinnati, OH 45202
Phone: 513.821.0211
kzf.com



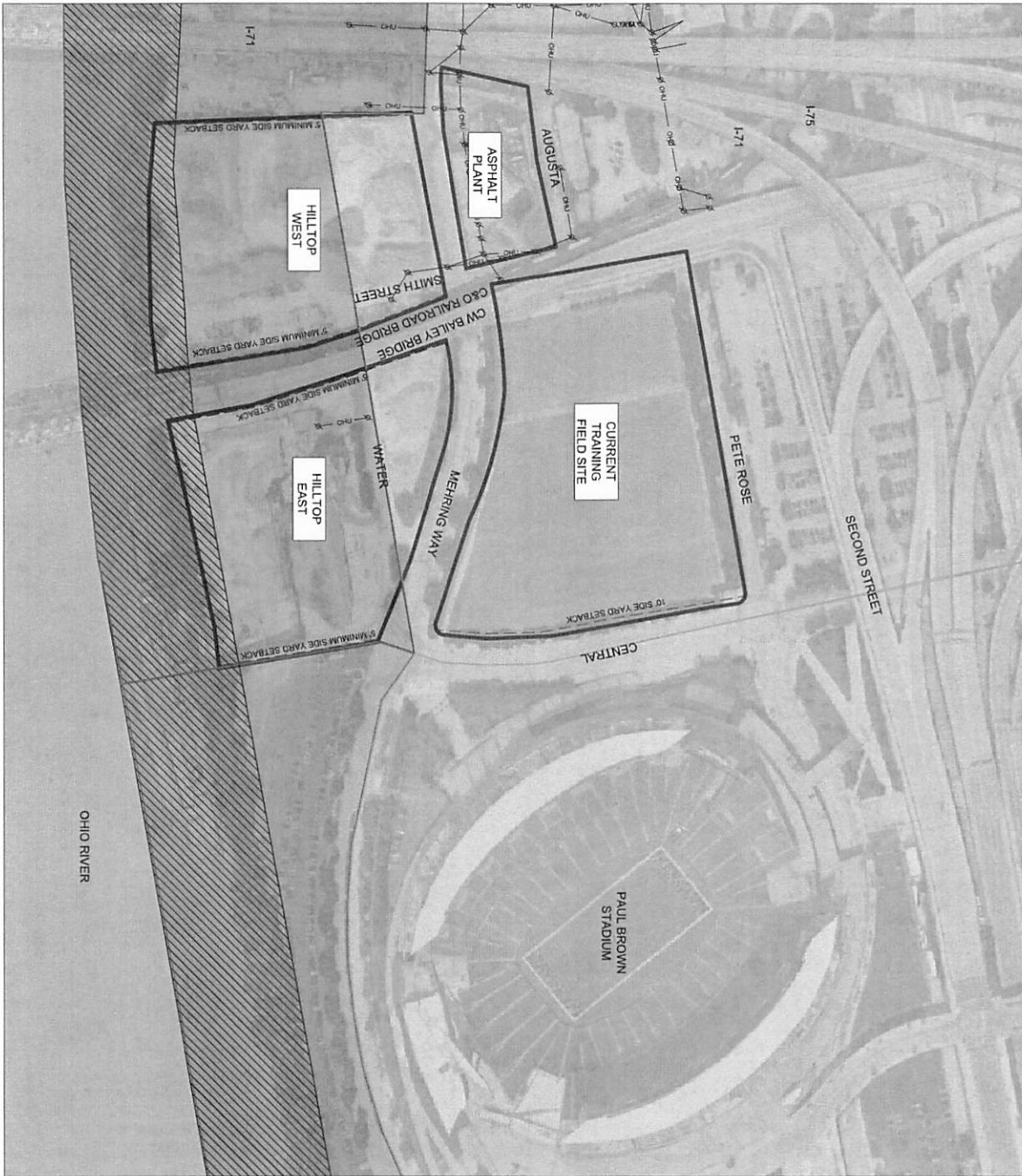
PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 11111
DATE: 11/11/22
EXPIRES: 11/11/23
NAME: [Redacted]
FIRM: [Redacted]

GENERAL NOTES

EXPIRES: NOVEMBER 2025
G-002 1



Call before you dig



LEGEND

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[Hatched pattern]	TEAM FLOORWAY



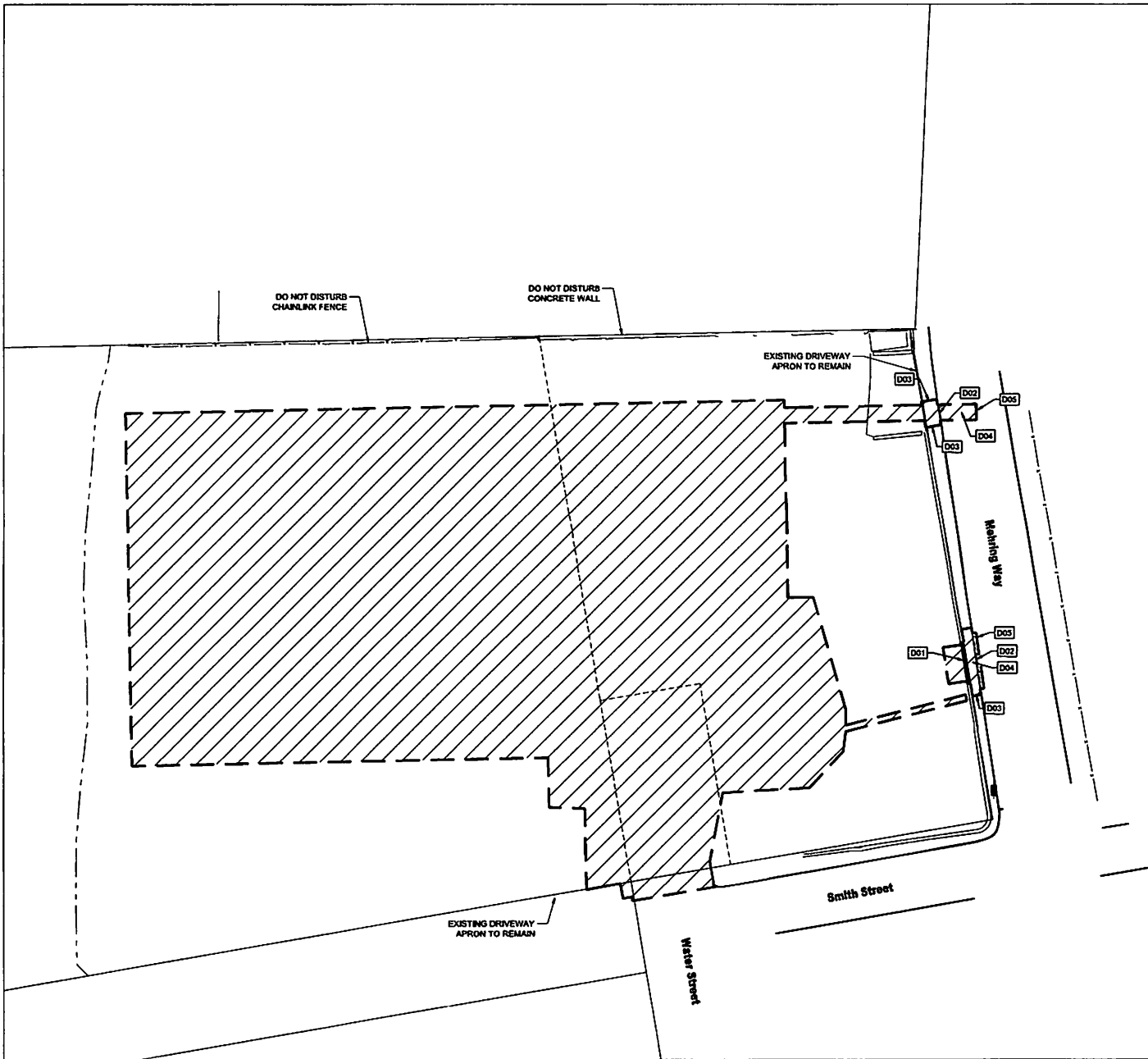
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 DRAWING NUMBER: VF001
 SHEET: 1

KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.231.0211
 kzf.com

WARREN
 REGISTERED PROFESSIONAL ENGINEER
 No. 14782

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

NO.	DATE	DESCRIPTION
1	04/31/2022	ISSUE FOR GRADING PERMIT



GENERAL NOTES

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. THE EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.
3. WORK TO BE COMPLETED INSIDE OF THE RIGHT-OF-WAY (RW) SHALL BE ACCORDING TO CITY OF CINCINNATI DEPARTMENT OF TRANSPORTATION AND ENGINEERING STANDARDS AND SPECIFICATIONS. CONTRACTOR IS REQUIRED TO PROVIDE A MAINTENANCE OF TRAFFIC PLAN.
4. CONTRACTOR TO REFER TO ODOT STANDARD DRAWING MT-98.31 FOR TEMPORARY LANE CLOSURES.
5. PROTECT ALL EXISTING RETAINING WALLS TO REMAIN.
6. DEMOLISH ALL EXISTING PAVEMENTS AND CURBING IN ACCORDANCE WITH LOCAL REGULATIONS WITHIN THE LIMITS OF PROPOSED CONSTRUCTION UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO CONTROL DUST IN ACCORDANCE WITH ODOT STANDARDS.

LEGEND

- - - - - CONSTRUCTION LIMITS
- - - - - FULL DEPTH SAWCUT
- FULL DEPTH PAVEMENT REMOVAL

DRAWING NOTES

- D01 REMOVE 27'x23'x12" CONCRETE RETAINING BLOCKS
- D02 (RW) REMOVE CURB, SEE NOTE C
- D03 (RW) REMOVE CONCRETE SIDEWALK TO NEAREST JOINT
- D04 (RW) REMOVE ASPHALT PAVEMENT IN MEHRING WAY, SEE NOTE C
- D05 (RW) FULL DEPTH SAWCUT

11-10-2022 11:58:00 AM
 11-10-2022 11:58:00 AM

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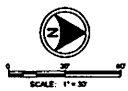


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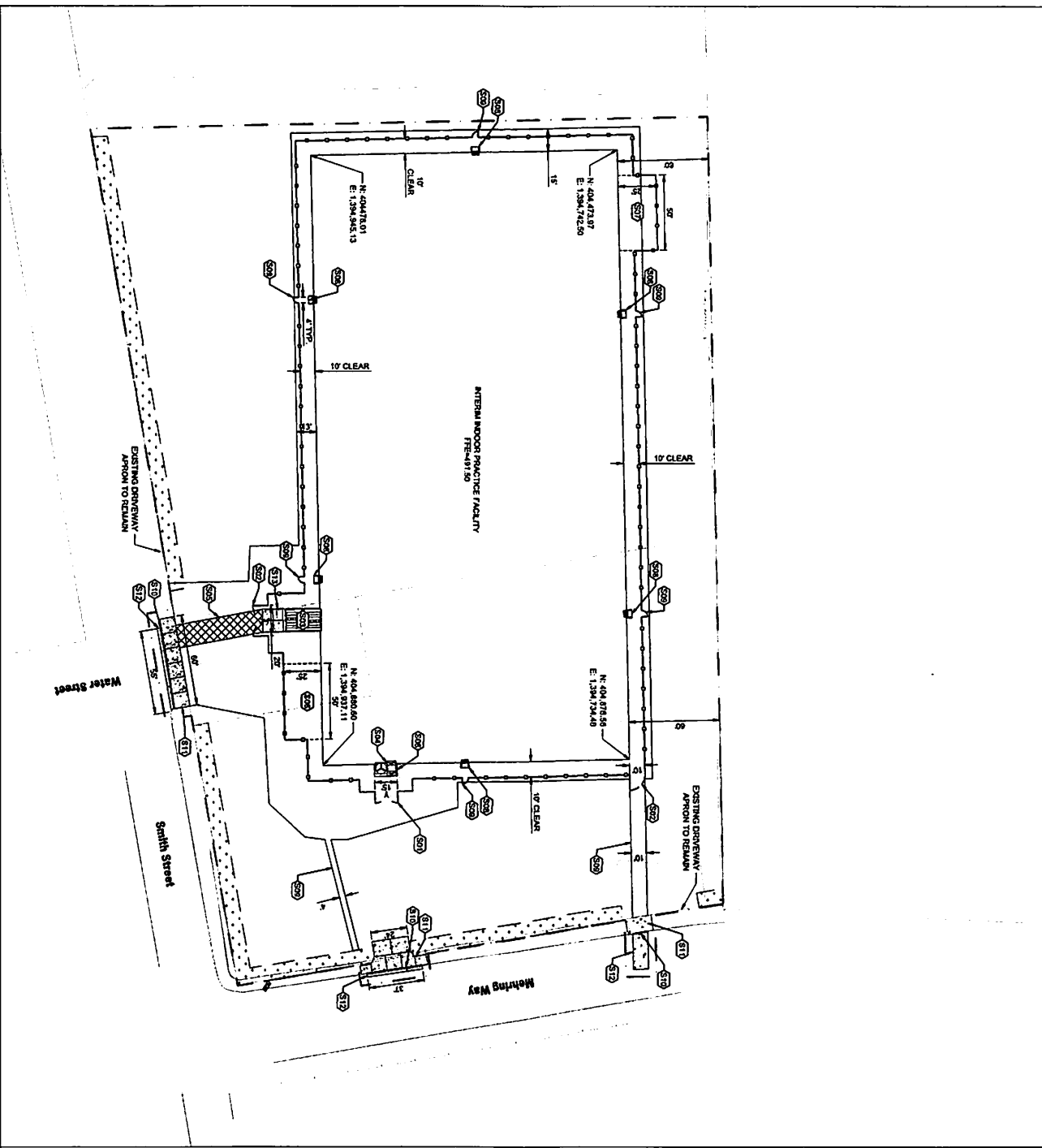


DESIGNED BY	CCM	NO
JED WARM	44772	OH
DRAWN	DATE	
FRANCIS	04/10/22	
CHECKED	PROJ. MGR.	
FORTNER	04/12	



SITE DEMOLITION PLAN

DRAWING NUMBER: **CD101**
 SHEET: **1**



- GENERAL NOTES**
1. BUTT JOINTS SHALL BE USED TO ADJOIN EXISTING DRIVEWAYS.
 2. ALL IRREGULAR SHAPED CONCRETE SLABS TO BE REINFORCED USING 4 BARS @ 12" O.C. EACH WAY.
 3. ALL DRIVEWAYS TO HAVE A 1/4" FOOT CROSS SLOPE.
 4. CONTRACTOR TO MATCH NEW CURBS ALONG EXISTING DRIVEWAYS.
 5. MATCH EXISTING THICKNESS OF CONCRETE PAVEMENT TO EXISTING PAVEMENT. CONTRACTOR TO MATCH TYPICAL CONCRETE PAVEMENT TRENCH REPAIR SECTION.

- LEGEND**
- CONSTRUCTION LIMITS
 - - - FENCE. SEE DETAIL 01C3530
 - ▣ HEAVY DUTY ASPHALT PAVEMENT. SEE DETAIL 01C3501
 - ▤ LIGHT DUTY ASPHALT PAVEMENT. SEE DETAIL 01C3501
 - ▥ 10' LANDSCAPE BUFFER

- DRAWING NOTES**
- 501 MULTICASTE. SEE DETAIL C4303
 - 502 VEHICLE GATE WITH PADLOCK
 - 503 ALUMINUM ROLLUP DOOR (10' W X 10' H)
 - 504 ALUMINUM ROLLUP DOOR (10' W X 10' H)
 - 505 NORTH/EAST ELEVATED MECHANICAL EQUIPMENT AREA
 - 506 EQUIPMENT AREA
 - 507 SEE CO-OP FOR ELEVATIONS
 - 508 EGRESS STOOP. SEE STRUCTURAL FOR DETAIL
 - 509 SEE CO-OP FOR ELEVATIONS. SEE DETAIL 01C3501
 - 510 PUMP CURBS. SEE DETAIL 01C3503 AND SEE DETAIL 01C3502
 - 511 ASPHALT CONCRETE DRIVEWAY
 - 512 ASPHALT CONCRETE DRIVEWAY
 - 513 DETAIL 01C3502
 - 514 SEE STRUCTURAL FOR VEHICLE AIRLOCK
 - 515 SEE STRUCTURAL FOR DETAIL. SEE CO-OP FOR ELEVATIONS

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

KZF DESIGN
 Engineering & Architecture

ICP
URPM
 313.821.12411

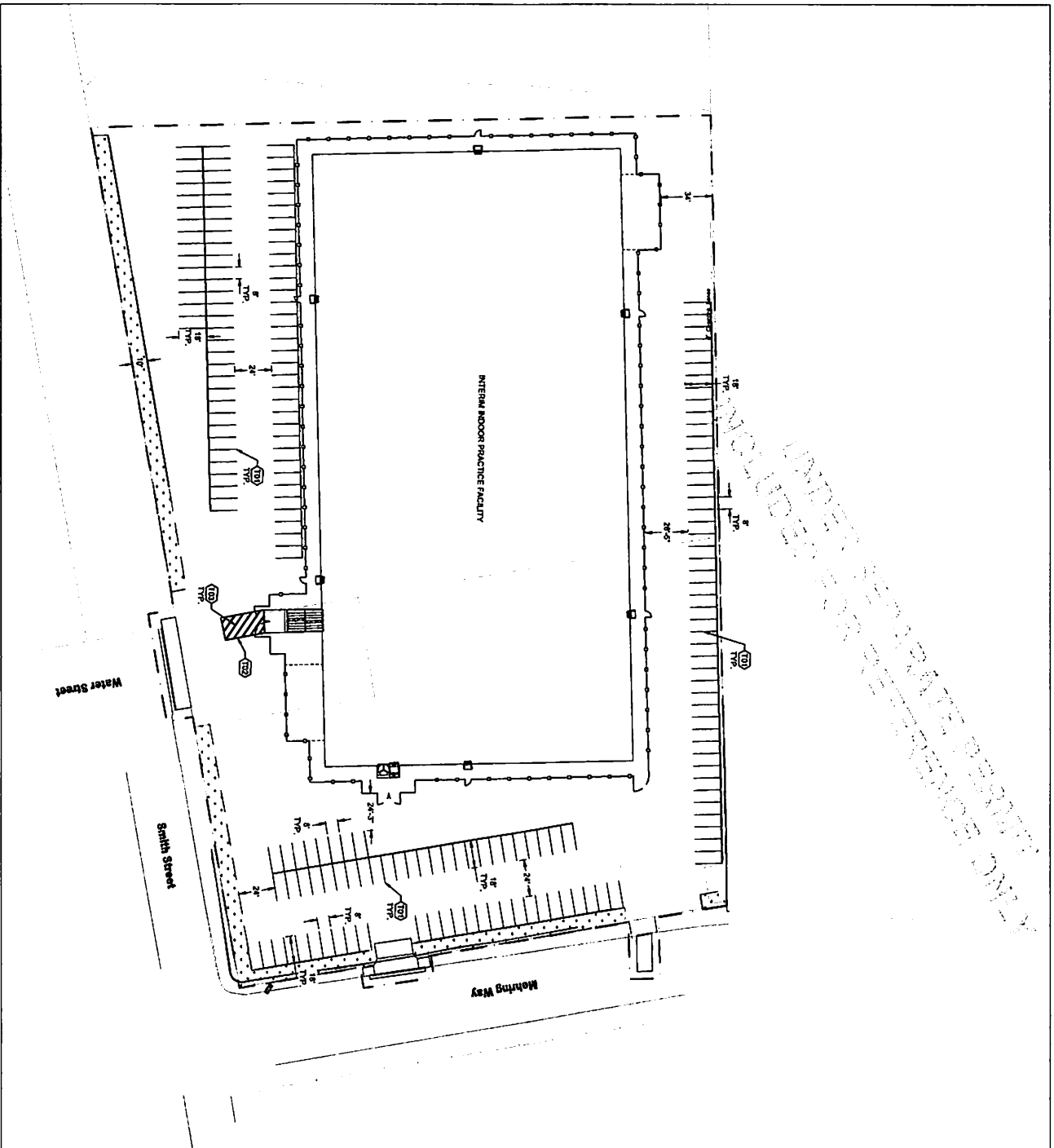
ICP DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202

DATE: 11/22/20
SCALE: 1" = 20'

DESIGNED: [Signature]
CHECKED: [Signature]
DRAWN: [Signature]
DATE: 11/22/20
PROJECT: INTERIM INDOOR PRACTICE FACILITY

CIVIL SITE PLAN

DRAWING NUMBER: CS101 1



- GENERAL NOTES**
- A. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE OHIO MANUAL OF ROADWAY SIGNS AND MARKINGS MANUAL.
 - B. ALL DIMENSIONS AND/OR DIRECTIONS SHOWN IN CALLOUTS ARE IN FEET UNLESS OTHERWISE NOTED.
 - C. FOR TRANSVERSE LINES, OUTSIDE LINE SHALL BE 4' WIDE AND INSIDE LINE SHALL BE 8' WIDE.

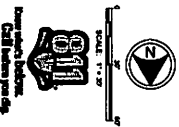
LEGEND

--- CONSTRUCTION LIMITS

- DRAWING NOTES**
- T1 EXISTING PAVED DRIVE
 - T2 NEW 4" WIDE YELLOW TRANSVERSE LINE
 - T3 NEW 8" WIDE YELLOW TRANSVERSE LINES

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

KZF DESIGN
 KZF DESIGN INC.
 700 DUNDASWAY STREET
 CINCINNATI, OH 45202
 PHONE: 513.621.1271
 FAX: 513.621.1271

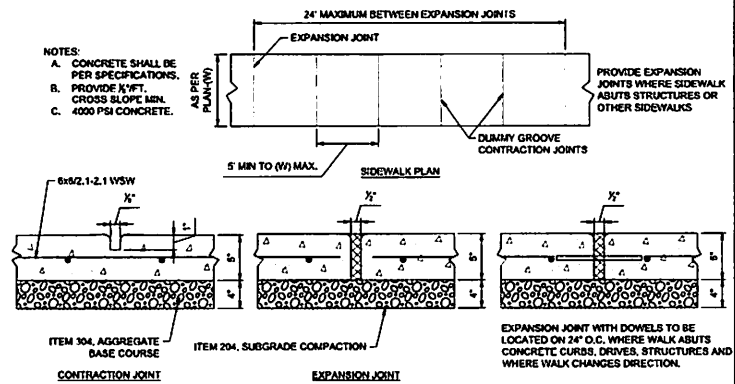


CS-102

TRAFFIC, PAVEMENT, AND SIGNING PLAN

DATE: 04/01/2022
 DESIGNED BY: [Name]
 CHECKED BY: [Name]
 DRAWING NO.: [Number]

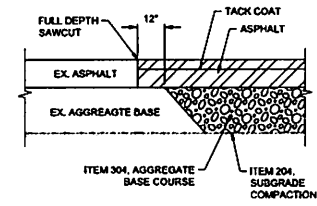
04/01/2022 PROGRESS REVIEW SET



- NOTES:
- CONCRETE SHALL BE PER SPECIFICATIONS.
 - PROVIDE 1/2" FT. CROSS SLOPE MIN.
 - 4000 PSI CONCRETE.

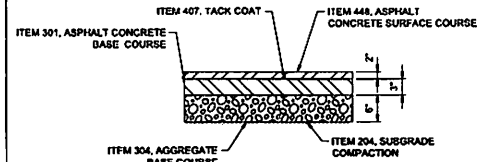
EXPANSION JOINT WITH DOWELS TO BE LOCATED ON 24" O.C. WHERE WALK ABUTS CONCRETE CURBS, DRIVERS, STRUCTURES AND WHERE WALK CHANGES DIRECTION.

03 SIDEWALK DETAILS
CS501 N.T.S.

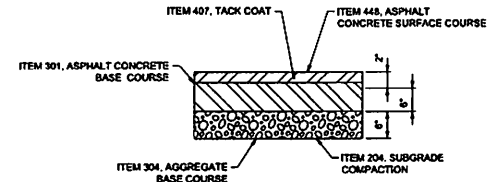


- NOTE:
- REFER TO DETAIL 01CS501 FOR PAVEMENT SECTION.
 - BASE AND SUBGRADE COMPACTION SHALL BE PER ASTM D1557.

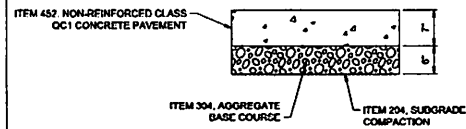
02 BUTT JOINT DETAIL
CS501 N.T.S.



LIGHT DUTY ASPHALT PAVEMENT



HEAVY DUTY ASPHALT PAVEMENT



CONCRETE PAVEMENT

- NOTE:
- ALL MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE OHIO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
 - BASE AND SUBGRADE COMPACTION SHALL BE PER ASTM D1557.

01 PAVEMENT DETAILS
CS501 N.T.S.

DATE: 04/17/22
DRAWN BY: CS501

INTERIM INDOOR PRACTICE FACILITY
621 W MEHRING WAY
CINCINNATI, OHIO 45202

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main: 513.621.6211
kzf.com

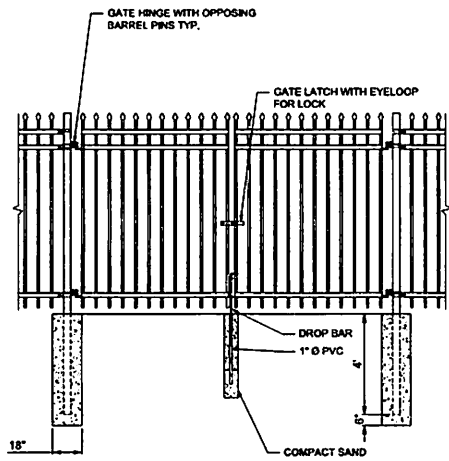
WARM
MADE IN OHIO



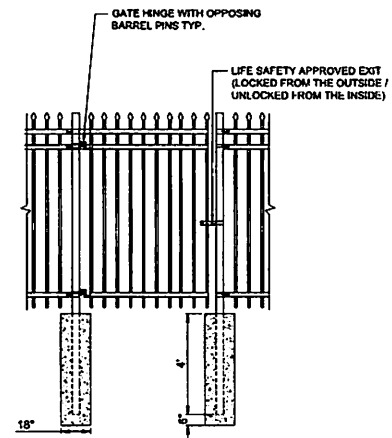
DESIGNED BY: CS501
CHECKED BY: CS501
DATE: 04/17/22

CIVIL SITE DETAILS

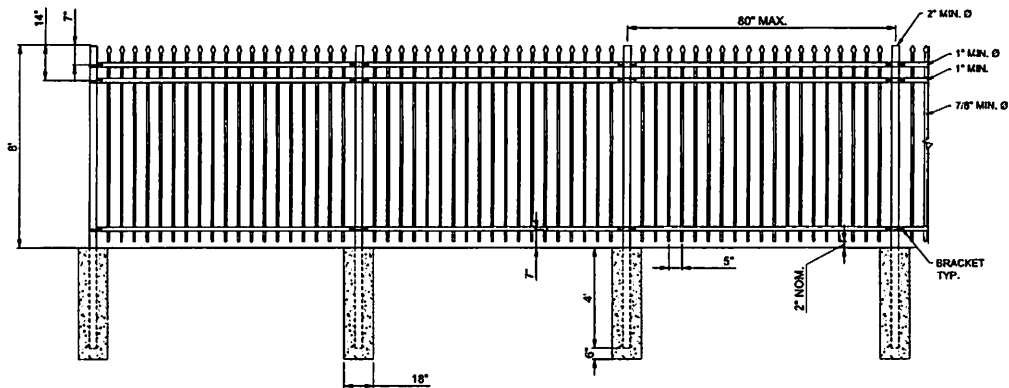
DRAWING NUMBER: CS501
ISSUE: 1



DOUBLE SWING GATE



MAN EGRESS GATE



NOTES:
 1.) ORNAMENTAL FENCE BASIS OF DESIGN IS INTENDED TO MATCH EXISTING SECURITY AND AESTHETIC REQUIREMENTS FENCE OF THE EXISTING PRACTICE FIELD.
 2.) ALL FINISHED MATERIAL ABOVE GRADE SHALL BE GALVANIZED AND THE COLOR BLACK, TO MATCH THE EXISTING PRACTICE FACILITY FENCE.

TYPICAL FENCE LAYOUT

01 **BLACK ORNAMENTAL FENCE**
 CS503 N.T.S.

DATE: 04/12/22
 DRAWN BY: J. W. WOODRUFF
 CHECKED BY: J. W. WOODRUFF

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

KZF DESIGN
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KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202

main 513.621.6211
 kzf.com

IDOL WARM
 IDOL WARM PERFORMANCE SYSTEMS



DESIGNED	WOODRUFF
DRAWN	WOODRUFF
CHECKED	WOODRUFF
DATE	04/12/22
PROJ. NO.	24-012
SHEET	01 OF 01

**CIVIL SITE
 DETAILS**

DRAWING NUMBER: **CS503**
 1

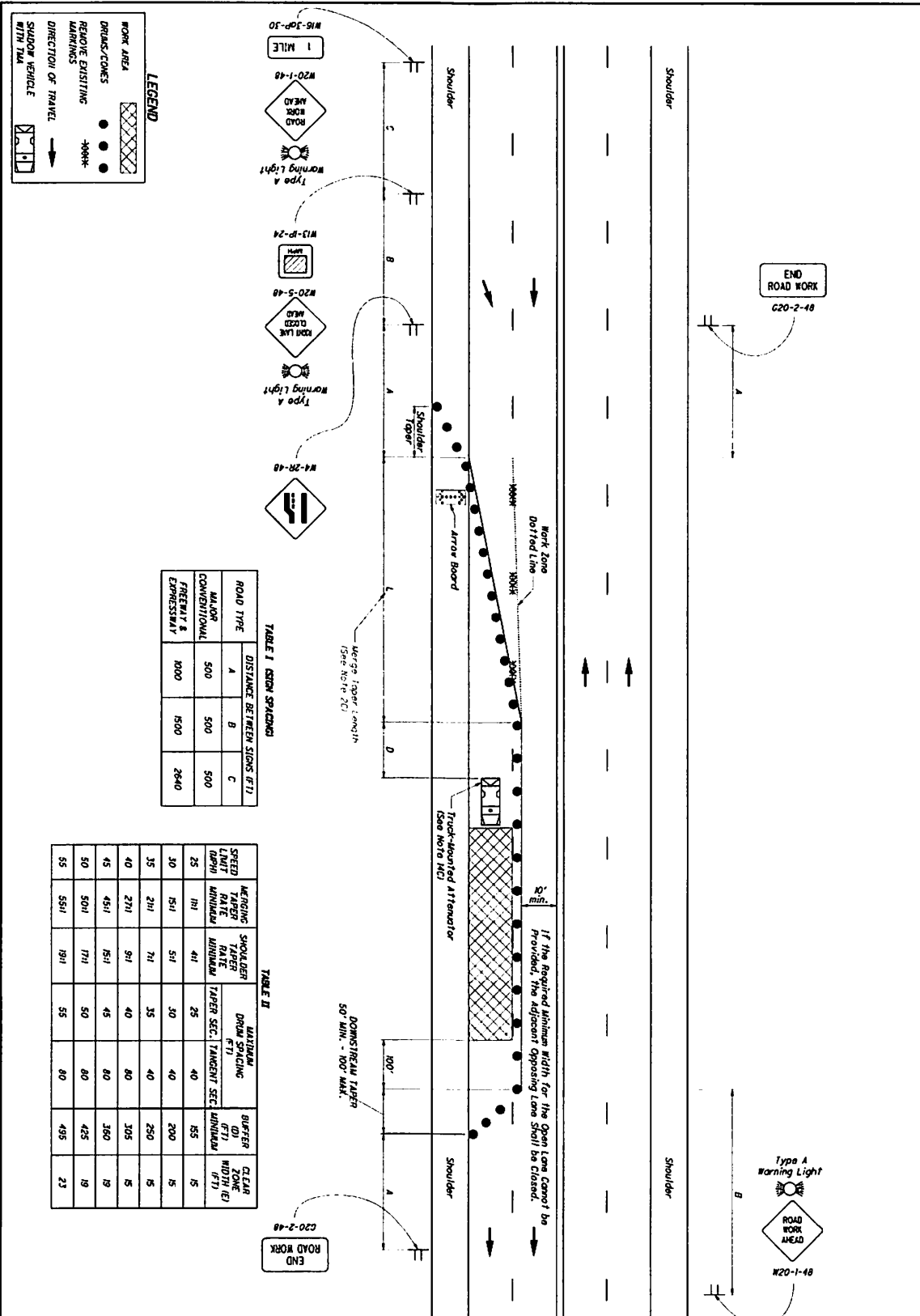


TABLE I (CS20 SPACING)

ROAD TYPE	A	B	C
MAJOR CONVENTIONAL	500	500	500
FOREST & EXPRESSWAY	800	1500	2640

TABLE II

SPEED LIMIT (MPH)	WARNING TAPER LENGTH (MINIMUM)	SHOULDER TAPER LENGTH (MINIMUM)	DRUM SPACING (FT)	MAINTENANCE TANGENT SEC. (MINIMUM)	BUFFER ZONE WIDTH (FT)	CLEAR WIDTH (FT)
25	171	41	25	40	55	15
30	151	51	30	40	200	15
35	211	71	35	40	250	15
40	271	91	40	80	305	15
45	451	151	45	80	360	19
50	501	171	50	80	425	19
55	551	191	55	80	495	23

THIS DRAWING REPLACES MT-95.31 DATED 04-19-2019.

SCD NUMBER: **MT-95.31** STANDARD ROADWAY CONSTRUCTION DRAWING

CLOSING RIGHT LANES OF A MULTI-LANE UNDIVIDED HIGHWAY WITH DRUMS

OFFICE OF ROADWAY ENGINEERING
Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION
David L. Holstein

REVISION DATE: 07-19-2019

CSS04 1

ISSUED FOR CONSTRUCTION

DATE: 7/19/20

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

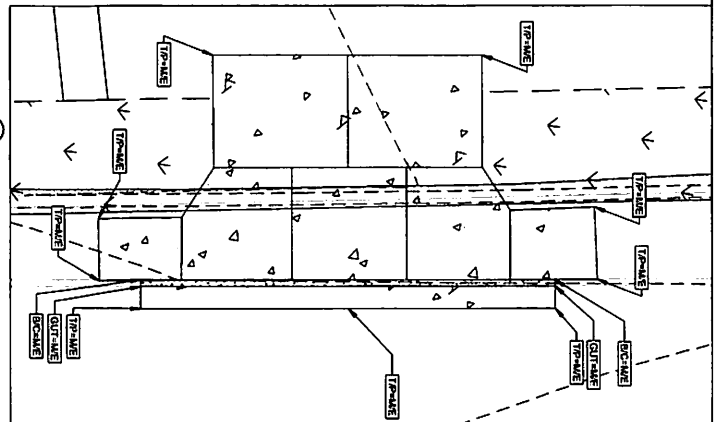
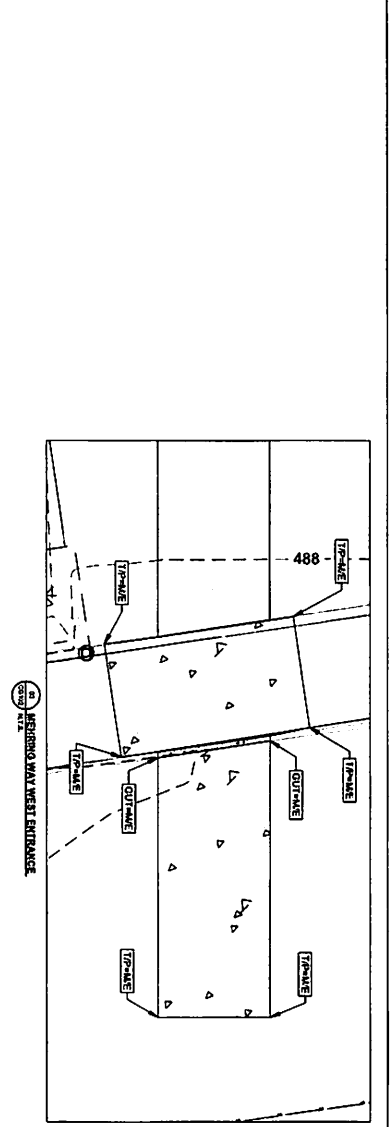
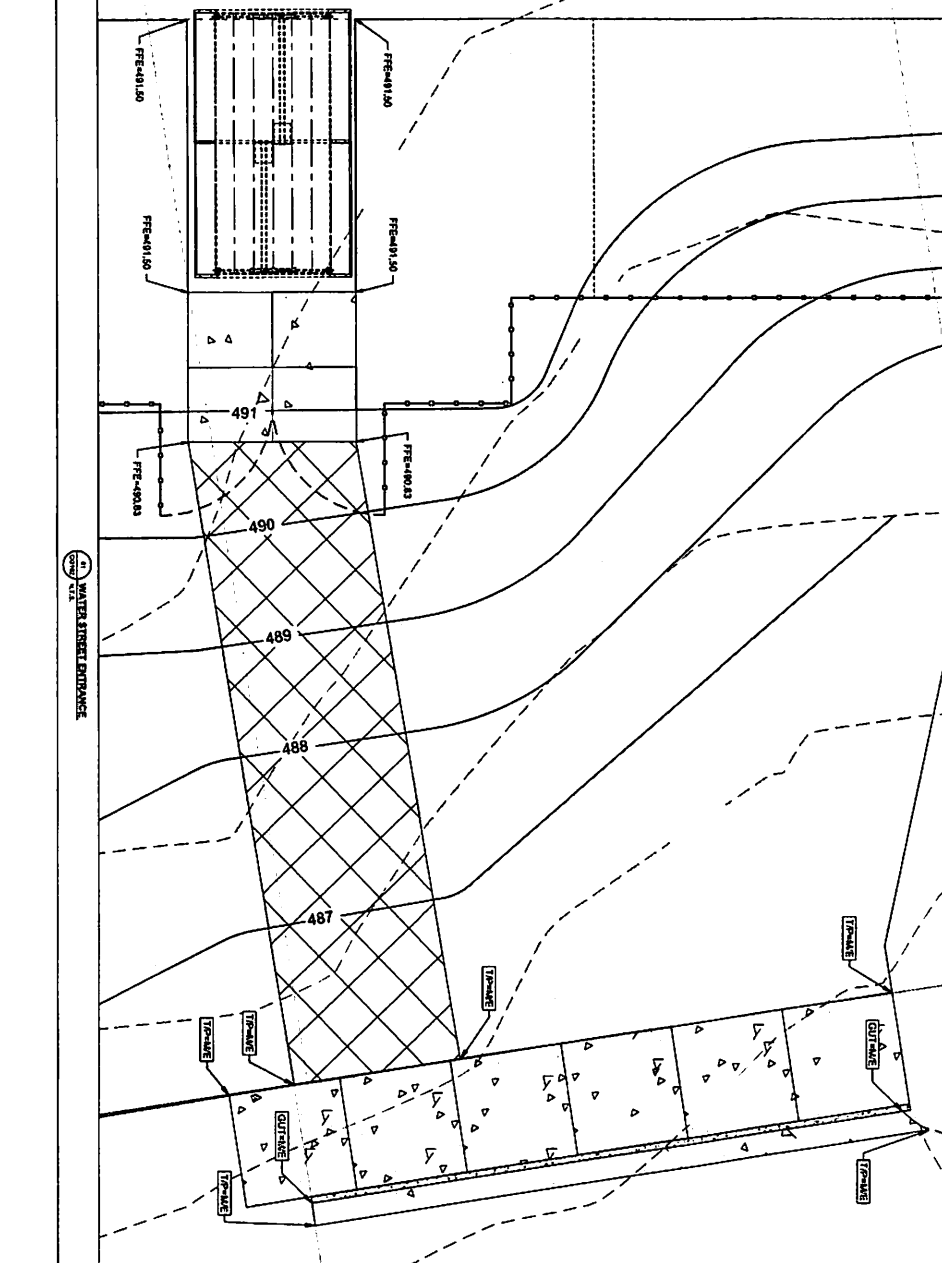
CIVIL SITE DETAILS

INTERIM INDOOR PRACTICE FACILITY

621 W MEHRING WAY
CINCINNATI, OHIO 45202

NO. DATE DESCRIPTION

1 04/19/20 ISSUE FOR GRADING PERMIT



- GENERAL NOTES**
1. ALL FINISH GRADES SHALL SLOPE TO DRAIN.
 2. REFER TO SHEETS CS101 FOR SITE LAYOUT.
 3. NEW SIDEWALK ALONG MEHRING WAY TO HAVE A 2% MAXIMUM CROSS SLOPE.

- LEGEND**
- EXISTING CONTOUR
 - 490 - EXISTING CONTOUR
 - 489 - PROPOSED CONTOUR
 - HEAVY DUTY ASPHALT PAVEMENT, SEE DETAIL 01(C)301
 - LIGHT DUTY ASPHALT PAVEMENT, SEE DETAIL 01(C)301
 - 1" LANDSCAPE BUFFER
 - TOP OF PAVEMENT = MATCH EXISTING
 - GUTTER = MATCH EXISTING
 - SCURIE BACK OF CURB = MATCH EXISTING



CG-102 1

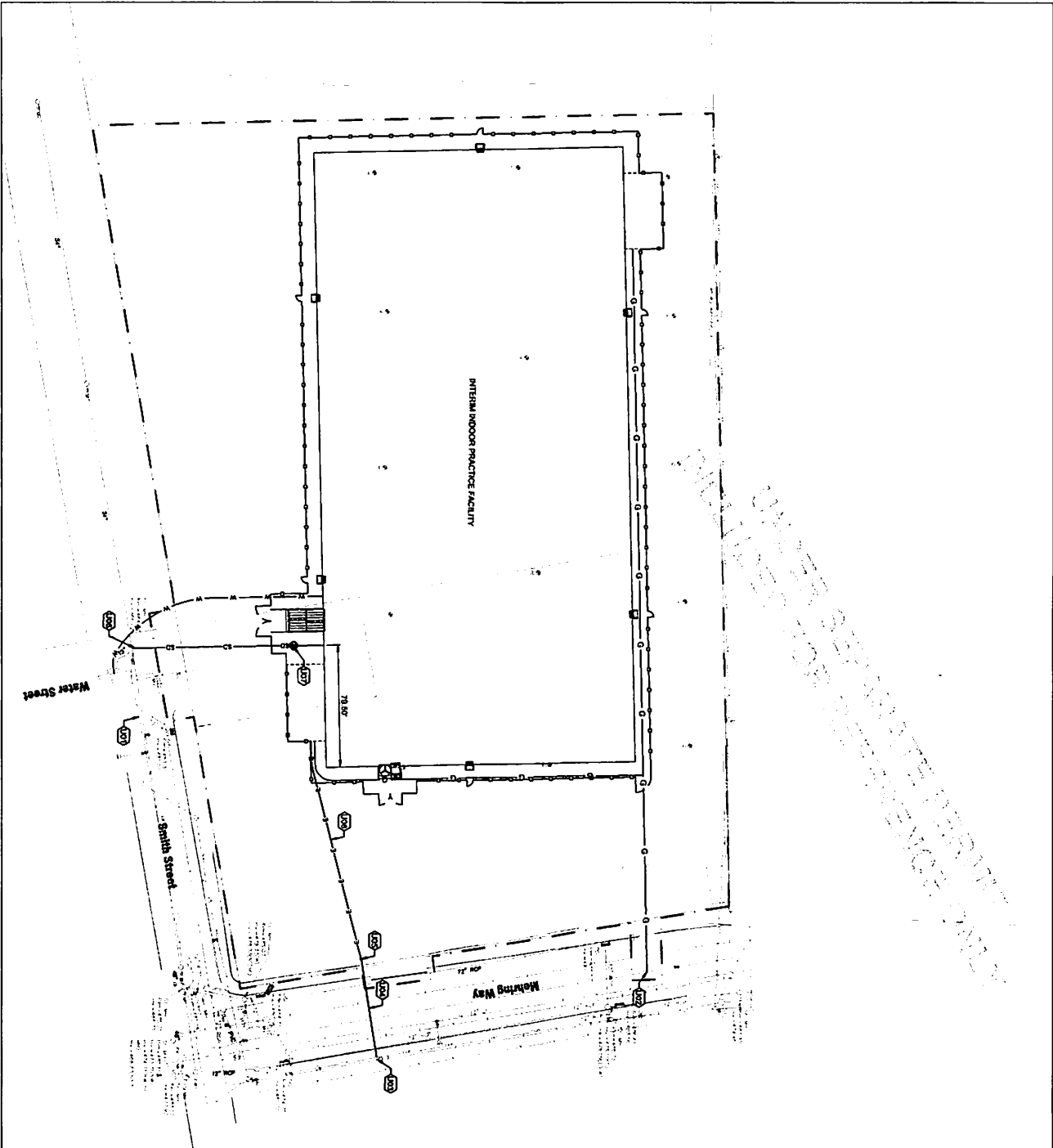
CIVIL DETAILED GRADING



KZF DESIGN
 KZF DESIGN INC.
 770 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.251.1271

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

NO.	DATE	DESCRIPTION
1	04/01/2022	ISSUE FOR GRADING PERMIT



GENERAL NOTES

A CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

B THE EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.

LEGEND

--- CONSTRUCTION LIMITS

--- TYPE K FLEXIBLE COPPER WATER SERVICE. SEE DETAIL 02CU01

--- 000T TYPE B CONDUIT. SEE DETAIL 02CU01

--- 02CU01

--- 02CU01

--- 02CU01

--- 02CU01

--- 02CU01

DRAWING NOTES

01 T WATER SERVICE TAP. SEE DETAIL 02CU01

02 GAS SERVICE POINT OF CONNECTION.

03 COORDINATE WITH DIKE ENERGY

04 DIKE SHALL PROVIDE NEW AERIAL PRIMARY ELECTRIC HOULTING TO THE NEW POLE

05 NEW DIKE ELECTRIC UTILITY POLE WITH NEW COORDINATE EXACT POLE LOCATION WITH DIKE

06 NEW DIKE ELECTRIC UTILITY POLE SHALL BE REMOVED FROM POLE

07 UNDERGROUND SECONDARY ELECTRIC ROUTING FROM POLE TO PANEL IN ON ELEVATED PLANT ROOM. SEE PROJECT 02CU01

08 CONCRETE MANHOLE

621 W MEHRING WAY
CINCINNATI, OHIO 45202

WARREN
 ENGINEERING

KZF DESIGN
 CHANGING BOUNDARIES

KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.621.6211

CIVIL SITE UTILITIES PLAN

CU101

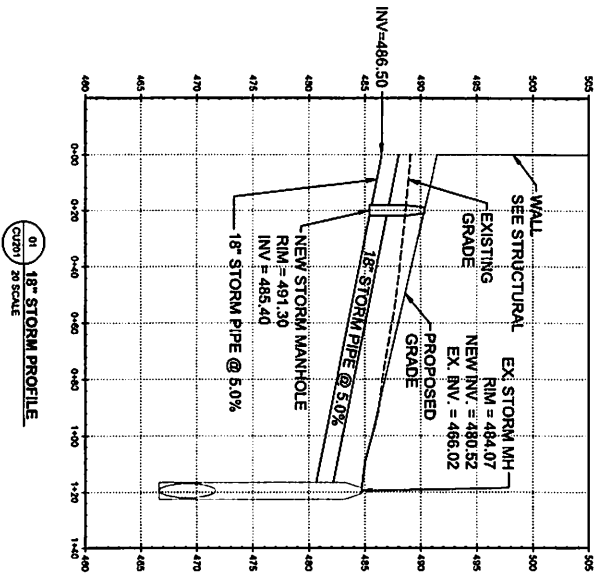
DATE: 04/01/2022
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT: [Name]

04/01/2022 PROGRESS REVIEW SET

NO.	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

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01
 18" STORM PROFILE
 CU201 20 SCALE

NO.	DATE	DESCRIPTION

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

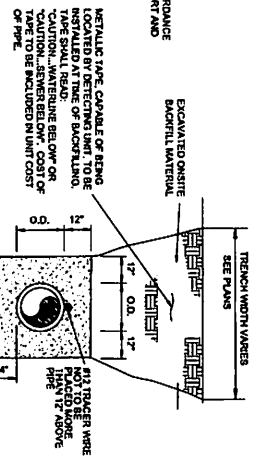
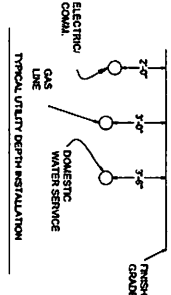
K&Z DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.631.0211
 Fax: 513.631.0211
K&Z DESIGN
 Designing Better Places

WARREN
 1427 W. 10th Street
 Cincinnati, OH 45202
 Phone: 513.631.0211
WARREN
 Designing Better Places

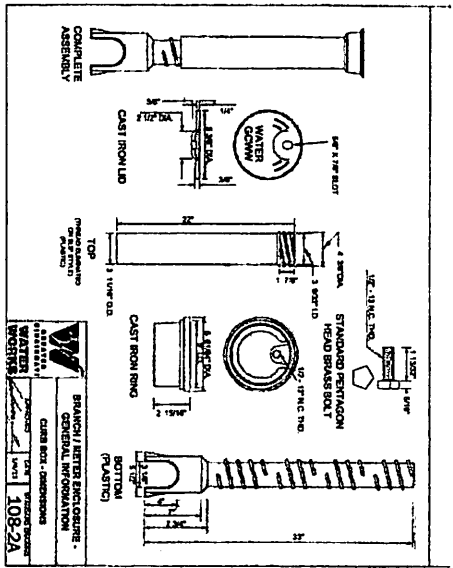
PREPARED BY: [Name]
 CHECKED BY: [Name]
 DESIGNED BY: [Name]
 DRAWING NUMBER: **CU201**
 DATE: [Date]

NOT FOR CONSTRUCTION

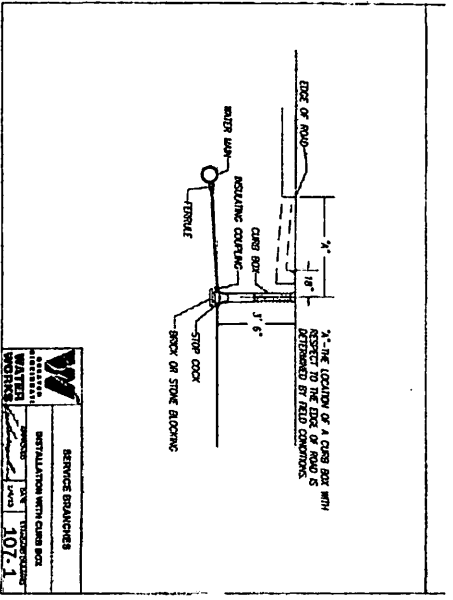
- TRENCH NOTES:**
1. REFER TO STATE OF OHIO DEPARTMENT OF TRANSPORTATION DEPARTMENT OF CONSTRUCTION AND MATERIAL SPECIFICATIONS.
 2. AGGREGATE FOR BEDDING IS NO. 57, NO. 6, AND 01.
 3. EXISTING SITE UTILITIES (OUTSIDE OF BUILDING FOOTPRINT) SHALL BE MAINTAINED AND PROTECTED. EXCAVATED UTILITIES SHALL BE REINSTALLED TO ORIGINAL DEPTH AND COVER. EXCAVATED UTILITIES SHALL BE COVERED WITH 12" OF GRANULAR FILL.
 4. TYPE B BACKFILL SHALL BE NATURAL SOIL, FREE FROM STONES LARGER THAN 2" ACROSS THEIR GREATEST DIMENSION. COMPACTED TO 90% OF ITS MAXIMUM LABORATORY DRY WEIGHT.
 5. TYPE C BACKFILL SHALL BE NATURAL SOIL, FREE FROM STONES LARGER THAN 2" ACROSS THEIR GREATEST DIMENSION. TOPSOIL, VEGETATION, DEBRIS, RUBBISH OR FROZEN MATERIAL, COMPACTED TO 90% OF ITS MAXIMUM LABORATORY DRY WEIGHT. WHEN APPROVED BY THE ENGINEER, TYPE C BACKFILL MAY BE USED IN AREAS WHERE FOOT LAY OF DEBRIS IS AT LEAST 2' ABOVE THE TOP OF PIPE.
 6. THE EXCAVATED TRENCH WITHIN 12' ABOVE THE CONDUIT SHALL BE REINSTALLED TO ORIGINAL DEPTH AND COVER FROM OR REBUILT PROPOSED PAVEMENT.
 7. TYPE B & C BACKFILL TO BE USED IN AREAS OUTSIDE 5' FROM THE FOUNDATION OF THE GEOTECHNICAL REPORT AND THE GEOTECHNICAL ENGINEER.



102 UTILITY TRENCH BACKFILL
CLASS N.T.S.



101 WATER SERVICE DETAILS
CLASS N.T.S.



107.1 SERVICE BRANCHES INSTALLATION WITH CURB BOX
CLASS N.T.S.

KCF DESIGN
Engineering & Construction
KCF DESIGN INC.
701 Broadway Street
Cincinnati, OH 45202
Phone 513.621.1211
Fax 513.621.1211

NO.	DATE	DESCRIPTION

CUS01
PENDING STATE


WARREN
CIVIL UTILITY DETAILS
REVISIONS
NO. DATE BY
1 10/1/2022 JAV
2 10/1/2022 JAV
3 10/1/2022 JAV
4 10/1/2022 JAV
5 10/1/2022 JAV
6 10/1/2022 JAV
7 10/1/2022 JAV
8 10/1/2022 JAV
9 10/1/2022 JAV
10 10/1/2022 JAV

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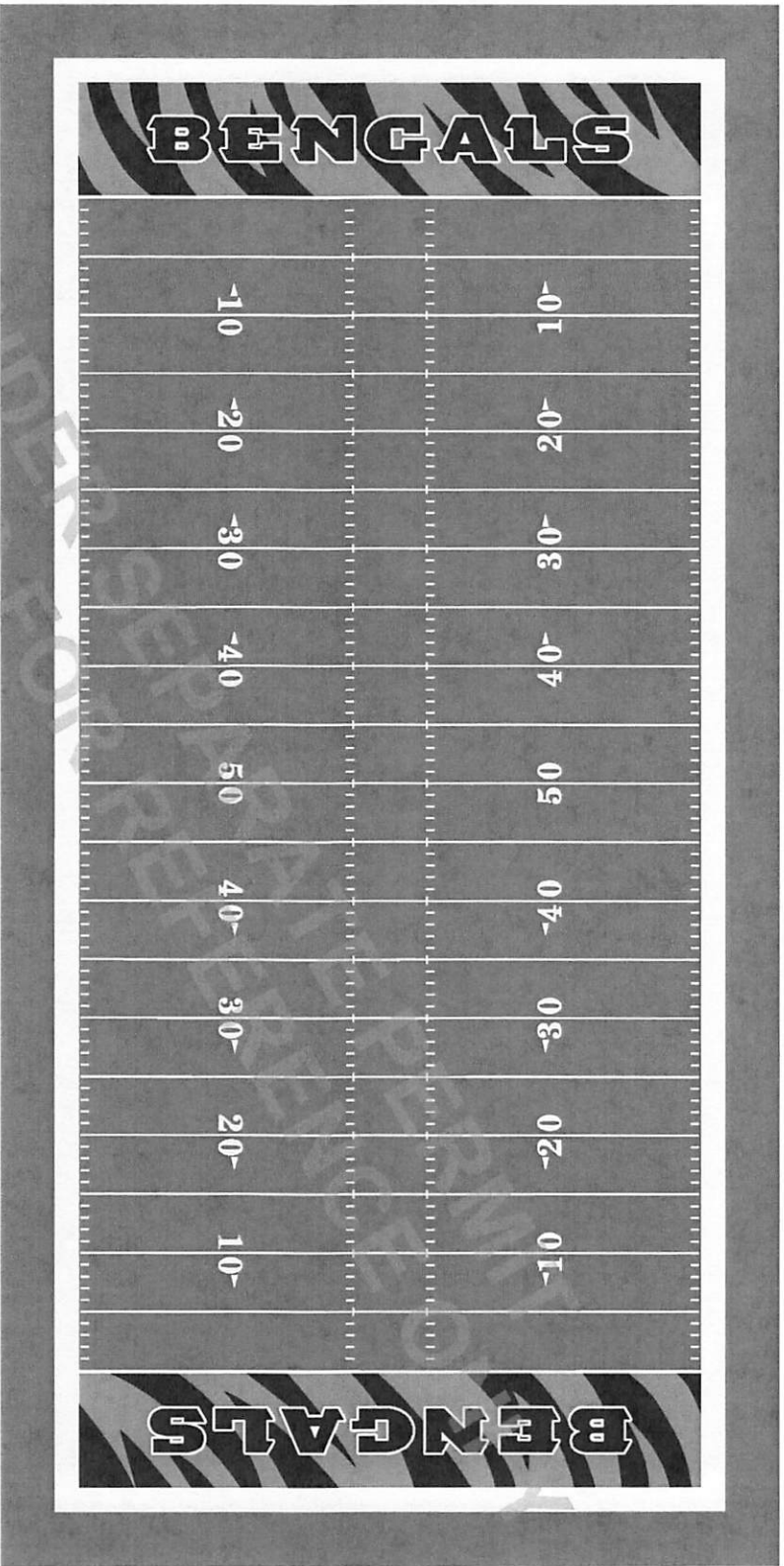
Interim Indoor Practice Facility
 Motz Synthetic Turf Field
 Conceptual Field Marking Plan
 NOT FOR CONSTRUCTION

PROJECT ADDRESS
 Interim Indoor Practice Facility
 Cincinnati, OH

PROJECT PHASE
 Design
 Development

NORTH

 SCALE
 1:30

DATE
 03/29/2022
 SHEET
 PF-1.0



- NOTES
1. COLORS SHOWN ARE FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR COLOR MATCHING PURPOSES. PLEASE REFER TO YARN SAMPLES FOR ACTUAL COLORS.
 2. DIMENSIONS ARE FOR THE ENTIRE SPORTING AREA. DIMENSIONS EACH SPOT ACCORDING TO ITS WRITTEN REGULATIONS TO ENSURE INSTALLATION ACCURACY. DIMENSIONS MAY BE INDICATED AS SUCH: OUTSIDE-COURTSE, (O/O), INSIDE-INSIDE (I/I), OUTSIDE-CENTRAL, CENTER-CENTRAL, ETC.

LEGEND: (LISTED IN ORDER OF DOMINANCE)
 END ZONE LETTERS (BLACK) WIDTH: 12'-4" TALL
 FOOTBALL (WHITE) 160" X 340" (I/I)
 TOTAL TURF AREA = 80,000 FT²

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Interim Indoor Practice Facility
 Motz Synthetic Turf Field
 Conceptual Field Drainage Plan
 NOT FOR CONSTRUCTION

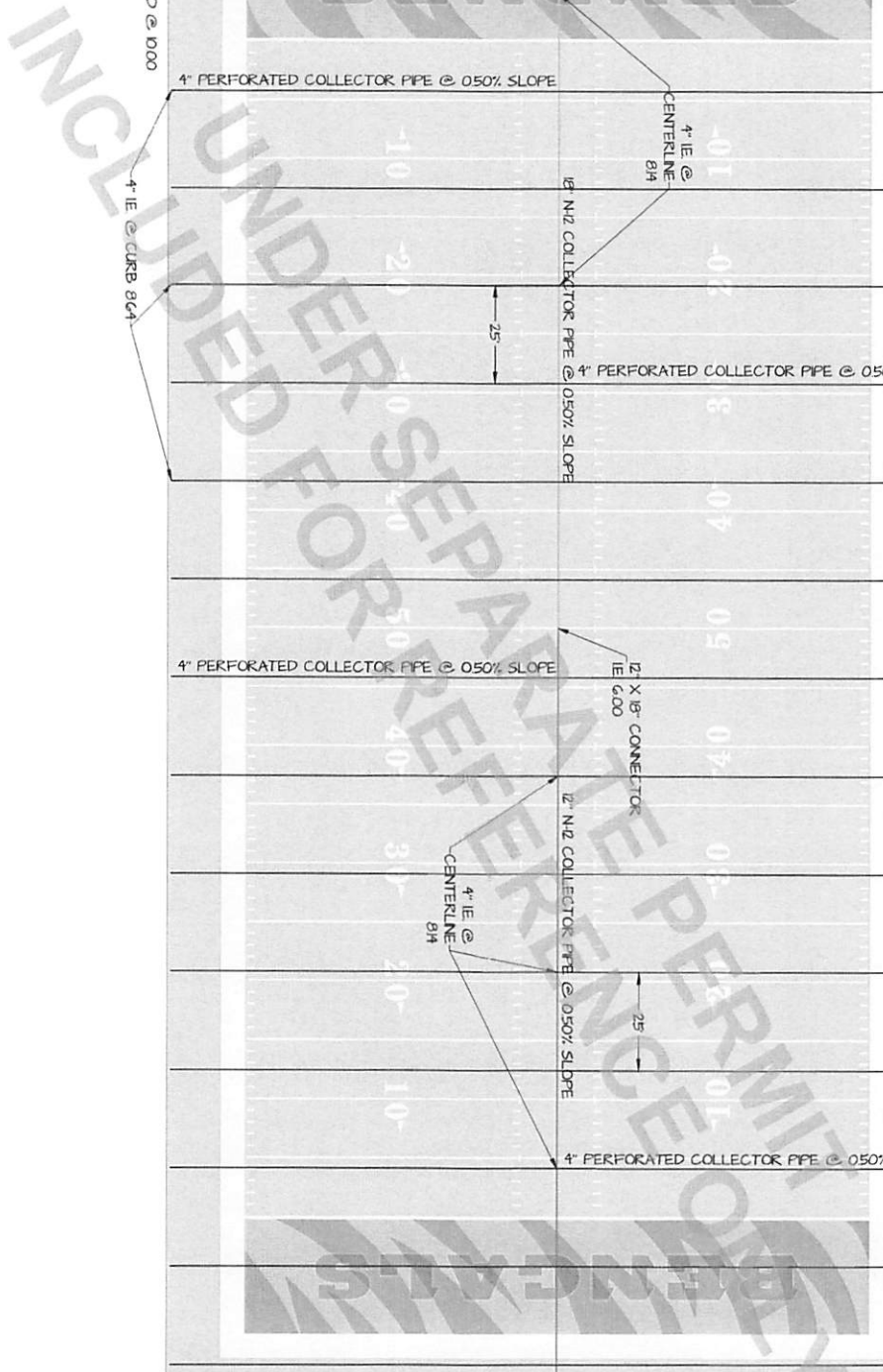
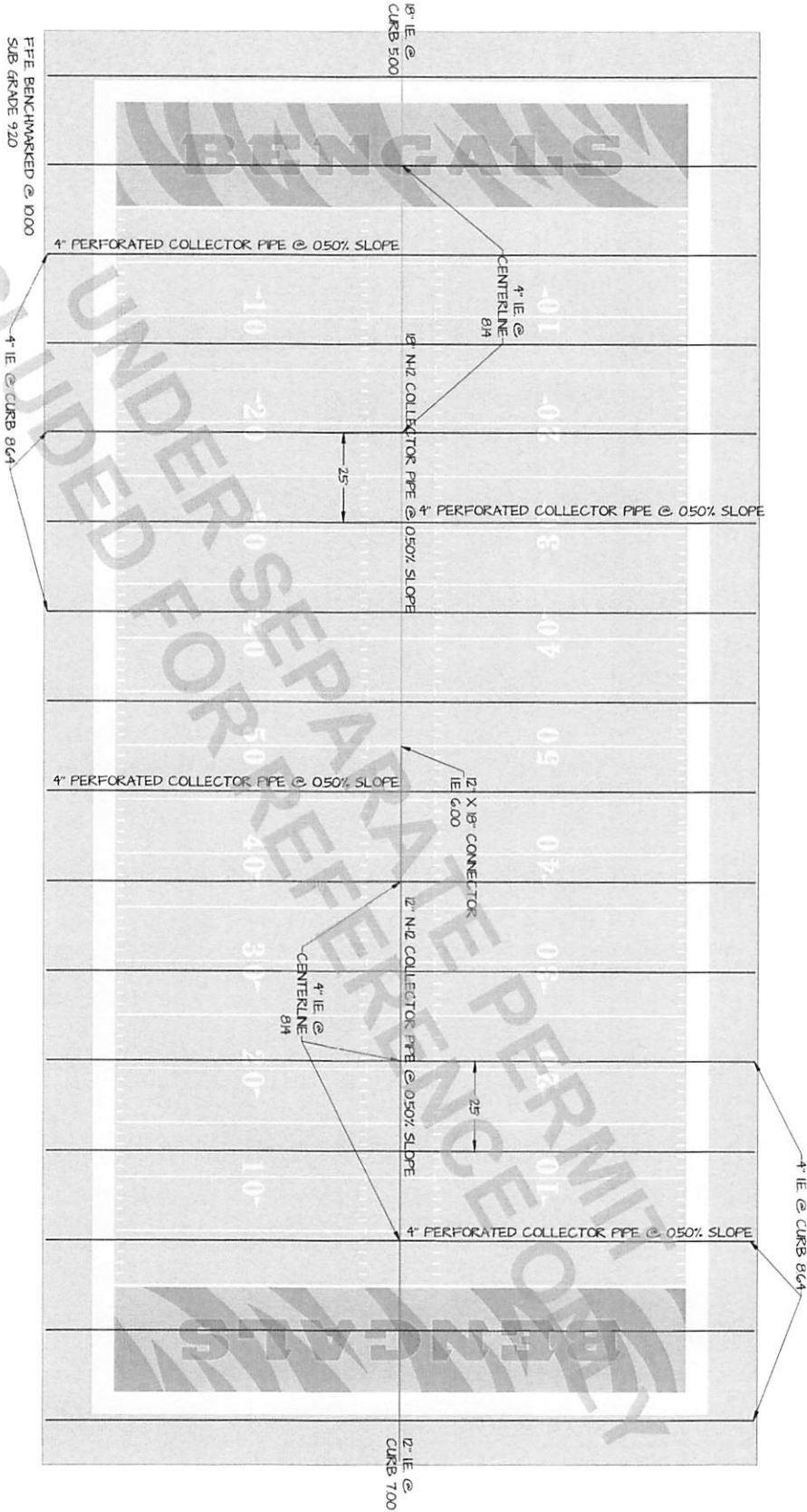
PROJECT ADDRESS
 Interim Indoor Practice Facility Cincinnati, OH

PROJECT NAME
 Design Development

NORTH SCALE
 1:30

DATE SHEET
 03/29/2022 PF2.0

LEGEND
 4" PERFORATED COLLECTOR PIPE = 3170 LINEAR FT.
 12" N-12 COLLECTOR PIPE = 200 LINEAR FT.
 18" N-12 COLLECTOR PIPE = 200 LINEAR FT.



The Motz Group.
Building Fields. Building Futures.


3437 Church Street
 Suite 300
 Cincinnati, OH, USA

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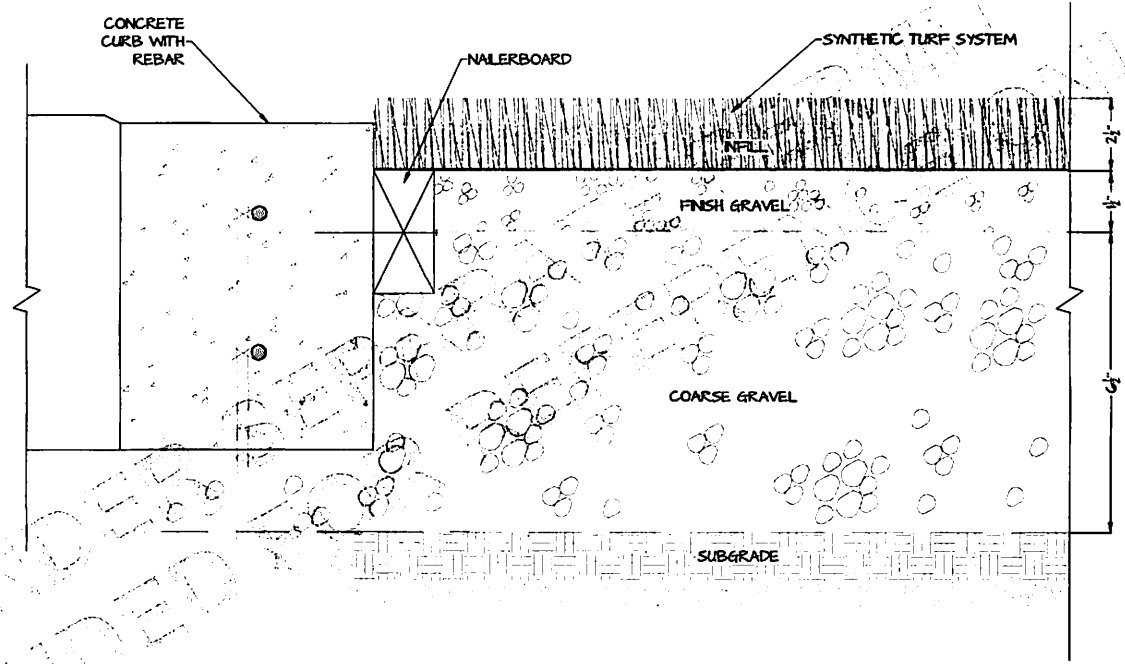
Interim Indoor Practice Facility
 Motz Synthetic Turf Field Curb Detail
NOT FOR CONSTRUCTION

PROJECT ADDRESS
 Interim Indoor Practice Facility
 Cincinnati, OH

PROJECT PHASE
 Design Development

NORTH  SCALE
 NTS

DATE 03/29/2022 SHEET PF2.1



UNDEVELOPED
 INCLUDED

SPECIAL INSPECTION GENERAL NOTES		ISC REFERENCE
1.	REPORT REQUIREMENT	1704.2.4
A.	APPROVED AGENCIES SHALL KEEP RECORDS OF SPECIAL INSPECTIONS AND TESTS.	
B.	THE APPROVED AGENCY SHALL SUBMIT REPORTS OF SPECIAL INSPECTIONS AND TESTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	
C.	REPORTS SHALL INDICATE THAT WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS.	
D.	DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.	
E.	A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS, AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS OR TESTS, SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO THE START OF WORK BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT TO THE BUILDING OFFICIAL.	
2.	DEFINITIONS	202
A.	CONTINUOUS SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT CONTINUOUSLY WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED.	
B.	PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.	
3.	INSPECTION OF FABRICATORS	1704.2.5
A.	SPECIAL INSPECTIONS REQUIRED BY THESE SCHEDULES APPLY TO WORK WHETHER COMPLETED ON SITE OR ELSEWHERE, SUCH AS AT A FABRICATOR'S SHOP.	1704.2.5.1
B.	SPECIAL INSPECTOR SHALL VERIFY THAT FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES, AND SHALL REVIEW PROCEDURES FOR COMPLETENESS RELATIVE TO THE CODE REQUIREMENTS FOR FABRICATOR'S SCOPE OF WORK.	1704.2.5.1 1704.2.5.2
C.	SPECIAL INSPECTIONS ARE NOT REQUIRED FOR WORK DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED BY THE BUILDING OFFICIAL TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.	
A.	REFERENCE STANDARDS	
4.	THE SPECIAL INSPECTOR SHALL HAVE AVAILABLE ON THE SITE A COPY OF THE STANDARD DOCUMENTS REFERENCED FOR EACH TASK BEING INSPECTED.	

REQUIRED SPECIAL INSPECTIONS OF SOILS				
TYPE	CONTINUOUS	PERIODIC	REFERENCED STANDARD	ISC REFERENCE
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X		1705.6
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X		1705.6
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X		1705.6
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X			1705.6
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		X		1705.6
NOTES:				
1. THE PROJECT GEOTECHNICAL REPORT AND THE CONSTRUCTION DOCUMENTS PREPARED BY THE ENGINEER OF RECORD SHALL BE USED TO DETERMINE COMPLIANCE.				
2. DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL DETERMINE THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE GEOTECHNICAL REPORT.				

REQUIRED SPECIAL INSPECTIONS OF CONCRETE CONSTRUCTION				
TYPE	CONTINUOUS	PERIODIC	REFERENCED STANDARD	ISC REFERENCE
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT.		X	ACI 318 CH. 20, 25.2, 25.3, 26.5, 26.5.3	1900.4
2. INSPECT ANCHORS CAST IN CONCRETE.		X	ACI 318: 17.8.2	1904.1, 1904.2
3. VERIFY USE OF REQUIRED DESIGN MIX.		X	28.4.3, 28.4.4	1904.2, 1904.3
4. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X		ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1900.10
5. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.		X	ACI 318: 26.5	1908.6, 1908.7, 1908.8
6. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X	ACI 318: 26.5.3-26.5.5	1908.9
7. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO ATTACHING CABLES.		X	ACI 318: 26.11.2	
8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBERS BEING FORMED.		X	ACI 318: 26.11.1, 26.9	
9. SUBMIT CERTIFIED MILL TEST REPORTS FOR REINFORCEMENT.		X	ACI 318: 21.15.2	1705.12.1

REQUIRED SPECIAL INSPECTIONS OF HOT-ROLLED STRUCTURAL STEEL					
TYPE	FOR EACH LOCATION	PERIODIC	REFERENCED STANDARD	ISC REFERENCE	ISC REFERENCE
1. PRIOR TO WELDING				ASC 360 NS.4	
A. WELDING PROCEDURE SPECIFICATIONS (WPS'S) ARE AVAILABLE	X			AWS D1.1 (6.3)	
B. MANUFACTURER CERTIFICATIONS FOR CONSUMABLES ARE AVAILABLE	X			AWS D1.1 (6.3)	
C. MATERIAL IDENTIFICATION (PROPER TYPE/GRADE OF ALL MATERIALS AND CONSUMABLES)		X		AWS D1.1 (6.2)	
D. WELDER IDENTIFICATION SYSTEM			X	ASC 360 NS.4	
E. FIT-UP OF GROOVE WELDS			X	AWS D1.1 (6.10, 5.15, 5.18, 5.22, 6.8.2)	
F. CONFIGURATION AND FINISH OF ACCESS HOLES			X	AWS D1.1 (5.17, 6.5.2)	
G. FIT-UP OF FILLET WELDS			X	AWS D1.1 (5.15, 5.18, 5.22.1)	
2. DURING WELDING				ASC 360 NS.4	
A. USE OF QUALIFIED WELDERS			X	AWS D1.1 (6.4)	
B. CONTROL AND HANDLING OF CONSUMABLES (PACKAGING, EXPOSURE CONTROL)			X	AWS D1.1 (5.3, 6.2)	
C. NO WELDING OVER CRACKED TACK WELDS			X	AWS D1.1 (5.18)	
D. ENVIRONMENTAL (WIND SPEED, PRECIPITATION, AND TEMPERATURE WITHIN LIMITS)			X	AWS D1.1 (5.12.1, 5.12.2)	
E. WELDING PROCEDURE SPECIFICATIONS (WPS) ARE FOLLOWED (SETTINGS ON WELDING EQUIPMENT; TRAVEL SPEED; SELECTED WELDING MATERIALS; SHIELDING GAS TYPE/FLOW RATE; PREHEAT APPLIED; INTERPASS TEMPERATURE MAINTAINED, MIN AND MAX, PROPER POSITION, F/W/NO)			X	AWS D1.1 (6.5, 5.9, 5.7, 5.21, 6.3.3, 6.5.2)	
F. WELDING TECHNIQUES (INTERPASS AND FINAL CLEANING, EACH PASS WITHIN PROFILE LIMITATIONS AND MEETS QUALITY REQUIREMENTS)			X	AWS D1.1 (6.24, 6.30.1, 6.5.2, 6.5.3)	
3. AFTER WELDING				ASC 360 NS.4	
A. WELDS CLEANED			X	AWS D1.1 (5.20.1)	
B. SIZE, LENGTH, AND LOCATION OF WELDS	X			AWS D1.1 (6.5.1)	
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA (CRACK PROHIBITION; WELDBASE METAL FUSION; CRATER CROSS SECTION; WELD PROFILES; WELD SIZE; UNDERCUT; POROSITY)	X			AWS D1.1 (6.1, 6.5.3)	
D. ARC STRIKES			X	AWS D1.1 (5.20)	
E. K-AREA: VISUALLY INSPECT FOR CRACKING IN WEB WITHIN 3" OF WELDS LOCATED BY K-AREA	X			ASC 360 NS.4	
F. BACKING AND WELD TAGS REMOVED IF REQUIRED			X	AWS D1.1 (5.10, 5.31)	
G. REPAIR ACTIVITIES			X	AWS D1.1 (5.26, 6.5.3)	
H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER			X	AWS D1.1 (6.5.4, 6.5.5)	
NOTES:					
1. SPECIAL INSPECTORS SHALL COMPLETE ALL TASKS ASSIGNED TO 'QUALITY ASSURANCE' IN ASC 360 CHAPTER 6.					
2. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR WORK COMPLETED IN THE SHOP BY AN ASC CERTIFIED FABRICATOR. THIS DOES NOT RELIEVE THE FABRICATOR FROM INSPECTIONS REQUIRED BY THE ASC CERTIFICATION PROGRAM, NOR FROM ASC 360 'QUALITY CONTROL' INSPECTIONS.					
3. FOR FULLER EXPLANATION OF WELDING STANDARDS FOR INSPECTION, REFER TO COMMENTARY OF ASC 360.					

UNLESS SPECIALLY NOTED, THIS DRAWING IS TO BE USED FOR INFORMATION ONLY.

INTERIM INDOOR PRACTICE FACILITY
 621 W Mehring Way
 Cincinnati, OH 45202

KZF DESIGN INC.
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED BY	DATE
VERIFIED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
VERIFIED BY	DATE

SPECIAL INSPECTION REQUIREMENTS

DRAWING NUMBER ISSUE
S-002

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UNDER SEPARATE PERMIT
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STRUCTURAL DESIGN DATA

GOVERNING DESIGN SPECIFICATION
2017 OHIO BUILDING CODE

RISK CATEGORY

CATEGORY: D (BC 1804.5/ASCE 7-1.5)

FLOOR LIVE LOADS

MECHANICAL PLATFORM 100 PSF (BC 1007.1/ASCE 7-4.3.1)

SNOW LOAD DESIGN DATA

ROOF SNOW LOAD:

A. GROUND SNOW LOAD (Pg) 20 PSF (BC 1808.1/ASCE 7-7.2)
B. SNOW LOAD IMPORTANCE FACTOR (Is) 1.00 (BC 1008.1/ASCE 7-7.3.3)

WIND LOAD DESIGN DATA

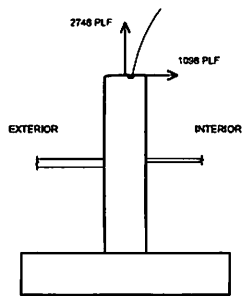
WIND LOAD:

A. BASIC WIND SPEED (3-SECOND GUST) 115 MPH (BC 1009.3/ASCE 7-26.5.1)
B. ENCLOSURE CLASSIFICATION: ENCLOSED (ASCE 7-26.10)
C. WIND EXPOSURE CATEGORY: C (BC 1009.4/ASCE 7-26.7.3)

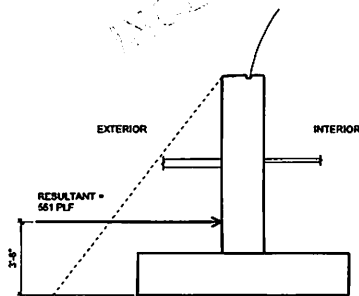
SEISMIC LOAD DESIGN DATA

EARTHQUAKE DESIGN DATA:

A. SEISMIC IMPORTANCE FACTOR (Im): 1.00 (ASCE 7-11.5)
B. SPECTRAL RESPONSE ACCELERATIONS (S_a): 0.145g (BC 1813.3.1/ASCE 7-11.4.1)
C. SPECTRAL RESPONSE ACCELERATIONS (S₁): 0.070g (BC 1813.3.1/ASCE 7-11.4.1)
D. SOIL SITE CLASS (PRESUMED): D (BC 1813.3.2/ASCE 7-11.4.2)
E. SPECTRAL RESPONSE COEFFICIENT (S_{ds}): 0.155g (BC 1813.3.4/ASCE 7-11.4.4)
F. SPECTRAL RESPONSE COEFFICIENT (S_{d1}): 0.120g (BC 1813.3.4/ASCE 7-11.4.4)
G. SEISMIC DESIGN CATEGORY: B (BC 1813.3.5/ASCE 7-11.6)



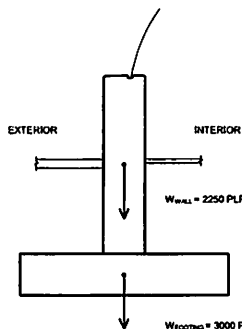
WIND LOADS



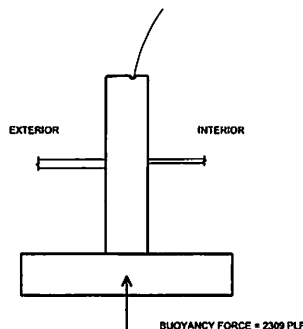
HYDROSTATIC LOADS

HORIZONTAL WIND LOAD
NOT CONCURRENT WITH
FLOOD CONDITIONS

DESIGN BASIS = WIND LOAD
(WIND LOAD EXCEEDS
HYDROSTATIC LOAD)



FOOTING AND WALL MASS



BUOYANCY FORCE

VERTICAL WIND UPLIFT
NOT CONCURRENT WITH
FLOOD CONDITIONS

FOOTING AND WALL MASS >
WIND UPLIFT > BUOYANCY FORCE

DESIGN BASIS = WIND LOAD
(FOOTING AND WALL MASS
EXCEEDS BOTH WIND UPLIFT
AND BUOYANCY UPLIFT)

01 WALL LOADING DIAGRAMS
S-003 3/8" = 1'-0"

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Cincinnati, OH 45202

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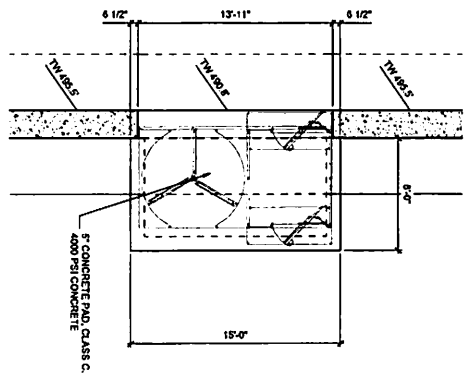
main 513.621.6211
kzf.com

DESIGNED	DATE
CHECKED	DATE
APPROVED	DATE

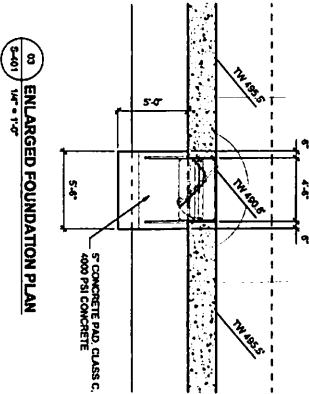
**DESIGN DATA
AND LOADING
DIAGRAMS**

DRAWING NUMBER ISSUE
S-003

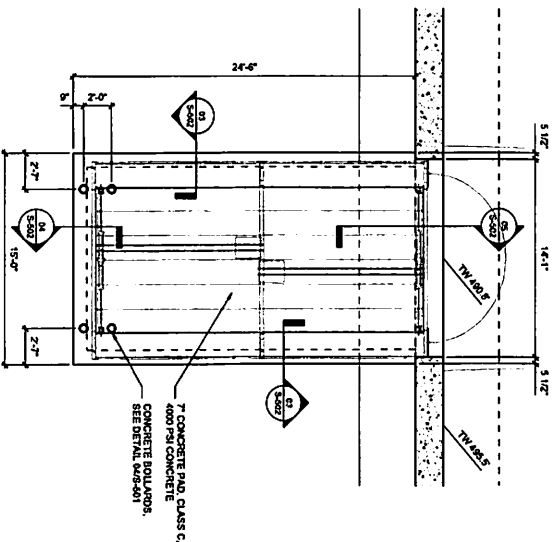
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN FEET AND INCHES. FRACTIONS SHALL BE IN 16THS OF AN INCH. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.



02 ENLARGED FOUNDATION PLAN
1/4" = 1'-0"



03 ENLARGED FOUNDATION PLAN
1/4" = 1'-0"



01 ENLARGED FOUNDATION PLAN
1/4" = 1'-0"

NO.	DATE	DESCRIPTION

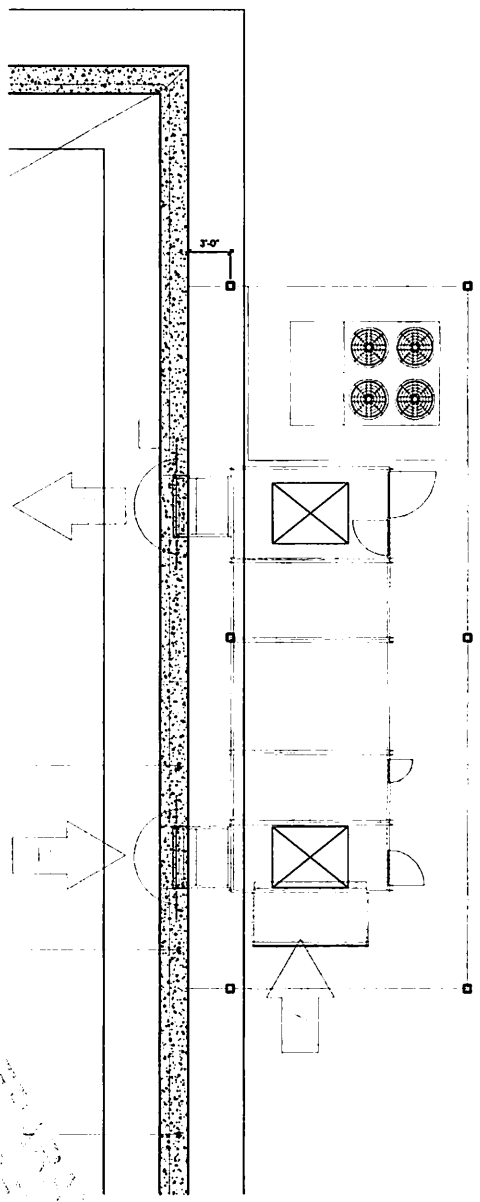
INTERIM INDOOR PRACTICE FACILITY
621 W Mehring Way
Cincinnati, OH 45202

KZF DESIGN
Designing Better Futures
KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
Phone: 513.621.8211
kzf.com

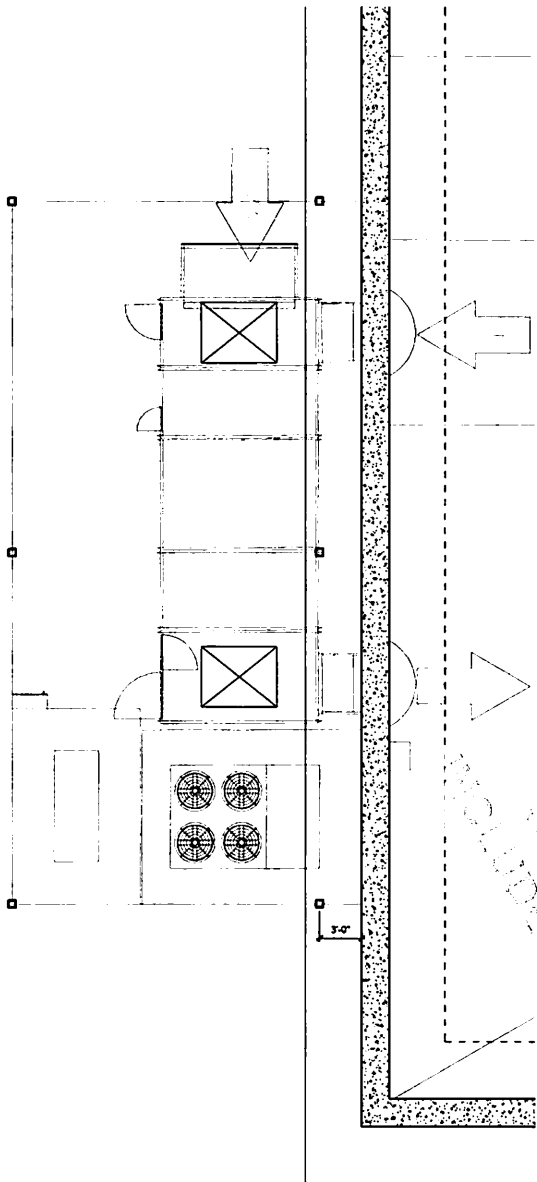
REVISIONS: NONE
DATE: 05/13/22
DRAWN BY: SJK
CHECKED BY: SJK
DATE: 05/13/22
PROJECT: 2022-01
SHEET: 01 OF 01

ENLARGED DOOR FOUNDATION PLANS
DRAWING NUMBER: 2554
S-401

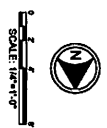
04-01-2022 PROGRESS REVIEW SET



02 ENLARGED PLATFORM FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



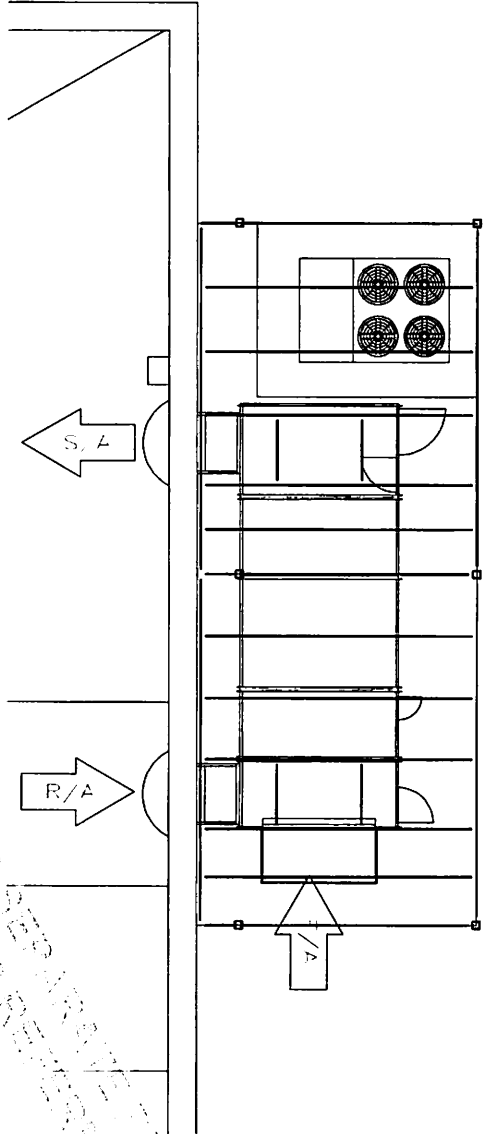
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SCALE: 1/4" = 1'-0"



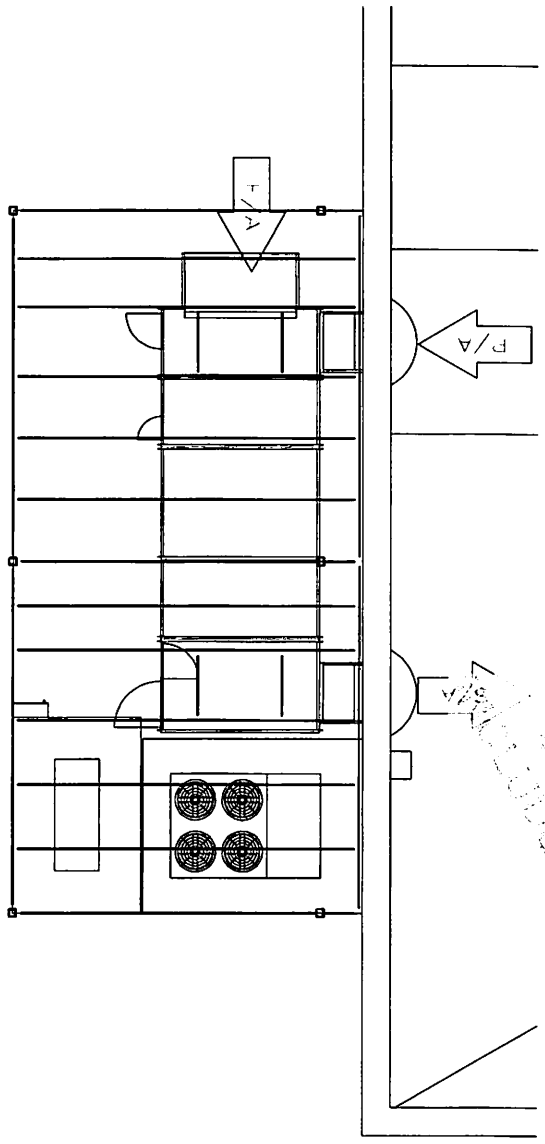
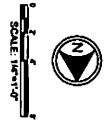
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Cincinnati, OH 45202

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KZF DESIGN INC.
700 Drexelbury Street
Cincinnati, OH 45202
Phone: 513.821.8211
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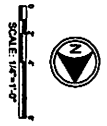
REVISIONS
NO. DATE DESCRIPTION
BY: [blank]
CHKD: [blank]
DATE: [blank]
SCALE: 1/4" = 1'-0"
ENLARGED PLATFORM FOUNDATION PLANS
DRAWING NUMBER: 04-01-2022



03 ENLARGED PLATFORM FRAMING PLAN
SCALE: 1/8" = 1'-0"



01 ENLARGED PLATFORM FRAMING PLAN
SCALE: 1/8" = 1'-0"

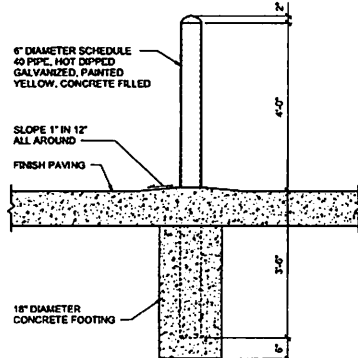


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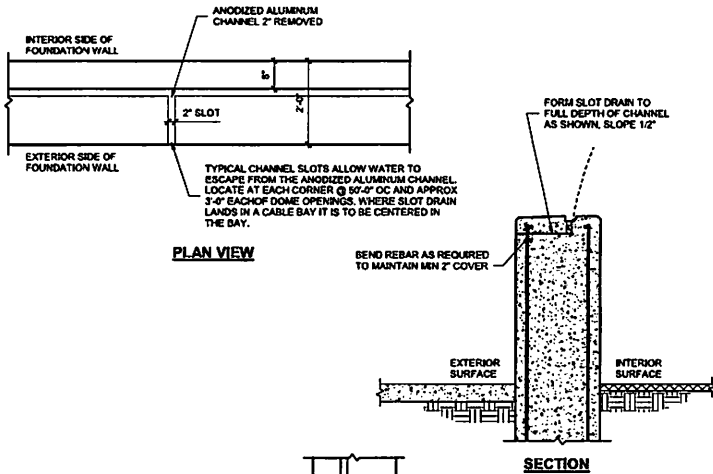
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Developing Better Facilities
KZF DESIGN INC.
709 Broadway Street
Cincinnati, OH 45202
Phone: 513.621.0211
KZF.com

REVISIONS: DATE NO.
BY: JRM
DATE: 05/11/22
CHECKED: EMM/USA
DATE: 05/11/22
ENLARGED PLATFORM FRAMING PLANS
DRAWING NUMBER: S-403

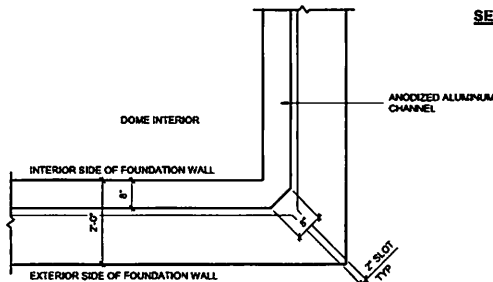
NO.	DATE	DESCRIPTION



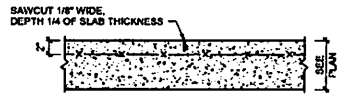
09 PIPE GUARD DETAIL
S-501 NTS



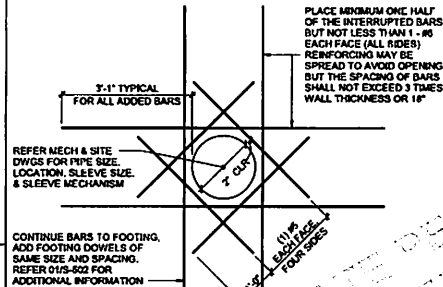
08 CHANNEL SLOT DRAIN DETAIL
S-501 NTS



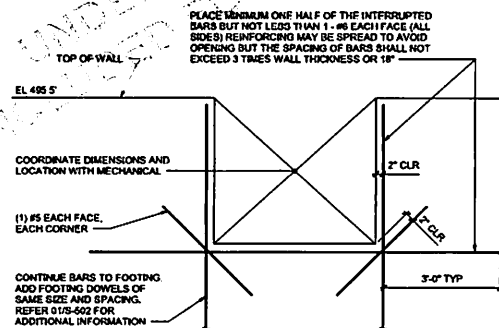
PLAN VIEW AT CORNER



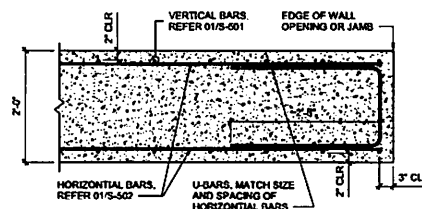
07 TYPICAL SAWCUT CONTRACTION JOINT (CJ)
S-501 NTS



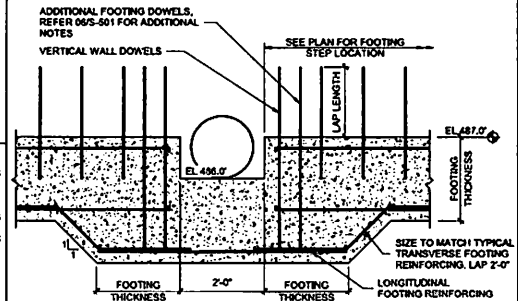
06 WALL REINFORCING AT PIPE SLEEVES
S-501 NTS



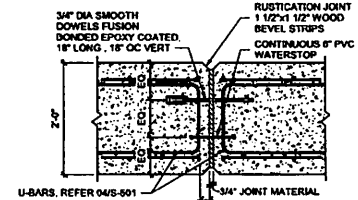
05 WALL REINFORCING AT RECTANGULAR OPENINGS
S-501 NTS



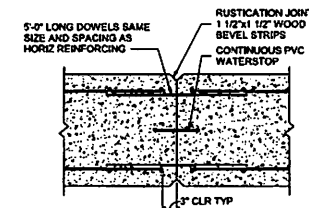
04 PLAN DETAIL WALL END REINFORCING
S-501 NTS



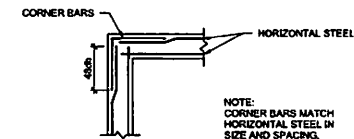
03 FOOTING STEP WITH VERTICAL REINFORCEMENT
S-501 NTS



WALL EXPANSION JOINT



02 WALL CONTROL/CONSTRUCTION JOINT
S-501 NTS



01 CORNER REINFORCING (FOOTINGS AND WALLS)
S-501 NTS

INTERIM INDOOR PRACTICE FACILITY
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Cincinnati, OH 45202

KZF DESIGN

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Cincinnati, OH 45202

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DESIGNED _____ COMM. NO. _____
HEAT _____ REVISION _____

DRAWN _____ DATE _____
OVERWTRN _____ MISC. _____

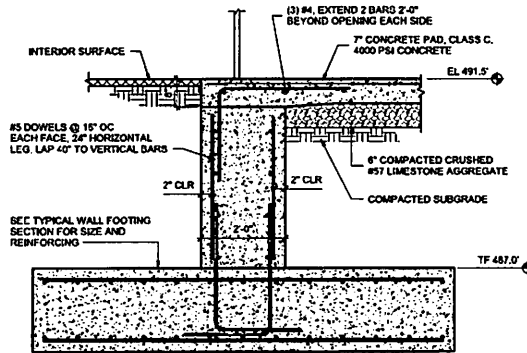
CHECKED _____ PROJ. MGR. _____
VERBI _____ SCHULTZ _____

FOUNDATION SECTIONS AND DETAILS

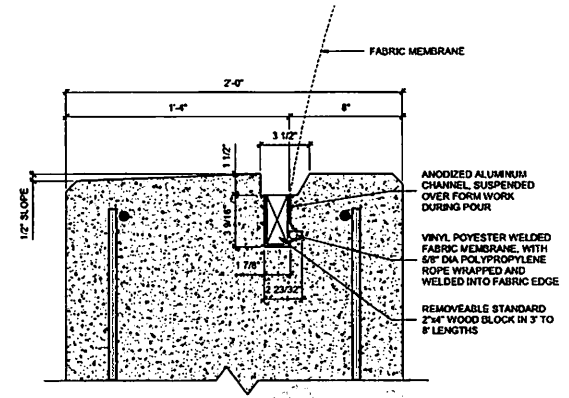
DRAWING NUMBER ISSUE

S-501

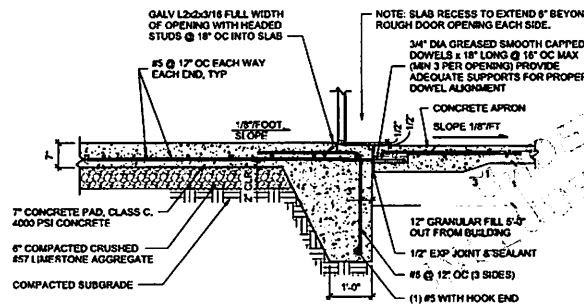
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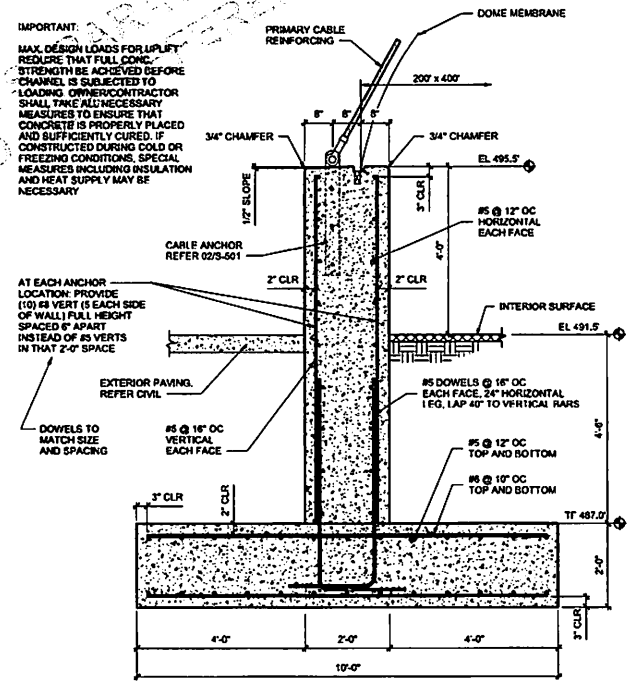
05 CONCRETE PAD AT DOOR OPENING
S-502 NTS



TYPICAL TOP OF FOUNDATION WALL DETAIL



04 CONCRETE PAD AT OVERHEAD DOOR
S-502 NTS



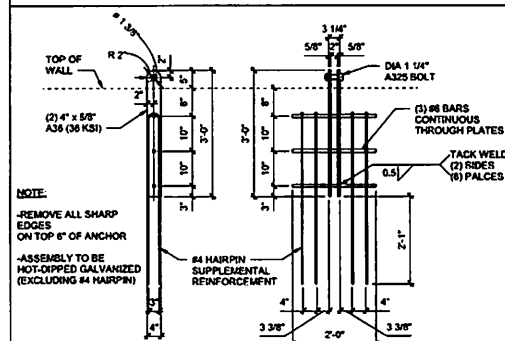
01 PERIMETER FOUNDATION WALL
S-502 NTS

IMPORTANT:
MAX. DESIGN LOADS FOR UPLIFT REQUIRE THAT FULL COMB. STRENGTH BE ACHIEVED BEFORE LOADING. OWNER/CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT CONCRETE IS PROPERLY PLACED AND SUFFICIENTLY CURED. IF CONSTRUCTED DURING COLD OR FREEZING CONDITIONS, SPECIAL MEASURES INCLUDING INSULATION AND HEAT SUPPLY MAY BE NECESSARY.

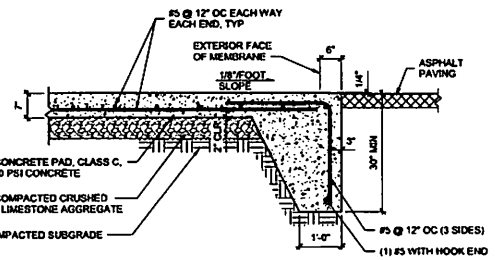
AT EACH ANCHOR LOCATION: PROVIDE (10) #3 VERT (5 EACH SIDE OF WALL) FULL HEIGHT SPACED 6" APART INSTEAD OF #5 VERTS IN THAT 2'-0" SPACE

EXTERIOR PAVING, REFER CIVIL

DOWELS TO MATCH SIZE AND SPACING



02 CABLE ANCHOR
S-502 NTS



03 CONCRETE PAD AT OVERHEAD DOOR
S-502 NTS

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Cincinnati, OH 45202

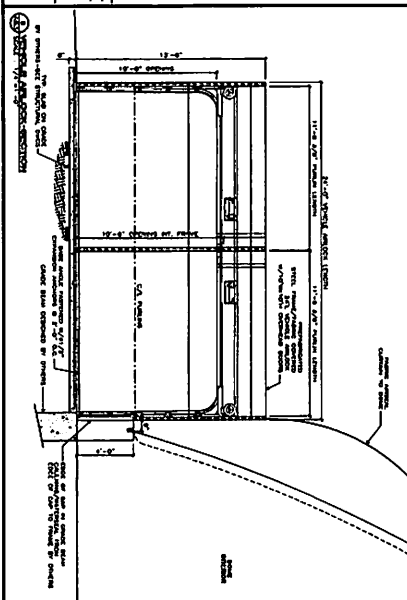
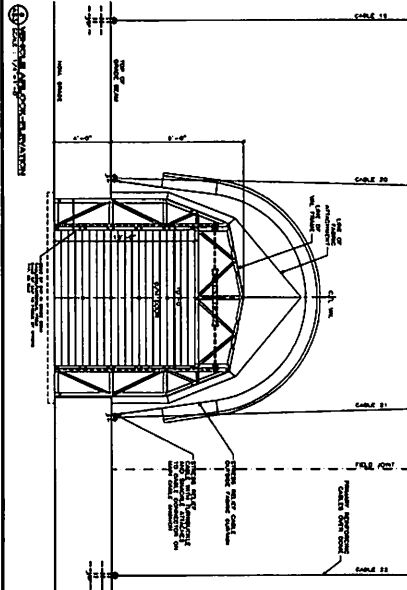
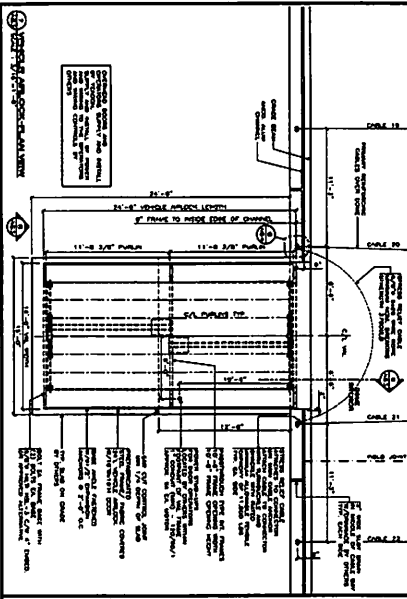
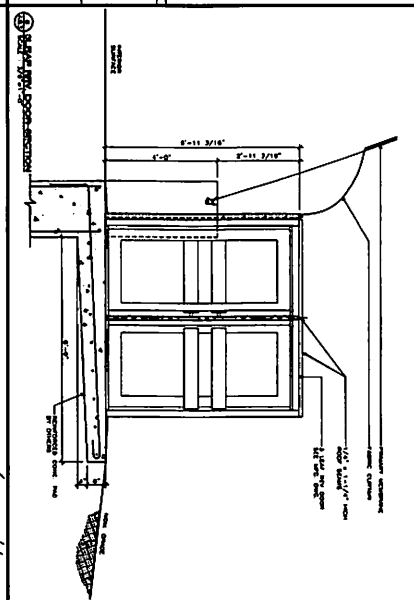
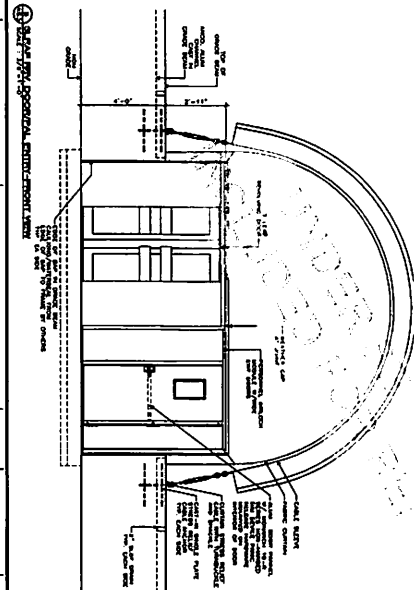
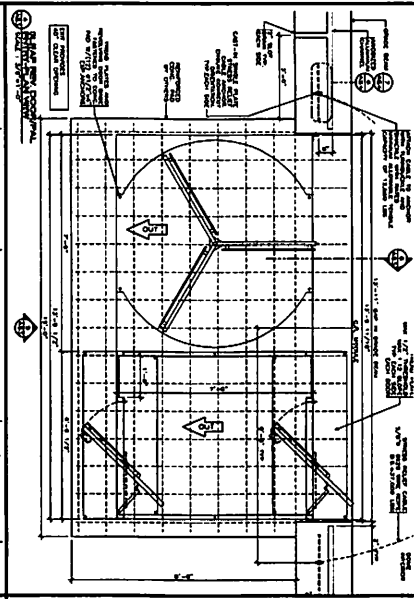
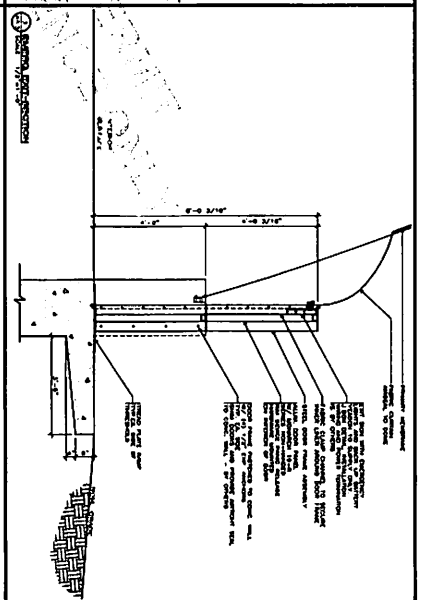
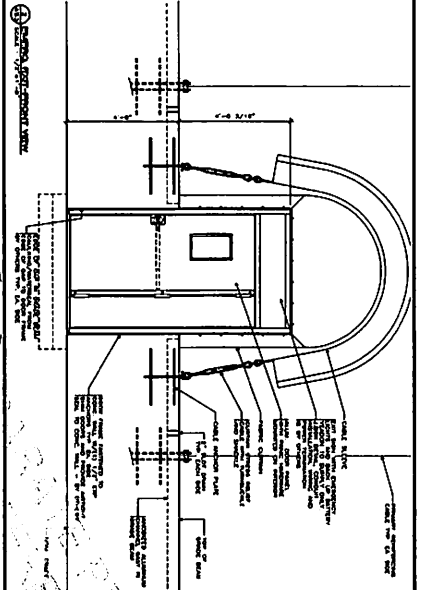
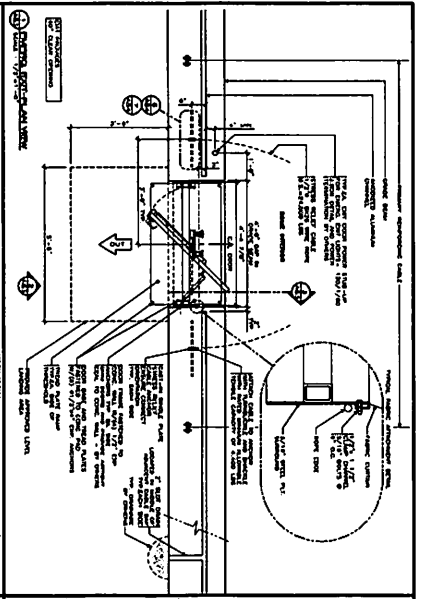
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KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
main 513.621.6211
kzf.com

DESIGNED: COOPER, INC.
CHECKED: VERST
DATE: 03/20/22
DRAWN: OVERWAMP
PROJECT: 03/20/22

CHECKED: PROJ. MGR.
VERST: SCHULTZ

FOUNDATION SECTIONS AND DETAILS
DRAWING NUMBER: ISSUE
S-502

NOT FOR CONSTRUCTION



YEADON
 575 9th St. E. Suite 501 Minneapolis, MN 55414
 124 Woodloch St. Suite 201, Guelph, ON N1H 1Z2

FOR REFERENCE ONLY

PROJECT: CINCINNATI BENGALS PRACTICE DOOR

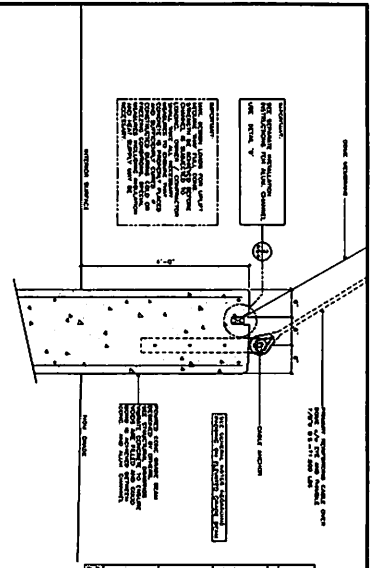
PROJECT LOCATION: CINCINNATI, OH

DATE: 31/MAR/22

SCALE: AS NOTED

DOOR DETAILS

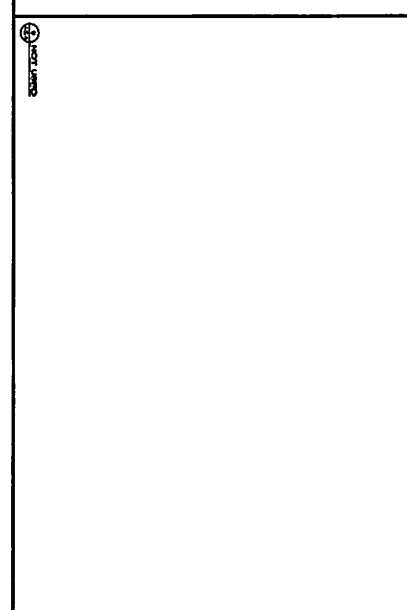
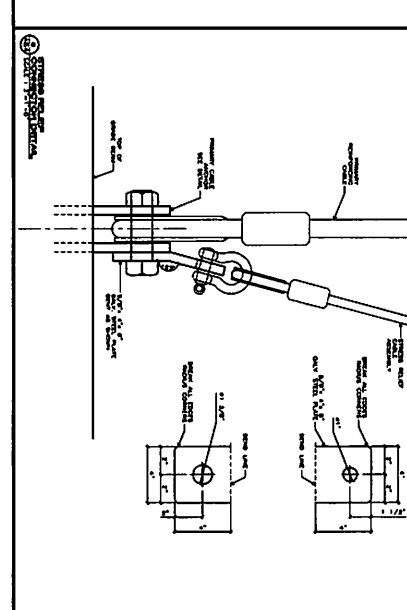
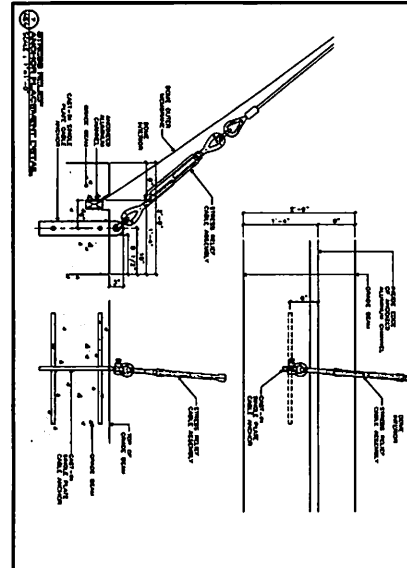
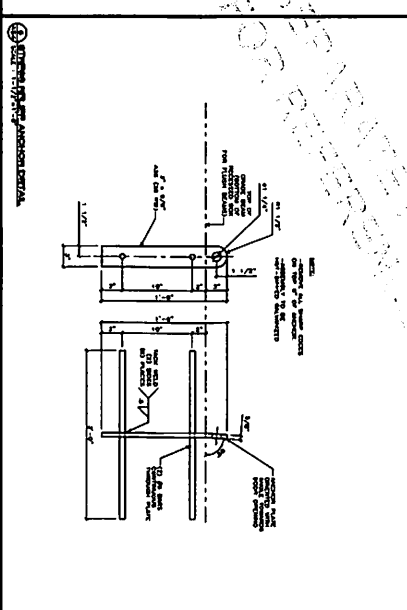
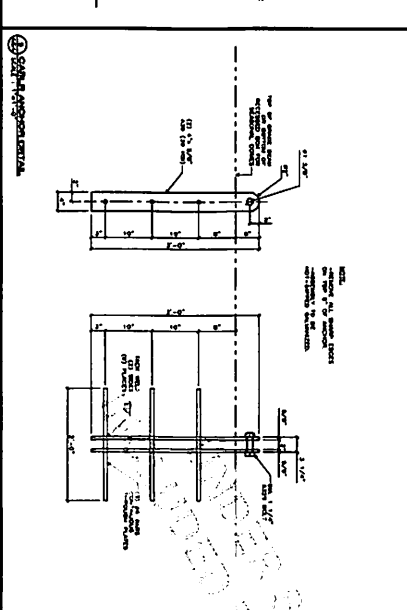
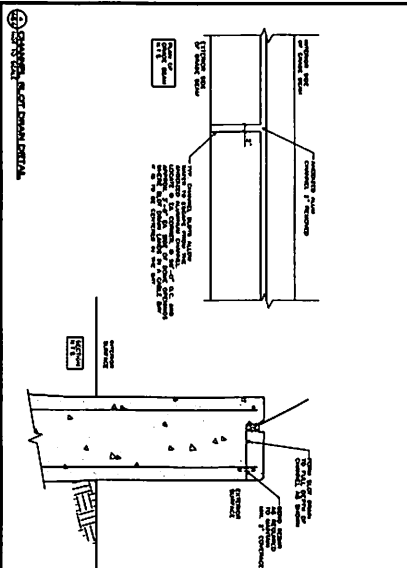
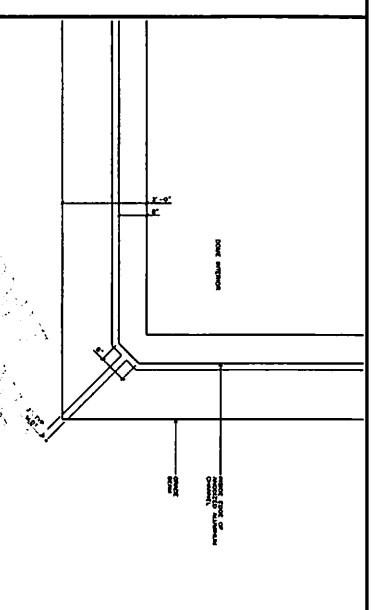
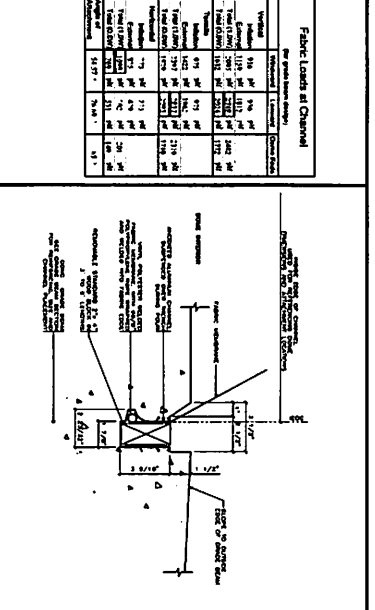
PROJECT NO.: 22304 AS-3



Fabric Loads at Channel

For each fabric depth:

Wind	Vel	Dir	Pressure	Velocity	Force
Wind (1)	115	90	1.17	142	26
Wind (2)	115	270	1.17	142	26
Wind (3)	115	0	1.17	142	26
Wind (4)	115	180	1.17	142	26
Wind (5)	115	90	1.17	142	26
Wind (6)	115	270	1.17	142	26
Wind (7)	115	0	1.17	142	26
Wind (8)	115	180	1.17	142	26
Wind (9)	115	90	1.17	142	26
Wind (10)	115	270	1.17	142	26
Wind (11)	115	0	1.17	142	26
Wind (12)	115	180	1.17	142	26
Wind (13)	115	90	1.17	142	26
Wind (14)	115	270	1.17	142	26
Wind (15)	115	0	1.17	142	26
Wind (16)	115	180	1.17	142	26
Wind (17)	115	90	1.17	142	26
Wind (18)	115	270	1.17	142	26
Wind (19)	115	0	1.17	142	26
Wind (20)	115	180	1.17	142	26
Wind (21)	115	90	1.17	142	26
Wind (22)	115	270	1.17	142	26
Wind (23)	115	0	1.17	142	26
Wind (24)	115	180	1.17	142	26
Wind (25)	115	90	1.17	142	26
Wind (26)	115	270	1.17	142	26
Wind (27)	115	0	1.17	142	26
Wind (28)	115	180	1.17	142	26
Wind (29)	115	90	1.17	142	26
Wind (30)	115	270	1.17	142	26
Wind (31)	115	0	1.17	142	26
Wind (32)	115	180	1.17	142	26
Wind (33)	115	90	1.17	142	26
Wind (34)	115	270	1.17	142	26
Wind (35)	115	0	1.17	142	26
Wind (36)	115	180	1.17	142	26
Wind (37)	115	90	1.17	142	26
Wind (38)	115	270	1.17	142	26
Wind (39)	115	0	1.17	142	26
Wind (40)	115	180	1.17	142	26
Wind (41)	115	90	1.17	142	26
Wind (42)	115	270	1.17	142	26
Wind (43)	115	0	1.17	142	26
Wind (44)	115	180	1.17	142	26
Wind (45)	115	90	1.17	142	26
Wind (46)	115	270	1.17	142	26
Wind (47)	115	0	1.17	142	26
Wind (48)	115	180	1.17	142	26
Wind (49)	115	90	1.17	142	26
Wind (50)	115	270	1.17	142	26



Yeadon
 425 9th St. E. Suite 500, Grand Rapids, MI 49503
 120 Woolwich St. Suite 201, Grand Rapids, MI 49503

FOR REFERENCE ONLY

PROJECT: CINCINNATI BENGALS PRACTICE DOME
 PROJECT LOCATION: CINCINNATI, OH

DATE: 31/MAR/22
 DRAWN BY: JAMOND BT
 CHECKED BY: JAMOND BT

PROJECT NO.: 22304 AS-4

DESIGN CRITERIA

- A. UNDERGROUND DOMESTIC WATER PIPE SHALL BE CROSSLINKED POLYETHYLENE (PEX) WITH ASTM F 1960 EXPANSION FITTINGS.
- B. STORM PIPE TO 2'-0" OUTSIDE VLV-1 VALVE PIT SHALL BE N-12, HIGH DENSITY POLYETHYLENE PIPE.
- C. STORM PIPE INTO AND THROUGH VLV-1 VALVE PIT SHALL BE SCHEDULE 40 PVC.
- D. UNDERGROUND GAS PIPE SHALL BE HIGH DENSITY POLYETHYLENE.
- E. ABOVEGROUND GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED FITTINGS.

INTERIM INDOOR PRACTICE FACILITY GAS PIPE DESIGN CRITERIA	
LONGEST DEVELOPED LENGTH = 750 FT	PRESSURE = 3 PSI PRESSURE DROP = 1 PSI
PIPE SIZE	CAPACITY (GPM)
1/2"	184
3/4"	322
1"	576
1 1/4"	1,100
1 1/2"	1,770
2"	3,410
2 1/2"	6,400

GAS PIPING 2 1/2" AND SMALLER SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH THREADED FITTINGS.
GAS PIPING 3" AND LARGER SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH WELDED FITTINGS.

**GENERAL NOTES
(APPLIES TO ALL 'P' SERIES SHEETS)**

- A. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LATEST STATE AND ALL APPLICABLE LOCAL PLUMBING CODES AND ORDINANCES.
- B. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED BY STRUCTURE AND SHALL NOT REST ON GRADE.
- C. THE PLUMBING CONTRACTORS AND EQUIPMENT SUPPLIERS SHALL COMPARE THE ELECTRICAL POWER REQUIREMENTS OF THE INTENDED AS SPECIFIED WITH THE POWER CHARACTERISTICS TO THE EQUIPMENT AS SHOWN ON THE ELECTRICAL DRAWINGS. SHOULD THE SELECTED EQUIPMENT AS FURNISHED BY THE CONTRACTOR REQUIRE A LARGER REVISION OF ITS BRANCH FEEDER, THE ADDED COSTS SHALL BE BORNE BY THE CONTRACTOR FURNISHING THE EQUIPMENT.
- D. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- E. ALL HORIZONTAL STORM, SOIL AND WASTE PIPING SHALL BE PITCHED AT 0.5% MINIMUM UNLESS OTHERWISE NOTED.
- F. FURNISH ALL MATERIALS, EQUIPMENT AND INSTRUMENTS NECESSARY TO CONDUCT ALL TESTING OF PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE PLUMBING CODE REGULATIONS.
- G. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC ALTHOUGH SIZE AND LOCATION OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE.
- H. PLUMBING CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AT THE SITE PRIOR TO PERFORMING WORK. CONTRACTOR SHALL FIELD VERIFY EXISTING REFER TO ARCHITECTURAL DRAWING GENERAL NOTES FOR DIMENSIONAL INFORMATION.
- J. OPEN ENDS OF NEW PIPING LINES SHALL BE TEMPORARILY CAPPED OR PLUGGED DURING CONSTRUCTION TO PREVENT ENTRY OF DIRT OR FOREIGN MATERIALS.
- K. THE PLUMBING CONTRACTOR SHALL COORDINATE THE ROUTING OF ALL PIPING WITH THE LOCATIONS OF THE LIGHT FIXTURES, STRUCTURAL, CEILING HEIGHTS, DUCTWORK, AND THE WORK OF ALL OTHER TRADES TO AVOID CONFLICTS.
- L. REFER TO YEARDON DRAWINGS FOR INTERIM INDOOR PRACTICE FACILITY DRAWINGS. REFER TO CIVIL DRAWINGS FOR UTILITY CONTRIBUTION AND CONNECTIONS TO PUBLIC MAINS.

UNDER SEPARATE PERMIT
INCORPORATED FOR REFERENCE ONLY

PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	MANUFACTURER & MODEL NO.	NOMINAL PIPE SIZE (INCHES)				REMARKS
			DCW	DRW	SANITARY	VENT	
YN-1	SANITARY YARD HYDRANT	WOODFORD, MODEL 53	1"				COORDINATE WITH MOTZ DRAWINGS FOR INSTALLATION IN TURF.

HEATED ENCLOSURE SCHEDULE							
MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL	PIPE PENETRATION SIZE (IN)	COMMENTS	
HE-1	HEATED PLUMBING ENCLOSURE	ON SITE, NEAR WATER MAIN	HUBBELL	HB3000	1"	PROVIDE WITH 480V, 1000 W/HEAT TRACE, ASSE 1080 CERTIFIED, INSTALL ON CONCRETE PAD.	

GAS PRESSURE REGULATOR VALVE SCHEDULE							
MARK	MANUFACTURER	MODEL	SERVES	DESIGN FLOW RATE (MBH)	PRESSURE INLET (PSIG)	PRESSURE OUTLET (IN W.C.)	COMMENTS
GPR-1	MAXITROL	323-11L	HVAC UNIT, EMERGENCY GENERATOR	3.550	2	10"	PROVIDE WITH VENT PROTECTION DEVICE
GPR-2	MAXITROL	3255-5L	HVAC UNIT	300	2	10"	PROVIDE WITH VENT PROTECTION DEVICE

VALVE SCHEDULE						
MARK	BASIS OF DESIGN			SYSTEM	SIZE	COMMENTS
	MANUFACTURER	MODEL	SIZE			
VLV-1	NIBCO	LD-2000		STORM	18" x 18"	INSTALL IN VALVE PIT, PROVIDE WITH ELECTRONIC ACTUATOR

BACKFLOW PREVENTER SCHEDULE						
MARK	BASIS OF DESIGN			SYSTEM	SIZE	COMMENTS
	MANUFACTURER	MODEL	SIZE			
RBPB-1	WATTS	1F009-QT-3		DOMESTIC	3/4" x 3/4"	INSTALL IN HEATED ENCLOSURE, HE-1

Interim Indoor Practice Facility
 621 W Mehring Way
 Cincinnati, OH 45202

KZF DESIGN
Designing Better Futures

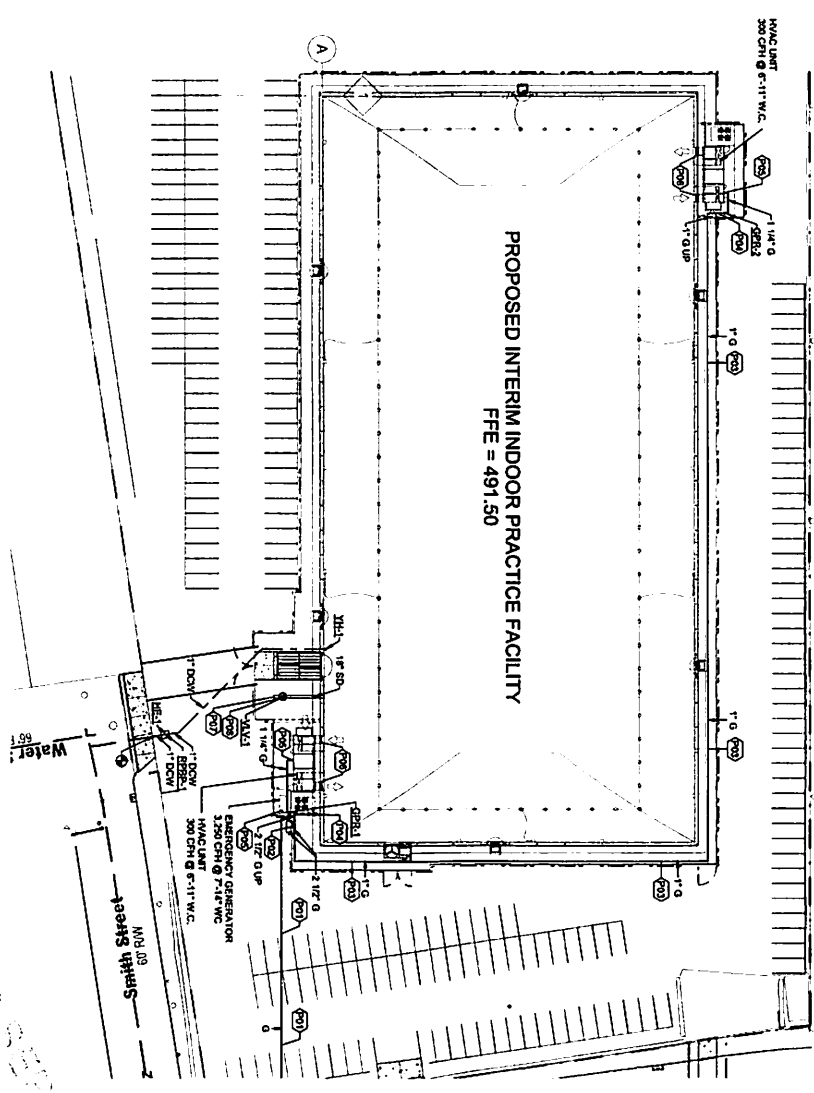
KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzd.com

DESIGNED: _____ DATE: _____
 DRAWN: _____ DATE: _____
 CHECKED: _____ DATE: _____
 BRUNGLUM: _____ SCHULTZ: _____

**GENERAL NOTES
AND SCHEDULES**

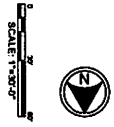
DRAWING NUMBER: **P-001**



01 PLUMBING SITE PLAN
PS-101 1" = 30'-0"

PROPOSED INTERIM INDOOR PRACTICE FACILITY

- Q DRAWING NOTES**
- P01 GAS PIPING INSTALLED BY OAKLE ENERGY.
 - P02 GAS METER SETTING BY OAKLE ENERGY.
 - P03 GAS PIPING INSTALLED UNDERGROUND.
 - P04 PLATFORM INSTALLED ON EQUIPMENT PLATFORM.
 - P05 GAS CONNECTION TO EQUIPMENT, INSTALL WITH HANGON, DRIFT LEG, AND SHUT OFF VALVE.
 - P06 BEEN TO CON. DRAWINGS FOR CONTINUATION.
 - P07 VALVE INSTALLED IN BELOW GRADE VALVE PIT. PIPING SHALL BE 2" RIBBON DUCT ON 12\"/>

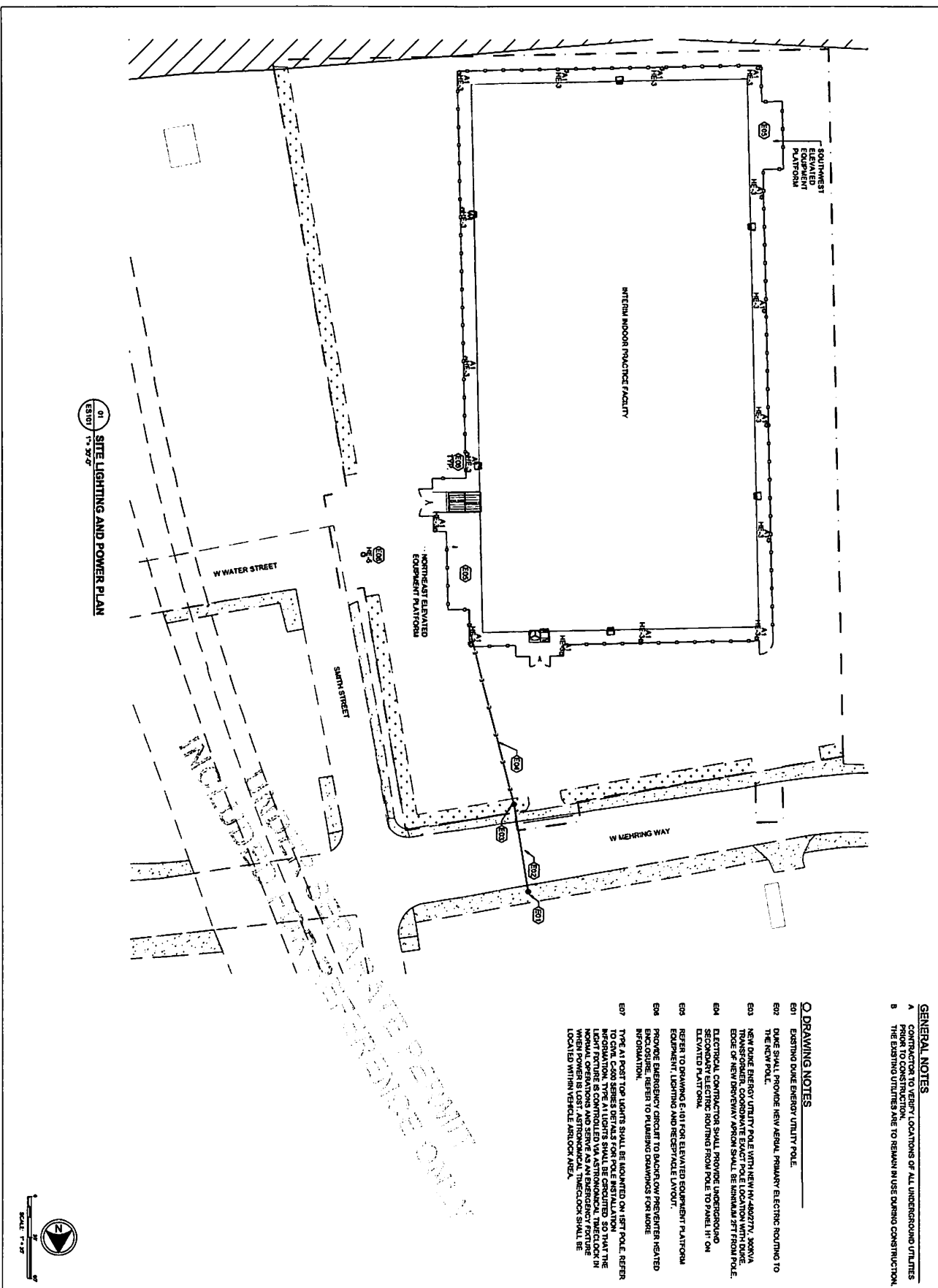


04-01-2022 GRADING PERMIT

Interim Indoor Practice Facility
621 W Mehring Way
Cincinnati, OH 45202

KZF DESIGN
Designing Better Buildings
KZF DESIGN INC.
703 Broadway Street
Cincinnati, OH 45202
Phone: 513.281.4211
kzf.com

REVISION: 01
DATE: 04/01/2022
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]
PROJECT: 621 W MEHRING WAY
DRAWING: PLUMBING SITE PLAN
PLUMBING SITE PLAN
DRAWING NUMBER: PS-101



01 SITE LIGHTING AND POWER PLAN
 23107 1" = 30'

GENERAL NOTES

A CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

B THE EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.

Q DRAWING NOTES

- E01 EXISTING DUKE ENERGY UTILITY POLE.
- E02 DUKE SHALL PROVIDE HEAVY AERIAL PRIMARY ELECTRIC ROUTING TO THE NEW POLE.
- E03 NEW DUKE ENERGY UTILITY POLE WITH NEW HV 480/277V XGNVA EDGE OF NEW DOWNTOWN ARSON SHALL BE SHOWN AS FT FROM POLE.
- E04 ELECTRICAL CONTRACTOR SHALL PROVIDE UNDERGROUND ELEVATED PLATFORM ROUTING FROM POLE TO PANEL #1 ON ELEVATED PLATFORM.
- E05 REFER TO DRAWING E-101 FOR ELEVATED EQUIPMENT PLATFORMS EQUIPMENT, LIGHTING AND RECEPTACLE UNITS.
- E06 PROVIDE EMERGENCY CIRCUIT TO BACKUP LOW PRESSURE HEATED ENCLOSURE. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
- E07 TYPE A1 POST TOP LIGHTS SHALL BE MOUNTED ON 18FT POLE. REFER TO DRAWING E-101 FOR ELEVATED EQUIPMENT PLATFORMS EQUIPMENT, LIGHTING AND RECEPTACLE UNITS. THE LIGHT FEATURE IS CONTROLLED VIA ASTROLOGICAL THECLUD IN NORMAL OPERATIONS AND SERVE AS AN EMERGENCY FEATURE LOCATED WITHIN VERTICAL AIRLOCK AREA.

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

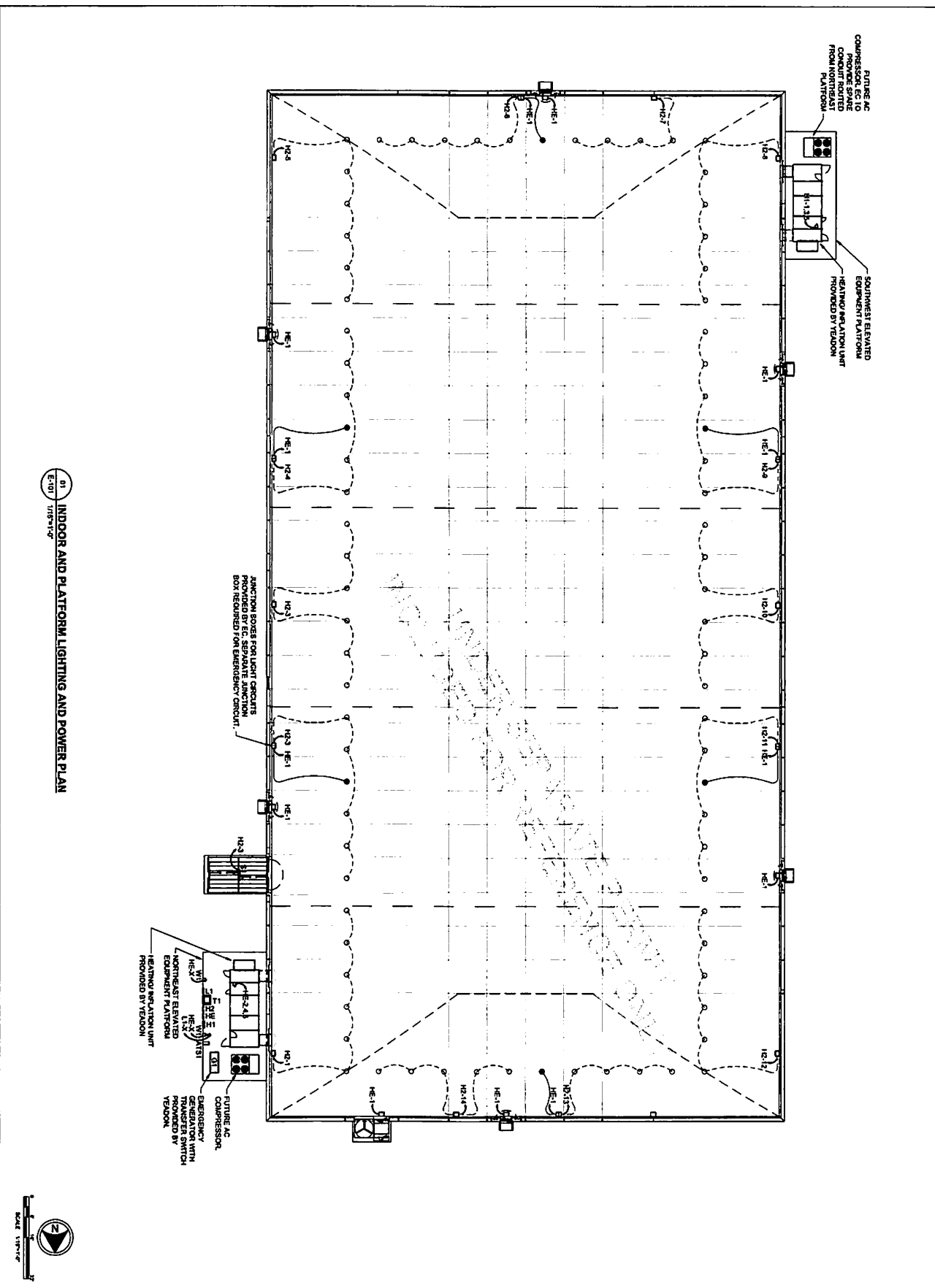
NO.	DATE	DESCRIPTION

KZF DESIGN
 Consulting Services, Inc.
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.671.6711
 Fax: 513.671.6711

UARM
 UNIVERSITY OF ARMY AND AIR FORCE ROTARY CLUB

DESIGNED: []
 DRAWN: []
 CHECKED: []
 DATE: []
 SCALE: []
 SHEET: []

ES101



DENSE AC
 COMPRESSOR, E.E. 14
 PROVIDE SPACE
 CONDUIT ROUTED
 FROM NORTHWEST
 PLATFORM

EQUIPMENT PLATFORM
 HEATING/RELATION UNIT
 PROVIDED BY YEADON

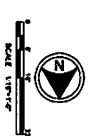
JUNCTION BOXES FOR LIGHT CABLES
 PROVIDED BY E.C. SEPARATE JUNCTION
 BOX REQUIRED FOR EMERGENCY CIRCUIT.

HEATING/RELATION UNIT
 PROVIDED BY YEADON

FUTURE AC
 COMPRESSOR
 GENERATOR WITH
 EMERGENCY SWITCH
 PROVIDED BY
 YEADON

HEATING/RELATION UNIT
 PROVIDED BY YEADON

01
 E-101
 1/18"=1'-0"
INDOOR AND PLATFORM LIGHTING AND POWER PLAN



04/01/2022 PROGRESS REVIEW SET

E-101

DESIGNED: []
 DRAWN: []
 CHECKED: []
 APPROVED: []
 DATE: []
 PROJECT: []
 SHEET: []

KZF DESIGN
 Consulting and Planning
 709 Broadway Street
 Cincinnati, OH 45202
 Phone 513.621.0211
 FAX 513.621.0211

INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

NO.	DATE	DESCRIPTION

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR ENTRY SHELL (LEFT)	REAR ENTRY SHELL	A1	REAR ENTRY SHELL (RIGHT)	REAR ENTRY SHELL
S1	REAR ENTRY SHELL (LEFT)	REAR ENTRY SHELL	S1	REAR ENTRY SHELL (RIGHT)	REAR ENTRY SHELL
W1	REAR ENTRY SHELL (LEFT)	REAR ENTRY SHELL	W1	REAR ENTRY SHELL (RIGHT)	REAR ENTRY SHELL

LUMINAIRE SCHEDULE

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR ENTRY SHELL (LEFT)	REAR ENTRY SHELL	A1	REAR ENTRY SHELL (RIGHT)	REAR ENTRY SHELL
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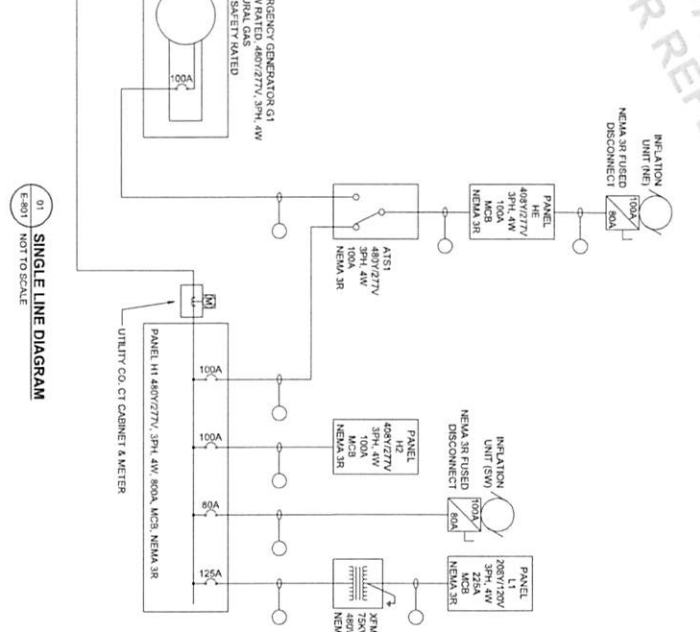
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TO DRIVE ENERGY UTILITY
POLE MOUNT TRANSFORMER
480V/277V, 3PH, 4W SECONDARY
XXXXX ATIC, 0A/10A



01 SINGLE LINE DIAGRAM
E-801 NOT TO SCALE

INCLUDED UNDER SEPARATE PERMIT
FOR REFERENCE ONLY

NO.	DATE	DESCRIPTION

INTERIM INDOOR PRACTICE FACILITY
621 W MEHRING WAY
CINCINNATI, OHIO 45202

KZF DESIGN
KZF DESIGN INC.
709 Broadway Street
Cincinnati, OH 45202
PH: 513.671.5211
www.kzfdesign.com

UARM
UNIVERSITY AIR MANAGEMENT
10000 University Blvd
Cincinnati, OH 45241
PH: 513.671.5211
www.uarm.com

DESIGNED BY KZF DESIGN
DATE 04/01/2022
DRAWN BY E-801
CHECKED BY [Signature]
SCALE 1/8" = 1'-0"

SCHEDULES AND SINGLE LINE DIAGRAM