

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

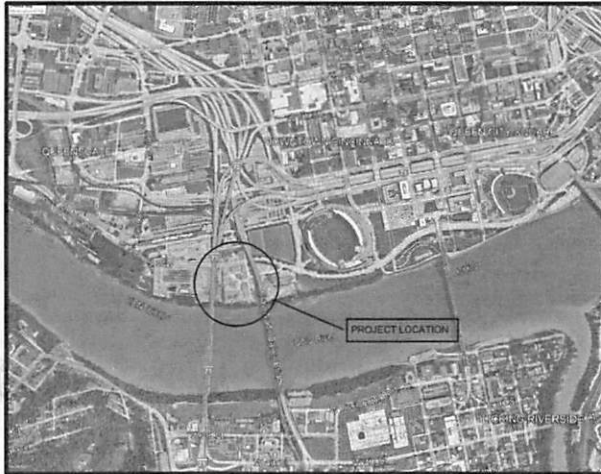


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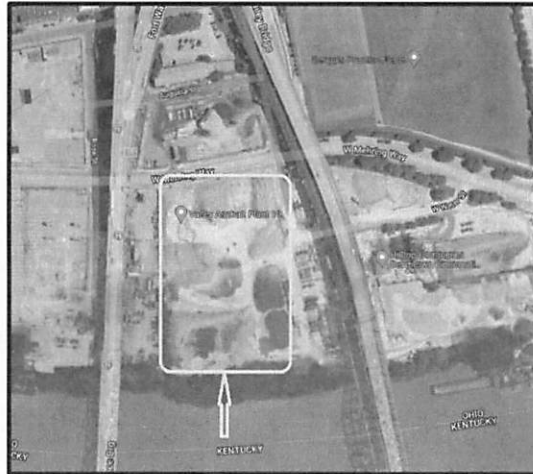
COVER SHEET

DRAWING NUMBER: BSLE
G-000 1

NOT FOR CONSTRUCTION



VICINITY MAP



LOCATION PLAN



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E-401	SCHEDULES AND SINGLE LINE DIAGRAM	USP/FRO

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

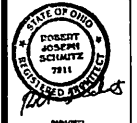
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 621 W Mehring Way
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DESIGNED BY: SCHWITZ
 DRAWN BY: SCHWITZ
 CHECKED BY: SCHWITZ

DRAWING INDEX

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

GENERAL NOTES

ALL WORK PERFORMED ON THIS PROJECT SHALL CONFORM TO THE LATEST STANDARDS AND ALL APPLICABLE CODES OF THE CITY OF CINCINNATI AND THE OHIO DEPARTMENT OF TRANSPORTATION.

ALL WORK SHALL BE IN ACCORDANCE WITH FEDERAL, OHIO, REGULATIONS.

PROVIDE POSITIVE DRAINAGE IN ALL AREAS. WATER SHALL BE USED TO CHECK FOR BROOD BATH CONDITIONS. ANY BROOD BATH LOCATIONS SHALL BE CUT OFF AND RESPAVED 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 THICK COAT PRIOR TO PROPOSED PAVING IN ALL AREAS WHERE EXISTING ASPHALT PAVED DRIVEWAYS MEETS PROPOSED PAVEMENT.

SURVEY & DATA

THE PROJECT WAS SURVEYED AND DESIGNED USING INDOOR VERTICAL ELEVATIONS AND GROUND CONTROL POINTS. THE CITY OF CINCINNATI INDICES BATHY AND THE HANCOCK DATA AND A TRANSFORMATION FACTOR FOR GRID VERSUS GROUND COORDINATE SYSTEM USED FOR CONSTRUCTION SHALL BE PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING THE DATA USED AND MUST CONFORM TO THE STANDARD PRACTICES USED AND PROVIDE THE TRANSFORMATION TO CORRECT ANY XY COORDINATE ERRORS. THE CONTRACTOR SHALL PROVIDE ALL EXISTING UTILITIES BOTH HORIZONTAL AND VERTICAL. PLANS SHOULD BE IMMEDIATELY REPORTED TO THE PROJECT MANAGER FOR RESOLUTION AND CORRECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND CONSTRUCTION OF ALL UTILITIES. 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.

WORK IN THE RIGHT OF WAY

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

EROSION/SEDIMENTATION NOTES

CONTRACTOR SHALL NOT COMMENCE ANY WORK OR GRADE OF UTILITIES WITH THE OWNER, UNLESS EROSION CONTROL MEASURES HAVE BEEN INSTALLED AND APPROVED BY THE OWNER. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY WORK. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY WORK. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY WORK.

DUST CONTROL

CONTRACTOR SHALL PROVIDE DUST CONTROL. WATER OR CALCIMUM AS NECESSARY TO KEEP DUST TO A MINIMUM.

STORM SEWER NOTES

STORM SEWER PIPE SHALL BE 300 CLASS B. CONTRACTOR TO TAKE EXTRA PRECAUTION TO PROVIDE PROPERLY COMPACTED BASE AND SLOPE FOR PIPES.

WATER DISTRIBUTION

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

GAS SERVICE NOTES

CONTRACTOR TO COORDINATE THE NEW GAS SERVICE WITH DUNE ENERGY. ALL GAS SERVICE LINES SHALL BE 95% DUNE ENERGY STANDARDS.

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INTERIM INDOOR PRACTICE FACILITY
621 W MEHRING WAY
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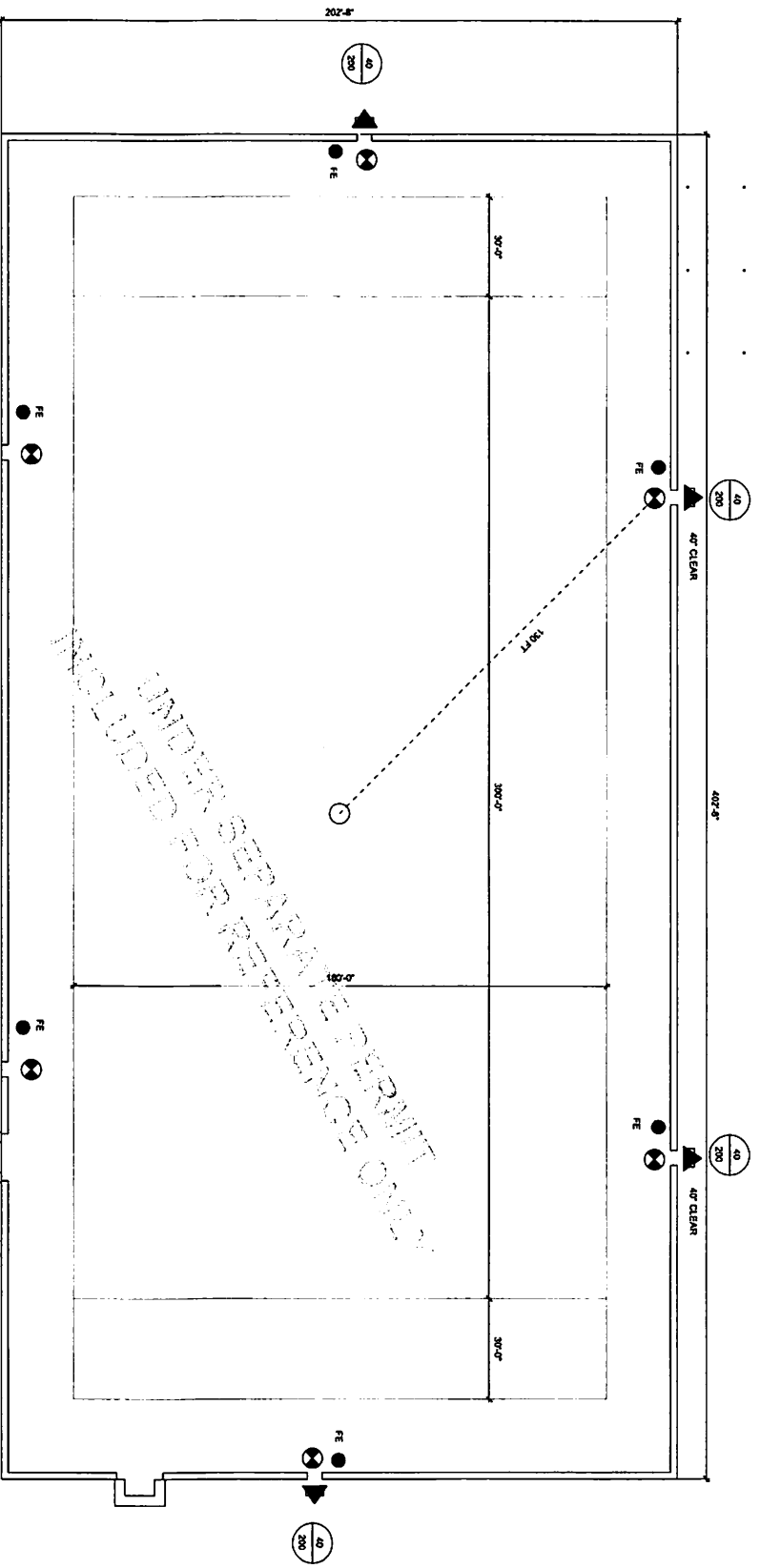
URM
URS
709 Broadway Street
Cincinnati, OH 45202
Phone 513.271.6211



GENERAL NOTES
1
G-002



GENERAL NOTES
1
G-002



CODE SUMMARY

SCOPE OF WORK:
 NEW TEMPORARY INHABITABLE DOCK STRUCTURE FOR INTERIM INDOOR FOOTBALL PRACTICE FACILITY (100 OCCUPANTS MAX) FACILITY WILL NOT BE OPEN TO THE GENERAL PUBLIC.

APPLICABLE CODES:
 2017 OHIO BUILDING CODE
 2017 OHIO MECHANICAL CODE
 2017 OHIO ELECTRICAL CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2018 INTERNATIONAL ELECTRICAL CODE
 2018 INTERNATIONAL ACCESSIBILITY CODE (ICC A117.1)

CHAPTER 1 - USE AND OCCUPANCY CLASSIFICATION
 ASSEMBLY A-4
 SPECTATOR PARTICIPANT SPORT

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

SECTION 507.4 - SPRINKLERED ONE-STORY BUILDINGS
 UNLIMITED PERSONS PERMITTED FOR ONE-STORY DOCK AND UNLIMITED PERSONS PERMITTED FOR ONE-STORY DOCK AND ALLOWED BY PUBLIC WAIVER OR VARIATION NOT LESS THAN 60 FT IN WIDTH.

EXCEPTION 2:
 AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED IF:
 1. EXIT OCCUPANTS OF PARTICIPANT SPORTS AREA
 2. BUILDING IS EQUIPPED WITH A FIRE ALARM SYSTEM WITH SECTION 907

CHAPTER 8 - TYPES OF CONSTRUCTION
SECTION 802 - CONSTRUCTION CLASSIFICATION TYPE I-B

TABLE 801 - FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS

BUILDING WALLS	0 HRS	0 HRS	0 HRS
EXTENSION	0 HRS	0 HRS	0 HRS
NON-SEPARATING WALLS	0 HRS	0 HRS	0 HRS
EXTENSION (TABLE 802)	0 HRS	0 HRS	0 HRS
FLOOR CONSTRUCTION	0 HRS	0 HRS	0 HRS
ROOF CONSTRUCTION	0 HRS	0 HRS	0 HRS

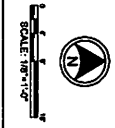
CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - PORTABLE FIRE EXTINGUISHERS
SECTION 907 - FIRE ALARM AND DETECTION SYSTEMS

CHAPTER 10 - MEANS OF EGRESS
SECTION 1003 - PORTABLE FIRE EXTINGUISHERS
SECTION 1005 - EGRESS WIDTH
SECTION 1007 - EXIT ACCESS TRAVEL DISTANCE
 200 FT (A4) WITHOUT SPRINKLER

LIFE SAFETY LEGEND

- FIRE EXTINGUISHER (FE)
- ▲ BUILDING EXIT
- ▲ EXIT SIGN
- TRAVEL DISTANCE TO EXIT
- CLEAR OPENING IN INCHES
- OCCUPANT LOAD



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 Drawing Author/Designer
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 ENGINEER
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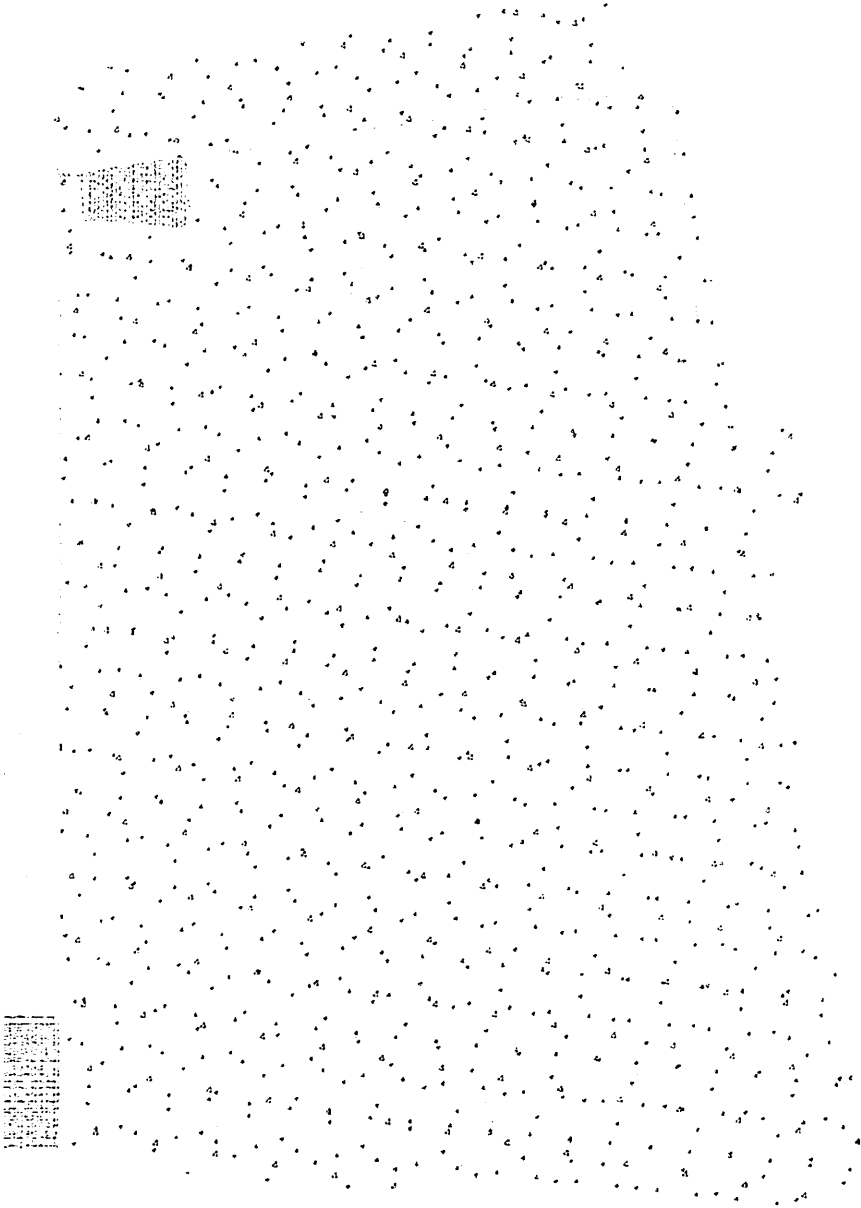
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FIRST FLOOR
LIFE SAFETY
PLAN

DATE: 04-01-2022
GRAADING PERMIT
REFERENCE ONLY

LS101

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LEGEND

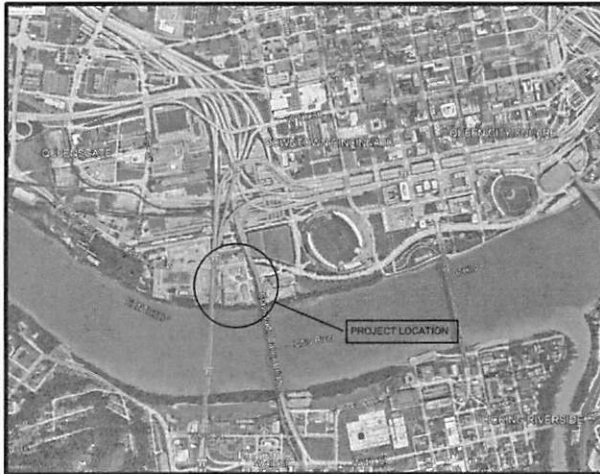
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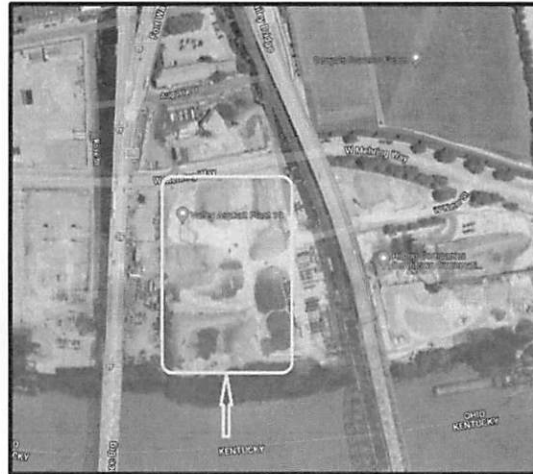
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VICINITY MAP



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COVER SHEET

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DRAWING INDEX

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DRAWING INDEX

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1

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 VERIFYING THE LOCATION OF ALL UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT OF CONSTRUCTION.

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 A GUARANTEE OF THE LOCATION OF SUCH UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SUCH UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SUCH UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT 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 CONSTRUCTION TO ORIGINAL CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES AND CONDUITS FROM DAMAGE DURING THE CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE AND PROPOSED SETBACKS. ANY ENVIRONMENTAL HAZARDOUS MATERIALS AND/OR DEBRIS WHICH RESULTS FROM CONSTRUCTION OPERATIONS AT TO ADDITIONAL EXPENSE TO THE OWNER. ANY MATERIALS DISCOVERED WHICH ARE POTENTIALLY HAZARDOUS WILL BE REPORTED TO THE ENGINEER FOR THEIR INPUT AND DIRECTION.

WHERE SECTION OR SUBSECTION SURVEY MONUMENTS ARE ENCOUNTERED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE SURVEYOR OR AGENT HAVE WITNESSED OR OTHERWISE REBURNED THEIR MONUMENTS.

REMARK: ANY AREAS DISTURBED/DAMAGED BY CONTRACTOR'S CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH PROVISIONS OF THE PRIME CONTRACTORS CONTRACT WITH THE OWNER.

THE CONTRACTOR SHALL PROVIDE 48 HOUR NOTICE PRIOR TO PERFORMING ANY FIELD TESTING. FIELD TESTING WILL BE CONDUCTED IN THE PRESENCE OF BOTH G.A. AND C.C. IF PRESENT, FORMAL TEST REPORTS WILL BE PROVIDED TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAILURE TO PERFORM OR PROVIDE TESTING REPORTS MAY RESULT IN REJECTION OF ACCEPT WORK.

SURVEY & DATUM

THIS PROJECT WAS SURVEYED AND DESIGNED USING HIGHER VERTICAL ELEVATIONS AND GROUND DATUM AND A TRANSFORMATION FACTOR BETWEEN THE CITY OF CINCINNATI (NAD83 DATUM) AND THE HAVERS DATUM AND A TRANSFORMATION FACTOR BETWEEN THE CITY OF CINCINNATI (NAD83 DATUM) AND THE HAVERS DATUM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT 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 APPROVAL AND PERMITS WITH THE OWNER. ALL PROPOSED ITEMS ARE INTENDED TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

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 (SEEDING, 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 TRACKED ONTO ROADWAYS.

CONTRACTOR SHALL MINIMIZE 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 AREAS SHALL BE 1/4" BELOW FINISHED GRADE. AREAS SHALL BE 1/8" INCH FROM PLAN GRADE. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES.

CONCRETE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL FRESH CONCRETE SHALL BE PROTECTED FROM THE CLEANING OF DIRTIES OF READY-MIX CONCRETE TRUCKS AND HOPIERS OF CONCRETE PUMP TRUCKS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S SPILL BEST PRACTICES. ALL CONCRETE SHALL BE PROTECTED FROM THE CLEANING OF DIRTIES OF READY-MIX CONCRETE TRUCKS AND HOPIERS OF CONCRETE PUMP TRUCKS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S SPILL BEST PRACTICES.

ALL WASTEWATER SHALL NOT BE DUMPED DIRECTLY ON THE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF WASTEWATER MATERIAL.

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 A GUARANTEE OF THE LOCATION OF SUCH UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF SUCH UTILITIES AND THE PROCEED TO THE OWNERS AND ENGINEER WITH THE RIGHT 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.

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



KZF DESIGN
1700 Brinsley Street
Cincinnati, OH 45202
Phone: 513.821.0211
kzf.com



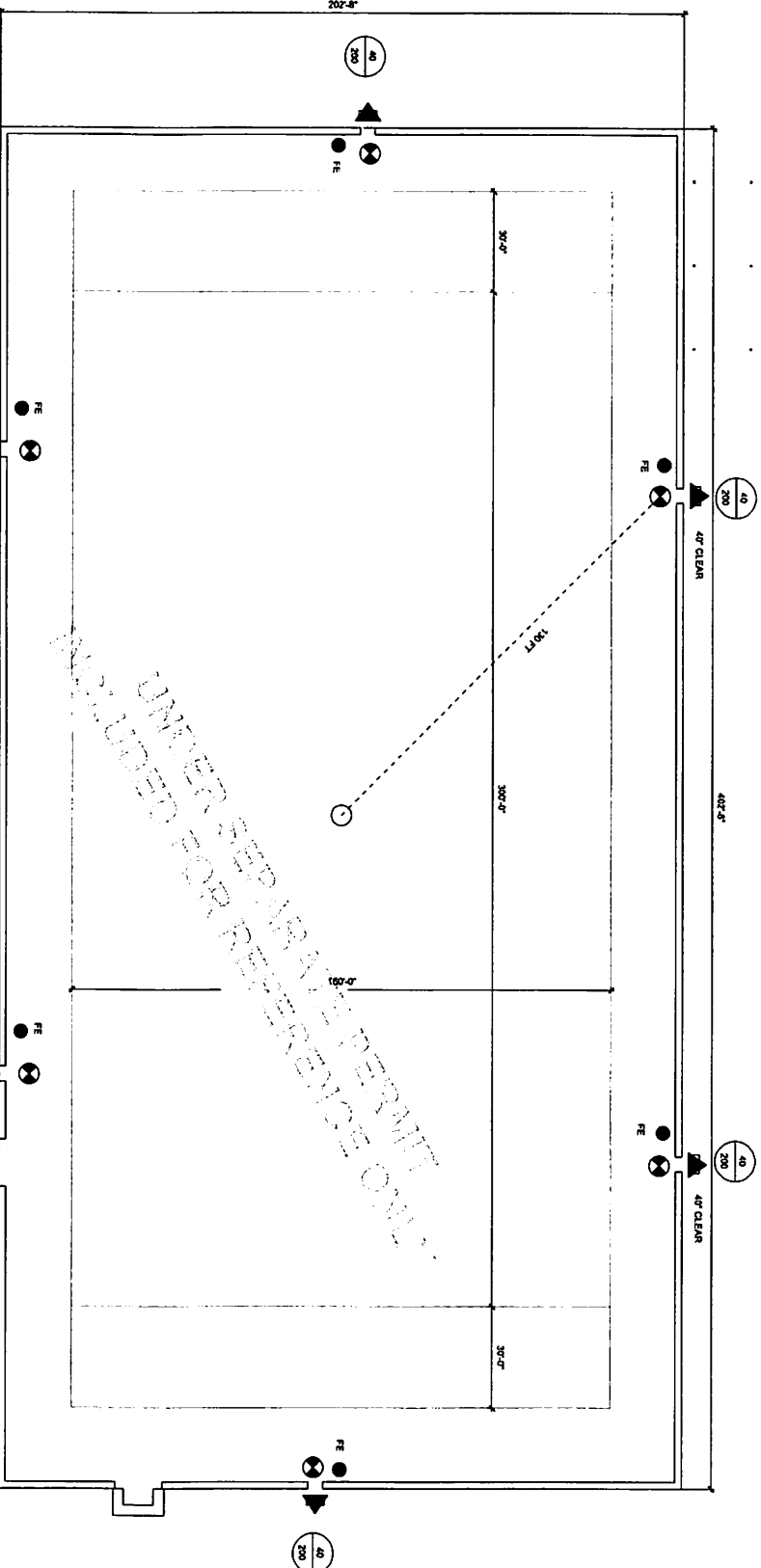
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 11177
DATE: 11/11/22
EXPIRES: 11/11/25
NAME: JAMES W. BROWN
FIRM: KZF DESIGN
ADDRESS: 1700 BRINSLEY STREET
CINCINNATI, OHIO 45202

GENERAL NOTES

EXPIRES: NOVEMBER 2025
G-002 1



Call before you dig



CODE SUMMARY

SCOPE OF WORK
 NEW TEMPORARY UNAVAILABLE DOOR STRUCTURE FOR INTERNAL INDOOR FOOTBALL PRACTICE FIELD FACILITY (USE OCCUPANT FLOOR AREA OF WALL NOT BE OPEN TO THE GENERAL PUBLIC.

APPLICABLE CODES
 2017 OHIO BUILDING CODE
 2017 OHIO ELECTRICAL CODE
 2017 OHIO MECHANICAL CODE
 2017 OHIO PLUMBING CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2017 NATIONAL ELECTRICAL CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2017 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101 (2015 EDITION)

CHAPTER 3 - LIFE AND OCCUPANT CLASSIFICATION
 ASSEMBLY A.4
 ROOMER PARTICIPANT SPORT

CHAPTER 3 - GENERAL BUILDING HEIGHTS AND AREAS

SECTION 607.2 - SPRINKLERED ONE STORY BUILDINGS
 UNLIMITED AREA PERMITTED FOR ONE STORY GROUP A.4, ALLOWED BY PUBLIC WAYS OR VARDS NOT LESS THAN 60 FT IN WIDTH.

EXCEPTION 2
 AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED IF: APPROVED FOR
 1. EXISTING OCCUPANTS OF PARTICIPANT SPORTS ARE
 2. BUILDING IS EQUIPPED WITH A FIRE ALARM SYSTEM WITH SECTION 907

CHAPTER 8 - TYPES OF CONSTRUCTION
SECTION 802 - CONSTRUCTION CLASSIFICATION - TYPE IB

TABLE 801 - FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS

MEMBER	TYPE I	TYPE II	TYPE III
BEARING WALLS	0 HRS	0 HRS	0 HRS
EXTERIOR WALLS	0 HRS	0 HRS	0 HRS
NON-BEARING WALLS	0 HRS	0 HRS	0 HRS
EXTERIOR ROOF	0 HRS	0 HRS	0 HRS
FLOOR CONSTRUCTION	0 HRS	0 HRS	0 HRS
ROOF CONSTRUCTION	0 HRS	0 HRS	0 HRS

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 905 - PORTABLE FIRE EXTINGUISHERS
SECTION 907 - FIRE ALARM AND DETECTION SYSTEMS

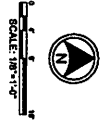
CHAPTER 10 - MEANS OF EGRESS
SECTION 1005 - EGRESS WIDTH
 24 INCHES PROVIDED

SECTION 1007 - EXIT ACCESS TRAVEL DISTANCE
 200 FT (A.4) WITHOUT SPRINKLER

LIFE SAFETY PLAN

LIFE SAFETY LEGEND

- EXIT SIGN
- BUILDING EXIT
- FIRE EXTINGUISHER (FE)
- TRAVEL DISTANCE
- TRAVEL DISTANCE TO EXIT
- EXIT CAPACITY
- 40' CLEAR OPENING IN INCHES
- 200' OCCUPANT LOAD



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 700 Broadway Street
 Cincinnati, OH 45202
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 Fax: 513.871.4211

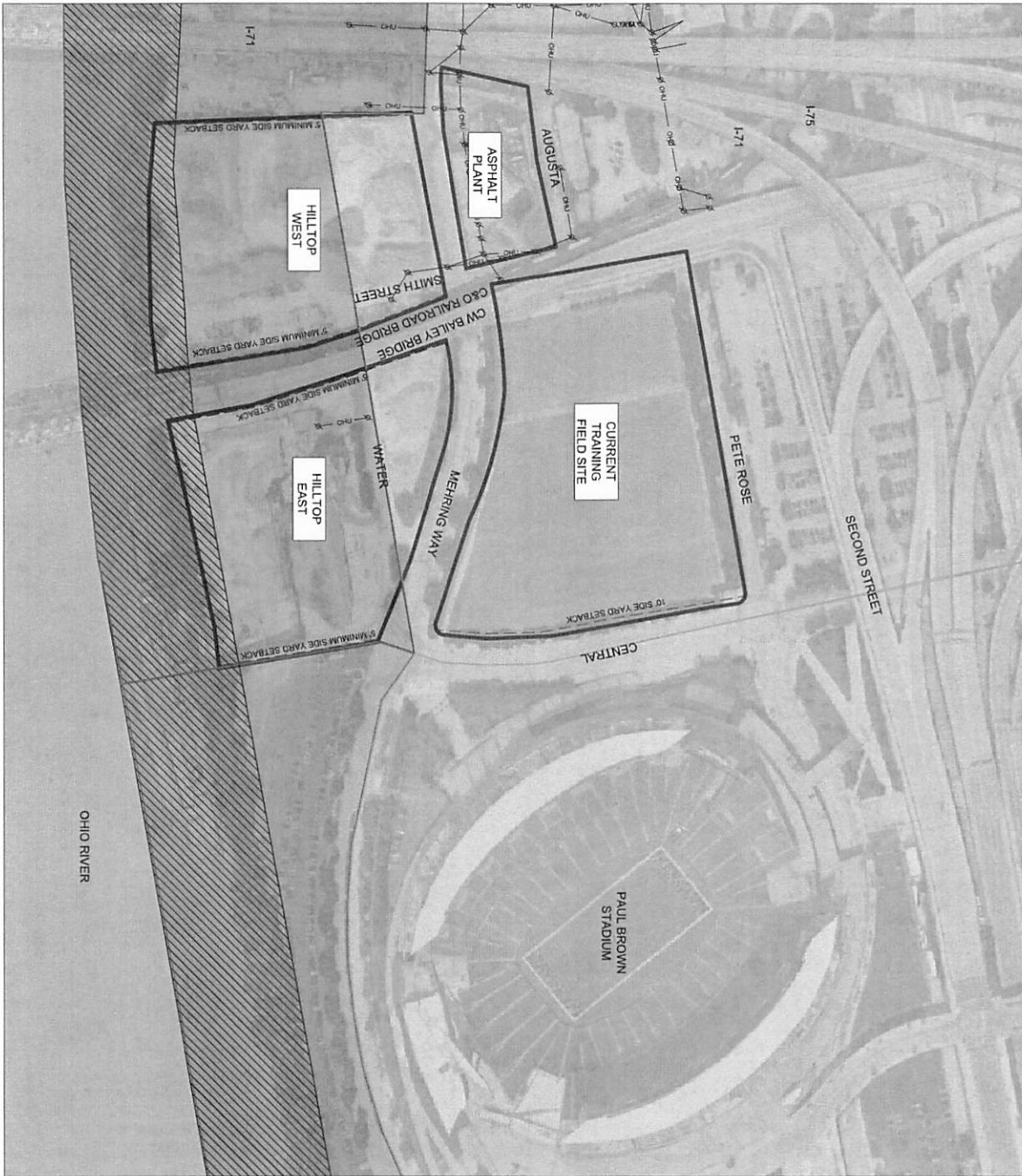
WARW
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.871.4211
 Fax: 513.871.4211

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

DATE DESCRIPTION

04-01-2022 GRADING PERMIT REFERENCE ONLY

LS101



LEGEND

[Hatched Box]	ZONE DD
[Solid Box]	CODE/FRONT
[Solid Box]	ZONE RF-M
[Solid Box]	CAMP WASHINGTON
[Solid Box]	ZONE PD FRONT
[Solid Box]	ZONE MS
[Solid Box]	CAMP WASHINGTON
[Hatched Box]	TEMA FLOORWAY



EXISTING ZONING
 DRAWING NUMBER: VF001
 SHEET: 1

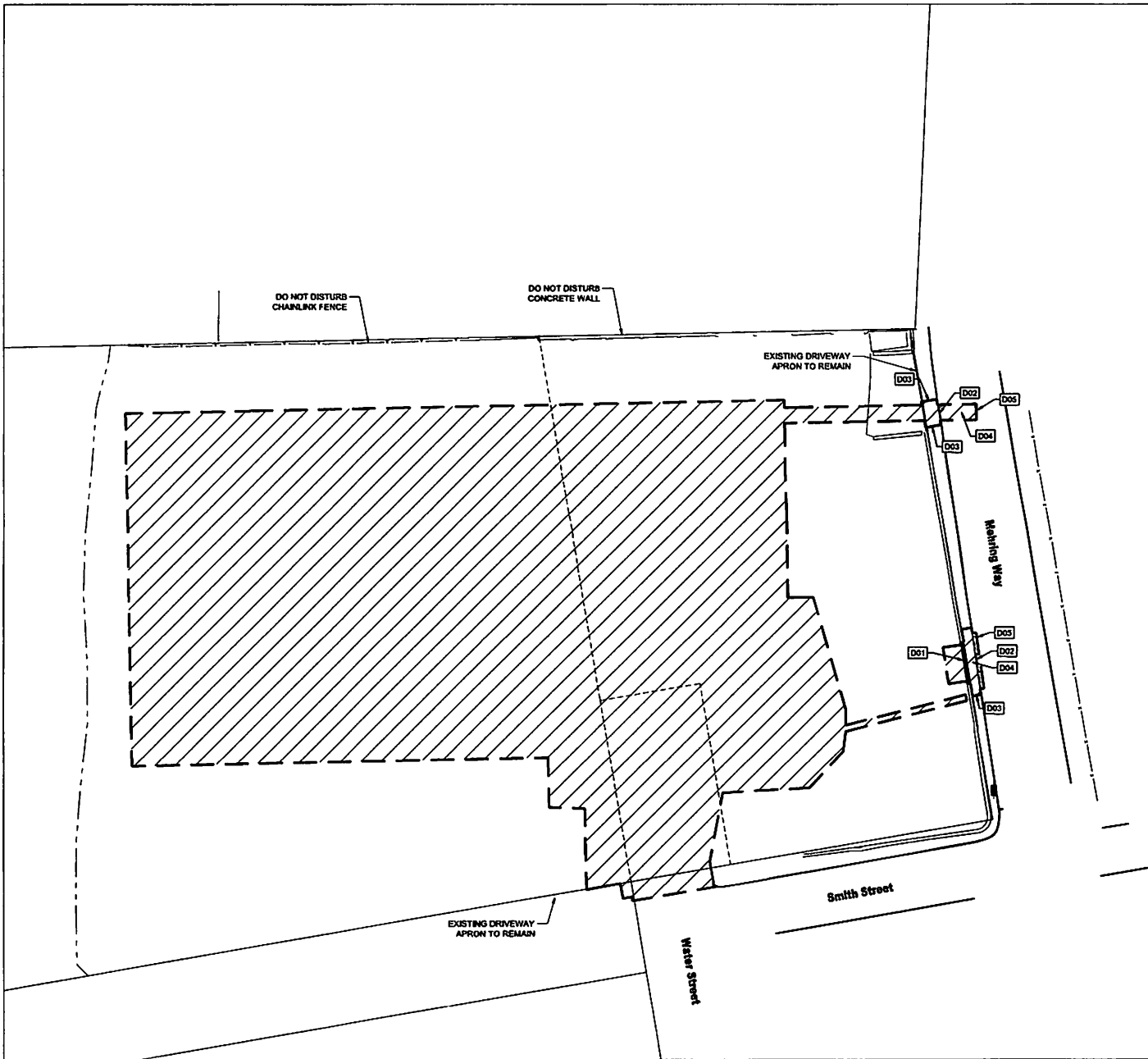
KZF DESIGN
 707 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.231.0211
 kzf.com

WARREN
 REGISTERED PROFESSIONAL ENGINEER
 No. 14782

PROPOSED: PHASE 1A
 WORKSHEET: 0101
 DRAWN: [Name]
 CHECKED: [Name]
 DATE: [Date]
 PROJECT: [Name]
 FOREMAN: [Name]
 SCALE: [Scale]

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 22"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 10:00 AM
 11-10-2022 10:00 AM

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 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

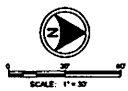


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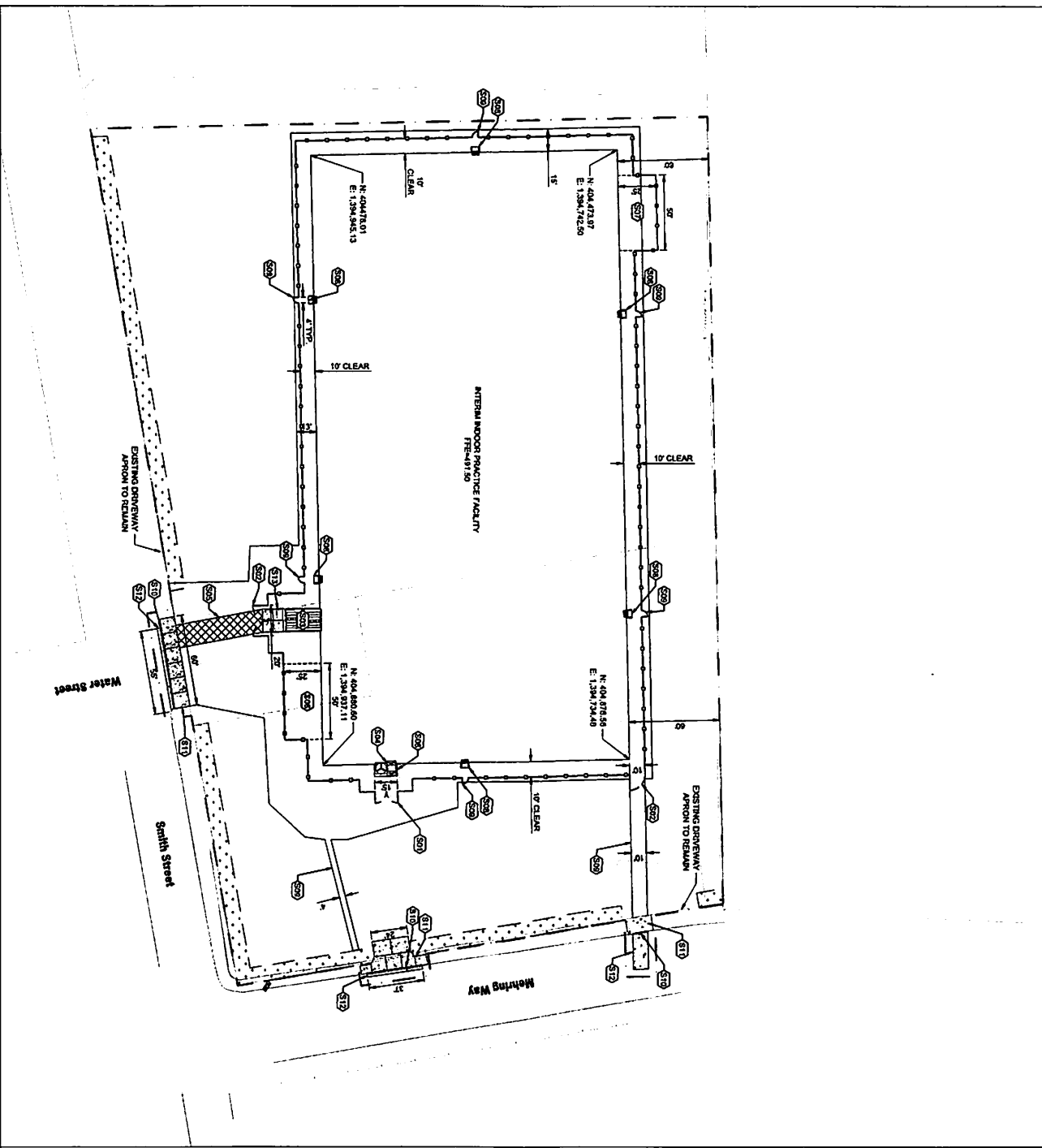
Phone: 513.621.6211
 kzf.com



DESIGNED BY	CCM	NO
JED WARM	48410	
DRAWN BY	DATE	
FRANCIS	04/10/22	
CHECKED BY	PROJ. MGR.	
FORTNER	DELTZ	



SITE DEMOLITION PLAN
 DRAWING NUMBER: DSLE
CD101 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 1/8" FOOT CROSS SLOPE.
 4. CONTRACTOR TO MATCH NEW CURBS ALONG MEHRING WAY WITH ADJACENT CURBS.
 5. MATCH EXISTING THICKNESS OF CONCRETE DRIVEWAY PAVEMENT TO EXISTING THICKNESS OF DRIVEWAY PAVEMENT TYPICAL CONCRETE PAVEMENT TRENCH REPAIR SECTION.

- LEGEND**
- CONSTRUCTION LIMITS
 - - - FENCE. SEE DETAIL 01/C3500
 - ▣ HEAVY DUTY ASPHALT PAVEMENT. SEE DETAIL 01/C3501
 - ▤ LIGHT DUTY ASPHALT PAVEMENT. SEE DETAIL 01/C3501
 - ▥ 10' LANDSCAPE BUFFER

- DRAWING NOTES**
- 501 MULTICASTE. SEE DETAIL C420
 - 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-10 FOR ELEVATIONS
 - 508 EGRESS STOOP. SEE STRUCTURAL FOR DETAIL
 - 509 SEE CO-10 FOR ELEVATIONS
 - 510 PAVING CURBS. SEE DETAIL C420/300 AND SEE DETAIL 04/C3502
 - 511 ASPHALT CONCRETE DRIVEWAY PAVEMENT. SEE DETAIL 01/C3501
 - 512 DETAIL 01/C3502
 - 513 SEE STRUCTURAL FOR DETAIL. SEE CO-10 FOR ELEVATIONS

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

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 Engineering & Architecture

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URPM
 313.821.12411

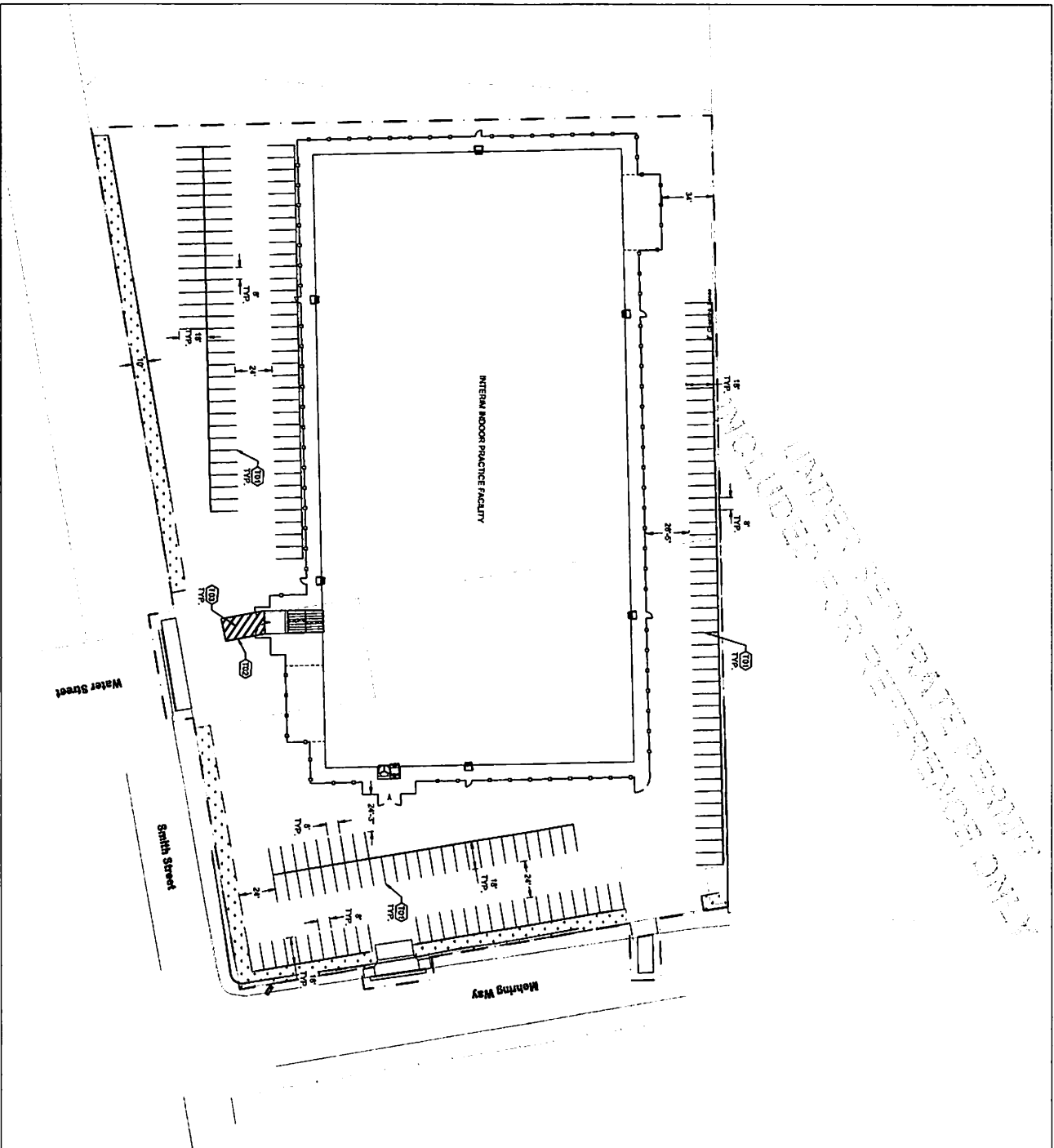
KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202

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

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DRAWN BY: [Signature]
DATE: 11/22/20

CIVIL SITE PLAN

CS101 1



UNIVERSITY OF CINCINNATI
LIBRARY
300 N. GLENNON AVENUE
CINCINNATI, OHIO 45221-0202

- GENERAL NOTES**
- A. ALL PAVEMENT MARKINGS AND SIGNS SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, FEDERAL HIGHWAY ADMINISTRATION.
 - B. ALL DIMENSIONS AND/OR DIRECTIONS SHOWN IN CALL DIMENSIONS 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**
- TO EXISTING PAVED SURFACE
 - TO NEW 4" WIDE YELLOW LINES
 - TO NEW 8" WIDE YELLOW TRANSVERSE LINES

INTERIM INDOOR PRACTICE FACILITY

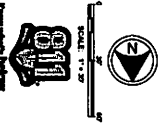
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CINCINNATI, OHIO 45202

KZF DESIGN
Engineering & Architecture
707 Devonway Street
Cincinnati, OH 45202
Phone: 513.621.1271
Fax: 513.621.1271

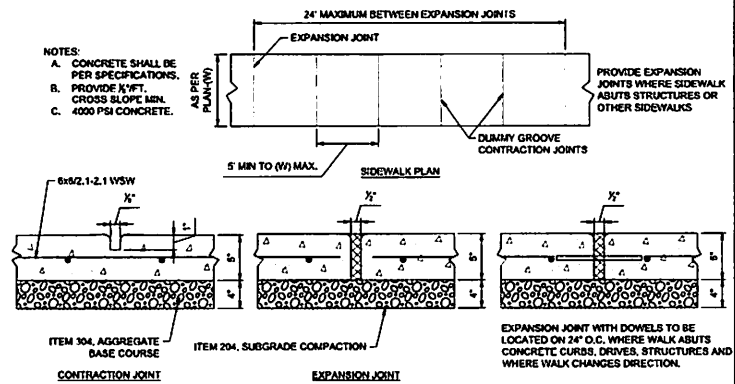
URM
CINCINNATI

TRAFFIC, PAVEMENT, AND SIGNING PLAN
DRAWING NUMBER: CS-102

DESIGNED BY	DATE	CHECKED BY	DATE
DRAWN BY	DATE	APPROVED BY	DATE

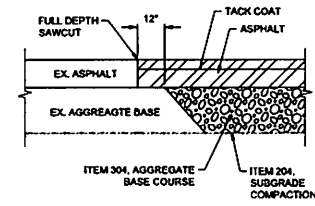


04/01/2022 PROGRESS REVIEW SET



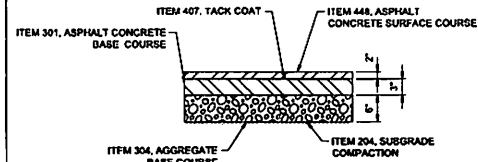
- NOTES:
- CONCRETE SHALL BE PER SPECIFICATIONS.
 - PROVIDE 1/4\"/>

03 **SIDEWALK DETAILS**
CS501 N.T.S.

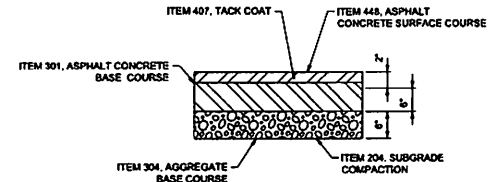


- NOTE:
- REFER TO DETAIL 01CS501 FOR PAVEMENT SECTION.
 - BASE AND SUBGRADE COMPACTION SHALL BE PER ASTM D1557.

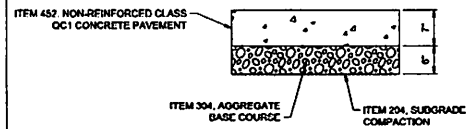
02 **BUTT JOINT DETAIL**
CS501 N.T.S.



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
CHECKED BY: CS501

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

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Designing Better Futures

KZF DESIGN INC.
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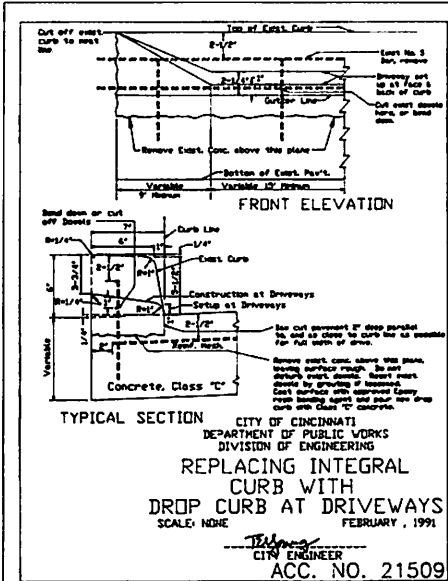
THE WARM
MADE IN OHIO



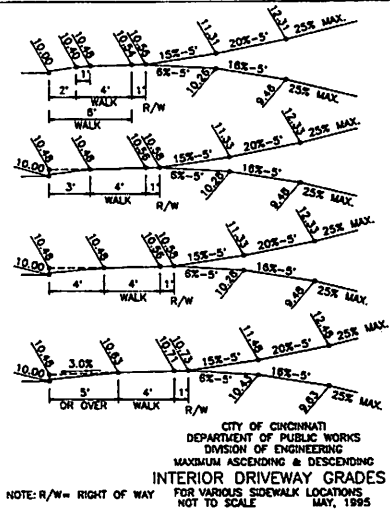
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CIVIL SITE
DETAILS

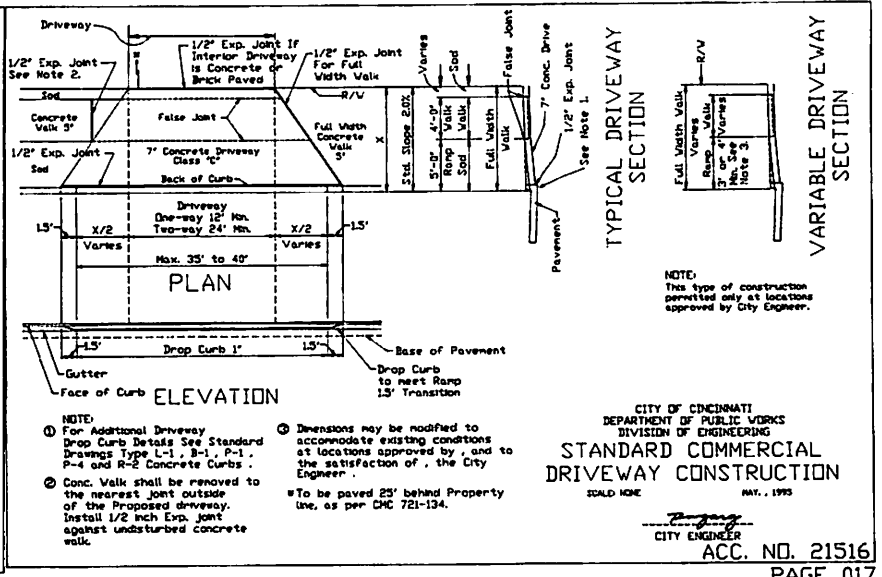
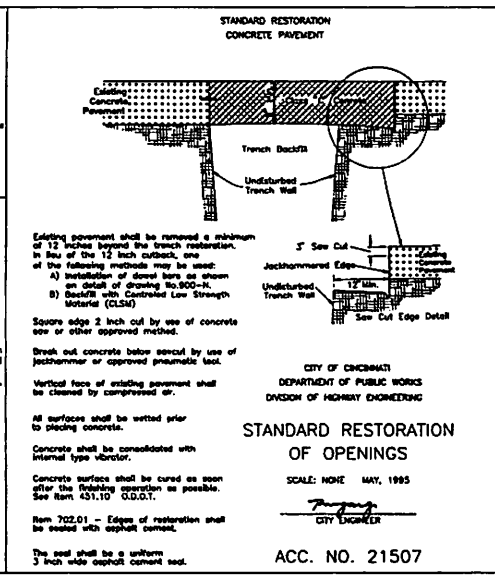
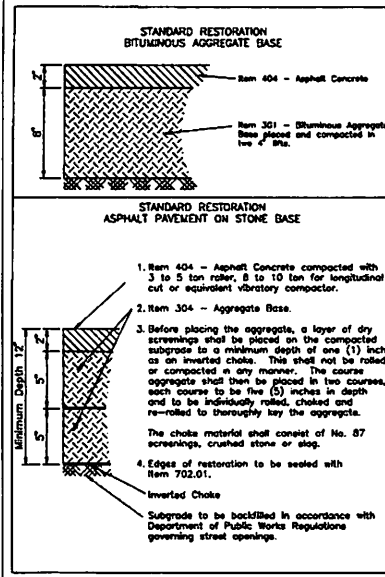
DRAWING NUMBER: CS501
ISSUE: 1



NOTE: SECTION 71-1.13 OF THE CINCINNATI MUNICIPAL CODE PROVIDES THAT ON UNIMPROVED STREETS THE GRADE OF THE DRIVEWAY AT THE PROPERTY LINE SHALL BE DETERMINED BY ASCENDING FROM THE EDGE OF THE TRAVELED ROADWAY AT THE RATE OF 1/2" PER FOOT.



NOTE: R/W= RIGHT OF WAY

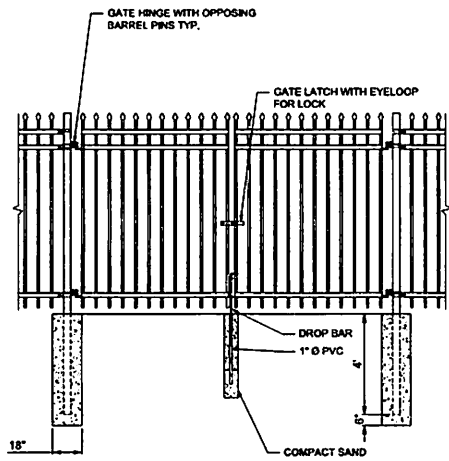


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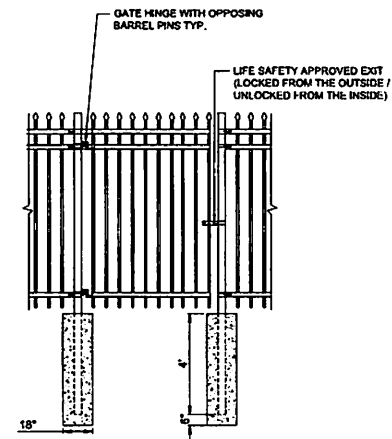
KZF DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202
 main 513.621.8211
 kzf.com

WARM
 STATE OF OHIO
 JACOBS & COOPER
 REGISTERED PROFESSIONAL ENGINEERS
 4/1/92

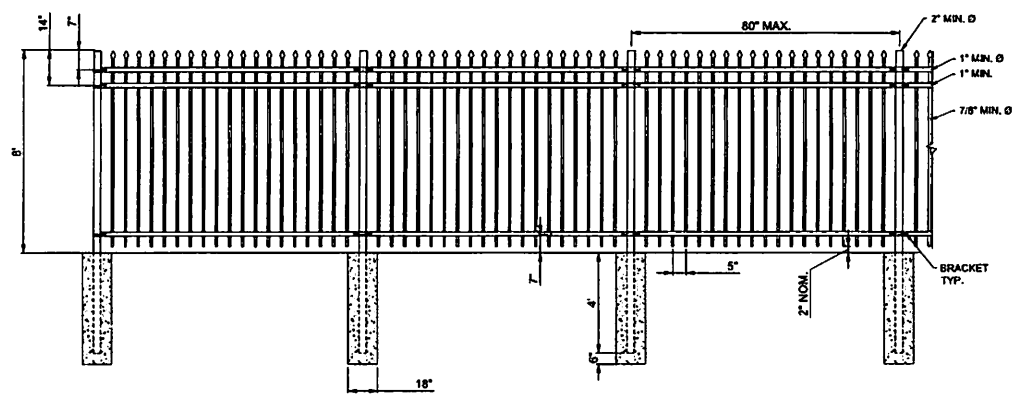
CIVIL SITE DETAILS
 DRAWING NUMBER 1
 CS502



DOUBLE SWING GATE



MAN EGRESS GATE



TYPICAL FENCE LAYOUT

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.

01 BLACK ORNAMENTAL FENCE
 CS503 N.T.S.

DATE: 04/12/22
 DRAWN BY: JACOB W. BROWN
 CHECKED BY: JACOB W. BROWN

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

IDOL WARM
 MADE IN THE UNITED STATES OF AMERICA

STATE OF OHIO
 JACOB W. BROWN
 PEPPER
 PROFESSIONAL ENGINEER
 4/17/22

DESIGNED	JACOB W. BROWN
DRAWN	JACOB W. BROWN
CHECKED	JACOB W. BROWN
DATE	04/12/22
PROJ. NO.	24042

CIVIL SITE DETAILS

DRAWING NUMBER: CS503
 1

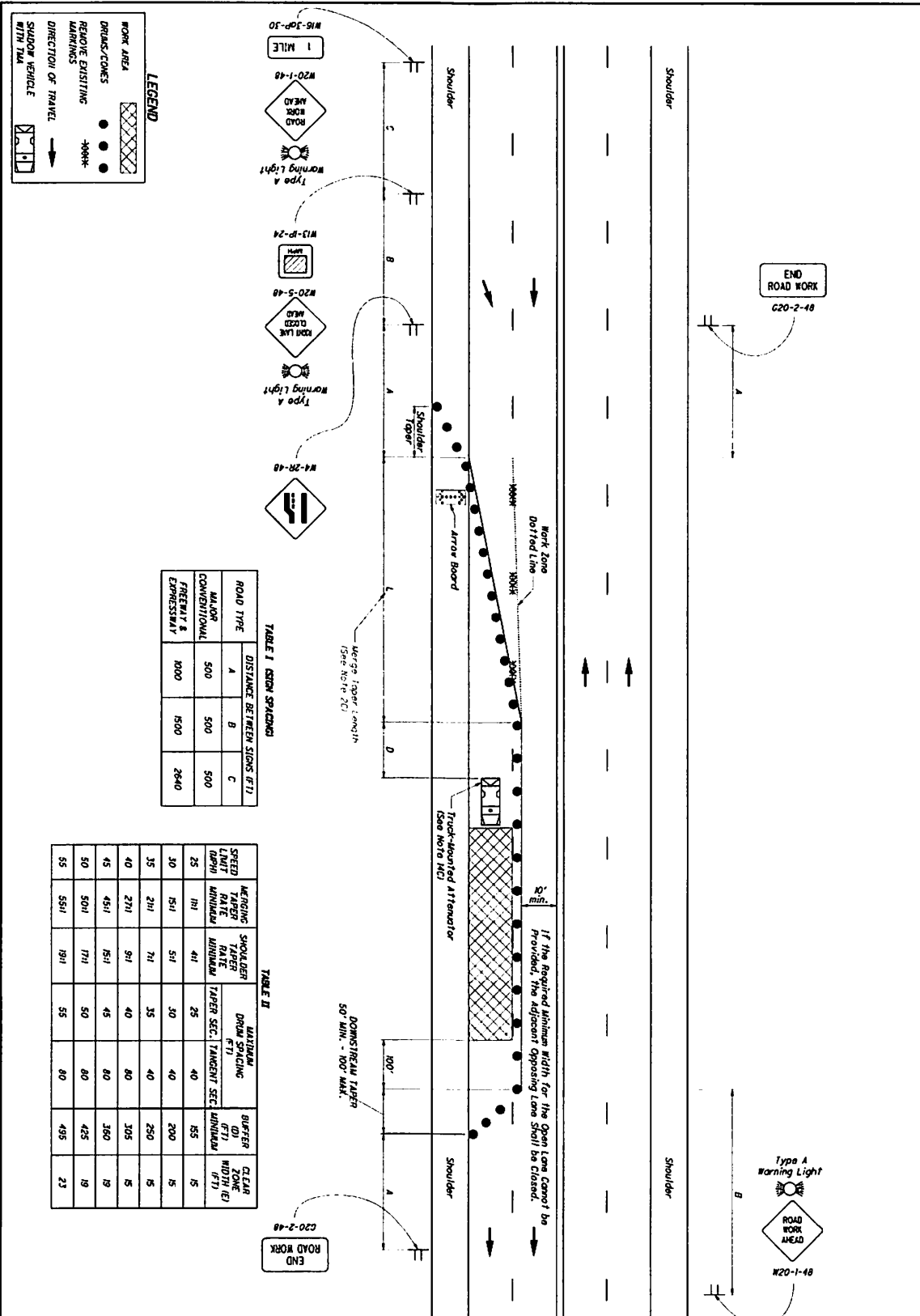


TABLE I CS20 SPACING

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)	MAINTAIN 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	201	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

LEGEND

- WORK AREA: Hatched box
- DRUMS/CONES: Solid circle
- REMOVE EXISTING MARKINGS: Dashed line
- DIRECTION OF TRAVEL: Arrow
- SHADOW VEHICLE WITH TMA: Box with TMA symbol

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

SCD NUMBER: **MT-95.31** STANDARD ROADWAY CONSTRUCTION DRAWING OFFICE OF ROADWAY ENGINEERING STATE OF OHIO DEPARTMENT OF TRANSPORTATION REVISION DATE: 07-19-2019

DESIGNED BY: Soisson DRAWN BY: David L. Holstein

INTERIM INDOOR PRACTICE FACILITY

621 W MEHRING WAY
CINCINNATI, OHIO 45202

KZP-O-SIGN
Engineering Since 1968

KZP DESIGN, INC.
700 Broadway Street
Cincinnati, OH 45202
Phone: 513.621.1211

WARPM
CIVIL SITE DETAILS

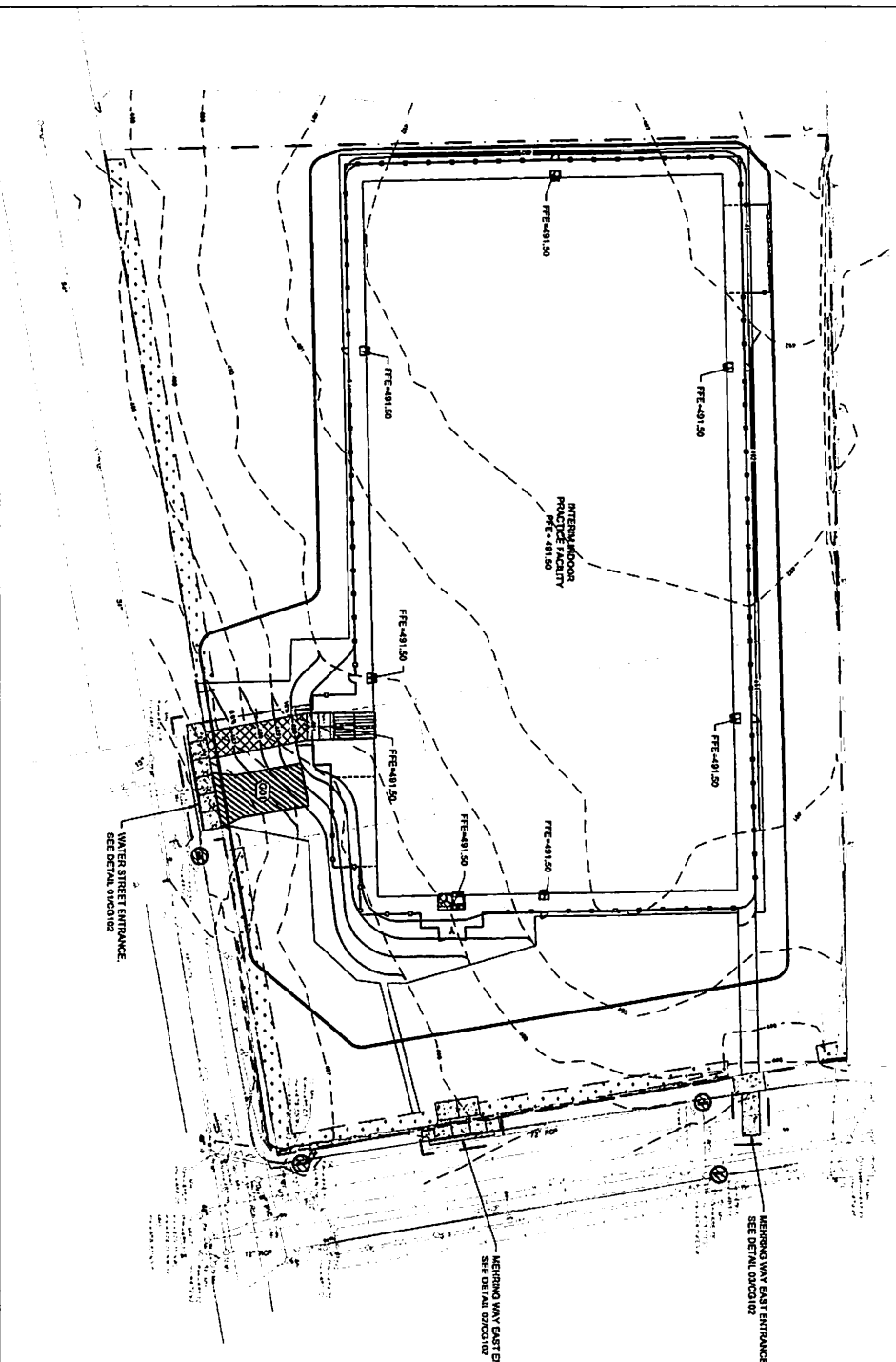
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ISSUE FOR GRADING PERMIT

NO. DATE DESCRIPTION

EROSION CONTROL NOTES

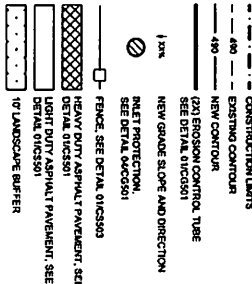
1. THE EROSION CONTROL MEASURES INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
2. THE CONTRACTOR SHALL CONTROL, WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY WILL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WINDS, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNWASHED RAILING MATERIAL, APPROPRIATE TO THE REQUIRED COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
3. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ALL DEBRIS AND OTHER MATERIAL. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ALL DEBRIS AND OTHER MATERIAL. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ALL DEBRIS AND OTHER MATERIAL.
4. ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH SILT FENCE, FILTER FABRIC, OR EQUIVALENT DASHBOARD AS SHOWN ON THESE PLANS.
5. EXCEPT AS PREVENTED BY UNCLE SAM WEATHER CONDITIONS ALL DISTURBED AREAS TO REMAIN BARE FOR MORE THAN 71 DAYS SHALL BE PROTECTED BY EROSION CONTROL MEASURES. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
6. THIS EROSION CONTROL PLAN SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
7. DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
8. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
9. POST-CONSTRUCTION STORM WATER MANAGEMENT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
12. THE EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.



GENERAL NOTES

1. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND MAINTAINED THROUGHOUT CONSTRUCTION.
2. REFER TO SHEETS C3101 FOR SITE LAYOUT.
3. MAINTAIN A 2% MINIMUM CROSS SLOPE.

LEGEND



DRAWING NOTES

1. CONSTRUCTION ENTRANCE, SEE DETAIL 0100301

SCALE 1" = 2'

DATE 11/11/22

PROJECT 621 W MEHRING WAY

DRAWING NO. CG101 1

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

KZF DESIGN
 KZF DESIGN INC.
 700 Dunwoody Street
 Cincinnati, OH 45202
 Phone: 513.221.1811

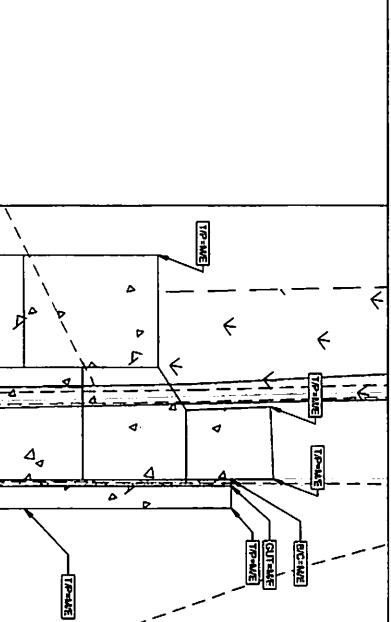
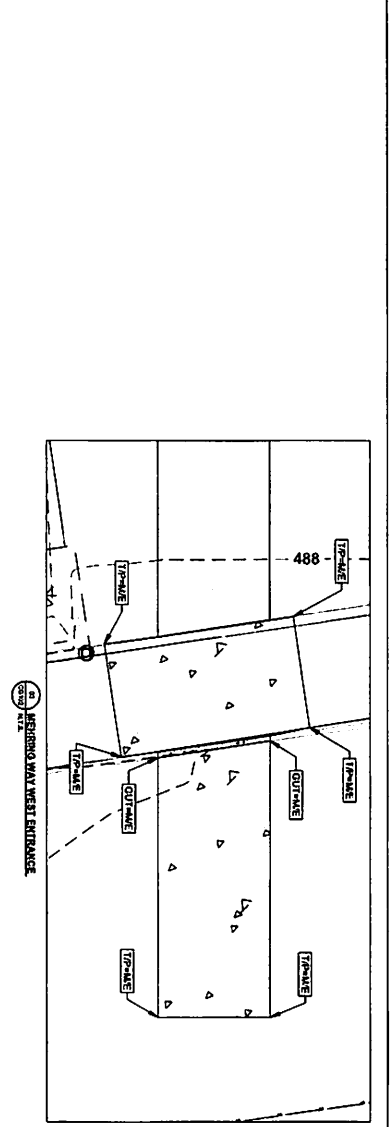
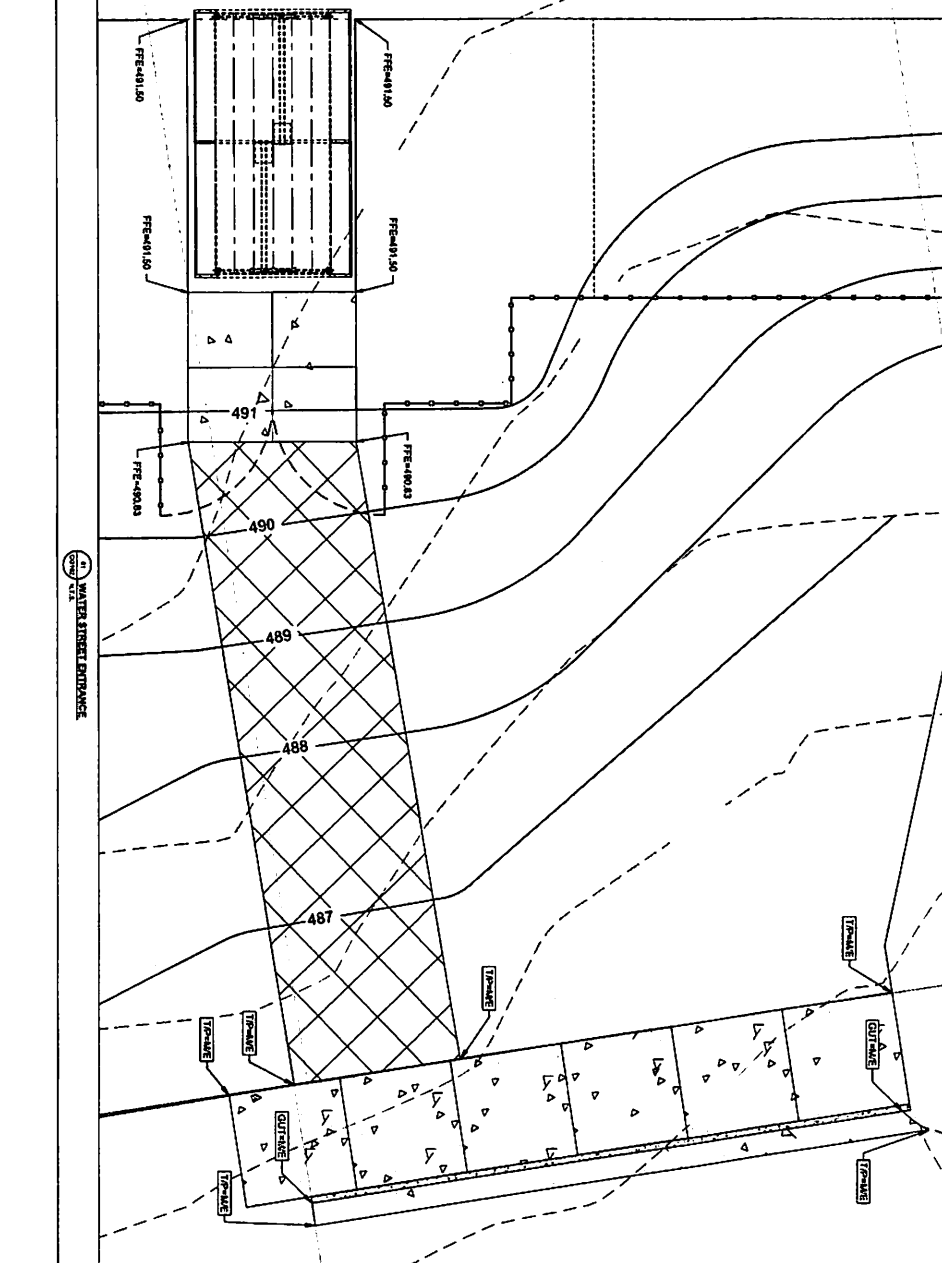
WARREN

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

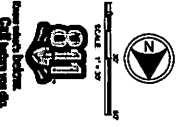
DATE: 11/11/22

CIVIL SITE GRADING PLAN



- 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-PAVE TOP OF PAVEMENT = MATCH EXISTING
 - OUT-PAVE GUTTER = MATCH EXISTING
 - SCAPE BACK OF CURB = MATCH EXISTING



CG-102 1

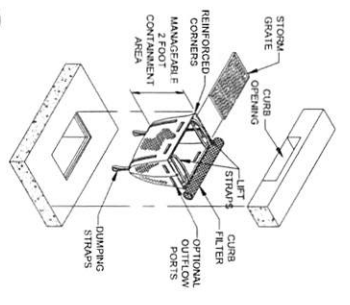
CIVIL DETAILED GRADING



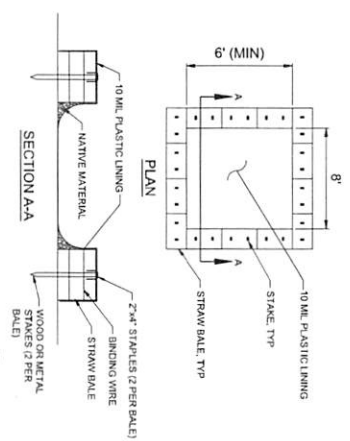
KZF DESIGN
 KZF DESIGN INC.
 770 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.251.1271

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

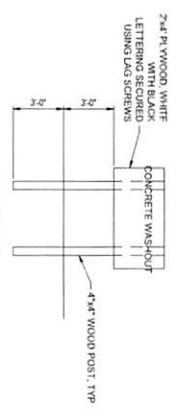
NO.	DATE	DESCRIPTION
1	04/01/2022	ISSUE FOR GRADING PERMIT



04 CURB INLET PROTECTION DETAIL
CG501 N.T.S.

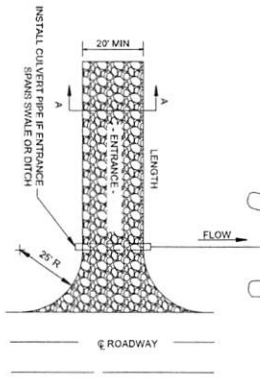


02 CONCRETE TRUCK WASHOUT DETAIL
CG501 N.T.S.



NOTE:
A. SEE PLAN FOR LOCATION
B. CONCRETE SPAN PLACED WITHIN 30' OF WASHOUT FACILITY

STONE CHECK DAM

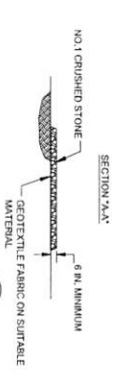


NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED FREE FROM OBSTRUCTION AND TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAYS. THIS MAY REQUIRE DRESSING, BRUSH AND/OR CLEAN UP OF SEDIMENT FROM ENTRANCE AND NEARBY ROADWAYS.
2. WHEN NECESSARY, WHEELS SHALL BE PUBLIC RIGHT OF WAY ENTRANCE ONTO ROADWAYS.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. CLEANING OF ROADWAY IS REQUIRED IF SEDIMENT ACCUMULATES ON ROADWAY.
5. STAKE NOTES:
(1) WIDTH: 20 FEET
(2) LENGTH: 30 FEET

INSTALLATION:

REMOVE ALL VEGETATION AND ANY OBJECTIVE MATERIAL FROM THE FOUNDATION AREA.
INVERT ALL SURFACE RUNOFF AND DRAINAGE FROM STONES TO A SEDIMENT TRAP OR BASIN.
INSTALL A GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.

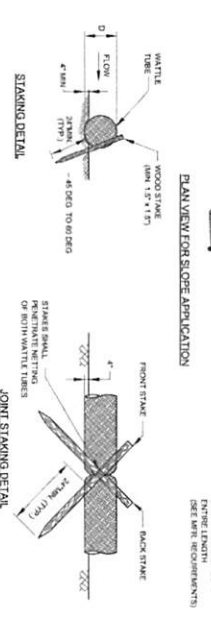
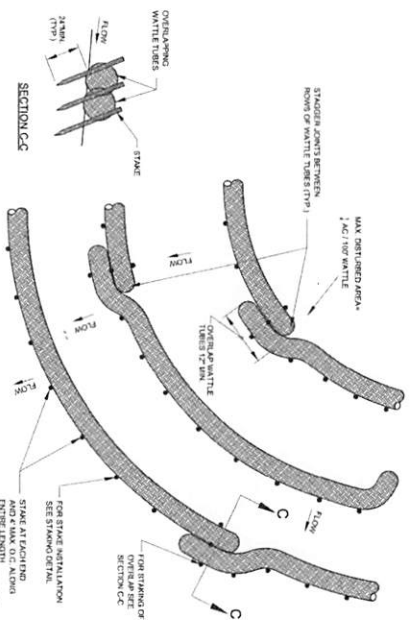
NO.1 CRUSHED STONE



03 CONSTRUCTION ENTRANCE
CG501 N.T.S.

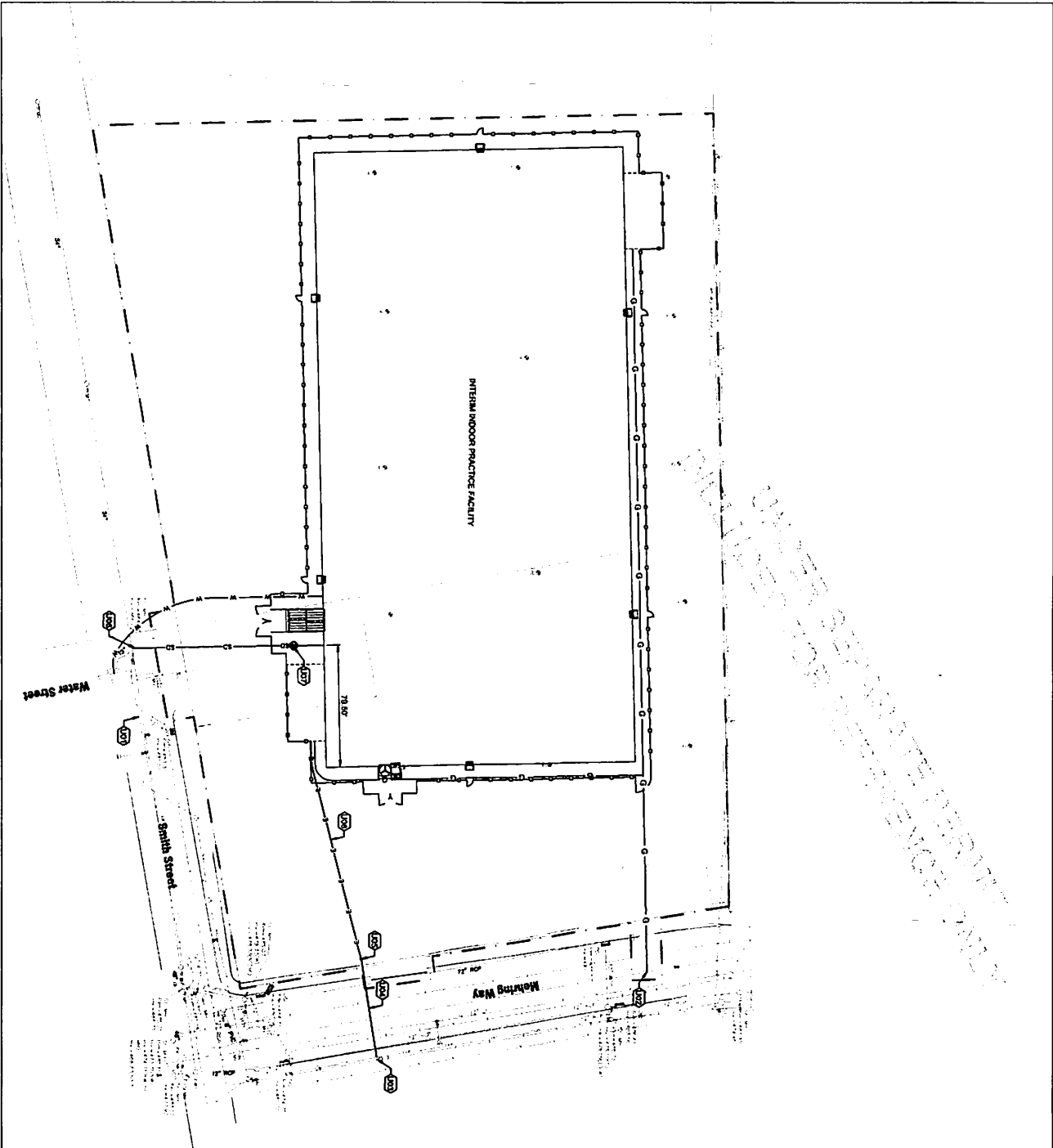
INSPECTION AND MAINTENANCE:

INSPECT ENTRANCES EVERY SEVEN (7) DAYS OR AFTER EACH MAJOR WEATHER EVENT THAT PRODUCES 1/2-INCHES OR MORE OF PRECIPITATION, OR AFTER HEAVY USE OF TRACKING MUD AND WASHING. REPAIRS SHOULD BE MADE IMMEDIATELY.
MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS.
REPAIR THE STONE AND AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
MAINTAIN ADEQUATE AS NEEDED AND AS NECESSARY TO MAINTAIN THE ENTRANCE SHALL BE MAINTAINED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY THE SEDIMENT TRAP OR BASIN. THIS WILL EXTEND THE USEFUL LIFE OF STONE.
IMMEDIATELY REMOVE MUD AND SEDIMENT BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.
INSPECT AND CLEAN SEDIMENT TRAPS IMMEDIATELY FOLLOWING EACH RAINFALL.
DIPPOSE OF SEDIMENT IN A SUITABLE AREA IN SUCH A MANNER THAT IT WILL NOT ERODE.
REMOVE STABILIZED CONSTRUCTION ENTRANCES AS SOON AS THEY ARE NO LONGER NEEDED TO STABILIZE A ROADWAY. SITE SHOULD BE DISTURBED AS FEASIBLE TO PERMIT STABILIZATION APPROPRIATE TO THE SITE.
REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.



NOTE:
1. SEDIMENT TRAPS SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETED AND SITE IS STABILIZED.
2. INSPECTIONS SHALL BE FREQUENT AND REPAIRS REPLACEMENT SHALL BE REQUIRED AS NEEDED.
3. SEDIMENT TRAPS SHALL BE MAINTAINED TO WATER CANNOT PASS THE TRAP.
4. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ENSURE PROPER OPERATION. AFTER THE END OF A STORM EVENT OF 2 INCHES OR GREATER, AND AT LEAST ONCE EVERY FOUR (4) HOURS FOR SEVEN (7) DAYS.
5. SEDIMENT TRAPS SHALL BE MAINTAINED WITH ACCUMULATIONS BELOW THE ABOVE DESIGN LEVEL OF SEDIMENT.

01 CONSTRUCTION ENTRANCE
CG501 N.T.S.



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

--- 02CU01

DRAWING NOTES

U01 T WATER SERVICE TAP. SEE DETAIL 02CU01

U02 GAS SERVICE POINT OF CONNECTION.

U03 COORDINATE WITH DIKE ENERGY

U04 DIKE SHALL PROVIDE NEW AERIAL PRIMARY ELECTRIC HOULTING TO THE NEW POLE

U05 NEW DIKE ELECTRIC UTILITY POLE WITH NEW COORDINATE EXACT POLE LOCATION WITH DIKE

U06 NEW DIKE ELECTRIC UTILITY POLE SHALL BE REMOVED FROM POLE

U07 UNDERGROUND SECONDARY ELECTRIC ROUTING FROM POLE TO PANEL IN ON ELEVATED PLANT

U08 CONCRETE MANHOLE

INTERIM INDOOR PRACTICE FACILITY

621 W MEHRING WAY
CINCINNATI, OHIO 45202

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



CIVIL SITE UTILITIES PLAN

DATE: 04/01/2022

CHECKED: [Signature]

DESIGNED: [Signature]

PROJECT: [Signature]

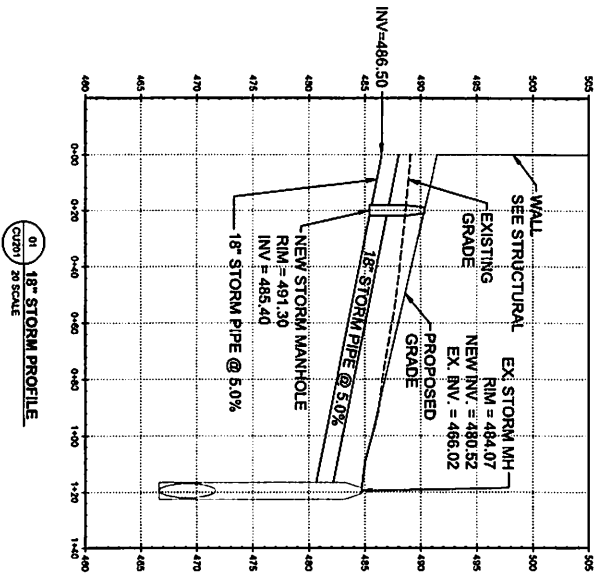
DATE: [Signature]

SCALE: [Signature]

PLANNING NUMBER: 621

CU101

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NO.	DATE	DESCRIPTION

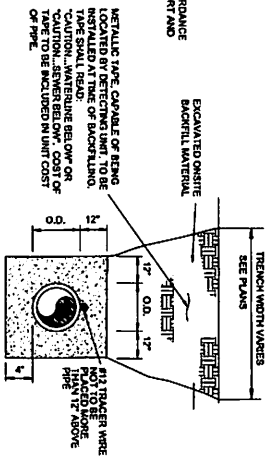
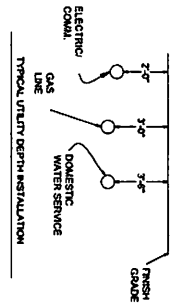
INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202

K&Z DESIGN INC.
 700 Broadway Street
 Cincinnati, OH 45202
 Phone: 513.621.0211
 Fax: 513.621.0211
K&Z
 K&Z DESIGN INC.

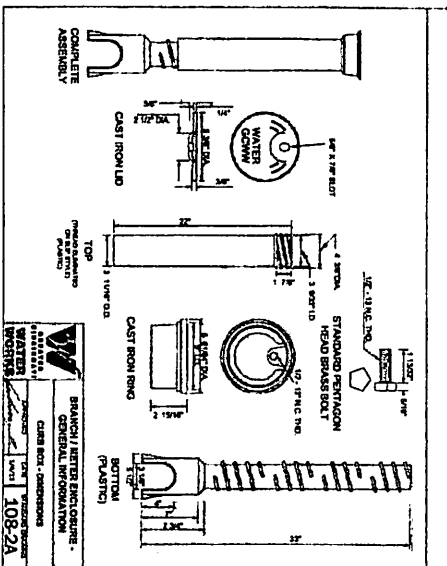
CIVIL UTILITY PROFILES
 DRAWING NUMBER: 04201

NOT FOR CONSTRUCTION

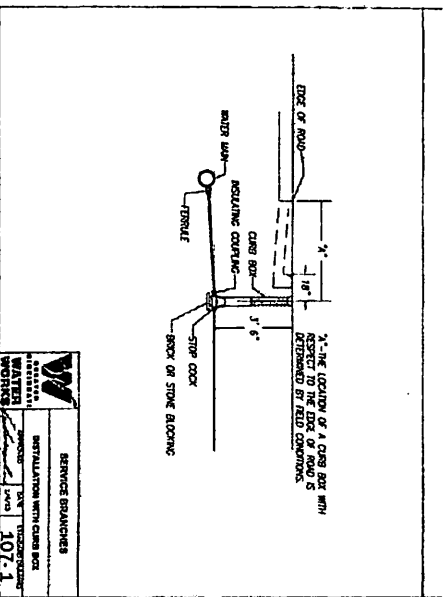
- TRENCH NOTES:**
1. REFER TO STATE OF OHIO DEPARTMENT OF TRANSPORTATION DEPARTMENT OF CONSTRUCTION AND MATERIAL SPECIFICATIONS.
 2. AGGREGATE FOR BEDDING IS NO. 57, NO. 6, AND 01.
 3. EXISTING SITE UTILITIES (OUTSIDE OF BUILDING FOOTPRINT) SHALL BE EXCAVATED TO THE 1" OF GRANULAR FILL. EXCAVATED MATERIAL SHALL BE STOCKPILED TO THE 1" OF GRANULAR FILL.
 4. TYPE B BACKFILL SHALL BE NATURAL SOIL, FREE FROM STONES LARGER THAN 2" ACROSS, TREE ROOTS, LIMBS, BRANCHES, LIMBS, AND OTHER OBSTRUCTIONS. COMPACTION SHALL BE PERFORMED TO 95% OF THE MAXIMUM LABORATORY DRY WEIGHT.
 5. TYPE C BACKFILL SHALL BE NATURAL SOIL, FREE FROM STONES LARGER THAN 2" ACROSS, TREE ROOTS, LIMBS, BRANCHES, LIMBS, AND OTHER OBSTRUCTIONS. COMPACTION SHALL BE PERFORMED TO 95% OF THE MAXIMUM LABORATORY DRY WEIGHT.
 6. THE EXCAVATED TRENCH WITHIN 12' ABOVE THE CONCRETE FOOTING SHALL BE BACKFILLED WITH TYPE A OR TYPE B FROM OR REBATH 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
CDS01 N.T.S.



01 WATER SERVICE DETAILS
CDS01 N.T.S.



04/01/2022 PROGRESS REVIEW SET

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

NO.	DATE	DESCRIPTION

KCF DESIGN
Engineering & Architecture
KCF DESIGN INC.
701 Broadway Street
Cincinnati, OH 45202
phone 513.621.8211
www.kcfdesign.com

URPM
LTD. INC. ESTABLISHED 1942

REVISION: CDS01 NO. 1
DATE: 04/01/2022
DRAWN BY: [blank]
CHECKED BY: [blank]
CONTR: [blank]
SCALE: [blank]

CIVIL UTILITY DETAILS

CDS01

FOR THE STATE OF OHIO

NOT FOR CONSTRUCTION

01 MANHOLE DETAILS
C1501 N.T.S.

Storm Manhole Cover - 120362
City Stormwater Management Engineer
Approved: [Signature]
City Stormwater Management Engineer

Storm Manhole Casting - 120382
City Stormwater Management Engineer
Approved: [Signature]
City Stormwater Management Engineer

General BSM Notes

1. Make dimensions that the project or make from concrete manhole to accordance with the CITY CODE and City Engineers specifications.
2. All structures must meet standard trade dimensions.
3. Block concrete shall be made from sand and gravel.
4. Block joints shall be in a maximum of 1/8".
5. Block walls shall be kept vertical with a maximum 1/8" mortar.
6. Casting shall be set in bed of mortar.
7. Block floors are not permitted.
8. Precast base that be set on a bed of compacted 5/7" mortar.
9. Precast floor shall be a maximum of 1/8".
10. Precast walls shall be a maximum of 1/8".
11. Precast pipe shall be flush with top of concrete base.
12. Pipes shall not enter within 6" of an inside corner.
13. Outer pipe shall not enter within 6" of an inside corner.
14. For manhole conduits with diameter of 6" and smaller see A.C.C. # 12030.
15. For standard conduits, see A.C.C. # 49010.
16. For standard reinforcing steel meet the A.C.C. # 49010.
17. More than 2 hole connections shall not be permitted.
18. Hole connections in a cone section are not permitted.
19. Hole openings in a 6" or smaller section.
20. All reinforcing bars shall clear interior face of wall by 2".
21. For installation of items, a 1" tolerance in either direction is permitted.
22. Measurements for inlet pipes shall be a minimum of 1" and a maximum of 2".

Standard Precast Concrete Manhole Base
Approved: [Signature]
City Stormwater Management Engineer

MANHOLE BASE PLAN

QUANTITY	DESCRIPTION ITEM
48"	A = 0.12 SQ. M./1.14' x 0.12 SQ. M./1.14' (BOHM WAYS)
48"	A = 0.12 SQ. M./1.14' x 0.12 SQ. M./1.14' (BOHM WAYS)
60"	C (CONCRETE) (BOHM WAYS)

DEVELOPED FLOW LINE

PIPE	DIAMETER	A	B	C	D
8" x 8"	18"	44"	5"	2'-2"	1/8"
24"	36"	44"	5"	2'-2"	1/8"
36"	54"	44"	5"	2'-2"	1/8"
48"	72"	44"	5"	2'-2"	1/8"

Standard Precast Concrete Manhole Wall
Approved: [Signature]
City Stormwater Management Engineer

Standard Precast Concrete Manhole Base
Approved: [Signature]
City Stormwater Management Engineer

General BSM Notes

1. All pipes shall be set in a bed of mortar. Any fitting in manhole to be approved.
2. Pipe edges shall be smooth. No jagged edges are permitted.
3. Slope of manhole shall be approved.
4. No protrusions are permitted.
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27. No protrusions are permitted.
28. No protrusions are permitted.
29. No protrusions are permitted.
30. No protrusions are permitted.

NOT FOR CONSTRUCTION

CUS02

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 04/13/2023
PROJECT NO.: 20230001
SHEET NO.: 01 OF 01

WWRN

700 Drexelway Street
Cincinnati, OH 45202
Phone: 513.627.1611

KZF

621 W MEHRING WAY
CINCINNATI, OHIO 45202

INTERIM INDOOR PRACTICE FACILITY


DATE: 04/13/2023
PAGE: 01 OF 01

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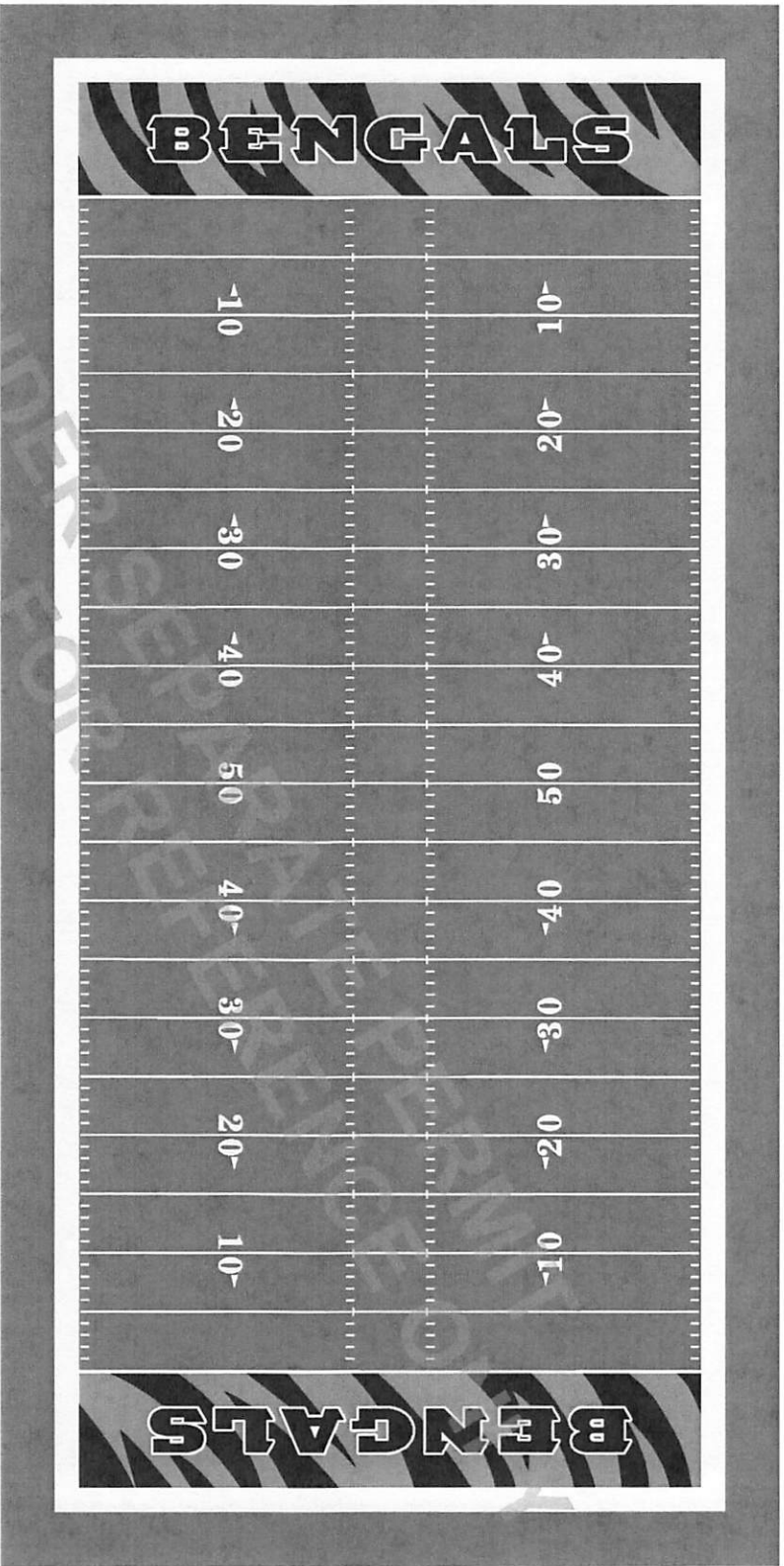
Interim Indoor Practice Facility
 Motz Synthetic Turf Field
 Conceptual Field Marking Plan
 NOT FOR CONSTRUCTION

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 SPORT. THIS WILL DIMENSION 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" (H)

TOTAL TURF AREA = 80,000 FT²

OWNERSHIP OF DOCUMENTS
 THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, ARE AN INSTRUMENT OF PROFESSIONAL SERVICES AND NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORITY OF THE MOTZ GROUP CINCINNATI, OH, USA

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

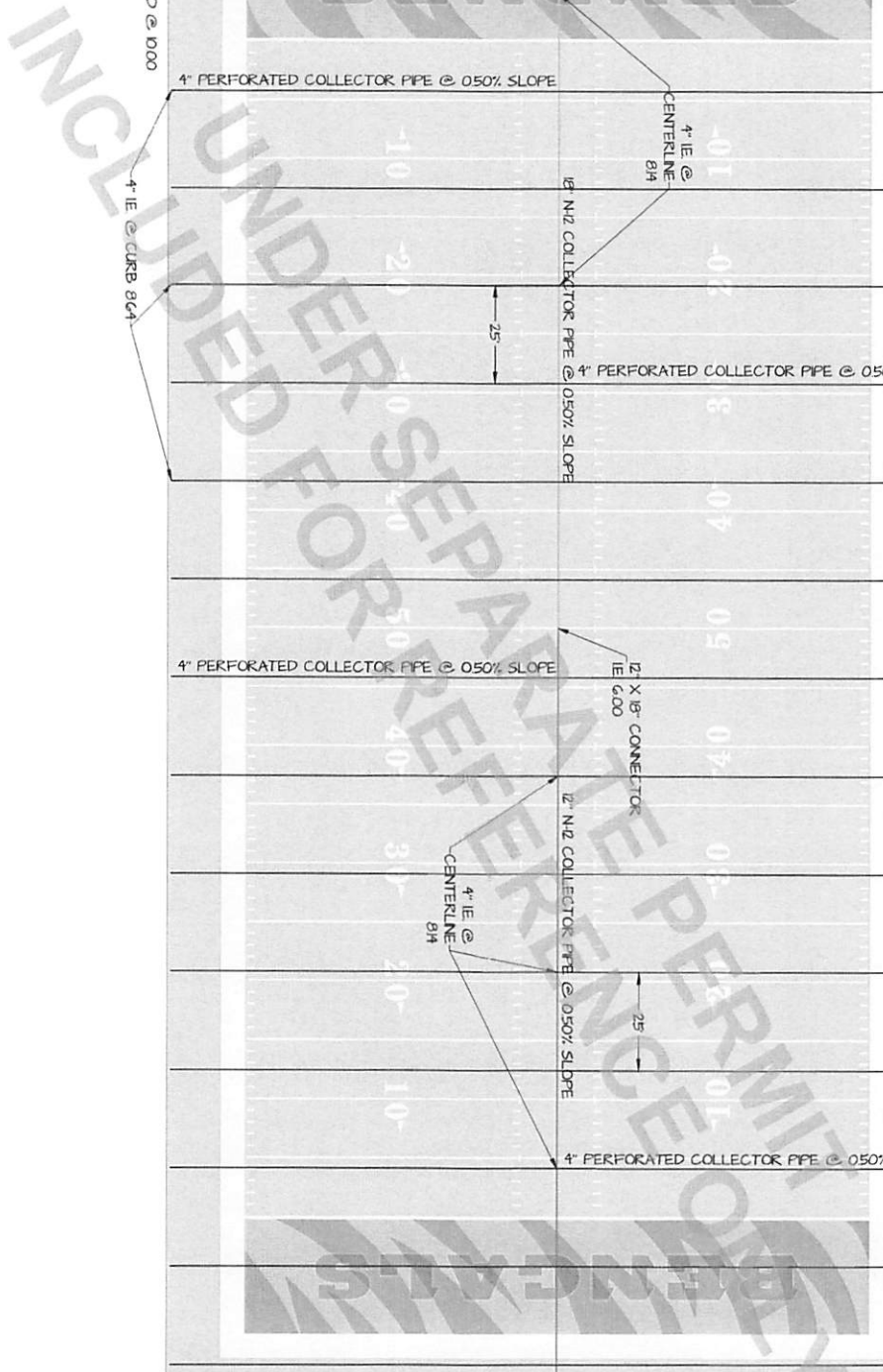
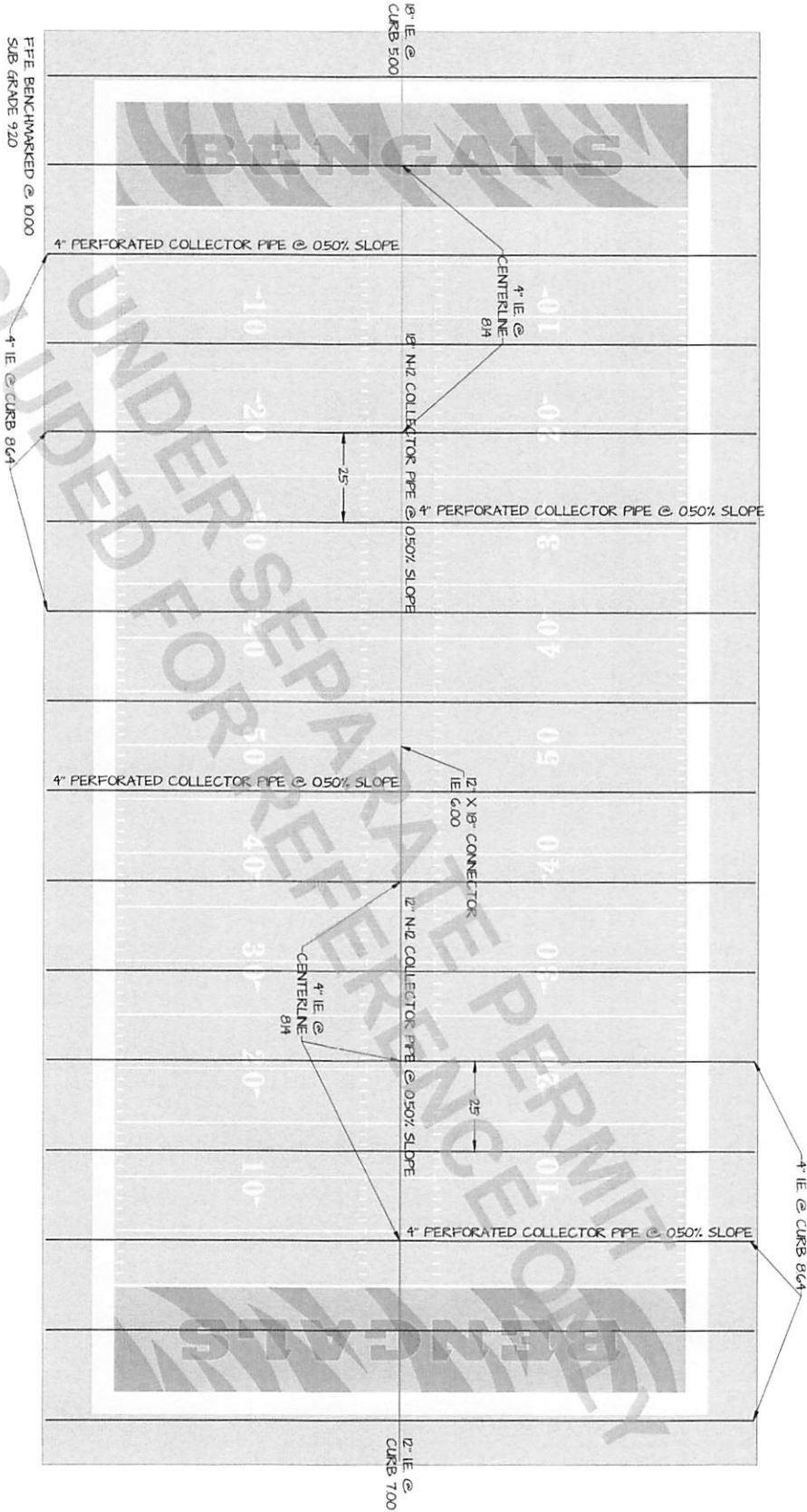
PROJECT ADDRESS
 Interim Indoor Practice Facility Cincinnati, OH

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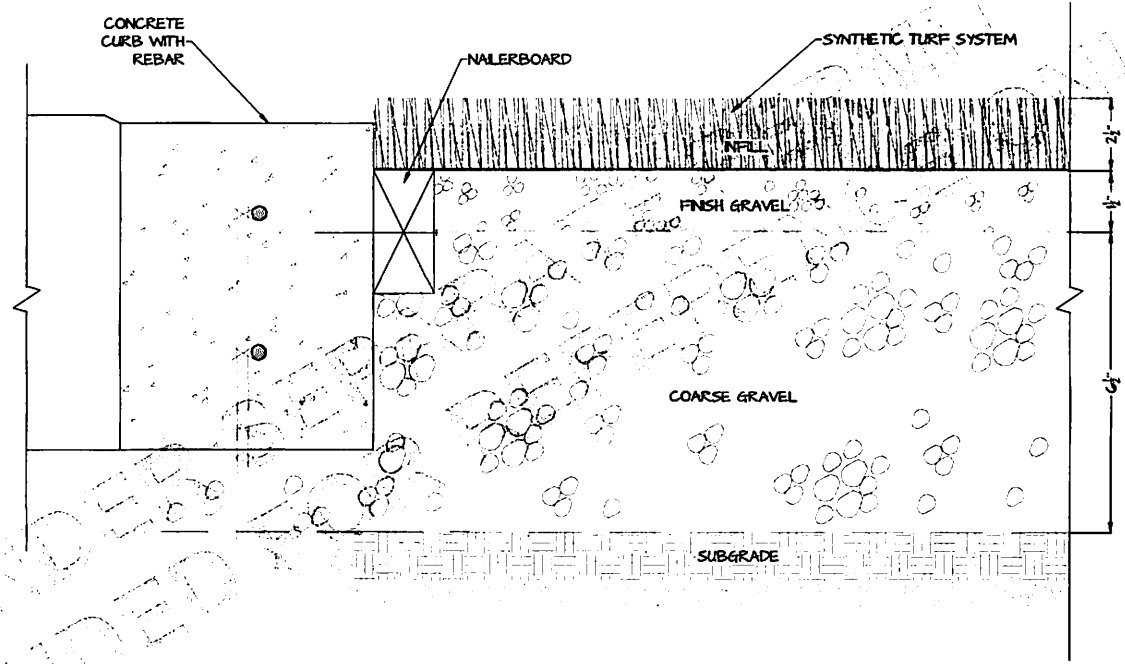
Interim Indoor Practice Facility
 Motz Synthetic Turf Field Curb Detail
NOT FOR CONSTRUCTION

PROJECT ADDRESS
 Interim Indoor Practice Facility
 Cincinnati, OH

PROJECT PHASE
 Design Development

NORTH  SCALE
 NTS

DATE 03/29/2022 SHEET PF2.1



UNDESIGNED
 INCLUDED

GENERAL NOTES

1. THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS IN STRICT ACCORDANCE WITH THE SAFETY REGULATIONS ISSUED BY THE OWNER AND COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING THIS WORK. THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE OWNER'S PROPERTY AND DISCARD ACCORDING TO LOCAL REGULATIONS.
2. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND SHALL BE FULLY SELF-SUPPORTING FROM THE FOUNDATION TO THE ROOF. ALL TEMPORARY BRACING, SHORING, AND SCAFFOLDING SHALL BE DESIGNED TO BE REMOVED AT THE END OF CONSTRUCTION. ALL TEMPORARY BRACING, SHORING, AND SCAFFOLDING SHALL BE REMOVED AT THE END OF CONSTRUCTION. ALL TEMPORARY BRACING, SHORING, AND SCAFFOLDING SHALL BE REMOVED AT THE END OF CONSTRUCTION. ALL TEMPORARY BRACING, SHORING, AND SCAFFOLDING SHALL BE REMOVED AT THE END OF CONSTRUCTION.
3. EXISTING UTILITIES AND ALL OTHER OBSTRUCTIONS TO WORK SHALL BE TEMPORARILY REMOVED AND REINSTALLED (INCLUDING NECESSARY ADJUSTMENTS) BY THE CONTRACTOR AFTER COMPLETION OF NEW WORK. SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO ANY FABRICATION, CONSTRUCTION OR DEMOLITION.
4. ALL DETAILS, SECTIONS, AND NOTES PROVIDED ON STRUCTURAL DRAWINGS ARE INTENDED TO BE TYPICAL FOR SIMILAR SITUATIONS EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE TO FACE UNLESS OTHERWISE NOTED. ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE TO FACE UNLESS OTHERWISE NOTED. ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE TO FACE UNLESS OTHERWISE NOTED.
5. OPENING SIZES AND LOCATIONS SHOWN FOR PIPES, DUCTS, ETC. ARE SHOWN FOR FIELD FOR OTHER PURPOSES. ALL OPENINGS SHALL BE FIELD FOR OTHER PURPOSES. ALL OPENINGS SHALL BE FIELD FOR OTHER PURPOSES. ALL OPENINGS SHALL BE FIELD FOR OTHER PURPOSES.
6. ALL REINFORCING BARS SHALL BE PROVIDED FOR ALL REINFORCING BARS. ALL REINFORCING BARS SHALL BE PROVIDED FOR ALL REINFORCING BARS. ALL REINFORCING BARS SHALL BE PROVIDED FOR ALL REINFORCING BARS.
7. ALL SPECIAL INSPECTIONS REQUIRED BY THE BUILDING OFFICIAL SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPLICABLE EDITIONS OF THE GOVERNING BUILDING CODE. REFER TO SHEET 1001 FOR SPECIAL INSPECTIONS AND SUBMITTALS REQUIREMENTS.
8. REFER TO SHEET 1001 FOR SPECIAL INSPECTIONS AND SUBMITTALS REQUIREMENTS. REFER TO SHEET 1001 FOR SPECIAL INSPECTIONS AND SUBMITTALS REQUIREMENTS. REFER TO SHEET 1001 FOR SPECIAL INSPECTIONS AND SUBMITTALS REQUIREMENTS.
9. ALL FOUNDATION WORK SHALL BE PROVIDED FOR ALL FOUNDATION WORK. ALL FOUNDATION WORK SHALL BE PROVIDED FOR ALL FOUNDATION WORK. ALL FOUNDATION WORK SHALL BE PROVIDED FOR ALL FOUNDATION WORK.
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FOUNDATIONS

1. ALL EXCAVATION WORK SHALL PROCEED WITH CAUTION TO AVOID DAMAGE TO UNKNOWN UNDERGROUND UTILITIES.
2. THE FOUNDATION DESIGN IS BASED UPON THE RECOMMENDATIONS CONTAINED IN THE REPORT DATED 12/20/21. CONTRACTOR SHALL REVIEW ENTIRE GEOTECHNICAL INVESTIGATION REPORT PRIOR TO EXCAVATION WORK.
3. ALL EXCAVATIONS AND TIE-BACKS SHALL BE PERFORMED ACCORDING TO THE ABOVE RECOMMENDATIONS AND SHALL BE PROVIDED FOR ALL EXCAVATIONS AND TIE-BACKS.
4. ALL EXCAVATIONS SHALL BE INSPECTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER, OR AN APPROVED GEOTECHNICAL TESTING AGENCY TO VERIFY THE PROPER CONSTRUCTION AND DESIGN FROM THE DESIGN ENGINEER. THE FOUNDATION CONCRETE SHALL BE PLACED AND CURED ACCORDING TO THE RECOMMENDATIONS CONTAINED IN THE REPORT DATED 12/20/21. CONTRACTOR SHALL REVIEW ENTIRE GEOTECHNICAL INVESTIGATION REPORT PRIOR TO EXCAVATION WORK.
5. EXCAVATIONS SHALL BE PROVIDED FOR ALL EXCAVATIONS AND TIE-BACKS. EXCAVATIONS SHALL BE PROVIDED FOR ALL EXCAVATIONS AND TIE-BACKS. EXCAVATIONS SHALL BE PROVIDED FOR ALL EXCAVATIONS AND TIE-BACKS.
6. ALL FOUNDATION BEARING CAPACITIES SHALL BE UNLIMITED LEVEL WITHIN 1 IN 12 FROM THE DESIGN ELEVATION. ALL FOUNDATION BEARING CAPACITIES SHALL BE UNLIMITED LEVEL WITHIN 1 IN 12 FROM THE DESIGN ELEVATION. ALL FOUNDATION BEARING CAPACITIES SHALL BE UNLIMITED LEVEL WITHIN 1 IN 12 FROM THE DESIGN ELEVATION.
7. ALL ANCHOR BOLTS AND CABLE ANCHORS SHALL BE SET BY A TEMPORARY METHOD PRIOR TO CONCRETE PLACEMENT.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ACI 308, ACI 309, AND ACI 318. ALL CONCRETE SHALL BE PROVIDED FOR ALL CONCRETE WORK. ALL CONCRETE SHALL BE PROVIDED FOR ALL CONCRETE WORK. ALL CONCRETE SHALL BE PROVIDED FOR ALL CONCRETE WORK.
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STRUCTURAL STEEL

1. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT AISC 360 SPECIFICATION FOR STRUCTURAL STEEL FABRICATION AND CONSTRUCTION. ALL FABRICATION AND CONSTRUCTION SHALL BE PROVIDED FOR ALL FABRICATION AND CONSTRUCTION.
2. ALL FABRICATION AND CONSTRUCTION SHALL BE PROVIDED FOR ALL FABRICATION AND CONSTRUCTION. ALL FABRICATION AND CONSTRUCTION SHALL BE PROVIDED FOR ALL FABRICATION AND CONSTRUCTION.
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SHOP DRAWINGS AND SUBMITTALS

1. SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE PROJECT AND PREPARED BY THE CONTRACTOR SHALL BE PROVIDED FOR ALL SHOP DRAWINGS AND SUBMITTALS.
2. ALL SHOP DRAWINGS AND SUBMITTALS SHALL BE PROVIDED FOR ALL SHOP DRAWINGS AND SUBMITTALS. ALL SHOP DRAWINGS AND SUBMITTALS SHALL BE PROVIDED FOR ALL SHOP DRAWINGS AND SUBMITTALS.
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INTERIM INDOOR PRACTICE FACILITY
621 W Mehring Way
Cincinnati, OH 45202

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KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
Phone: 513.271.4311
kzf.com

GENERAL NOTES
DRAWING NUMBER: 1001
DATE: 12/20/21
SCALE: AS SHOWN
S-001

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					
A. WELDING PROCEDURE SPECIFICATIONS (WPS'S) ARE AVAILABLE	X			AWSC 300 NS.4	
B. WELDING CERTIFICATIONS FOR CONSUMABLES ARE AVAILABLE	X			AWSC D1.1 (6.3)	
C. MATERIAL IDENTIFICATION (PROPER TYPE/GRADE OF ALL MATERIALS AND CONSUMABLES)		X		AWSC D1.1 (8.2)	
D. WELDER IDENTIFICATION SYSTEM		X		AWSC 360 NS.4	
E. FIT-UP OF GROOVE WELDS		X		AWSC D1.1 (8.10, 5.15, 5.18, 5.22, 6.8.2)	
F. CONFIGURATION AND FINISH OF ACCESS HOLES		X		AWSC D1.1 (5.17, 5.22)	
G. FIT-UP OF FILLET WELDS		X		AWSC D1.1 (8.15, 5.18, 5.22.1)	
2. DURING WELDING					
A. USE OF QUALIFIED WELDERS		X		AWSC D1.1 (6.4)	
B. CONTROL AND HANDLING OF CONSUMABLES (PACKAGING, EXPOSURE CONTROL)		X		AWSC D1.1 (5.3, 6.2)	
C. NO WELDING OVER CRACKED TACK WELDS		X		AWSC D1.1 (5.18)	
D. ENVIRONMENTAL (WIND SPEED, PRECIPITATION, AND TEMPERATURE WITHIN LIMITS)		X		AWSC 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, FLOWING)		X		AWSC 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		AWSC D1.1 (6.24, 5.30.1, 6.5.2, 6.5.3)	
3. AFTER WELDING					
A. WELDS CLEANED		X		AWSC D1.1 (5.20.1)	
B. SIZE, LENGTH, AND LOCATION OF WELDS	X			AWSC D1.1 (6.5.1)	
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA (CRACK PROHIBITION; WELD BESE METAL FUSION; CRATER CROSS SECTION; WELD PROFILES; WELD SIZE; UNDERCUT; POROSITY)	X			AWSC D1.1 (6.1, 6.5.3)	
D. ARC STRIKES	X			AWSC D1.1 (5.20)	
E. K-AREA: VISUALLY INSPECT FOR CRACKING IN WEB WITHIN 3" OF WELDS LOCATED BY K-AREA	X			AWSC 360 NS.4	
F. BACKING AND WELD TAGS REMOVED IF REQUIRED	X			AWSC D1.1 (5.10, 5.31)	
G. REPAIR ACTIVITIES	X			AWSC D1.1 (5.26, 6.5.3)	
H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X			AWSC D1.1 (6.5.4, 6.5.5)	
NOTES:					
1. SPECIAL INSPECTORS SHALL COMPLETE ALL TASKS ASSIGNED TO 'QUALITY ASSURANCE' IN AWSC 300 CHAPTER 11.					
2. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR WORK COMPLETED IN THE SHOP BY AN AWS CERTIFIED FABRICATOR. THIS DOES NOT RELIEVE THE FABRICATOR FROM INSPECTIONS REQUIRED BY THE AWS CERTIFICATION PROGRAM, NOR FROM AWS 300 'QUALITY CONTROL' INSPECTIONS.					
3. FOR FULLER EXPLANATION OF WELDING STANDARDS FOR INSPECTION, REFER TO COMMENTARY OF AWS 300.					

UNLESS SPECIALLY NOTED, THIS DRAWING IS TO BE USED FOR INFORMATION ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.

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

NOT FOR CONSTRUCTION

UNDER SEPARATE PERMIT
INCLUDED FOR REFERENCE ONLY

STRUCTURAL DESIGN DATA

GOVERNING DESIGN SPECIFICATION
2017 OHIO BUILDING CODE

RISK CATEGORY

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

FLOOR LIVE LOADS

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

SNOW LOAD DESIGN DATA

ROOF SNOW LOAD:

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

WIND LOAD DESIGN DATA

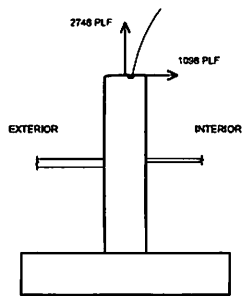
WIND LOAD:

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

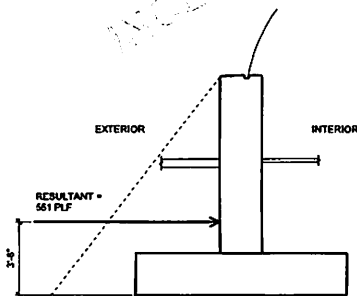
SEISMIC LOAD DESIGN DATA

EARTHQUAKE DESIGN DATA:

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



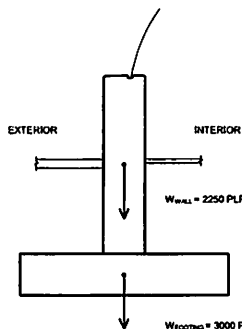
WIND LOADS



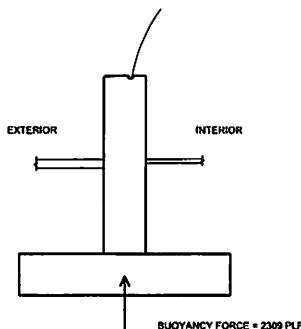
HYDROSTATIC LOADS

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"

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

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Designing Better Futures

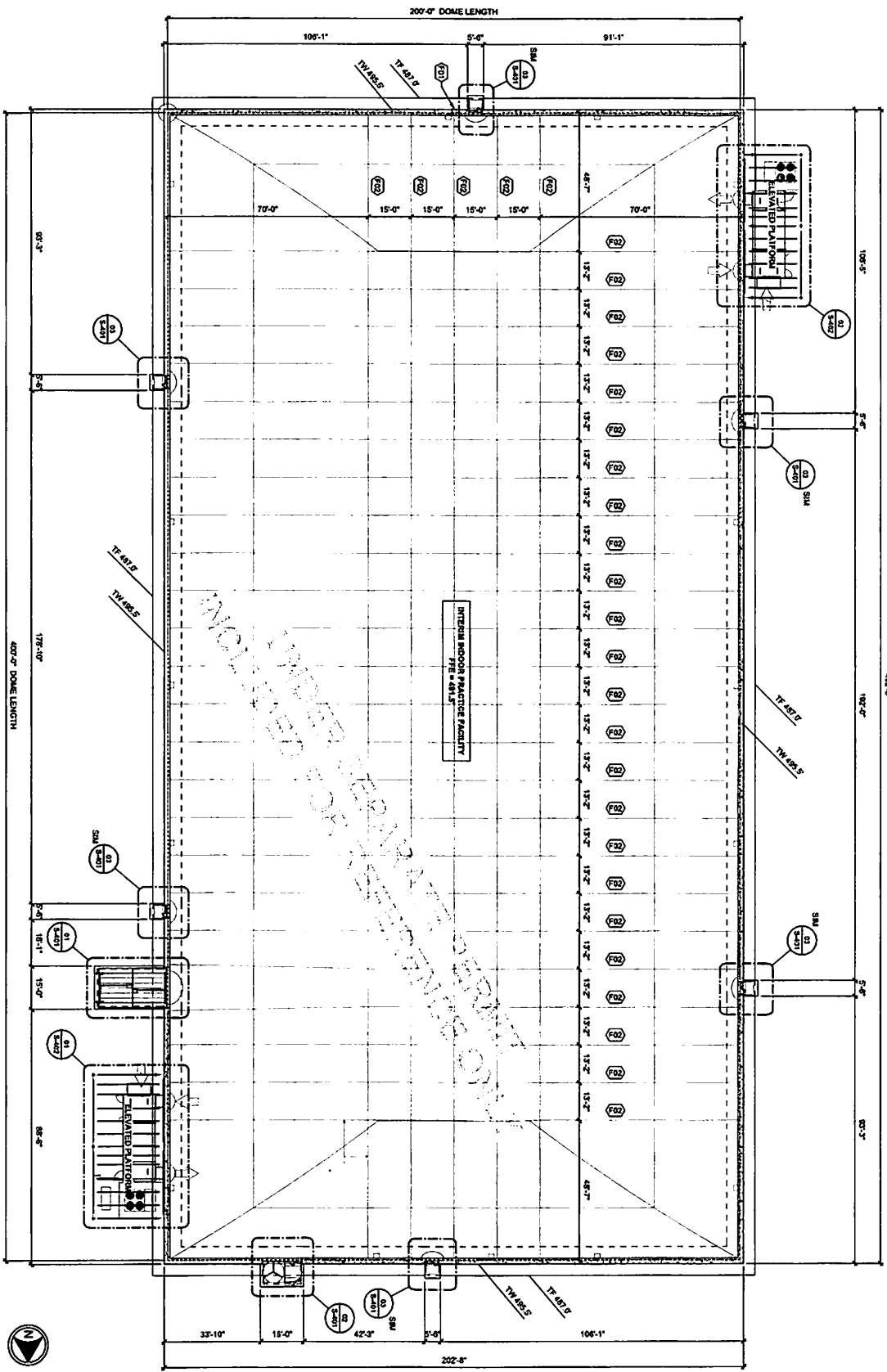
KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED	DATE
CHECKED	DATE
APPROVED	DATE

DESIGN DATA
AND LOADING
DIAGRAMS

DRAWING NUMBER ISSUE
S-003



○ DRAWING NOTES
 F01 WALL PENETRATION OF 1/2" DIA. COLLECTOR PIPE. REFER CHAL FOR PENETRATION DETAIL. REFER DETAIL 005-501 FOR ROUND WALL PENETRATION DETAIL.
 F02 CABLE ATTACHMENT. REFER DETAIL 005-502 FOR ANCHOR AND SUPPLEMENTAL REINFORCEMENT.

GENERAL NOTES

○ FOUNDATION PLAN
 S-101 1/8" = 1'-0"

04-01-2022 PROGRESS REVIEW SET

FOUNDATION PLAN
 S-101

DESIGNED BY: [blank]
 CHECKED BY: [blank]
 DATE: [blank]
 SCALE: [blank]
 SHEET NO.: [blank]
 TOTAL SHEETS: [blank]

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 Drawing Based Facility
 KZF DESIGN INC.
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 Cincinnati, OH 45202
 PH: 513.261.0211
 KZF.com

INTERIM INDOOR PRACTICE FACILITY
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 Cincinnati, OH 45202

NO.	DATE	DESCRIPTION

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UPPER LEVEL AIR FLOW PERMIT
REVISIONS FOR REVISIONS ONLY

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EDWARD BAUMER SEALS
S-201

REGISTERED - CIVIL NO.
No. 10517
Exp. 07/17
COUNCIL - MISSOURI
State - MOULTON

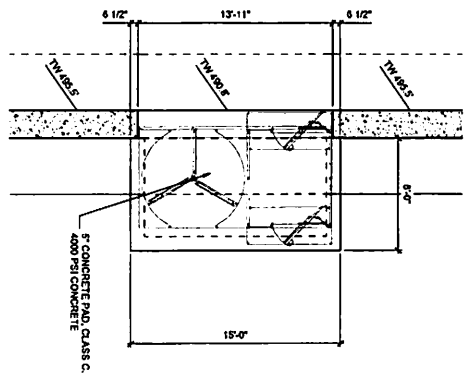
WALL
ELEVATIONS

KZF DESIGN
Architectural & Engineering
KZF DESIGN INC.
703 Broadway Street
Cincinnati, OH 45202
Phone 513.621.0211
kzf.com

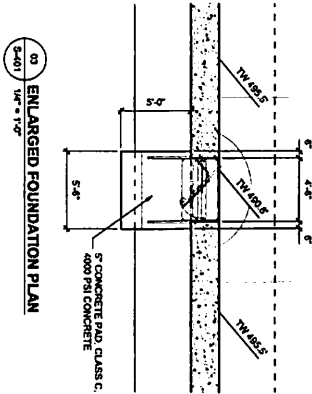
INTERIM INDOOR PRACTICE FACILITY
621 W Mehring Way
Cincinnati, OH 45202

NO.	DATE	DESCRIPTION

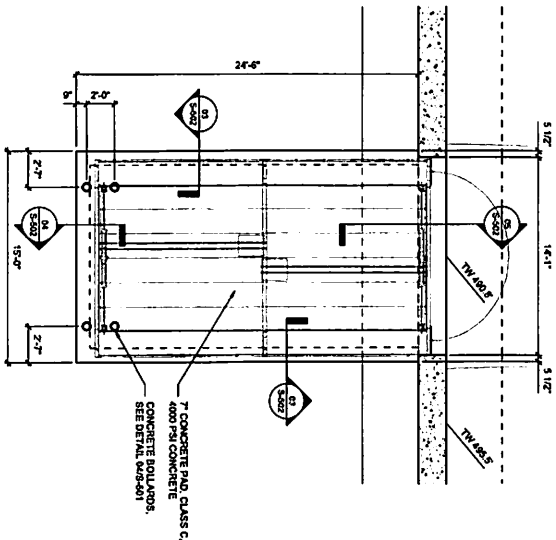
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN FEET AND INCHES. FRACTIONS SHALL BE IN 16THS OF AN INCH. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.



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



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



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

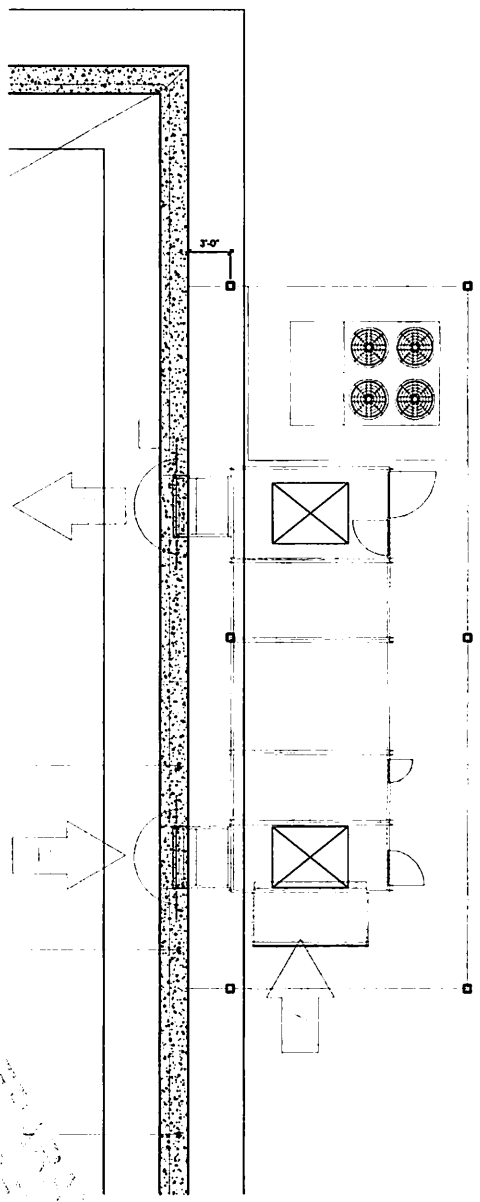
INTERIM INDOOR PRACTICE FACILITY
621 W Mehring Way
Cincinnati, OH 45202

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KZF DESIGN INC.
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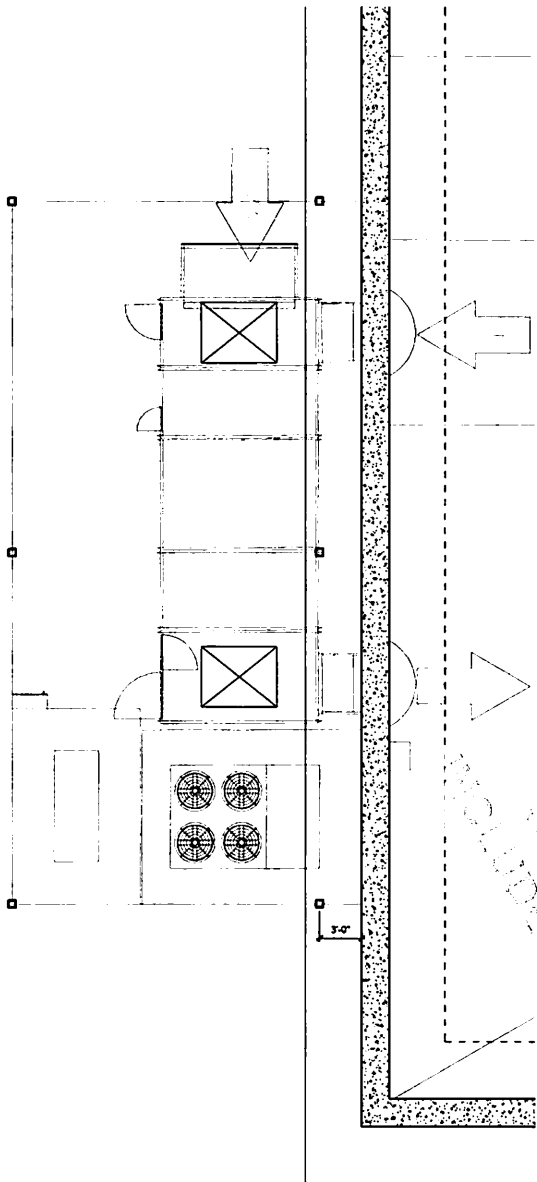
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DATE: 05/13/22
DRAWN BY: JMM
CHECKED BY: JMM
DATE: 05/13/22
ENLARGED DOOR FOUNDATION PLANS

S-401

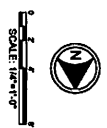
04-01-2022 PROGRESS REVIEW SET



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



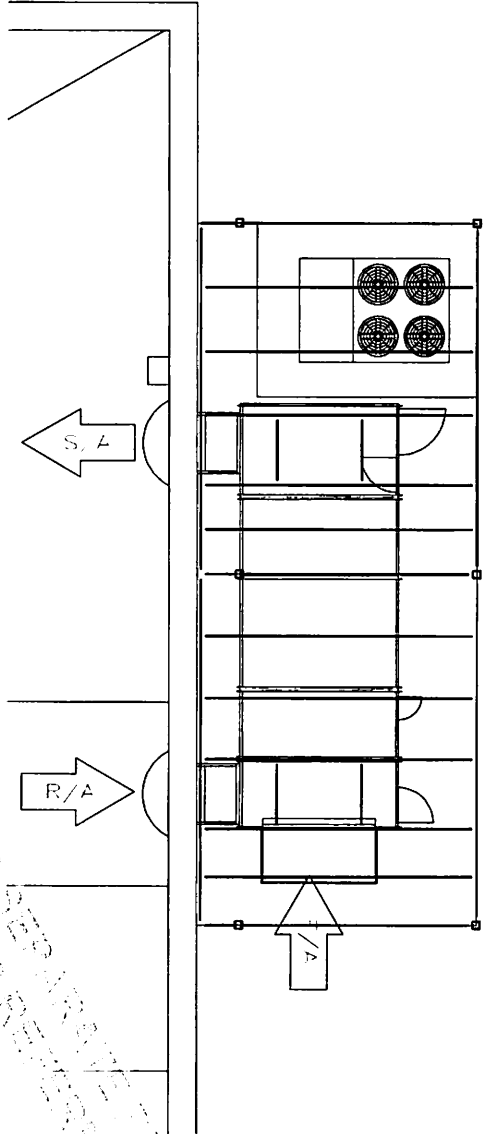
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SCALE: 1/4" = 1'-0"



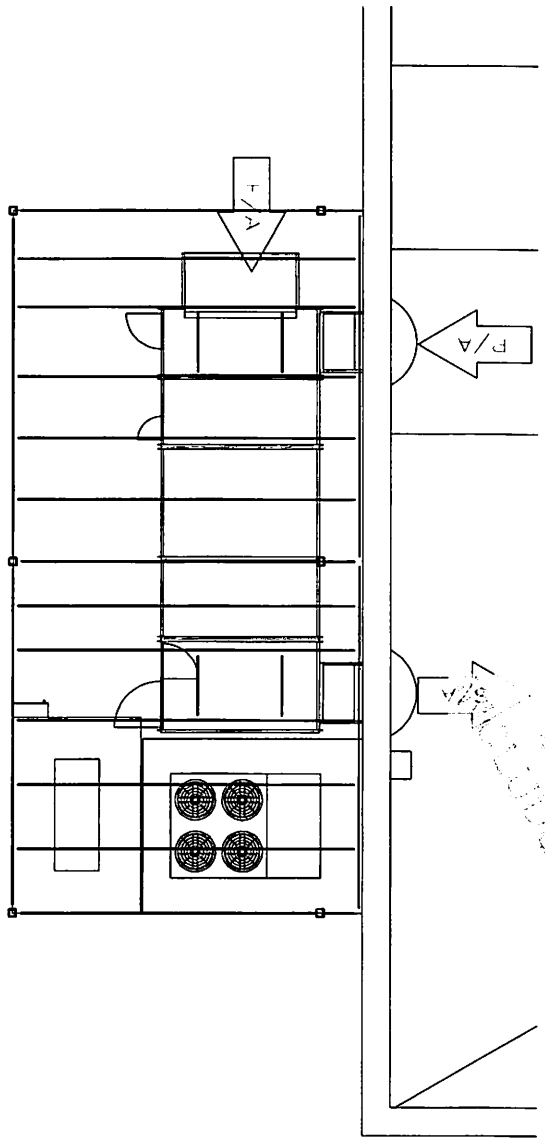
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Designing Better Buildings
KZF DESIGN INC.
770 Drexelbury Street
Cincinnati, OH 45202
Phone: 513.821.8211
kzf.com

REVISIONS
NO. DATE DESCRIPTION
BY: [blank]
DATE: [blank]
CHECKED: [blank]
ENLARGED PLATFORM FOUNDATION PLANS
DRAWING NUMBER: 04-01-2022
S-402

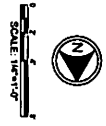
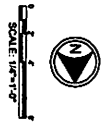


03 ENLARGED PLATFORM FRAMING PLAN
SCALE: 1/8" = 1'-0"



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

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
 DATE 08-14-2018 BY 60322 UCBAW/STP/STP



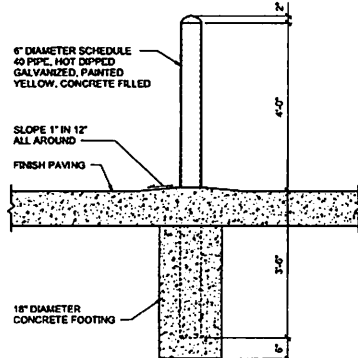
INTERIM INDOOR PRACTICE FACILITY
 621 W Mehring Way
 Cincinnati, OH 45202

KZF DESIGN
 Consulting Architectural Firm
 KZF DESIGN INC.
 709 Broadway Street
 Cincinnati, OH 45202
 phone 513.621.0211
 kzf.com

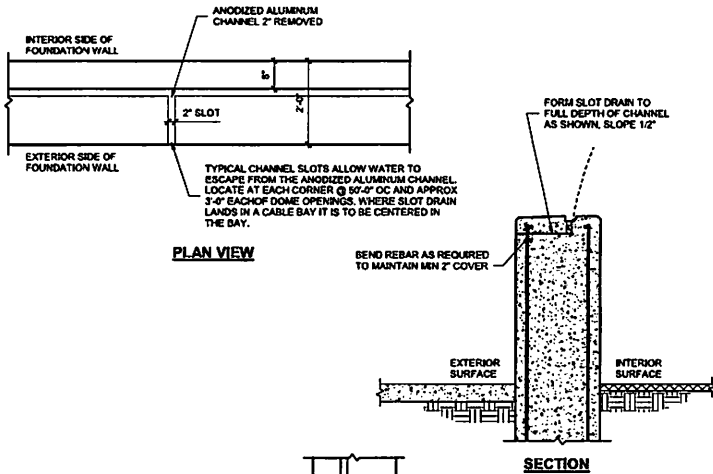
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04-01-2022 PROGRESS REVIEW SET

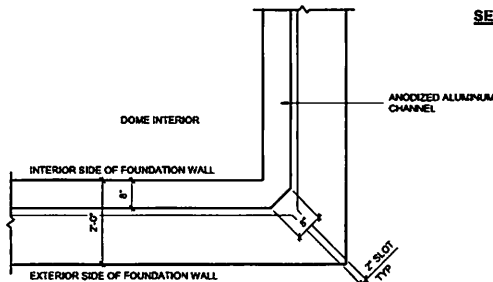
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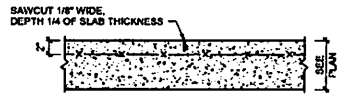
09 PIPE GUARD DETAIL
S-501 NTS



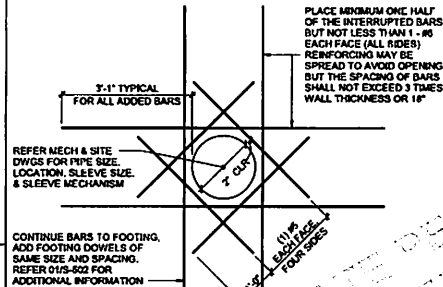
08 CHANNEL SLOT DRAIN DETAIL
S-501 NTS



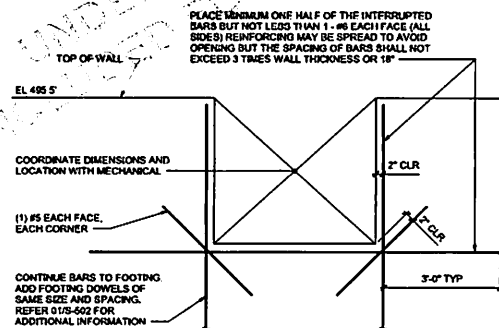
PLAN VIEW AT CORNER



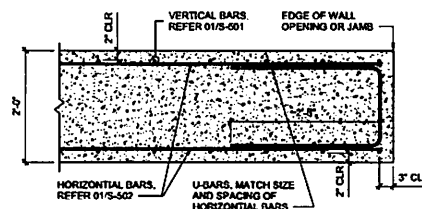
07 TYPICAL SAWCUT CONTRACTION JOINT (CJ)
S-501 NTS



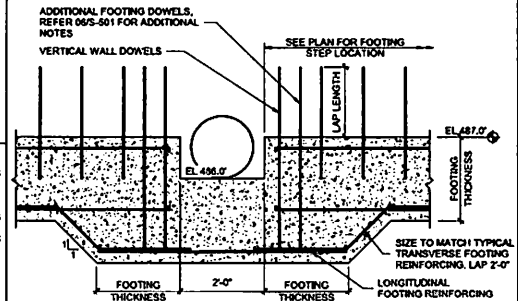
06 WALL REINFORCING AT PIPE SLEEVES
S-501 NTS



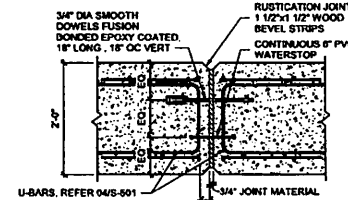
05 WALL REINFORCING AT RECTANGULAR OPENINGS
S-501 NTS



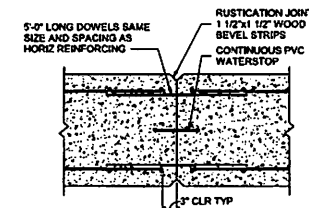
04 PLAN DETAIL WALL END REINFORCING
S-501 NTS



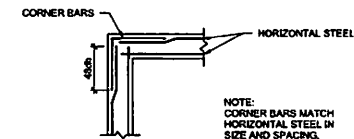
03 FOOTING STEP WITH VERTICAL REINFORCEMENT
S-501 NTS



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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KZF DESIGN

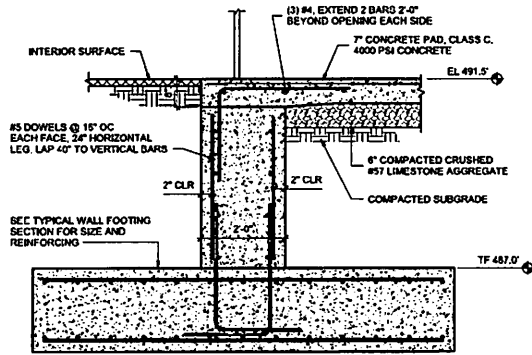
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700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

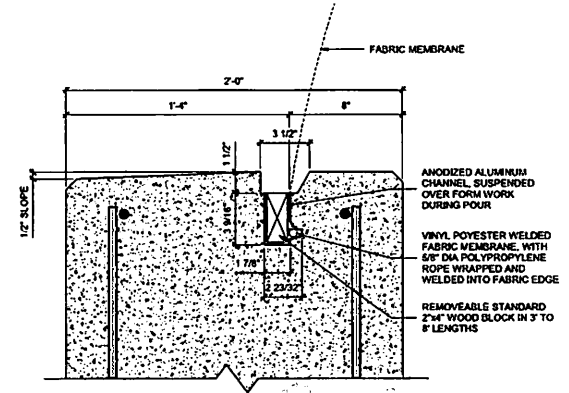
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CHECKED	DATE
OVERVIEW	ISSUE
CHECKED	PROJ. MGR.
VERIFY	SCHULTZ

FOUNDATION SECTIONS AND DETAILS

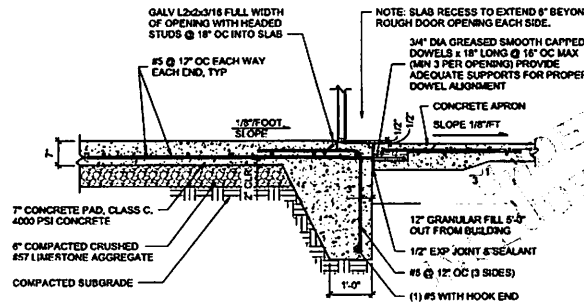
DRAWING NUMBER ISSUE
S-501



05 CONCRETE PAD AT DOOR OPENING
S-502 NTS



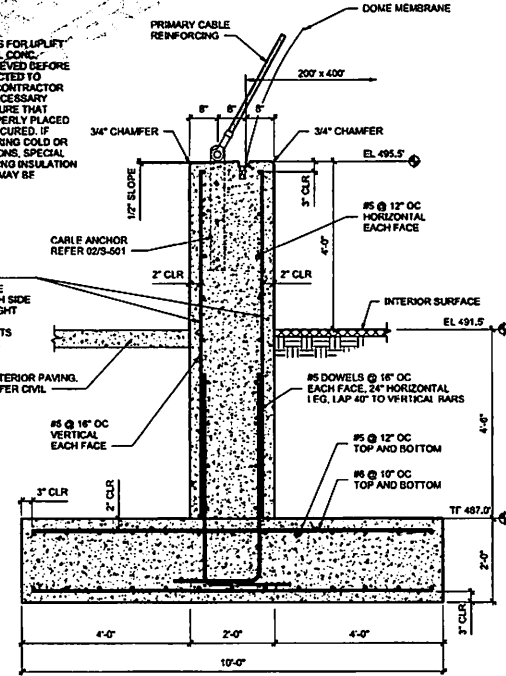
TYPICAL TOP OF FOUNDATION WALL DETAIL



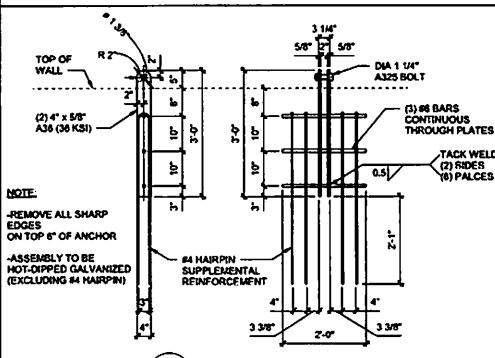
04 CONCRETE PAD AT OVERHEAD DOOR
S-502 NTS

IMPORTANT:
MAX. DESIGN LOADS FOR UPLIFT REQUIRE THAT FULL CONCRETE STRENGTH BE ACHIEVED BEFORE CHANNEL IS SUBJECTED TO 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

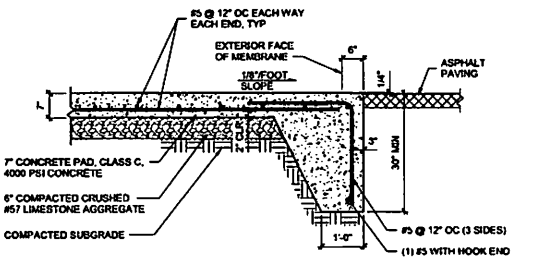


01 PERIMETER FOUNDATION WALL
S-502 NTS



NOTE:
-REMOVE ALL SHARP EDGES ON TOP 6" OF ANCHOR
-ASSEMBLY TO BE HOT-DIPPED GALVANIZED (EXCLUDING #4 HAIRPIN)

02 CABLE ANCHOR
S-502 NTS



03 CONCRETE PAD AT OVERHEAD DOOR
S-502 NTS

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

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KZF DESIGN INC.
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kzf.com

DESIGNED: [blank] DATE: [blank]
CHECKED: [blank] DATE: [blank]
DRAWN: [blank] DATE: 03/20/22
OVERWTRN: [blank]

FOUNDATION SECTIONS AND DETAILS
DRAWING NUMBER: [blank] ISSUE: [blank]
S-502

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INCLUDED UNDER SEPARATE PERMIT
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NO.	DATE	DESCRIPTION

INTERIM INDOOR PRACTICE FACILITY

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Cincinnati, OH 45202

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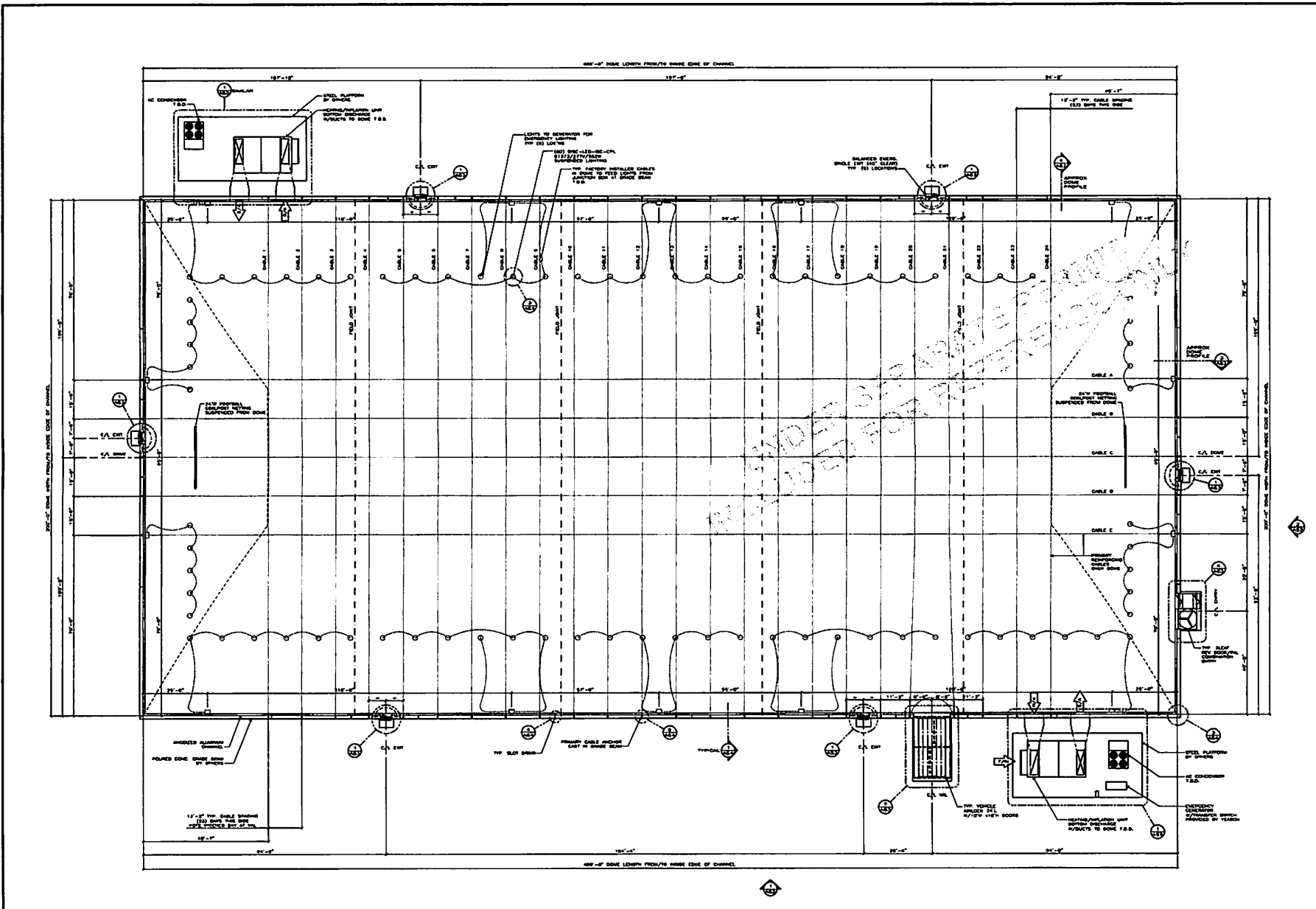
KZF DESIGN INC.
705 Broadway Street
Cincinnati, OH 45202
Phone: 513.621.0211
kzf.com

CLIENT: SERIAL NO.
PROJECT: DATE:
DRAWN: CHECKED:
SCALE: PROJECT:
DATE: COUNTY:
PLATONUM:
PROJONG:
SERVING:
DETAILS:
DRAWING SHEET TITLE:

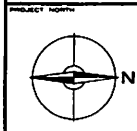
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NO.	DESCRIPTION	DATE



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 PROJECT: **CINCINNATI BENGALS PRACTICE DOME**

PROJECT LOCATION: **CINCINNATI, OH.**

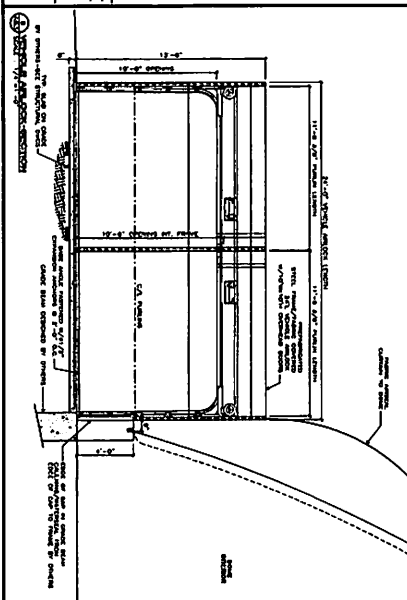
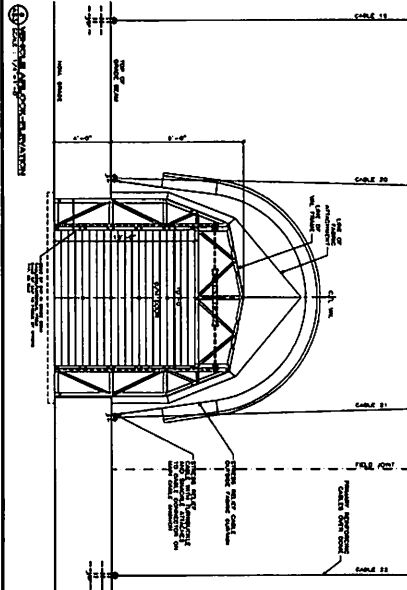
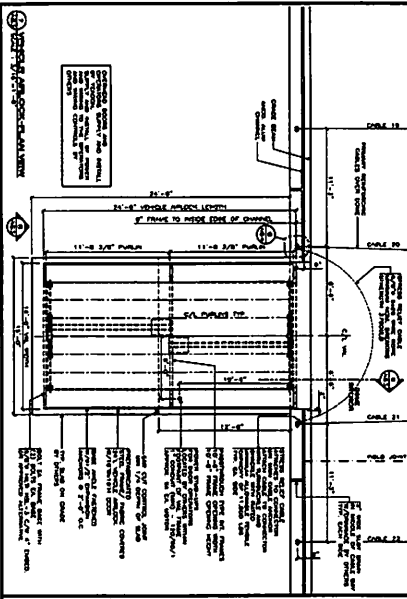
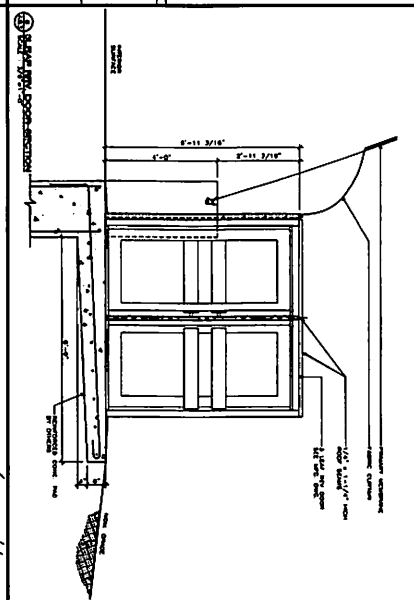
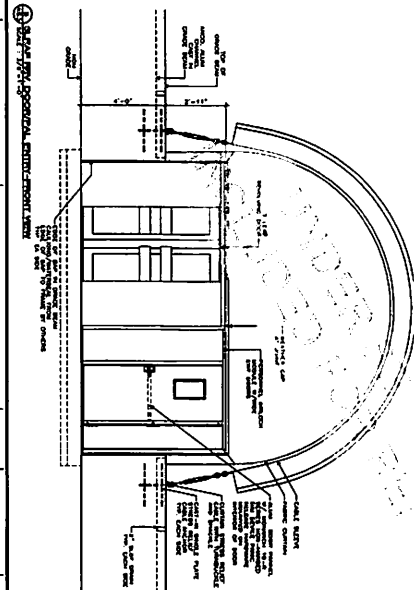
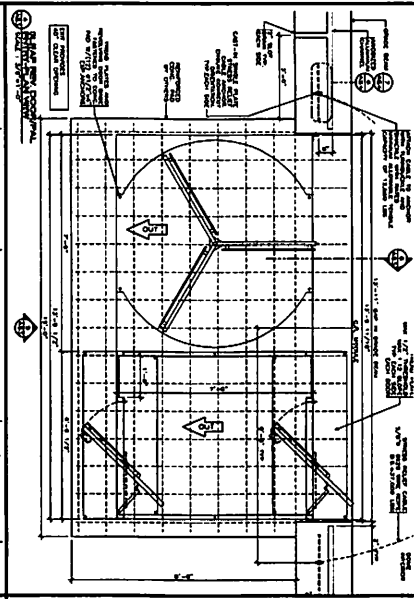
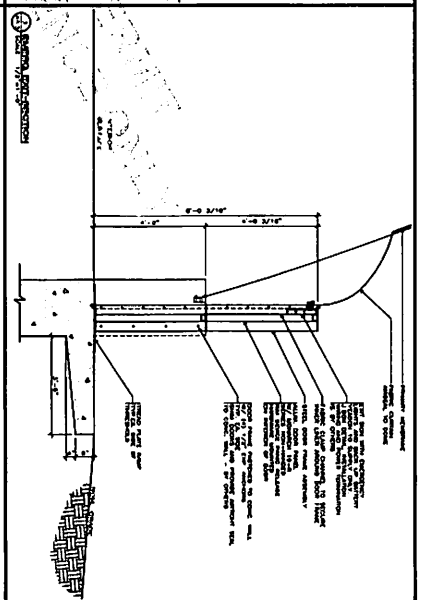
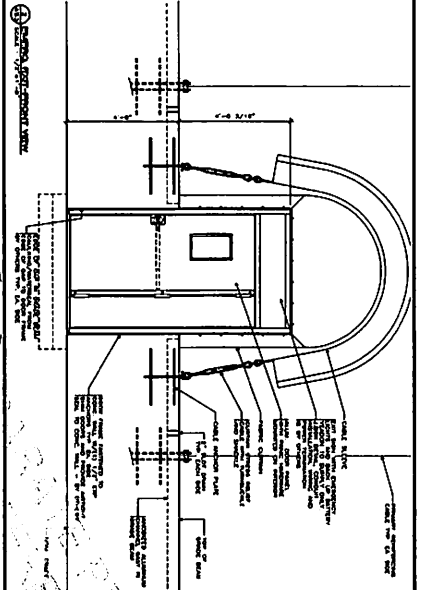
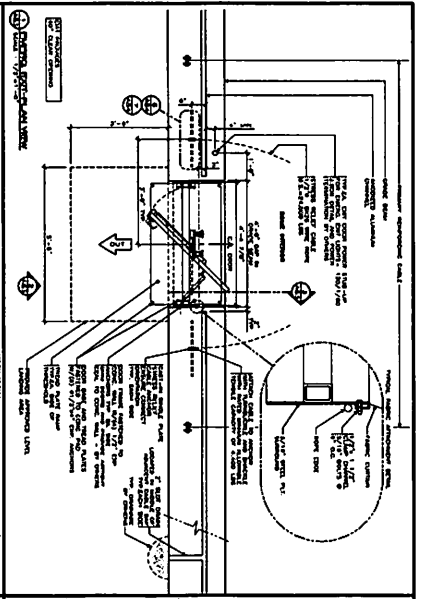
DRAWING: **PLAN VIEW**

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

DATE: **31/MAR/22**

DRAWN BY: **D.J.K./M.K.** APPROVED BY: **D.J.K.**

PROJECT NO.: **22304** Dwg. No.: **AS1**



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

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PROJECT: CINCINNATI BENGALS PRACTICE DOHE

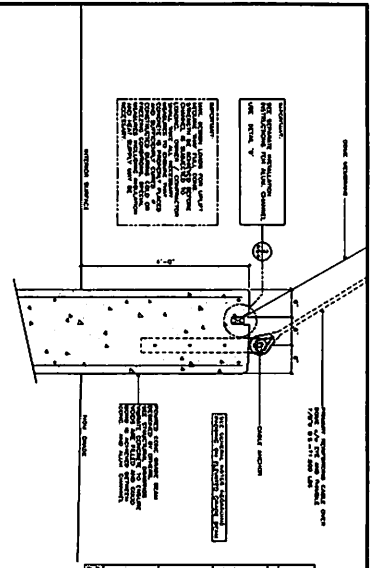
PROJECT LOCATION: CINCINNATI, OH

DATE: 31/MAR/22

SCALE: AS NOTED

DESIGNER: JAYMOND BT

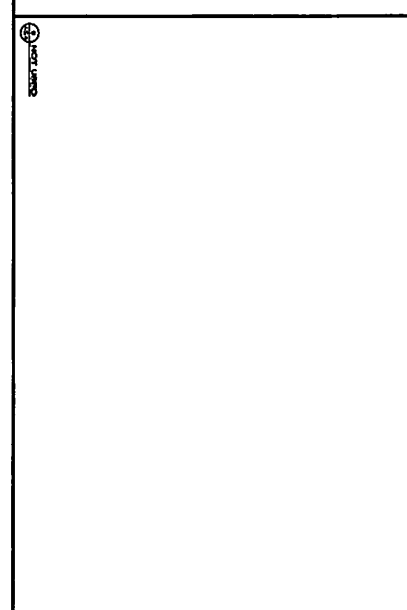
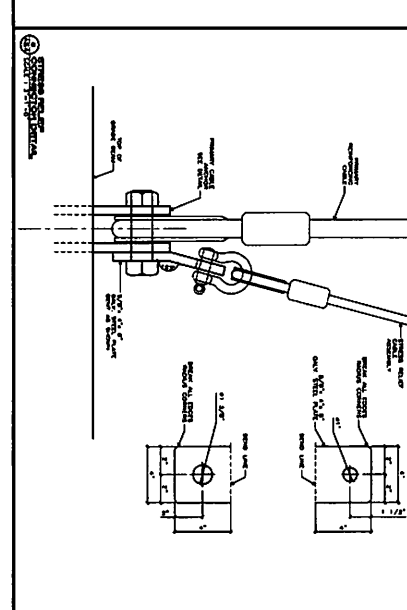
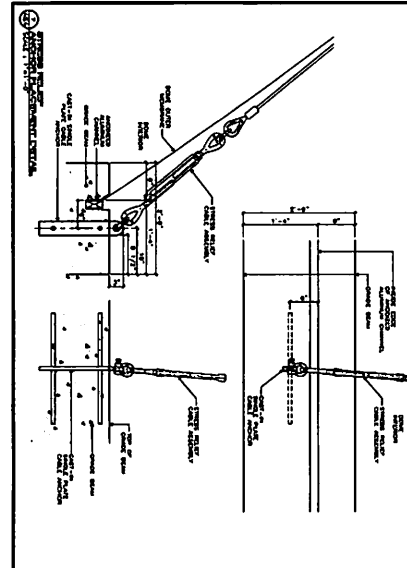
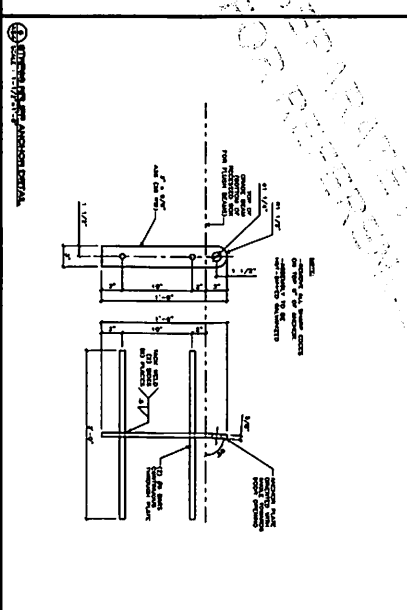
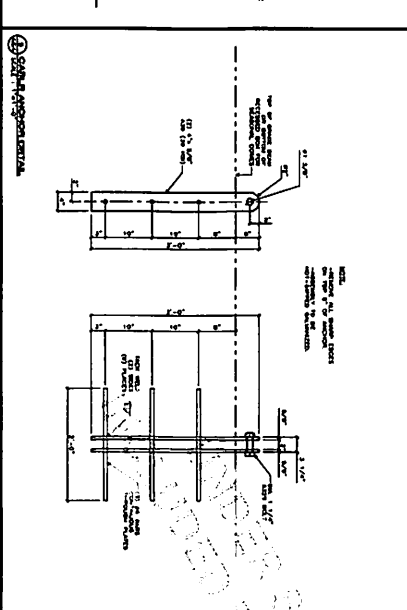
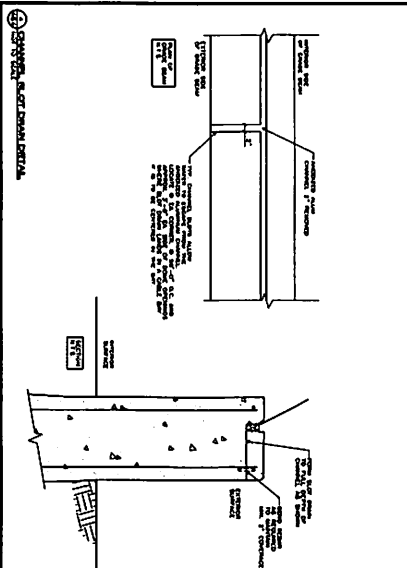
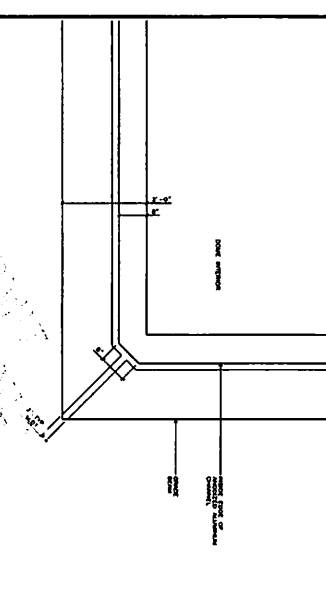
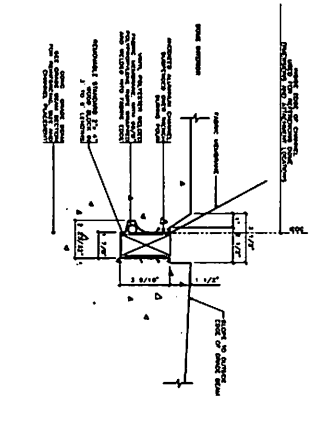
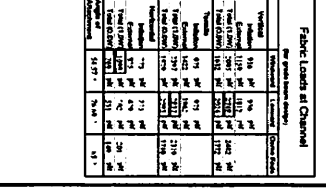
PROJECT NO.: 22304 AS-3



Fabric Loads at Channel

For each fabric depth:

Wind Vel.	Wind Dir.	Wind Sp.	Wind Dir.	Wind Sp.	Wind Dir.	Wind Sp.
115	90	115	0	115	0	115
115	0	115	90	115	90	115
115	45	115	45	115	45	115
115	135	115	135	115	135	115
115	225	115	225	115	225	115
115	315	115	315	115	315	115
115	0	115	0	115	0	115
115	90	115	90	115	90	115
115	180	115	180	115	180	115
115	270	115	270	115	270	115
115	360	115	360	115	360	115
115	45	115	45	115	45	115
115	135	115	135	115	135	115
115	225	115	225	115	225	115
115	315	115	315	115	315	115
115	0	115	0	115	0	115
115	90	115	90	115	90	115
115	180	115	180	115	180	115
115	270	115	270	115	270	115
115	360	115	360	115	360	115
115	45	115	45	115	45	115
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115	180	115	180	115	180	115
115	270	115	270	115	270	115
115	360	115	360	115	360	115



Yeadon
 435 9th St. E. Suite 500, Grand Rapids, MI 49503
 120 Woolwich St. Suite 201, Gulfport, MS 39503

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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 F1960 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 G3	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			
RPBP-1	WATTS	1P009-QT-S		DOMESTIC	3/4" x 3/4"	INSTALL IN HEATED ENCLOSURE, HE-1

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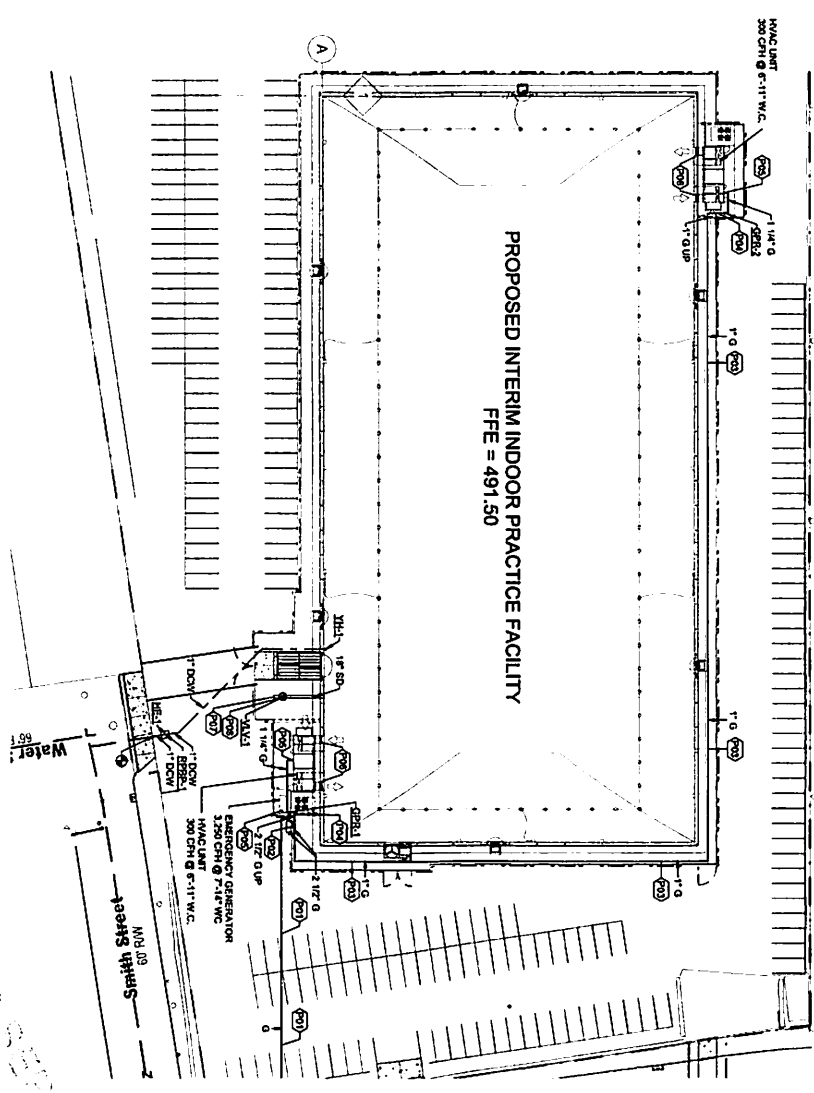
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700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
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GENERAL NOTES
AND SCHEDULES

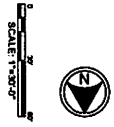
DRAWING NUMBER: **P-001**



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

PROPOSED INTERIM INDOOR PRACTICE FACILITY

- 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, ORFT 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 FLEXIBLE ON 12" DIA. CONCRETE. PROVIDE WITH 100 LB/DY INCH COVER.

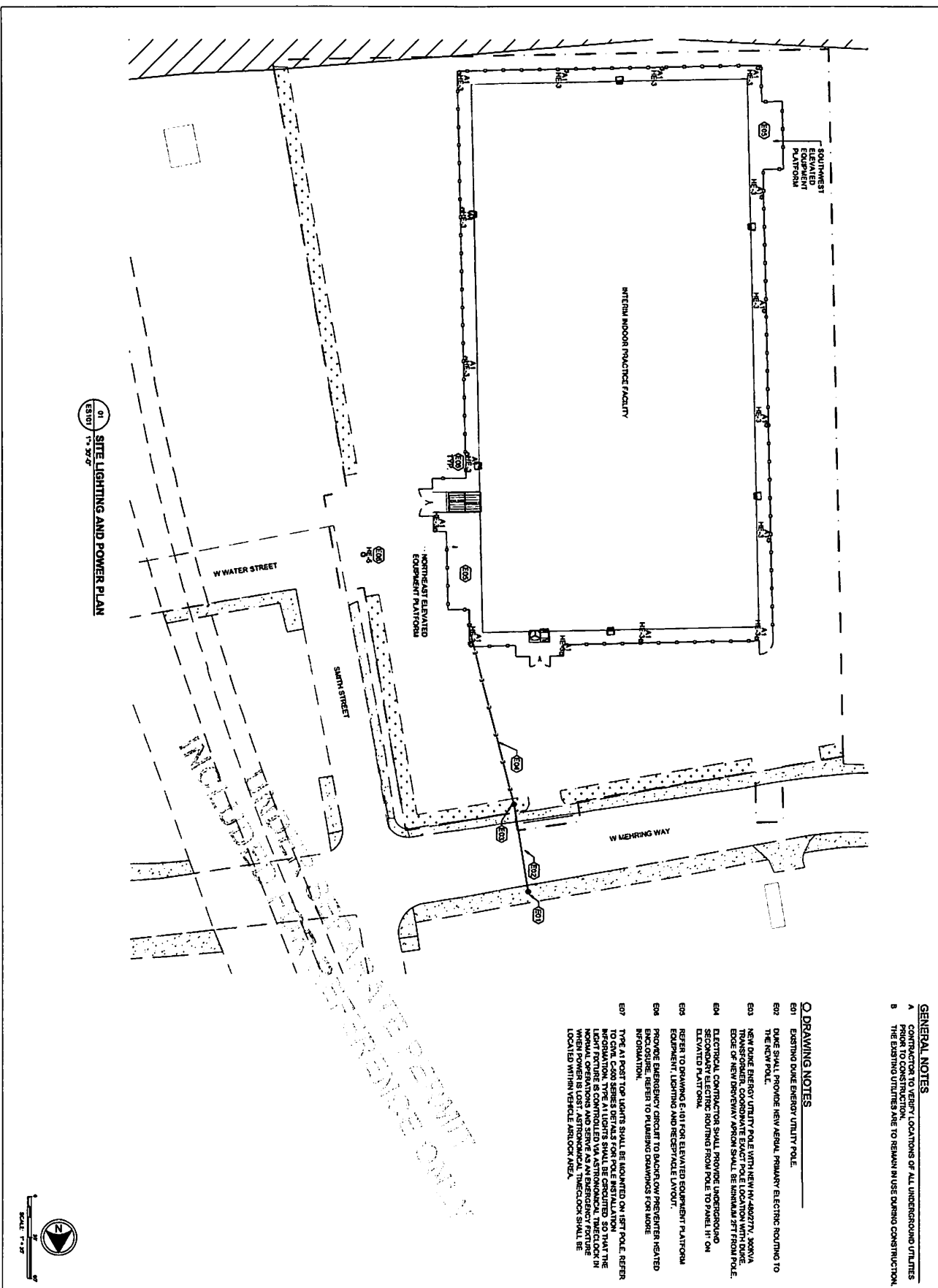


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kzf.com

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KZF DESIGN for
DATE: 04/01/2022
BY: [Signature]
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DRAWN BY: [Signature]
PLUMBING SITE
PLAN
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

- E1 EXISTING DIKE ENERGY UTILITY POLE.
- E2 DIKE SHALL PROVIDE HEAVY AERIAL PRIMARY ELECTRIC ROUTING TO THE NEW POLE.
- E3 NEW DIKE ENERGY UTILITY POLE WITH NEW HV 480VOLT, 3X3WVA EDGE OF NEW DOWNSWIRE ARSON SHALL BE MINIMUM 8 FT FROM POLE.
- E4 ELECTRICAL CONTRACTOR SHALL PROVIDE UNDERGROUND ELEVATED PLATFORM ROUTING FROM POLE TO PANEL #1 ON ELEVATED PLATFORM.
- E5 REFER TO DRAWING E-101 FOR ELEVATED EQUIPMENT PLATFORMS EQUIPMENT, LIGHTING AND RECEPTACLE LAYOUT.
- E6 PROVIDE EMERGENCY CIRCUIT TO BACKUP LOW PRESSURE HEATED ENCLOSURE. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
- E7 TYPE A1 POST TOP LIGHTS SHALL BE MOUNTED ON 18 FT POLE. REFER TO DRAWING E-101 FOR ELEVATED EQUIPMENT PLATFORMS EQUIPMENT, LIGHTING AND RECEPTACLE LAYOUT. THE LIGHT FEATURE IS CONTROLLED VIA ASTROLOGICAL THECLUD IN NORMAL OPERATIONS AND SERVE AS AN EMERGENCY FEATURE LOCATED WITHIN VERTICAL AIRLOCK AREA.

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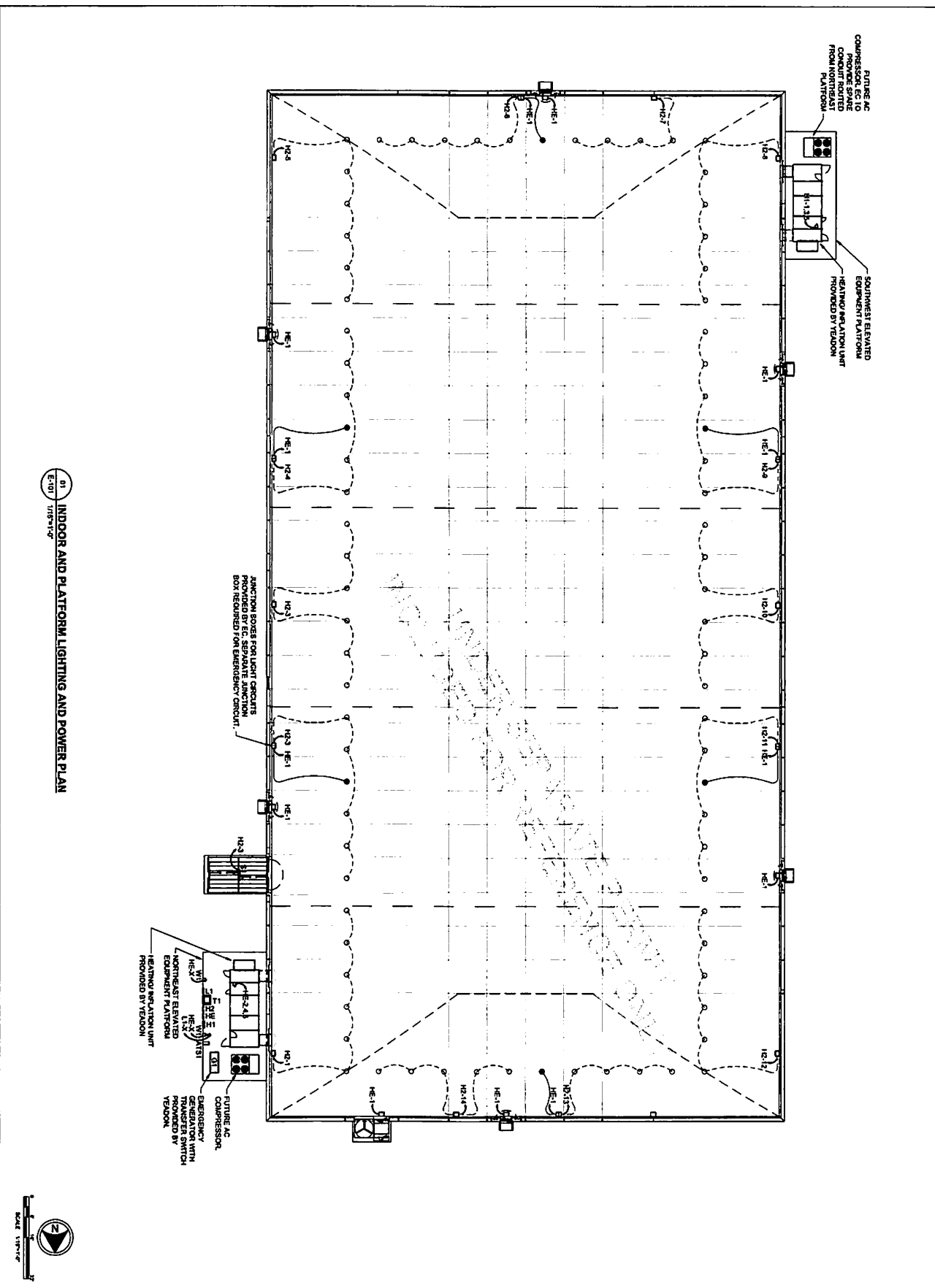
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 700 Broadway Street
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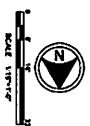
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ES101



01 INDOOR AND PLATFORM LIGHTING AND POWER PLAN
E-101 1/8"=1'-0"



04/01/2022 PROGRESS REVIEW SET

E-101

INDOOR AND PLATFORM LIGHTING AND POWER PLAN
Revised: 04/01/2022
Author: [Name]
Checked: [Name]
Drawing Number: E-101

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NO.	DATE	DESCRIPTION

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)

LUMINAIRE SCHEDULE

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)

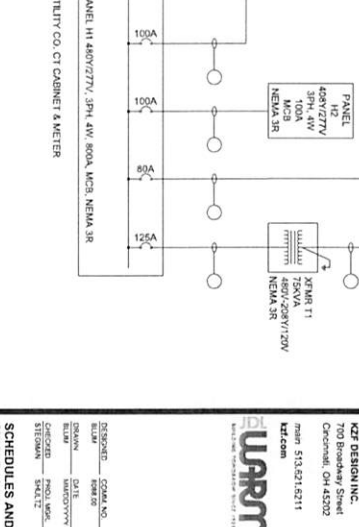
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A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
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S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
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MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)

MARK	MARK DESCRIPTION	CONNECTION	MARK	MARK DESCRIPTION	CONNECTION
A1	REAR WALL SHELL (LEFT)	ELCUB-MEM-DRIVE/CONTROL	100	REAR WALL SHELL (RIGHT)	ELCUB-MEM-DRIVE/CONTROL
S1	REAR WALL SHELL (TOP)	REAR WALL SHELL (TOP)	101	REAR WALL SHELL (BOTTOM)	REAR WALL SHELL (BOTTOM)
W1	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)	102	REAR WALL SHELL (WALL)	REAR WALL SHELL (WALL)



01 SINGLE LINE DIAGRAM E-801 NOT TO SCALE

INCLUDED UNDER SEPARATE PERMIT ONLY

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