

EXHIBIT B2-A

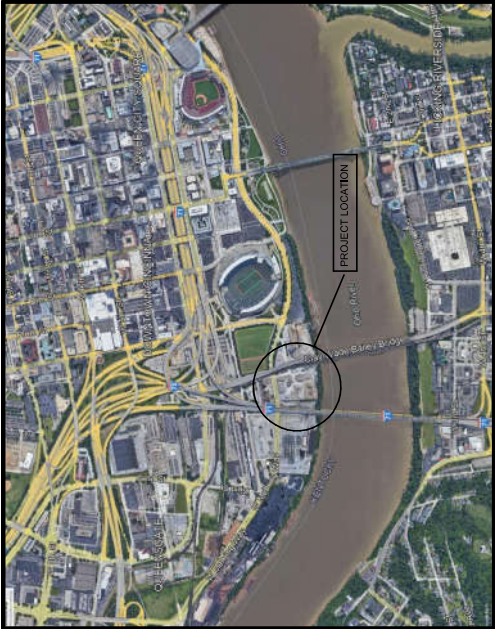
DESIGN DRAWINGS

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

GRADING PERMIT

KZF DESIGN

Architecture | Engineering | Interiors | Planning



VICINITY MAP



LOCATION PLAN

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

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



DESIGNED BY: ROBERT SCHMITZ
SCALE: 1"=50'-00"
DATE: 04-01-2022
DRAWN BY: ROBERT SCHMITZ
CHECKED BY: ROBERT SCHMITZ
PROJECT: INTERIM INDOOR PRACTICE FACILITY

COVER SHEET

DRAWING NUMBER: G-000
ISSUE: 1

DRAWING INDEX

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USPFR0 - "UNDER SEPARATE PERMIT...ISSUED FOR REFERENCE ONLY"

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04/01/2022
DESIGNED
SCHMITZ
DRAWN
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CHECKED
SCHMITZ
DATE
6-04-2022
PROJECT
SCHMITZ

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 SPECIFICATIONS OF THE CITY OF CINCINNATI AND THE OHIO DEPARTMENT OF TRANSPORTATION.

ALL WORK SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.

PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY CONSTRUCTION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS.

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 ONLY INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY TYPE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF SUCH UTILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

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 PERMITS THAT ARE REQUIRED FOR THE CONSTRUCTION OF UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.

TRAFFIC PART, DET. MUD, ETC. FROM THE CONSTRUCTION SITE OR STAGING AREA ONTO ADJACENT ROADS AND PAVEMENTS SHALL NOT BE PERMITTED.

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

CONTRACTOR TO REFER TO ODOT STANDARD DRAWING MT-563.1 FOR TEMPORARY LANE CLOSURES. 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, LEGEND, AND ABBREVIATIONS USED IN THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY SPECIFICATIONS OR ON THE DRAWINGS IS NOT CLEAR TO THE CONTRACTOR, HE OR SHE SHOULD 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 ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.

THE CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSAL OF IN A LEGAL MANNER, ANY ENVIRONMENTALLY NON-HAZARDOUS SPILLS AND/OR DEBRIS WHICH RESULT FROM CONSTRUCTION OPERATIONS AT NO 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 PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE ENGINEER HAS DETERMINED SURVEY OR OR-AGENT HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

REMEDIAL AREAS DETRIBUTED/DAMAGED BY CONTRACTORS 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 QA AND QC. IF PRESENT, FORMAL TEST REPORTS WILL BE PROVIDED WITHIN 72 HOURS OF TEST COMPLETION. FAILURE TO PERFORM OR PROVIDE TESTING REPORTS MAY RESULT IN REFUSAL TO ACCEPT WORK.

SURVEY & DATUM

THIS PROJECT WAS SURVEYED AND DESIGNED USING NGVD83 VERTICAL ELEVATIONS AND GROUND COORDINATES. SEE V602 SURVEY SHEET FOR DATUM AND GROUND INFORMATION. NOTE THAT THERE ARE NO ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DATUM AND A TRANSLATION FACTOR FOR GRID VERSUS GROUND COORDINATE SYSTEM USED IN THIS PROJECT. BOTH ARE PROVIDED ON THE SURVEY PLAN SHEET. ANY OTHER PLANS USED IN CONSTRUCTION SHALL BE CORRELATED TO THE SURVEY PLAN SHEET. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE COORDINATE SYSTEM USED AND PERFORM THE TRANSLATION TO CONFIRM ANY XY COORDINATES OF ELEVATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE MADE IMMEDIATELY BEFORE THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY TYPE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF SUCH UTILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

WORK IN RIGHT OF WAY

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

GRADING/EARTHWORK NOTES

THE CONTRACTOR SHALL COORDINATE LAZORWAY AND STORAGE OF MATERIALS WITH THE OWNER. UNOBTAINED MATERIAL SHALL BE REMOVED FROM SITE DAILY.

LAND DETURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED FROM GOVERNING AUTHORITIES.

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

ALL EARTHWORK, GRADING, AND PAVING OPERATIONS FOR THIS PROJECT SHALL COMPLY WITH THE DRAWINGS PROVIDED HEREIN.

CONTRACTOR SHALL PROVIDE EROSION CONTROL PRACTICES AS REQUIRED THROUGHOUT ALL PHASES OF CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ONSITE 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 LEAST ONCE EVERY SEVEN (7) DAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED BY INSPECTION SHALL COMMENCE WITHIN 24 HOURS AND BE COMPLETED WITHIN 48 HOURS OF REPORT.

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

CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE ODOT STANDARDS FOR EROSION AND SEDIMENT CONTROL.

GRADES AND CONTOURS SHOWN REPRESENT FINAL CONSTRUCTED SURFACE. PAVEMENT AND OTHER IMPROVEMENTS MUST BE TAKEN INTO ACCOUNT WHEN PERFORMING GRADING.

FINAL GRADES IN ALL PAVEMENT AREAS SHALL BE 1/8 INCH FROM PLAN GRADE. POSITIVE DRAINAGE SHALL BE PROVIDED IN ALL AREAS.

CONCRETE WASHOUT: THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL FRESH CONCRETE PUMP TRUCKS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S BEST MANAGEMENT PRACTICES. THE CONTRACTOR SHALL SUBMIT THEIR STRATEGY TO COLLECT AND RETAIN WASHWATER SHALL NOT BE DUMPED DIRECTLY ON THE GROUND. THE CONTRACTOR SHALL ALSO MAKE READY MIXED TRUCK DRIVERS AWARE OF THE WASHOUT FACILITY LOCATION AND BE WATCHFUL FOR IMPROPER DUMPING OF CEMENTITIOUS MATERIAL.

PAVING NOTES

PROVIDE POSITIVE DRAINAGE IN ALL AREAS. WATER SHALL BE USED TO CHECK FOR BIRD BATH CONDITIONS. ANY BIRD 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 ONLY INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY TYPE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES OR UNIVERSITY DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR UTILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM.

UTILITIES AND APPURTENANCES TO REMAIN IN THEIR PRESENT LOCATION SHALL BE ADJUSTED TO PROPOSED GRADE WHERE NECESSARY.

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

CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF ELECTRIC LINES PRIOR TO INSTALLATION OF EXCAVATION OR TRENCH. IF THE TRENCH IS ENTIRELY WITHIN STABLE ROCK EXCAVATION OR TRENCH DEPTH SHALL NOT EXCEED 1.51 WITHOUT THE USE OF TRENCH PROTECTION.

APPROPRIATE TRENCH PROTECTION TO REDUCE POTENTIAL CAVE-INS DO TO UNSTABLE SOILS OR RAINFALL EVENTS.

IN THE CASE OF AN UNEXPECTED UTILITY OR STRUCTURE INTERFERENCE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER.

UTILITY TRENCH EXCAVATIONS SHALL NOT EXCEED 1.51 WITHOUT THE USE OF TRENCH PROTECTION.

TRENCH PROTECTION IS NOT REQUIRED IF THE TRENCH IS ENTIRELY WITHIN STABLE ROCK EXCAVATION OR TRENCH DEPTH SHALL NOT EXCEED 1.51 WITHOUT THE USE OF TRENCH PROTECTION.

APPROPRIATE TRENCH PROTECTION TO REDUCE POTENTIAL CAVE-INS DO TO UNSTABLE SOILS OR RAINFALL EVENTS.

STORM SEWER NOTES

STORM SEWERS PIPE SHALL BE ODOT CLASS 8, CONTRACTOR TO TAKE EXTRA PRECAUTION TO PROVIDE PROPERLY COMPACTED BACKFILL UNDER PIPE HAUNCHES.

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

WATER DISTRIBUTION

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

THE CONTRACTOR SHALL PROVIDE "AS-BUILT" PLANS INCLUDING THE LOCATION OF ALL PIPING.

GAS SERVICE NOTES

CONTRACTOR TO COORDINATE THE NEW GAS SERVICE WITH DUKE ENERGY.

ALL GAS SERVICE LINES SHALL BE PER DUKE ENERGY STANDARDS.



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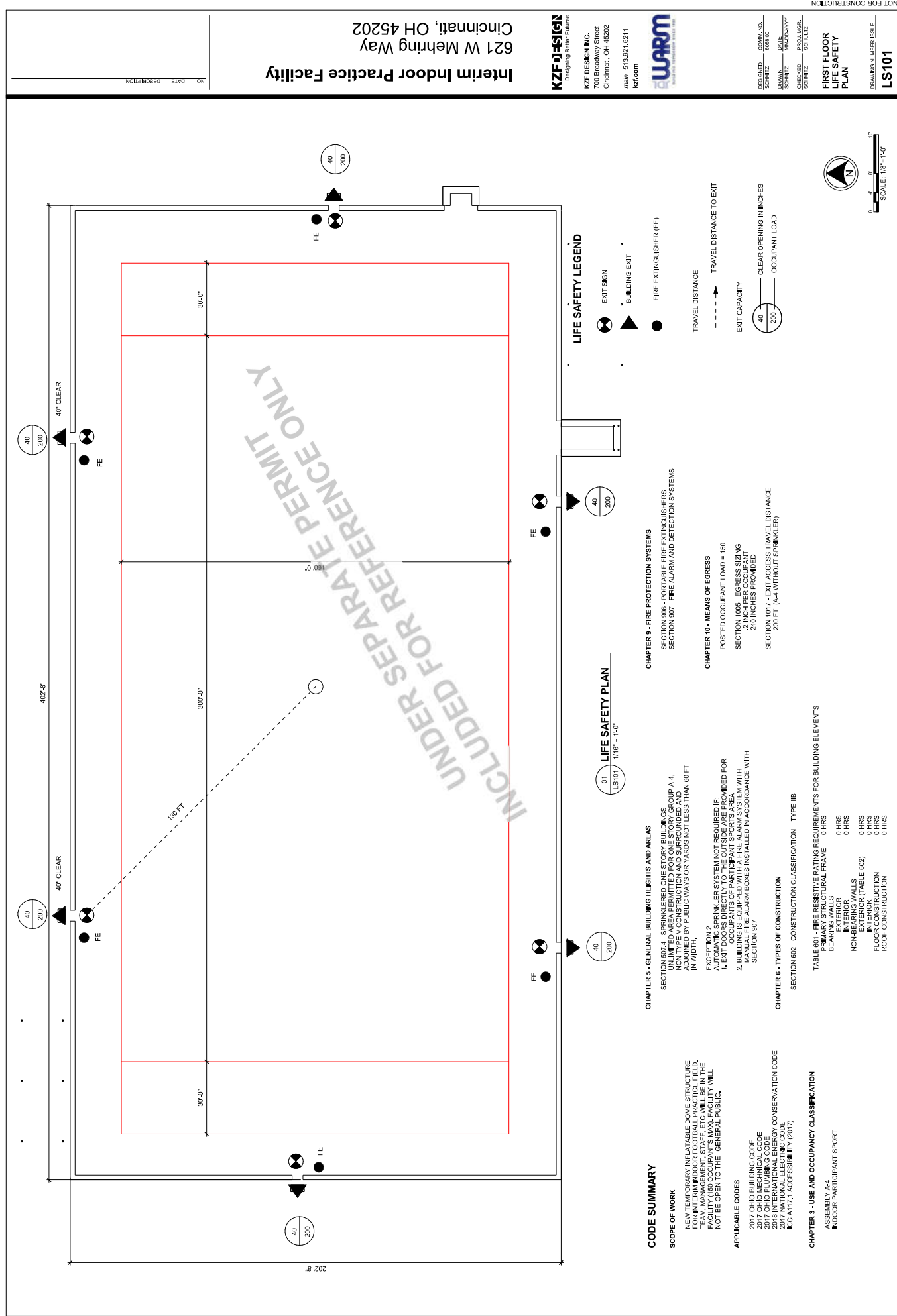


DESIGNED BY: MICHAEL J. MCCONNELL
DRAWN BY: MICHAEL J. MCCONNELL
CHECKED BY: MICHAEL J. MCCONNELL
FORN: MICHAEL J. MCCONNELL

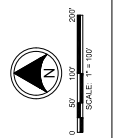
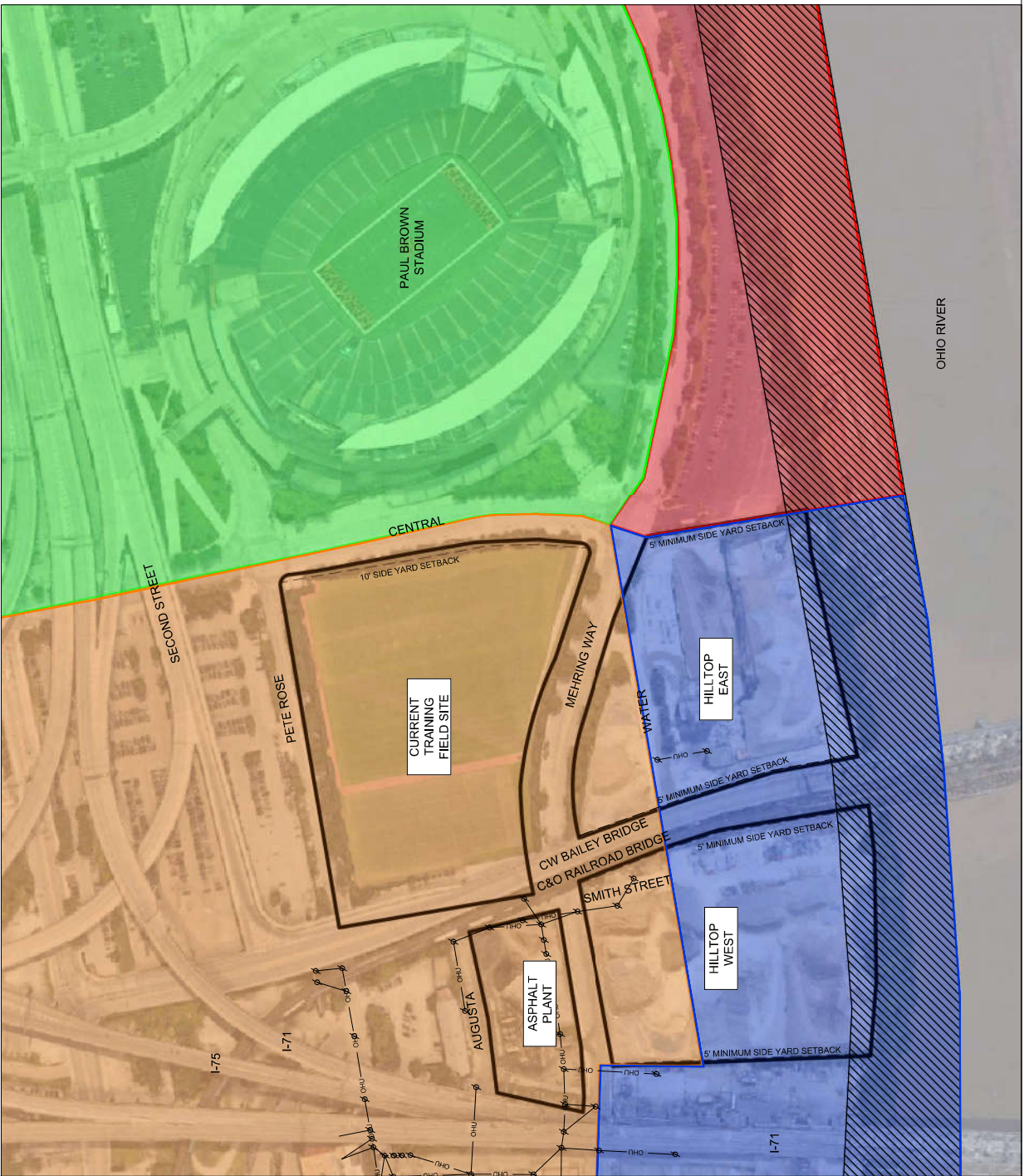
GENERAL NOTES

DRAWING NUMBER: G-002
ISSUE: 1

NO. 1
DATE: 04/07/2022
DESCRIPTION: ISSUE FOR GRADING PERMITS



- LEGEND
- ZONE DD CDD/RRFRONT
 - ZONE RFM CAMP WASHINGTON
 - ZONE DD CDD/RRFRONT
 - ZONE MG CAMP WASHINGTON
 - FEMA FLOODWAY



OHIO RIVER

HILL TOP EAST

HILL TOP WEST

PAUL BROWN STADIUM

CURRENT TRAINING FIELD SITE

ASPHALT PLANT

SECOND STREET

PETE ROSE

CENTRAL

MEHRING WAY

CW BAILEY BRIDGE
C&O RAILROAD BRIDGE

SMITH STREET

AUGUSTA

I-75

I-71

I-71

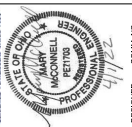
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WARM
WATER AND RAINWATER MANAGEMENT



DESIGNER: MARY MCCONNELL 000100
DRAWN: KRAMER
DATE: 04/10/2022
CHECKED: PHOIA MURK
FORTNER: SHULTZ

EXISTING ZONING

DRAWING NUMBER: VF001
ISSUE: 1

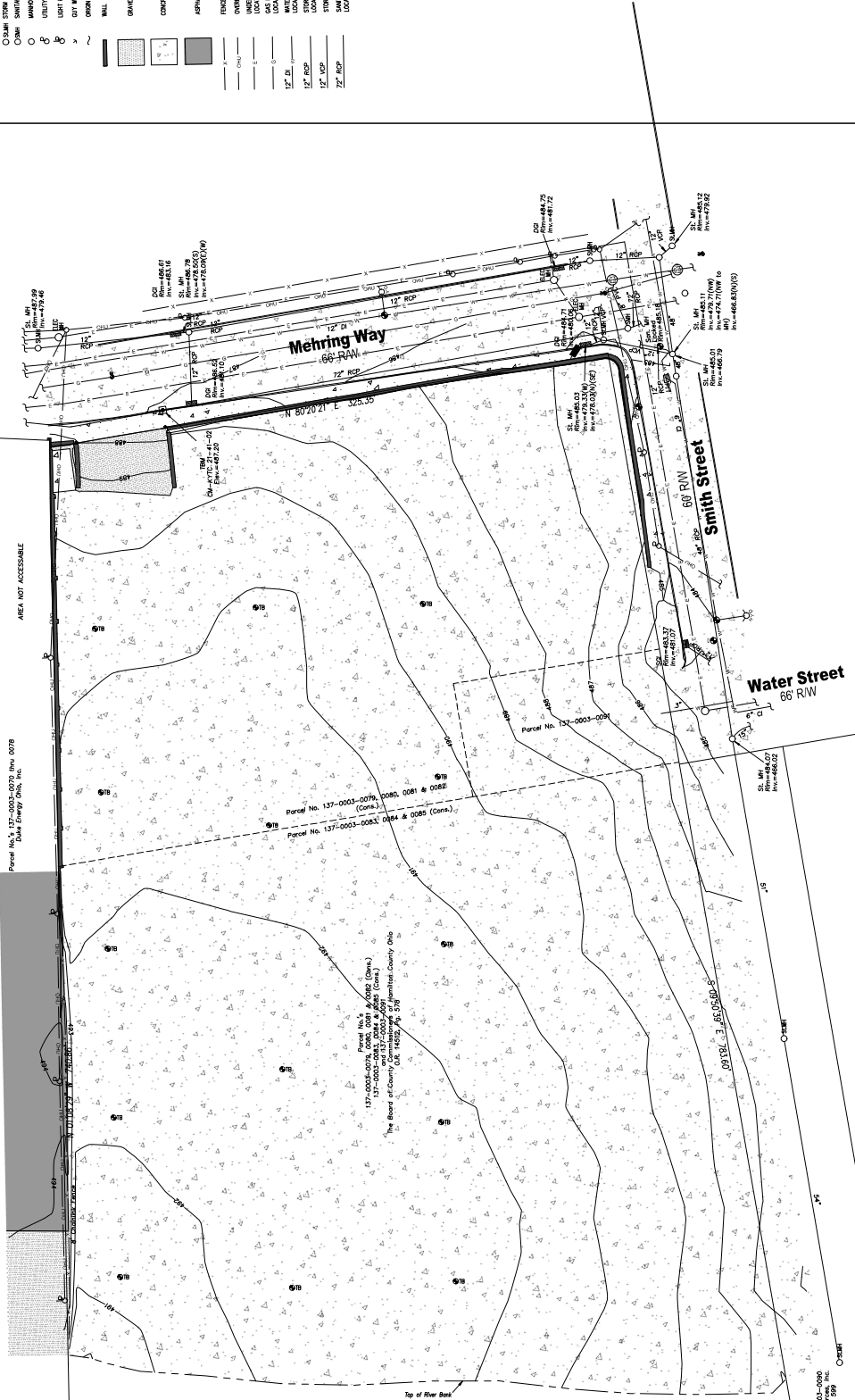
NO. 1
DATE: 04/10/2022
DESCRIPTION: ISSUE FOR GRADING PERMIT

GENERAL NOTES

- A CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.
- B

LEGEND

1	12" RCP	12" RCP
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100	12" RCP	12" RCP



GENERAL NOTES

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.
2. WORK TO BE COMPLETED INSIDE OF THE RIGHT-OF-WAY (ROW) SHALL BE ACCORDING TO CITY OF CINCINNATI STANDARD SPECIFICATIONS FOR HIGHWAYS AND ENGINEERING STANDARDS AND SPECIFICATIONS. CONTRACTOR IS REQUIRED TO PROVIDE A MAINTENANCE OF TRAFFIC PLAN.
3. DRAWING IS FOR CONSTRUCTION OF THE STANDARD DRAWING MT-95.31 FOR TEMPORARY LANE CLOSURES. PROTECT ALL EXISTING RETAINING WALLS TO REMAIN. DEMOLISH ALL EXISTING PAVEMENTS AND CURBING IN AREAS DESIGNATED FOR CONSTRUCTION WITHIN THE LIMITS OF PROPOSED CONSTRUCTION UNLESS OTHERWISE NOTED.
4. 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 WALL
- 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

DO NOT DISTURB
CHAINLINK FENCE

DO NOT DISTURB
CONCRETE WALL

EXISTING DRIVEWAY
APRON TO REMAIN

Mehring Way

Smith Street

Water Street

EXISTING DRIVEWAY
APRON TO REMAIN



SCALE 1" = 30'



CD101 1

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700 Broadway Street
Cincinnati, OH 45202

main 513.627.5211
kzf.com

UARM
UNIVERSITY OF ARMY & ROYAL MARINE



DESIGNED: CONN. I.D.O.
CHECKED: MCGONNELL
DATE: 04/01/2022
PROJECT: 621 W MEHRING WAY
SHEET: 1 OF 1

SITE
DEMOLITION
PLAN

CD101 1

GENERAL NOTES

1. BUTT JOINTS SHALL BE USED TO ADJOIN EXISTING AND NEW ASPHALT. SEE DETAIL 02/CS501.
2. ALL SIDEWALKS SHALL BE REINFORCED WITH 4 BARS @ 12" O.C. EACH WAY.
3. ALL SIDEWALKS TO HAVE A 1/4" / FOOT CROSS SLOPE.
4. CONCRETE CURBS TO MATCH NEW CURBS ALONG MEHRING WAY WITH ADJACENT CURBS.
5. MATCH EXISTING THICKNESS OF CONCRETE PAVEMENT ON MEHRING WAY IF THICKER THAN CIRCUMSTANTIAL TYPICAL CONCRETE PAVEMENT TRENCH REPAIR SECTION.

LEGEND

- CONSTRUCTION LIMITS
- [Symbol] FENCE, SEE DETAIL 01/CS503
- [Symbol] HEAVY DUTY ASPHALT PAVEMENT, SEE DETAIL 01/CS501
- [Symbol] LIGHT DUTY ASPHALT PAVEMENT, SEE DETAIL 01/CS501
- [Symbol] 10' LANDSCAPE BUFFER

DRAWING NOTES

- S01 MAIN GATE, SEE DETAIL CS503
- S02 VEHICLE GRATING WITH 1" HOLES
- S03 3" LEAF REVOLVING DOOR
- S04 HEAVY DUTY ASPHALT RAMP, SEE DETAIL 01/CS501
- S05 EQUIPMENT AREA
- S06 SOUTHWEST ELEVATED MECHANICAL EQUIPMENT AREA
- S07 EQUIPMENT AREA
- S08 ELEVATED MECHANICAL EQUIPMENT AREA, SEE DETAIL 02/CS502 FOR ELEVATIONS
- S09 UTILITY TRENCH REPAIR, SEE DETAIL 02/CS502 AND SEE DETAIL 01/CS501
- S10 (R/W) CURB, SEE DETAIL 02/CS502 AND SEE DETAIL 01/CS501
- S11 (R/W) CONCRETE DRIVEWAY APRON, SEE DETAIL 01/CS502
- S12 (R/W) CONCRETE DRIVEWAY APRON, SEE DETAIL 01/CS502
- S13 DETAIL 03/CS502
- S14 SEE STRUCTURAL FOR DETAIL, SEE CG101 FOR ELEVATIONS

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

KZF DESIGN INC.
709 Broadway Street
Cincinnati, OH 45202

main 513.627.5211
kzf.com

REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 10713
EXPIRATION DATE 12/31/2022

REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 10713
EXPIRATION DATE 12/31/2022

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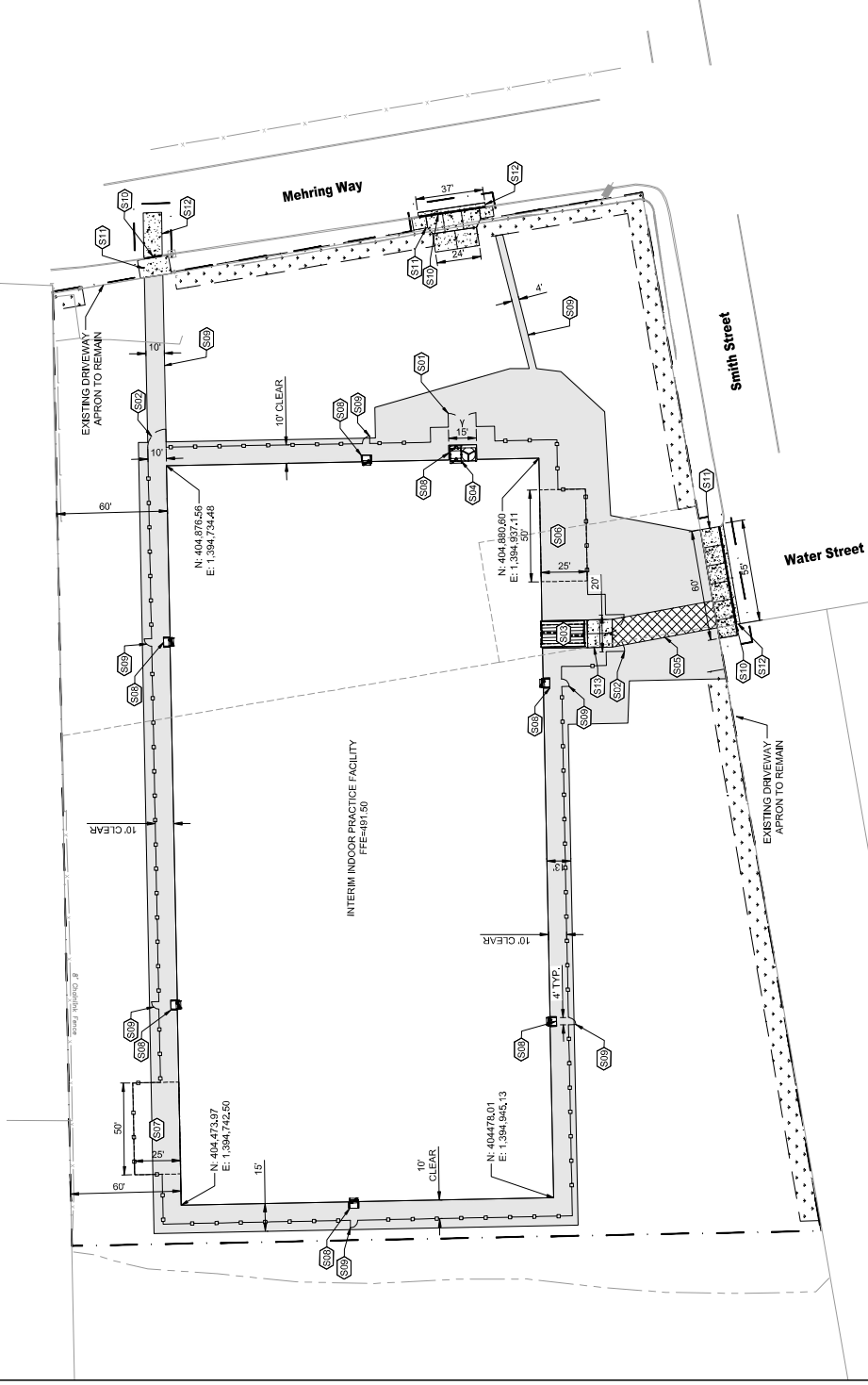
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 10713
EXPIRATION DATE 12/31/2022

REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 10713
EXPIRATION DATE 12/31/2022

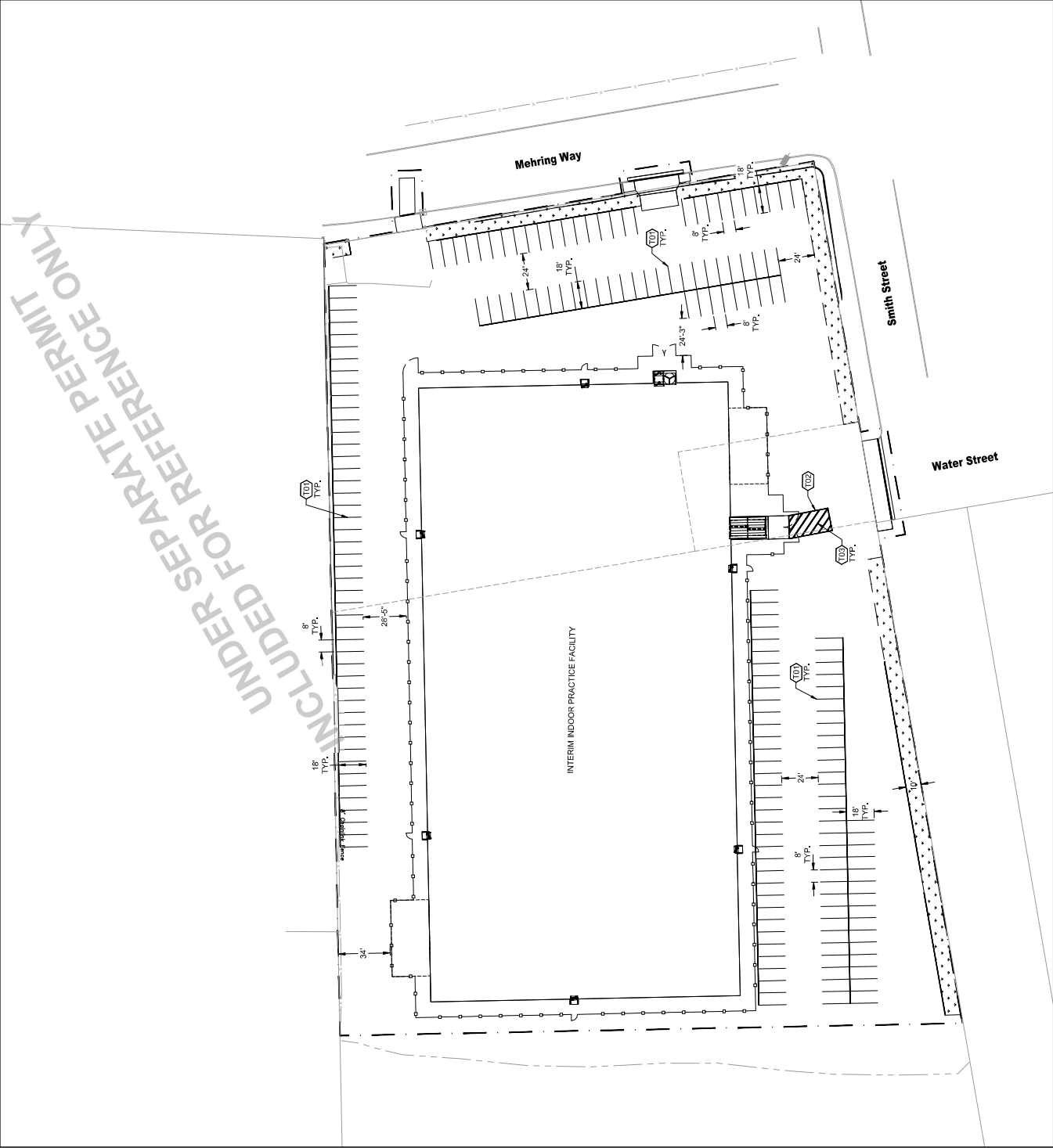
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO
NO. 10713
EXPIRATION DATE 12/31/2022

811
Know what's below.
Call before you dig.

SCALE 1" = 30'



CIVIL SITE PLAN
DRAWING NUMBER: CS101
ISSUE: 1



GENERAL NOTES

- A. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE MUTCD, AND THE US DOT/FHWA STANDARD SPECIFICATIONS AND DIMENSIONS SHALL BE USED UNLESS OTHERWISE NOTED.
- B. ALL DIMENSIONS AND OFFSETS SHOWN IN CALLOUT/NOTES 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

- T01 4" WIDE WHITE PARKING STRIPE
- T02 NEW 4" WIDE YELLOW LINE
- T03 NEW 8" WIDE YELLOW TRANSVERSE LINES

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

KZF DESIGN INC.
Engineering & Construction

700 Broadway Street
Cincinnati, OH 45202

main 513.627.5211
kzf.com

WARM
WATER-RESISTANT MEMBRANE

DESIGNED	COMM. NO.
REVIEWED	NO. 00
DATE	NOV 10 2022
BY	NOV 10 2022
CHECKED	NOV 10 2022
FOR	NOV 10 2022

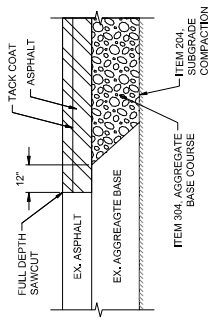
TRAFFIC, PAVEMENT MARKING AND SIGNING PLAN
DRAWING NUMBER: CS102



SCALE 1" = 30'

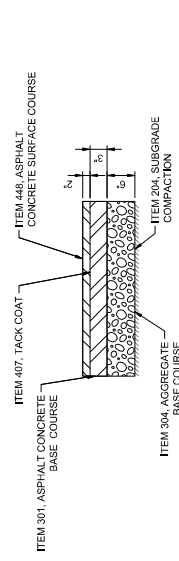


NOT FOR CONSTRUCTION

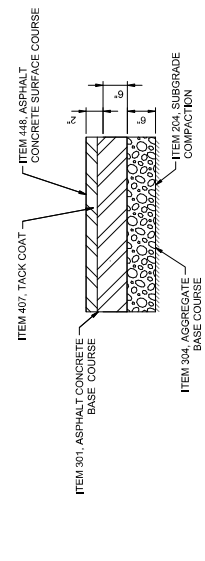


NOTE:
 1. REFER TO DETAIL 01CSS01 FOR PAVEMENT SECTION.
 2. BASE AND SUBGRADE COMPACTION SHALL BE PER ASTM D1557.

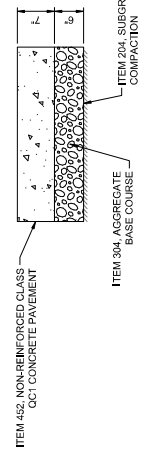
02 BUTT JOINT DETAIL
 CSS01 N.T.S.



01 LIGHT DUTY
 ASPHALT PAVEMENT
 CSS01 N.T.S.



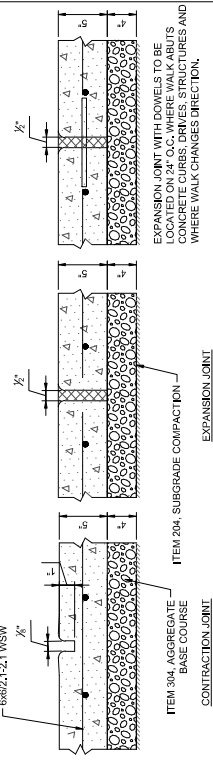
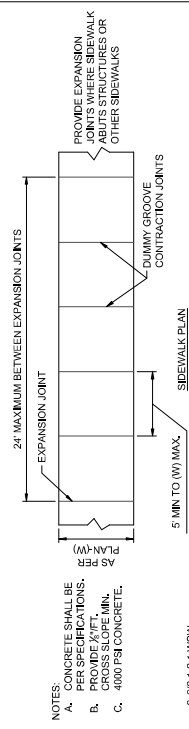
02 HEAVY DUTY
 ASPHALT PAVEMENT
 CSS01 N.T.S.



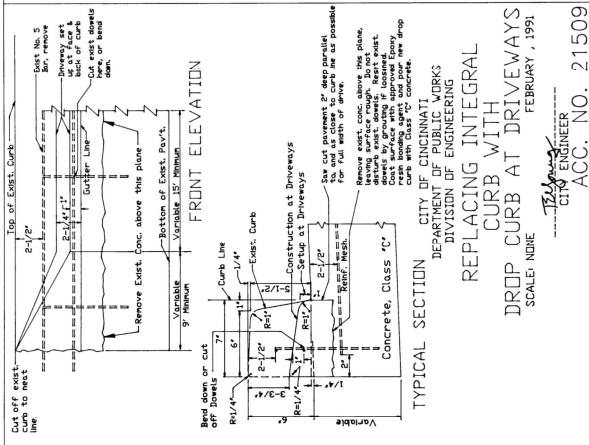
03 CONCRETE PAVEMENT
 CSS01 N.T.S.

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

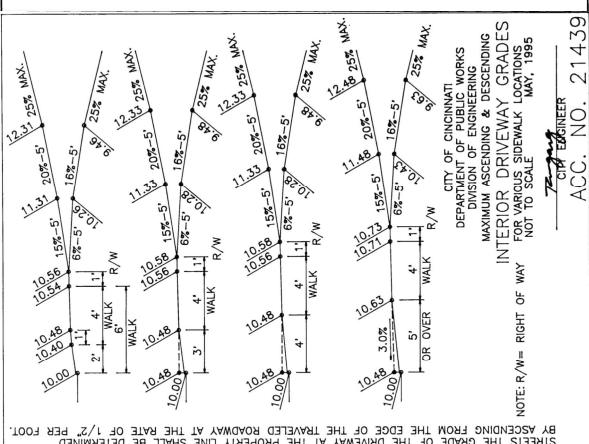
01 PAVEMENT DETAILS
 CSS01 N.T.S.



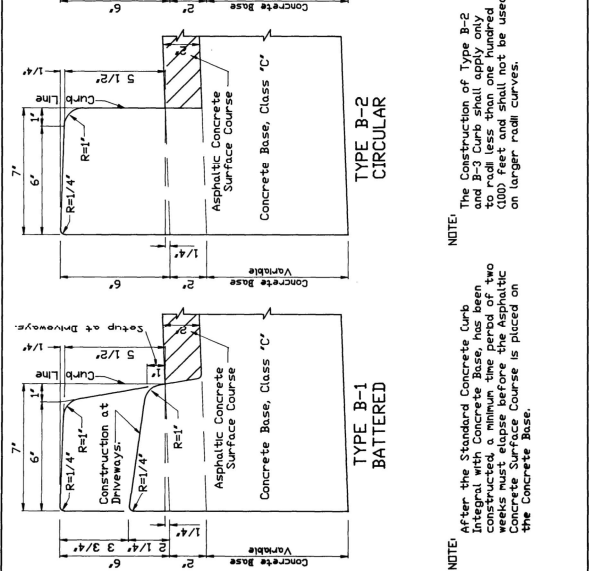
03 SIDEWALK DETAILS
 CSS01 N.T.S.



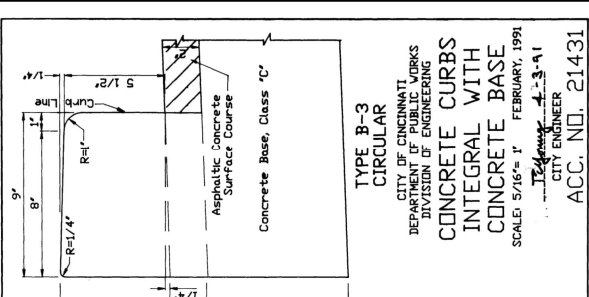
TYPICAL SECTION
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
REPLACING INTEGRAL CURB WITH DROP CURB AT DRIVEWAYS
 SCALE: NONE
 FEBRUARY, 1991
 CITY ENGINEER
 ACC. NO. 21509



FRONT ELEVATION
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
REPLACING INTEGRAL CURB WITH DROP CURB AT DRIVEWAYS
 SCALE: NONE
 FEBRUARY, 1991
 CITY ENGINEER
 ACC. NO. 21509

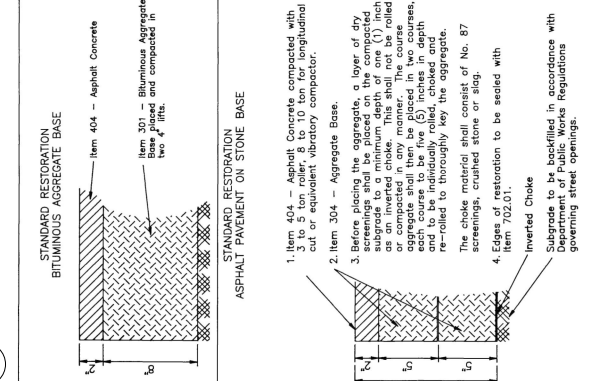


TYPE B-1 BATTERED
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
CONCRETE CURBS INTEGRAL WITH CONCRETE BASE
 SCALE: 5/16" = 1'
 FEBRUARY, 1991
 CITY ENGINEER
 ACC. NO. 21431

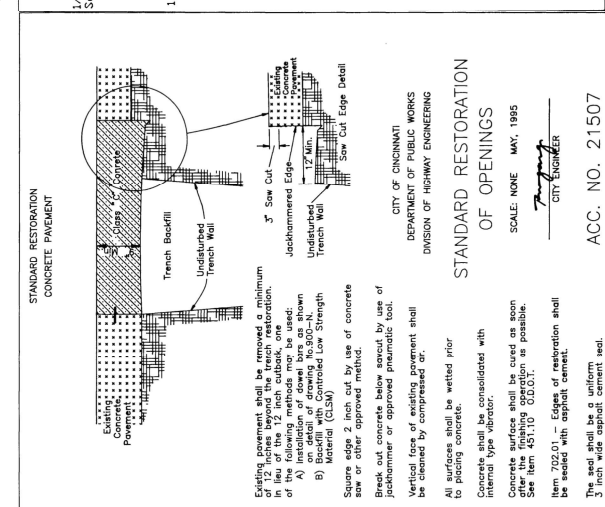


TYPE B-2 CIRCULAR
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
CONCRETE CURBS INTEGRAL WITH CONCRETE BASE
 SCALE: 5/16" = 1'
 FEBRUARY, 1991
 CITY ENGINEER
 ACC. NO. 21431

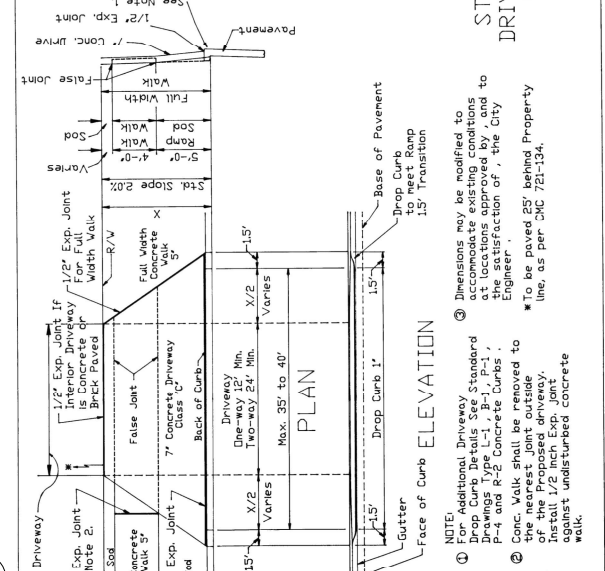
INTERIM INDOOR PRACTICE FACILITY
 621 W MEHRING WAY
 CINCINNATI, OHIO 45202



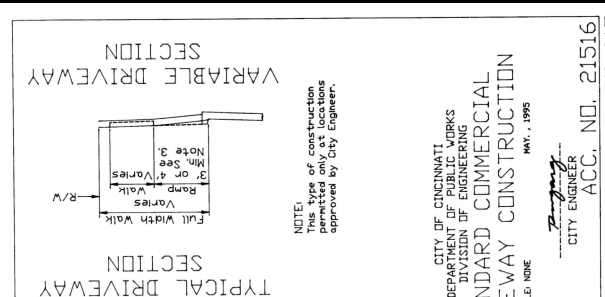
STANDARD RESTORATION BITUMINOUS AGGREGATE BASE
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
STANDARD RESTORATION OF OPENINGS
 SCALE: NONE
 MAY, 1995
 CITY ENGINEER
 ACC. NO. 21507



STANDARD RESTORATION CONCRETE PAVEMENT
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
STANDARD RESTORATION OF OPENINGS
 SCALE: NONE
 MAY, 1995
 CITY ENGINEER
 ACC. NO. 21507

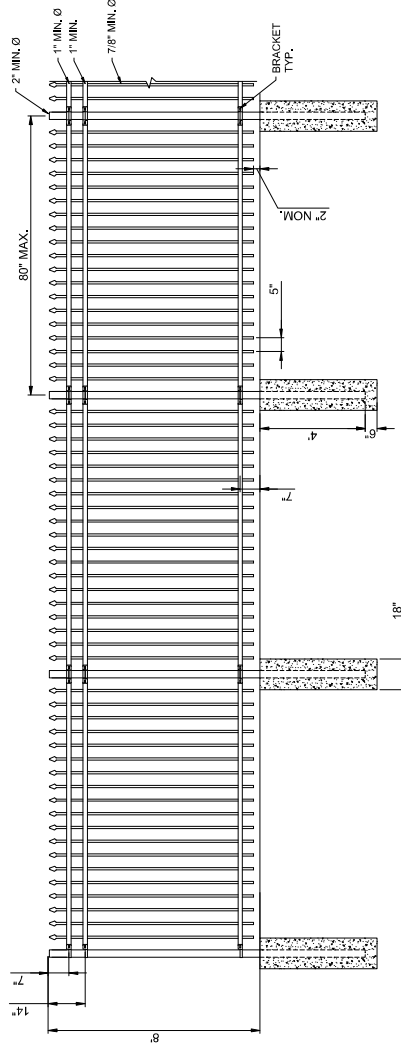
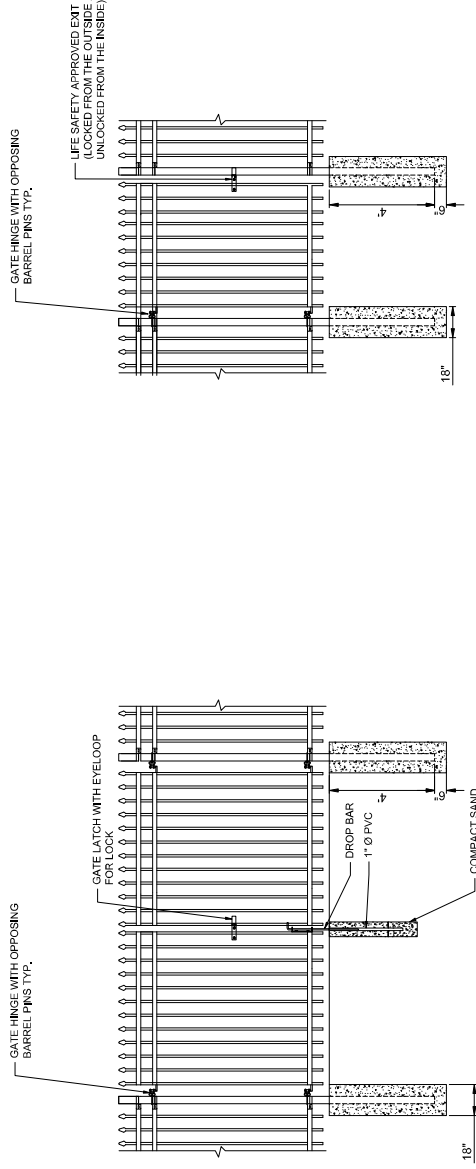


TYPICAL DRIVEWAY
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
STANDARD COMMERCIAL DRIVEWAY CONSTRUCTION
 SCALE: NONE
 MAY, 1995
 CITY ENGINEER
 ACC. NO. 21516

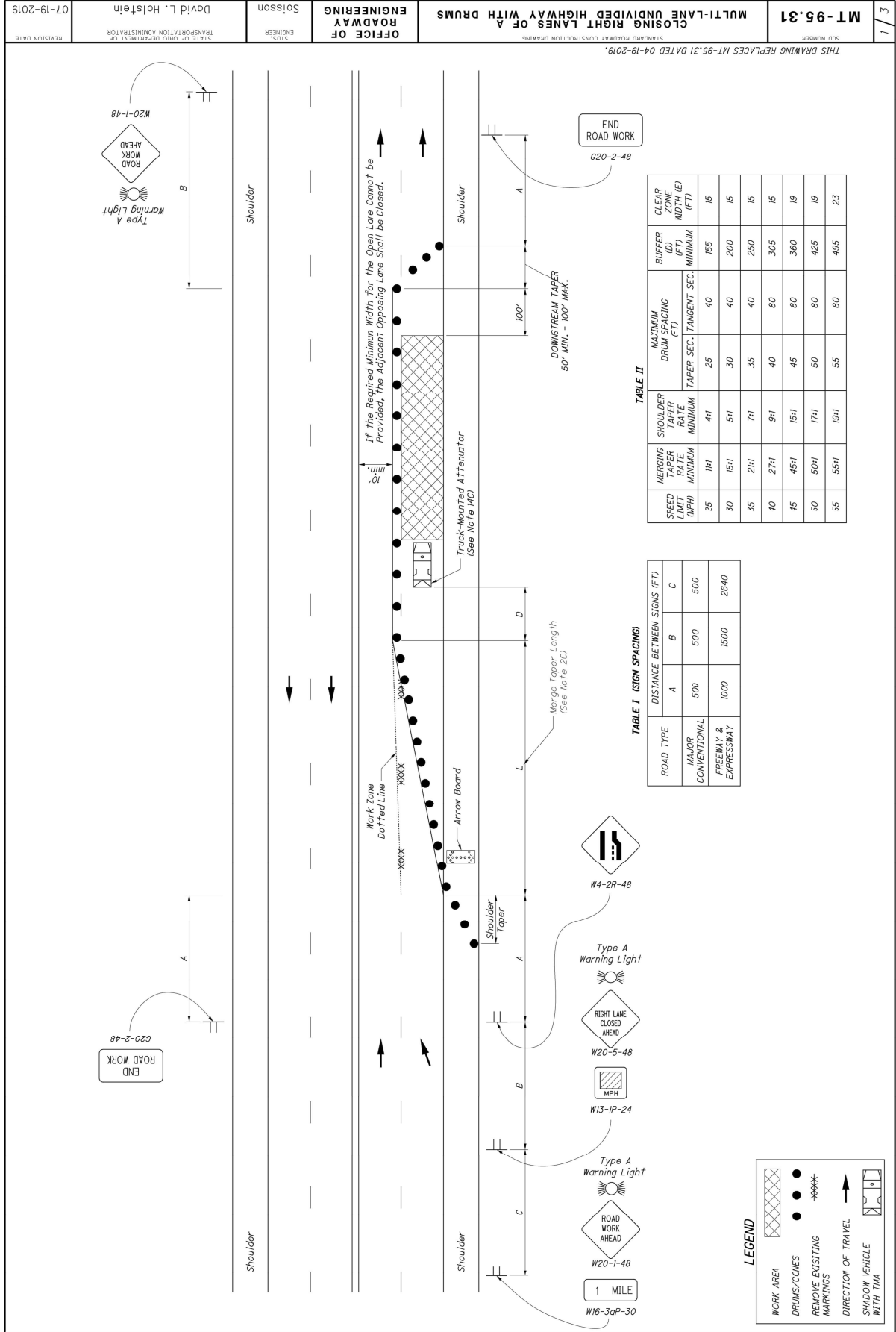


VARIABLE DRIVEWAY
 CITY OF CINCINNATI
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ENGINEERING
STANDARD COMMERCIAL DRIVEWAY CONSTRUCTION
 SCALE: NONE
 MAY, 1995
 CITY ENGINEER
 ACC. NO. 21516

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



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 WATER STREET ENTRANCE
CG102 N.T.S.

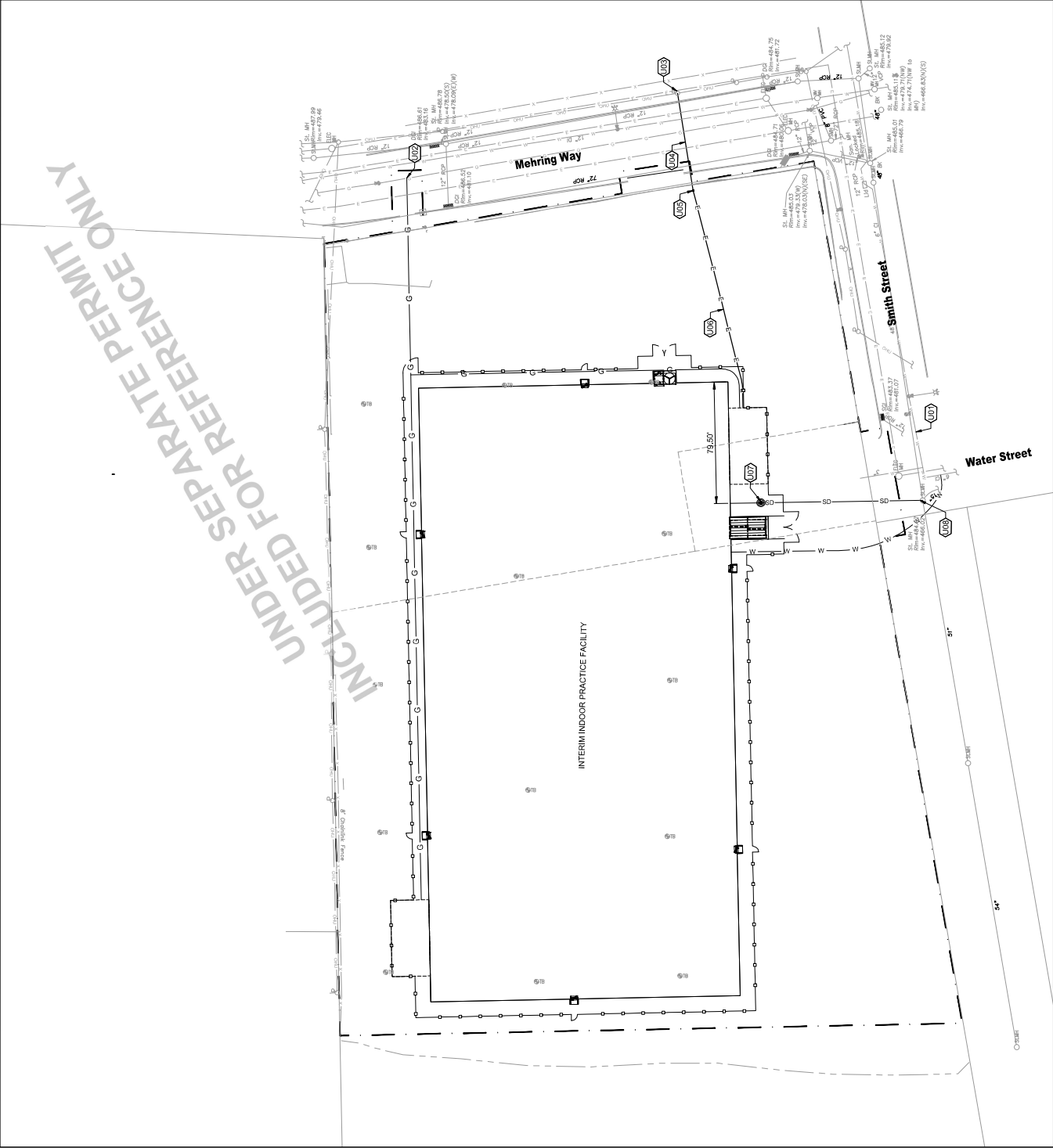
- GENERAL NOTES**
- A CONTRACTOR TO VERIFY LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- B ALL EXISTING UTILITIES ARE TO REMAIN IN USE DURING CONSTRUCTION.

LEGEND

- CONSTRUCTION LIMITS
- W TYPE K FLEXIBLE COPPER WATER SERVICE SEE DETAIL 02/CU001
- SD ODOT TYPE B CONDUIT SEE DETAIL 02/CU001
- G NEW GAS SERVICE SEE DETAIL 02/CU001
- E ELECTRIC CONDUIT SEE DETAIL 02/CU001

DRAWING NOTES

- U01 1" WATER SERVICE TAP SEE DETAIL 01/CU001
- U02 GAS SERVICE POINT OF CONNECTION, COORDINATE WITH DUKE ENERGY
- U03 EXISTING DUKE ELECTRIC UTILITY POLE
- U04 EXISTING DUKE ELECTRIC UTILITY POLE TO BE REMOVED AND NEW DUKE ELECTRIC POLE TO THE NEW POLE
- U05 NEW DUKE ELECTRIC UTILITY POLE WITH NEW HV-480/27.7V, 300KVA TRANSFORMER, COORDINATE EXACT POLE LOCATION WITH DUKE, MINIMUM 2' FROM POLE
- U06 ELECTRICAL CONTRACTOR SHALL PROVIDE UNDERGROUND SECONDARY ELECTRIC ROUTING FROM EXISTING POLE TO PANEL #1 ON ELEVATED PLATFORM
- U07 NEW STORM MANHOLE, SEE PROFILE 01/CU201
- U08 CORE PENETRATION INTO EXISTING PRECAST CONCRETE MANHOLE



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

KZF DESIGN INC.
Engineering & Construction
709 Broadway Street
Cincinnati, OH 45202

main 513.621.5211
kzf.com

UARM
UTILITY ARMED & DANGEROUS

DESIGNED: COMB, LEO
CHECKED: RECONWELL, NICK
DATE: 04/01/2022
DRAWN BY: KHAMMER, DAVE
CHECKED: FORTNER, BRAD
SCALE: 1"=30'

CIVIL SITE
UTILITIES PLAN

ISSUE

CS-101



SCALE 1" = 30'



Call before you dig.

Figure 1 consists of three detailed drawings of a stormwater management system. Drawing (a) is a plan view of a circular stormwater inlet with a diameter of 1.0 m. The inlet is surrounded by a 1.0 m wide concrete curb. The curb is supported by a 1.0 m wide concrete base. The stormwater inlet is connected to a 1.0 m wide concrete pipe. Drawing (b) is a cross-section view of the stormwater management system showing the stormwater inlet, the concrete curb, and the concrete base. The stormwater inlet is 1.0 m wide and 1.0 m deep. The concrete curb is 1.0 m wide and 1.0 m high. The concrete base is 1.0 m wide and 1.0 m high. Drawing (c) is a cross-section view of the stormwater management system showing the stormwater inlet, the concrete curb, and the concrete base. The stormwater inlet is 1.0 m wide and 1.0 m deep. The concrete curb is 1.0 m wide and 1.0 m high. The concrete base is 1.0 m wide and 1.0 m high.

Storm Manhole Cover - 120362
Or Stormwater Approved Substitution

[illegible]

01
CU501

DEVELOPED FLOW LINE

PLAN
MANHOLE BASE

PIPE DIAMETER	(INCHES)		UP TO 1 1/2"
	B	D	
8" THRU 16"	48"	2'-3"	UP TO 1 1/2"
21" & 24"	60"	3'-0"	"
27' - 36"	60"	2'-3"	UP TO 1 1/2"

* MOVABLE PANEL CONSTRUCTION MAY BE USED PROVIDING 5" MIN. THICKNESS PROVIDED.

REINFORCEMENT STEEL
PER A.S.T.M. C478

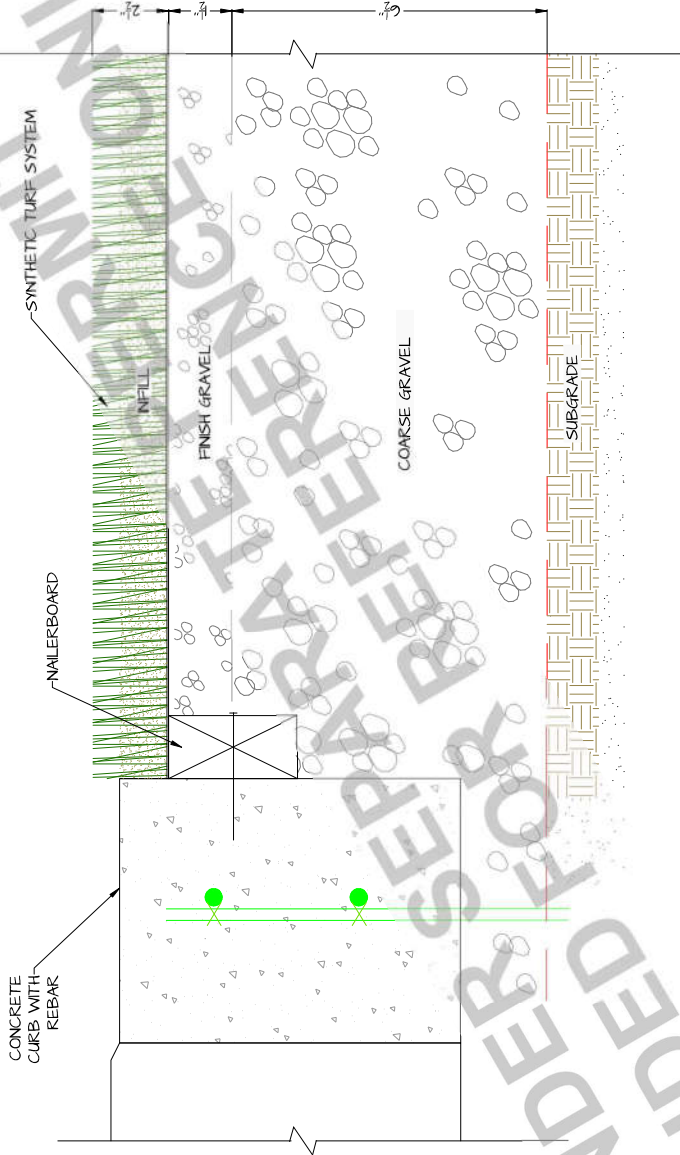
DIAMETER	E REINFORCING ITEM		F
	A	B	
48"	A = 0.12 SQ. IN./FT. (CIRCUMFERENTIAL)	A = 0.12 SQ. IN./FT. (BOTH WAYS)	0.12 SQ. IN./FT. (BOTH WAYS)
60"	A = 0.12 SQ. IN./FT. (CIRCUMFERENTIAL)	A = 0.12 SQ. IN./FT. (BOTH WAYS)	0.12 SQ. IN./FT. (BOTH WAYS)

[illegible]

04/01/2022	PROGRESS REVIEW SET	CU502	DRAWING NUMBER	ISSUE
CIVIL UTILITY DETAILS				

04/01/2022 PROGRESS REVIEW SET

The Motz Group <i>Building Fields. Building Futures.</i> 3607 Church Street Suite 300 Cincinnati, OH, USA	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 Curb Detail Motz Synthetic Turf Field 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
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GENERAL NOTES

1. THE CONTRACTOR SHALL CONDUCT ALL OPERATIONS IN STRICT ACCORDANCE WITH THE SAFETY REQUIREMENTS IMPOSED BY THE OWNER AND OSHA. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS GOVERNING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
2. THIS STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER IT IS FULLY COMPLETED. HOWEVER, THE CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCES REQUIRED TO ENSURE STABILITY OF THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
3. EXISTING UTILITIES AND ALL OTHER OBSTRUCTIONS TO WORK SHALL BE TEMPORARILY REMOVED AND RE-INSTALLED (INCLUDING NECESSARY MODIFICATIONS) BY THE CONTRACTOR AFTER COMPLETION OF NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
4. ALL DETAILS, SECTIONS, AND NOTES PROVIDED ON STRUCTURAL DRAWINGS ARE INTENDED TO BE TYPICAL FOR SIMILAR SITUATIONS ELSEWHERE. UNLESS SPECIFICALLY NOTED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
5. YEADON DOME DRAWINGS, ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS ARE INTENDED TO CONFORM WITH THE INFORMATION PROVIDED ON YEADON DOME DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
6. OPENING SIZES AND LOCATIONS SHOWN FOR PIPES, DUCTS, ETC. ARE SHOWN FOR GENERAL INFORMATION ONLY. REFER TO RELATED DRAWINGS (ARCH, MECH, ELEC, ETC.) FOR SPECIFIC SIZES AND LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
7. ALL FRAMING MEMBERS PROVIDED FOR MECHANICAL, TRADES, ETC. ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR SHALL SUBMIT MANUFACTURER'S DESIGN DATA FOR ALL FRAMING MEMBERS TO THE GENERAL CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
8. ALL SPECIAL INSPECTIONS REQUIRED BY THE BUILDING OFFICIAL SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE GOVERNING BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
9. REFER TO SHEET 5-401 FOR SHOP DRAWINGS AND SUBMITTALS REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
10. SHOP DRAWINGS AND SUBMITTALS PREPARED BY SUPPLIERS AND/OR SUBCONTRACTORS SHALL BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION TO THE BUILDING OFFICIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.

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 OUTLINED IN THE FOUNDATION DESIGN REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
3. ALL EXCAVATION AND FILL SHALL BE PERFORMED ACCORDING TO THE ABOVE REFERENCED GEOTECHNICAL REPORT.
4. THE FOUNDATION DESIGN IS BASED UPON THE RECOMMENDATIONS OUTLINED IN THE FOUNDATION DESIGN REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
5. SHALLOW SPREAD FOOTINGS BEARING ON NATURAL SOIL OR NEW GRANULAR SOILS UNSUITABLE FOR SUPPORTING FOUNDATIONS SHALL BE REMOVED AND BACKFILLED TO THE DESIGN BEARING ELEVATION, AS DIRECTED BY THE GEOTECHNICAL ENGINEER, AND UNLESS NOTED OTHERWISE, ALL FOOTINGS MAY BE POURED NEAR (WITHOUT SIDE FORMS) WHERE SOIL CONDITIONS PERMIT.
7. ALL ANCHOR BOLTS AND CABLE ANCHORS SHALL BE SET BY A TEMPLATE METHOD PRIOR TO CONCRETE PLACEMENT.

CAST-IN-PLACE CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ACI 308 SPECIFICATIONS FOR STRUCTURAL CONCRETE AND ACI 117 STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:
 - A. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
 - B. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
2. ALL CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH (F_c):
 - A. ALL CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH (F_c):
 - B. ALL CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH (F_c):
3. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
4. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
5. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
6. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
7. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
8. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
9. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
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19. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
20. ALL CONCRETE SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.

STRUCTURAL STEEL

1. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT AISC 360 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND AISC 308 CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:
 - A. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
 - B. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
2. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
3. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
4. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
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7. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
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10. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.
11. ALL STRUCTURAL STEEL SHALL BE PLACED AND FINISHED WITHIN THE SPECIFIED TIME FRAME FOR TYPE II PORTLAND CEMENT CONCRETE.

SHOP DRAWINGS AND SUBMITTALS

1. SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE PROJECT AND PREPARED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE GENERAL CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO SUBMISSION TO THE BUILDING OFFICIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
2. ALL SHOP DRAWINGS AND SUBMITTALS SHALL BE SUBMITTED TO THE GENERAL CONTRACTOR FOR REVIEW AND APPROVAL PRIOR TO SUBMISSION TO THE BUILDING OFFICIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL AREAS OF THE PROJECT AT ALL TIMES.
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SPECIAL INSPECTION GENERAL NOTES

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UNDER SEPARATE PERMIT
INCLUDED FOR REFERENCE ONLY

STRUCTURAL DESIGN DATA

GOVERNING DESIGN SPECIFICATION
2017 OHIO BUILDING CODE

RISK CATEGORY

II (IBC 1604.5/ASCE 7-1.5)
100 PSF (IBC 1607.11/ASCE 7-4.3.1)

FLOOR LIVE LOADS
MECHANICAL PLATFORM

SNOW LOAD DESIGN DATA

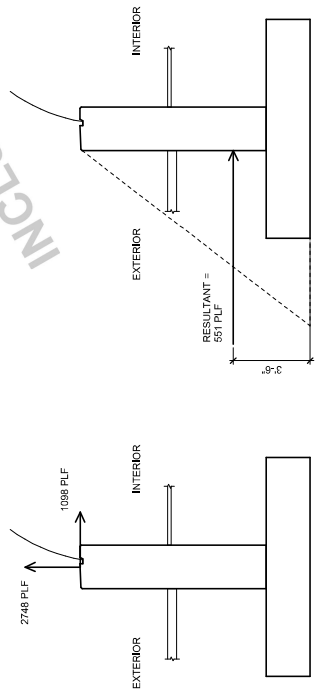
ROOF SNOW LOAD:
A. GROUND SNOW LOAD (P_g)
B. SNOW LOAD IMPORTANCE FACTOR (I_s)
1.00 (IBC 1608.1/ASCE 7-7.2)
1.00 (IBC 1608.1/ASCE 7-7.2.3)

WIND LOAD DESIGN DATA

WIND LOAD:
A. BASIC WIND SPEED (3-SECOND GUST):
B. ENCLOSURE CLASSIFICATION:
C. WIND EXPOSURE CATEGORY:
115 MPH (IBC 1609.3/ASCE 7-26.5.1)
ENCLOSED C (IBC 1609.4/ASCE 7-26.7.3)

SEISMIC LOAD DESIGN DATA

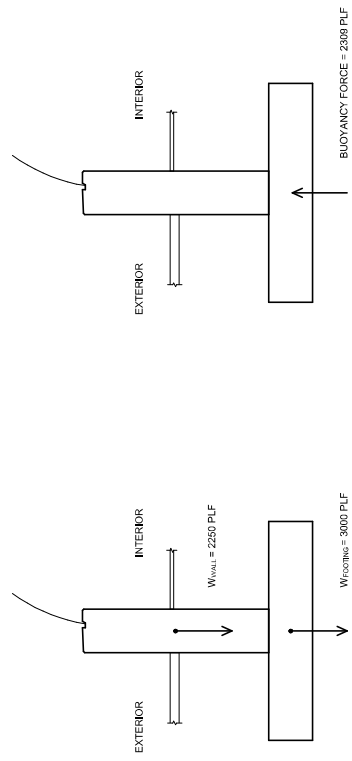
SEISMIC DESIGN DATA:
A. SEISMIC IMPORTANCE FACTOR (I_p):
B. SPECTRAL RESPONSE ACCELERATIONS (S_s):
C. SPECTRAL RESPONSE ACCELERATIONS (S_1):
D. SOIL SITE CLASS (PRESUMED) (S_{st}):
E. SPECTRAL RESPONSE COEFFICIENT (S_{st}):
1.00 (ASCE 7-11.5)
0.145g (IBC 1613.3.1/ASCE 7-11.4.1)
0.077g (IBC 1613.3.2/ASCE 7-11.4.2)
D (IBC 1613.3.3/ASCE 7-11.4.3)
0.155g (IBC 1613.3.4/ASCE 7-11.4.4)
0.128g (IBC 1613.3.5/ASCE 7-11.4.5)
B (IBC 1613.3.6/ASCE 7-11.5)



WIND LOADS

HORIZONTAL WIND LOAD
NOT CONCURRENT WITH
FLOOD CONDITIONS
DESIGN BASIS = WIND LOAD
(WIND LOAD EXCEEDS
HYDROSTATIC LOAD)

HYDROSTATIC LOADS



FOOTING AND WALL MASS

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)

BUOYANCY FORCE

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

DESIGN DATA
AND LOADING
DIAGRAMS

S-003

04-01-2022 PROGRESS REVIEW SET

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

KZF DESIGN
Designing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.821.0211
kzf.com

DESIGNED: JACOB NO. 000000
VERIFIED: JACOB NO. 000000
DRAWN: JACOB NO. 000000
CHECKED: JACOB NO. 000000
VERIFIED: JACOB NO. 000000

INTERIM INDOOR PRACTICE FACILITY

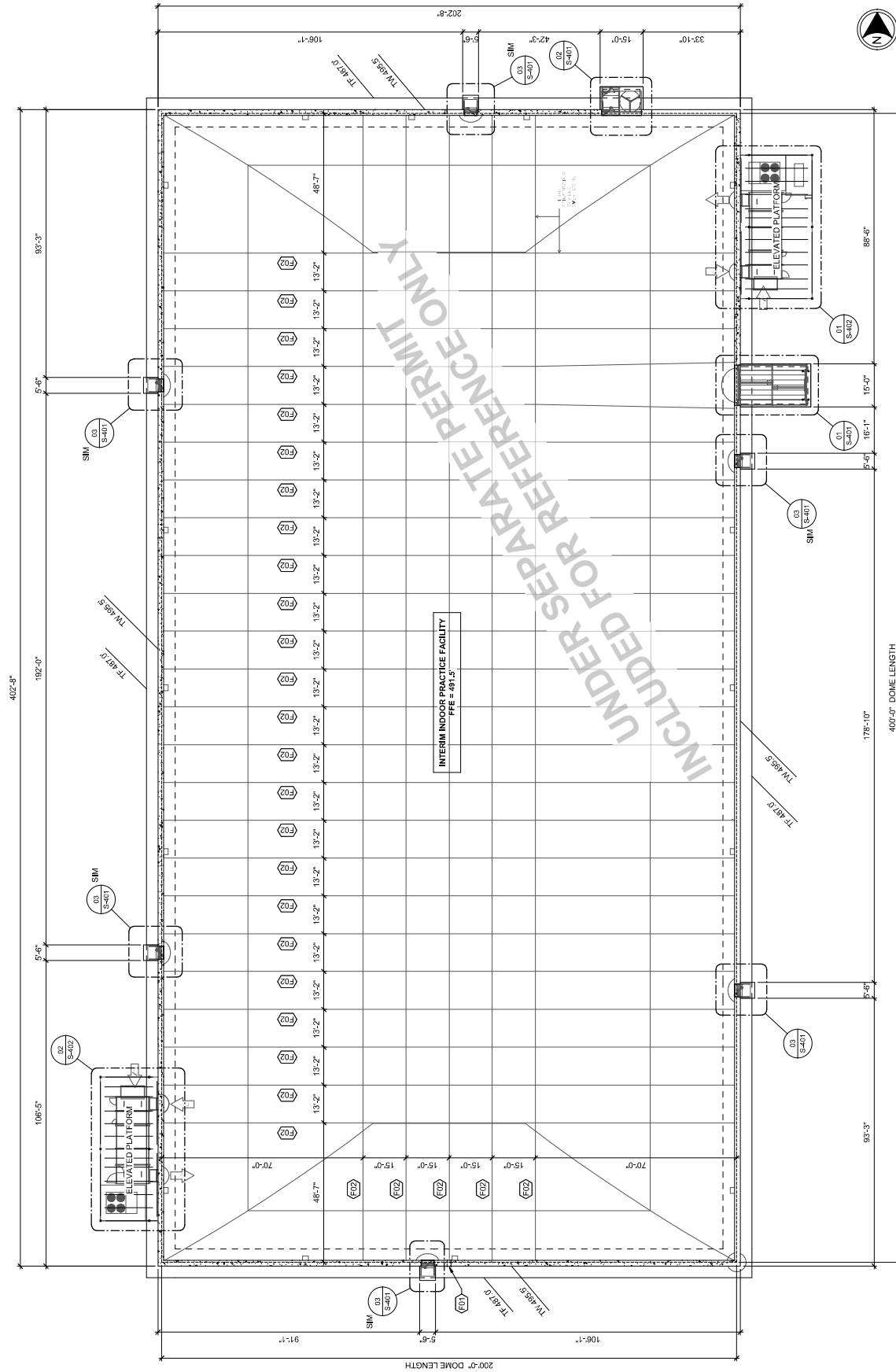
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GENERAL NOTES

DRAWING NOTES

F01 WALL PENETRATION OF 18" DIA COLLECTOR PIPE. REFER CIVIL FOR INVERT ELEVATION. REFER DETAIL 06S-501 FOR ROUND WALL PENETRATION DETAIL.

F02 CABLE ATTACHMENT. REFER DETAIL 02IS-502 FOR ANCHOR AND SUPPLEMENTAL REINFORCEMENT.



01 FOUNDATION PL

INCLUDED FOR REFERENCE ONLY
UNDER SEPARATE PERMIT

INTERIM INDOOR PRACTICE FACILITY

621 W Mehning Way
Cincinnati, OH 45202



Designing Great Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

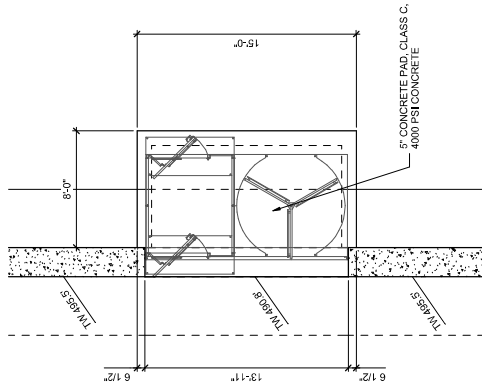
main 513.621.0211
kzf.com

DESIGNED	OWNER
DATE	NO. 00
DESIGNED	DATE
DATE	03/11/22
CHECKED	PROJECT
DATE	SCHULTZ

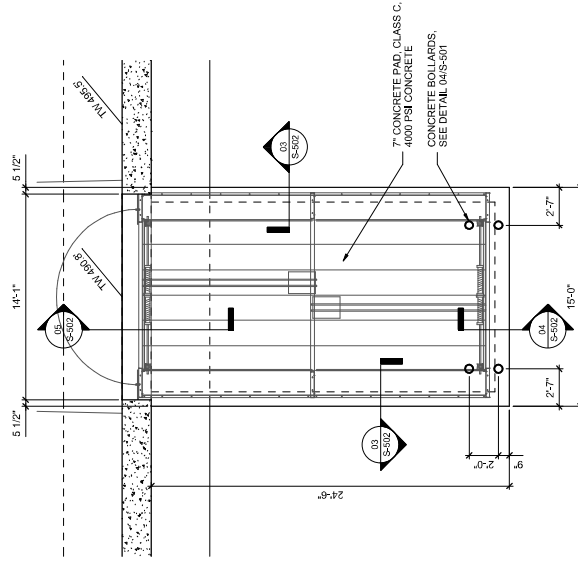
WALL
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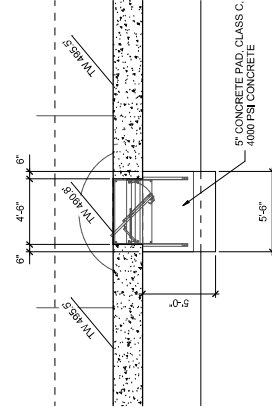
ISSUE



02 ENLARGED FOUNDATION PLAN
S-401 1/4" = 1'-0"

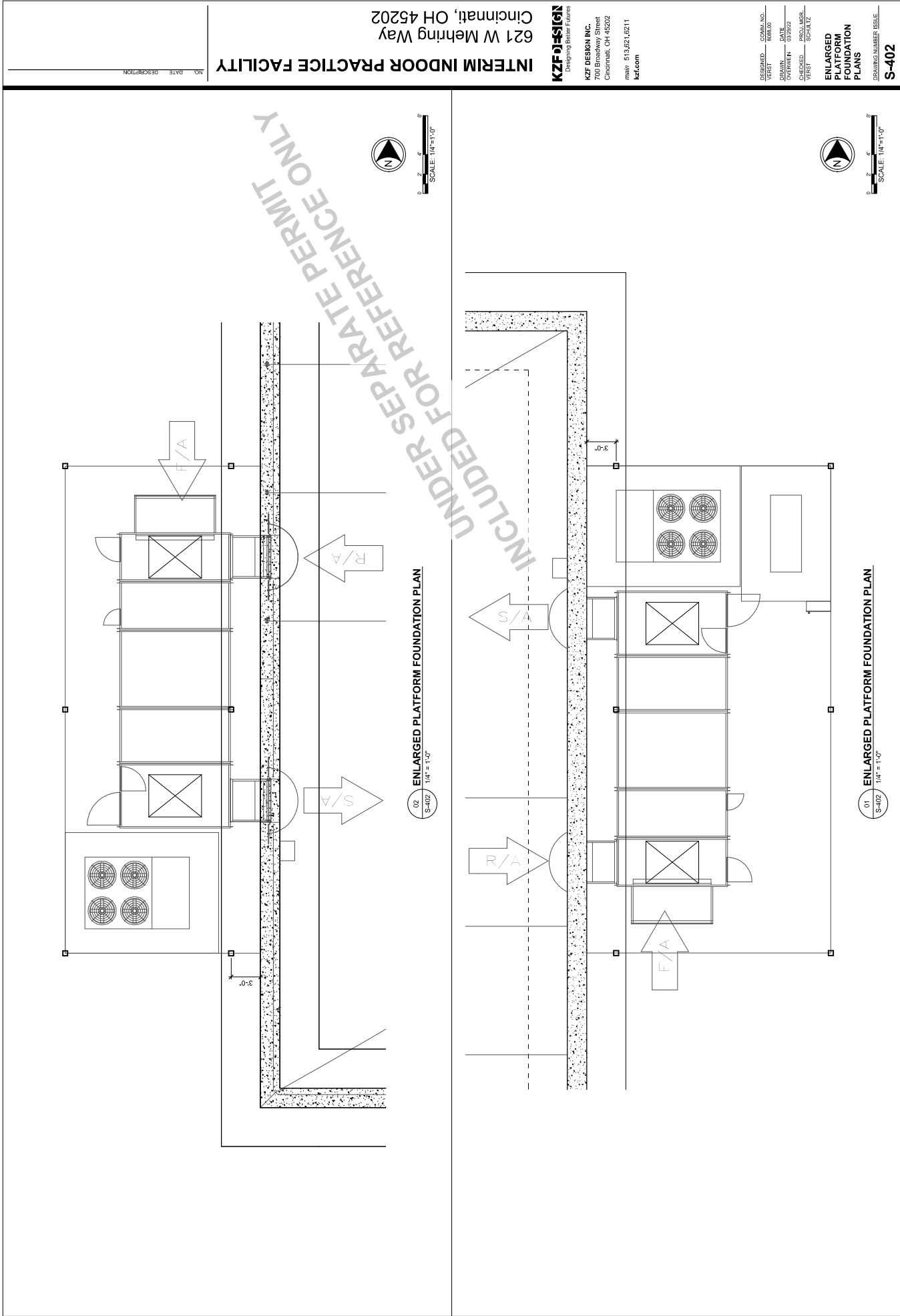


01 ENLARGED FOUNDATION PLAN
S-401 1/4" = 1'-0"



03 ENLARGED FOUNDATION PLAN
S-401 1/4" = 1'-0"

INCLUDED FOR REFERENCE ONLY



INTERIM INDOOR PRACTICE FACILITY

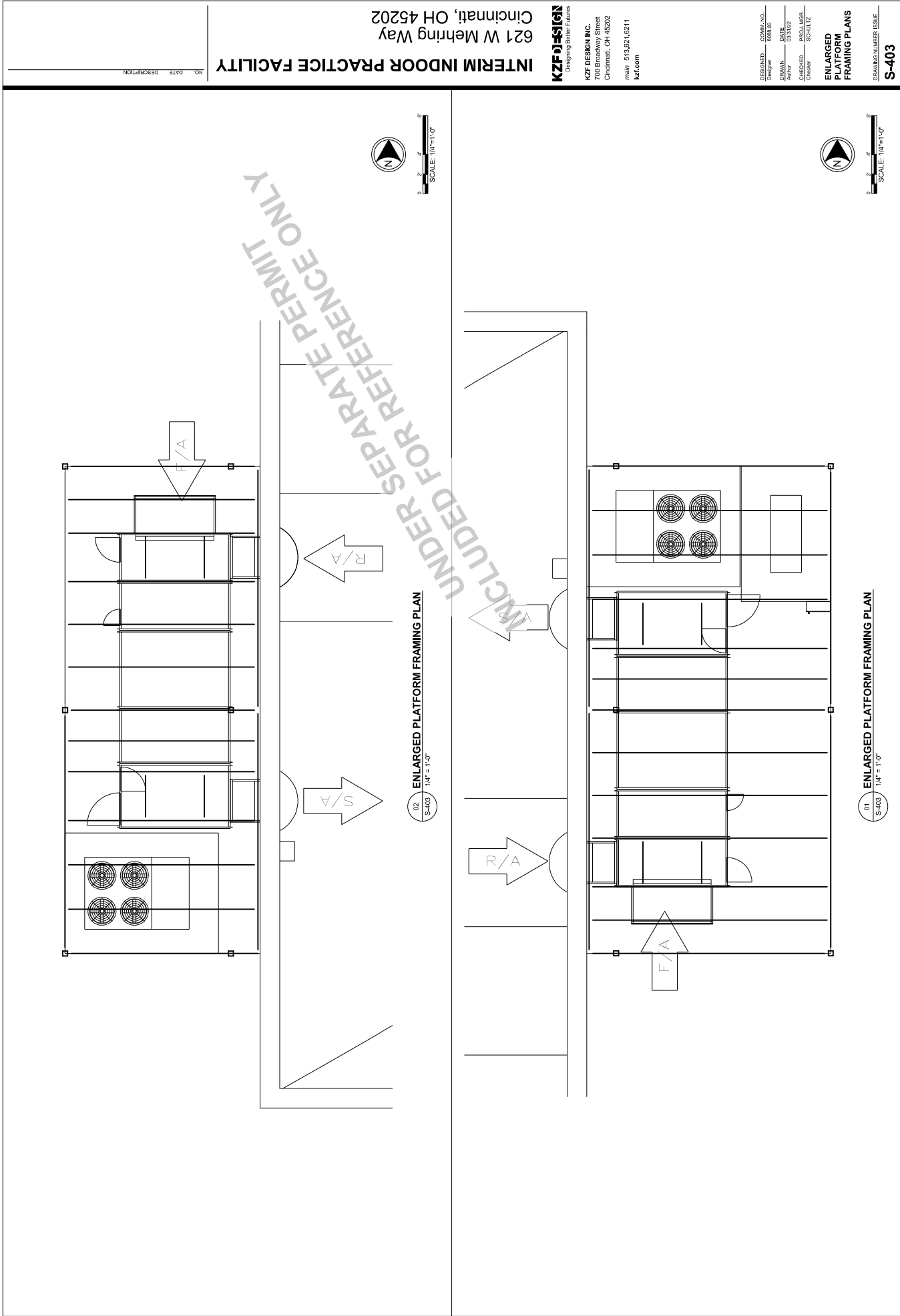
621 W Mehnig Way
Cincinnati, OH 45202

KZF DESIGN
Designing Better Futures
KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
main 513.621.0211
kzf.com

DESIGNED VERST	OWNER NOVA
DRAWN OVERMAN	DATE 03/28/22
CHECKED VERST	PROJECT SCHULTZ

ENLARGED
PLATFORM
FOUNDATION
PLANS

DRAWING NUMBER
S-402



INTERIM INDOOR PRACTICE FACILITY

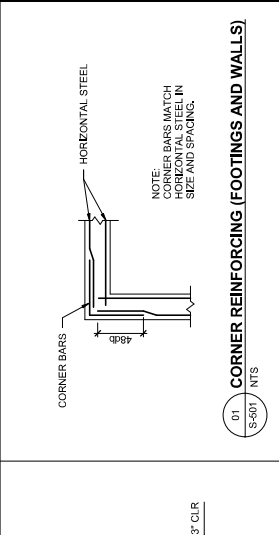
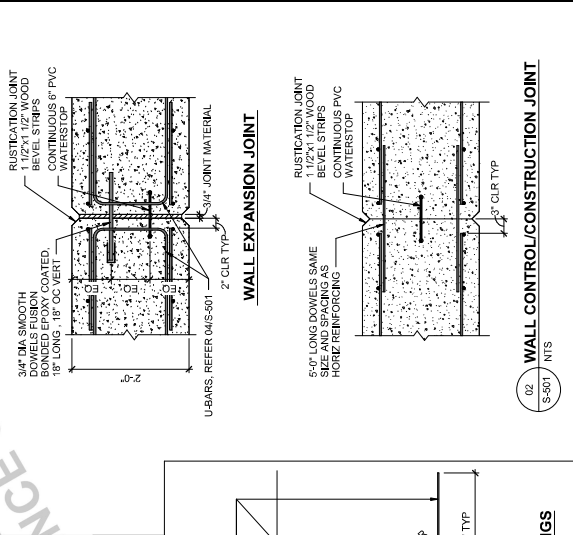
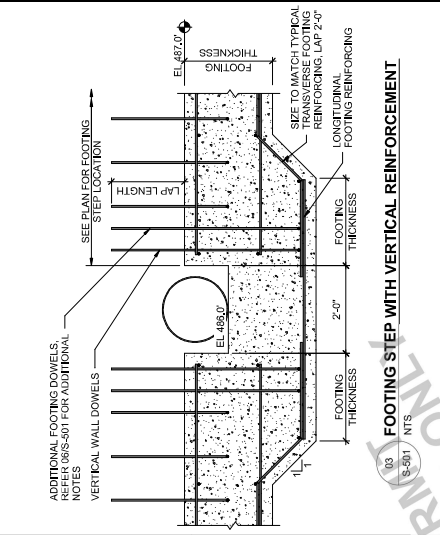
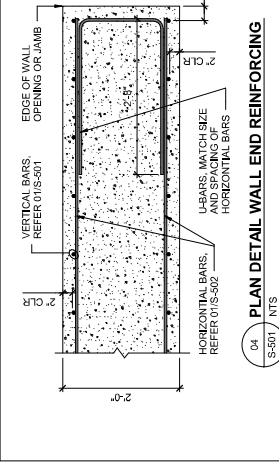
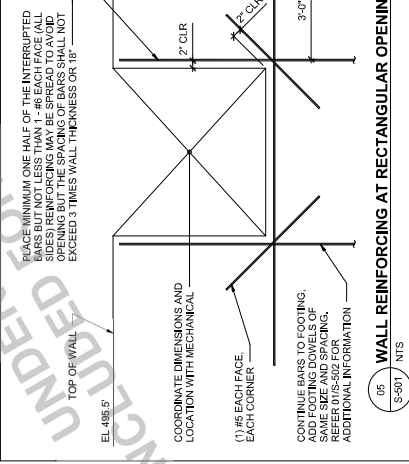
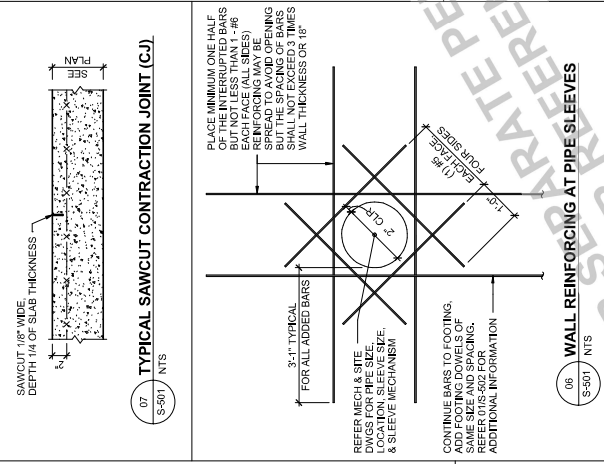
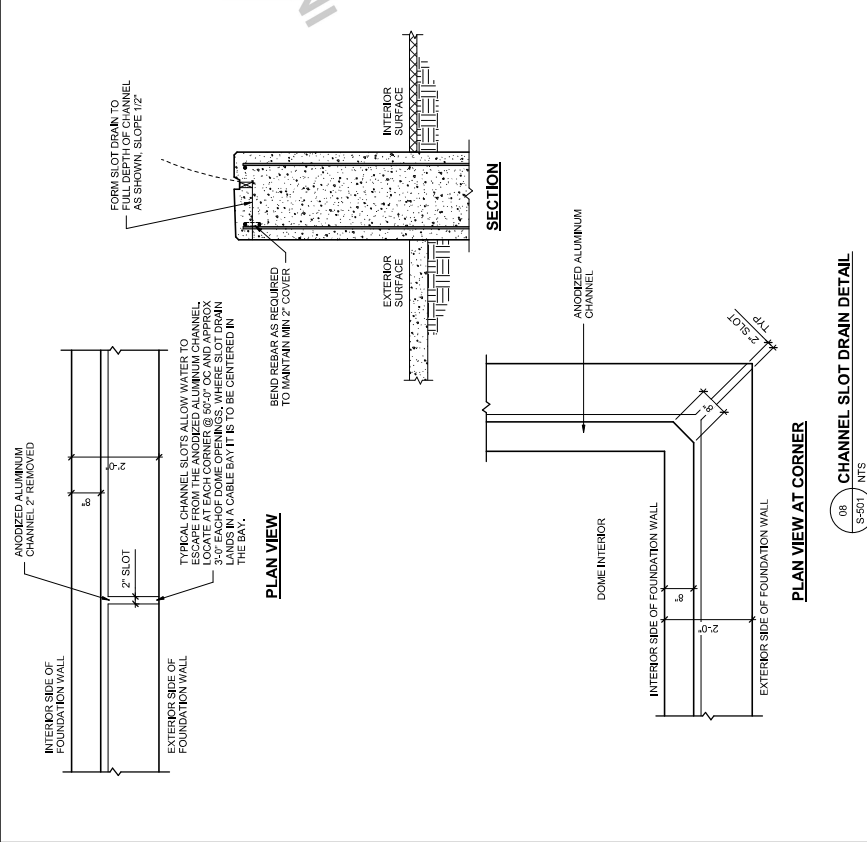
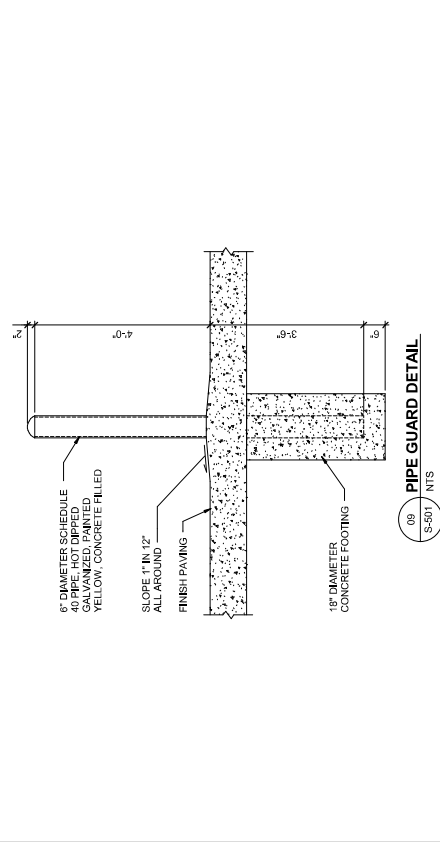
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Cincinnati, OH 45202

KZF DESIGN
Designing Great Futures
KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
main 513.621.0211
kzf.com

DESIGNED: COWI, INC.
DATE: 06/01/20
DRAWN: ADITYA
DATE: 03/11/22
CHECKED: PRINCE, MPR
COWI

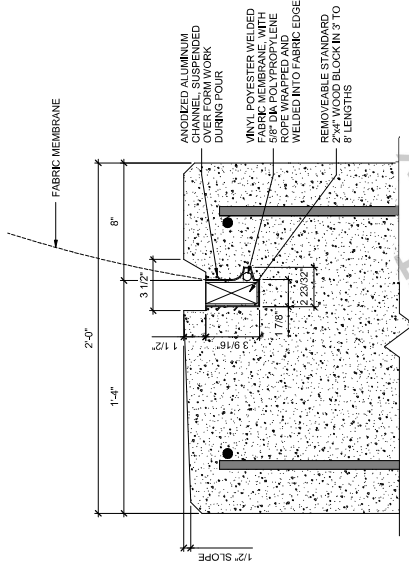
ENLARGED
PLATFORM
FRAMING PLANS
DRAWING NUMBER: ISSUE

S-403

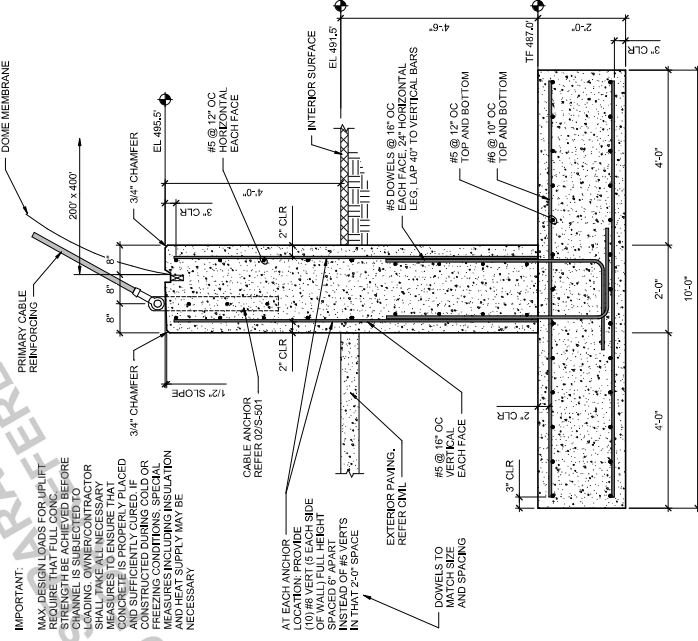


INTERIM INDOOR PRACTICE FACILITY

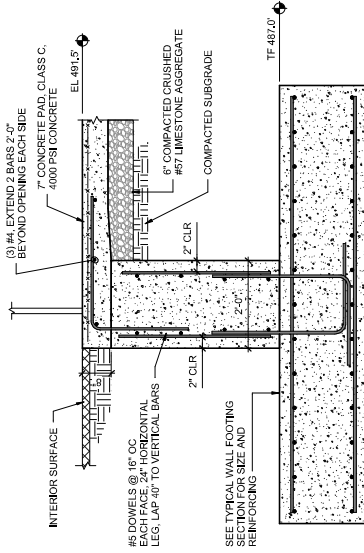
NO.	DATE	DESCRIPTION
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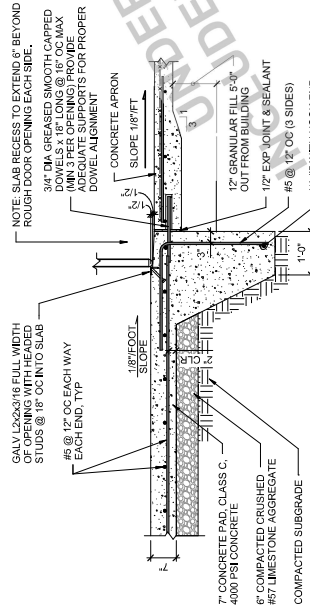
TYPICAL TOP OF FOUNDATION WALL DETAIL



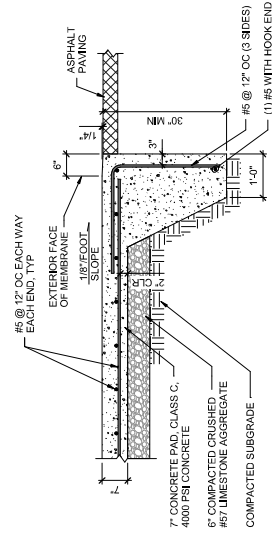
01 PERIMETER FOUNDATION WALL



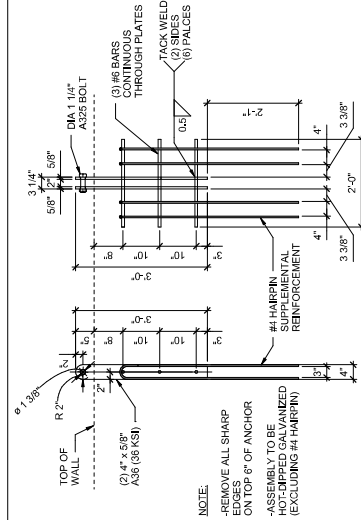
05 CONCRETE PAD AT DOOR OPENING
S-502 NTS



04	CONCRETE PAD AT OVERHEAD DOOR
S-502	NTS



03 CONCRETE PAD AT OVERHEAD DOOR
-502 NTS



02 CABLE ANCHOR

NOTE:

- REMOVE ALL SHARP EDGES ON TOP 6" OF ANCHOR
- ASSEMBLY TO BE HOT-DIPPED GALVANIZED

S-503

DRAWING NUMBER ISSUE

DETAILS

FRAMING

BIATEORM

CHECKED	PROJ. MGR.
Checker	SCHULTZ

Author 03/31/22

University of Illinois at Chicago

DESIGNED COMM. NO.

10

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10

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FIGURE 1

main 513.621.6211

Cincinnati, OH 45202

700 Broadway Street

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WISN-TV

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C
9
NI

621 W Mehring Way
Cincinnati, OH 45202

A

INTERIM INDOOR PRACTICE FACILITY

NO.	DATE	DESCRIPTION
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[illegible]

PROJECT NORTH



SEAL:

FOR REFERENCE ONLY

PROJECT:
CINCINNATI
BENGALS
PRACTICE DOME

PROJECT LOCATION:
CINCINNATI, OH.

DRAWING:
PI AN VIEW

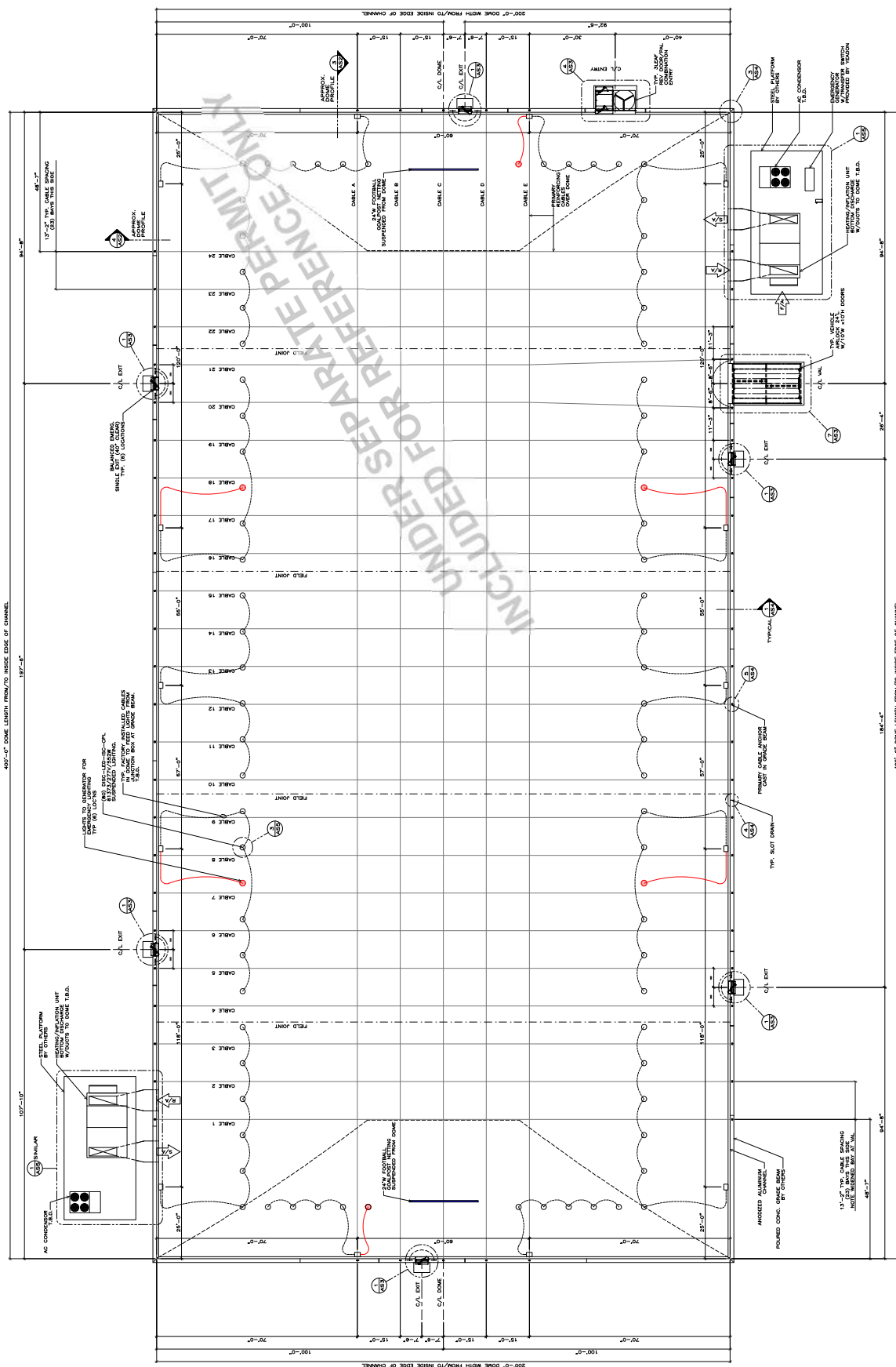
SCALE: 1/16"=1'-0"

DATE: _____

31/MAR/22	DRAWN BY: D.K./R.K.	APPROVED BY: D.K.
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PROJECT NO.:	22304
DWG. NO.:	AS1

22304 A



Year	Number of cases	Number of deaths	Number of cases per 100,000	Number of deaths per 100,000
1990	1,000	100	10.0	1.0
1991	1,100	110	11.0	1.1
1992	1,200	120	12.0	1.2
1993	1,300	130	13.0	1.3
1994	1,400	140	14.0	1.4
1995	1,500	150	15.0	1.5
1996	1,600	160	16.0	1.6
1997	1,700	170	17.0	1.7
1998	1,800	180	18.0	1.8
1999	1,900	190	19.0	1.9
2000	2,000	200	20.0	2.0
2001	2,100	210	21.0	2.1
2002	2,200	220	22.0	2.2
2003	2,300	230	23.0	2.3
2004	2,400	240	24.0	2.4
2005	2,500	250	25.0	2.5
2006	2,600	260	26.0	2.6
2007	2,700	270	27.0	2.7
2008	2,800	280	28.0	2.8
2009	2,900	290	29.0	2.9
2010	3,000	300	30.0	3.0
2011	3,100	310	31.0	3.1
2012	3,200	320	32.0	3.2
2013	3,300	330	33.0	3.3
2014	3,400	340	34.0	3.4
2015	3,500	350	35.0	3.5
2016	3,600	360	36.0	3.6
2017	3,700	370	37.0	3.7
2018	3,800	380	38.0	3.8
2019	3,900	390	39.0	3.9
2020	4,000	400	40.0	4.0

Year	Number of cases	Number of deaths	Number of cases per 100,000	Number of deaths per 100,000
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2019	3,900	390	39.0	3.9
2020	4,000	400	40.0	4.0

[illegible]

SEAL:

FOR REFERENCE ONLY

PROJECT: CINCINNATI
BENGALS
PRACTICE DOME

PROJECT LOCATION:
CINCINNATI, OH.

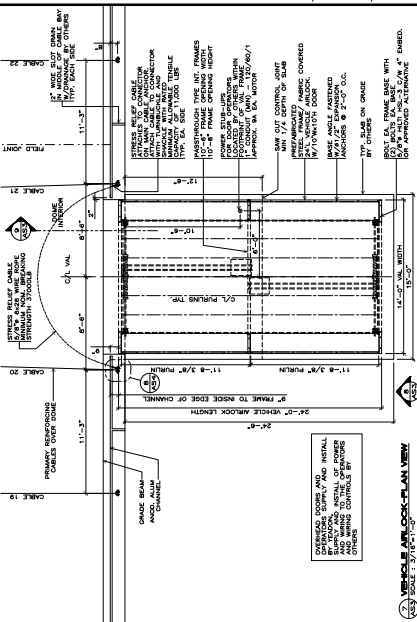
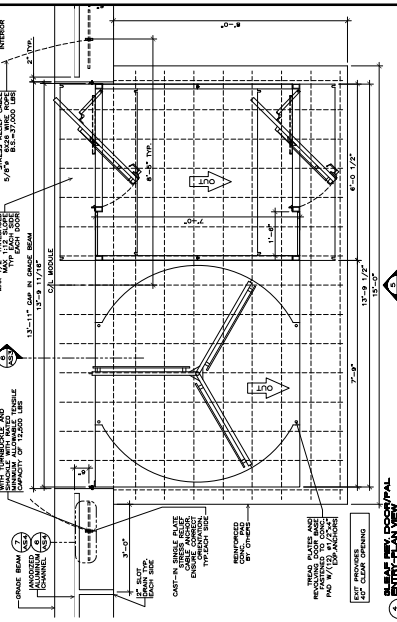
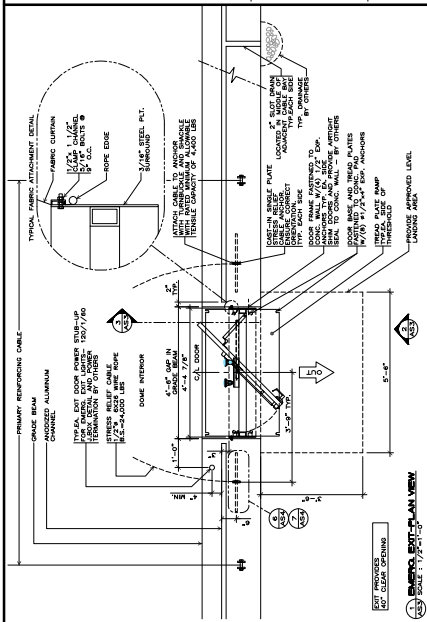
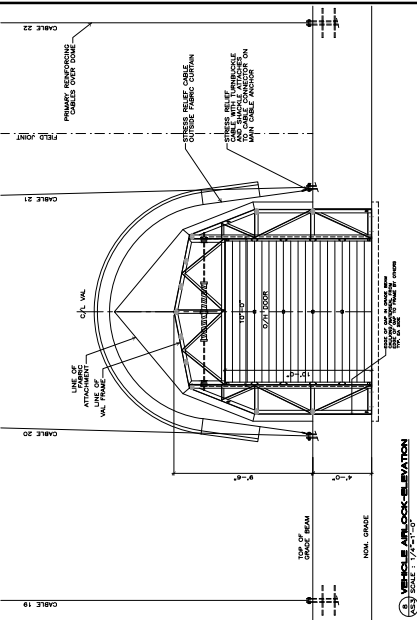
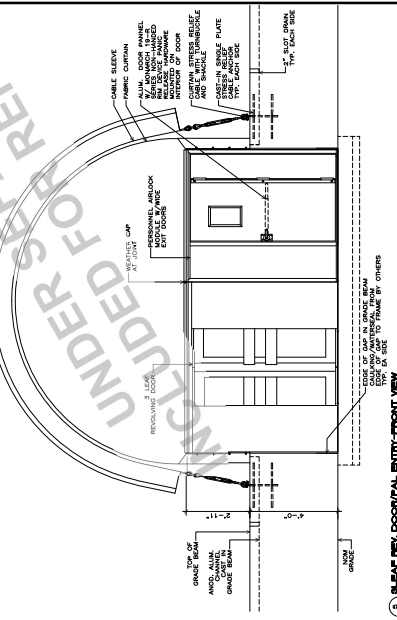
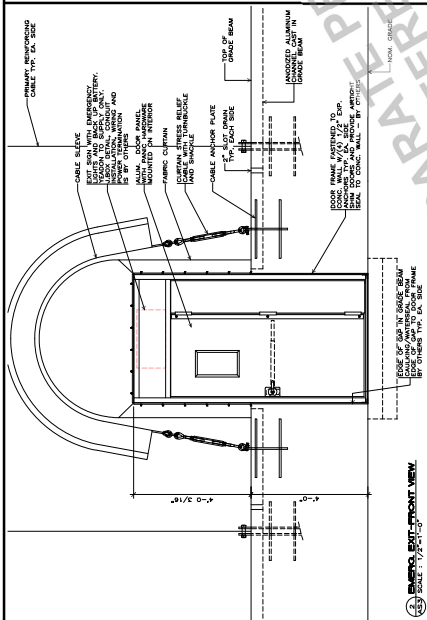
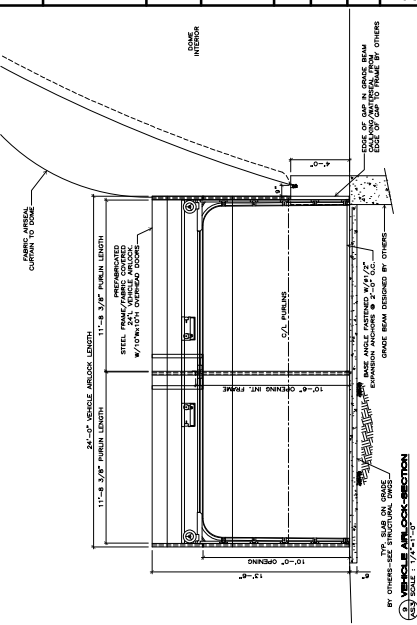
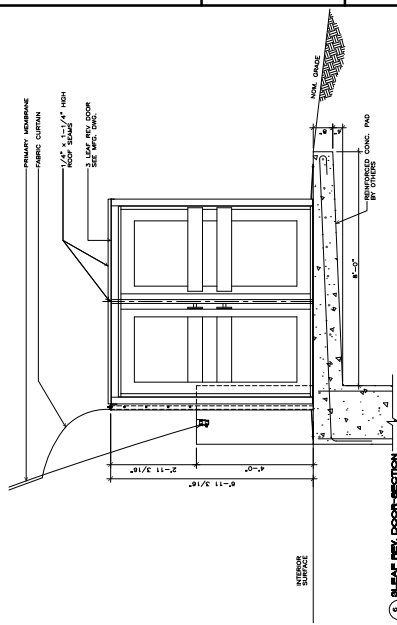
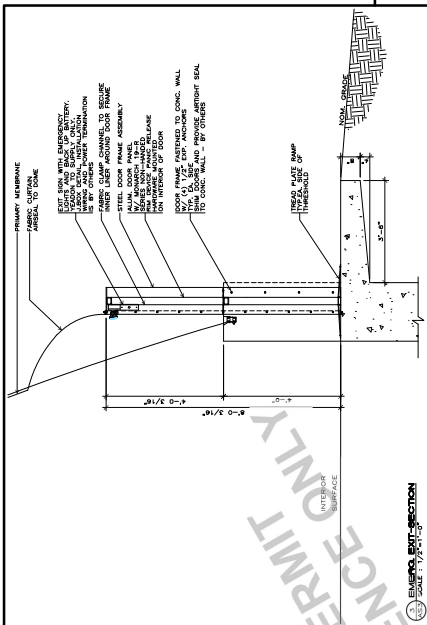
DRAWING: DOOR

SCALE:
AS NOTED

DATE: _____

DRAWN BY:	APPROVED BY:
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PROJECT NO.: 22304
DWS. NO.: AS-3





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[illegible]

SFAI:

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PROJECT:
CINCINNATI
BENGALS
PRACTICE DOME

PROJECT LOCATION:
CINCINNATI, OH.

DRAWING:
DETAILS

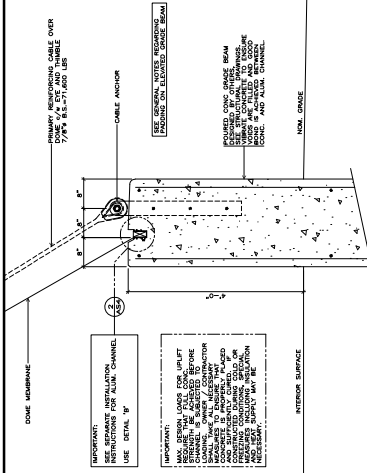
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AS NOTED

DATE: _____

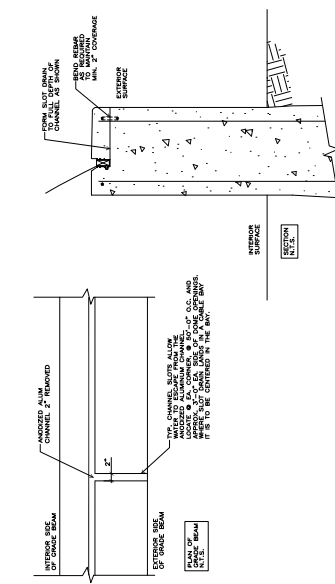
DRAWN BY:	APPROVED BY:
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R.K.	DWG. NO.:
PROJECT NO.:	

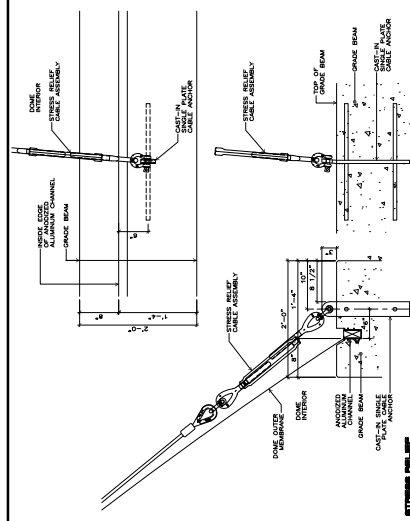
22304	AS-4
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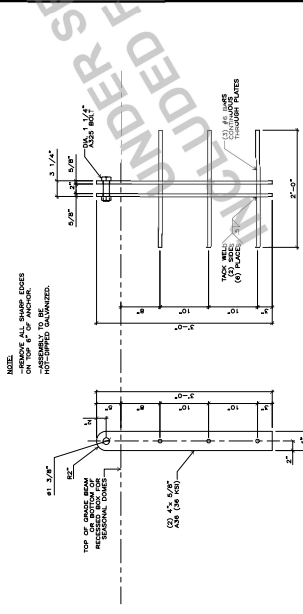
Fabric Loads at Channel					
(for grade beam design)					
	Vertical	Horizontal	Forward	Down Ends	
Infillion	Infillion	936	616	936	616
	External	1159	936	1312	936
	Total (1,000)	2095	2074	2074	2402
	Total (0.600)	1632	2024	2024	1772
Tensile	Infillion	675	975	975	975
	External	1422	1362	1362	1362
	Total (1,000)	2397	3337	3337	2310
	Total (0.600)	1859	2663	2663	1710
Horizontal	Infillion	373	713	713	713
	External	825	429	429	429
	Total (1,000)	1208	707	707	707
	Total (0.600)	762	561	561	561
Weight of Channel		54.57	76.69		85



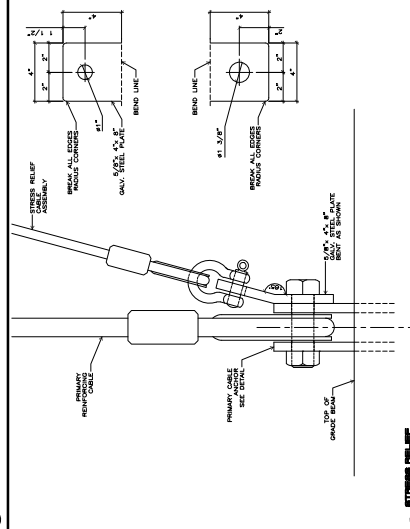
4. CHANNEL SLOT DRAIN DETAIL



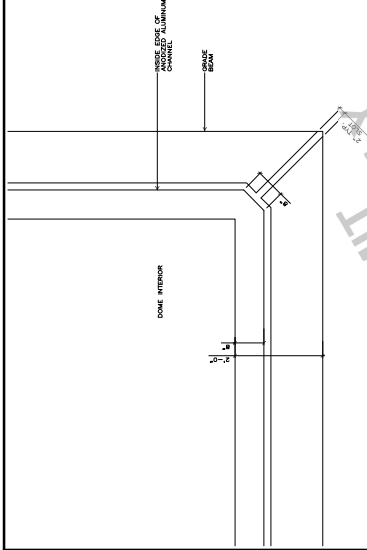
7 ANCHOR PLACEMENT DETAIL
AS4 SCALE: 1"=1'-0"



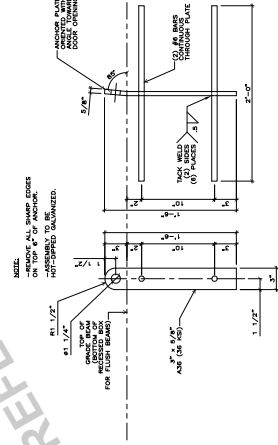
5 CABLE ANCHOR DETAIL



STRESS RELIEF
CONNECTOR DETAIL
SCALE : 3"=1'-0"



3 CHANNEL CORNER DETAIL
AS2 SCALE: 3/4"=1'-0"



© STRESS RELIEF ANCHOR DETAIL

2 NOT USED
AS4

[illegible]

REVISIONS:

SEAL:	
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FOR REFERENCE ONLY

PROJECT: **CINCINNATI
BENGALS
PRACTICE DOME**

PROJECT LOCATION:
CINCINNATI, OH.

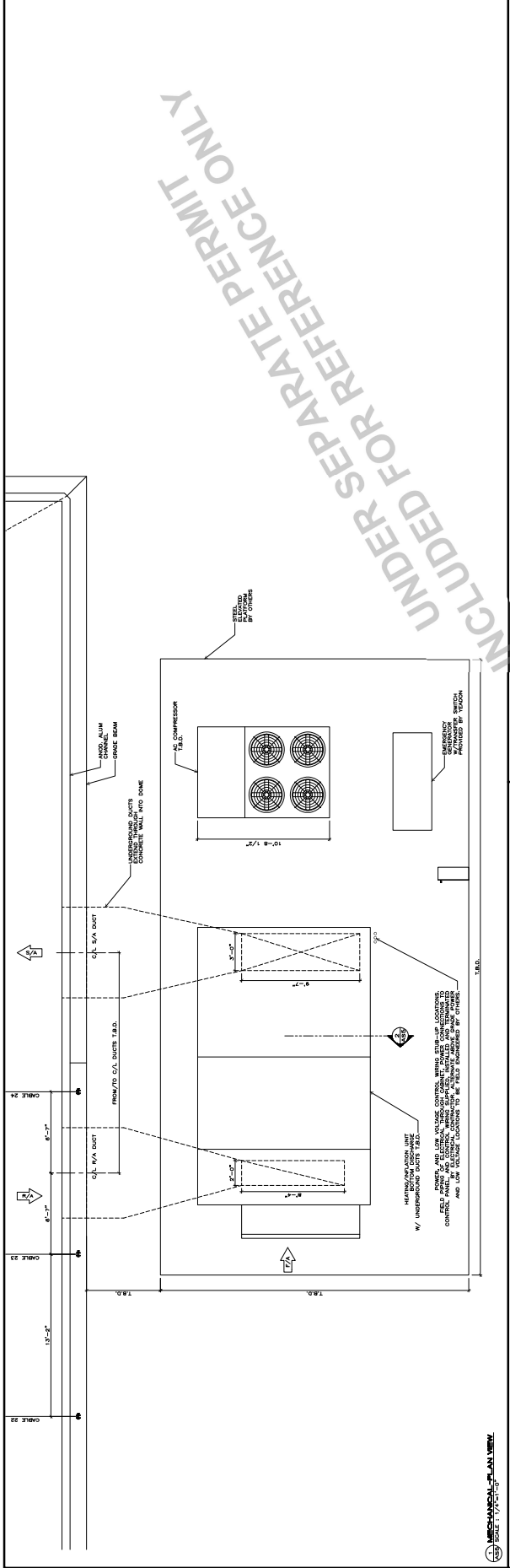
DRAWING:
MECHANICAL

SCALE:	AS NOTED
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DATE: 31/MAR/22

DRAWN BY: R.K.	APPROVED BY:
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PROJECT NO.: 22304
DWG. NO.: AS-5

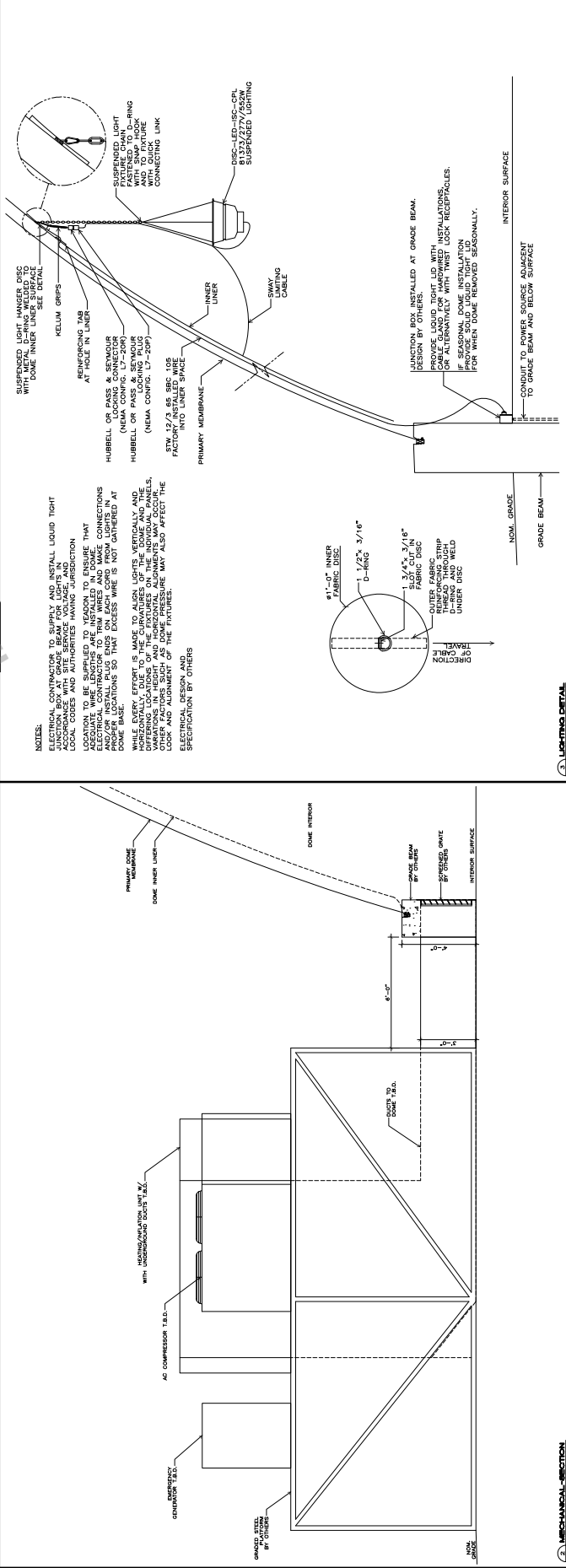


NOTES:

ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL LIQUID TIGHT JUNCTION BOX AT GRADE BENEATH FOR LIGHTS IN CONCRETE. PROVIDE ALL NECESSARY WIRING, CONDUIT, AND/OR WIRE GUARDING. ALL CODES AND MUTUALITIES APPLY. JURISDICTION LOCATION TO BE SPECIFIED TO YEASON TO ENSURE THAT ADEQUATE WIRE LENGTHS ARE INSTALLED IN DOME. CONNECTIONS AND/OR INSTALL PLUG ENDS ON EACH CONDUIT FROM LIGHTS IN PROPER LOCATIONS SO THAT EXCESS WIRE IS NOT GATHERED AT ANY ONE LOCATION.

WHILE EFFORTS WILL BE MADE TO ALIGN LIGHTS VERTICALLY AND HORIZONTALLY DUE TO THE CURVATURE OF THE DOME AND THE VARIATIONS IN HEIGHT AND HORIZONTAL POSITION, SOME OCCASIONAL FACTORS SUCH AS DOME PRESSURE MAY ALSO AFFECT THE LOCATION AND ALIGNMENT OF THE FIXTURES.

SEE DRAWING FOR SPECIFICATION BY OTHERS



3 LIGHTING DETAIL
ASB SCALE: 1/2"=1'-0"

2 MECHANICAL-SECTION
ASS. SCALE : 3/8"=1'-0"

DESIGN CRITERIA

- A. UNDERGROUND DOMESTIC WATER PIPE SHALL BE GOSSLINKED POLYETHYLENE (PEX) WITH ASTM F1960 EXPANSION FITTINGS.
- B. STORM PIPE SHALL BE 2" OR LARGER POLYETHYLENE PIPE OUTSIDE VLV-1 VALVE PNT SHALL BE N-12, HIGH DENSITY POLYETHYLENE PIPE.
- C. STORM PIPE INTO AND THROUGH VLV-1 VALVE PNT 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.

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 PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE PLUMBING CODES. 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 ELECTRICAL POWER REQUIREMENTS OF THE EQUIPMENT. THE PLUMBING CONTRACTOR SHALL VERIFY THE ELECTRICAL POWER REQUIREMENTS OF THE EQUIPMENT AS SPECIFIED IN THE DRAWINGS. SHOULD THE SELECTED EQUIPMENT AS FURNISHED BY THE CONTRACTOR REQUIRE A LARGER REVISION OF ITS BRANCH FEEDER, THE ADDED COST SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.
- 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%.
- F. ALL PLUMBING CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, FURNISH ALL MATERIALS, EQUIPMENT AND INSTRUMENTS NECESSARY TO CONDUCT ALL TESTING OF PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE PLUMBING CODES.
- G. ALL PLUMBING CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, FURNISH ALL MATERIALS, EQUIPMENT AND INSTRUMENTS NECESSARY TO CONDUCT ALL TESTING OF PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE PLUMBING CODES. FOR PURPOSES OF CLARITY AND LEGIBILITY, DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC ALTHOUGH SIZE AND LOCATION OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE.
- H. PLUMBING CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AT THE SITE PRIOR TO PERFORMING WORK. CONTRACTOR SHALL FIELD VERIFY EXISTING REFER TO ARCHITECTURAL DRAWING GENERAL NOTES FOR DIMENSIONAL.
- I. ALL PLUMBING CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AT THE SITE PRIOR TO PERFORMING WORK. CONTRACTOR SHALL FIELD VERIFY EXISTING REFER TO ARCHITECTURAL DRAWING GENERAL NOTES FOR DIMENSIONAL.
- 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 ELECTRICAL CONTRACTOR TO PREVENT CONFLICTS AND TO AVOID INTERFERENCE WITH ELECTRICAL DUCTWORK, AND THE WORK OF ALL OTHER TRADES TO AVOID CONFLICTS.
- L. REFER TO YEADON DRAWINGS FOR INTERIM INDOOR PRACTICE FACILITY DRAWINGS.
- M. REFER TO YEADON DRAWINGS FOR UTILITY CONTINUATION AND CONNECTIONS TO PUBLIC MAINS.

INTERIM INDOOR PRACTICE FACILITY GAS PPE DESIGN CRITERIA		
LONGEST DEVELOPED LENGTH = 750 FT	PRESSURE RATING = 2 PSI PHOSPHOR BRONZE	
	PIPE SIZE	CAPACITY (LPM)
1/2"	1/2"	154
	3/4"	322
1"	1"	576
	1 1/4"	1,109
1 1/2"	1 1/2"	1,770
	2"	3,410
2 1/2"	2 1/2"	5,440
	GAS PIPING 2 1/2" AND SMALLER SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH GAS PIPING 3" AND LARGER SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH WELDED FITTINGS.	

PLUMBING FIXTURE SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER & MODEL NO.	NOMINAL PIPE SIZE (INCHES)			
			DCW	DHW	SANITARY	VENT
YH-1	SANITARY YARD HYDRANT	WOODFORD, MODEL S3	1"			
			COORDINATE WITH ARCHITECTURAL DRAWINGS FOR INSTALLATION IN TUBE.			

HEATED ENCLOSURE SCHEDULE					
MARK	DESCRIPTION	LOCATION	MANUFACTURER	MODEL	PIPE PENETRATION SIZE (IN)
HE-1	HEATED PLUMBING ENCLOSURE	ON SITE NEAR WATER MAIN	RUBBELL	TR63006	1"
					COMMENTS
					PROVIDE WITH 480V, 1000 W HEAT TRACE, ASSE 1000 CERTIFIED. INSTALL ON CONCRETE PAD.

GAS PRESSURE REGULATOR VALVE SCHEDULE				
MARK	MANUFACTURER	MODEL	DESIGN FLOW RATE (MBH)	PRESSURE INLET (PSIG)
GPR-1	MAXITROL	325-11L	3,550	2
GPR-2	MAXITROL	3255-3L	300	2
				PRESSURE OUTLET (IN W.C.)
				10"
				COMMENTS
				PROVIDE WITH VENT PROTECTION DEVICE
				PROVIDE WITH VENT PROTECTION DEVICE

VALVE SCHEDULE				
MARK	BASIS OF DESIGN	MANUFACTURER	MODEL	SIZE
VLV-1	NECO	LD-2000	SYSTEM STORM	18" x 18" x 6
				COMMENTS
				INSTALL IN VALVE PIT, PROVIDE WITH ELECTRONIC ACTUATOR

BACKFLOW PREVENTER SCHEDULE				
MARK	BASIS OF DESIGN	MANUFACTURER	MODEL	SIZE
RRBP-1	WATTS	LF099-QT-S	SYSTEM DOMESTIC	3/4" x 3/4" x 6
				COMMENTS
				INSTALL IN HEATED ENCLOSURE HE-1

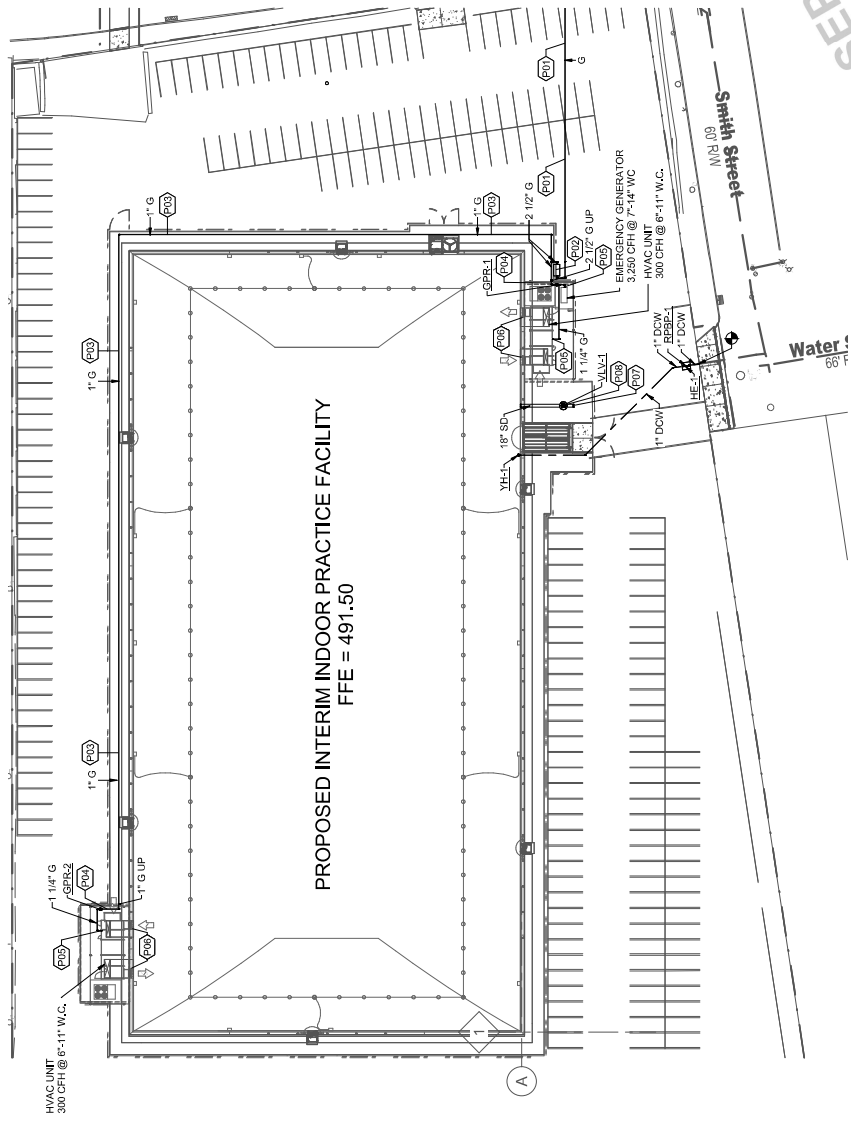
Interim Indoor Practice Facility
621 W Mehring Way
Cincinnati, OH 45202

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202
main 513.821.6211
kzf.com

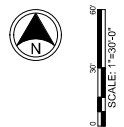
DESIGNED BY: KZF DESIGN INC.
DRAWN BY: KZF DESIGN INC.
CHECKED BY: KZF DESIGN INC.
BRNNSCLAN SCHULTZ

GENERAL NOTES
AND SCHEDULES

DRAWING NUMBER: P-001
ISSUE



- DRAWING NOTES**
- P01 GAS PIPING INSTALLED BY DUKE ENERGY.
 - P02 GAS METER SETTING BY DUKE ENERGY.
 - P03 GAS PIPING INSTALLED UNDERGROUND.
 - P04 GAS PIPING INSTALLED ON EQUIPMENT PLATFORM.
 - P05 GAS CONNECTION TO EQUIPMENT. INSTALL WITH UNION, DIRT LEG AND SHUT OFF VALVE.
 - P06 DUCTWORK BY YEADON DOMES.
 - P07 REFER TO MECHANICAL DRAWINGS FOR CONTINUATION.
 - P08 VLV-1 INSTALLED IN BELOW GRADE VALVE PIT. PIT SHALL BE 48"x72" FIBERGLASS OR PRECAST CONCRETE. PROVIDE WITH H20 LOAD RATED COVER.



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

INCLUDED FOR REFERENCE PERMIT ONLY

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

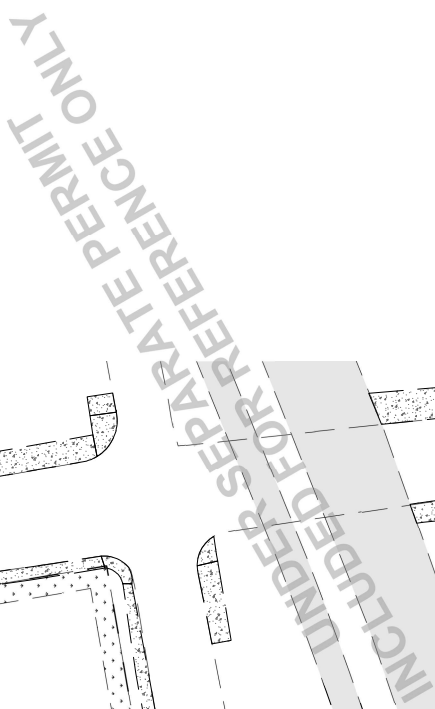
DESIGNED BY: KATHA WOOD
HEMELGARN, MAJOR, VV
DATE: 04/01/2022
CHECKED: PRIMA MORA
BRUNELSON SCHULTZ
PLUMBING SITE
PLAN
DRAWING NUMBER: PS-101
ISSUE

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

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

DRAWINGS NOTES	
E01	EXISTING DUKE ENERGY UTILITY POLE.

- | | |
|-----|--|
| E02 | DUKE SHALL PROVIDE NEW AERIAL PRIMARY ELECTRIC ROUTING TO NEW POLE. |
| E03 | NEW DUKE ENERGY UTILITY POLE WITH NEW HV-480/277V, 300KVA TRANSFORMER, COORDINATE EXIST POLE LOCATION WITH POLE. EDGE OF NEW DRIVEWAY APPROX SHALL BE MINIMUM 2FT FROM POLE. |
| E04 | ELECTRICAL CONTRACTOR SHALL PROVIDE UNDERGROUND SECONDARY ELECTRIC ROUTING FROM POLE TO PANEL H1 ON ELEVATED PLATFORM. |
| E05 | REFER TO DRAWING E-101 FOR ELEVATED EQUIPMENT PLATFORM EQUIPMENT, LIGHTING AND RECEPTACLE LAYOUT. |
| E06 | PROVIDE EMERGENCY CIRCUIT TO BACKUP LOW PRESS. HEATED ENCLOSURE. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION. |
| E07 | TYPE A POST TOP LIGHTS SHALL BE MOUNTED ON 18FT POLE. REFER TO DRAWING E-102 FOR LIGHTING SCHEDULE. |



01 SITE LIGHTING AND POWER PLAN
ES101 1"= 30'-0"



**SITE
LIGHTING AND
POWER PLAN**

ES101

04/01/2022	PROGRESS REVIEW SET
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INTERIM INDOOR PRACTICE FACILITY

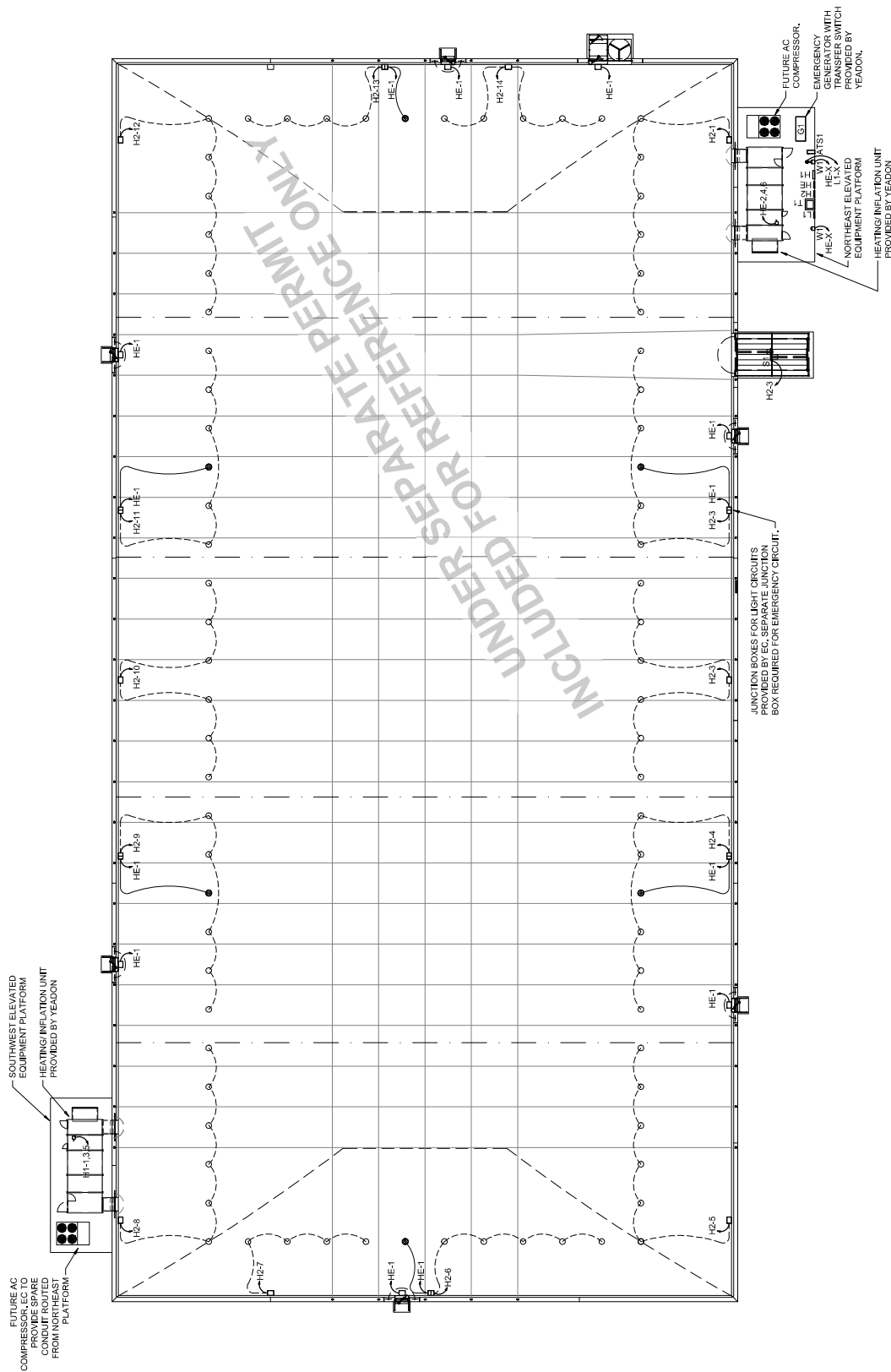
621 W MEHRING WAY
CINCINNATI, OHIO 45202

KZF DESIGN
Developing Better Futures

KZF DESIGN INC.
700 Broadway Street
Cincinnati, OH 45202

main 513.621.6211
kzf.com

DESIGNED BLUM	COMM. NO. 8038.00
DRAWN BLUM	DATE MM/DD/YY
CHECKED STEGMAN	PROJ. MGR SHI 7



MARK	MANUFACTURER	CATALOG NUMBER	MOUNTING	WATTAGE	VOLTAGE	AMP	DESCRIPTION	MARK
A1	BEACON BY HARBELL LIGHTING	SLD-24L-SL-46-125A-UN-CT-BLT	POST TOP	551 W	277 V	2.00	LED DEORATIVE POST TOP TYPE V RECTANGULAR OPTICS, CURVED SHADE, BLACK WHITE COLOR	A1
S1			SURFACE/CEILING	4000 K	277 V		LED UTILITY SURFACE MOUNT, UNISED, LINEAR	S1
W1	HARBELL LIGHTING	NMC-596-46-U	SURFACE/WALL	4000 K	277 V		LED UTILITY WALL PACK, POLYCARBONATE LENS	W1

MARK	MANUFACTURER	CATALOG NUMBER	MOUNTING	WATTAGE	VOLTAGE	AMP	DESCRIPTION	MARK
A1	BEACON BY HARBELL LIGHTING	SLD-24L-SL-46-125A-UN-CT-BLT	POST TOP	551 W	277 V	2.00	LED DEORATIVE POST TOP TYPE V RECTANGULAR OPTICS, CURVED SHADE, BLACK WHITE COLOR	A1
S1			SURFACE/CEILING	4000 K	277 V		LED UTILITY SURFACE MOUNT, UNISED, LINEAR	S1
W1	HARBELL LIGHTING	NMC-596-46-U	SURFACE/WALL	4000 K	277 V		LED UTILITY WALL PACK, POLYCARBONATE LENS	W1

PANEL H1									
MOUNTING: SURFACE FLUSH NEMA 3R X									
LUGS: BOTTOM THRU LUGS									
SERVICE: 3 PHASE 4 WIRE 208Y/120VOLT 25.00A MAIN CT BREAKER									
NO.	AMP	LOAD SERVED	PHASE	A	B	C	LOAD SERVED	AMP	NO.
1	1000	1000	A	1000	0.00	0.00	1000	1000	1
2	1000	1000	B	0.00	1000	0.00	1000	1000	2
3	1000	1000	C	0.00	0.00	1000	1000	1000	3
4	1000	1000	A	1000	0.00	0.00	1000	1000	4
5	1000	1000	B	0.00	1000	0.00	1000	1000	5
6	1000	1000	C	0.00	0.00	1000	1000	1000	6
7	1000	1000	A	1000	0.00	0.00	1000	1000	7
8	1000	1000	B	0.00	1000	0.00	1000	1000	8
9	1000	1000	C	0.00	0.00	1000	1000	1000	9
10	1000	1000	A	1000	0.00	0.00	1000	1000	10
11	1000	1000	B	0.00	1000	0.00	1000	1000	11
12	1000	1000	C	0.00	0.00	1000	1000	1000	12
13	1000	1000	A	1000	0.00	0.00	1000	1000	13
14	1000	1000	B	0.00	1000	0.00	1000	1000	14
15	1000	1000	C	0.00	0.00	1000	1000	1000	15
16	1000	1000	A	1000	0.00	0.00	1000	1000	16
17	1000	1000	B	0.00	1000	0.00	1000	1000	17
18	1000	1000	C	0.00	0.00	1000	1000	1000	18
19	1000	1000	A	1000	0.00	0.00	1000	1000	19
20	1000	1000	B	0.00	1000	0.00	1000	1000	20
21	1000	1000	C	0.00	0.00	1000	1000	1000	21
22	1000	1000	A	1000	0.00	0.00	1000	1000	22
23	1000	1000	B	0.00	1000	0.00	1000	1000	23
24	1000	1000	C	0.00	0.00	1000	1000	1000	24
25	1000	1000	A	1000	0.00	0.00	1000	1000	25
26	1000	1000	B	0.00	1000	0.00	1000	1000	26
27	1000	1000	C	0.00	0.00	1000	1000	1000	27
28	1000	1000	A	1000	0.00	0.00	1000	1000	28
29	1000	1000	B	0.00	1000	0.00	1000	1000	29
30	1000	1000	C	0.00	0.00	1000	1000	1000	30
31	1000	1000	A	1000	0.00	0.00	1000	1000	31
32	1000	1000	B	0.00	1000	0.00	1000	1000	32
33	1000	1000	C	0.00	0.00	1000	1000	1000	33
34	1000	1000	A	1000	0.00	0.00	1000	1000	34
35	1000	1000	B	0.00	1000	0.00	1000	1000	35
36	1000	1000	C	0.00	0.00	1000	1000	1000	36
37	1000	1000	A	1000	0.00	0.00	1000	1000	37
38	1000	1000	B	0.00	1000	0.00	1000	1000	38
39	1000	1000	C	0.00	0.00	1000	1000	1000	39
40	1000	1000	A	1000	0.00	0.00	1000	1000	40
41	1000	1000	B	0.00	1000	0.00	1000	1000	41
42	1000	1000	C	0.00	0.00	1000	1000	1000	42
43	1000	1000	A	1000	0.00	0.00	1000	1000	43
44	1000	1000	B	0.00	1000	0.00	1000	1000	44
45	1000	1000	C	0.00	0.00	1000	1000	1000	45
46	1000	1000	A	1000	0.00	0.00	1000	1000	46
47	1000	1000	B	0.00	1000	0.00	1000	1000	47
48	1000	1000	C	0.00	0.00	1000	1000	1000	48
49	1000	1000	A	1000	0.00	0.00	1000	1000	49
50	1000	1000	B	0.00	1000	0.00	1000	1000	50
51	1000	1000	C	0.00	0.00	1000	1000	1000	51
52	1000	1000	A	1000	0.00	0.00	1000	1000	52
53	1000	1000	B	0.00	1000	0.00	1000	1000	53
54	1000	1000	C	0.00	0.00	1000	1000	1000	54
55	1000	1000	A	1000	0.00	0.00	1000	1000	55
56	1000	1000	B	0.00	1000	0.00	1000	1000	56
57	1000	1000	C	0.00	0.00	1000	1000	1000	57
58	1000	1000	A	1000	0.00	0.00	1000	1000	58
59	1000	1000	B	0.00	1000	0.00	1000	1000	59
60	1000	1000	C	0.00	0.00	1000	1000	1000	60
61	1000	1000	A	1000	0.00	0.00	1000	1000	61
62	1000	1000	B	0.00	1000	0.00	1000	1000	62
63	1000	1000	C	0.00	0.00	1000	1000	1000	63
64	1000	1000	A	1000	0.00	0.00	1000	1000	64
65	1000	1000	B	0.00	1000	0.00	1000	1000	65
66	1000	1000	C	0.00	0.00	1000	1000	1000	66
67	1000	1000	A	1000	0.00	0.00	1000	1000	67
68	1000	1000	B	0.00	1000	0.00	1000	1000	68
69	1000	1000	C	0.00	0.00	1000	1000	1000	69
70	1000	1000	A	1000	0.00	0.00	1000	1000	70
71	1000	1000	B	0.00	1000	0.00	1000	1000	71
72	1000	1000	C	0.00	0.00	1000	1000	1000	72
73	1000	1000	A	1000	0.00	0.00	1000	1000	73
74	1000	1000	B	0.00	1000	0.00	1000	1000	74
75	1000	1000	C	0.00	0.00	1000	1000	1000	75
76	1000	1000	A	1000	0.00	0.00	1000	1000	76
77	1000	1000	B	0.00	1000	0.00	1000	1000	77
78	1000	1000	C	0.00	0.00	1000	1000	1000	78
79	1000	1000	A	1000	0.00	0.00	1000	1000	79
80	1000	1000	B	0.00	1000	0.00	1000	1000	80
81	1000	1000	C	0.00	0.00	1000	1000	1000	81
82	1000	1000	A	1000	0.00	0.00	1000	1000	82
83	1000	1000	B	0.00	1000	0.00	1000	1000	83
84	1000	1000	C	0.00	0.00	1000	1000	1000	84
85	1000	1000	A	1000	0.00	0.00	1000	1000	85
86	1000	1000	B	0.00	1000	0.00	1000	1000	86
87	1000	1000	C	0.00	0.00	1000	1000	1000	87
88	1000	1000	A	1000	0.00	0.00	1000	1000	88
89	1000	1000	B	0.00	1000	0.00	1000	1000	89
90	1000	1000	C	0.00	0.00	1000	1000	1000	90
91	1000	1000	A	1000	0.00	0.00	1000	1000	91
92	1000	1000	B	0.00	1000	0.00	1000	1000	92
93	1000	1000	C	0.00	0.00	1000	1000	1000	93
94	1000	1000	A	1000	0.00	0.00	1000	1000	94
95	1000	1000	B	0.00	1000	0.00	1000	1000	95
96	1000	1000	C	0.00	0.00	1000	1000	1000	96
97	1000	1000	A	1000	0.00	0.00	1000	1000	97
98	1000	1000	B	0.00	1000	0.00	1000	1000	98
99	1000	1000	C	0.00	0.00	1000	1000	1000	99
100	1000	1000	A	1000	0.00	0.00	1000	1000	100

PANEL H2									
MOUNTING: SURFACE ☐ FLUSH ☒ NEMA 3R ☒									
LUGS: BOTTOM THRU LUGS ☒									
SERVICE: 3 PHASE 4 WIRE 208Y/120VOLT 25.00A MAIN CT BREAKER									
OCT NO.	AMP	LOAD SERVED	KVA PHASE			KVA PHASE			OCT NO.
			A	B	C	A	B	C	
1	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	1
2	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	2
3	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	3
4	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	4
5	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	5
6	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	6
7	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	7
8	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	8
9	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	9
10	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	10
11	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	11
12	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	12
13	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	13
14	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	14
15	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	15
16	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	16
17	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	17
18	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	18
19	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	19
20	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	20
21	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	21
22	1000	1000	1.00	0.00	0.00	1.00	0.00	0.00	22
23	1000	1000	0.00	1.00	0.00	0.00	1.00	0.00	23
24	1000	1000	0.00	0.00	1.00	0.00	0.00	1.00	24
SUB-TOTAL KVA			17.50	17.50	17.50	SUB-TOTAL KVA			17.50
TOTAL KVA			52.50			TOTAL KVA			52.50
TOTAL AMP			60.00			TOTAL AMP			60.00
PANEL CONNECTED LOAD									
CONTINUOUS EQUIP. 52.50 125%									
NON-CONT EQUIP. 0.00 100%									
TOTAL KVA 52.50									
RECEIPT - COVER TO KVA 52.50									
60.00 TOTAL AMP									
AMP FIELD CONNECTED									