

CONSERV FS KANSASVILLE

KANSASVILLE, WISCONSIN

ISG PROJECT # 23-28114



| PROJECT GENERAL NOTES | |
|-----------------------|--|
| A. | ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER- CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER. |
| B. | CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CORRELATING QUANTITIES AND DIMENSIONS. |
| C. | WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. |
| D. | FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. |
| E. | DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK. |
| F. | ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK. |
| G. | LARGE-SCALE, MORE SPECIFIC DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE, LESS SPECIFIC DETAILS AND INFORMATION. MORE STRINGENT REQUIREMENTS FOR CODE, PRODUCTS AND INSTALLATION TAKE PRECEDENCE OVER LESS STRINGENT REQUIREMENTS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. |
| H. | PROVIDE CONTINUOUS SEALANT AROUND ALL MATERIALS AT ALL INTERIOR AND EXTERIOR WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR APPROPRIATE SEALANT. |
| I. | ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION. |
| J. | SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS, AROUND DUCTS, PIPES, VENTS, TRAPS, CONDUIT AND ALL OTHER PENETRATIONS WITH FIRE STOPPING AS SPECIFIED AND REQUIRED BY CODES. IF FIRE STOPPING IS NOT REQUIRED AT PENETRATIONS PER CODE, SEAL WITH CONTINUOUS SEALANT. |
| K. | PROVIDE TEMPORARY WALLS, ENCLOSURES, DUST SHIELDS AND WALK-OFF MATS AS REQUIRED TO SEPARATE DEMOLITION AND CONSTRUCTION FROM EXISTING BUILDING. |
| L. | PROVIDE BRACING AND SHORING AS REQUIRED TO PROTECT EXISTING STRUCTURE TO REMAIN. PROVIDE SECURE AND WEATHERPROOF ENCLOSURE OF TEMPORARY OPENINGS IN EXTERIOR WALLS. PROTECT ALL BUILDING COMPONENTS FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION. |
| M. | RESTORE ALL EXISTING AREAS AFFECTED BY DEMOLITION AND RELATED NEW CONSTRUCTION TO THEIR ORIGINAL CONDITION, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS, AND CEILINGS AND THEIR ASSOCIATED FINISHES. |
| N. | PROVIDE SOLID WALL BACKING WITH METAL OR FIRE-RETARDANT WOOD BLOCKING BEHIND DOOR HARDWARE SUCH AS WALL STOPS, BUMPERS, HOLD OPENS, ETC. AND AT ALL ITEMS REQUIRING FASTENING THROUGH GYP BD. TO BLOCKING. |
| O. | RENDERED IMAGES MAY NOT BE AN ACCURATE REPRESENTATION OF BUILDING CONDITIONS. REFER TO PLANS AND DETAILS CONTAINED WITHIN FOR SCOPE OF WORK. |

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| G1-22 | CODE DATA AND CODE DATA PLAN |
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| C0-20 | SITE SPECIFICATIONS AND DETAILS |
| C1-10 | EROSION CONTROL NOTES |
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PROJECT

CONSERV FS KANSASVILLE

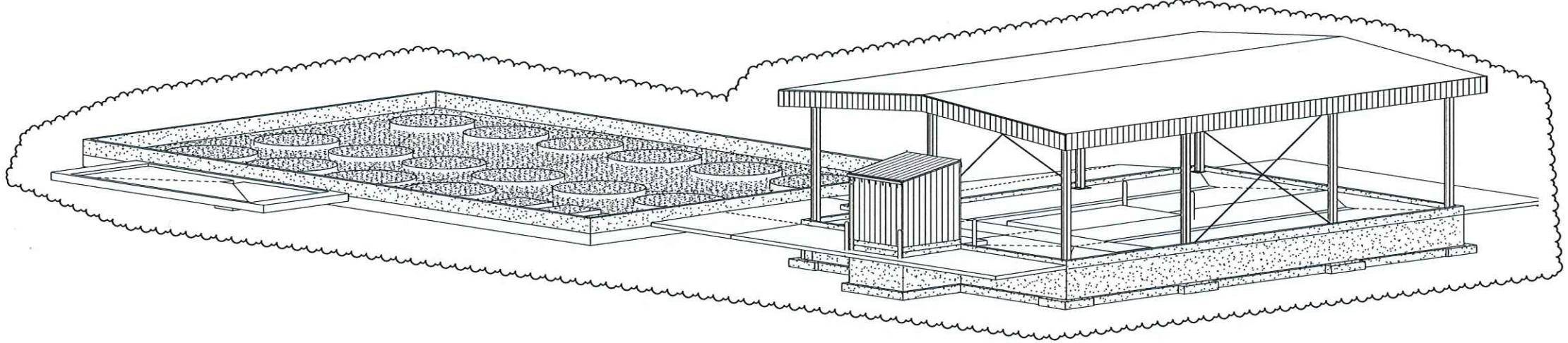
KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 10/19/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KNM |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

| | |
|---------------------|--------------------|
| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KNM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

TITLE
**TITLE SHEET,
SHEET INDEX,
PROJECT
GENERAL NOTES**

SHEET
G1-10



PROJECT INDEX:

OWNER:
CONSERV FS
JAKE GREGORY
MAIN OFFICE, P.O. BOX 1550, 1110
MCCONNELL RD,
WOODSTOCK, ILLINOIS 60098

PROJECT ADDRESS:
CONSERV FS
4304 S BEAUMONT AVE
KANSASVILLE, WISCONSIN 53139

MANAGING OFFICE:

GREEN BAY OFFICE
115 PINE STREET
SUITE 300
GREEN BAY, WISCONSIN 54301
PHONE: 920.434.2128
PROJECT MANAGER: JOHN SHAMLA
EMAIL: JOHN.SHAMLA@ISGINC.COM





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PROJECT
**CONSERV FS
KANSASVILLE**

KANSASVILLE WISCONSIN

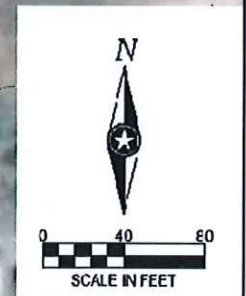
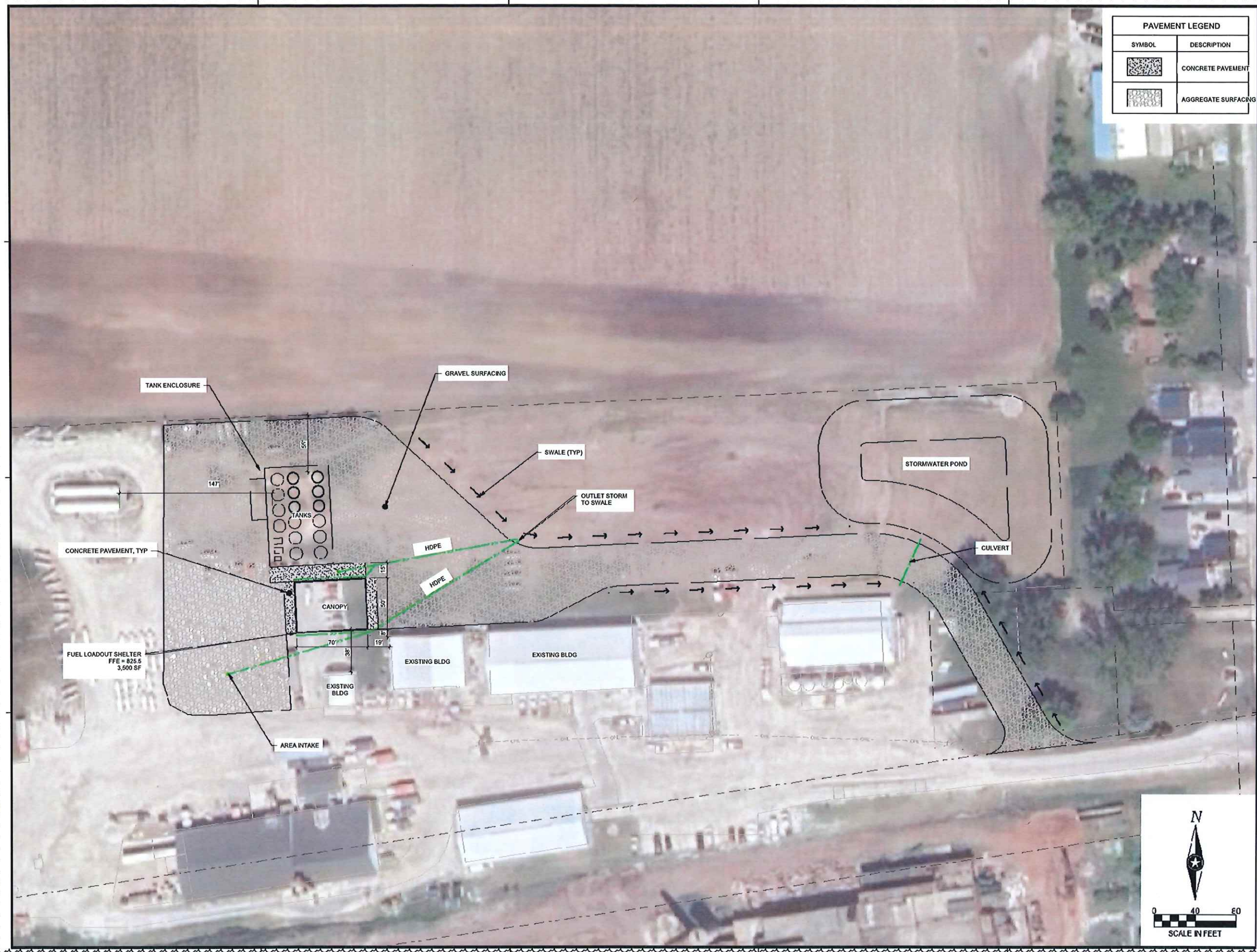
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| CLIENT PROJECT NO. | |

TITLE
**SITE CODE DATA
PLAN**

SHEET
G1-21

| PAVEMENT LEGEND | |
|-----------------|---------------------|
| SYMBOL | DESCRIPTION |
| | CONCRETE PAVEMENT |
| | AGGREGATE SURFACING |



1 SITE CODE DATA PLAN
NOT TO SCALE

0 1/4" = 12'

GENERAL CODE DATA

DATE: 30 APRIL 2024
 PROJECT NUMBER: 28114
 PROJECT: CONSERV FS TANKER FILL CANOPY
 LOCATION: KANSASVILLE, WISCONSIN

CODE DATA SUMMARY

SCOPE
 IT IS PROPOSED TO CONSTRUCT A METAL CANOPY ON THE CONSERV FS SITE IN KANSASVILLE, WI. THE 3,600 SF METAL CANOPY WILL COVER AN AREA THAT WILL HOLD UP TO TWO TANKER TRUCKS WHILE THEY ARE LOADED WITH DIESEL OR GASOLINE FUEL. THE CANOPY WILL OPEN ON ALL SIDES. THE SOFFIT ABOVE THE SLAB IS 18" ABOVE FINISH FLOOR. THE CONCRETE SLAB WILL BE DESIGNED FOR CONTAINMENT.

BUILDING CODE
 2015 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS
 NFPA 1 FIRE CODE
 NFPA 30 FLAMMABLE & COMBUSTIBLE LIQUID CODE

2015 INTERNATIONAL BUILDING CODE

OCCUPANCY CLASSIFICATION AND USE
 GROUP U UTILITY AND MISCELLANEOUS GROUP

CONSTRUCTION TYPE
 TYPE V-B

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

| | |
|-----------------------------|--------|
| PRIMARY STRUCTURAL FRAME: | 0-HOUR |
| EXTERIOR BEARING WALLS: | 0-HOUR |
| INTERIOR BEARING WALLS: | 0-HOUR |
| EXTERIOR NON-BEARING WALLS: | |
| < 5 FEET | 2-HOUR |
| ≥ 5 FEET, < 10 FEET | 3-HOUR |
| ≥ 10 FEET, < 30 FEET | 1-HOUR |
| ≥ 30 FEET | 0-HOUR |
| FLOOR CONSTRUCTION: | 0-HOUR |
| ROOF CONSTRUCTION: | 0-HOUR |

BUILDING HEIGHT
 ALLOWABLE HEIGHT: 1-STORY / 40 FEET
 ACTUAL HEIGHT: 1-STORY / 22'-2"

BUILDING AREA
 ALLOWABLE AREA: 5,500 SF
 ACTUAL AREA: 3,600 SF

FIRE PROTECTION SYSTEMS
 NON-SPRINKLERED
 FIRE EXTINGUISHERS: TYPE 40-B.

MEANS OF EGRESS
 WAREHOUSES: 500 SF / OCCUPANT
 INDUSTRIAL AREAS: 100 SF / OCCUPANT
 ACCESSORY STORAGE/MECHANICAL: 300 SF / OCCUPANT
 SEE CODE PLAN FOR OCCUPANT LOAD

EGRESS CAPACITY: 0.2 INCHES / OCCUPANT. SEE CODE PLAN FOR EGRESS WIDTH PROVIDED. PROJECT IS A CANOPY, NO WALLS. OPEN ON ALL SIDES

PLUMBING FIXTURES
 PLUMBING FIXTURES ARE PROVIDED IN EXISTING ADJACENT BUILDING LESS THAN 500 FEET AWAY.

NEPA 30 MATERIALS
 DIESEL IS A CLASS II LIQUID
 GASOLINE IS A CLASS I LIQUID

FIRE PROTECTION & FIRE SUPPRESSION
 WATER SUPPLY OR OTHER SUITABLE FIRE CONTROL AGENT REQUIRE ON SITE (8.7)
 EMERGENCY PLAN REQUIRED.

HAZARDOUS CLASSIFICATION: CLASS I DIVISION 2, ZONE 2 (7.4 AND NFPA 70)

PORTABLE FIRE EXTINGUISHERS REQUIRED, MINIMUM 40-B

CONTAINMENT, DRAINAGE, AND SPILL CONTROL
 FLOOR TO BE LIQUID TIGHT
 SPILL CONTAINMENT/DRAINAGE SYSTEM REQUIRED

OUTDOORS LIQUID TANKS
 TANKS ARE INTERNAL PRESSURE NOT TO EXCEED 2.5 PSI WITH RELIEF VENTING
 TANKS TO BE MINIMUM 40- FEET FROM PROPERTY LINE

NEPA 1
 FIRE APPARATUS ACCESS ROAD REQUIRED.
 SITE WATER SUPPLY REQUIRED, PROVIDED BY FIRE DEPARTMENT TANKER TRUCKS.

CODE DATA PLAN KEY

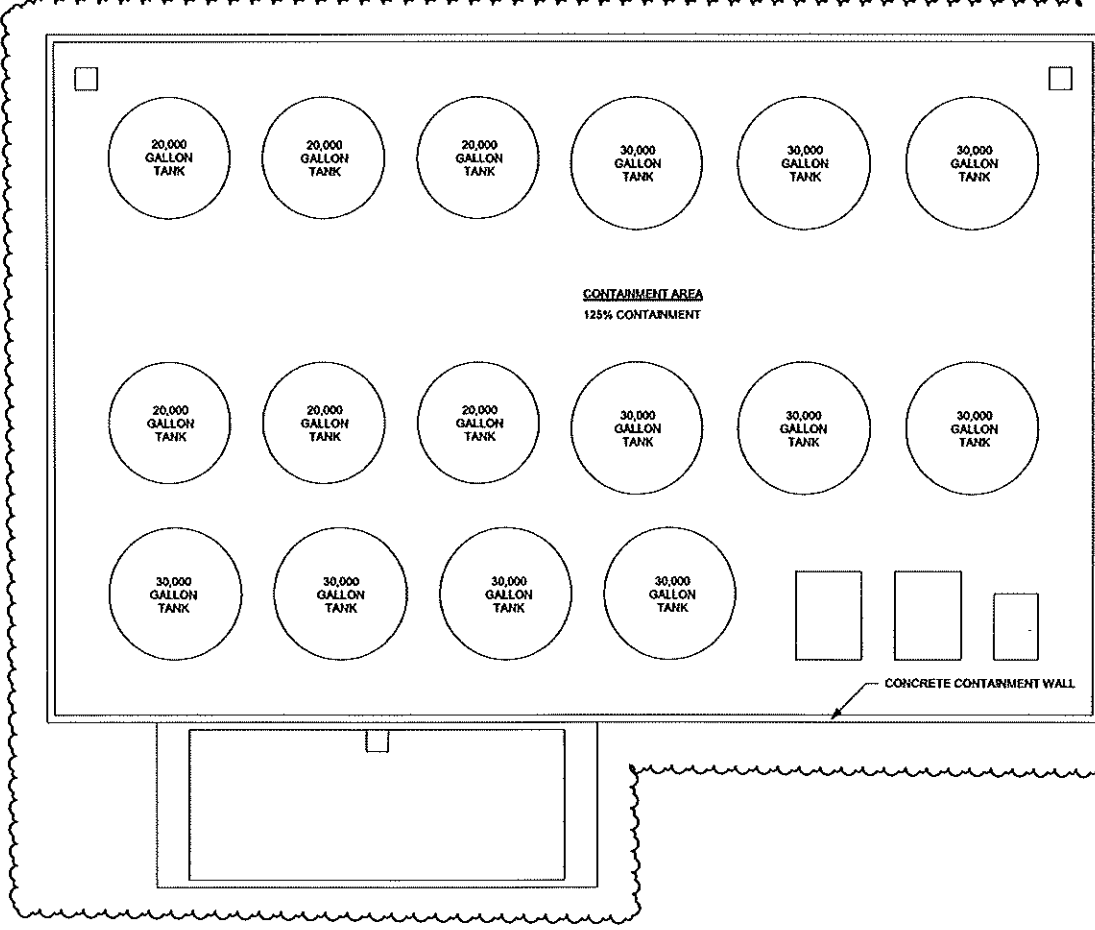
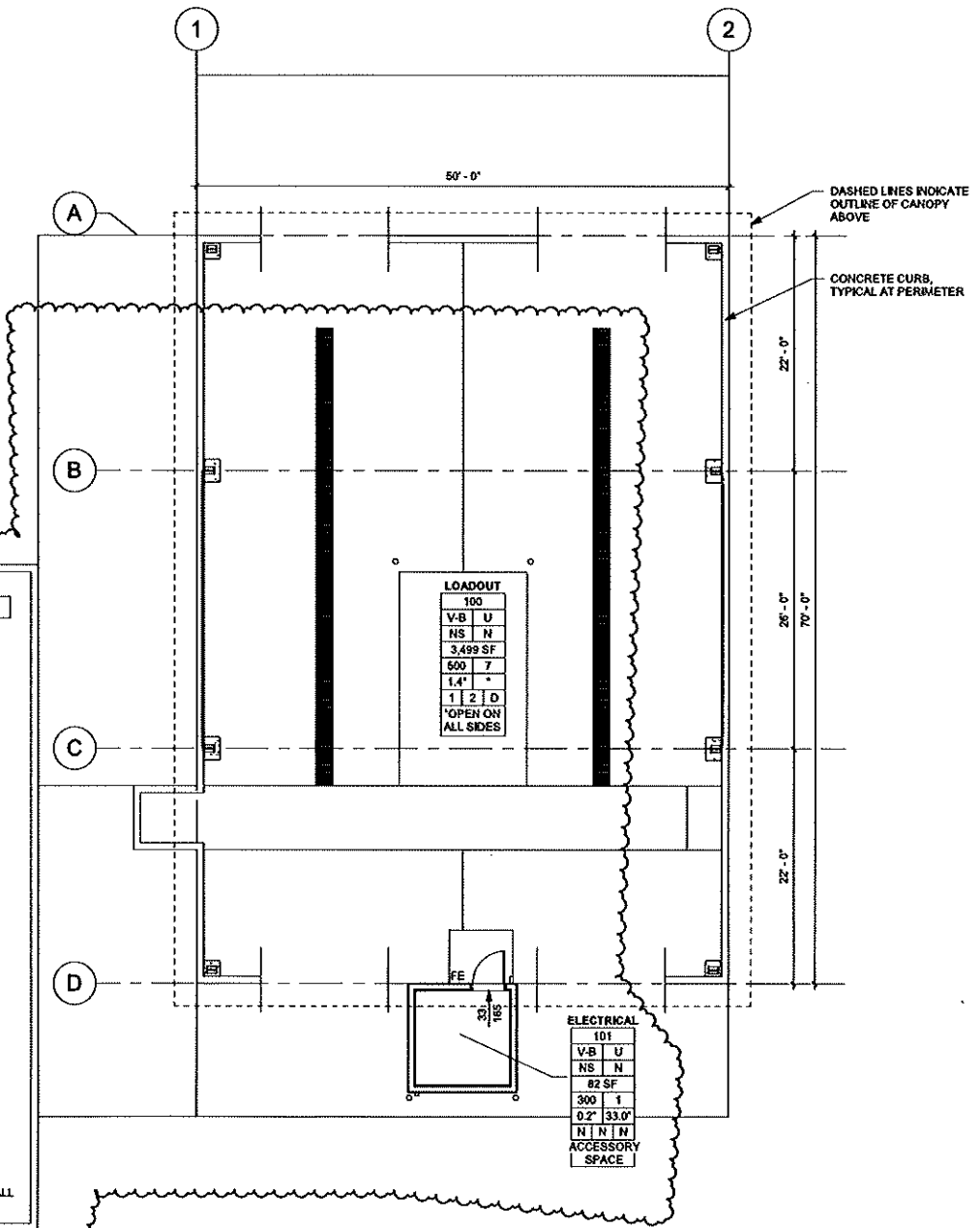
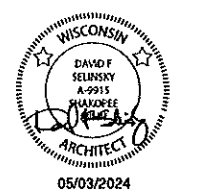
| CONSTRUCTION TYPE | | ROOM NAME | | OCCUPANCY GROUP | |
|-------------------|-----------------|-----------------|---|---------------------|---------|
| SP | SPRINKLERED | SP | Y | SP | Y |
| NS | NON-SPRINKLERED | SP | N | U | UTILITY |
| | | 11,234 SF | | AREA (SQUARE FT.) | |
| | | 500 G 22 | | OCCUPANT LOAD | |
| | | 14.4' 33.0' | | EXIT WIDTH PROVIDED | |
| | | HC HD RIG | | EXIT WIDTH REQUIRED | |
| | | PROJECT DEFINED | | | |

30 → EGRESS WIDTH INCHES
 150 → EGRESS OCCUPANT CAPACITY

● → → → → → COMMON PATH OF TRAVEL

FE FIRE EXTINGUISHER

KB KNOX BOX



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PROJECT

CONSERV FS KANSASVILLE

KANSASVILLE WISCONSIN

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TITLE

CODE DATA AND CODE DATA PLAN

SHEET

G1-22

1 CODE DATA PLAN
 1/8" = 1'-0"





LOCATION MAP



CIVIL PLAN ABBREVIATIONS:

| | | | | | | | | | | | | | | | |
|--------|---------------------------------|-------|-----------------------|------|----------------------------|------|---------------------------|------|---------------------------|------|------------------------|-------|--------------------------|-------|-------------------------|
| AC | ACRE | CI | CONTROL JOINT | EOF | EMERGENCY OVERFLOW | GL | GUTTER LINE | IPS | IRON PIPE SIZE | NWL | NORMAL WATER LEVEL | RCP | REINFORCED CONCRETE PIPE | THRU | THROUGH |
| ADA | AMERICANS WITH DISABILITIES ACT | CL | CENTERLINE | EQ | EQUAL | GPM | GALLONS PER MINUTE | J-B | JUNCTION BOX | OC | ON CENTER | RD | ROOF DRAIN | TNH | TOP NUT OF FIRE HYDRANT |
| ADD | ADDENDUM | CMP | CORRUGATED METAL PIPE | EX | EXISTING | GV | GATE VALVE | JT | JOINT | OCEW | ON CENTER EACH WAY | REBAR | REINFORCING BAR | TRANS | TRANSFORMER |
| AFF | ABOVE FINISHED FLOOR | CO | CLEANOUT | FDC | FIRE DEPARTMENT CONNECTION | HDPE | HIGH DENSITY POLYETHYLENE | LF | LINEAR FEET | OH | OVERHEAD | REM | REMOVE | TV | TELEVISION |
| AGG | AGGREGATE | CONC | CONCRETE | FDN | FOUNDATION | HD | HEAVY DUTY | LN | LINEAR | OH | OVERHEAD DOOR | ROW | RIGHT OF WAY | T/W | TOP OF WALL |
| APPROX | APPROXIMATE | CONST | CONSTRUCTION | FES | FINISHED END SECTION | HI | HANDHOLE | LPS | LOW PRESSURE STEAM | OZ | OUNCE | R/W | RIGHT OF WAY | TYP | TYPICAL |
| ARCH | ARCHITECT, ARCHITECTURAL | CONT | CONTINUOUS | FFM | FINISHED FLOOR ELEVATION | HONZ | HORIZONTAL | LS | LUMP SURM | PEF | PEDESTAL PEDESTRIAN | SAN | SANITARY | UT | UTILITY, UNDERGROUND |
| BFE | BASIN FLOOR ELEVATION | CY | CUBIC YARD | FFS | FEET PER MINUTE | HR | HOUR | LSO | LOWEST STRUCTURAL OPENING | PERF | PERFORATED | SCH | SCHEDULE | UT | UTILITY, UNDERGROUND |
| BIT | BITUMINOUS | C&G | CURB AND GUTTER | FFS | FEET PER SECOND | HWL | HIGH WATER LEVEL | MAX | MAXIMUM | PL | PROPERTY LINE | SF | SQUARE FOOT | VCP | VITRIFIED CLAY PIPE |
| CAD | COMPUTER-AIDED DESIGN | DEMO | DEMOLITION | FT | FOOT, FEET | HWY | HIGHWAY | MB | MARL BOX | PP | POLYPROPYLENE | SPEC | SPECIFICATION | W/O | WITHOUT |
| CB | CATCH BASIN | DIA | DIAMETER | FTG | FOOTING | HYD | HYDRANT | MECH | MECHANICAL | PSI | POUNDS PER SQUARE INCH | SQ | SQUARE | W/ | WITH |
| CFS | CUBIC FEET PER SECOND | DIM | DIMENSION | GAL | GALLON | GA | GAUGE | MH | MANHOLE | PVC | POLYVINYL CHLORIDE | STA | STATION | YD | YARD |
| CF | CUBIC FOOT | DS | DOWNSPOUT | GALV | GALVANIZED | ID | INSIDE DIAMETER | MIN | MINIMUM | PVMT | PAVEMENT | SY | SQUARE YARD | YR | YEAR |
| CI | CAST IRON | EA | EACH | GALV | GALVANIZED | IN | INCH | MISC | MISCELLANEOUS | QTY | QUANTITY | T/C | TOP OF CURB | | |
| CP | CAST IRON PIPE | ELEC | ELECTRICAL | GC | GENERAL CONTRACTOR | INV | INVERT | NO | NUMBER | R | RIM | TEL | TELEPHONE | | |
| CPC | CAST IN PLACE CONCRETE | ELEV | ELEVATION | GFE | GARAGE FLOOR ELEVATION | IP | IRON PIPE | NTS | NOT TO SCALE | RAD | RADIUS | TEMP | TEMPORARY | | |



LEGEND

| EXISTING | |
|----------|----------------------------|
| --- | CITY LIMITS |
| --- | SECTION LINE |
| --- | QUARTER SECTION LINE |
| --- | RIGHT OF WAY LINE |
| --- | PROPERTY / LOTLINE |
| --- | EASEMENT LINE |
| --- | ACCESS CONTROL |
| --- | WATER EDGE |
| WET | WETLAND BOUNDARY |
| --- | WETLAND / MARSH |
| --- | FENCE LINE |
| --- | CULVERT |
| --- | STORM SEWER |
| --- | SANITARY SEWER |
| --- | SANITARY SEWER FORCEMAIN |
| --- | WATER |
| --- | GAS |
| --- | OVERHEAD ELECTRIC |
| --- | UNDERGROUND ELECTRIC |
| --- | UNDERGROUND TELEPHONE |
| --- | UNDERGROUND TV |
| --- | OVERHEAD UTILITY |
| --- | UNDERGROUND UTILITY |
| --- | UNDERGROUND FIBER OPTIC |
| --- | CONTOUR (MAJOR) |
| --- | CONTOUR (MINOR) |
| ○ | DECIDUOUS TREE |
| ★ | CONIFEROUS TREE |
| ○ | TREE LINE |
| ○ | MANHOLE/STRUCTURE |
| □ | CATCH BASIN |
| ○ | HYDRANT |
| ○ | VALVE |
| ○ | CURB STOP |
| ○ | POWER POLE |
| ○ | UTILITY PEDESTAL / CABINET |

| PROPOSED | |
|----------|-----------------------------|
| --- | LOT LINE |
| --- | RIGHT OF WAY |
| --- | EASEMENT |
| --- | CULVERT |
| --- | STORM SEWER |
| --- | STORM SEWER (PIPE WIDTH) |
| --- | SANITARY SEWER |
| --- | SANITARY SEWER (PIPE WIDTH) |
| --- | WATER |
| --- | GAS |
| --- | OVERHEAD ELECTRIC |
| --- | UNDERGROUND ELECTRIC |
| --- | UNDERGROUND TV |
| --- | CONTOUR |
| ○ | MANHOLE (STORM, SANITARY) |
| □ | CATCH BASIN |
| ○ | HYDRANT |
| ○ | VALVE |

CIVIL SHEET INDEX

| | |
|-------|---------------------------------|
| C0-10 | SITE DATA SHEET |
| C0-20 | SITE SPECIFICATIONS AND DETAILS |
| C0-21 | DETAILS |
| C1-10 | EROSION CONTROL NOTES |
| C1-20 | EROSION CONTROL DETAILS |
| C1-30 | EROSION CONTROL PLAN |
| C2-10 | EXISTING SITE AND REMOVALS |
| C3-10 | SITE AND UTILITY PLAN |
| C4-10 | GRADING PLAN |

PROJECT GENERAL NOTES

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7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. THE CONTRACTOR IS TO CONTACT "DIGGERS HOTLINE" FOR UTILITY LOCATIONS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).



Dial 811 or (800)242-8511
www.DiggersHotline.com

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE RACINE COUNTY REQUIREMENTS, WISDOT STANDARD SPECIFICATIONS, 2024 EDITION, WISDOT CONSTRUCTION AND MATERIALS MANUAL, CURRENT EDITION, WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES STATE PLUMBING CODE, CURRENT EDITION, AND STANDARD SPECIFICATION FOR SEWER & WATER CONSTRUCTION IN WISCONSIN, 6th EDITION, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 2011 ADJUSTMENT (NAD83(2011)) ON THE WISCONSIN STATE PLANES SOUTH COORDINATE SYSTEM, IN U.S. SURVEY FEET.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN NOVEMBER 2022 BY AMBIT LAND SURVEYING.

B.M. ELEVATION=820.089

CONCRETE MONUMENT ON NE CORNER OF SEC. 34-3-20 ON NGVD 1929

NOTE:
THE CLARITY OF THESE PLANS DEPEND UPON COLOR COPIES. IF THIS TEXT DOES NOT APPEAR IN COLOR, THIS IS NOT AN ORIGINAL PLAN SET AND MAY RESULT IN MISINTERPRETATION.

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|-------------------|----|--|
| PROJECT | | |
| CONSERV FS | | |
| KANSASVILLE | WI | |

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 05/03/24 | SUPPLEMENTAL INSTRUCTIONS #04 | AAQ |
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| | | |

| | |
|---------------------|--------------------------|
| PROJECT NO. | 22-28114 |
| FILE NAME | 28114 C0 SITE DATA SHEET |
| DRAWN BY | MJE/AAQ |
| DESIGNED BY | MJE |
| REVIEWED BY | KR |
| ORIGINAL ISSUE DATE | 09/20/23 |
| CLIENT PROJECT NO. | - |

TITLE

SITE DATA SHEET

SHEET

C0-10

SITE WORK SPECIFICATION

1 GENERAL:

1.1 SCOPE OF THE WORK - Shall consist of the following:

- A. Site Work, including excavation and grading, storm sewer, base aggregate dense, concrete pavement, erosion control, and other incidental items.

1.2 SPECIFICATIONS WHICH APPLY - Includes, but is not limited to the following:

- A. State Building Code.
 B. General Conditions, General Requirements, Racine County requirements, WisDOT "Standard Specifications", 2023 edition, WisDOT Constructions and Materials Manual, Current Edition, Wisconsin Department of Safety and Professional Services State Plumbing Code, current edition, Standard Specification for Sewer & Water Construction in Wisconsin, 6th edition, and these specifications.

2 SITE WORK:

2.1 GENERAL - The scope of the work will include excavation and grading of building pads, gravel surfacing areas, and landscaped areas; construction of storm drains; installation of base aggregate dense, concrete pavement, erosion control, landscaping, and other incidental items.

2.2 CLEARING AND GRUBBING - All clearing and grubbing shall be considered incidental.

2.3 GRADING:

- A. Work Shall Include - Stripping and removal of topsoil and unsuitable soils; installation of engineered fill; and regrading of site to indicated grades.
 B. The Contractor shall maintain drainage through the project area at all times. All materials, piping, pumping, equipment, and labor necessary to maintain drainage (dewatering) shall be considered incidental to the project, unless otherwise specified.

- C. Topsoil and unsuitable soils in the building area shall be excavated to a minimum depth of 1'-6". The subgrade shall be examined by a soils engineer prior to placement of fill. The excavation shall be maintained free of water at all times.

- D. Topsoil in the areas under the proposed gravel surfacing and concrete pavement shall be excavated to a minimum depth of 1'-6". Areas found to have unsuitable soils within the upper 3' of subgrade shall be excavated to remove the unsuitable soils and the subgrade shall be prepared in accordance with WisDOT Sections 205 and 207.

- E. The building area shall be filled to the bottom of the floor slab section using non-organic suitable onsite material or borrow meeting the requirements of WisDOT Section 208. Fill shall be placed and compacted in maximum 8" lifts in accordance with WisDOT Section 207.

- F. Where required, the grade shall be raised to the bottom of the pavement section, using non-organic suitable onsite material or borrow meeting the requirements of WisDOT Section 208. The material shall be placed and compacted in max 8" lifts. Compaction shall be by standard compaction methods, in accordance with WisDOT Section 207.

- G. Salvaged material shall be used to fill grassed areas, as required, leaving room for 0'-6" minimum of topsoil in the landscaped areas. Unsuitable materials such as rocks, boulders, tree roots, etc. shall be removed from the backfill material and disposed of off site.

- H. Topsoil shall be spread, to a minimum depth of 0'-6", over all areas to be sodded or landscaped and shall be graded to the contours shown on the plans, allowing room for any landscaping mulch.

- I. All testing during fill placement shall be the responsibility of the contractor.

2.4 STORM DRAINS:

- A. Work shall include construction of storm sewer pipe, fittings, and structures as shown on the plans and in accordance with County requirements, State Plumbing Code, and Standard Specifications for Sewer & Water Construction in Wisconsin.

2.5 CONCRETE PAVEMENT:

- A. Work shall include preparation of subgrade, installation of foundation material and pavement as shown in the plans and in accordance with WisDOT Sections 211, 301, 305, 415, 416, 501, 505, 601, 602.

2.6 GRAVEL SURFACING:

- A. Working shall include preparation of subgrade, installation of geotextile fabric and base course as shown on the plans and in accordance with WisDOT Sections 211, 301, 305, 645.

2.7 EROSION CONTROL:

- A. Work shall include installation and maintenance of Best Management Practices (BMPs) according to the Erosion Control Plan.
 B. Seed shall be WisDOT Mixture No. 10 and be placed with mulch and fertilizer according to WisDOT Section 627, 629, 630.



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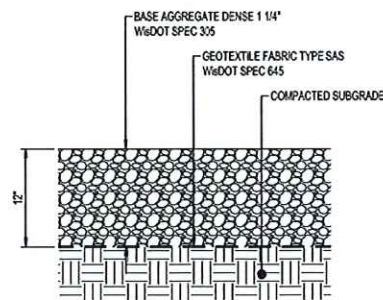
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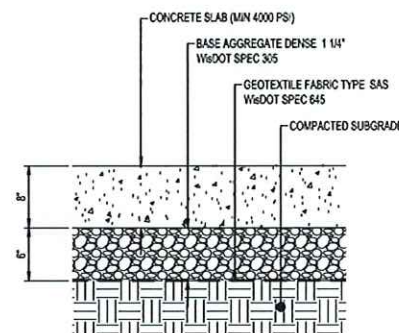
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| FILE NAME | 28114 CO DETAILS |
| DRAWN BY | MJE/AAQ |
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SITE SPECIFICATIONS AND DETAILS

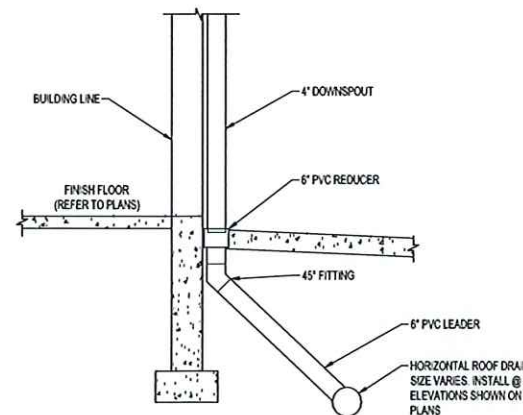
SHEET
CO-20



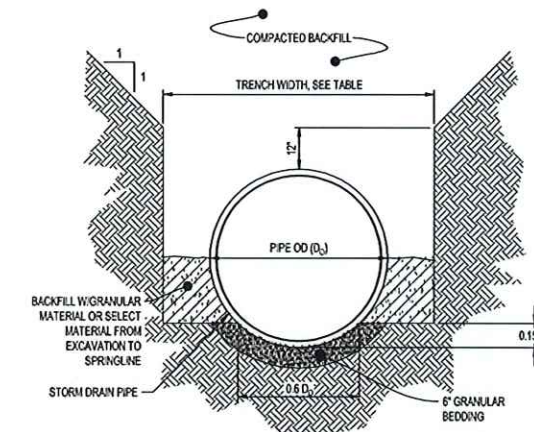
HEAVY DUTY GRAVEL SURFACE
 NTS



HEAVY DUTY CONCRETE PAVEMENT
 NTS



VERTICAL RAIN LEADER
 NTS



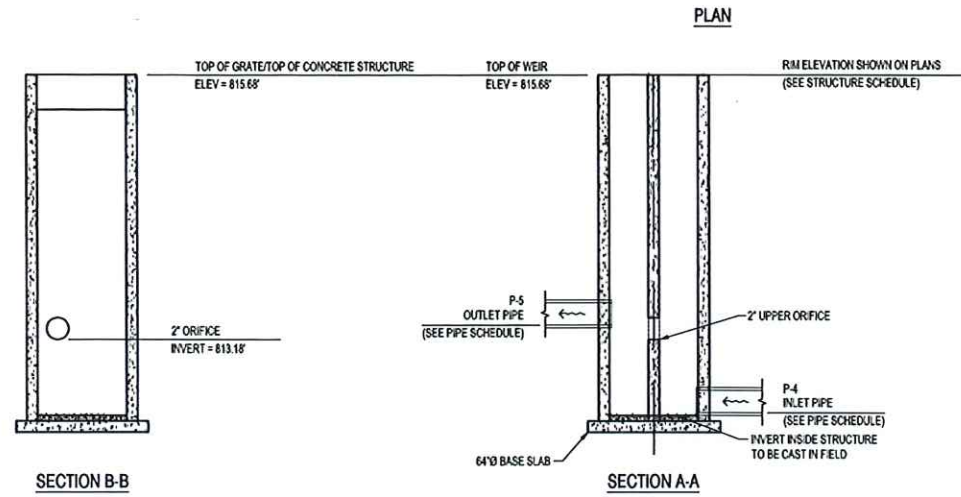
| TRENCH WIDTH | |
|--------------|----------------------|
| PIPE Ø | TRENCH WIDTH |
| 36" OR LESS | D ₀ + 24" |
| 42" TO 54" | 1.5 x D ₀ |
| 60" OR OVER | D ₀ + 36" |

- NOTES:**
 1. GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

REINFORCED CONCRETE STORM DRAIN PIPE BEDDING
 NTS

NOTES:

1. GRIND EXPOSED FIELD AND SHOP WELDS FLUSH WITH ADJACENT SURFACES.
2. AFTER FABRICATION, GALVANIZE STRUCTURAL SHAPES AND MISCELLANEOUS ITEMS IN ACCORDANCE WITH ASTM A123.
3. REPAIR DAMAGED AND SCRATCHED GALVANIZED COATINGS AFTER INSTALLATION.
4. GROUT AROUND ALL PIPES ON INSIDE AND OUTSIDE OF MANHOLE.



**ST-1
POND OUTLET STRUCTURE**
NTS



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TITLE

DETAILS

SHEET

C0-21



STORM WATER POLLUTION PREVENTION PLAN NOTES:

GENERAL PROJECT INFORMATION:

PROJECT NARRATIVE:

This project includes the construction of aggregate surface, site utilities, grading, stormwater management, restoration, erosion control, and any incidental work.

RESPONSIBLE PARTIES:

Project does require a Wisconsin Pollution Discharge Elimination System (WPDES) Stormwater Construction Permit from the WDNR

Contractor shall identify a person knowledgeable and experienced in the application of erosion prevention and sediment control BMP's who will oversee the implementation and inspection of the SWPPP.

Company: _____ Contact Person: _____
Phone: _____

Company: _____ Contact Person: _____
Phone: _____

Owner shall identify the entity responsible for the long term Operation and Maintenance of the storm water management system.

Company: _____ Contact Person: _____
Phone: _____

PROJECT AREAS:

Total project size (disturbed area) = 3.92 acres
Existing area of impervious surface = 0.00 acres
Post construction area of impervious surface = 2.21 acres

2.21 acres of impervious area is added to the site.

RECEIVING WATERS:

Surface waters which will receive storm water from the site within 1 mile (aerial radius measurement) of project boundary. Include waters shown on USGS 7.5 minute quad and all special or impaired waters.

| Name of Water Body | Type (ditch, pond, lake, etc.) | Special/Impaired Water? |
|----------------------|--------------------------------|-------------------------|
| Unnamed Local Waters | Open Water & River/Stream | No |
| | | |
| | | |

SOIL TYPES:

Loam
Silty Loam

CONSTRUCTION ACTIVITY NOTES:

EROSION PREVENTION:

Construction of silt fence and all other erosion control measures shall be complete before other construction activity occurs. Use phased construction wherever practical and establish turf as soon as possible to minimize sediment transport.

Temporary cover during construction is incidental.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

All exposed soils shall be seeded or sodded at the earliest possible time to prevent/reduce erosion.

Refer to Erosion Control Plan sheet C1-30 for restoration items.

Temporary mulching shall be applied at construction staging area. Mulch shall be disc anchored.

Additional erosion prevention measures may be found in the permit and WDNR's Best Management Practices.

SEDIMENT CONTROL PRACTICES:

Construction of silt fence and all other erosion control measures shall be complete prior to land disturbing activities occur.

A tracking pad entrance or other approved alternative must be constructed at the entry point to the project site.

Inlet erosion protection shall be installed and maintained until turf or pavement has been established.

The contractor shall be responsible to control erosion from leaving the construction zone. All eroded material that leaves the construction zone shall be collected by the contractor and returned to the site at the contractor's expense.

Contractor shall maintain a 50-foot natural buffer or use redundant sediment controls near surface waters if a buffer is not feasible.

Contractor shall take the necessary steps to minimize soil compaction and preserve topsoil on site.

All streets must be swept within 24 hours when any tracking occurs.

Silt fence or other effective erosion control measures must be installed around the perimeter of any soil stockpiled, including temporary stockpiles, at this location or any other on the project site. Stockpiles cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches.

DE-WATERING AND BASIN DRAINING:

De-water sediment-laden water to sedimentation basin if possible, or use other BMP's to prevent erosions when discharging to surface waters. Use appropriate energy dissipation measures on all discharges.

De-watering practices cannot cause nuisance conditions, or erosion in receiving channels or inundation of wetlands resulting in adverse impacts.

CONSTRUCTION ACTIVITY NOTES:

POLLUTION PREVENTION:

All solid waste collected from the construction site must be disposed in accordance with all applicable regulations.

All hazardous materials (oil, gasoline, fuel, paint, etc) must be properly stored to prevent spills, leaks, or other discharge. Storage areas shall provide secondary containment and a hazardous materials spill kit. Equipment fueling and maintenance shall occur in a designated, contained area. Storage and disposal of hazardous waste must be in compliance with all applicable regulations. All runoff containing any hazardous material must be properly collected and disposed. No engine degreasing shall be allowed on site.

All sanitary wastes must be collected from portable units on site by a licensed sanitary waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overflowing.

Emergency Spill Plan - The Contractor is responsible for all construction personnel to be informed of the manufacturers' recommended spill cleanup methods, and the location of that information and cleanup supplies. If a spill occurs, the following steps shall be followed:

1. Observe the safety precautions associated with the spilled material. Stop the source of the spill, if you can do so safely. Call 911 if fire or public safety hazards are created.
2. Contain the spilled material. Dirt, sand, or any semi-impermeable material may be used to create a containment structure to prevent the material from flowing.
3. Report the spill to the Wisconsin Department of Natural Resources.
4. Clean up the spilled material and dispose of the wastes properly. With the exception of used oil, waste generated from petroleum spills that have been reported and cleaned up immediately are exempt from Wisconsin's Hazardous Waste Rules. Waste generated from used oil spills must be sent to a facility for energy recovery.

The contractor is responsible for monitoring air pollution and ensuring it does not exceed levels set by local, state, or federal regulations. This includes dust created by work being performed on the site. Air pollution and dust control correction is considered incidental to the unit bid prices for which work is being performed. Additional dust control measures may be required by the Engineer.

Provide Dust Control in areas of concrete removal, slurry control, and clean-up of concrete slurry immediately upon completion.

Concrete washout on site. All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations areas. Liquid and solid wastes must be disposed of properly and in compliance with WDNR regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

INSPECTION AND MAINTENANCE:

The Contractor is Responsible for the implementation of the Erosion Control Plan including inspections and maintenance.

The Contractor must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours of a rainfall event greater than 0.5 inches in a 24 hour period.

All inspections performed during construction must be recorded and records retained on site. Contractor is responsible for keeping a record of all rainfall data & erosion control maintenance until final establishment of turf.

All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/2 of the height of the fence. Erosion control and other BMP's must be replaced, repaired, or supplemented when they reach 33% design load.

FINAL STABILIZATION:

The Contractor must ensure final stabilization of the site. The contractor must submit a Notice of Termination when the site has undergone final stabilization and all stormwater discharges associated with the construction site activities that require to have WPDES coverage have ceased.

All temporary erosion control measures and BMP's must be removed as part of the final site stabilization.

The stormwater permit further defines final stabilization and its requirements.

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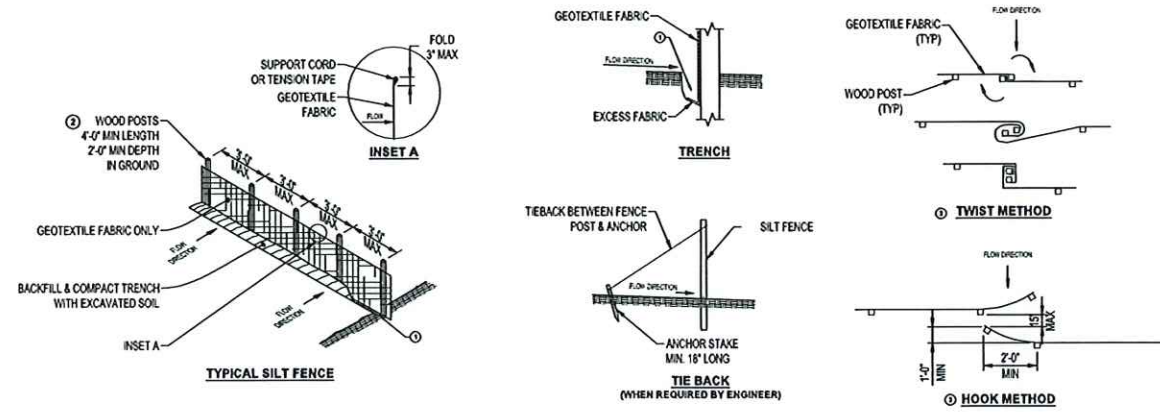
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TITLE
EROSION CONTROL NOTES

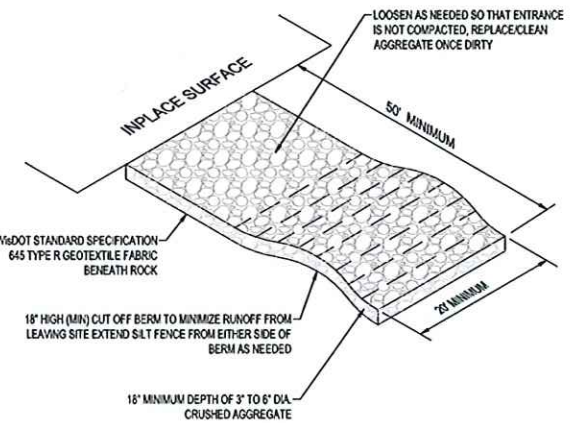
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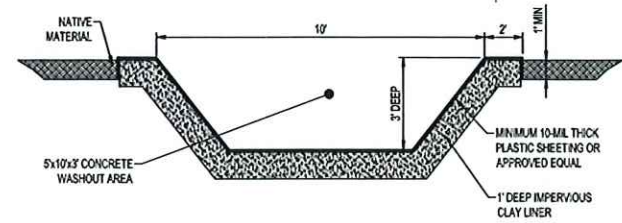
NOTES:

- ATTACH FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH & NAILS. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
- 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.
- ① FOR MANUAL INSTALLATIONS, TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY & ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH, BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ② WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" OF OAK OR HICKORY.
- ③ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS:
 - A. TWIST METHOD - OVERLAP THE END POSTS & TWIST, OR ROTATE AT LEAST 180°.
 - B. HOOK METHOD - HOOK END OF EACH SILT FENCE LENGTH.

SILT FENCE
NTS



ROCK TRACKING PAD
NTS



NOTES:

- CONCRETE WASHOUT LOCATION WILL BE APPROVED BY ENGINEER.
- CONTRACTOR SHALL INSTALL A SIGN INDICATING THE CONCRETE WASHOUT AREA.
- CONTRACTOR SHALL MAINTAIN WASHOUT AREA TO REMOVE MATERIALS BEYOND 75% CAPACITY.
- WASHOUT AREA SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS, OPEN DITCHES OR BODIES OF WATER.
- CONTRACTOR SHALL INSPECT WASHOUT AREA AS NECESSARY TO PREVENT LEAKS AND OVER TOPPING.
- WASHOUT AREA SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.

CONCRETE WASHOUT
NTS

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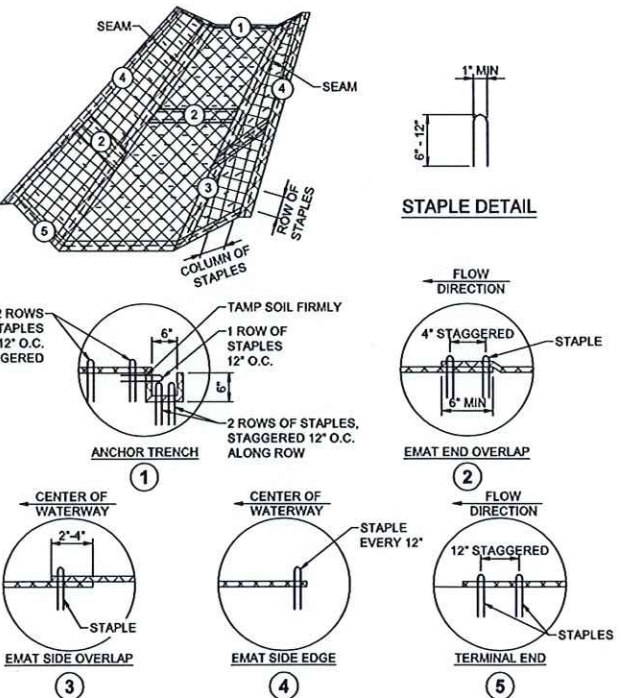
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TITLE

EROSION CONTROL DETAILS

SHEET
C1-20



KEY NOTES

- ① BURY UPSTREAM END OF MAT IN A TRENCH 6" WIDE BY 6" DEEP AND STAPLED IN STAGGERED ROWS ACROSS THE WIDTH.
- ② FOR JOINING ENDS OF ROLLS, OVERLAP END OF UP SLOPE MAT A MINIMUM OF 6" OVER DOWN SLOPE MAT (SHINGLE STYLE). USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART.
- ③ MATS ON SIDE SLOPES SHALL OVERLAP A MINIMUM OF 6" OVER THE MAT BELOW (SHINGLE STYLE). STAPLE OVERLAP AT 12" INTERVALS.
- ④ THE OUTER EDGE ALONG SIDES OF THE MAT SHALL BE STAPLED EVERY 12".
- ⑤ DOWNSTREAM (TERMINAL) END OF BLANKET SHALL BE STAPLED WITH A DOUBLE ROW OF STAGGERED STAPLES 12" APART.

NOTES:

- 1. INSTALL EROSION MAT (EMAT) OVER WATERWAYS AS SHOWN IN THE EROSION CONTROL PLAN.
- 2. THE EMAT SHALL CONFORM TO WISDOT STANDARD SPECIFICATIONS SECTION 628.
- 3. PREPARE SOIL PRIOR TO INSTALLING EMAT, INCLUDING SEEDING AND FERTILIZING.
- 4. THE EMAT SHALL BE PLACED IN FIRM CONTACT WITH THE SOIL AND NOT BE ALLOWED TO BRIDGE OVER SURFACE IRREGULARITIES. THE MAT SHALL NOT BE STRETCHED.
- 5. START LAYING THE MATS BY ROLLING CENTER MAT IN THE DIRECTION OF FLOW, CENTERED ON THE CENTERLINE OF WATERWAY. THERE SHALL NOT BE AN OVERLAP OF MATS AT THE CENTER OF THE WATERWAY.
- 6. THE EMAT SHALL BE ANCHORED, OVERLAPPED, AND STAPLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. IF NO MANUFACTURER'S INSTRUCTIONS ARE AVAILABLE, INSTALL THE MAT AS FOLLOWS.
- 7. STAPLES SHALL BE "U" SHAPED, 0.12" DIAMETER WIRE OR GREATER (#11 GAUGE) (SEE STAPLE DETAIL FOR DIMENSIONS).
- 8. STAPLES ARE TO BE PLACED ALTERNATELY IN COLUMNS (IN THE DIRECTION OF THE WATERWAY) 2' APART AND IN ROWS (ACROSS THE WATERWAY) 3' APART THROUGHOUT THE AREA COVERED BY THE ECB.

EROSION MAT INSTALLATION
NTS



EROSION CONTROL LEGEND

| SYMBOL | DESCRIPTION |
|-------------|-----------------------------------|
| — SF — | SILT FENCE, PREASSEMBLED |
| | ROCK CONSTRUCTION EXIT |
| | CONCRETE WASHOUT AREA |
| | Wet SEED MIX No. 10 |
| | EROSION CONTROL BLANKET |
| | EXISTING DRAINAGE ARROW |
| | PROPOSED DRAINAGE ARROW |
| --- 101 --- | EXISTING CONTOUR (MINOR INTERVAL) |
| --- 100 --- | EXISTING CONTOUR (MAJOR INTERVAL) |
| --- 101 --- | PROPOSED CONTOUR (MINOR INTERVAL) |
| --- 100 --- | PROPOSED CONTOUR (MAJOR INTERVAL) |

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.
 SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.
 NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

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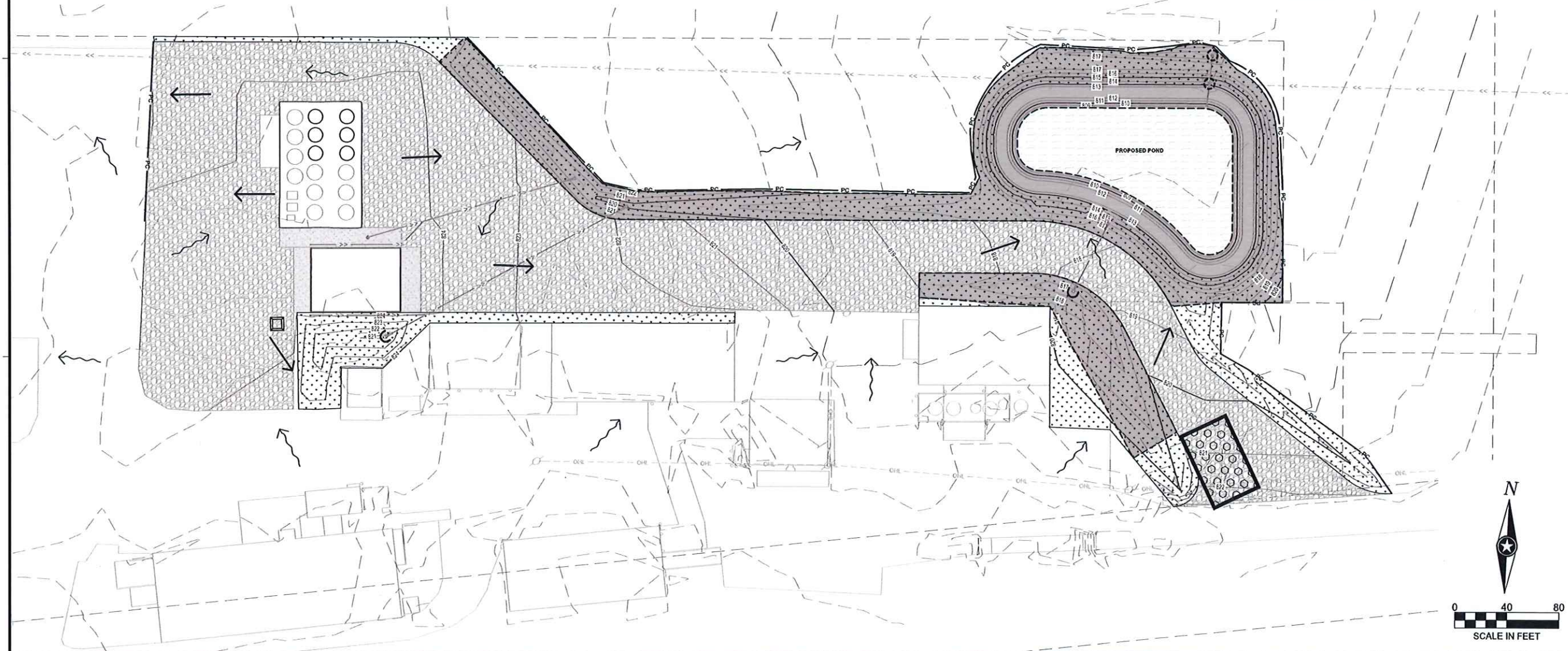
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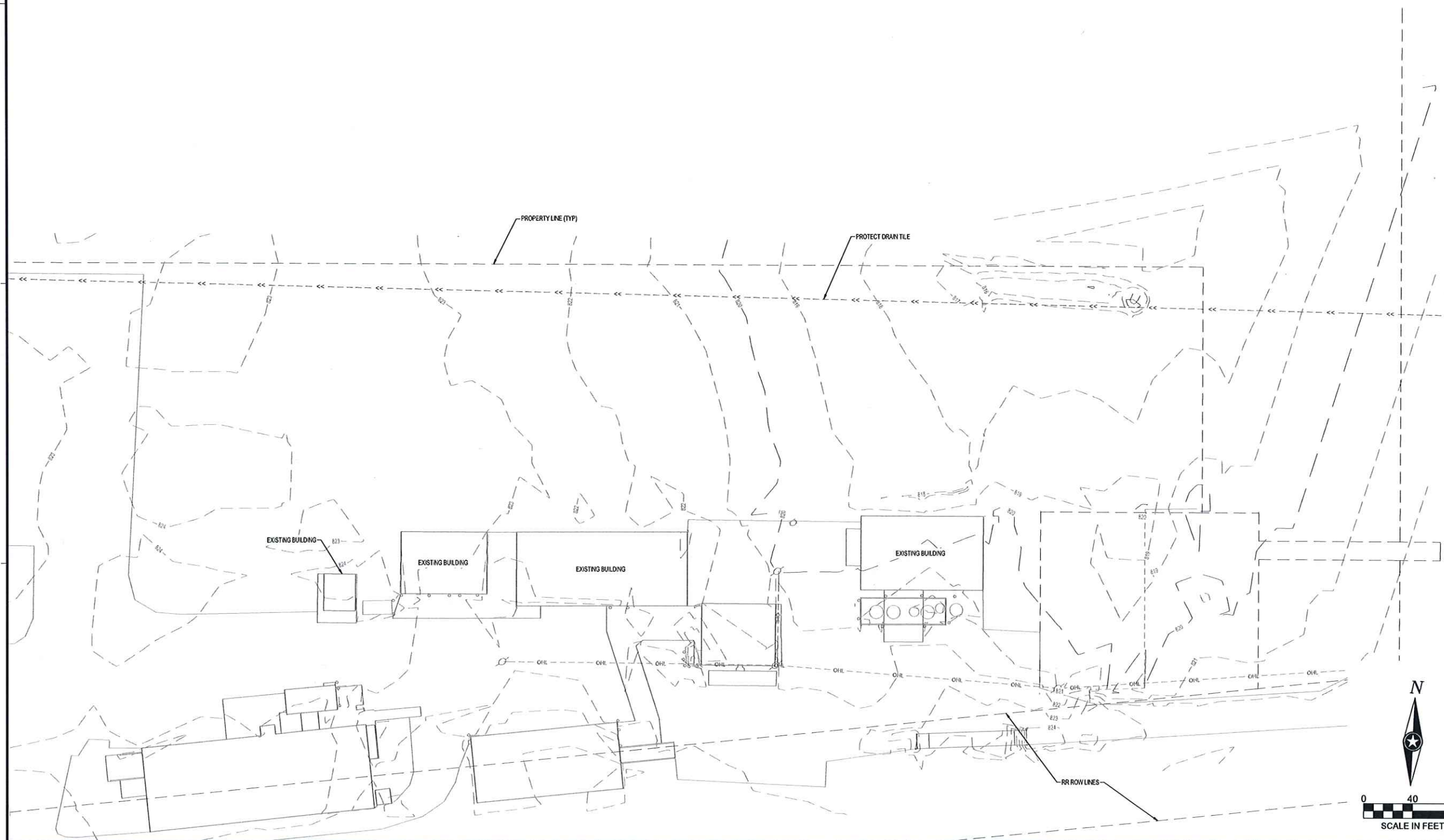
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TITLE
EROSION CONTROL PLAN

SHEET
C1-30





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TITLE
**EXISTING SITE
 AND REMOVALS**

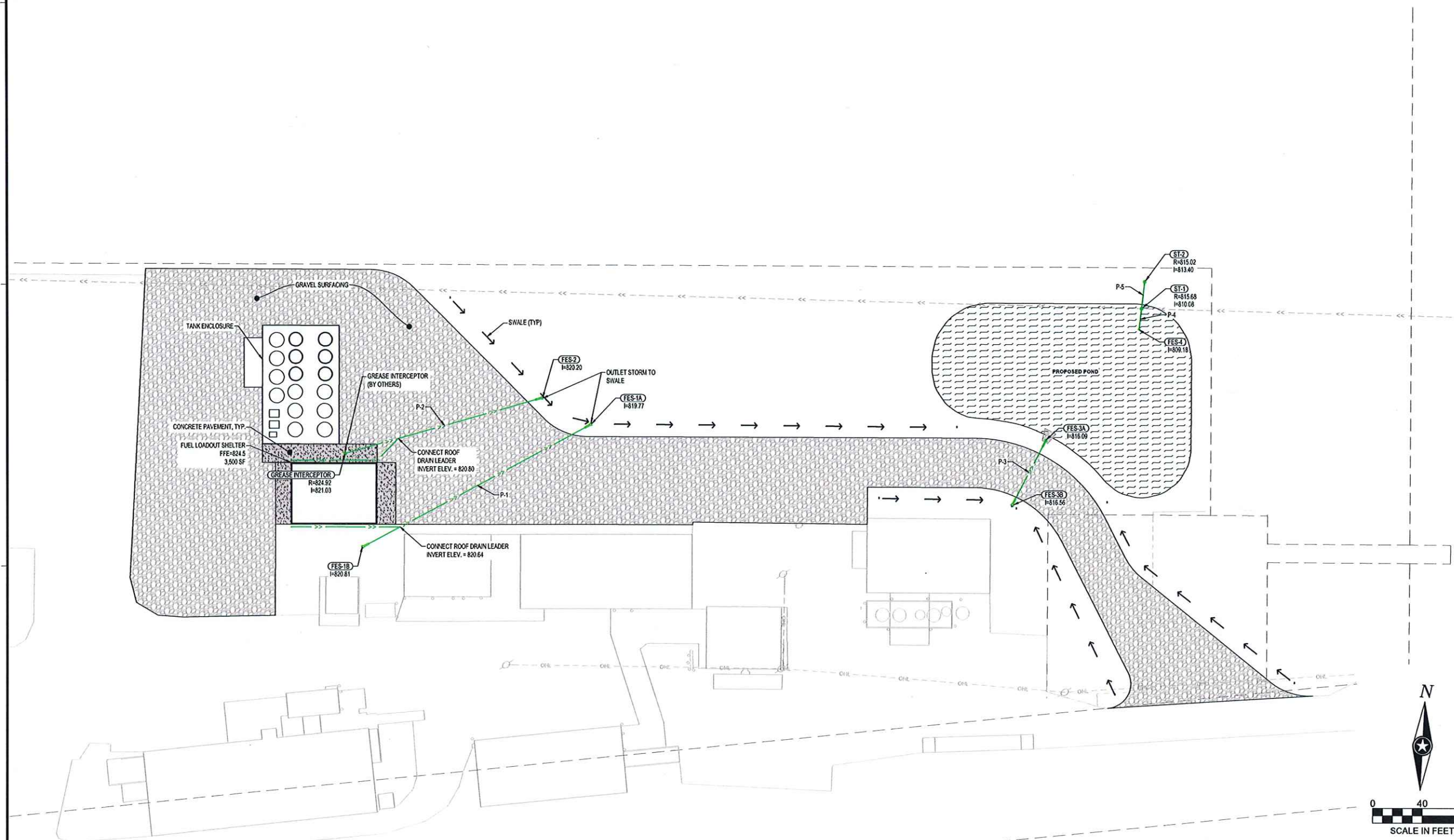
SHEET
C2-10

| STORM DRAIN STRUCTURE SCHEDULE | | | | | | | | |
|--------------------------------|----------------|---------------------|--------------------|----------------|--------------------------|---------------------------|---------------|-------------|
| STRUCTURE NO. | STRUCTURE TYPE | STRUCTURE SIZE (IN) | STRUCTURE MATERIAL | CASTING | STRUCTURE HEIGHT (LN FT) | *TOP OF CASTING ELEVATION | OUTLET INVERT | OUTLET PIPE |
| ST-1 | DRAIN BASIN | 18 0 | PVC | STANDARD GRATE | 5.60 | 815.68 | 810.08 | P-4 |
| ST-2 | DRAIN BASIN | 12 0 | PVC | STANDARD GRATE | 1.62 | 815.02 | 813.40 | P-5 |

| STORM DRAIN PIPE SCHEDULE | | | | | | | | | | |
|---------------------------|--------------------|-----------------|----------|------------------|----------------|----------|------------|------------|------------------|--|
| PIPE NO. | DRAIN FROM | INLET ELEVATION | DRAIN TO | OUTLET ELEVATION | PIPE SIZE (IN) | MATERIAL | PIPE CLASS | PIPE GRADE | PIPE LENGTH (FT) | |
| P-1 | FES-1B | 820.81 | FES-1A | 819.77 | 12 | RCP | V | 0.49% | 211 | |
| P-2 | GREASE INTERCEPTOR | 821.03 | FES-2 | 820.20 | 12 | RCP | V | 0.50% | 166 | |
| P-3 | FES-3B | 816.56 | FES-3A | 816.09 | 12 | RCP | V | 0.78% | 60 | |
| P-4 | ST-1 | 810.18 | FES-4 | 809.18 | 12 | HDPE | DUAL WALL | 5.78% | 17 | |
| P-5 | ST-2 | 813.50 | ST-1 | 813.30 | 12 | HDPE | DUAL WALL | 0.92% | 22 | |

| STORM DRAIN APRON SCHEDULE | | | | |
|----------------------------|-----------------|----------------|------------------|----------|
| APRON NO. | APRON SIZE (IN) | APRON MATERIAL | INVERT ELEVATION | PIPE NO. |
| FES-1A | 12 | RC | 819.77 | P-1 |
| FES-1B | 12 | RC | 820.81 | P-1 |
| FES-2 | 12 | RC | 820.20 | P-2 |
| FES-3A | 12 | RC | 816.09 | P-3 |
| FES-3B | 12 | RC | 816.56 | P-3 |
| FES-4 | 12 | HDPE | 809.18 | P-4 |

| PAVEMENT LEGEND | |
|---|---------------------|
| SYMBOL | DESCRIPTION |
|  | CONCRETE PAVEMENT |
|  | AGGREGATE SURFACING |



NOTE:
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PROJECT

KANSASVILLE WI

CONSERV FS

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
|----------|-------------------------------|-----|
| 05/03/24 | SUPPLEMENTAL INSTRUCTIONS #04 | AAQ |
| | | |
| | | |
| | | |

| | |
|---------------------|---------------|
| PROJECT NO. | 22-28114 |
| FILE NAME | 28114 C3 SITE |
| DRAWN BY | MJE/AAQ |
| DESIGNED BY | MJE |
| REVIEWED BY | KR |
| ORIGINAL ISSUE DATE | 09/20/23 |
| CLIENT PROJECT NO. | |

TITLE

SITE AND UTILITY PLAN

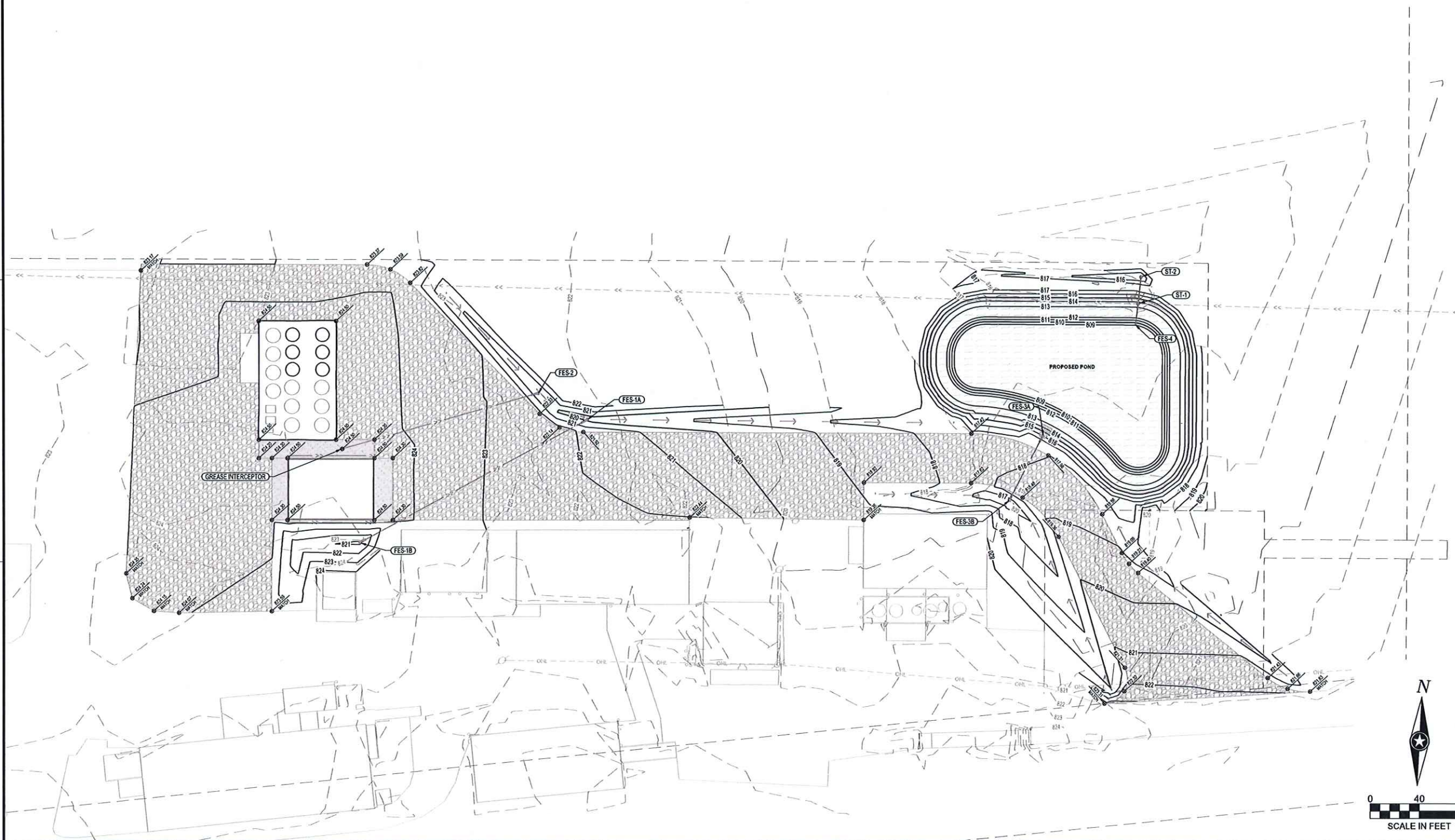
SHEET

C3-10



| GRADING LEGEND | |
|----------------|-----------------------------------|
| --- 101 --- | EXISTING CONTOUR (MINOR INTERVAL) |
| --- 100 --- | EXISTING CONTOUR (MAJOR INTERVAL) |
| — 101 — | PROPOSED CONTOUR (MINOR INTERVAL) |
| — 100 — | PROPOSED CONTOUR (MAJOR INTERVAL) |
| ① 20.0 | PROPOSED SPOT ELEVATION |
| -X.X% | SURFACE GRADE / DIRECTION |

GENERAL GRADING NOTES
 PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.



NOTE:
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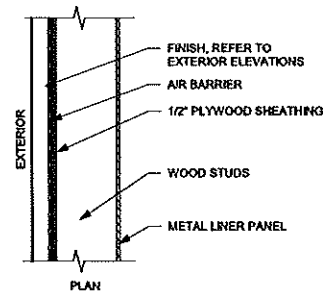
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PROJECT
CONSERV FS
 KANSASVILLE WI

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 05/03/24 | SUPPLEMENTAL INSTRUCTIONS #04 | AAQ |
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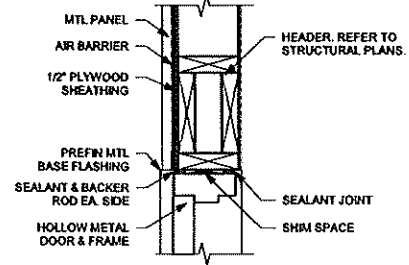
PROJECT NO. 22-28114
 FILE NAME 28114 C4 GRADE
 DRAWN BY MJE/AAQ
 DESIGNED BY MJE
 REVIEWED BY KR
 ORIGINAL ISSUE DATE 09/20/23
 CLIENT PROJECT NO. -

TITLE
GRADING PLAN
 SHEET
C4-10

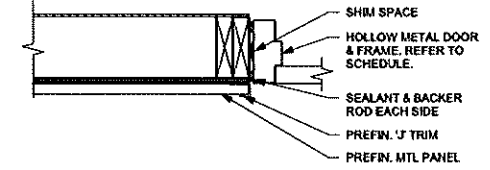


| WALL TYPE | STUD DESIGNATION | SPACING | FIRE RATING / UL DESIGN |
|-----------|------------------|---------|-------------------------|
| SW | 2x5 | 16" | |
| NOTES | | | |

1 EXTERIOR SHEAR WALL TYPE
1 1/2" = 1'-0"



2 HM DOOR HEAD AT WOOD STUDS
1 1/2" = 1'-0"



3 HM DOOR JAMB AT WOOD STUDS
1 1/2" = 1'-0"

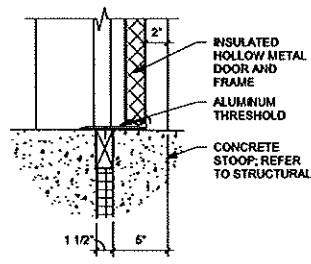
HARDWARE GROUP

1. HINGES
2. RIM EXIT DEVICE
3. EXTERIOR HARDWARE - ENTRY/EXIT, ALWAYS-LATCHED LEVER HANDLE
4. CLOSER
5. WEATHERSTRIPPING
6. DRIP
7. THRESHOLD
8. SWEEP

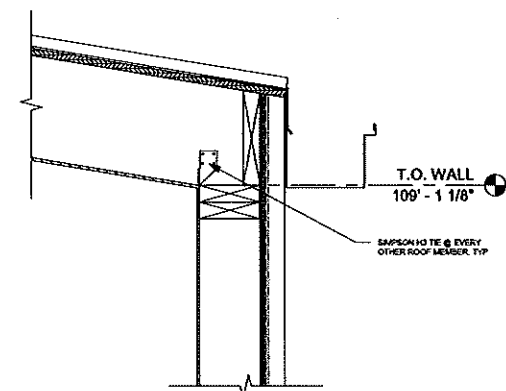
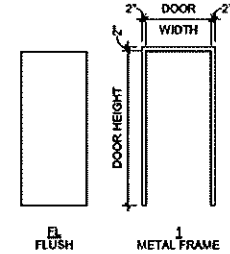
DOOR SCHEDULE

| MARK | ROOM NAME | WIDTH | HEIGHT | DOOR TYPE | DOOR MATERIAL | FRAME TYPE | FRAME MATERIAL | HARDWARE GROUP | COMMENTS |
|------|------------|-------|--------|-----------|---------------|------------|----------------|----------------|----------|
| 100 | ELECTRICAL | 3'-0" | 7'-0" | FL | HOLLOW METAL | 1 | HOLLOW METAL | 1.0 | |

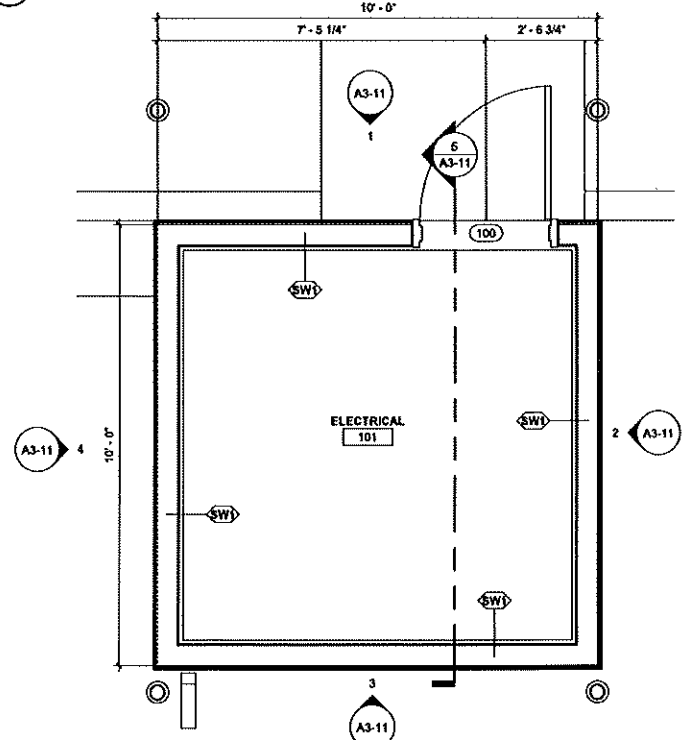
DOOR & FRAME TYPES



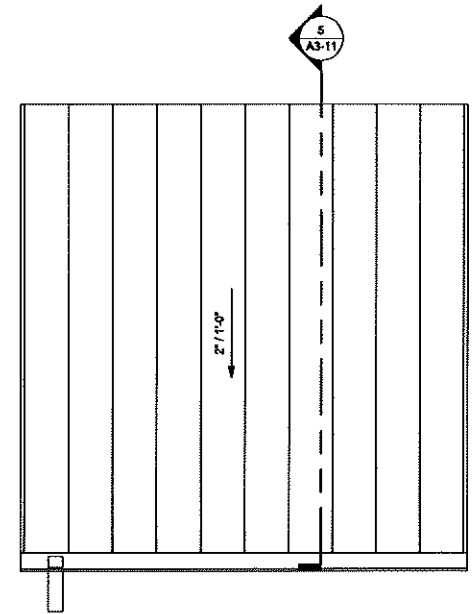
4 HM DOOR THRESHOLD AT CONCRETE FLOOR
1 1/2" = 1'-0"



5 TOP OF WALL DETAIL
1 1/2" = 1'-0"



6 FIRST FLOOR PLAN
1/2" = 1'-0"



7 ROOF PLAN
1/2" = 1'-0"



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PROJECT
CONSERV FS KANSASVILLE

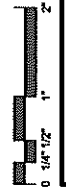
KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
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| | | |

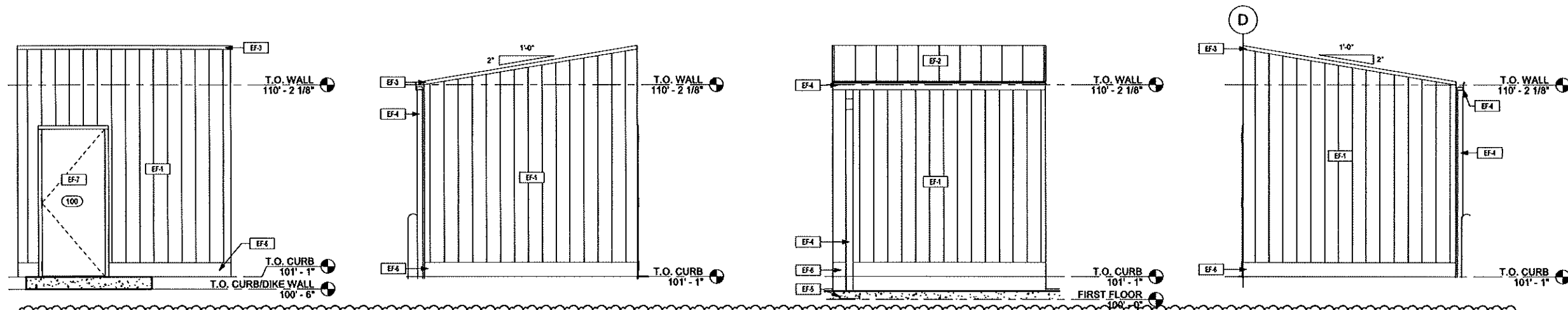
PROJECT NO. 23-28114
FILE NAME 28114 Arch R24.rvt
DRAWN BY KNM
DESIGNED BY KNM
REVIEWED BY DFS
ORIGINAL ISSUE DATE 12/05/23
CLIENT PROJECT NO.

TITLE
FLOOR PLANS, DOOR SCHEDULE, DETAILS & WALL TYPE

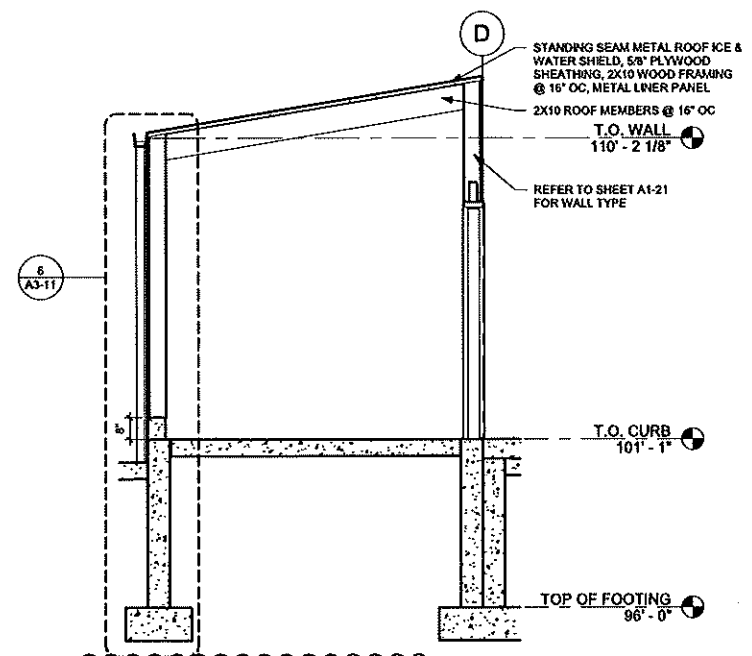
SHEET
A1-21



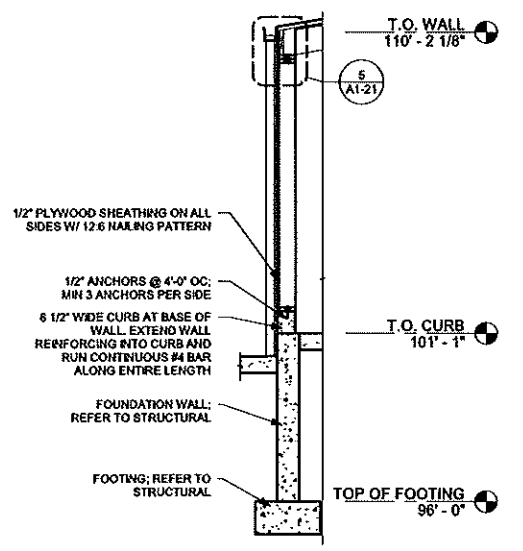
| EXTERIOR FINISH SCHEDULE | | | | | | |
|--------------------------|----------------------------------|--------------|--------------|--|------------------------|----------|
| MARK | MATERIAL TYPE | MANUFACTURER | MODEL / SIZE | COLOR | ADDITIONAL INFORMATION | COMMENTS |
| EF-1 | METAL PANEL SIDING | METL-SPAN | P80 PANEL | AS SELECTED FROM MANF. STANDARD COLORS | | |
| EF-2 | STANDING SEAM METAL ROOF | METL-SPAN | P80 PANEL | AS SELECTED FROM MANF. STANDARD COLORS | | |
| EF-3 | PRE-FIN METAL TRIM | | | COLOR TO MATCH EF-1 | | |
| EF-4 | PRE-FIN METAL GUTTER & DOWNSPOUT | | | COLOR TO MATCH EF-1 | | |
| EF-5 | CONCRETE SPLASH BLOCK | | | | | |
| EF-6 | CONCRETE CURB | | | | | |
| EF-7 | HM DOOR & FRAME | | | COLOR TO MATCH EF-1 | | |



1 EAST ELEVATION 3/8" = 1'-0"
 2 SOUTH ELEVATION 3/8" = 1'-0"
 3 WEST ELEVATION 3/8" = 1'-0"
 4 NORTH ELEVATION 3/8" = 1'-0"



5 BUILDING SECTION 3/8" = 1'-0"



6 TYPICAL WALL SECTION 3/8" = 1'-0"

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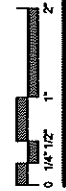
PROJECT
CONSERV FS KANSASVILLE

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

PROJECT NO. 23-28114
 FILE NAME 28114 Arch R24.rvt
 DRAWN BY KNM
 DESIGNED BY KNM
 REVIEWED BY DFS
 ORIGINAL ISSUE DATE 12/05/23
 CLIENT PROJECT NO.

TITLE
BUILDING ELEVATIONS, WALL & BUILDING SECTION

SHEET
A3-11



SPECIAL INSPECTIONS

1. SPECIAL INSPECTION PROGRAM SHALL CONFORM TO CHAPTER 17 OF THE IBC.
2. THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PERFORM THE REQUIRED TESTS AND SPECIAL INSPECTIONS WITH QUALIFICATIONS DESCRIBED PER IBC CHAPTER 17 AND THE PROJECT SPECIFICATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING INSPECTIONS AND TESTS. SUFFICIENT NOTICE AND LEAD TIME MUST BE ALLOWED FOR THE INSPECTION AND TESTING TO BE PERFORMED WITHOUT IMPEDING CONSTRUCTION OPERATIONS.
4. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND CONTRACTOR.
5. WHEN DEFICIENCIES ARE IDENTIFIED, THE CONTRACTOR MUST TAKE CORRECTIVE ACTIONS TO COMPLY WITH THE CONTRACT DOCUMENTS OR REMEDY THE DEFICIENCIES AS DIRECTED BY THE REGISTERED DESIGN PROFESSIONAL.
6. THE SPECIAL INSPECTION AND QUALITY ASSURANCE PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO PERFORM QUALITY CONTROL.
7. THE CONTRACTOR IS RESPONSIBLE FOR TESTING SERVICES THAT ARE REQUIRED FOR MATERIAL SUBMITTALS AND THAT ARE NOT PART OF THE SPECIAL INSPECTION PROGRAM (E.G. AGGREGATE TESTS, CONCRETE MIX DESIGNS, TESTING OF CONTROLLED FILL MATERIALS, ETC.).
8. SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

FABRICATED ITEMS (IBC 1704.2)

| |
|---|
| SPECIAL INSPECTION TYPE: FABRICATOR APPROVAL |
| SPECIAL INSPECTION IS NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTION PROVIDED THE FABRICATOR COMPLIES WITH IBC. |

CAST-IN-PLACE CONCRETE (IBC 1705.3)

| SPECIAL INSPECTION TYPE | FREQUENCY |
|--|-------------------------------|
| INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT. | PERIODIC |
| REINFORCING BAR WELDING: | |
| VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706. | PERIODIC |
| INSPECT SINGLE-PASS FILET WELDS, MAXIMUM 5/16". | PERIODIC |
| INSPECT ALL OTHER WELDS. | CONTINUOUS |
| INSPECT ANCHORS CAST IN CONCRETE. | PERIODIC |
| INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. | |
| ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. | CONTINUOUS |
| MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE. | PERIODIC |
| VERIFY USE OF REQUIRED DESIGN MIX. | PERIODIC |
| INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES. | CONTINUOUS |
| VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES. | PERIODIC |
| INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED. | PERIODIC |
| FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. | CONTINUOUS AT TIME OF TESTING |
| SAMPLE FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 150 CUBIC YARDS OF CONCRETE, NOR LESS THAN ONCE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS. A MINIMUM OF FIVE STRENGTH TESTS SHOULD BE MADE FOR A GIVEN PROJECT. | |

SOILS (IBC 1705.6)

| SPECIAL INSPECTION TYPE | FREQUENCY |
|--|------------|
| VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. | PERIODIC |
| VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL. | PERIODIC |
| PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS. | PERIODIC |
| VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. | CONTINUOUS |
| PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY. | PERIODIC |

SPECIAL INSPECTIONS FOR WIND RESISTANCE (IBC 1705.11)

| SPECIAL INSPECTION TYPE | FREQUENCY |
|--|-----------|
| WIND-RESISTING COMPONENTS: | |
| INSPECT FASTENING OF THE ROOF COVERING, ROOF DECK, AND ROOF FRAMING CONNECTIONS. | PERIODIC |
| INSPECT FASTENING OF THE EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING. | PERIODIC |

WOOD (IBC 1705.5)

| SPECIAL INSPECTION TYPE | FREQUENCY |
|--|------------|
| HIGH LOAD DIAPHRAGMS: INSPECT THE WOOD STRUCTURAL PANEL SHEATHING TO ASCERTAIN WHETHER IT IS OF THE GRADE AND THICKNESS SHOWN ON THE APPROVED CONSTRUCTION DOCUMENTS. VERIFY THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES AND THAT THE SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS AGREES WITH THE APPROVED CONSTRUCTION DOCUMENTS. | CONTINUOUS |
| METAL PLATE CONNECTED WOOD TRUSSES WITH OVERALL HEIGHTS OF 60 INCHES OR GREATER: VERIFY THAT THE INSTALLATION OF THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING HAS BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE. | CONTINUOUS |
| METAL PLATE CONNECTED WOOD TRUSSES WITH A CLEAR SPAN OF 60 FEET OR GREATER: VERIFY DURING CONSTRUCTION THAT THE TEMPORARY INSTALLATION RESTRAINT/BRACING IS INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE. | CONTINUOUS |



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PROJECT

**CONSERV FS
KANSASVILLE**

KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| | | |
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|---------------------|--------------------|
| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KNM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

TITLE
**SPECIAL
INSPECTIONS
(PER IBC 2015)**

SHEET
S1-01





| FOUNDATION WALL SCHEDULE | | | |
|--------------------------|-------|--------------------|----------|
| MARK | WIDTH | REINFORCEMENT | COMMENTS |
| EQW1 | 8'-0" | #5 BARS @ 12" OCEW | |
| FDW3 | 0'-0" | #5 BARS @ 18" OCEW | |

| FOOTING SCHEDULE | | | | | |
|------------------|--------|--------|-----------|--|----------|
| MARK | LENGTH | WIDTH | THICKNESS | REINFORCEMENT | COMMENTS |
| F1 | | 2'-0" | 1'-0" | (2) #5 BARS LONGITUDINAL | |
| F2 | 5'-0" | 6'-0" | 1'-0" | #5 BARS @ 12" OCEW TOP AND BOTTOM | |
| F3 | 6'-0" | 6'-0" | 1'-0" | #5 BARS @ 12" OCEW TOP AND BOTTOM | |
| F4 | | 10'-0" | 1'-0" | #6 BARS @ 12" OC LONGITUDINAL AND #6 BARS @ 8" OC TRANSVERSE | |

| SLAB SCHEDULE | | | |
|---------------|-----------|---|----------|
| MARK | THICKNESS | REINFORCEMENT | COMMENTS |
| SL1 | 16" | #6 BARS @ 6" OCEW BOTTOM & #6 BARS @ 12" OCEW TOP | |
| SL2 | 6" | #6 BARS @ 10" OCEW | |
| SL3 | 5" | #5 BARS @ 12" OCEW | |
| SL4 | 12" | (2) #5 BARS TOP AND BOTTOM OCEW | |
| SL5 | 8" | #6 BARS @ 12" OCEW | |
| SL6 | 12" | #6 BARS @ 6" OCEW BOTTOM & #6 BARS @ 12" OCEW TOP | |
| SL7 | | #5 BARS @ 12" OCEW W/ #4 DOWELS | |

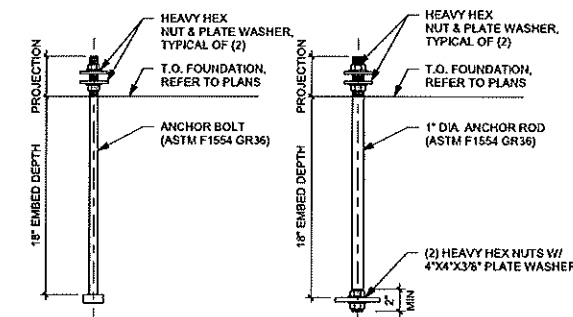
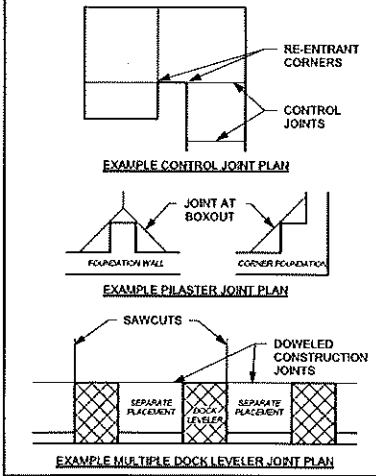
| PIER AND PILASTER SCHEDULE | | | | |
|----------------------------|--------|-------|---|----------|
| MARK | LENGTH | WIDTH | REINFORCEMENT | COMMENTS |
| P1 | 2'-2" | 2'-2" | (8) #6 BARS VERTICAL W/ #4 TIES @ 12" OC AND (3) IN THE TOP 12" | |

| HEADER SCHEDULE | | | | |
|-----------------|--------------|-------|------|----------|
| MARK | MEMBER TYPES | STUDS | | COMMENTS |
| | | JACK | KING | |
| H1 | (2) 2x8 | 1 | 1 | |

| SHEAR WALL SCHEDULE | |
|---------------------|---|
| MARK | DESCRIPTION |
| SW1 | 1/2" FLYWOOD SHEATHING @ ALL SIDES W/ 12.6 NAIL PATTERN |

CONTROL JOINT PLACEMENT GUIDELINES

- SPACE JOINTS (IN FEET) NO MORE THAN 2-3 TIMES THE SLAB THICKNESS (IN INCHES). FOR EXAMPLE, A 4" SLAB SHOULD HAVE JOINTS 8' TO 12' APART.
- CUT JOINTS 25% OF THE DEPTH OF SLAB, MIN.
- CUT JOINTS USING GROOVING TOOLS IN FRESH CONCRETE OR SAW CUTTING JOINTS AS SOON AS THE CONCRETE IS HARD ENOUGH THAT THE EDGES ABUTTING THE CUT DON'T CHIP FROM THE SAW BLADE.
- IN HOT WEATHER, CONCRETE MIGHT CRACK IF JOINTS ARE NOT CUT WITHIN 6-12 HOURS AFTER FINISHING CONCRETE. PLAN ALTERNATE JOINT CUTTING EQUIPMENT ACCORDINGLY.
- WHERE POSSIBLE, PLACE JOINTS UNDER PROPOSED NON-LOAD-BEARING WALL LOCATIONS OR UNDER CARPET AREAS.
- MINIMIZE RE-ENTRANT CORNERS AND AVOID WHERE POSSIBLE.



1 ANCHOR BOLT DETAIL
1 1/2" = 1'-0"

BASE PLATE LEGEND

BP1

- 1" STEEL BASE PLATE
- (4) 3/4" DIA ASTM F1554 ANCHOR BOLTS WITH NUT
- 12" EMBED
- 5" PROJECTION
- SET BASE PLATE ON 1 1/2" NON-SHRINK GROUT
- PL1/4x2x2 PLATE WASHERS

BP2

- 1" STEEL BASE PLATE
- (4) 3/4" DIA ASTM F1554 ANCHOR BOLTS WITH NUT
- 12" EMBED
- 5" PROJECTION
- SET BASE PLATE ON 1 1/2" NON-SHRINK GROUT
- PL1/4x2x2 PLATE WASHERS

NOTE:
1. BASE PLATES ARE SHOWN FOR REFERENCE ONLY. VERIFY WITH PEMB SUPPLIER

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PROJECT

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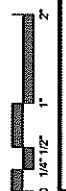
KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 10/16/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KNM |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

PROJECT NO. 23-28114
FILE NAME 28114 Arch R24.rvt
DRAWN BY KNM
DESIGNED BY OA
REVIEWED BY DCM
ORIGINAL ISSUE DATE 09/22/23
CLIENT PROJECT NO.

STRUCTURAL SCHEDULES

SHEET
S1-05



KEYNOTE LEGEND

5 SUMP PIT.

ISG

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PROJECT

**CONSERV FS
KANSASVILLE**

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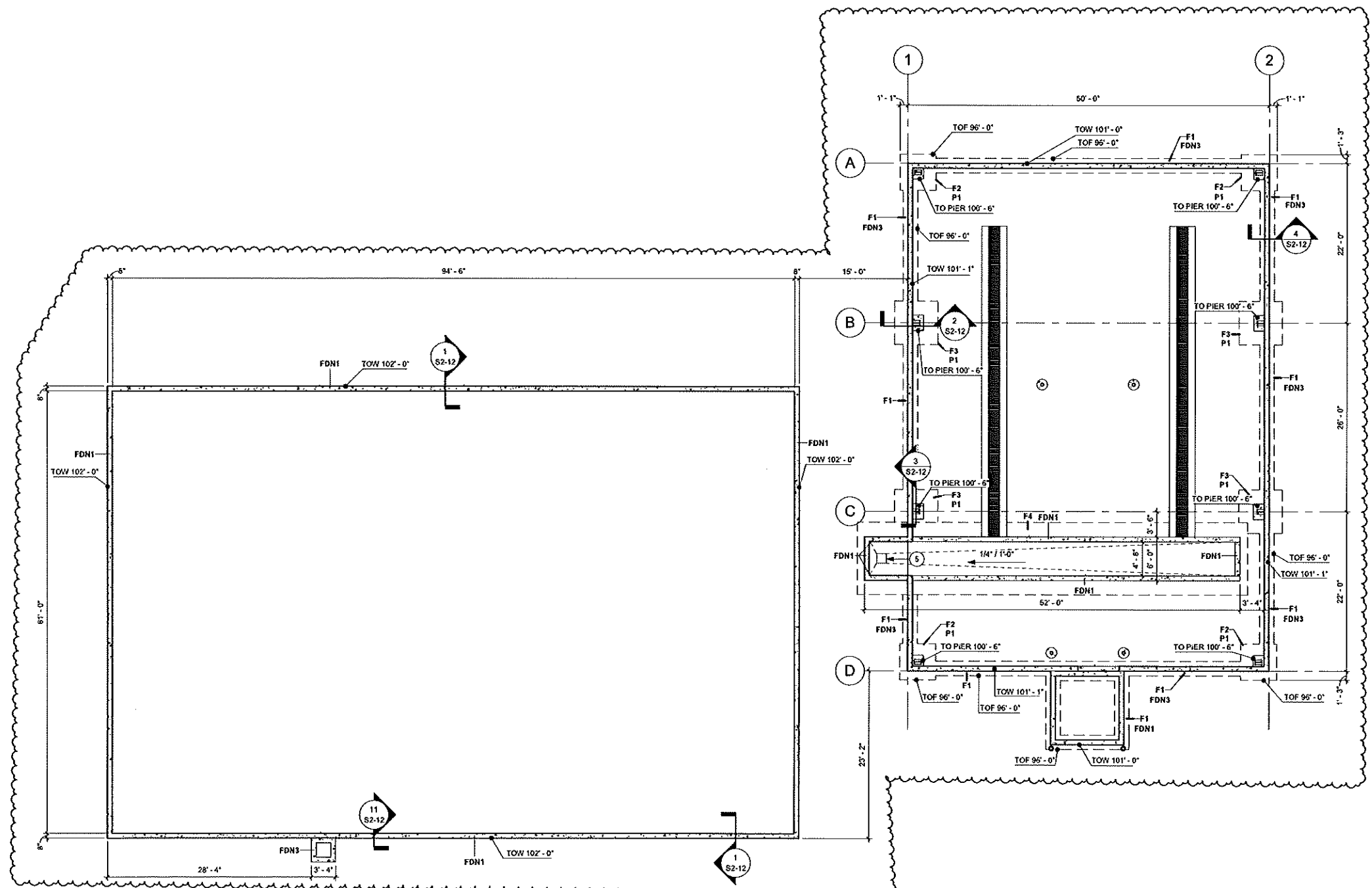
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|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 10/19/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KNM |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| 12/27/23 | SUPPLEMENTAL INSTRUCTIONS #03 | KNM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

PROJECT NO. 23-28114
 FILE NAME 28114 Arch R24.rvt
 DRAWN BY KNM
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 REVIEWED BY DCM
 ORIGINAL ISSUE DATE 09/22/23
 CLIENT PROJECT NO.

TITLE
**FOUNDATION
 PLAN**

SHEET

S1-11



FOUNDATION PLAN
 1/8" = 1'-0"



| KEYNOTE LEGEND | |
|----------------|--------------------------------|
| 1 | HP1: #5 HAIRPIN W/4" - 0" LEGS |



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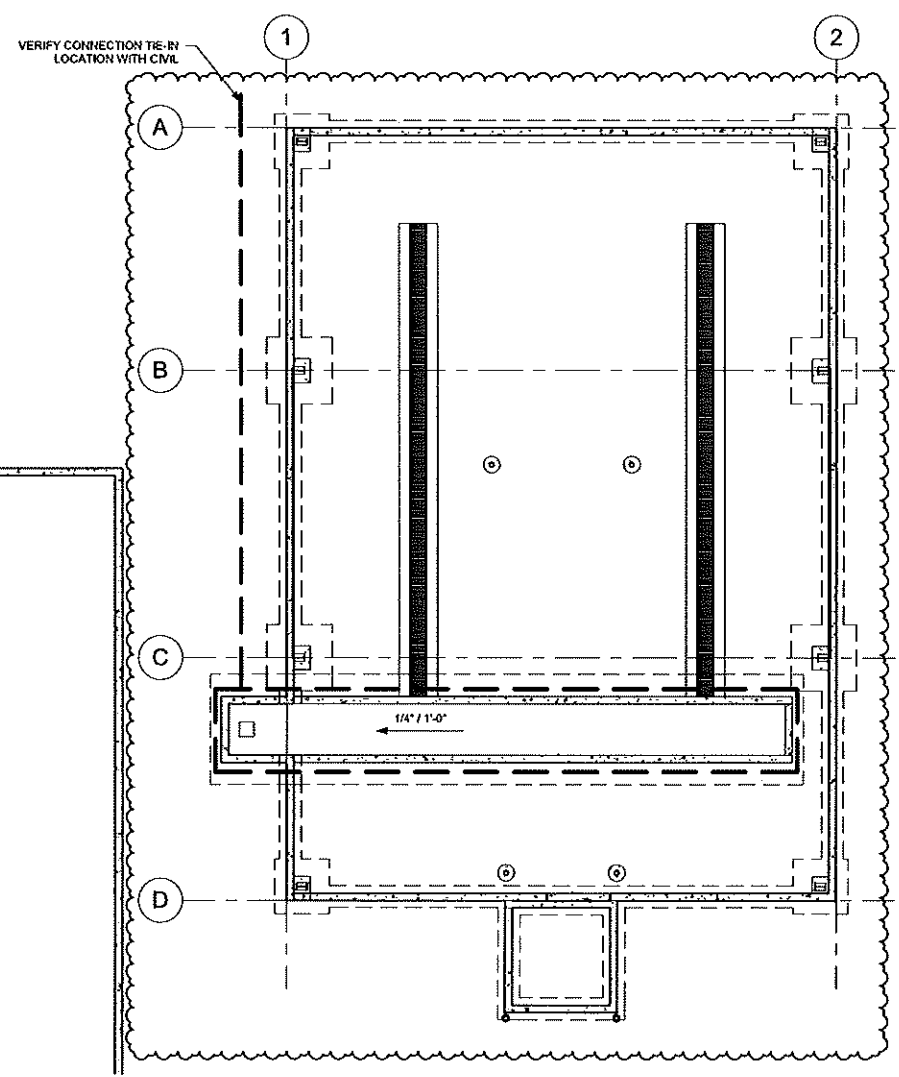
KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |
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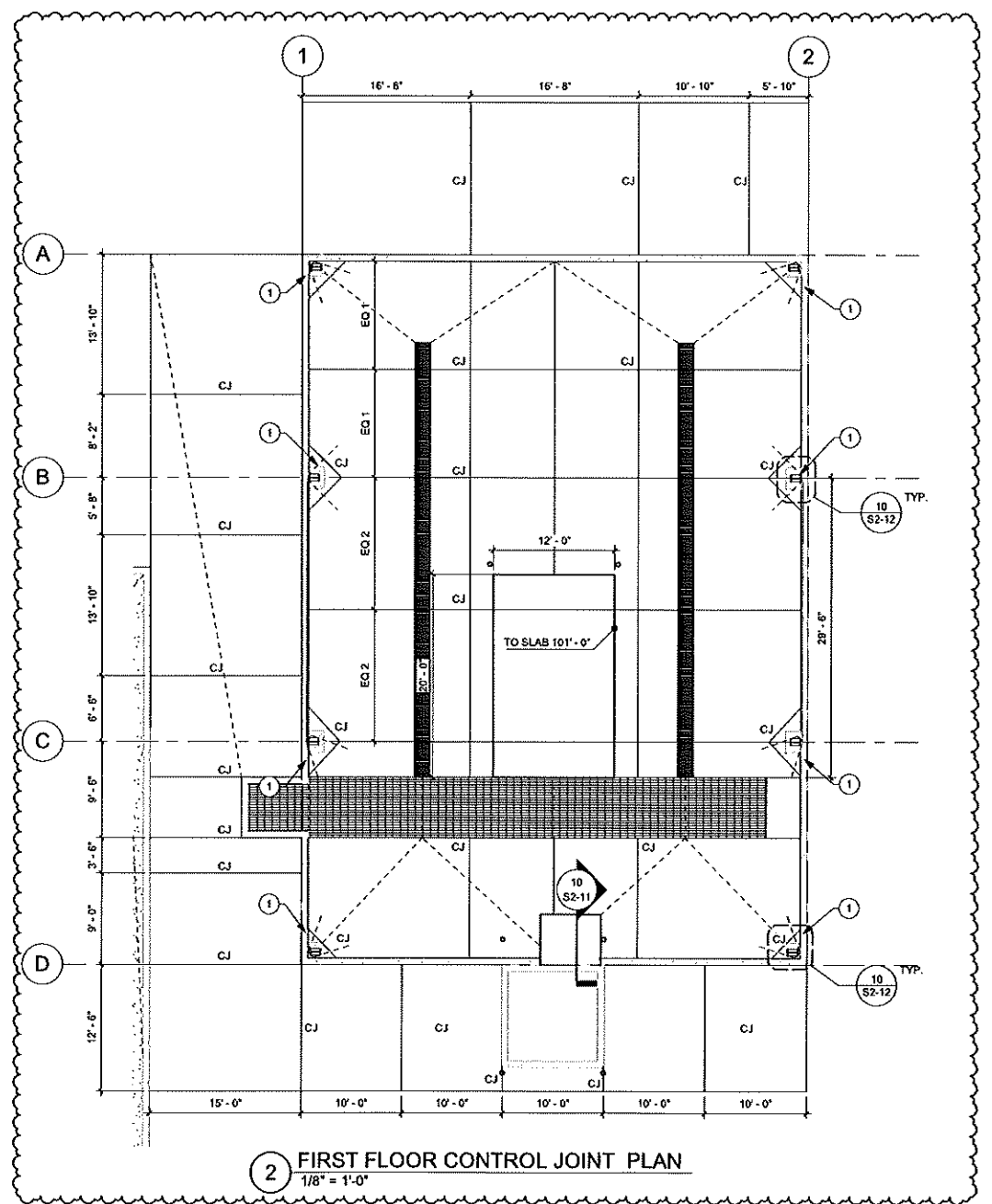
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| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KNM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

TITLE
**DRAIN TILE &
CONTROL JOINT
PLAN**

SHEET
S1-21



1 DRAIN TILE PLAN
1/8" = 1'-0"

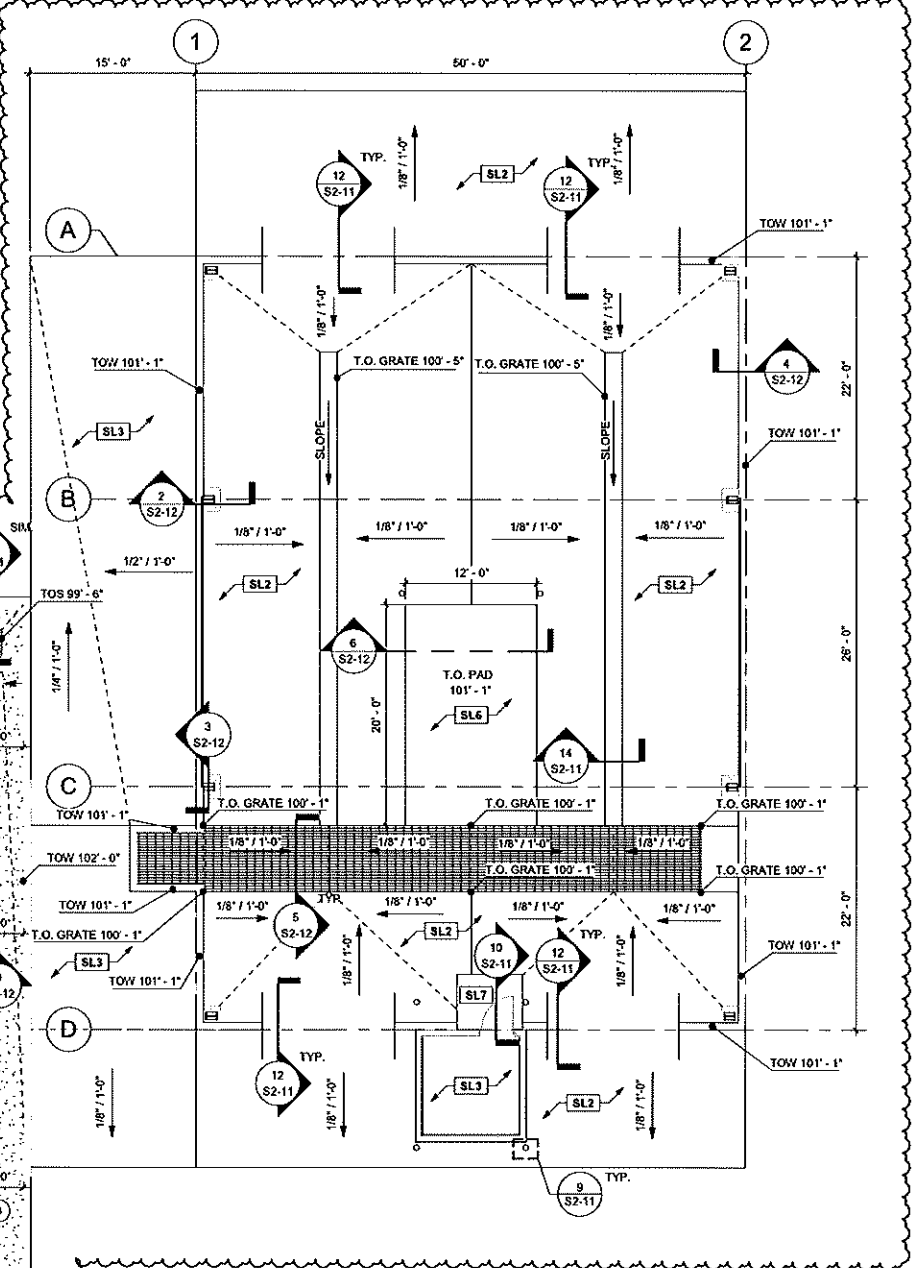
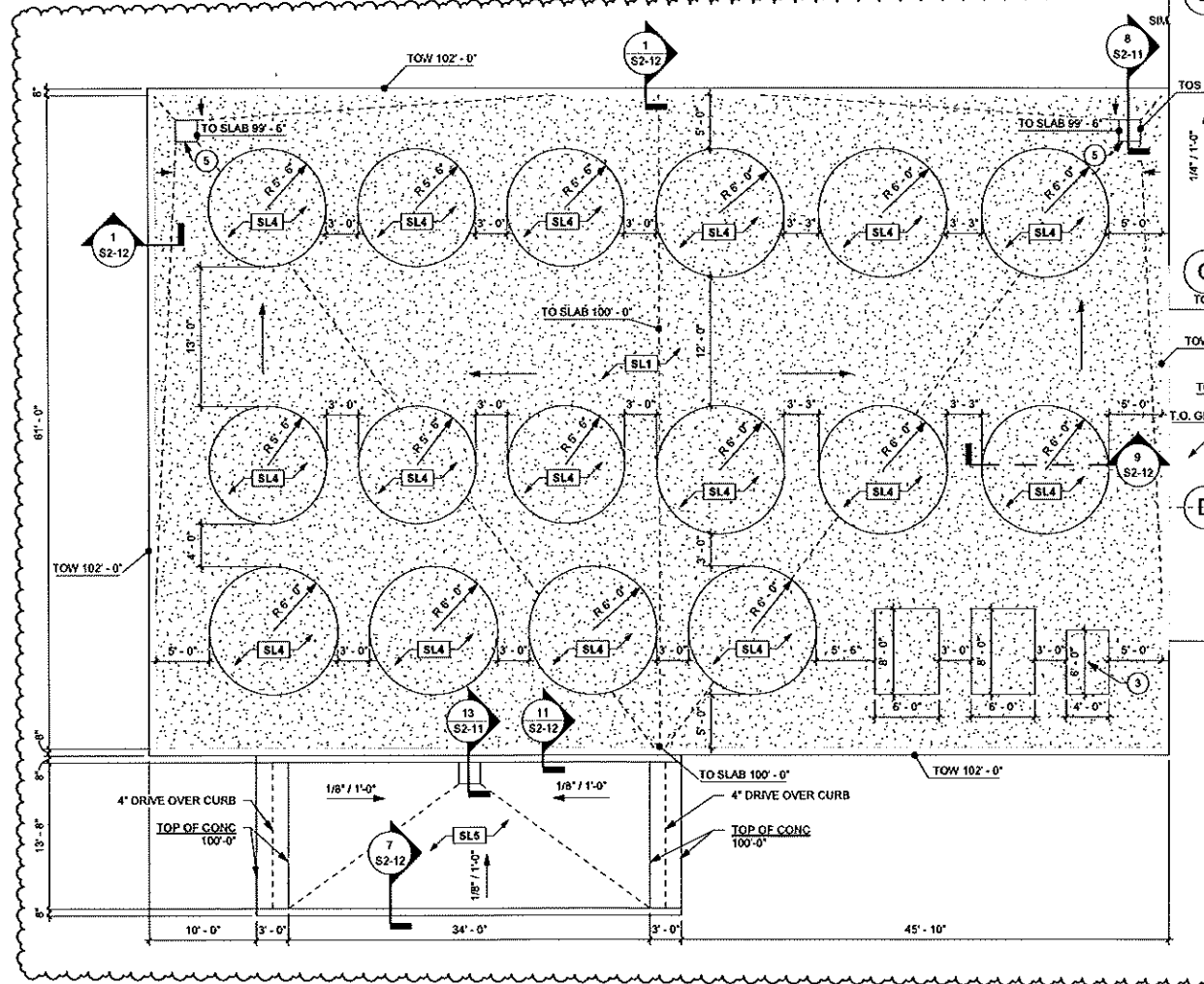
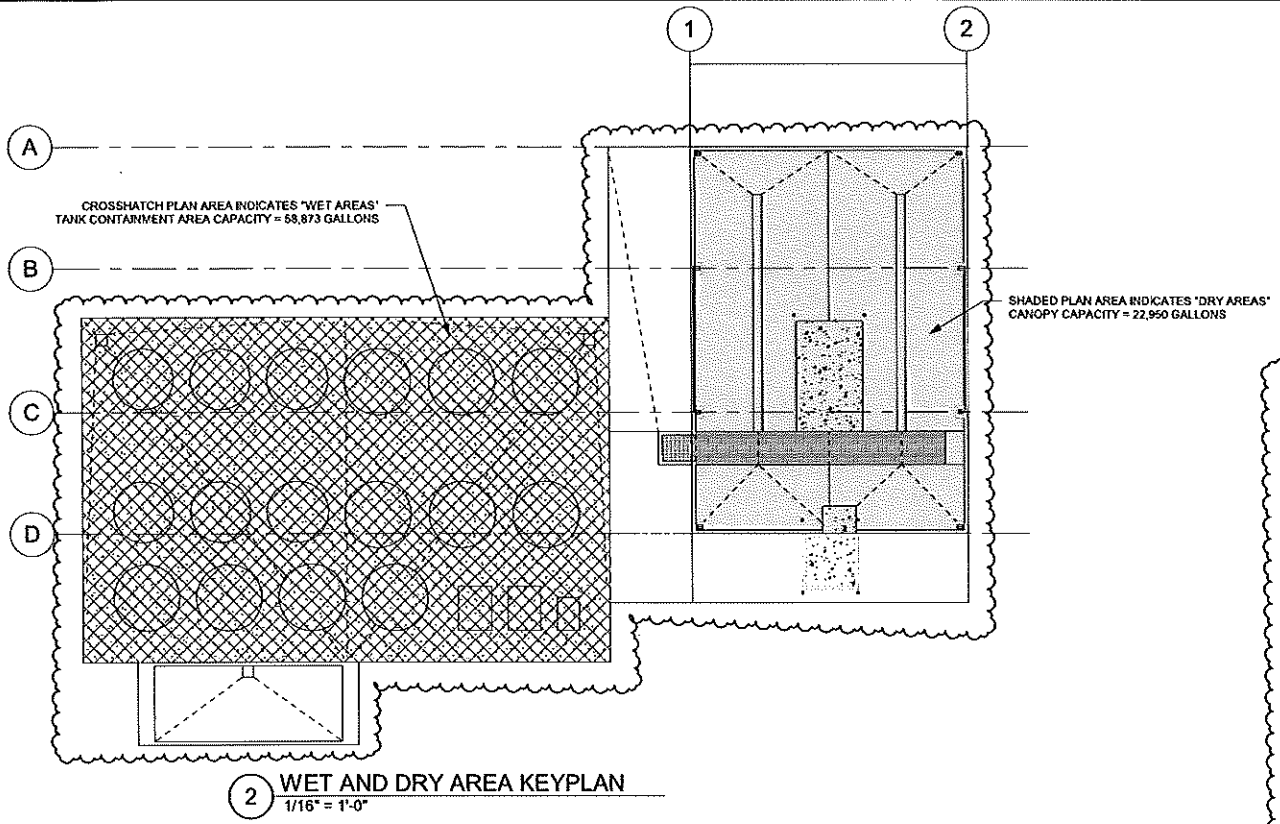


2 FIRST FLOOR CONTROL JOINT PLAN
1/8" = 1'-0"



SHEET NOTES
 A. REFER TO FOUNDATION DETAILS FOR TYPICAL CONSTRUCTION JOINT AND CONTROL JOINT DETAILS.
 B. REFER TO CIVIL FOR GRADING

KEYNOTE LEGEND
 3 CONCRETE HOUSEKEEPING PAD HEIGHT AND EXTENTS WITH EOR PRIOR TO INSTALLATION
 5 SUMP PIT



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PROJECT

**CONSERV FS
 KANSASVILLE**

KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 10/19/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KNM |
| 12/27/23 | SUPPLEMENTAL INSTRUCTIONS #03 | KNM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

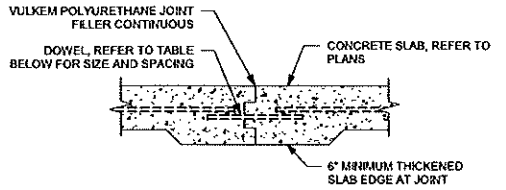
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| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KNM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

TITLE

SLAB PLAN

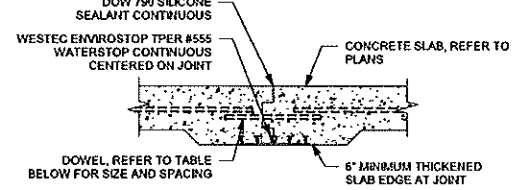
SHEET
S1-31





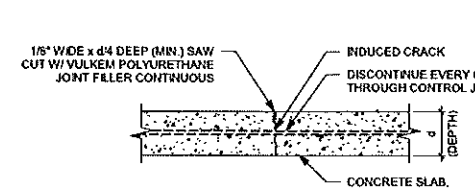
| SLAB DEPTH | DOWEL DIMENSIONS | | | DOWEL SPACING (CENTER-TO-CENTER) | | |
|------------|------------------|--------------|-------------|----------------------------------|--------|-------------|
| | ROUND | SQUARE | PLATE DOWEL | ROUND | SQUARE | PLATE DOWEL |
| 5" TO 6" | 3/4" Ø x 10" | 3/4" x 10" | M/R* | 12" | 14" | 18" |
| 7" TO 8" | 1" Ø x 13" | 1" x 13" | M/R* | 12" | 14" | 18" |
| 9" TO 11" | 1 1/4" Ø x 15" | 1 1/4" x 15" | M/R* | 12" | 12" | 18" |

*M/R = MANUFACTURER'S RECOMMENDATIONS. BECAUSE OF THE VARIOUS PLATE DOWEL GEOMETRIES AND INSTALLATION DEVICES AVAILABLE FROM DIFFERENT MANUFACTURERS, THE MANUFACTURERS SHOULD BE CONSULTED FOR THEIR RECOMMENDED PLATE DOWEL SIZE.



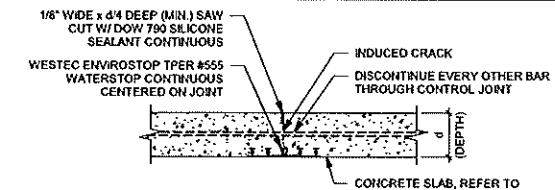
| SLAB DEPTH | DOWEL DIMENSIONS | | | DOWEL SPACING (CENTER-TO-CENTER) | | |
|------------|------------------|--------------|-------------|----------------------------------|--------|-------------|
| | ROUND | SQUARE | PLATE DOWEL | ROUND | SQUARE | PLATE DOWEL |
| 5" TO 6" | 3/4" Ø x 10" | 3/4" x 10" | M/R* | 12" | 14" | 18" |
| 7" TO 8" | 1" Ø x 13" | 1" x 13" | M/R* | 12" | 14" | 18" |
| 9" TO 11" | 1 1/4" Ø x 15" | 1 1/4" x 15" | M/R* | 12" | 12" | 18" |

*M/R = MANUFACTURER'S RECOMMENDATIONS. BECAUSE OF THE VARIOUS PLATE DOWEL GEOMETRIES AND INSTALLATION DEVICES AVAILABLE FROM DIFFERENT MANUFACTURERS, THE MANUFACTURERS SHOULD BE CONSULTED FOR THEIR RECOMMENDED PLATE DOWEL SIZE.



| REINFORCED SLAB DEPTH | PREFERRED SPACING | CONTROL JOINT DEPTH (MIN.) |
|-----------------------|-------------------|----------------------------|
| 4" | 8' TO 12' | 1" |
| 5" | 10' TO 15' | 1.25" |
| 6" | 12' TO 18' | 1.5" |
| 7" | 14' TO 21' | 1.75" |
| ≥ 8" | 16' TO 24' | 2" |

REFER TO CONTROL JOINT PLACEMENT GUIDE FOR ADDITIONAL CONTROL JOINT INFORMATION.



| REINFORCED SLAB DEPTH | PREFERRED SPACING | CONTROL JOINT DEPTH (MIN.) |
|-----------------------|-------------------|----------------------------|
| 4" | 8' TO 12' | 1" |
| 5" | 10' TO 15' | 1.25" |
| 6" | 12' TO 18' | 1.5" |
| 7" | 14' TO 21' | 1.75" |
| ≥ 8" | 16' TO 24' | 2" |

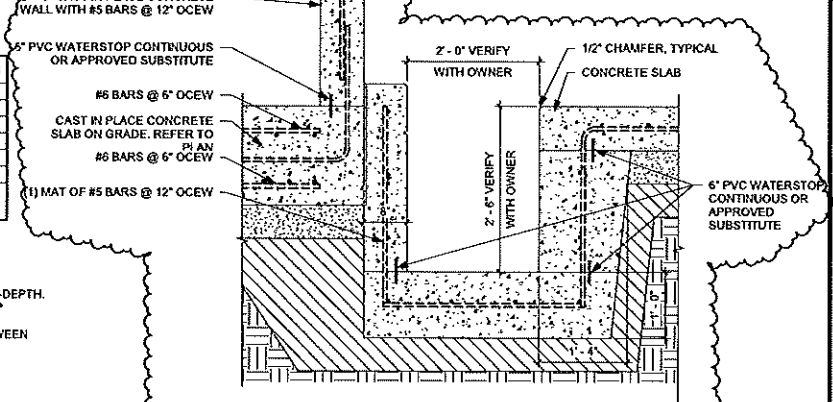
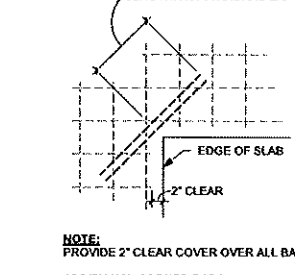
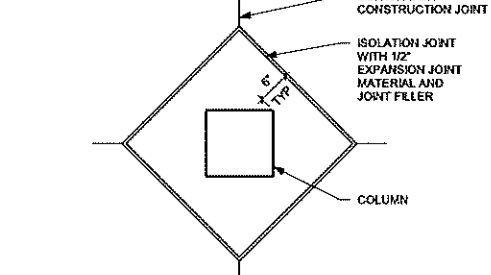
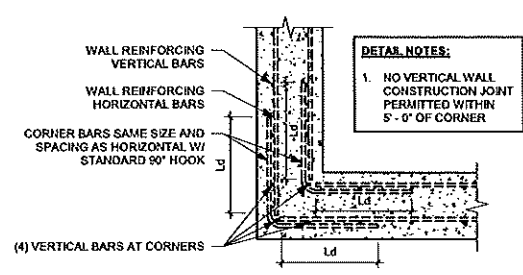
REFER TO CONTROL JOINT PLACEMENT GUIDE FOR ADDITIONAL CONTROL JOINT INFORMATION.

1 CONSTRUCTION JOINT DETAIL
1" = 1'-0"

2 CONSTRUCTION JOINT DETAIL - CONTAINMENT AREAS
1" = 1'-0"

3 CONTROL JOINT DETAIL
1" = 1'-0"

4 CONTROL JOINT DETAIL - CONTAINMENT AREAS
1" = 1'-0"

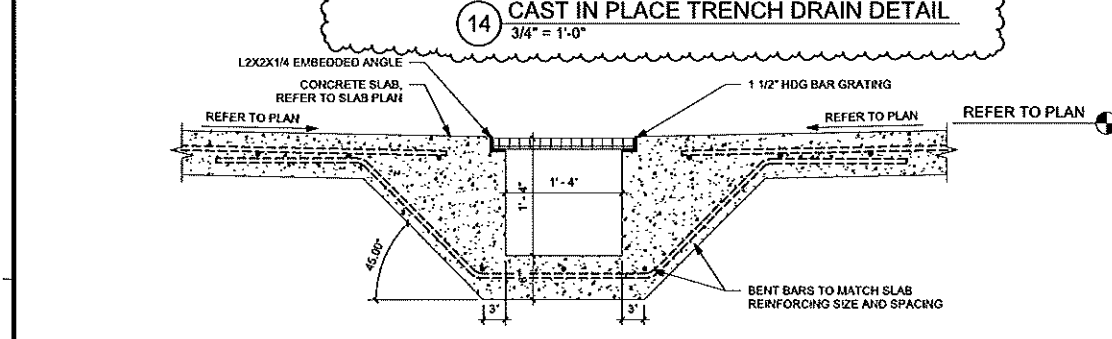
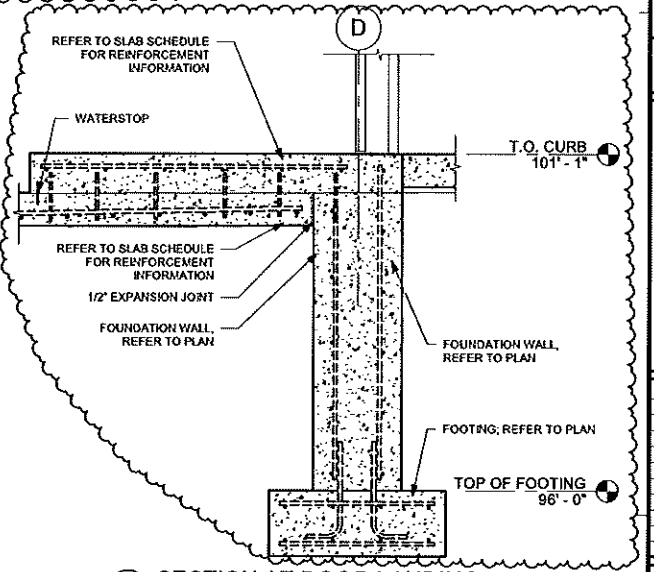
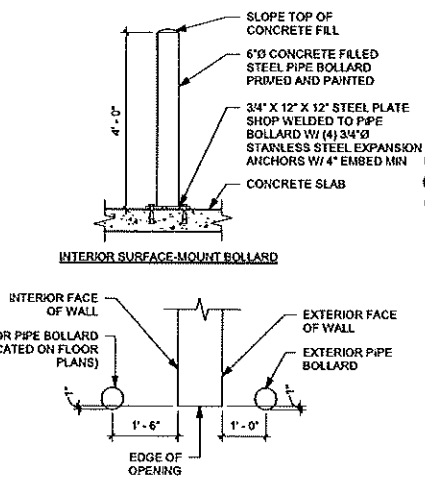
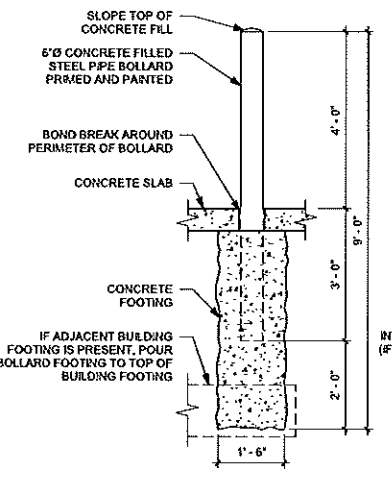
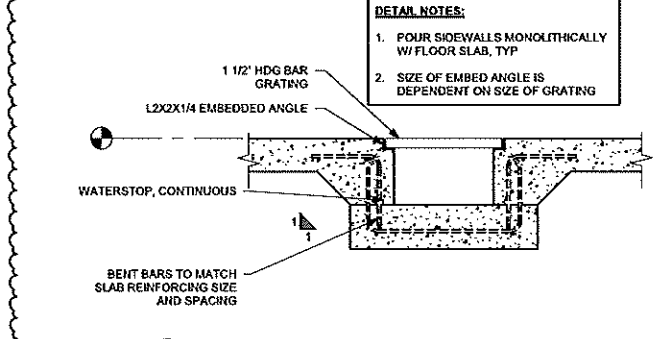


5 CONCRETE WALL CORNER DETAIL
3/4" = 1'-0"

6 FLOOR/COLUMN ISOLATION JOINT DETAIL
3/4" = 1'-0"

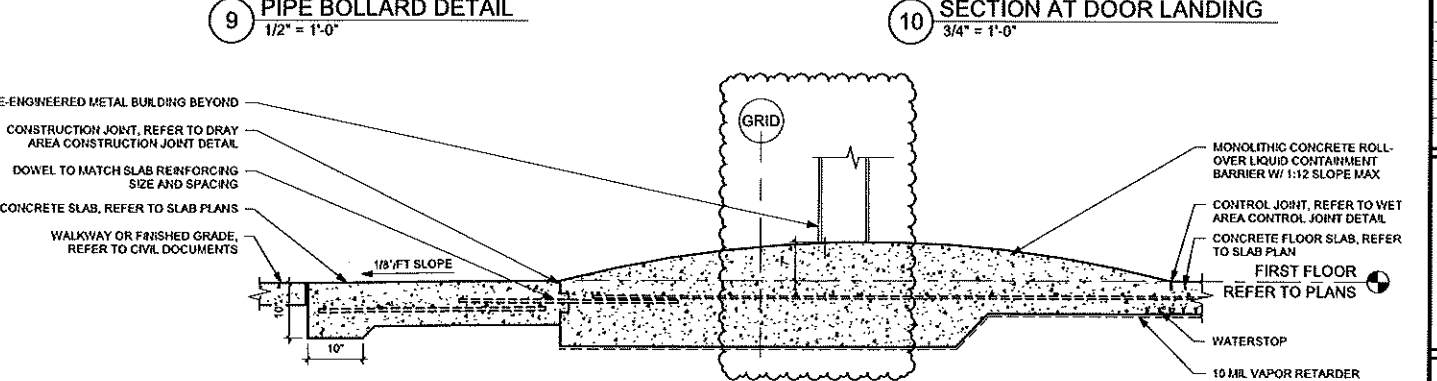
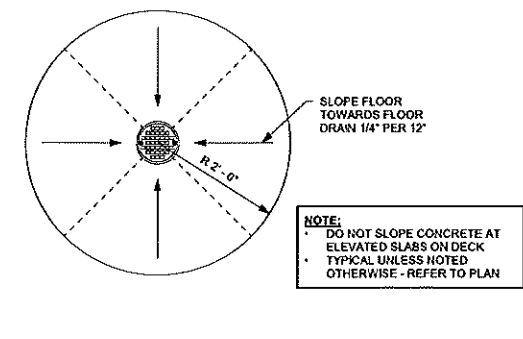
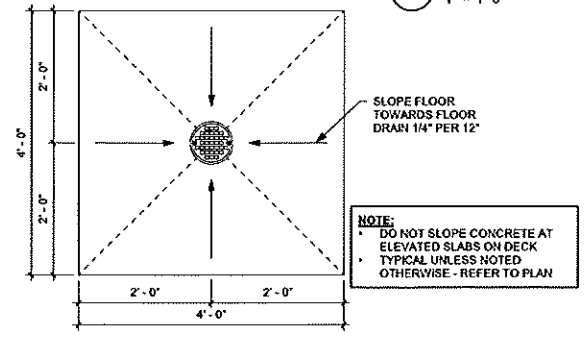
7 SLAB REENTRANT CORNER DETAIL
3/4" = 1'-0"

13 LOAD OUT SLAB - SUMP PIT DETAIL
3/4" = 1'-0"



9 PIPE BOLLARD DETAIL
1/2" = 1'-0"

10 SECTION AT DOOR LANDING
3/4" = 1'-0"



11 TYPICAL SLAB DEPRESSION AT FLOOR DRAIN
3/4" = 1'-0"

12 TYPICAL ROLL-OVER LIQUID CONTAINMENT BARRIER DETAIL
3/4" = 1'-0"

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PROJECT

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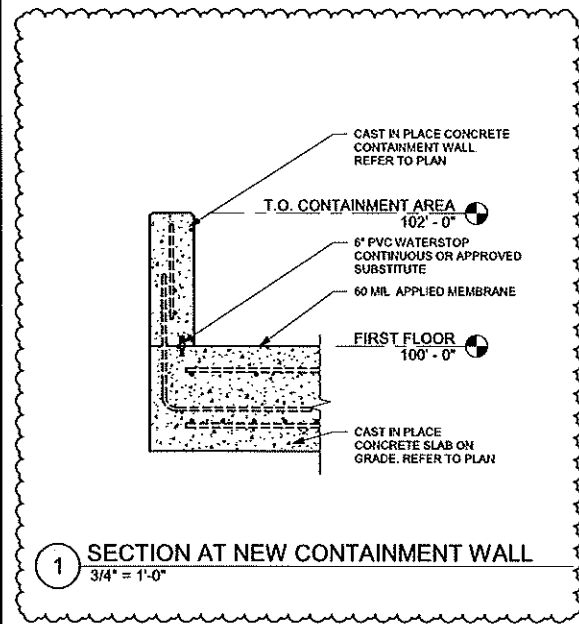
KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|------|
| DATE | DESCRIPTION | BY |
| 10/19/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KNM |
| 12/05/23 | SUPPLEMENTAL INSTRUCTIONS #02 | KNM |
| 12/27/23 | SUPPLEMENTAL INSTRUCTIONS #03 | KJBA |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |

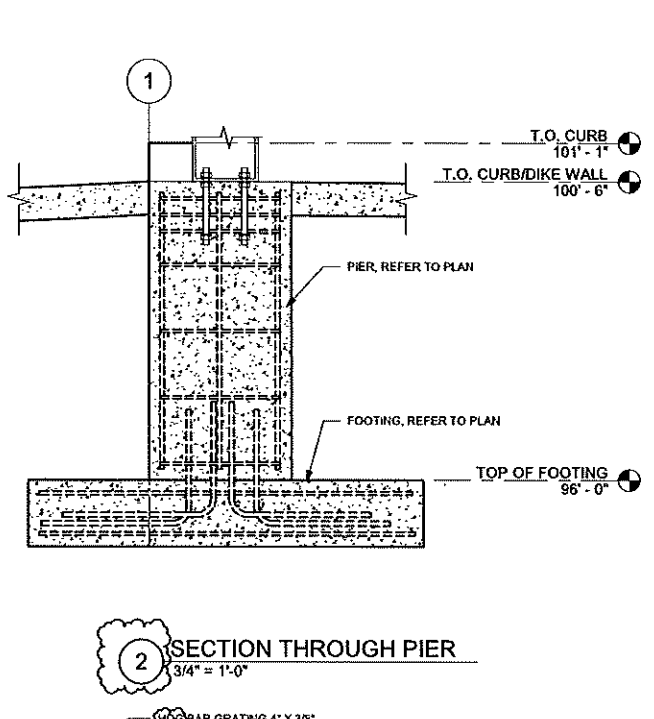
| | |
|---------------------|--------------------|
| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KNM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

**FOUNDATION &
SLAB DETAILS**

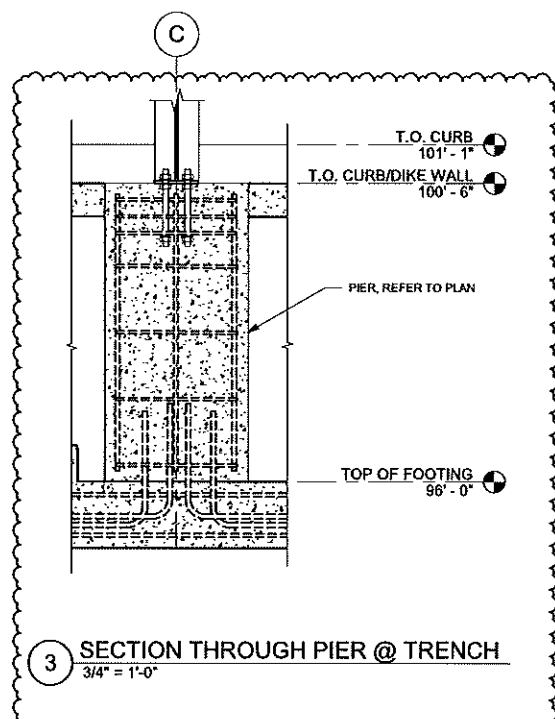
SHEET
S2-11



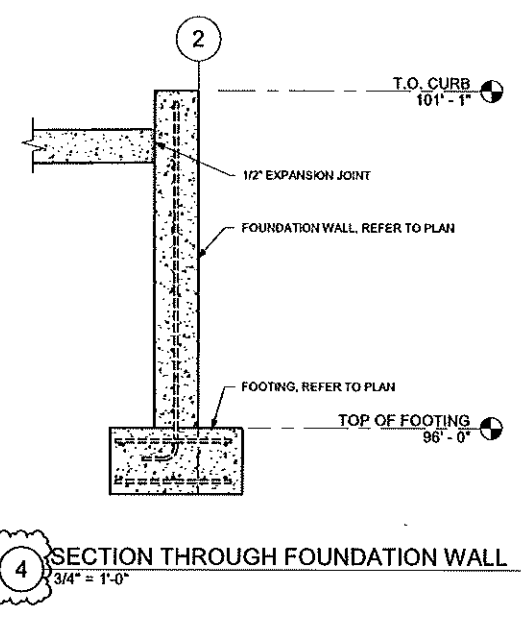
1 SECTION AT NEW CONTAINMENT WALL
3/4" = 1'-0"



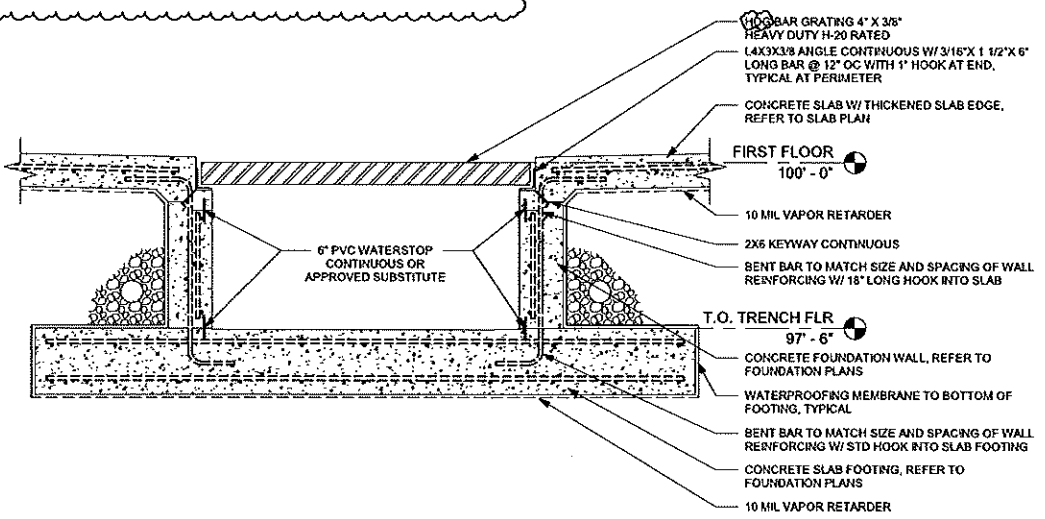
2 SECTION THROUGH PIER
3/4" = 1'-0"



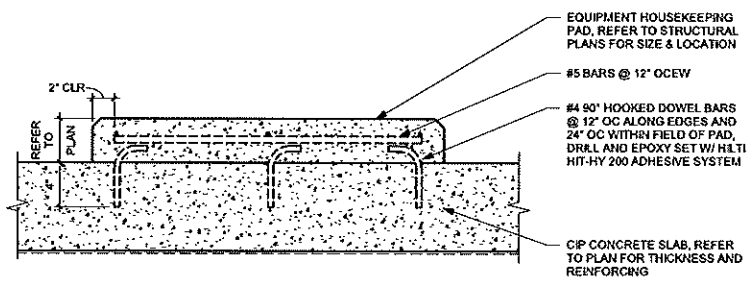
3 SECTION THROUGH PIER @ TRENCH
3/4" = 1'-0"



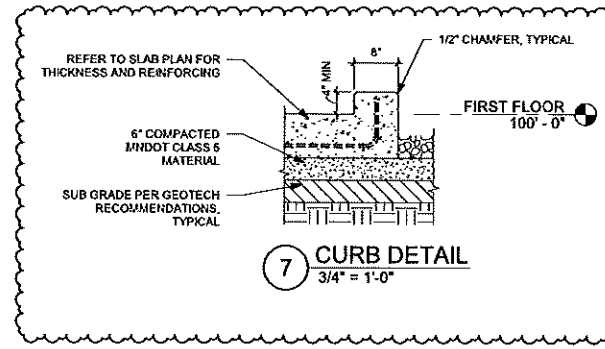
4 SECTION THROUGH FOUNDATION WALL
3/4" = 1'-0"



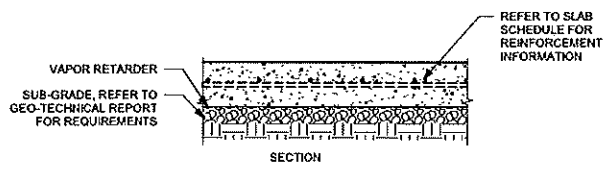
5 TRENCH DRAIN DETAIL
3/4" = 1'-0"



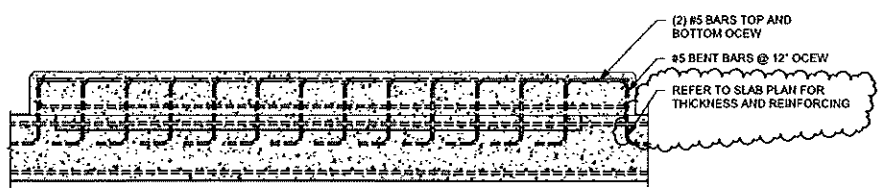
6 TYPICAL HOUSEKEEPING PAD DETAIL
1 1/2" = 1'-0"



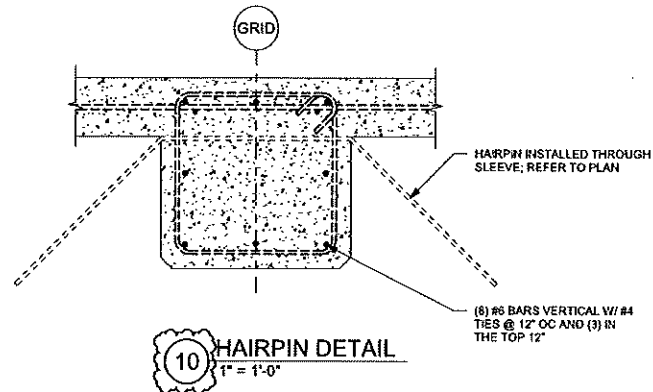
7 CURB DETAIL
3/4" = 1'-0"



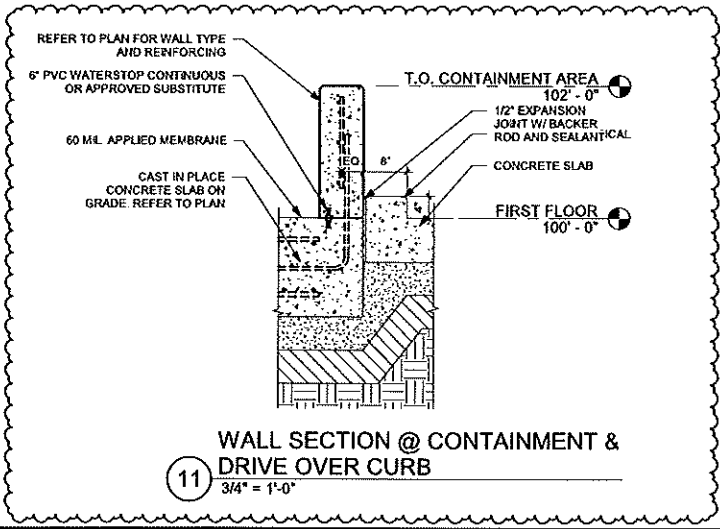
8 SLAB ON GRADE ASSEMBLY
3/4" = 1'-0"



9 TANK HOUSEKEEPING PAD DETAIL
1/2" = 1'-0"



10 HAIRPIN DETAIL
1" = 1'-0"



11 WALL SECTION @ CONTAINMENT & DRIVE OVER CURB
3/4" = 1'-0"

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PROJECT

**CONSERV FS
KANSASVILLE**

KANSASVILLE WISCONSIN

| REVISION SCHEDULE | | |
|-------------------|-------------------------------|-----|
| DATE | DESCRIPTION | BY |
| 10/19/23 | SUPPLEMENTAL INSTRUCTIONS #01 | KJM |
| 05/03/24 | SUPPLEMENTAL INSTRUCTION #04 | DRP |
| | | |
| | | |
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| | |
|---------------------|--------------------|
| PROJECT NO. | 23-28114 |
| FILE NAME | 28114 Arch R24.rvt |
| DRAWN BY | KJM |
| DESIGNED BY | OA |
| REVIEWED BY | DCM |
| ORIGINAL ISSUE DATE | 09/22/23 |
| CLIENT PROJECT NO. | |

**FOUNDATION &
SLAB DETAILS**

SHEET
S2-12

