COLUMBIA PARK AND BALLFIELD

Columbia, South Dakota

CONSTRUCTION DOCUMENTS

April 22, 2022



SHEET INDEX

SHEET INDEX								
CIVIL			STRUCTURAL					
C100	TOPOGRAPHICAL SURVEY	S0-0	STRUCTURAL NOTES & SCHEDULES					
C101	SITE DEMOLITION PLAN	S1-1	CONCESSION BLDG, STRUCTURAL PLANS					
C102	PARK LAYOUT	S1-2	RESTROOM BLDG, STRUCTURAL PLANS					
C103	PARK LAYOUT	S2-1	STRUCTURAL DETAILS					
C104	PARK LAYOUT	S2-2	STRUCTURAL DETAILS					
C105	BASEBALL FIELD LAYOUT PLAN	MECH	ANICAL					
C106	BASEBALL FIELD LAYOUT PLAN	M100	MOTOR SCHEDULE, LEGEND & SHEET					
C107	BASEBALL FIELD STORM SEWER PLAN		INDEX					
C108	SANITARY SEWER LAYOUT	M200	MECHANICAL SITE PLAN					
C109	BASEBALL FIELD FENCING PLAN	M300	BELOW GRADE PLUMBING PLAN					
C110	FENCING DETAILS	M400	ABOVE GRADE PLUMBING PLAN					
C111	CONSTRUCTION DETAILS	M500	VENTILATION PLAN					

STORM WATER POLLUTION PREVENTION PLAN C114 STORM WATER POLLUTION PREVENTION PLAN

SITE / LANDSCAPE

C112 CONSTRUCTION DETAILS

SP201 OVERALL SITE FEATURES PLAN SP202 ENLARGED SITE FEATURES PLAN SP203 ENLARGED SITE FEATURES PLAN SP204 ENLARGED SITE FEATURES PLAN

SP501 SITE DETAILS SP502 SITE DETAILS SP503 SITE DETAILS SP504 SITE DETAILS SP505 SITE DETAILS

SP506 SITE DETAILS L101 SEEDING PLAN

OVERALL IRRIGATION PLAN L202 ENLARGED IRRIGATION PLAN L203 ENLARGED IRRIGATION PLAN

L204 ENLARGED IRRIGATION PLAN

L205 IRRIGATION SCHEDULE AND DETAILS **ARCHITECTURAL**

A0-0 PARK AND BALLFIELD - CODE STANDARDS A1-0 PARK - GENERAL NOTES, CODE &

ORIENTATION PLAN A1-1 PARK - FIRST FLOOR PLAN, ROOF PLAN

A1-2 PARK - EXTERIOR ELEVATIONS

A1-3 PARK - INTERIOR ELEVATIONS

A2-0 BALLPARK - GENERAL NOTES. CODE & ORIENTATION PLAN

A2-1 BALLFIELD - FLOOR PLAN, ROOF PLAN

A2-2 BALLFIELD - EXTERIOR ELEVATIONS A2-3 BALLFIELD - INTERIOR ELEVATIONS,

CEILING PLAN

A2-4 BALLFIELD - BUILDING SECTION, DOOR SCHEDULE, ROOM FINISH SCHEDULE & **DETAILS**

M600 PLUMBING FIXTURE SCHEDULE

MECHANICAL DETAILS & SCHEDULES

E000 ELECTRICAL TITLE SHEET

E100 ELECTRICAL SITE PLAN

CONCESSION/RESTROOM POWER & SPECIAL SYSTEMS PLANS

CONCESSION/RESTROOM LIGHTING PLANS

BALLFIELD & PARKING AREA POWER PLAN BALLFIELD & PARKING AREA LIGHTING PLAN

POWER ONELINE & ELECTRICAL SCHEDULES

1-800-781-7474

DRAWING INDICATES GENERAL UTILITY LOCATIONS ONLY. NEITHER THE CORRECTNESS OR COMPLETENESS OF LOCATIONS ARE GUARANTEED.

PRIOR TO EXCAVATION CONTACT SOUTH DAKOTA ONE CALL

ELECTRICAL ENGINEER

SITE FURNISHINGS, SEEDING, AND IRRIGATION.

pe group

SCOPE OF WORK

225 NORTH MAIN PARKER, SD 57053 PHONE: 605.297.3647 CONTACT: MARK JOFFER, PE MECHANICAL ENGINEER SICHMELLER

ENGINEERING Mechanical and Electrical Engineering

THE PROJECT SCOPE INVOLVES EROSION CONTROL, SITE CLEARING, EARTH MOVING, SITE

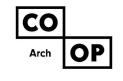
UTILITIES, SITE ELECTRICAL AND LIGHTING, CONCRETE CURB AND GUTTER, CONCRETE PAVING, ASPHALT SURFACING, BUILDINGS AND STRUCTURES, MASONRY PIERS AND SIGN WALL, BALLFIELD AND COURT FENCING AND SURFACING, PLAY EQUIPMENT AND SURFACING,

> 801 RAILROAD AVENUE SE ABERDEEN, SD 57401 PHONE: 605.225.4344 CONTACT: TRAVIS SICHMELLER, PE

STRUCTURAL ENGINEER



6909 LYNCREST PLACE, SUITE 110 SIOUX FALLS, SD 57108 PHONE: 605.743.2510 CONTACT: JUSTIN CHRISTENSEN, PE **ARCHITECT**



1108 SOUTH MAIN STREET, SUITE 102 ABERDEEN, SD 57401 PHONE: 605.725.4852 CONTACT: TOM HURLBERT, AIA

CIVIL ENGINEER



416 PRODUCTION STREET N, PO BOX 111 ABERDEEN, SD 57401 PHONE: 605.225.1212 CONTACT: LUCAS HOOVER, PE

LANDSCAPE ARCHITECT

CONFLUENCE

440 EAST 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PHONE: 605.339.1205 CONTACT: LYLE PUDWILL, ASLA

CONFLUENCE

LANDSCAPE ARCHITECT CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215

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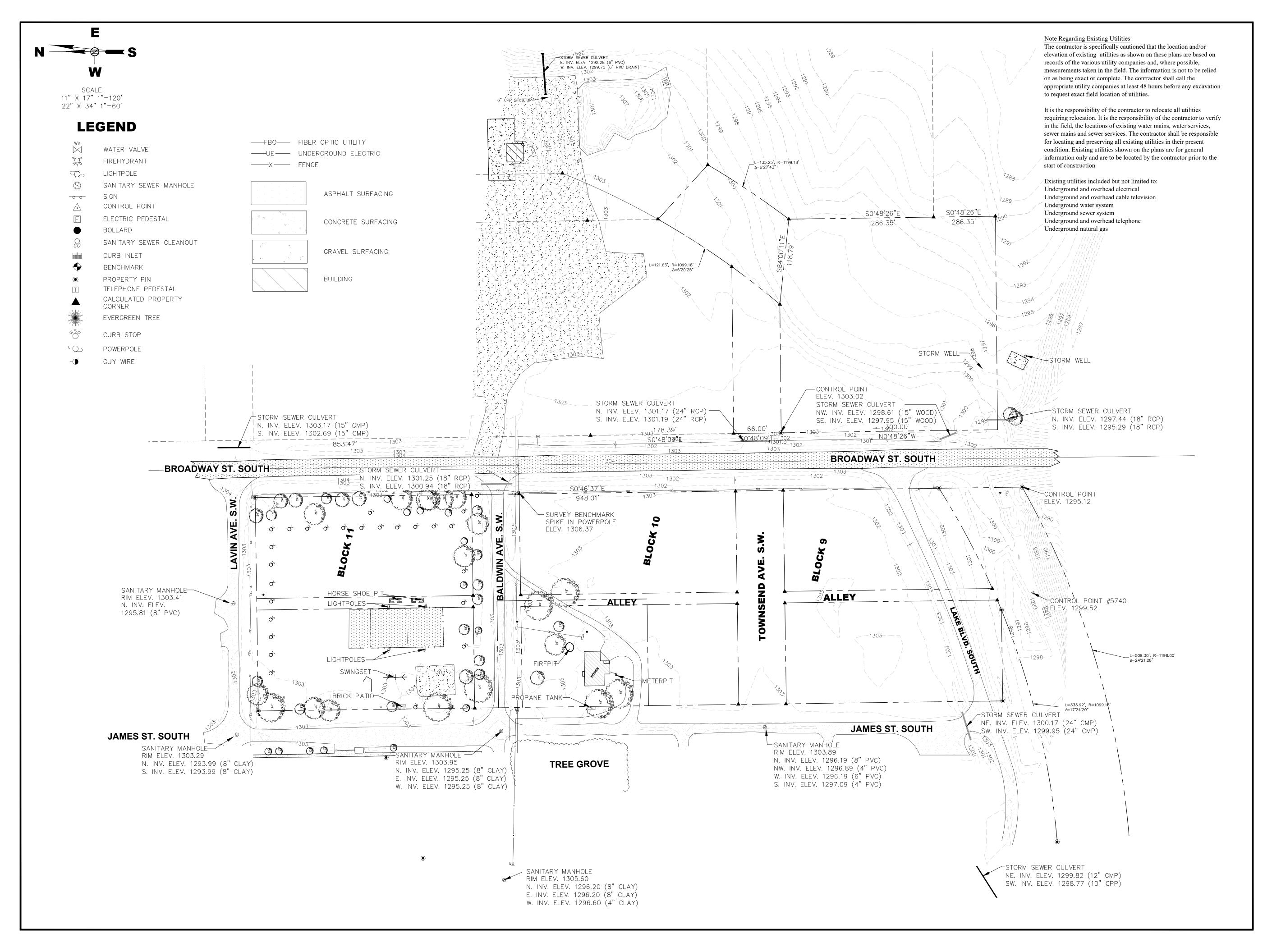


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Cover Sheet

CONFLUENCE PROJECT # 21382

G001



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TOPOGRAPHICAL SURVEY

CONFLUENCE PROJECT # 21382

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COLUMBIA PARK AND BALLFIELD

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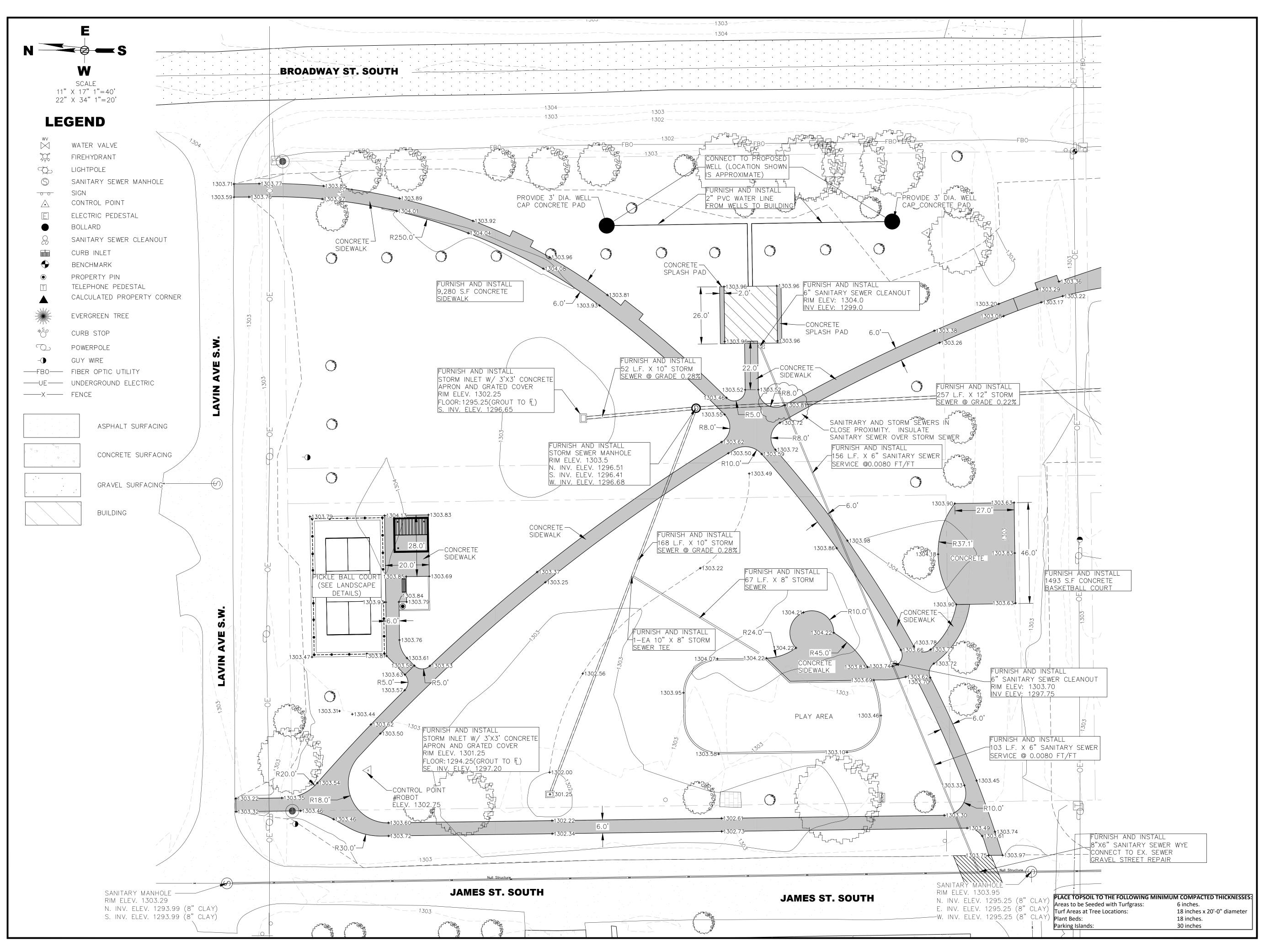
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SITE DEMOLITION PLAN

CONFLUENCE PROJECT # 21382



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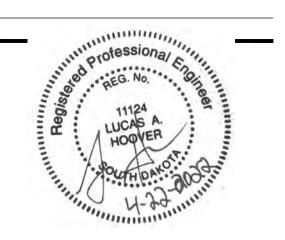
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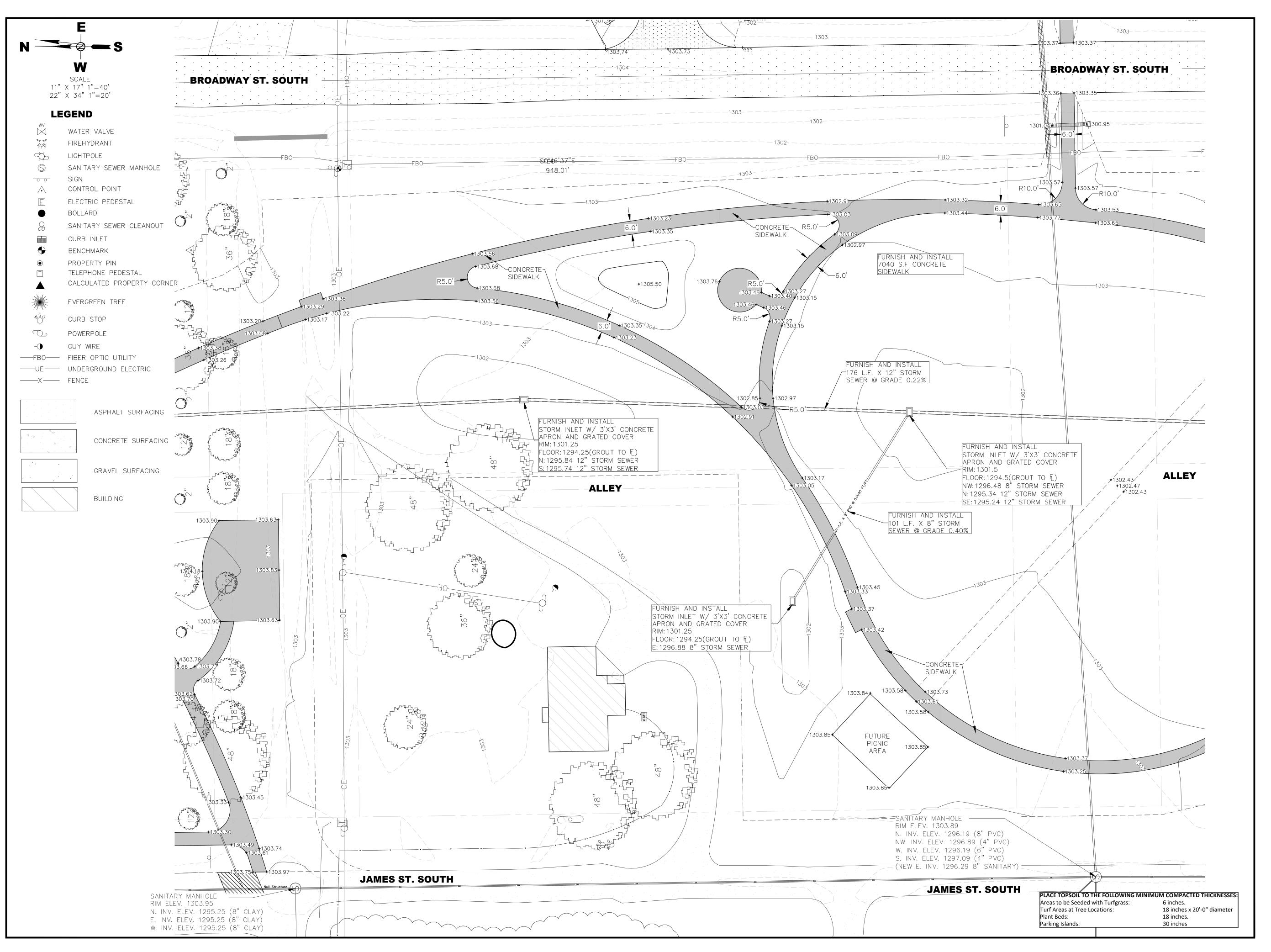
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PARK LAYOUT

CONFLUENCE PROJECT # 21382



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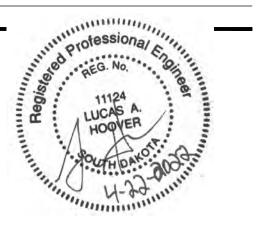
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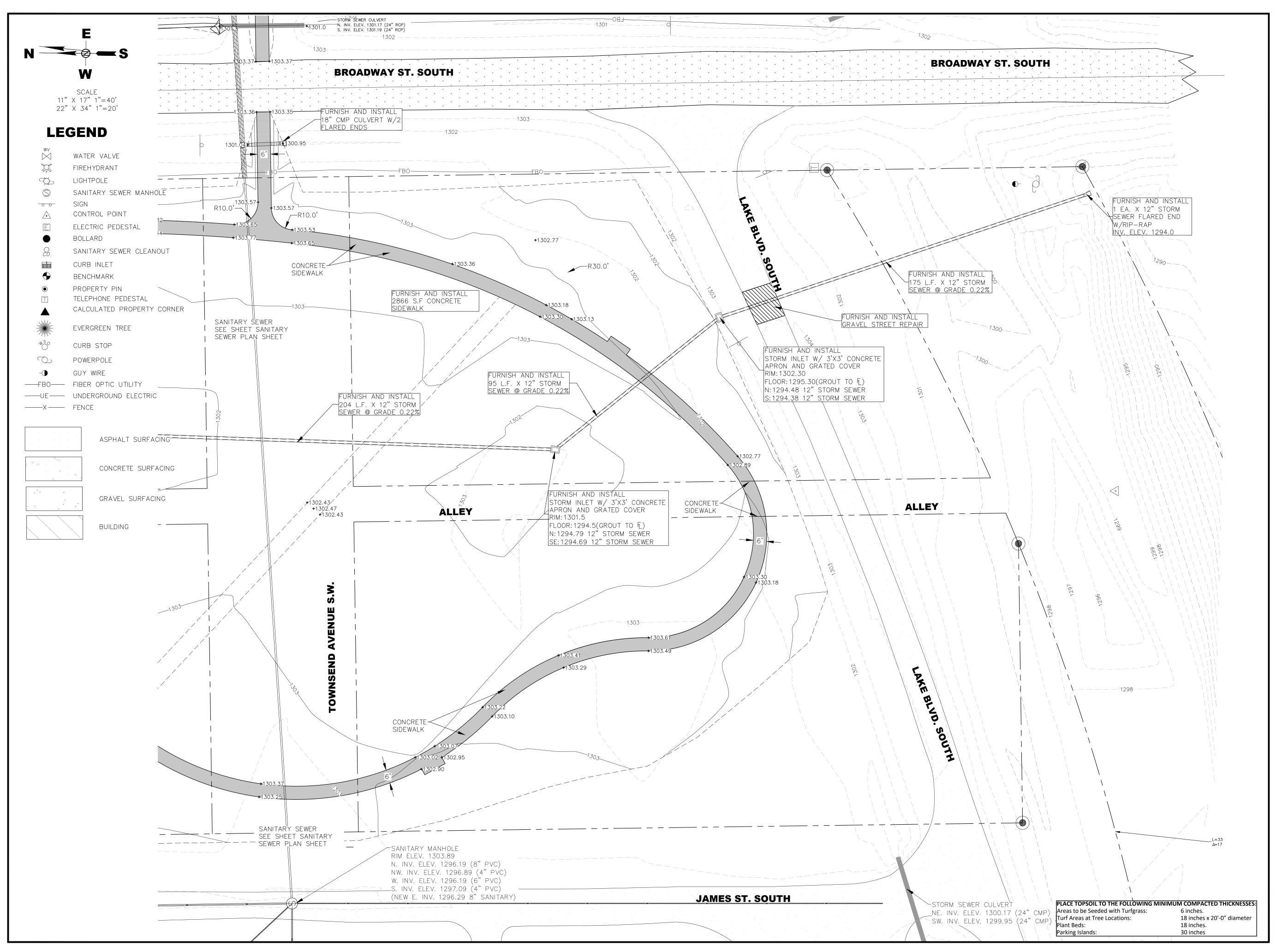
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PARK LAYOUT

CONFLUENCE PROJECT # 21382



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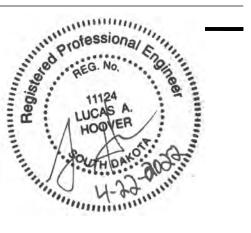
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PARK LAYOUT

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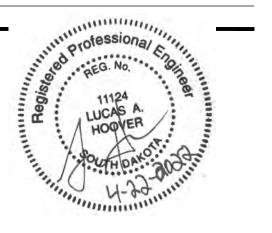
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BASEBALL FIELD LAYOUT PLAN

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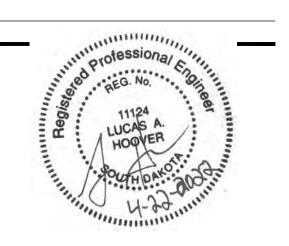
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CIVIL ENGINEERS & LAND SURVEYORS

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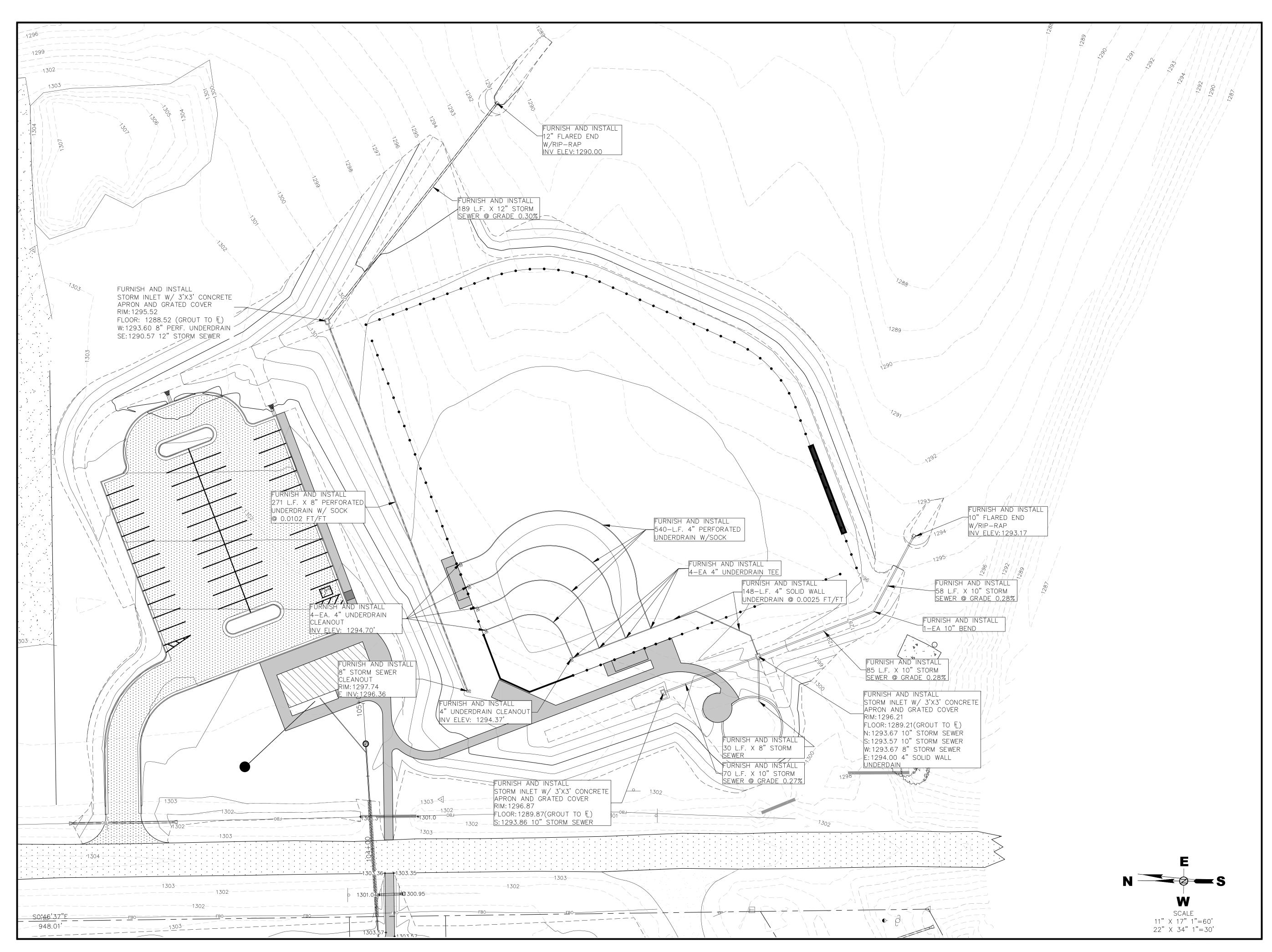
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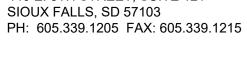
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BASEBALL FIELD LAYOUT PLAN

CONFLUENCE PROJECT # 21382



LANDSCAPE ARCHITECT CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103



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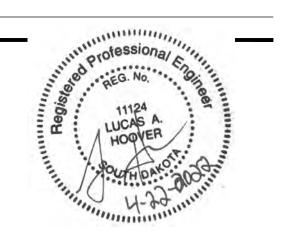
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COLUMBIA PARK AND BALLFIELD

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BASEBALL FIELD STORM SEWER PLAN

CONFLUENCE PROJECT # 21382

LANDSCAPE ARCHITECT CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103





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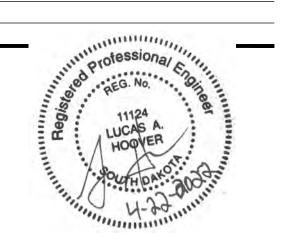
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SANITARY SEWER LAYOUT

CONFLUENCE PROJECT # 21382

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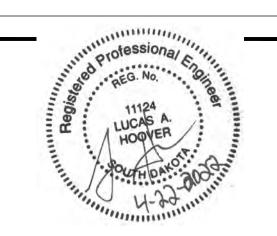


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COLUMBIA PARK AND BALLFIELD

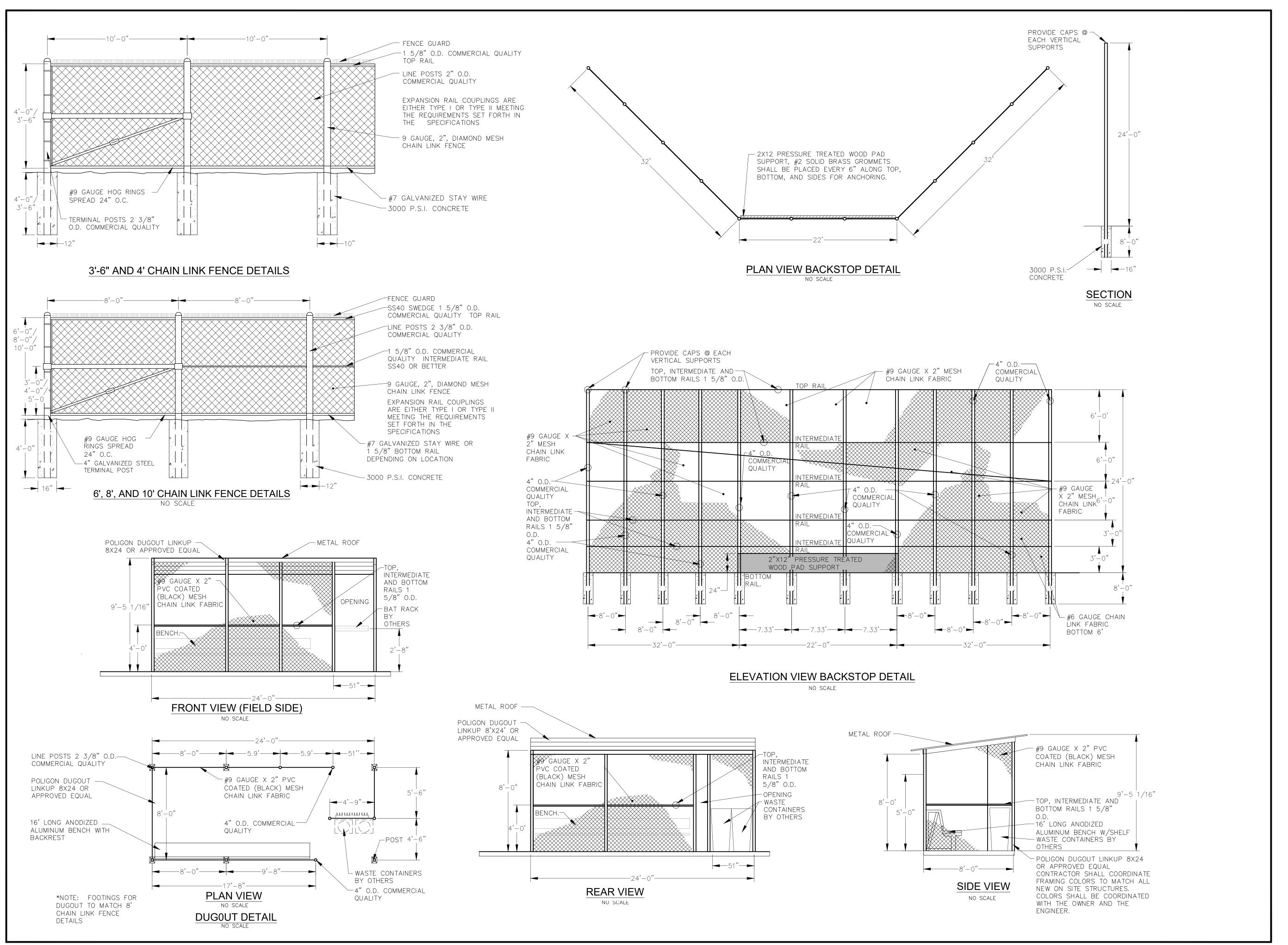
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BASEBALL FIELD FENCING PLAN

CONFLUENCE PROJECT # 21382



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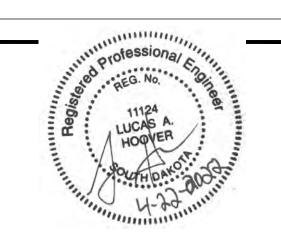
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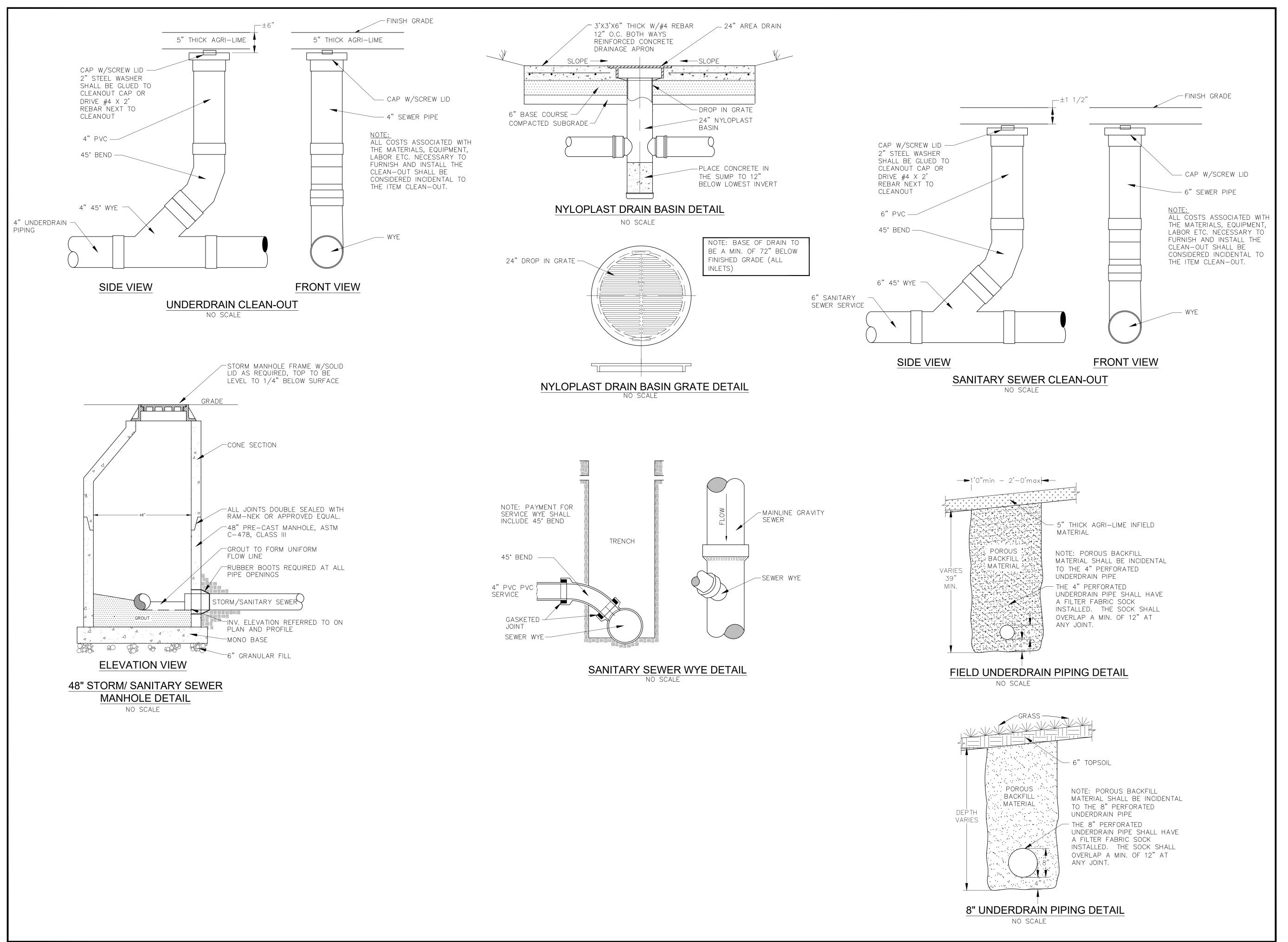
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FENCING DETAILS

CONFLUENCE PROJECT # 21382



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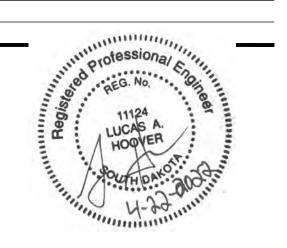
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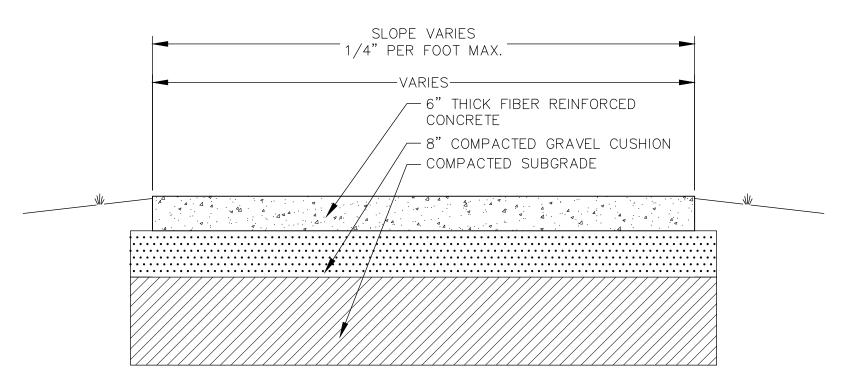
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CONSTRUCTION DETAILS

CONFLUENCE PROJECT # 21382



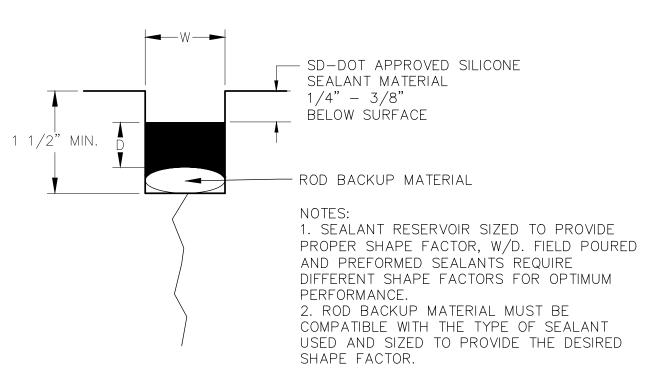
NOTE: CONCRETE PANELS NOT TYPICAL OF 10X10 OR DO NOT MEET THE WIDTH TO LENGTH RATIO OF 1.5 TO 1 SHALL BE REINFORCED WITH #4 REBAR 18" O.C.

CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS, AND EXPANSION JOINTS IN SIDEWALKS. JOINT MAXIMUM DISTANCE 10'-0" O.C.. SAW CUT CONTROL JOINTS MIN OF 1/4 CONCRETE THICKNESS. MAXIMUM JOINT WIDTH TO LENGTH RATIO SHALL NOT EXCEED 1.5 TO 1.

EXPANSION JOINT MAXIMUM DISTANCE 20' O.C. CAULK ALL CONTROL, CONSTRUCTION AND EXPANSION JOINTS.

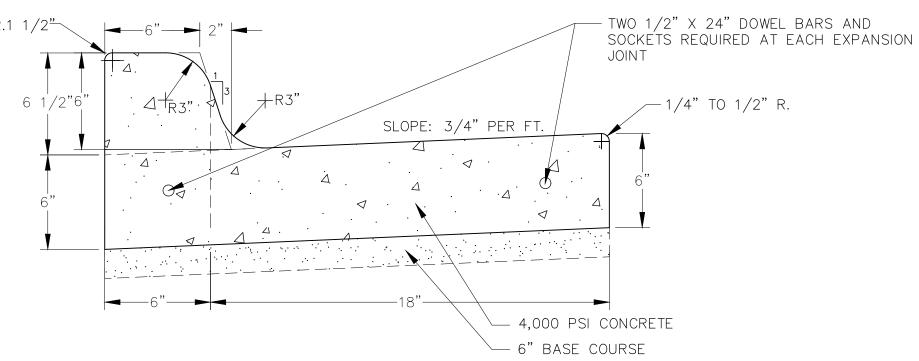
6" FIBER REINFORCED CONCRETE DETAIL

NO SCALE



CONCRETE JOINT DETAIL

NO SCALE



1/2" PREFORMED EXPANSION JOINT FILLERS SHALL BE PLACED TRANSVERSALLY IN THE CURB AND GUTTER AS FOLLOWS.

1. AT EACH JUNCTION OF RADIUS RETURN CURB AND GUTTER WHICH IS PARALLEL TO THE PROJECT CENTER LINE.

2. AT EACH JUNCTION WITH EXISTING CONCRETE CURB OR CONCRETE CURB AND GUTTER.

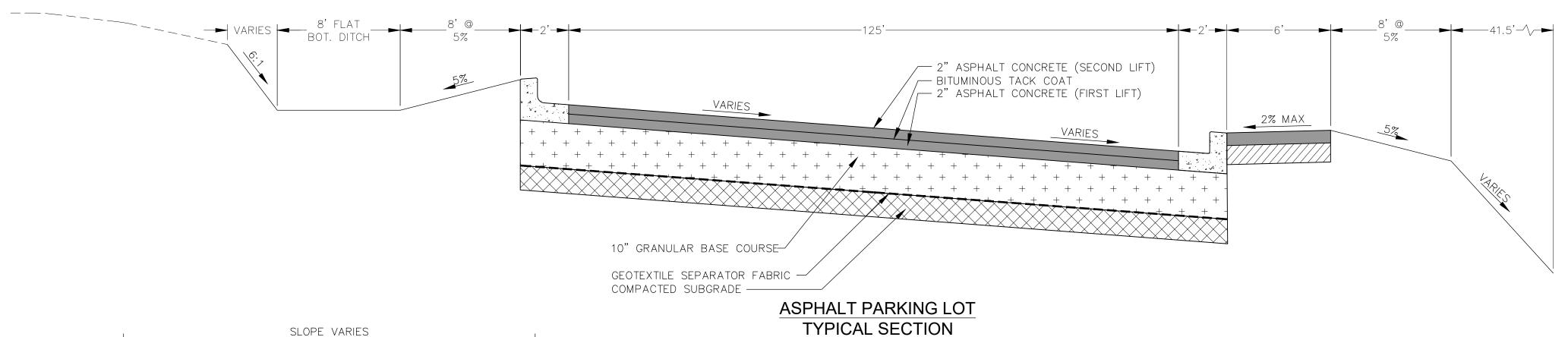
3. AT EACH JUNCTION WITH EXISTING CONCRETE SIDEWALK, TO THE DEPTH OF THE SIDEWALK.

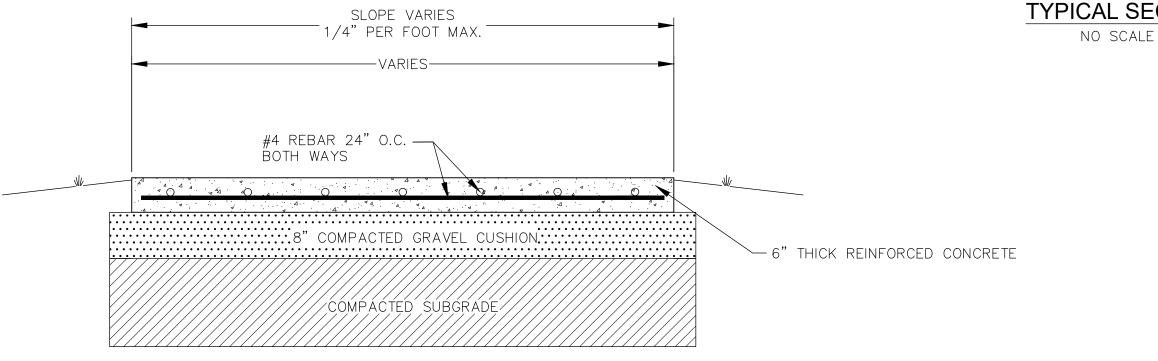
1/2" PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED LONGITUDINALLY ALONG THE BACKFACE OF THE CURB. TO THE DEPTH OF THE CONCRETE SIDEWALK, WHERE SUCH BACKFACE OF CURB IS ADJACENT TO AN EXISTING CONCRETE SIDEWALK.

WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 10' INTERVALS EXCEPT WHEN CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO PCC PAVEMENT. THEN THE JOINTS SHALL COINCIDE WITH THE PCC PAVEMENT'S TRANSVERSE JOINTS. THE JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF ONE INCH BY SCORING WITH A TOOL WHICH WILL LEAVE THE CORNERS ROUNDED AND INSURE THE FREE MOVEMENT OF CONCRETE AT THE JOINT.

24" X 6" CONCRETE CURB AND GUTTER DETAIL

NO SCALE





CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS, AND EXPANSION JOINTS IN SIDEWALKS. JOINT MAXIMUM DISTANCE 10'-0" O.C.. SAW CUT CONTROL JOINTS MIN OF 1/4 CONCRETE THICKNESS. MAXIMUM JOINT WIDTH TO LENGTH RATIO SHALL NOT EXCEED 1.5 TO 1.

EXPANSION JOINT MAXIMUM DISTANCE 20' O.C. CAULK ALL CONTROL, CONSTRUCTION AND

6" REINFORCED CONCRETE DETAIL (PICKLEBALL & BASKETBALL COURTS)

EXPANSION JOINTS.

NO SCALE

CONFLUENCE

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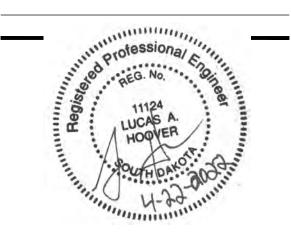
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COLUMBIA PARK AND BALLFIELD

REVISION SCHEDULE

ISSUE DATE DESCRIPTION

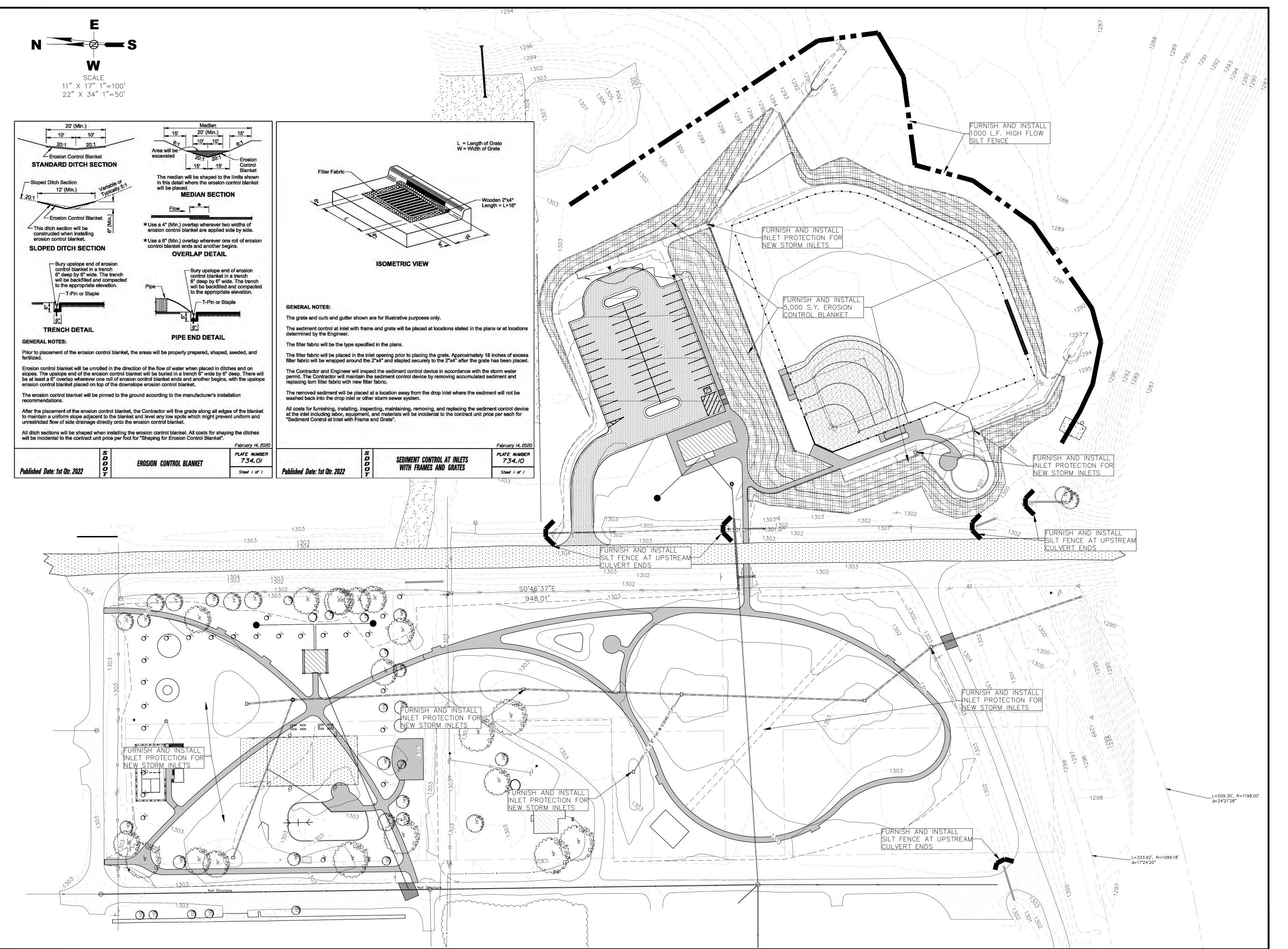
CONTRACT DOCUMENTS



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CONSTRUCTION DETAILS

CONFLUENCE PROJECT # 21382



LANDSCAPE ARCHITECT
CONFLUENCE
440 E. 8TH STREET, SUITE 121

SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215



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P.O. Box 111,
Aberdeen, S.D. 57402
Phone: 605.225.1212,
Fax: 605.225.3189
Email:
bobb@helmsengineering.com

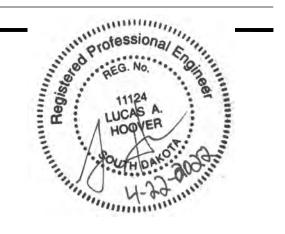
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STORM WATER
POLLUTION
PREVENTION PLAN

CONFLUENCE PROJECT # 21382

STORMWATER POLLUTION PREVENTION PLAN CHECKLIST (The numbers left of the title headings are **reference numbers** to the <u>GENERAL PERMIT</u> FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES (Stormwater Permit)) 5.3 (2): STAFF TRAINING/SWPPP IMPLEMENTATION To promote stormwater management awareness specific for this project, the Contractor's Erosion Control Supervisor should provide correspondence of how the SWPPP will be implemented. The Contractor's Erosion Control Supervisor is responsible for providing this information at the preconstruction meeting, and subsequently completing an attendance log, which should identify site-specific implementation of the SWPPP and the names of the personnel who attended the preconstruction meeting. Documentation of the preconstruction meeting will be filed with the SWPPP documents. **5.3 (3): DESCRIPTION OF CONSTRUCTION ACTIVITIES** > 5.3 (3a): Project Limits (See Title Sheet) > 5.3 (3a): Project Description (See Title Sheet) > 5.3 (4): Site Map(s) (See Title Sheet and Plans) > Major Soil Disturbing Activities (check all that apply) Clearing and grubbing Excavation/ Borrow Filling Other (describe) Total Project Area: 17.8 AC > 5.3 (3b): **Total Area to be Disturbed: 17.1 AC** > 5.3 (3b) Maximum Area to be Disturbed at One Time: 16 AC > 5.3 (3c) Existing Vegetative Cover 60% > 5.3 (3d): Description of Vegetative Cover: Seeded and maintained grass > 5.3 (3d): Soil Properties: AASHTO Soil or USDA-NRCS Soil Series > 5.3 (3e): Classification Name of Receiving Water Body/Bodies: Moccasin Creek > 5.3 (3f): Location of Construction Support Activity Areas: N/A > 5.3 (3g): 5.3 (3h): ORDER OF CONSTRUCTION ACTIVITIES > Special sequencing requirements (see sheet) The Contractor will enter the Estimated Start Date. • Install stabilized construction entrance(s). • Install perimeter protection where runoff may exit site. • Install perimeter protection around stockpiles. • Install channel and ditch bottom protection Clearing and grubbing • Remove soil and topsoil · Stabilize disturbed areas • Install utilities, storm sewers, curb and gutter. installations. Final grading. Final Paving. Removal of Protection devices. • Reseed areas disturbed by removal activities. each control. (check all that apply) Silt Fence Erosion Control Wattles Temporary Berm / Windrow Stabilized Construction Entrances Entrance/Exit Equipment Tire Wash Other: Silt Fence Temporary Berm / Windrow **Erosion Control Wattles** Temporary Sediment Barriers Erosion Bales Temporary Slope Drain Turf Reinforcement Ma Gabions Rock Check Sediment Traps/Basins Culvert Inlet Protection Transition Mats Median/ Area Drain Inlet Protection Curb Inlet Protection Interceptor Ditch Concrete Washout Facility Work Platform Temporary Water Barrier Temporary Water Crossing Permanent Stormwater Ponds Permanent Open Vegetated Swales Tarps & Wind Impervious Fabrics Watering Stockpile location/ orientation Dust Control Chlorides Other: Sediment Basin Dewatering bag Weir Tanks Temporary Diversion Channe Other: **Stabilization Practices (See Detail Plan Sheets)** stabilization shall be completed as soon as practicable but no later than 14 days after initiating soil stabilization activities (3.18)) Vegetation Buffer Strips Temporary Seeding (Cover Crop Seeding)

Permanent Seeding

Soil Stabilizer

Other:

Bonded Fiber Matrix

Fiber Reinforced Matrix

Erosion Control Blankets

Mulching (Grass Hay or Straw)

Fiber Mulching (Wood Fiber Mulch)

Surface Roughening (e.g. tracking)

Planting (Woody Vegetation for Soil Stabilization)

• Install inlet and culvert protection after completing storm drainage and other utility 5.3 (5): DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report. Include the technical reasoning for selecting **Perimeter Controls (See Detail Plan Sheets)** Natural Buffers (within 50 ft of Waters of State) **Structural Erosion and Sediment Controls** Natural Depressions to allow for Infiltration Sequential Systems that combine several practices **Dust Controls** (Stabilization measures shall begin the following work day whenever earth disturbing activity on any portion of the site has temporarily or permanently ceased. Temporary

Will construction and/or erosion and sediment controls impinge on regulated wetland? Yes No If yes, the structural and erosion and sediment controls have been included in the total project wetland impacts and have been included in the 404 permit process with the USACE.

5.3 (6): PROCEDURES FOR INSPRECTIONS

• Inspections will be conducted at least once every 7 days. • All controls will be maintained in good working order. Necessary repairs will be

initiated within 24 hours of the site inspection report • Silt fence will be inspected for depth of sediment and for tears to ensure the fabric is securely attached to the posts and that the posts are well anchored. Sediment buildup will be removed from the silt fence when it reaches 1/3 of the height of the

• Sediment basins and traps will be checked. Sediment will removed when depth reaches approximately 50 percent of the structure's capacity, at the conclusion of the construction.

• Check dams will be inspected for stability. Sediment will be removed when depth reaches ½ the height of the dam.

• All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.

• Inspection and maintenance reports will be included on the weekly progress report for each site inspection, this report will also be used to document changes to SWPPP. A copy of the completed inspection form will be filed with the SWPP

• The Resident Project Engineer and the Contractor's Erosion Control Supervisor are responsible for inspections. Maintenance and repair activities are the responsibility of the Contractor. The Resident Project Engineer will complete the inspection and

5.3 (7): POST CONSTRUCTION STORMWATER MANAGEMENT Stormwater management will be handled by temporary controls outlined in

"DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES" above, and any permanent controls needed to meet permanent stormwater management needs in the post construction period will be shown in the plans and noted as permanent.

5.3 (8): POLLUTION PREVENTION PRECENDURES

5.3 (8A): Spill Prevention and Response Procedures

> Material Management House Keeping

• Only needed products will be stored on-site by the Contractor.

• Except for bulk materials the contractor will store all materials under cover

and/or in appropriate containers. • Products must be stored in original containers and labeled.

• Material mixing will be conducted in accordance with the manufacturer's

• When possible, all products will be completely used before properly disposing of the container off-site.

• The manufacturer's directions for disposal of materials and containers will

• The Contractor's site superintendent will inspect materials storage areas regularly to ensure proper use and disposal. • Dust generated will be controlled in an environmentally safe manner.

Hazardous Materials

• Products will be kept in original containers unless the container is not

resealable and provide secondary containment as applicable. • Original labels and material safety data sheets will be retained in a safe place to relay important product information • In surplus product must be disposed of, manufacturer's label directions for

disposal will be followed. • Maintenance and repair of all equipment and vehicles involving oil changes, hydraulic system drain down, de-greasing operations, fuel tank drain down and removal, and other activities which may result in the accidental release of contaminants will be conducted on an impervious surface and under cover during wet weather to prevent the release of contaminants onto the ground.

• Wheel wash water will be collected and allowed to settle out suspended solids prior to discharge. Wheel wash water will not be discharged directly into any stormwater system or stormwater treatment system.

• Potential pH-modifying materials such as: bulk cement, cement kiln dust, fly ash, new concrete washings, concrete pumping, residuals from concrete saw cutting (either wet or dry), and mixer washout waters will be collected on site and managed to prevent contamination of stormwater runoff.

> Spill Control Practices

In addition to the previous housekeeping and management practices, the following practices will be followed for spill prevention and cleanup if needed. • For all hazardous materials stored on site, the manufacturer's recommended

methods for spill cleanup will be clearly posted. Site personnel will be made aware of the procedures and the locations of the information and cleanup • Appropriate cleanup materials and equipment will be maintained by the

Contractor in the materials storage area on-site. As appropriate, equipment and materials may include items such as brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for cleanup purposes.

 All spills will be cleaned immediately after discovery and the materials disposed • The spill area will be kept well ventilated and personnel will wear appropriate

protective clothing to prevent injury from contact with a hazardous substance. • After a spill a report will be prepared describing the spill, what caused it, and the

cleanup measured taken. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurrences. • The Contractor's site superintendant, responsible for day-to-day operations, will be the spill prevention and cleanup coordinator.

> Spill Response

The primary objective in responding to a spill is to quickly contain the material(s) and prevent or minimize migration into stormwater runoff and conveyance systems. If the release has impacted on-site stormwater, it is critical to contain the released materials on-site and prevent their release into receiving waters. If a spill of pollutants threatens stormwater or surface water at the site, the spill response procedures outlined below must be implemented in a timely manner to prevent the release of

• The Contractor's site superintendent will be notified immediately when a spill or threat of a spill is observed. The superintendent will assess the situation and determine the appropriate response

 If spills represent an imminent threat of escaping erosion and sediment controls and entering receiving waters, personnel will be directed to respond immediately to contain the release and notify the superintendent after the situation has been Spill kits containing appropriate materials and equipment for spill response and

cleanup will be maintained by the Contractor at the site If oil sheen is observed on surface water (e.g. settling ponds, detention ponds, swales), action will be taken immediately to remove the material causing the sheen. The Contractor will use appropriate materials to contain and absorb the

spill. The source of the oil sheen will also be identified and removed or repaired as necessary to prevent further releases. • If a spill occurs the superintendent or the superintendent's designee will be responsible for completing the spill reporting form and for reporting the spill

to SDDENR • Personnel with primary responsibility for spill response and cleanup will receive training by the Contractor's site superintendent or designee. The training must

include identifying the location of the • Spill kits and other spill response equipment and the use of spill response

• Spill response equipment will be inspected and maintained as necessary to

replace any materials used in spill response activities

5.3 (8b): WASTE MANGAGEMENT PROCEDURES

 All liquid waste materials will be collected and stored in approved sealed containers. All trash and construction debris from the site will be deposited in the approved containers. Containers will be serviced as necessary, and the trash will be hauled to an approved disposal site or licensed landfill. All onsite personnel will be instructed in the proper procedures for waste disposal and notices stating proper practices will be posted. The Contractor is responsible for ensuring waste disposal procedures are followed.

or state regulations or by the manufacturer. Site personnel will be instructed in these practices, and the Contractor will be responsible for seeing that these

Hazardous Waste

> Sanitary Waste • Portable sanitary facilities will be provided on all construction sites. Sanitary waste will be collected from the portable units which must be secured to prevent tipping and serviced in a timely manner by a licensed waste management Contractor or as required by any local regulations.

• All hazardous waste materials will be disposed of in a manner specified by local

5.3 (9): CONSTRUCTION SITE POLLUTANTS

The following materials or substances are expected to present on the site during the construction period. These materials will be handled as noted under the heading "POLLUTION PREVENTION PROCEDURES" (check all that apply)

> X Concrete and Portland Cement Detergents > <u>X</u> Paints Metals Bituminous Materials Petroleum Based Products Diesel Exhaust Fluid Cleaning Solvents Wood Cure Texture

Chemical Fertilizers

Other: **Product Specific Practices**

> Petroleum Products All on-site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored

in tightly sealed containers which are clearly labeled.

Fertilizers

Fertilizers will be applied only in the amounts specified by the Engineer. Once applied, fertilizers will be worked into the soil to limit the exposure to stormwater. Fertilizers will be stored in an enclosed area. The contents of partially used fertilizer bags will be transferred to sealable containers to avoid

All containers will be tightly sealed and stored when not required for use. The excess will be disposed of according to the manufacturer's instructions and any applicable state and local regulations.

Concrete Trucks

Contractors will provide designated truck washout facilities on the site. These areas must be self contained and not connected to any stormwater outlet of the site. Upon completion of construction, the area at the washout facility will be properly stabilized.

5.3 (10): NON-STORMWATER DISCHARGES

The following non-stormwater discharges are anticipated during the course of this project (check all that apply).

> X Discharge from water line flushing **X** Pavement wash-water, where no spills or leaks of toxic or hazardous

Uncontaminated ground water associated with dewatering activities.

5.3 (11): INFEASIBILITY DOCUMENTATION If it is determined to be infeasible to comply with any of the requirements of the Stormwater Permit, the infeasibility determination must be thoroughly documented in the

7.0: SPILL NOTIFICATION

In the event of a spill, the Contractor's site superintendent will make the appropriate notification(s), consistent with the following procedures:

A release or spill of regulated substance (includes petroleum and petroleum products) must be reported to SDDENR immediately if any one of the following conditions

• The release or spill threatens or is able to threaten waters of the state (surface water or ground water) • The release or spill causes an immediate danger to human health or safety

• The release or spill exceeds 25 gallons • The release or spill causes a sheen on surface water

• The release or spill of any substance that exceeds the ground water quality standards of ARSD Chapter 74:54:01 • The release or spill of any substance that exceeds the surface water quality

standards of ARSD Chapter 74:54:01 • The release or spill of any substance that harms or threatens to harm wildlife or • The release or spill is required to be reported according to Superfund

Amendments and Reauthorization Act (SARA) Title III List of Lists, Consolidated List of Chemicals Subject to Reporting under the Emergency Planning and Community Right to Know Act, US Environmental Protection

> To report a release or spill, call SDDENR at 605-773-3296 during regular office hours (8 a.m. to 5 p.m. Central Standard Time). To report the release after hours, on weekends or holidays, call South Dakota Emergency Management at 605-773-3231. Reporting the release to SDDENR does not meet any obligation for reporting to other state, local, or federal agencies. Therefore, you must also contact local authorities to determine the local reporting requirements for release. A written report of the unauthorized release of any regulated substance, including quantity discharged, and the location of the discharge shall be sent to the SDDENR within 14 days of the

5.5: REQUIRED SWPPP MODIFICATIONS

> 5.5 (1): Conditions Requiring SWPP Modification The SWPPP must be modified, including the site map(s), in response to any of the

following conditions:

• When a new operator responsible for implementation of any part of the SWPPP begins to work on the site. • When Changes to construction plans, sediment and erosion control measures, or any best management practices on site that are no longer accurately reflected in

the SWPPP. This included changes made in response to corrective actions triggered by inspections. • To reflect areas on the site map where operations control has been transferred

(including the date of the transfer) or has been covered under a new permit since initiating coverage under this general permit.

• If inspections by site staff, local officials, SDDENR, or U.S. EPA determine that SWPPP modifications are necessary for compliance with Stormwater Permit. • To reflect any revisions to applicable federal, state, or local requirements that

affect the control measures implemented at the site. • If approved by the Secretary, to reflect any changes in chemical water treatment systems or controls, including the use of a different water treatment chemical, age rates, different areas, or methods of applications.

> 5.5 (2): Deadlines for SWPPP Modification

Any required revisions to the SWPPP must be completed within 7 calendar days following any of the items listed above.

> 5.5 (3): Documentation of Modifications to the Plan

All SWPPP modification records are required to be maintained showing the dates of when the modification occurred. The records must include the name of the person authorizing each change and a brief summary of all changes.

> 5.5 (5): Required Notice to Other Operators

If there are multiple operators at the site, the Contractor's Erosion Control Supervisor must notify each operator that may be impacted by the change to the SWPP within 24

When modifications as described above occur, the SWPPP will be modified to provide appropriate protection to disturbed areas, all storm water structures, and adjacent waters. The Project Engineer will modify the SWPPP and drawings on the plans will be modified to reflect the needed changes. Copies of the SWPPP modifications will be given to the Contractor Erosion Control Supervisor and a copy will be emailed Owner

4: <u>SWPPP CERTIFICATIONS</u>

> Certification of Compliance with Federal, State, and Local Regulations The Storm Water Pollution Prevention Plan (SWPPP) for this project reflects the requirements of all local municipal jurisdictions for storm water management and sediment and erosion control as established by ordinance, as well as other state and federal requirements for the sediment and erosion control plans, permits, notices or documentation as appropriate.

> City of Aberdeen

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assume that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment knowing violations.

Authorized Signature (See the General Permit, Section 7.4 (1))

> Prime Contractor This section is to be executed by the General Contractor after the award of the contract This section may be executed any time there is a change in the Prime Contractor of the

> I certify under penalty of law that this document and all attachments will be revised or maintained under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Signature

CONTACT INFORMATION The following personnel are duly authorized representatives and have signatory authority for modifications made to the SWPP:

• Prime Contractor Name: Contractor Contact Name: Cell Phone:

➤ Erosion Control Supervisor Name:

Cell Phone:

➤ Project Engineer Name: Lucas Hoover, PE

Contractor Information:

Business Address: P.O. Box 111

Office Phone: (605) 225-1212

 Job Office Location: Aberdeen, SD State: <u>SD</u> Zip: <u>57402</u>

• Cell Phone: (605)_216-8106 Fax:_(605)_225-3189 SDDENR Contact Spill Report

> SDDENR Contact for Hazardous Materials **•** (605) 773-3153

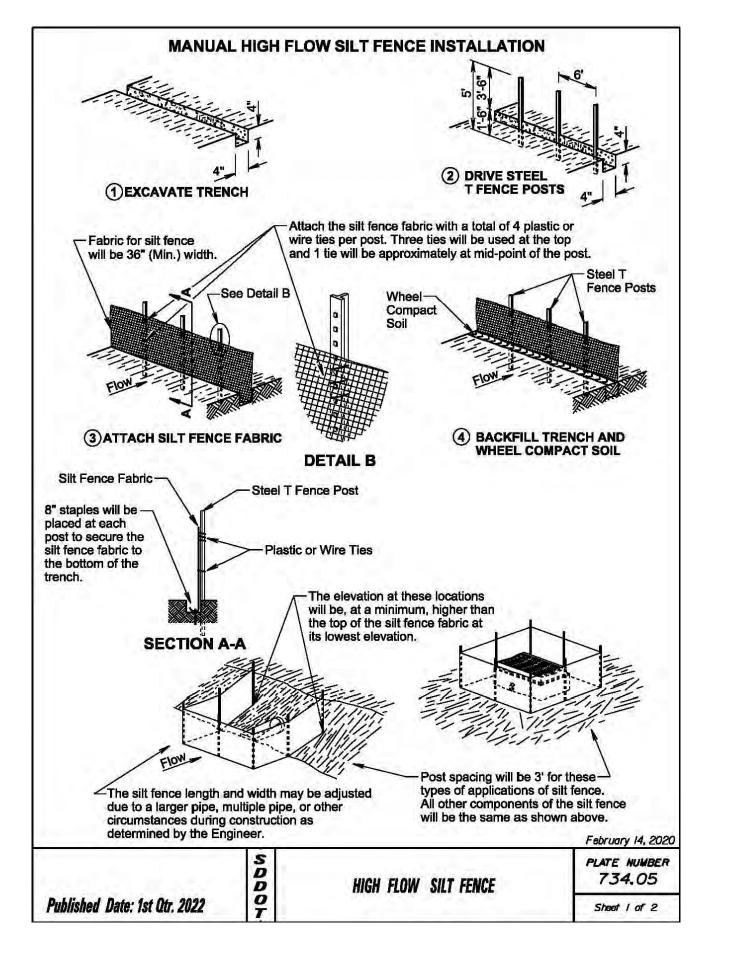
Nights and Weekends (605) 773-3231

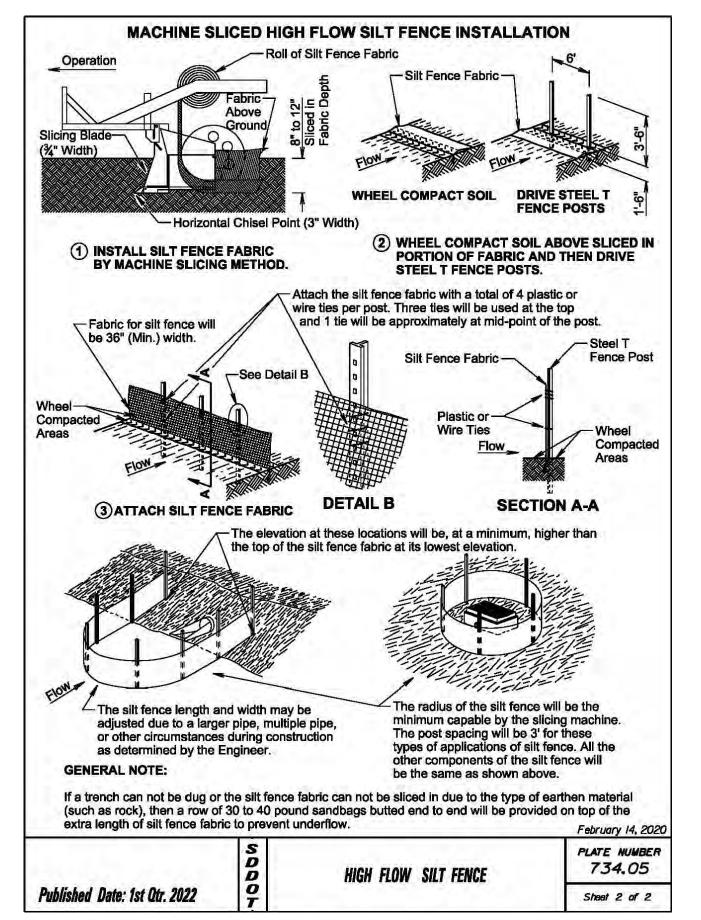
> National Response Center Hotline

• (800) 424-8802

Business Hours Monday-Friday (605) 773-3296

> SDDENR Stormwater Contact Information SDDENR Stormwater (800) 737-8676 Surface Water Quality Program (605) 773-3351





CONFLUENCE

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416 Production St N. P.O. Box 111, Aberdeen, S.D. 57402 Phone: 605.225.1212. Fax: 605.225.3189 Email: bobb@helmsengineering.com

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STORM WATER **POLLUTION** PREVENTION PLAN CONFLUENCE PROJECT # 21382

LANDSCAPE ARCHITECT
CONFLUENCE
440 E. 8TH STREET, SUITE 121
SIOUX FALLS, SD 57103
PH: 605.339.1205 FAX: 605.339.1215

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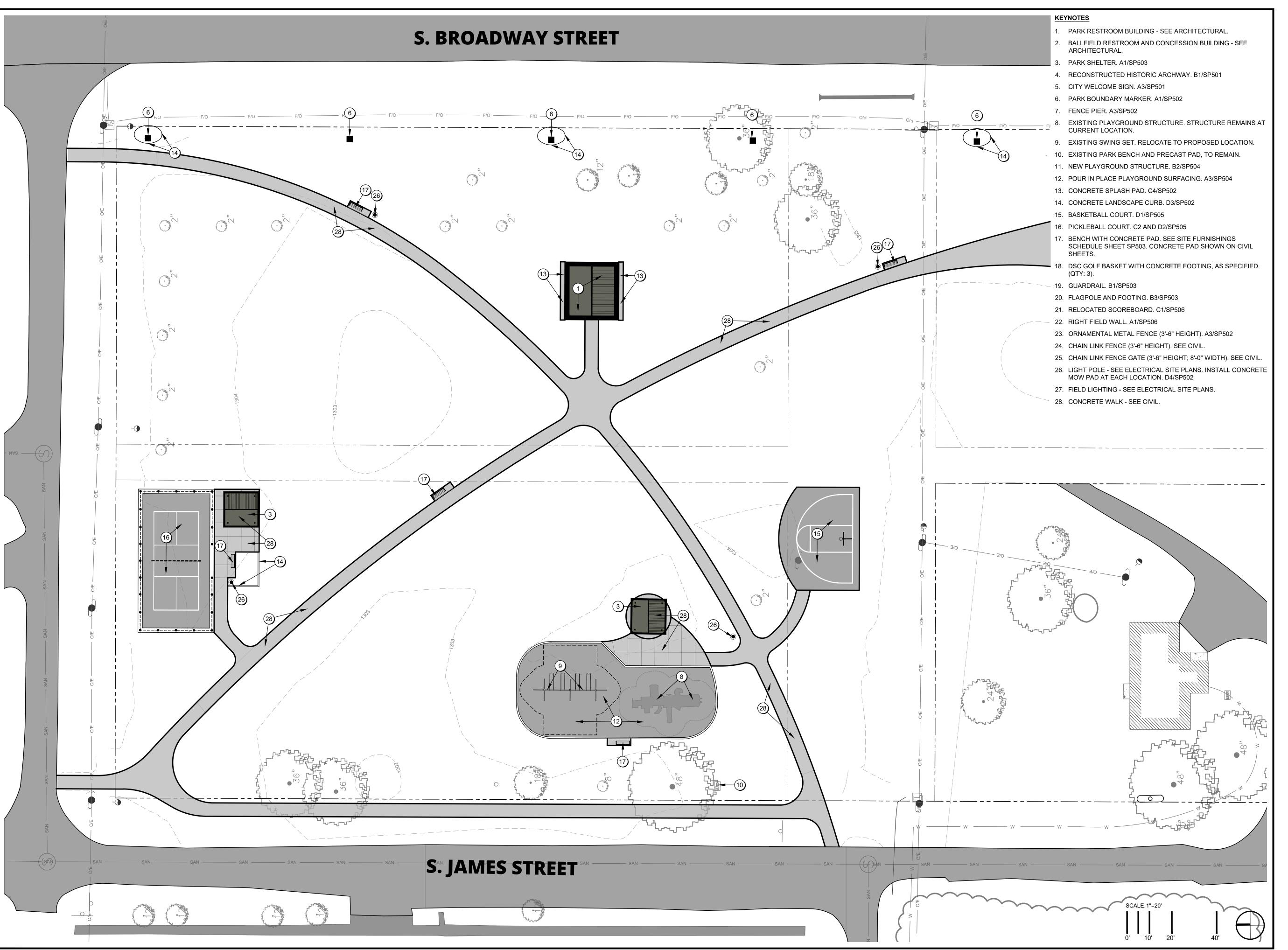
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Overall Site Features Plan

CONFLUENCE PROJECT # 21382



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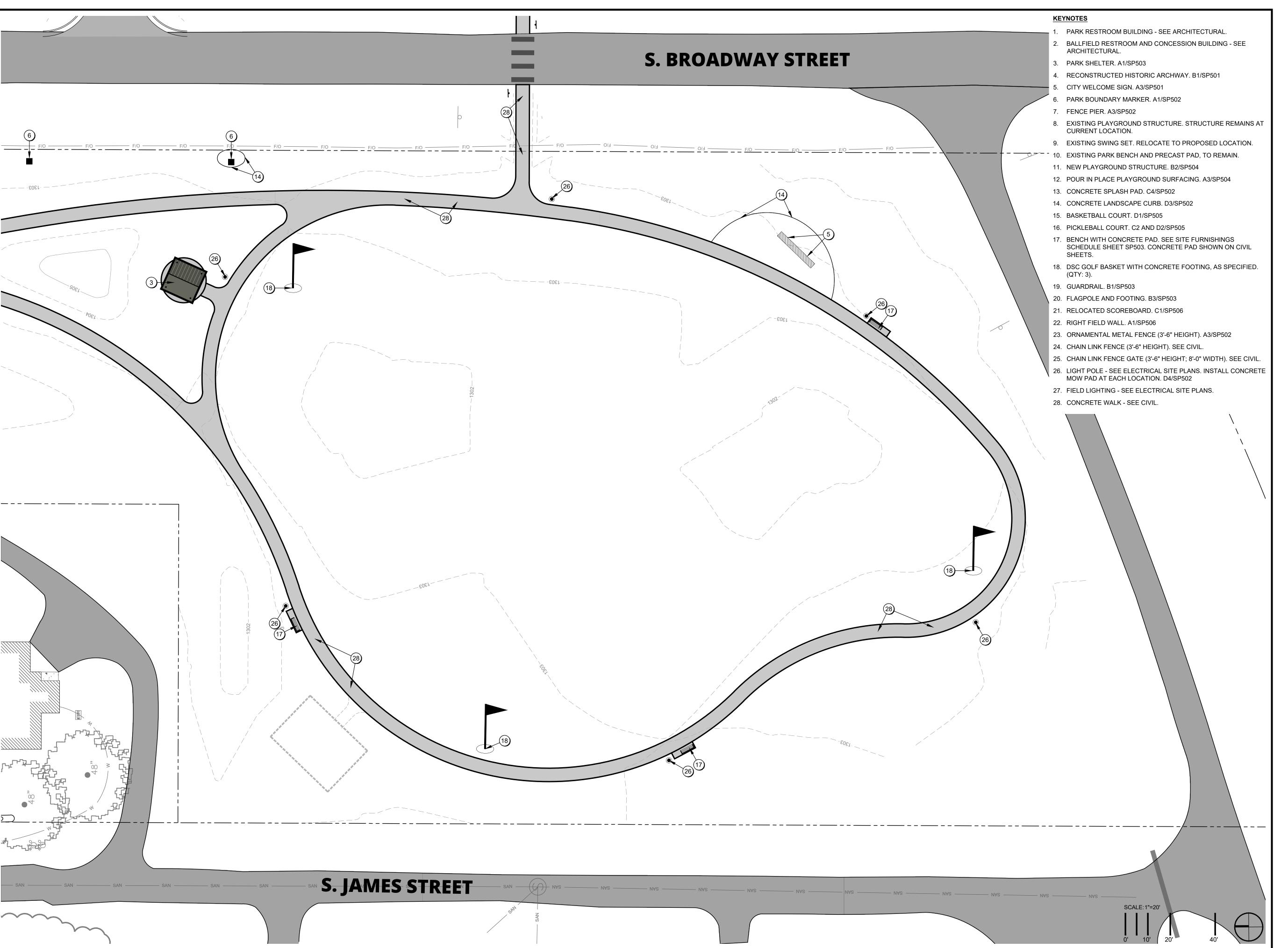
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Enlarged Site Features Plan

CONFLUENCE PROJECT # 21382



LANDSCAPE ARCHITECT CONFLUENCE

440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215

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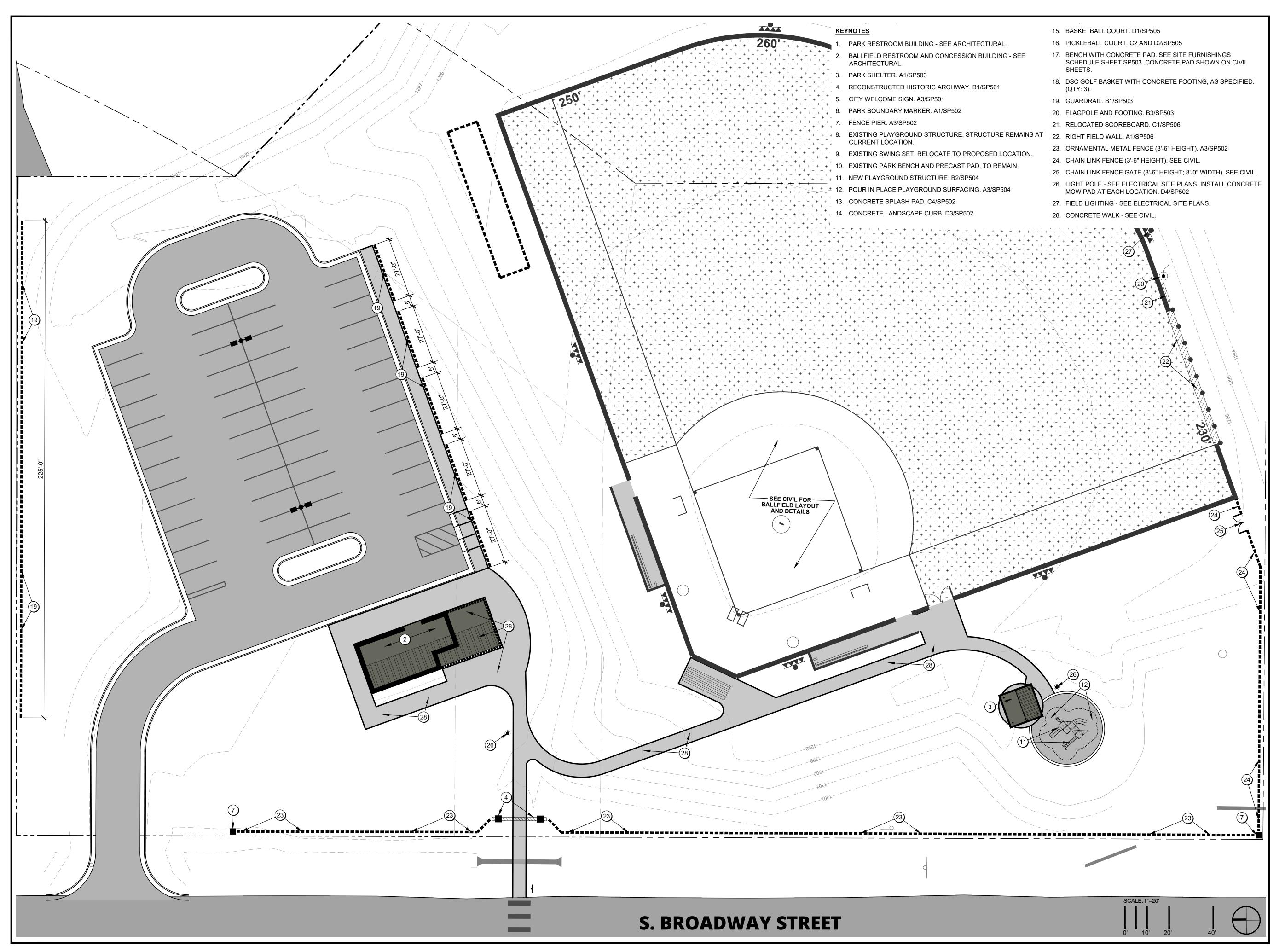
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Enlarged Site Features Plan

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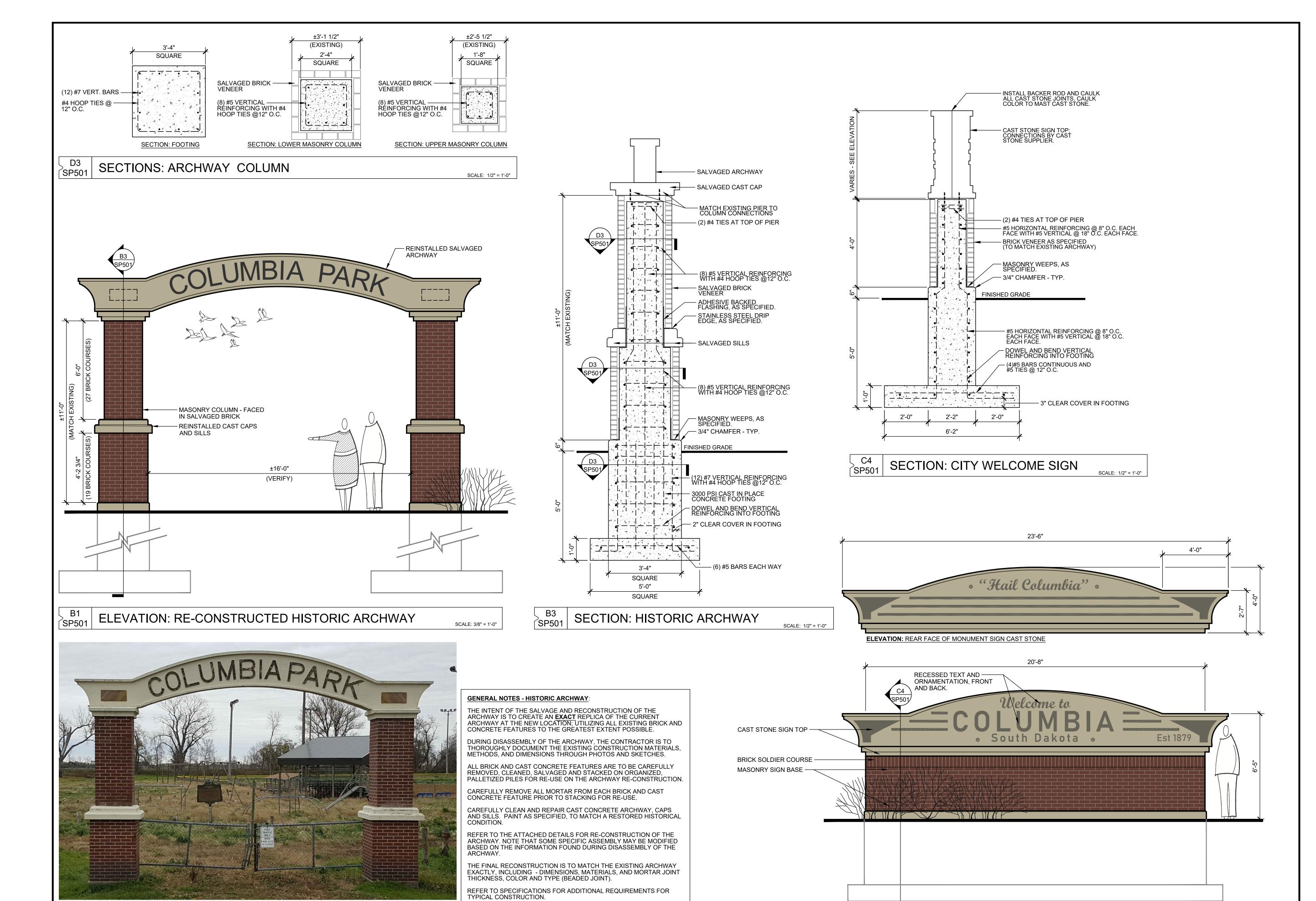
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Enlarged Site Features Plan

CONFLUENCE PROJECT # 21382



NOT TO SCALE

ELEVATION: CITY WELCOME SIGN

IMAGE: EXISTING ARCHWAY

SP501

CONFLUENCE

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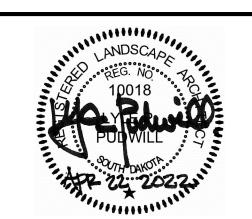
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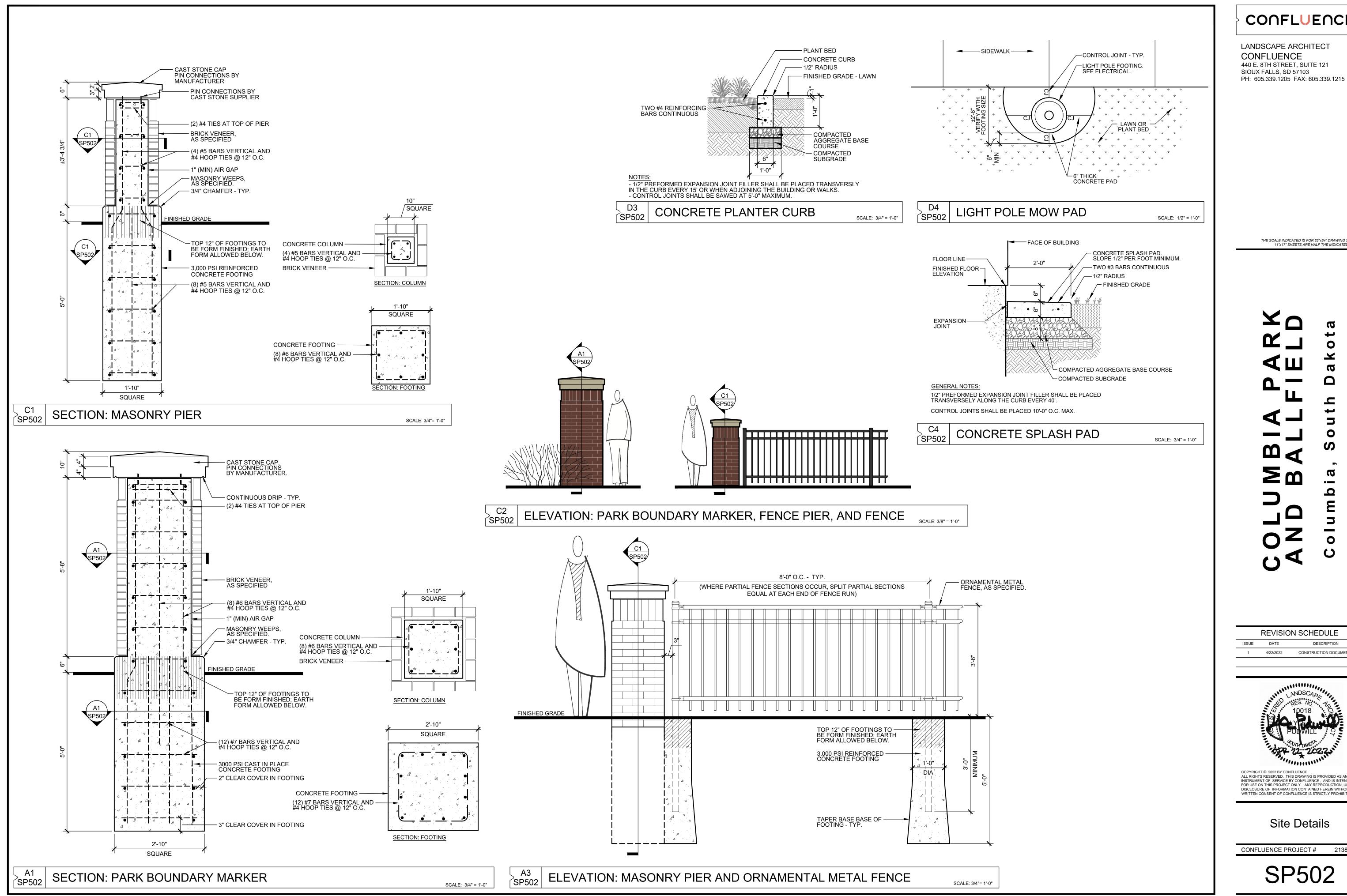


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Site Details

CONFLUENCE PROJECT # 21382

SCALE: 3/8" = 1'-0"

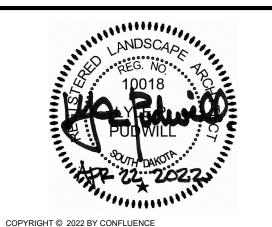


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Site Details

CONFLUENCE PROJECT # 21382

SITE FURNISHINGS SCHEDULE

KEY	QTY	PRODUCT	NOTES	CONTACT
BENC	: :H			
	8	MANUF: VICTOR STANLEY, INC. MODEL: FMBF-324	COLOR: BLACK SURFACE MOUNT 6' LENGTH	Rebecca Whelan 1.800.368.2573 x 375 rebeccaw@victorstanley.com www.victorstanley.com
TRAS	H RECE	PTACLE		
	5	MANUF: VICTOR STANLEY, INC., MODEL: EB-36SD WITH DOME LID	COLOR: BLACK SURFACE MOUNT SIZE: 36 GALLON	Rebecca Whelan 1.800.368.2573 x 375 rebeccaw@victorstanley.com www.victorstanley.com
PICNI	C TABL	E		
	7	MANUF: BELSON OUTDOORS MODEL: PMB-8AA, PARK MASTER PICNIC TABLE	ANODIZED ALUMINUM; BLACK POWDER COATED FRAME	1.800.323.5664 sales@belson.com www.belson.com



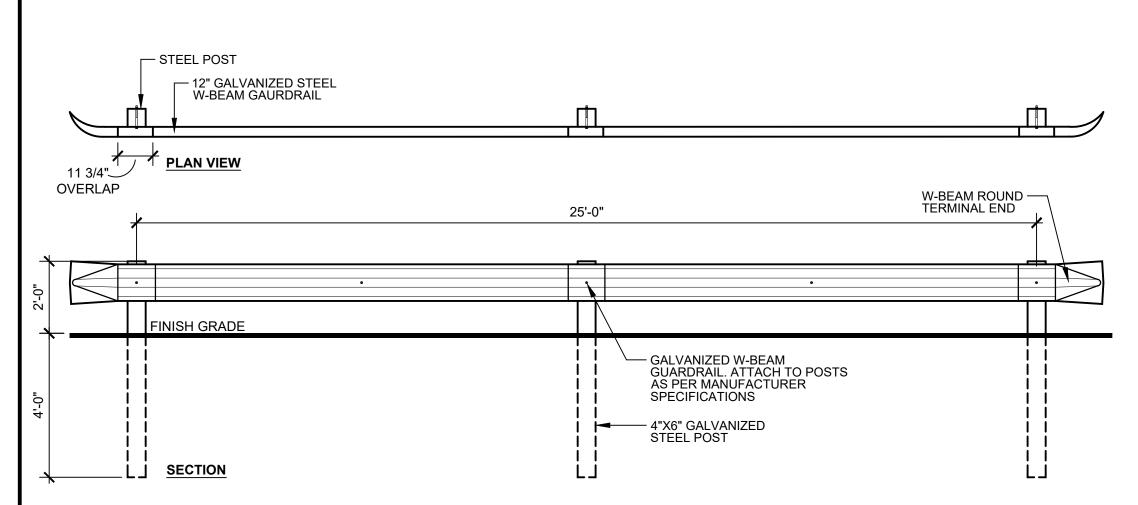
BENCH
MANUF: VICTOR STANLEY
MODEL: FMBF-324



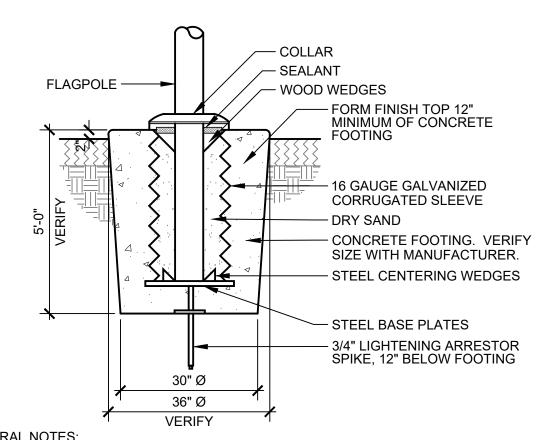
TRASH RECEPTACLE
MANUF: VICTOR STANLEY
MODEL: EB-36SD



PICNIC TABLE
MANUF: BELSON OUTDOORS
MODEL: PMB-8AA







GENERAL NOTES: INSTALLATION SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

A FOUNDATION TUBE: FABRICATED FROM 16 GA. GALVANIZED STEEL, WITH A STEEL BASE PLATE WHOSE SQUARE DIMENSIONS IS AT LEAST THE INTERNAL DIAMETER OF THE SLEEVE PLUS 4". A SETTING PLATE 6" SQUARE SHALL BE SECURELY WELDED TO THE GROUND SPIKE AT LEAST 6" BELOW THE BASE PLATE. THE GROUND SPIKE SHALL BE 3/4" DIAMETER, NOT LESS THAN 18" LONG.

PROVIDE SPUN ALUMINUM COLLAR, TYPE FC-11, FINISHED TO MATCH FLAGPOLE SHAFT. DIAMETER SHALL BE AT LEAST 1" GREATER THAN DIAMETER OF SLEEVE.

B3 SP503 FLAGPOLE SCALE: 3/4" = 1'-0"





PRE-MANUFACTURED PARK SHELTERS
REFER TO SPECIFICATION SECTION 107300

SP503 ILLUSTRATION: PARK SHELTER

NOT TO SCALE

CONFLUENCE

LANDSCAPE ARCHITECT CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103

PH: 605.339.1205 FAX: 605.339.1215

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COLUMBIA PARK AND BALLFIELD

REVISION SCHEDULE					
JE	DATE	DESCRIPTION			

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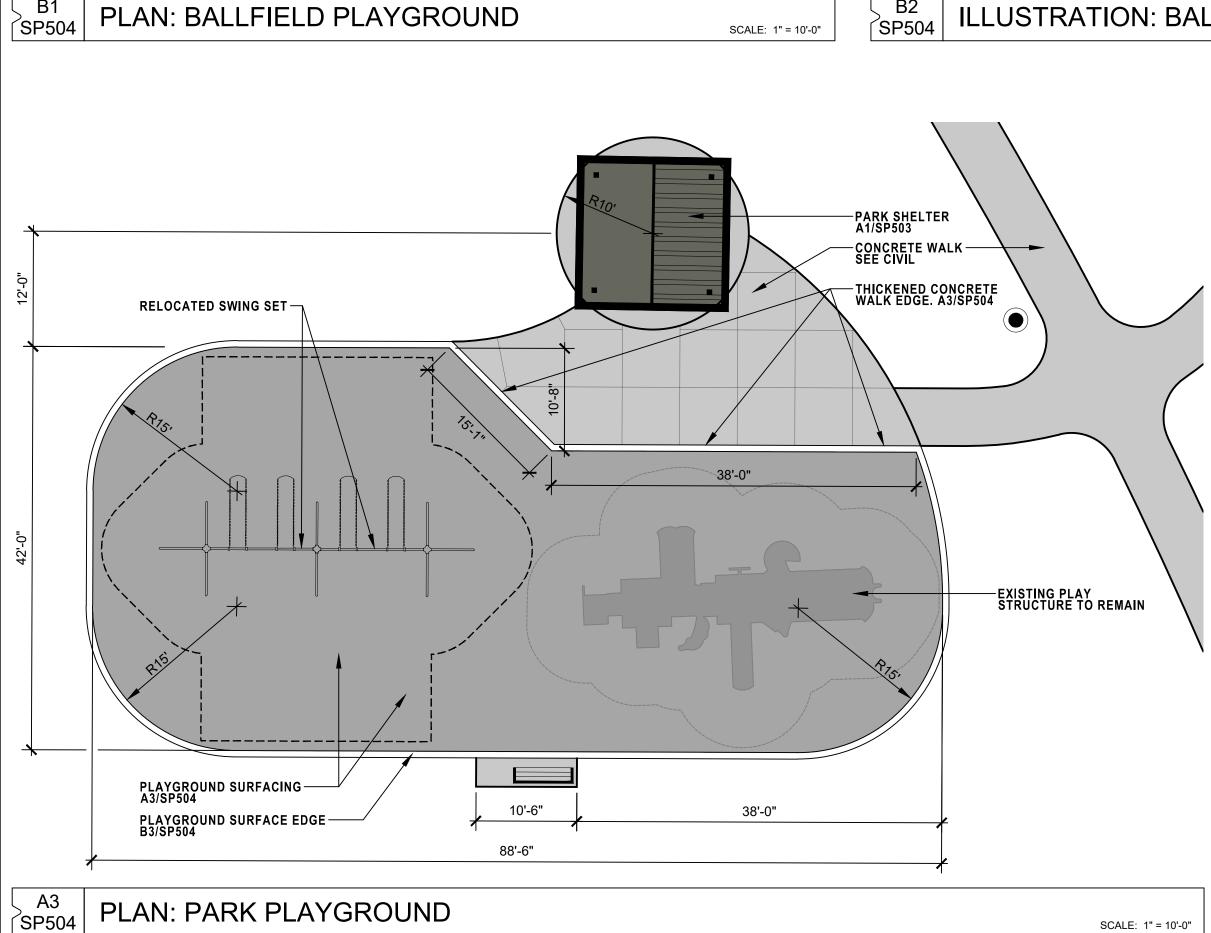
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SP504



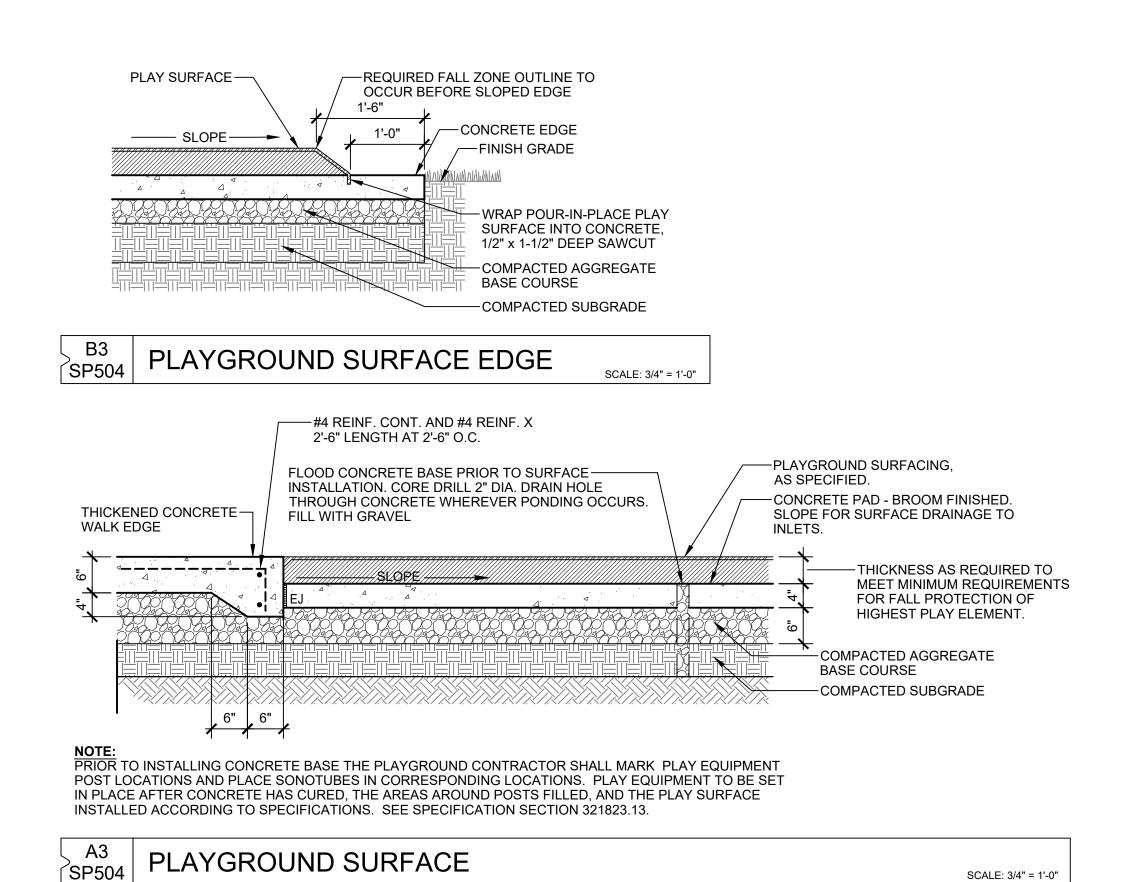


-NEW PLAY STRUCTURE

PLAYGROUND SURFACING A3/SP504

-PLAYGROUND SURFACE EDGE B3/SP504

PARK SHELTER A1/SP503



PLAYGROUND EQUIPMENT SCHEDULE

PLAY STRUCTURE
MANUF: LANDSCAPE STRUCTURES

FEATURES: DOUBLE LOOP SLIDE (64" PLATFORM)

DOUBLE STRAIGHT SLIDE (48" PLATFORM)

10' LONG STRAIGHT HORIZONTAL LADDER

LOLLIPOP LADDER

PLATFORM BARRIER WITH WHEEL

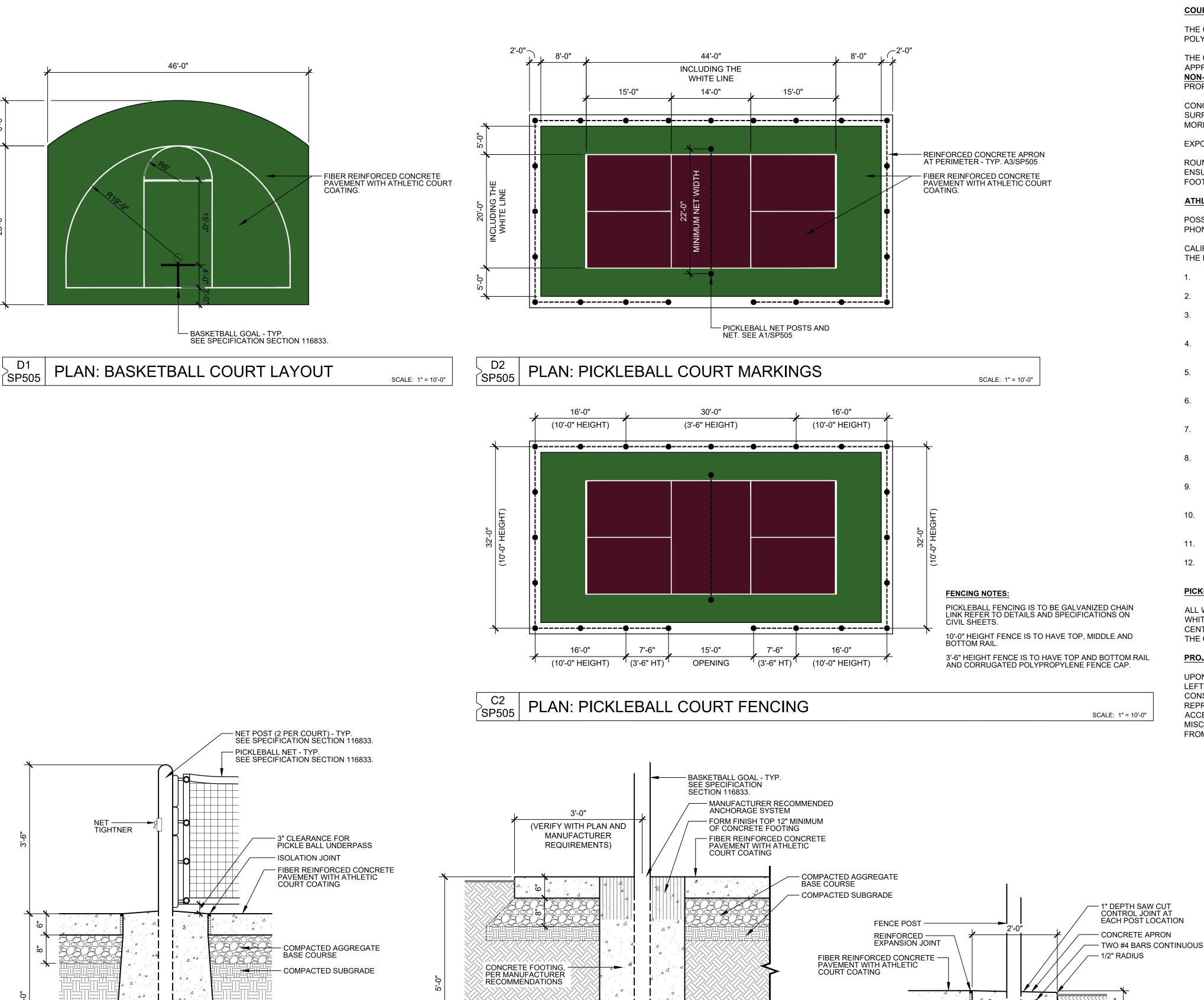
VERTICAL ASCENT FINGER MAZE PANEL

COLORS: TBD

CONTACT: DAKOTA PLAYGROUND KEN FOLLMAN 701.476.8536

MATCH 3 REACH PANEL

ken@dakotaplayground.com



DIA.

DETAIL: BASKETBALL FOOTING

SP505

SCALE: 3/4" = 1'-0"

2'-0"

2'-6"

DETAIL: NET POST

SP505

COURT CONCRETE NOTES:

THE CONTRACTOR SHALL INSTALL THE AGGREGATE BASE COURSE AND 3 LAYERS OF 4-MIL POLYETHYLENE SHEETING UNDER THE CONCRETE SLAB.

THE CONTRACTOR SHALL FURNISH A CONCRETE MIX DESIGN TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX DESIGN SHALL INCLUDE **NON-SHRINK ADMIXTURES** TO MINIMIZE SHRINKAGE OF THE CONCRETE. THE ADMIXTURE PROPORTIONS SHALL BE AS RECOMMENDED BY THE SUPPLIER.

CONCRETE SHALL BE BULL FLOATED TO A TRUE AND UNIFORM PLANE. THE FINAL FINISHED SURFACE SHALL BE TROWEL SMOOTH. THE FINISHED SURFACE OF THE COURT SHALL NOT VARY MORE THAN 1/8" IN 10' WHEN MEASURED IN ANY DIRECTION.

EXPOSED CONCRETE EDGES SHALL BE ROUNDED TO A 1/4" RADIUS.

ROUND BLOCK OUTS (SONOTUBE) TO BE LEFT IN CONCRETE FOR NET POSTS AND TIE DOWN RINGS. ENSURE ROUND BLOCK OUTS ARE ADEQUATE DIAMETER TO ALLOW SUBSEQUENT AUGERING OF FOOTING HOLES.

ATHLETIC COURT COATING NOTES:

POSSIBLE SUPPLIER: JANCO ATHLETIC SURFACING PHONE: 605.543.5691 CELL: 605.359.4778

CALIFORNIA PRODUCTS "PLEXIPAVE SYSTEM" OR EQUAL AS APPROVED 10 DAYS PRIOR TO THE BID. THE FOLLOWING PRODUCTS AND PROCEDURES SHALL BE USED:

- 1. PLEXIPAVE COURT BINDER SPECIFICATION 10.14 CALIFORNIA PRODUCTS CORPORATION.
- 2. ACRYLIC RESURFACE SPECIFICATION 10.8 CALIFORNIA PRODUCTS CORPORATION.
- 3. PLEXIPAVE COLOR BASE AND PLEXICHORME SPECIFICATION 10.14 CALIFORNIA PRODUCTS CORPORATION.
- CORPORATION FORTIFIED PLEXIPAVE AND PLEXICHROME SPECIFICATION 10.8 AND 10.1 CALIFORNIA PRODUCTS CORPORATION.
- 5. PLAYING LINES PLEXICHROME LINE PAINT SPECIFICATION 10.14 CALIFORNIA PRODUCTS CORPORATION.
- 6. COLORS: TBD CALIFORNIA PRODUCTS CORPORATION, SEE DETAIL FOR PATTERN. LINE PAINT COLOR: WHITE SEE DETAIL FOR LOCATION.
- 7. THE CONCRETE SHALL BE DRY AND FREE OF DUST, DIRT DURING THE APPLICATION OF THE PAVEMENT SURFACE SYSTEM.
- SAWCUT CONTROL JOINTS TO BE SEALED WITH A COMPATIBLE JOINT SEALANT PRIOR TO SURFACE APPLICATION.
- 9. IT SHALL AT A MINIMUM CONSIST OF: ONE COAT OF ACRYLIC RESURFACER AND TWO COATS OF FORTIFIED PLEXIPAVE FOLLOWED WITH ONE COAT OF PLEXICHROME FINISHER.
- 10. ALL PAVEMENT MARKINGS SHALL BE APPLIED WITH THE SAME SYSTEM AS THE COATINGS. CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTALLATION SPECIFICATIONS.
- 11. WATER THE WATER USED IN ALL MIXTURES SHALL BE FRESH POTABLE WATER.
- 12. ALL PAVEMENT MARKINGS SHALL BE APPLIED WITH THE SAME SYSTEM AS THE COATINGS. CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTALLATION SPECIFICATIONS.

PICKLEBALL COURT MARKING NOTES:

REMOVE SONOTUBE FORM PRIOR -

TO PLACING CONCRETE PAVING.

GENERAL NOTES

10'-0" O.C. MAX.

SP505

SCALE: 3/4" = 1'-0"

1/2" PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED TRANSVERSELY ALONG THE CURB EVERY 40'.

CONCRETE APRON

CONTROL JOINTS SHALL BE PLACED AT EVERY POST LOCATION AND AT

SCALE: 3/4"=1'-0"

NO EXPANSION MATERIAL AT THIS

ALL SIDES

THICKENED EDGE,

ALL WHITE LINE STRIPING SHALL BE 2" WIDE EXCEPT FOR BASE LINES WHICH SHALL BE 4" WIDE WHITE. DIMENSIONS GIVEN ARE MEASURED TO THE OUTSIDE OF THE LINE EXCEPT FOR THE CENTER SERVICE LINE AND THE CENTER MARK, BOTH OF WHICH SHALL BE ON THE CENTERLINE OF THE COURT. PLAYING LINES SHALL NOT VARY MORE THAN 1/4" FROM THE EXACT MEASUREMENTS.

PROJECT COMPLETION:

UPON COMPLETION OF WORK THE CONTRACTOR SHALL CAREFULLY CLEAN-UP AND REMOVE ALL LEFT OVER MATERIALS SO AS TO RETURN THE WORK SITE TO THE CONDITION IT WAS PRIOR TO CONSTRUCTION ACTIVITIES. AT THIS TIME A FINAL INSPECTION WILL BE CONDUCTED WITH A REPRESENTATIVE FOR THE CONTRACTOR AND THE OWNER PRESENT TO ESTABLISH FINAL ACCEPTANCE OF WORK. COMPLETED SHALL MEAN ALL WORK FINISHED EXCEPT FOR MISCELLANEOUS ADJUSTMENTS, MINOR CLEANUP AND ANY OTHER WORK NECESSARY RESULTING FROM THE FINAL INSPECTION.

1'-0"

DIA

DETAIL: CENTER NET TIE-DOWN

- EMBED RECESSED TIE-DOWN RING (CENTER ANCHORS) @ CENTER OF EACH COURT -TYP. SEE SPÉCIFICATION SECTION 116833.

CONFLUENCE

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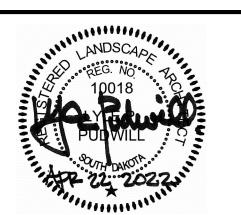
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COLUMBIA PARK AND BALLFIELD

REVISION SCHEDULE

ISSUE DATE DESCRIPTION

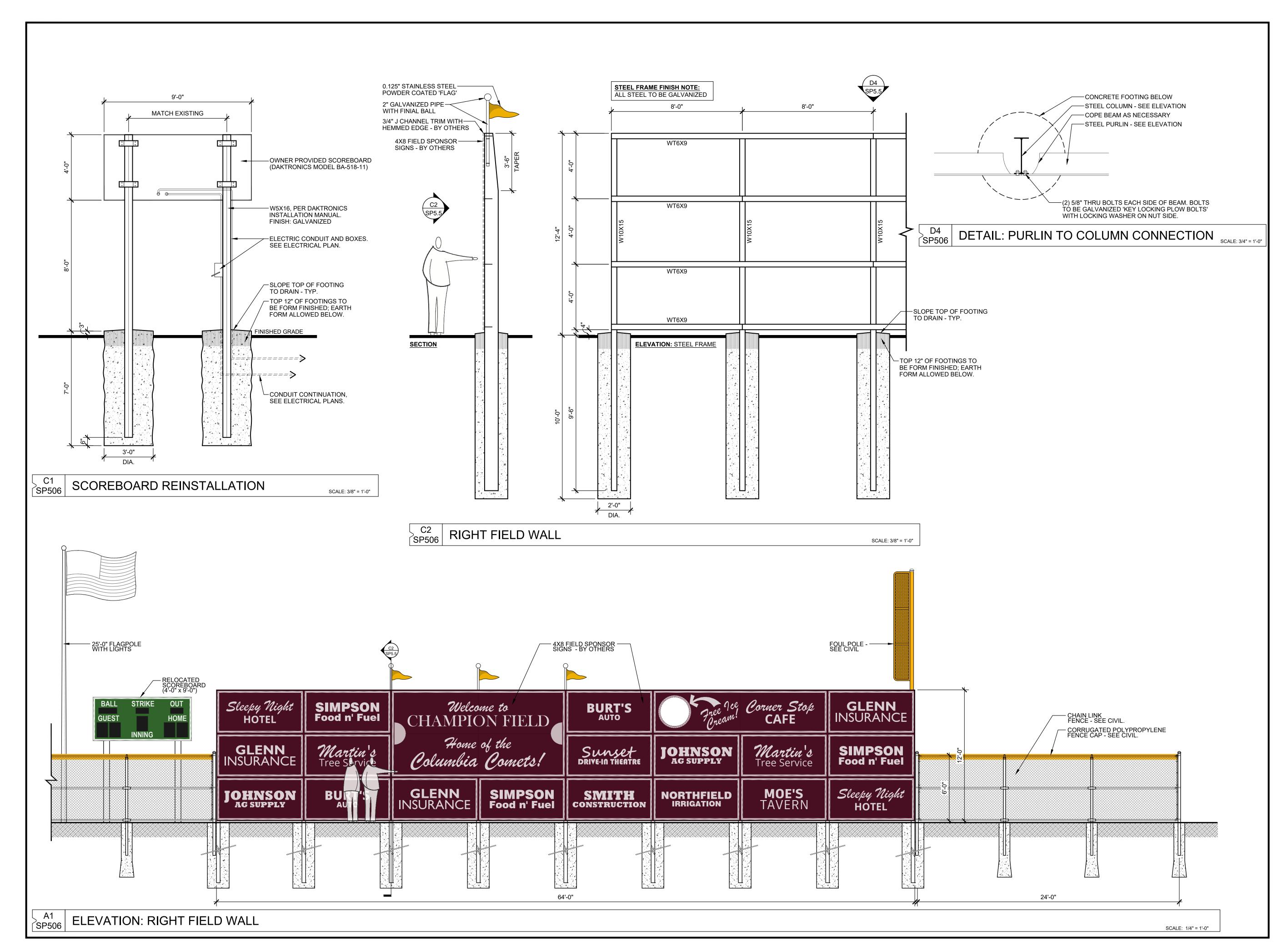
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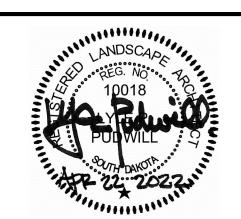
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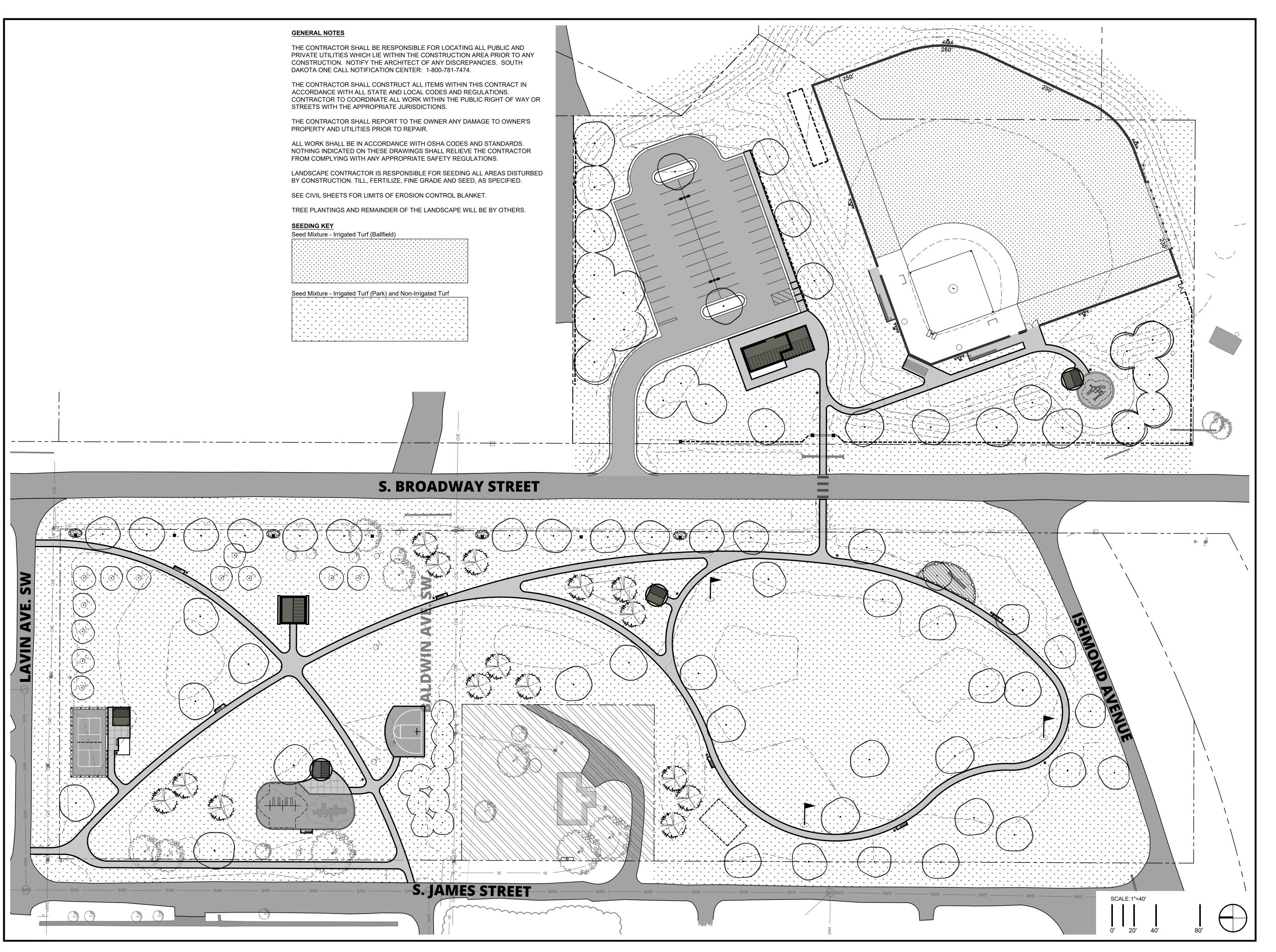
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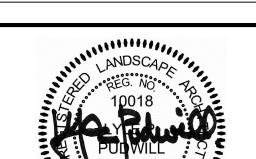
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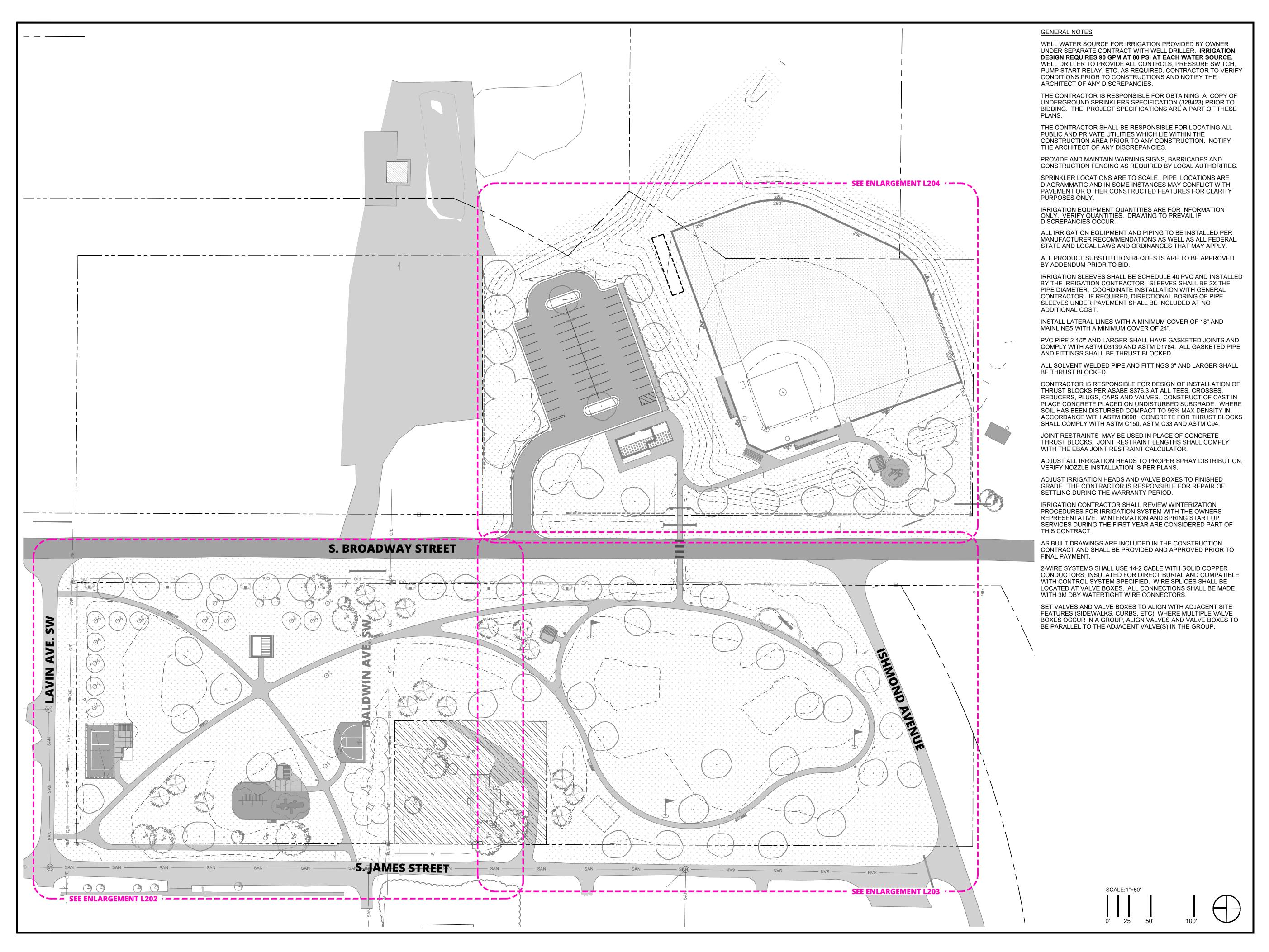
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SEEDING PLAN

CONFLUENCE PROJECT # 21382



LANDSCAPE ARCHITECT CONFLUENCE

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Overall Irrigation Plan

CONFLUENCE PROJECT # 21382

LANDSCAPE ARCHITECT
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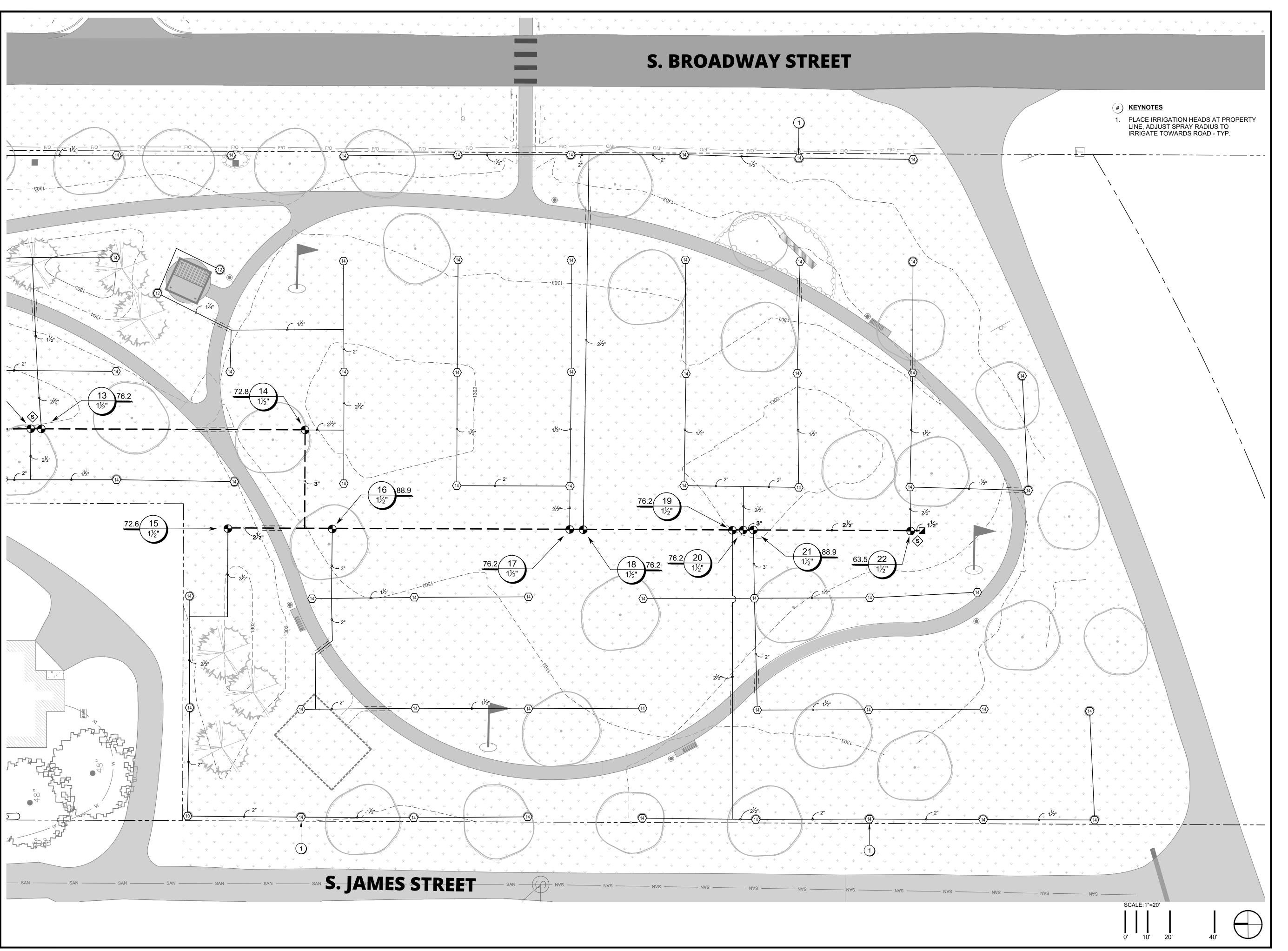
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Enlarged Irrigation Plan

CONFLUENCE PROJECT # 21382



LANDSCAPE ARCHITECT

CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215

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Enlarged Irrigation Plan

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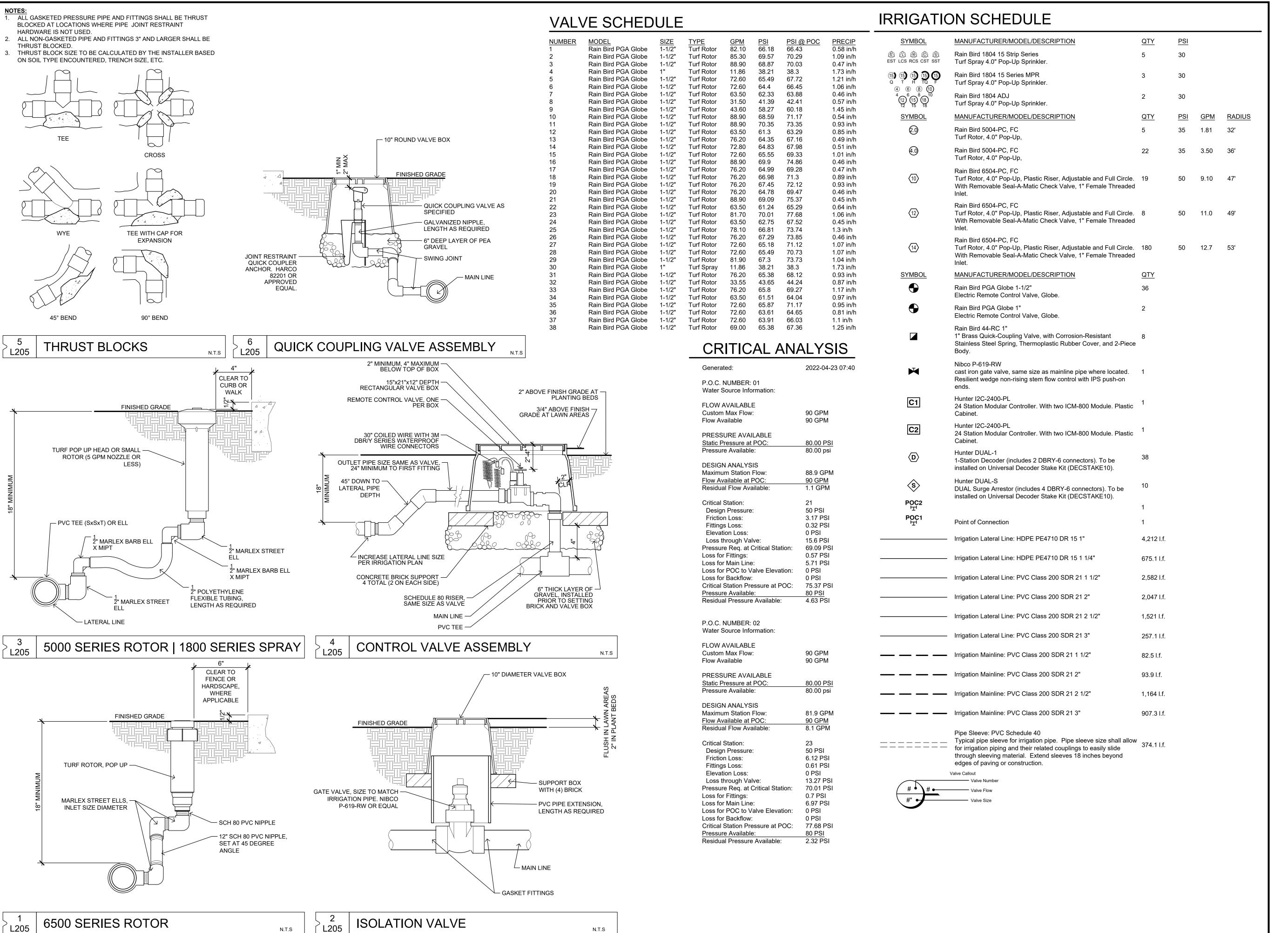
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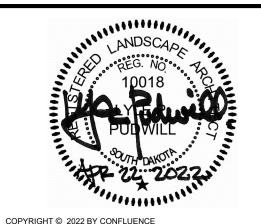
11"x17" SHEETS ARE HALF THE INDICATED SCAL

SOLUMBIA PARKAND BALLFIELD

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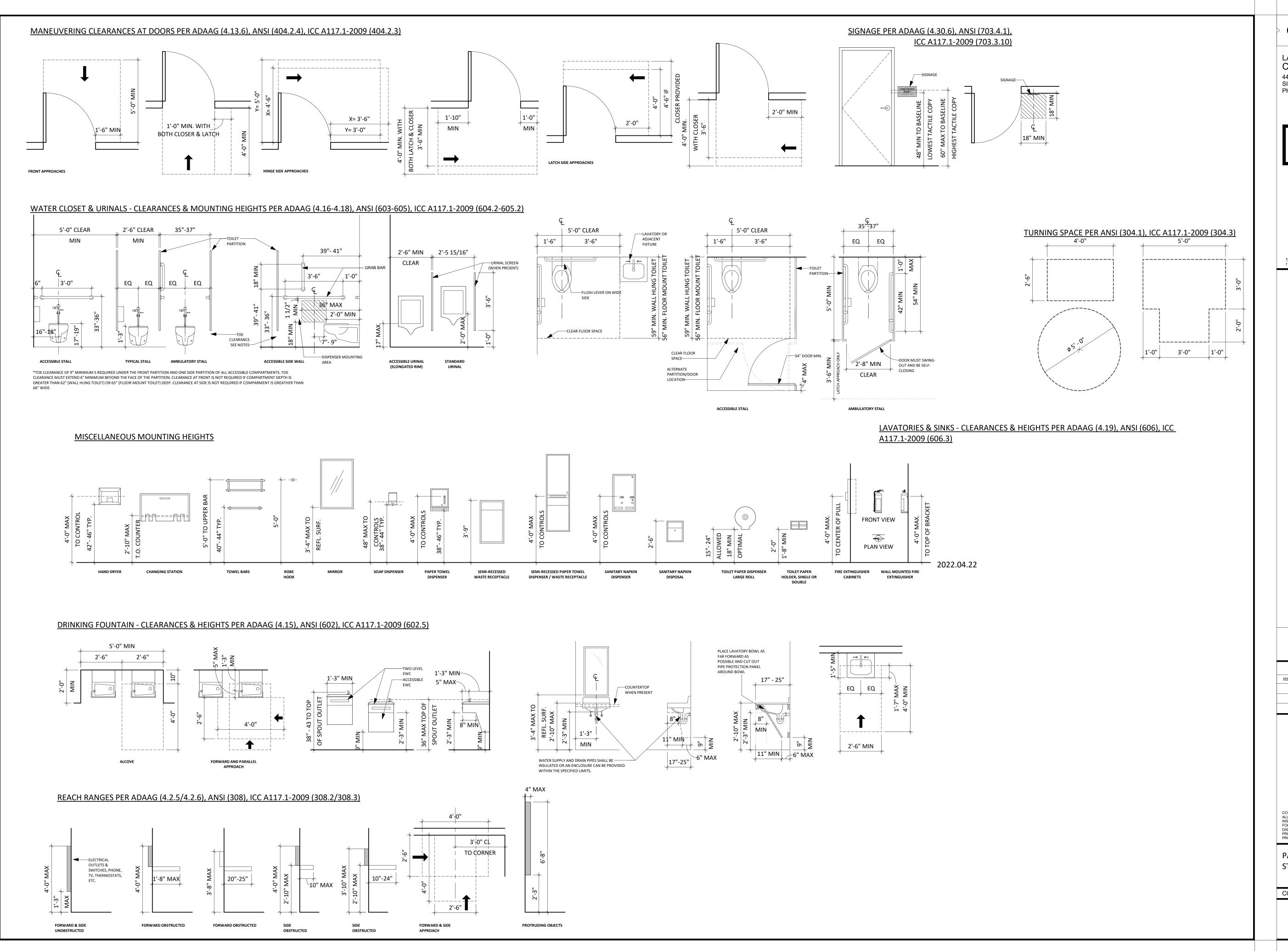
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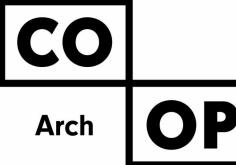
Irrigation Schedule and Details

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LANDSCAPE ARCHITECT CONFLUENCE

440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215



1108 S. Main St. 102 Aberdeen, SD 57401 Phone: 605-725-4852 co-oparch.com

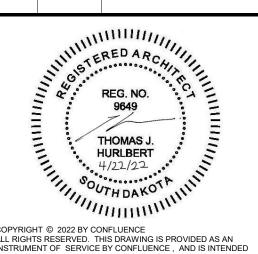
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PARK AND BALLFIELD - CODE STANDARDS

CONFLUENCE PROJECT # 21382

A0-0

ARCHITECTURAL GENERAL NOTES

ALL ITEMS INSTALLED IN CEILINGS ARE TO BE CENTERED OR SYMMETRICALLY ARRANGED ON

WALL MOUNTED EXIT SIGNS AND FIXTURES ARE TO BE CENTERED OVER DOOR OR DOOR

PROVIDE ACCESS DOORS AT ALL MECHANICAL UNIT LOCATIONS ABOVE SOFFIT. COORD.

• GENERAL CONTRACTOR TO PROVIDE LABOR AND MATERIALS TO FRAME AN ATTIC ACCESS IN

• THE REFLECTED CEILING PLANS ARE INTENDED TO AID IN COORDINATION ONLY AND ARE NOT

INTENDED TO BE COMPREHENSIVE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR

• SEE FLOOR PLAN FOR CASE WORK PLAN INFORMATION. SEE INTERIOR ELEVATIONS FOR

COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL.

• PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF

ADDITIONAL CASEWORK INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS.

REFER TO SPECIFICATIONS FOR CEILING AND FIXTURE SUSPENSION REQUIREMENTS.

THE SERVICE CORRIDOR ROOM 102. COORDINATE LOCATION WITH ALL TRADES.

ADDITIONAL INFORMATION. WHERE CONFLICTS OCCUR, NOTIFY ARCHITECT.

• CENTER LIGHT FIXTURES BETWEEN WALLS AND/OR CEILING BULKHEADS UNLESS

OR ABOUT CENTERLINES OF ROOMS AND CENTERED IN CEILING TILES.

NUMBER REQUIRED AND LOCATIONS WITH MECHANICAL SHEETS.

COORDINATE WITH MEP FOR LOCATION OF CEILING ACCESS PANELS.

• ALIGN CEILINGS AND SOFFITS WITH ADJACENT PARTITIONS, U.N.O.

GENERAL NOTES

- PROVIDE FIRE EXTINGUISHERS AND CABINETS AS SHOWN ON THE PLAN(S).
- SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
- REFER TO SHEET <u>A0-0</u> FOR ALL ADA CODE STANDARDS.
- SQUARE FOOTAGES LISTED ARE FOR CODE REVIEW PURPOSES ONLY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSES.
- COORDINATE WORK DONE BY OTHERS AS INDICATED ON THE DRAWINGS.
- · CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, ELEVATIONS AND DIMENSIONS. · ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING
- INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPORIATE SAFETY REGULATIONS.
- THE CONTRACTOR SHALL CONSTRUCT ALL ITEMS WITHIN THIS CONTRACT IN ACCORDANCE WITH THE STATE AND LOCAL REGULATIONS AND CODES.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.

• COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL

- COORDINATE WITH CODE STANDARD SHEET A0-0.
- COORDINATE ANY EXTERIOR REQUIRED WORK WITH MECH. & ELECTRICAL.
- EXPOSED MACHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED. • COORDINATE ALL SHEAR WALL LOCATIONS W/ STRUCTURAL PLANS.

DOORS, HARDWARE & WINDOWS NOTES

- ALL EXTERIOR FRAMES & DOORS ARE TO BE THERMALLY BROKEN.
- CAULK ENTIRE PERIMETER OF H.M. FRAMES (BOTH SIDES).
- PAINT FRAMES TO MATCH WALL. SPLIT PAINT COLOR AT DOOR GASKET AS REQUIRED. • PROVIDE ROOM SIGNAGE AT ALL DOORS. WHERE MOUNTED TO GLAZING, PROVIDE A BLANK
- BACK PLATE ON OPPOSIZE SIDE OF GLAZING. SEE CODE STANDARDS FOR MOUNTING HEIGHTS AND LOCATIONS. SEE SPECIFICATIONS FOR SPECIAL SIGNAGE REQ.
- REFER TO WALL TYPES FOR WALL CONSTRUCTION ELEMENTS FOR ALL DOOR AND WINDOW
- DETAILS. COORDINATE ALL STRUCTURAL REQ. WITH STRUCTURAL DRAWINGS.
- WALL MOUNTED EXIT SIGNS AND FIXTURES ARE TO BE CENTERED OVER DOOR OR DOOR OPENING WHERE APPLICABLE.
- SEE DRAWING SHEET <u>A1-1 & A2-4</u> FOR ROOM FINISH SCHEDULE.

FIXTURES NOTES

FINISHES NOTES

CEILING NOTES

OPENING WHERE APPLICABLE.

DIMENSIONED OTHERWISE.

CASEWORK NOTES

- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.

FLOOR NOTES

• SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.

ROOF NOTES

- SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
- ALL THRU ROOF PENETRATION BOOTS IN ROOF SYSTEM ARE TO BE PROVIDED. • THE AIR & MOISTURE WEATHER BARRIER IS TO BE CONTINUOUS FROM THE BASE OF THE
- WALLS UP TO & TYING INTO THE ROOF BARRIER SYSTEM.
- COORDINATE ROOF PENETRATIONS WITH MECHANICAL, ELECTRICAL, AND PLUBMING CONTRACTORS.
- PROVIDE ROOF CURBS FOR ALL EQUIPMENT SCHEDULED TO BE ON THE ROOF. COORDINATE SIZE AND LOCATION WITH APPLICABLE TRADES.
- DIMENSIONS AND LOCATIONS OF EQUIPMENT ON THE ROOF ARE APPROX., DO NOT SCALE THE DRAWINGS. VERIFY WITH APPLICABLE TRADES.

SITE NOTES

 SEE CIVIL PLAN FOR ADDITIONAL INFORMATION REGARDING CONSTRUCTION LIMITS, STAGING, LAWN IRRIGATION, SOD & LANDSCAPING.

WALL NOTES

- ALL WALLS TO BE TYPE #4A OR #4B U.O.N. AND EXTENDED UP TO RAFTER BEARING UNLESS OTHERWISE NOTED ON DRAWINGS.
- ALL DIMENSIONS ARE FROM FACE TO FACE OF GWB U.N.O.
- COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MACHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
- INCREASE WALL THICKNESS OF CONCRETE BLOCK WALLS AS REQUIRED TO ACCOMMODATE MECHANICAL AND ELECTRICAL DEVICES - VERIFY WITH ARCHITECT PRIOR TO WORK.

BUILDING CODE SUMMARY

APPLICABLE CODES

1. BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE

BUILDING AREA

1. Park Restroom: 488 S.F

1. Park Restroom: 1

BUILDING SPRINKLER Park Restroom: No

USE AND OCCUPANCY CLASSIFICATION (CHAPTER 3)

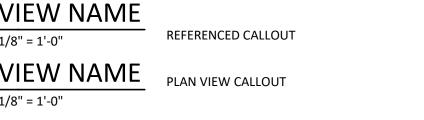
1. OCCUPANCY CLASSIFICATION: GROUP A-5

TYPES OF CONSTRUCTION (CHAPTER 6) TYPE II-B CONSTRUCTION

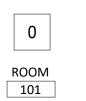
ACCESSIBILITY (CHAPTER 11)

1. ACCESSIBLE ELEMENTS HAVE BEEN INCORPORATED INTO THE DOCUMENTS

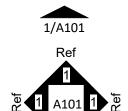
ARCHITECTURAL SYMBOLS LEGEND

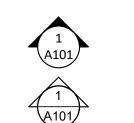


FLOOR LEVEL_ **ELEVATION NAME AND HEIGHT**



150 SF **ROOM NAME** 150 SF





WALL SECTION SECTION / DRAWING SHEET

BUILDING SECTION

SECTION / DRAWING SHEET

DETAIL OR PLAN CALL OUT VIEW NUMBER / DRAWING SHEET

STOREFRONT & CURTAIN WALL TAG

REVISION NUMBER TAG

ABBREVIATIONS

FFE FINISHED FLOOR ELEVATION FF FINISHED FLOOR FLR FLOOR FRP FIBERGLASS REINFORCED PANEL FT FOOT

FTG FOOTING FWC FABRIC WALL COVERING

HB HOSE BIB

HT HEIGHT

HC HANDICAPPED

HM HOLLOW METAL

ID INSIDE DIAMETER

INSL INSULATION

INT INTERIOR

APC ACOUSTICAL PANEL CEILING GALV GALVANIZED GB GRAB BAR GC GENERAL CONTRACTOR GLAZ GLAZED BLOCK GWB GYPSUM WALL BOARD GWT GLAZED WALL TILE GTB GLAZED WALL TILE BASE

BLKG BLOCKING BN BULLNOSE B.O. BOTTOM OF BOW BOTTOM OF WALL BRG BEARING BRL BRICK LEDGE BURN BURNISHED BLOCK

CG CORNER GUARD CJ CONTROL JOINT CLG CEILING

A/C AIR CONDITION

AB ANCHOR BOLT

ADJ ADJUSTABLE

ALUM ALUMINUM

BC BOTTOM OF CURB

ALT ALTERNATE

ANC ANCHOR

BD BOARD

BLDG BUILDING

ACPL ACOUSTICAL PLASTER

AFF ABOVE FINISH FLOOR

AHU AIR HANDELING UNIT

CMU CONCRETE MASONRY UNIT COL COLUMN COMP COMPARTMENT CONC CONCRETE **CONSTRUCTION** CONT CONTINUOUS OR CONTINUE

CONTR CONTRACTOR CPT CARPET CSV COVE SHEET VINYL BASE CT CERAMIC TILE

CTB CERAMIC TILE BASE DBL DOUBLE DIA DIAMETER DIM DIMENSION

DEMO DEMOLITION DET DETAIL DF DRINKING FOUNTAIN DR DOOR DS DOWNSPOUT

DW DISH WASHER DWG DRAWING EA EACH

EIFS EXTERIOR INSULATION FINISH SYSTEM EJ EXPANSION JOINT ELEV ELEVATION ELEC ELECTRIC EQ EQUAL

ES EXPOSED STRUCTURE EW EACH WAY EWC ELECTRIC WATER COOLER EXPO EXPOSED EXIST EXISTING

EXT EXTERIOR

EQUIP EQUIPMENT

FBO FURNISHED BY OTHERS FD FLOOR DRAIN FDN FOUNDATION

FE FIRE EXTINGUISHER

FEC FIRE EXTINGUISHER CABINET

PLAS PLASTER PLAM PLASTIC LAMINATE PTB PAVER TILE BASE PWD PLYWOOD

PVT PAVER TILE

PSF POUNDS PER SQAURE FOOT

QB QUARRY TILE BASE QT QUARRY TILE

RESILIENT BASE RD ROOF DRAIN REF REFRIDGERATOR

RM ROOM RO ROUGH OPENING RST RESILIENT STAIR TREAD RT RUBBER TILE **RVB RUBBER VENTED BASE**

SYM SYMETRICAL

TB TACKBOARD

TC TOP OF CURB

TERR TERRAZZO

T.O. TOP OF

T&G TONGUE & GROOVE

TBD TO BE DETERMINED

TOC TOP OF CONCRETE

TOM TOP OF MASONRY

TOO TOP OF OPENING

TPD TOILET PAPER DISPENSER

UNO UNLESS NOTED OTHERWISE

VCT VINYL COMPOSITION TILE

VEND VENDING MACHINE

VWB VINYL WALL BORDER

VWC VINYL WALL COVERING

VTR VENT THRU ROOF

VERT VERTICAL

W/ WITH

WT WEIGHT

TOP TOP OF PRECAST

TOS TOP OF STEEL

TS TALL STORAGE

TV TELEVISION

TYP TYPICAL

TOW TOP OF WALL

TOF TOP OF FOOTING

SB SPLASH BLOCK SC-# SPECIAL COATING (COLOR #)

SCONC SEALED CONCRETE SECT SECTION HVAC HEATING, VENTING & AIR CONDITIONING SIM SIMILAR SQ SQUARE

SS STAINLESS STEEL STD STANDARD STL STEEL SV SHEET VINYL FLOORING

JBE JOIST BEARING ELEVATION JST JOIST JT JOINT

HLB HORIZONTAL LOUVER BLINDS

HPC HIGH PERFORMANCE COATING

LAM LAMINATE LAV LAVATORY

MAX MAXIMUM MB MARKER BOARD MECH MECHANICAL MTL METAL MIN MINIMUM MO MASONRY OPENING

NIC NOT IN CONTRACT NO NUMBER NOM NOMINAL

MST MOSAIC TILE

MTB MOSAIC TILE BASE

NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OH OVERHEAD

PT PAINT PL PLATE

W/O WITHOUT WB WOOD BASE WC WATER CLOSET WD WOOD WH WATER HEATER WOM WALK OFF MAT

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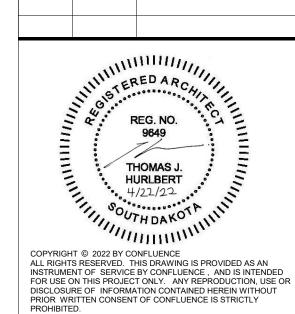
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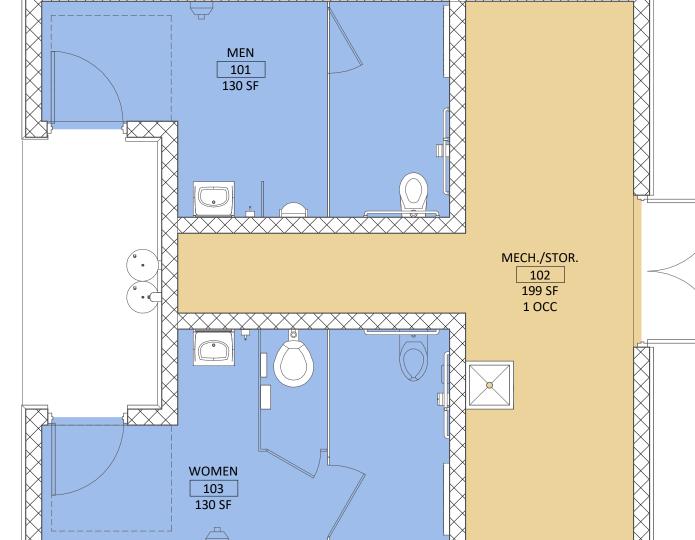
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REVISION SCHEDULE DESCRIPTION



PARK - GENERAL NOTES, CODE & ORIENTAION PLAN

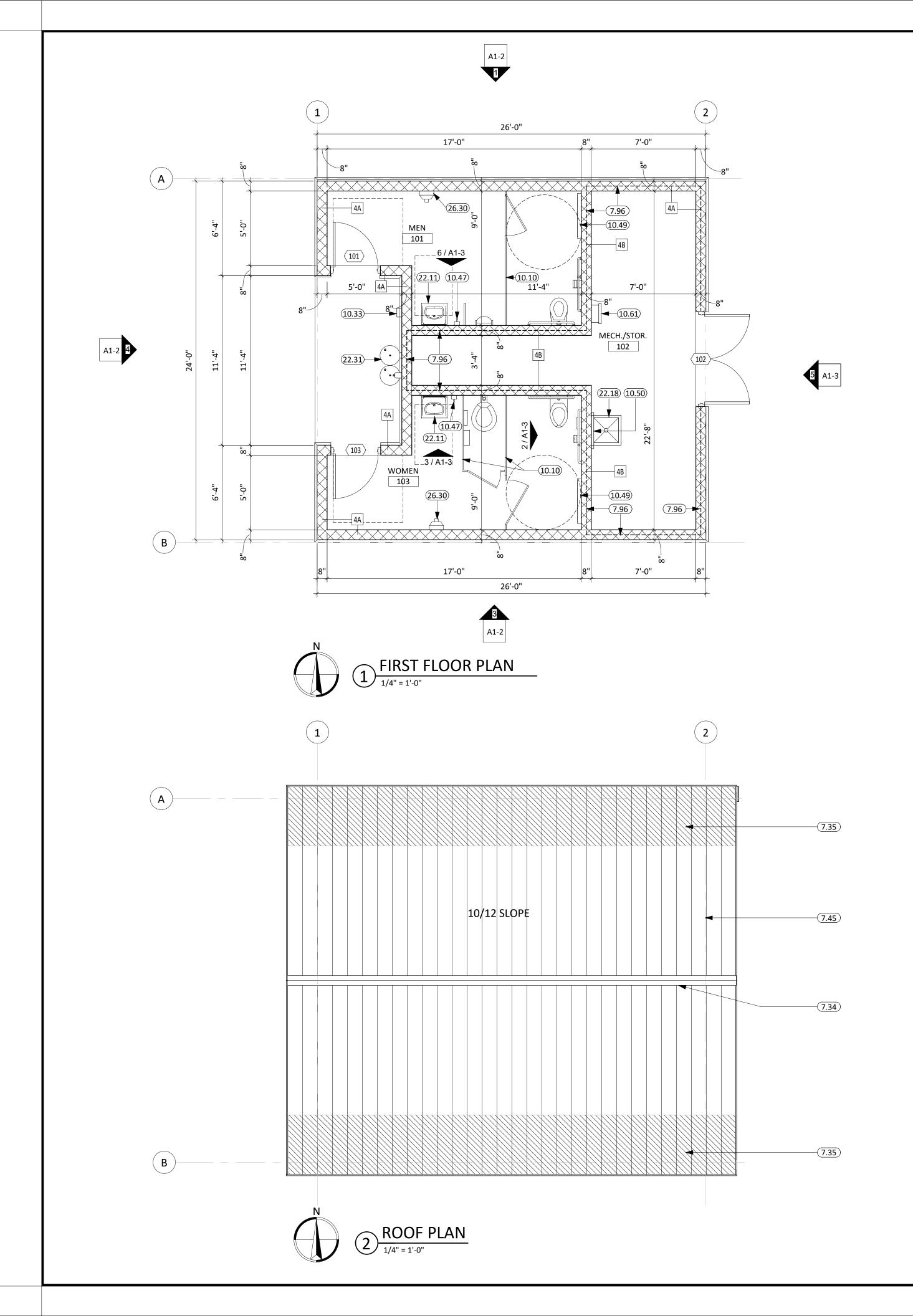
CONFLUENCE PROJECT # 21382





PARK - RESTROOM

A101 100'-0" ? **KEYNOTE TAG (** 0 **GRID SYMBOL** DOOR & FRAME TAG **GRID SYMBOL** WINDOW UNIT TAG **ROOM NAME, NUMBER, & SQUARE FOOTAGE ROOF TYPE TAG ROOM NAME & SQUARE FOOTAGE** WALL TYPE TAG 1i INTERIOR ELEVATION REFERENCE FLOOR TYPE TAG DETAIL NUMBER / DRAWING SHEET **EXTERIOR BUILDING ELEVATIONS CENTER LINE** ELEVATION / DRAWING SHEET **NORTH ARROW**



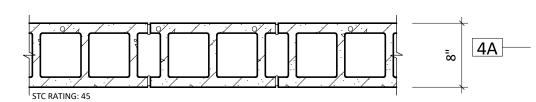
GENERAL NOTES

- 1. SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.O.N. SET FLOOR DRAINS MIMIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.
 - PROVIDE FIRE EXTINGUISHERS AND CABINETS AS SHOWN ON THE PLAN(S). REFER TO SHEET <u>A0-0</u> FOR ADA STANDARDS.
 - . ALL DIMENSIONS ARE FROM FACE OF CMU TO FACE OF CMU UNLESS OTHERWISE NOTED.
- ALL WALL TYPES TO EXTEND TO DECK UNLESS OTHERWISE NOTED ON WALL TYPES.
 COORDINATE WORK DONE BY OTHERS AS INDICATED ON THE DRAWINGS
 COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL
- COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT A EXPOSED MECHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
 COORDINATE ALL SHEAR WALL LOCATIONS W/ STRUCTURAL PLANS.
- 9. THE AIR & MOISTURE WEATHER BARRIER IS TO BE CONTINUOUS FROM THE BASE OF THE WALLS UP TO & TYING INTO THE ROOF BARRIER SYSTEM.
- 10. GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALL STEEL ANGLES AND LINTELS AS NECESSARY FOR ALL DOOR OPENINGS (SEE STRUCTURAL FOR SIZE AND TYPE AND ADDITIONAL COORDINATION AND INSTRUCTION).
- 11. SIGNAGE TO BE PROVIDED AND INSTALLED BY G.C. AT EACH DOOR LOCATION AS INDICATED ON THE DRAWINGS.
- 12. STANDING SEAM METAL ROOF CONTRACTOR MUST PROVIDE CURBS, BOOTS AND ALL FLASHING FOR ALL PENETRATIONS PER THE STANDING SEAM MANUFACTURER.

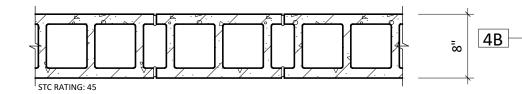
	KEYNOTE SCHEDULE				
7.34	METAL RIDGE VENT (PROVIDE ALL REQ. TRIM & FLASHING)				
7.35	ICE AND WATER SHEILD FROM EAVE TO 4'-0" UP ROOF, AS INDICATED ON ROOF PLAN				
7.45	STANDING SEAM METAL (PROVIDE ALL REQ. TRIM & FLASHING)				
7.96	FILL CMU VOIDS BLOCKS W/INSULATION TO ACHIEVE MIN. R-21				
10.10	TOILET PARTITION, BASIS OF DESIGN SCRANTON HINY HIDERS				
10.33	PROVIDE AND INSTALL A KNOX BOX OR LOCK BOX COORDINATE W/CITY				
10.47	SOAP DISPENSER, BASIS OF DESIGN BOBRICK B-2111				
10.49	CHANGING TABLE, BASIS OF DESIGN BOBRICK KB110-SSWM				
10.50	MOP & BROOM HOLDER				
10.61	FIRE EXTINGUISHER AND WALL CABINET				
22.11	LAVATORY				
22.18	MOP SINK				
22.31	PROVIDE AND INSTALL HIGH LOW WATER BUBBLER & BOTTLE FILLER (SEE M/E FOR ADD. REQ.)				
26.30	ELECTRIC HAND DRYER				

ROOM FINISH SCHEDULE							
RM#	NAME	FLR FIN.	BASE FIN.	WALL FIN.	CLG FIN.	CLG HT.	NOTES
101	MEN	EPOXY FLOOR COATING W/DEC. SPEC.	EPOXY FLOOR COATING W/DEC. SPEC.	P1	FRP BOARD	10'-0 1/2"	
102	MECH./STOR.	CONCRETE W/FLR. HARDENER	VIN.	P1	FRP BOARD	10'-0 1/2"	
103	WOMEN	EPOXY FLOOR COATING W/DEC. SPEC.	EPOXY FLOOR COATING W/DEC. SPEC.	P1	FRP BOARD	10'-0 1/2"	

WALL TYPE 4 (DIVISION 4 - MASONRY)



- 8" CMU BURNISHED BLOCK EXTERIOR CMU BLOCK INTERIOR
- BLOCK SIZING 8" X 8" X 16"
- G.C. TO SEAL CMU BURNISHED BLOCK (EXTERIOR) PAINT CMU BLOCK INTERIOR

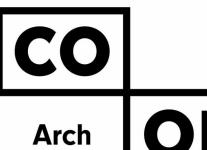


- 8" CMU BLOCK
- BLOCK SIZING 8" X 8" X 16"
- G.C. PAINT CMU BLOCK INTERIOR

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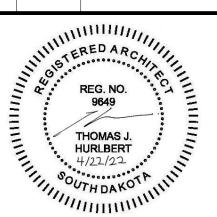
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COLUMBIA PARK AND BALLFIELD

2022.04.22

REVISION SCHEDULE

ISSUE DATE DESCRIPTION



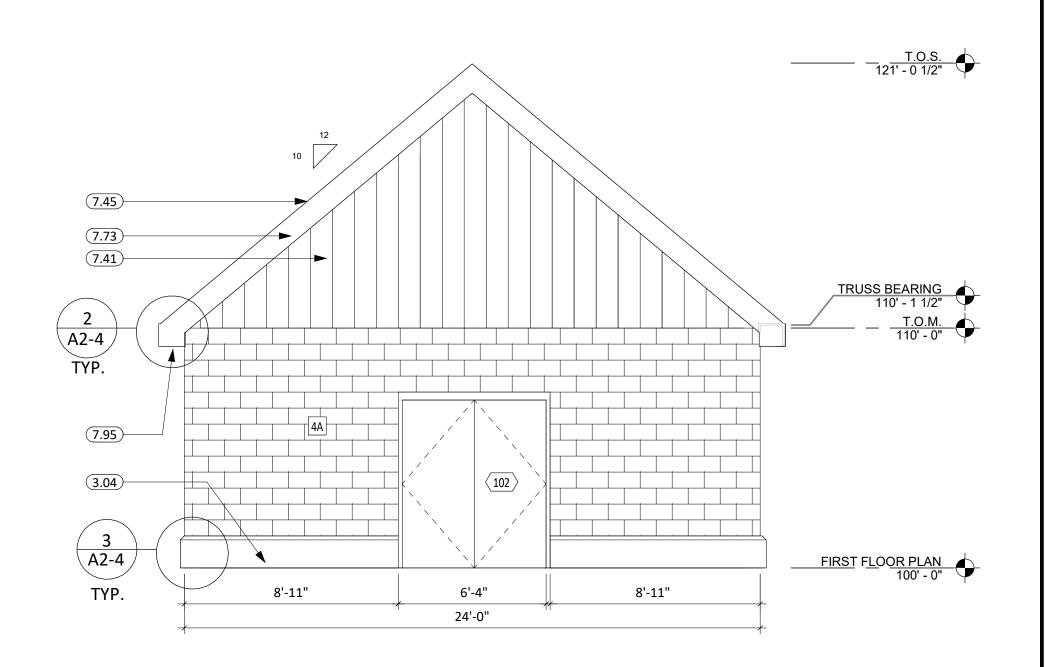
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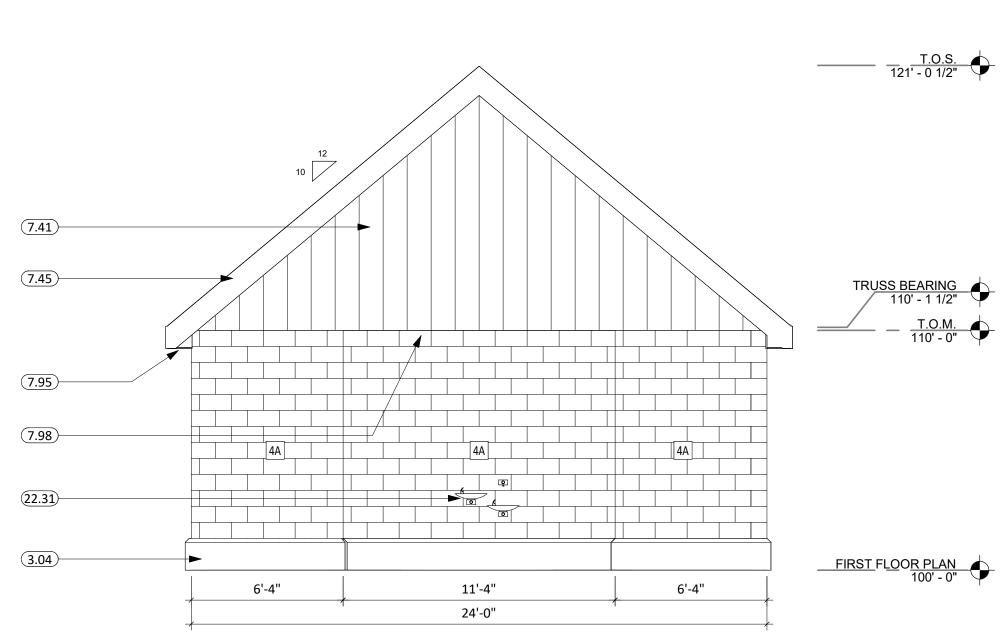
PARK - FIRST FLOOR PLAN, ROOF PLAN

CONFLUENCE PROJECT # 21382

A1-1

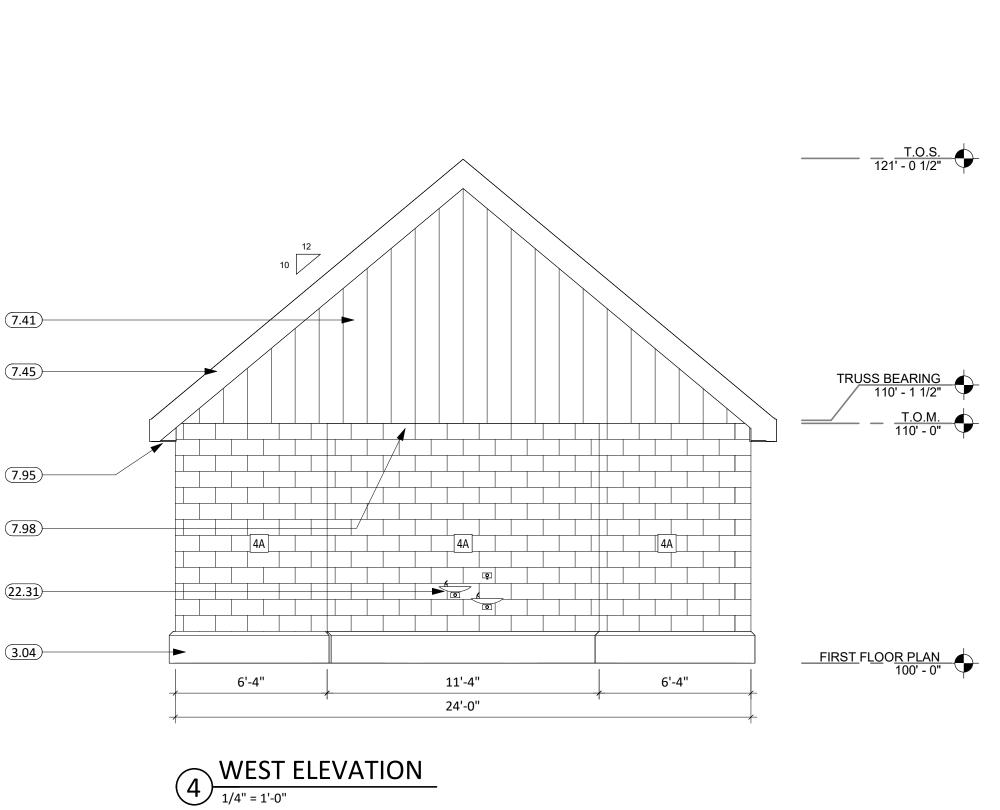
KEYNOTE SCHEDULE CONT. CONC. FOUNDATION WALL (SEE STRUCTURAL PLANS) METAL RIDGE VENT (PROVIDE ALL REQ. TRIM & FLASHING) METAL WALL PANELS (PROVIDE ALL REQ. TRIM & FLASHING) STANDING SEAM METAL (PROVIDE ALL REQ. TRIM & FLASHING) PRE-FINISHED METAL FASCIA PROVIDE AND INSTALL PRE-FINISHED METAL VENTED SOFFIT PANELS METAL SOFFIT PANELS (ATTACH LUX PANELS TO RC-1 HAT CHANNEL INSTALLED PERPENDICULAR TO WOOD 2 X 6 @ 16" O.C. - ATTACH END CAP TO LUX PANELS AT INTERSECTIONS) PROVIDE AND INSTALL HIGH LOW WATER BUBBLER & BOTTLE FILLER (SEE M/E FOR ADD. REQ.)

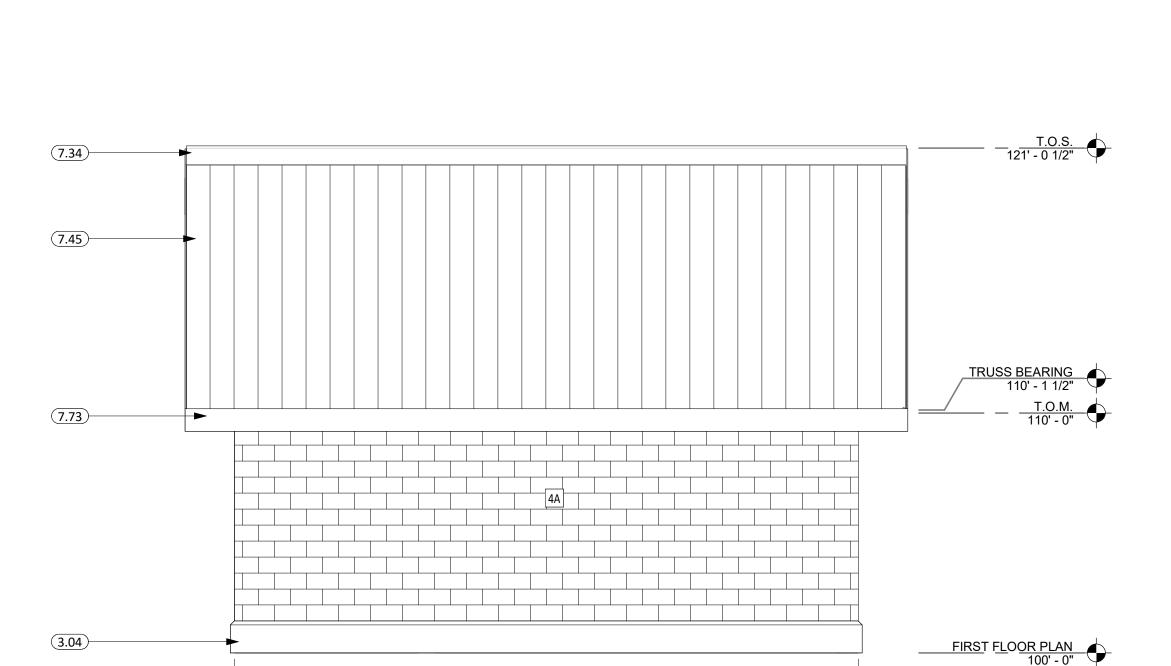




2 EAST ELEVATION

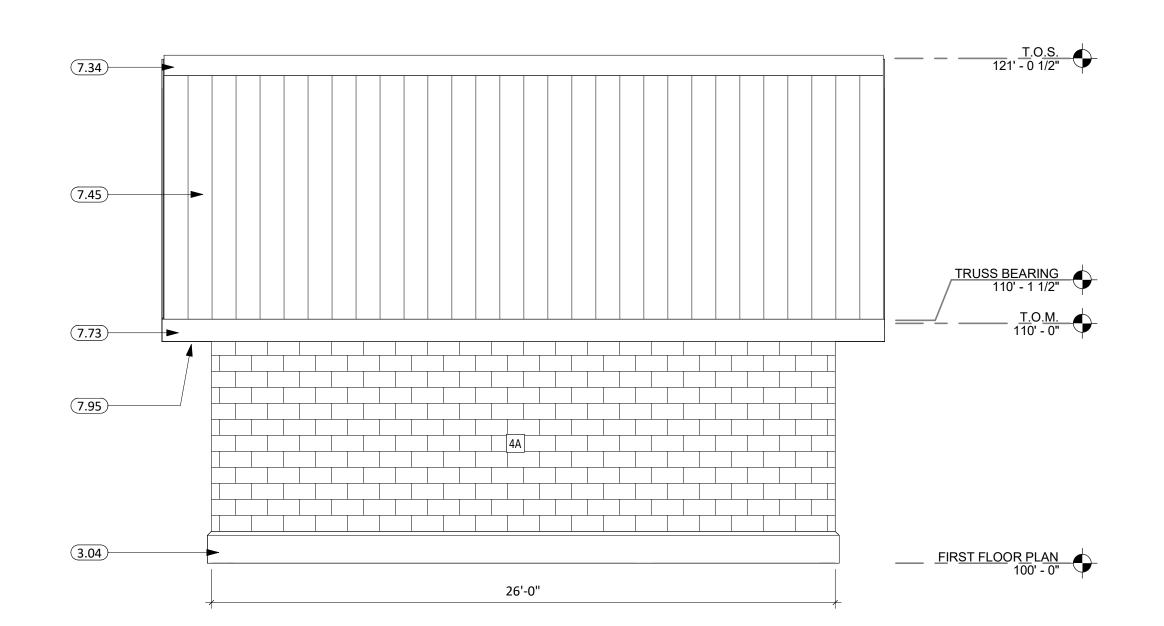
1/4" = 1'-0"





26'-0"

NORTH ELEVATION 1/4" = 1'-0"



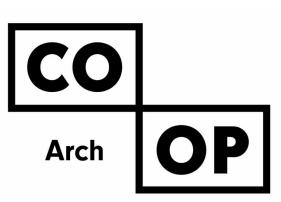
SOUTH ELEVATION

1/4" = 1'-0"

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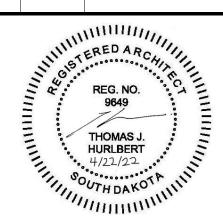
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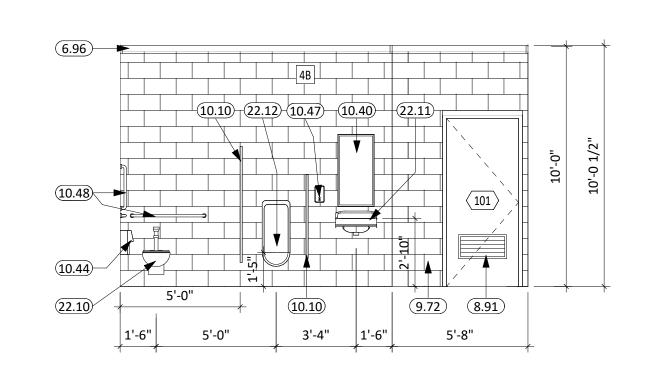


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PARK -EXTERIOR ELEVATIONS

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A1-2

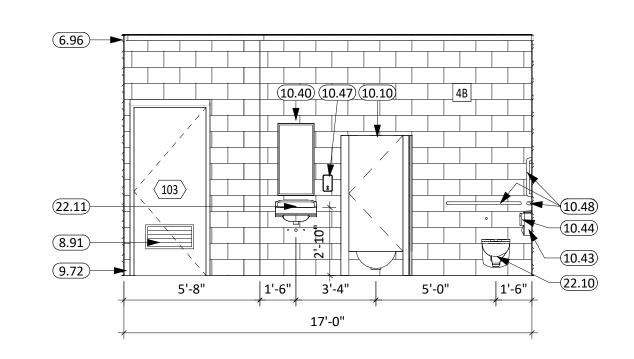


MEN'S 101 - SOUTH

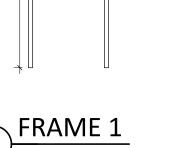
1/4" = 1'-0"

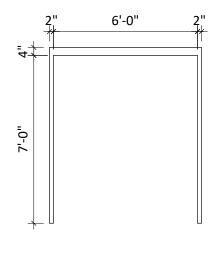
10.49 10.43 22.10 9.72 9'-0"

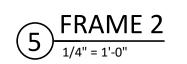
WOMEN'S 103 - EAST1/4" = 1'-0" MEN'S 101 - EAST (REVERSE - SIM.)

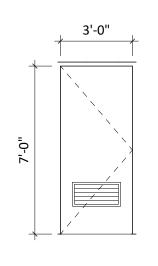


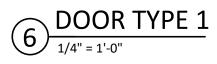
3 WOMEN'S 103 - NORTH

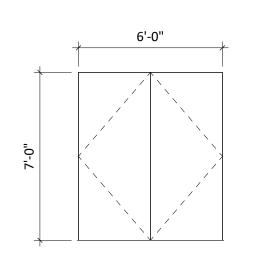












$\overline{7}$	DOOR	TYPE 2
	1/4" = 1'-0"	

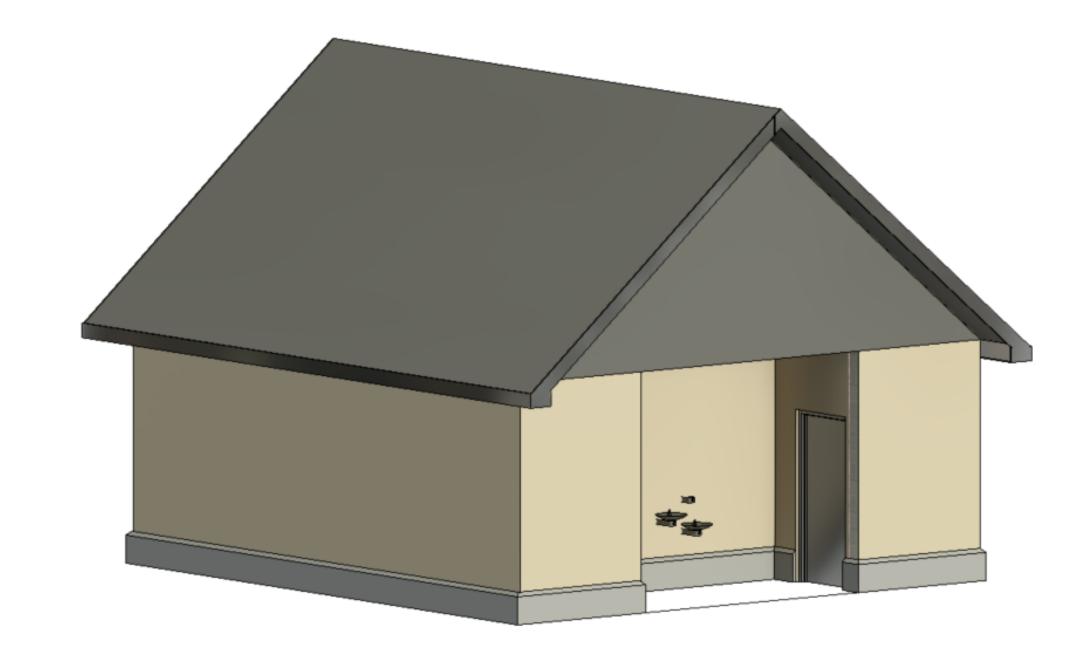
DOOR & FRAME SCHEDULE DOOR DOOR FRAME HARDWARE TYPE GROUP MAT'L TYPE QTY MAT'L ADDITIONAL NOTES 7' - 0" 0' - 1 3/4" KEYED LOCKWET (PUSH/BULL & KICKPLATES) -12" X 24" LOUVER W/BUG SCREEN ABOVE KICK PLATE; SEE 4 & 5/A2-4 6' - 0" 7' - 0" 0' - 1 3/4" HM KEYED LOCKSET W/KICK PLATE; SEE 4 & 5/A2-4 2 3 3' - 0" 7' - 0" 0' - 1 3/4" НМ HM KEYED LOCKSET W/KICK PLATE; SEE 4 & 5/A2-4 1

10.49

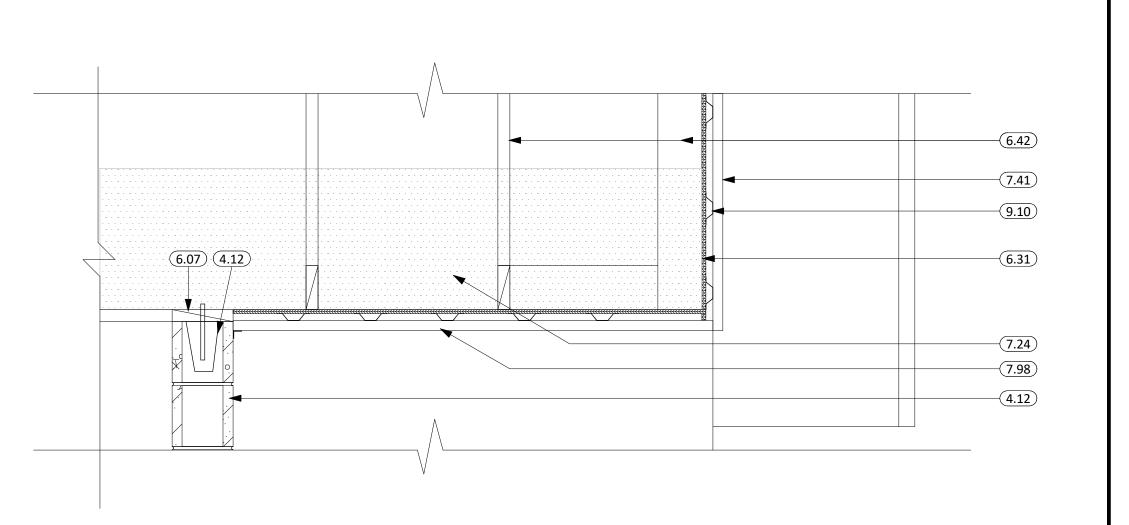
22.11

WATER CLOSET

LAVATORY URINAL



8 NORTHWEST 3D PERSPECTIVE



9 WALL SECTION @ METAL PANEL

NOTE: DETAIL SIMILAR FOR CONCESSIONS BUILDING

GENERAL NOTES

REFER TO SPECIFICATIONS FOR CEILING AND FIXTURE SUSPENSION REQUIREMENTS. PROVIDE ACCESS DOORS AT MECHANICAL UNIT LOCATIONS ABOVE CEILING. COORDINATE NUMBER REQUIRED AND LOCATIONS WITH MECHANICAL SHEETS. CENTER LIGHT FIXTURES BETWEEN WALLS AND/OR CEILING BULKHEADS UNLESS OTHERWISE DIMENSIONED. INTENDED TO BE COMPREHENSIVE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR

ADDITIONAL INFORMATION. NOTIFY ARCHITECT WHERE CONFLICTS OCCUR. POLY VAPOR BARRIER IS SANDWICHED BETWEEN BOTTOM CHORD OF ROOF TRUSS AND FRP

R-VALUE OF BLOWN INFULATION IN ATTIC SPACE IS ACHIEVED ONCE THICKNESS BLOWN IN REACHES R-49 MINIMUM.

KEYNOTE SCHEDULE

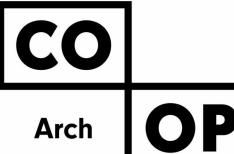
4.12	CMU BURNISHED MASONRY UNIT (SEE STRUCT. FOR ADD. REQ.)
6.07	2x WOOD BLOCKING
6.31	1/2" EXTERIOR SHEATHING
6.42	WOOD ROOF TRUSSES (SEE STRUCTURAL DRAWINGS FOR ADD. INFORMATION AND REQ.) (SHOP DRAWINGS REQ.)
6.96	1" X 4" PINE TRIM BOARD - PAINT TO MATCH WALL
7.24	BLOWN-IN INSULATION
7.41	METAL WALL PANELS (PROVIDE ALL REQ. TRIM & FLASHING)
7.98	METAL SOFFIT PANELS (ATTACH LUX PANELS TO RC-1 HAT CHANNEL INSTALLED PERPENDICULAR TO WOOD 2 X 6 @ 16" O.C ATTACH END CAP TO LUX PANELS AT INTERSECTIONS)
8.91	24" X 12" LOUVER W/INSECT SCREEN ABOVE KICK PLATE
9.10	7/8" FURRING CHANNEL
9.72	EPOXY FLOOR COVERING @ 1'-4" O.F.F - (TYP.)
10.10	TOILET PARTITION, BASIS OF DESIGN SCRANTON HINY HIDERS
10.40	MIRROR w/SS TRIM, BASIS OF DESIGN BOBRICK B-165
10.43	SANITARY NAPKIN DISPOSAL, BASIS OF DESIGN BOBRICK B-254
10.44	TOILET TISSUE DISPENSER, BASIS OF DESIGN BOBRICK B-265
10.47	SOAP DISPENSER, BASIS OF DESIGN BOBRICK B-2111
10.48	GRAB BAR

CHANGING TABLE, BASIS OF DESIGN BOBRICK KB110-SSWM

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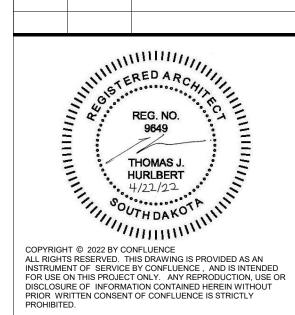
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olumbia,

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REVISION SCHEDULE



PARK - INTERIOR ELEVATIONS

CONFLUENCE PROJECT # 21382

A1-3

GENERAL NOTES

CASEWORK NOTES

- PROVIDE FIRE EXTINGUISHERS AND CABINETS AS SHOWN ON THE PLAN(S).
- SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
- REFER TO SHEET A0-0 FOR ALL ADA CODE STANDARDS. SQUARE FOOTAGES LISTED ARE FOR CODE REVIEW PURPOSES ONLY AND SHOULD NOT BE
- USED FOR ANY OTHER PURPOSES.
- COORDINATE WORK DONE BY OTHERS AS INDICATED ON THE DRAWINGS. • CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, ELEVATIONS AND DIMENSIONS.
- ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH
- ANY APPROPORIATE SAFETY REGULATIONS. • THE CONTRACTOR SHALL CONSTRUCT ALL ITEMS WITHIN THIS CONTRACT IN ACCORDANCE
- WITH THE STATE AND LOCAL REGULATIONS AND CODES. REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.
- COORDINATE WITH CODE STANDARD SHEET A0-0.
- COORDINATE ANY EXTERIOR REQUIRED WORK WITH MECH. & ELECTRICAL. • COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL
- EXPOSED MACHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.

• COORDINATE ALL SHEAR WALL LOCATIONS W/ STRUCTURAL PLANS.

- SEE FLOOR PLAN FOR CASE WORK PLAN INFORMATION. SEE INTERIOR ELEVATIONS FOR
- ADDITIONAL CASEWORK INFORMATION. FIELD VERIFY ALL CASEWORK OPENINGS. PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN SPACES AT MIN. OF 32" O.C. AND MAX. OF 48" O.C.
- COORDINATE DEVICE PENETRATIONS AT COUNTERTOPS W/ MECHANICAL & ELECTRICAL. PROVIDE ONE GROMENT FOR EVERY 8' OF COUNTERTOP WITHOUT CASEWORK BELOW. COORDINATE INSTALLATION LOCATION WITH OWNER.

CEILING NOTES

- ALL ITEMS INSTALLED IN CEILINGS, ARE TO BE CENTERED OR SYMMETRICALLY ARRANGED ON OR ABOUT CENTERLINES OF ROOMS AND CENTERED IN CEILING TILES.
- WALL MOUNTED EXIT SIGNS AND FIXTURES ARE TO BE CENTERED OVER DOOR OR DOOR OPENING WHERE APPLICABLE.
- REFER TO SPECIFICATIONS FOR CEILING AND FIXTURE SUSPENSION REQUIREMENTS. • PROVIDE ACCESS DOORS AT ALL MECHANICAL UNIT LOCATIONS ABOVE SOFFIT. COORD.
- NUMBER REQUIRED AND LOCATIONS WITH MECHANICAL SHEETS. THE REFLECTED CEILING PLANS ARE INTENDED TO AID IN COORDINATION ONLY AND ARE NOT
- INTENDED TO BE COMPREHENSIVE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. WHERE CONFLICTS OCCUR, NOTIFY ARCHITECT.
- COORDINATE WITH MEP FOR LOCATION OF CEILING ACCESS PANELS.
- CENTER LIGHT FIXTURES BETWEEN WALLS AND/OR CEILING BULKHEADS UNLESS DIMENSIONED OTHERWISE.

DOORS, HARDWARE & WINDOWS NOTES

- ALL EXTERIOR FRAMES & DOORS ARE TO BE THERMALLY BROKEN.
- CAULK ENTIRE PERIMETER OF H.M. FRAMES (BOTH SIDES).
- PAINT FRAMES TO MATCH WALL. SPLIT PAINT COLOR AT DOOR GASKET AS REQUIRED.

• ALIGN GYPSUM BOARD CEILINGS AND SOFFITS WITH ADJACENT PARTITIONS, U.N.O.

- PROVIDE ROOM SIGNAGE AT ALL DOORS. SEE CODE STANDARDS FOR MOUNTING HEIGHTS AND LOCATIONS. SEE SPECIFICATIONS FOR SPECIAL SIGNAGE REQ.
- REFER TO WALL TYPES FOR WALL CONSTRUCTION ELEMENTS FOR ALL DOOR AND WINDOW DETAILS. COORDINATE ALL STRUCTURAL REQ. WITH STRUCTURAL DRAWINGS.
- WALL MOUNTED EXIT SIGNS AND FIXTURES ARE TO BE CENTERED OVER DOOR OR DOOR OPENING WHERE APPLICABLE.

FINISHES NOTES

BALLPARK - CONCESSION/RESTROOM

- ALL CMU WALL BLOCK TO BE SEALED AS PER THE MANUFACUTER'S RECOMMENDATIONS FOR BOTH INTERIOR AND EXTERIOR BLOCK WALLS.
- ALL CONCRETE INTERIOR FLOOR SLABS TO BE TROWLED AND SEALED AS PER THE CAST IN PLACE CONCRETE MANUFACTURER'S RECOMMENDATIONS.

FLOOR NOTES

• SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM 3/4" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF 1/4" PER FOOT.

ROOF NOTES

- SEE CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
- ALL THRU ROOF PENETRATION BOOTS IN ROOF SYSTEM ARE TO BE PROVIDED.
- COORDINATE ROOF PENETRATIONS WITH MECHANICAL, ELECTRICAL, AND PLUBMING CONTRACTORS.
- DIMENSIONS AND LOCATIONS OF EQUIPMENT ON THE ROOF ARE APPROX., DO NOT SCALE THE DRAWINGS. VERIFY WITH APPLICABLE TRADES.

SITE NOTES

 SEE SITE PLAN FOR ADDITIONAL INFORMATION REGARDING CONSTRUCTION LIMITS, STAGING, LAWN IRRIGATION, SOD & LANDSCAPING.

WALL NOTES

- ALL WALLS TO BE TYPE #1A & TYPE #1B U.N.O. AND EXTEND TO RAFTER BEARING HEIGHT AS INDICATED ON DRAWINGS.
- ALL DIMENSIONS ARE FROM FACE TO FACE U.N.O.
- COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MACHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.

FIXTURES NOTES

- CAULK PERIMETER OF ALL TUB/SHOWER UNITS, TOILETS, URINALS, SINKS & COUNTERTOPS AS REQUIRED.
- REVIEW ALL INTERIOR ELEVATION SHEETS FOR ACCESSORY AND EQUIPMENT INFORMATION.

1. BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE

BUILDING AREA: 933 S.F.

APPLICABLE CODES

NUMBER OF STORIES: 1

BUILDING SPRINKLER: NO

USE AND OCCUPANCY CLASSIFICATION (CHAPTER 3)

1. OCCUPANCY CLASSIFICATION: • GROUP A-5

TYPES OF CONSTRUCTION (CHAPTER 6) TYPE II-B CONSTRUCTION

ACCESSIBILITY (CHAPTER 11)

1. ACCESSIBLE ELEMENTS HAVE BEEN INCORPORATED INTO THE DOCUMENTS

ABBREVIATIONS

BUILDING CODE SUMMARY

```
A/C AIR CONDITION
                                        FFE FINISHED FLOOR ELEVATION
AB ANCHOR BOLT
                                        FF FINISHED FLOOR
ACPL ACOUSTICAL PLASTER
                                        FLR FLOOR
ADJ ADJUSTABLE
                                        FRP FIBERGLASS REINFORCED PANEL
AFF ABOVE FINISH FLOOR
                                        FT FOOT
AHU AIR HANDELING UNIT
                                        FTG FOOTING
ALUM ALUMINUM
                                        FWC FABRIC WALL COVERING
ALT ALTERNATE
ANC ANCHOR
APC ACOUSTICAL PANEL CEILING
                                        GALV GALVANIZED
                                        GB GRAB BAR
                                        GC GENERAL CONTRACTOR
    BOTTOM OF CURB
                                        GLAZ GLAZED BLOCK
 BD BOARD
                                        GWB GYPSUM WALL BOARD
                                        GWT GLAZED WALL TILE
 BLDG BUILDING
BLKG BLOCKING
                                        GTB GLAZED WALL TILE BASE
BN BULLNOSE
B.O. BOTTOM OF
BOW BOTTOM OF WALL
                                        HB HOSE BIB
BRG BEARING
                                        HC HANDICAPPED
BRL BRICK LEDGE
                                        HLB HORIZONTAL LOUVER BLINDS
BURN BURNISHED BLOCK
                                        HM HOLLOW METAL
                                        HPC HIGH PERFORMANCE COATING
                                       HT HEIGHT
                                    2022H04C22HEATING, VENTING & AIR CONDITIONING
CG CORNER GUARD
CJ CONTROL JOINT
CLG CEILING
CMU CONCRETE MASONRY UNIT
                                        ID INSIDE DIAMETER
COL COLUMN
                                        INSL INSULATION
COMP COMPARTMENT
                                        INT INTERIOR
CONC CONCRETE
CONSTRUCTION
CONT CONTINUOUS OR CONTINUE
                                        JBE JOIST BEARING ELEVATION
CONTR CONTRACTOR
                                        JST JOIST
CPT CARPET
                                        JT JOINT
CSV COVE SHEET VINYL BASE
CT CERAMIC TILE
CTB CERAMIC TILE BASE
                                        LAM LAMINATE
                                        LAV LAVATORY
DBL DOUBLE
DIA DIAMETER
                                        MAX MAXIMUM
DIM DIMENSION
                                        MB MARKER BOARD
DEMO DEMOLITION
                                        MECH MECHANICAL
DET DETAIL
                                        MTL METAL
                                        MIN MINIMUM
DF DRINKING FOUNTAIN
                                        MO MASONRY OPENING
DR DOOR
DS DOWNSPOUT
                                        MST MOSAIC TILE
                                        MTB MOSAIC TILE BASE
DW DISH WASHER
DWG DRAWING
                                        NIC NOT IN CONTRACT
EA EACH
                                        NO NUMBER
EIFS EXTERIOR INSULATION FINISH SYSTEM
                                        NOM NOMINAL
                                        NTS NOT TO SCALE
EJ EXPANSION JOINT
ELEV ELEVATION
ELEC ELECTRIC
                                        OC ON CENTER
EQ EQUAL
                                        OD OUTSIDE DIAMETER
EQUIP EQUIPMENT
ES EXPOSED STRUCTURE
                                        OH OVERHEAD
EW EACH WAY
EWC ELECTRIC WATER COOLER
                                        PT PAINT
EXPO EXPOSED
```

PL PLATE

PLAS PLASTER

PLAM PLASTIC LAMINATE

EXIST EXISTING

FD FLOOR DRAIN

FDN FOUNDATION

FE FIRE EXTINGUISHER

FEC FIRE EXTINGUISHER CABINET

FBO FURNISHED BY OTHERS

EXT EXTERIOR

PSF POUNDS PER SQAURE FOOT PVT PAVER TILE PTB PAVER TILE BASE PWD PLYWOOD QUARRY TILE BASE QB QT QUARRY TILE RESILIENT BASE RB RD ROOF DRAIN REF REFRIDGERATOR RM ROOM RO ROUGH OPENING RST RESILIENT STAIR TREAD RT RUBBER TILE **RVB RUBBER VENTED BASE** SB SPLASH BLOCK SC-# SPECIAL COATING (COLOR #) SCONC SEALED CONCRETE SECT SECTION SIM SIMILAR SQ SQUARE SS STAINLESS STEEL STD STANDARD STL STEEL SV SHEET VINYL FLOORING SYM SYMETRICAL T&G TONGUE & GROOVE TB TACKBOARD TBD TO BE DETERMINED TC TOP OF CURB TERR TERRAZZO T.O. TOP OF TOC TOP OF CONCRETE TOF TOP OF FOOTING TOM TOP OF MASONRY TOO TOP OF OPENING TOP TOP OF PRECAST TOS TOP OF STEEL TOW TOP OF WALL TPD TOILET PAPER DISPENSER TS TALL STORAGE TV TELEVISION TYP TYPICAL UNO UNLESS NOTED OTHERWISE VCT VINYL COMPOSITION TILE VEND VENDING MACHINE VERT VERTICAL VTR VENT THRU ROOF VWB VINYL WALL BORDER VWC VINYL WALL COVERING W/ WITH

W/O WITHOUT

WB WOOD BASE WC WATER CLOSET

WH WATER HEATER

WOM WALK OFF MAT

WD WOOD

WT WEIGHT

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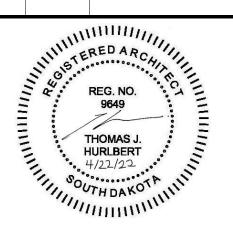
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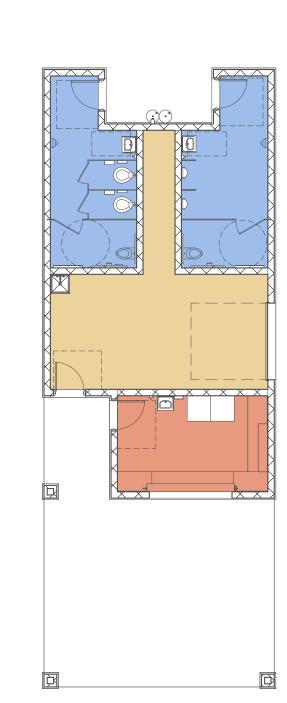
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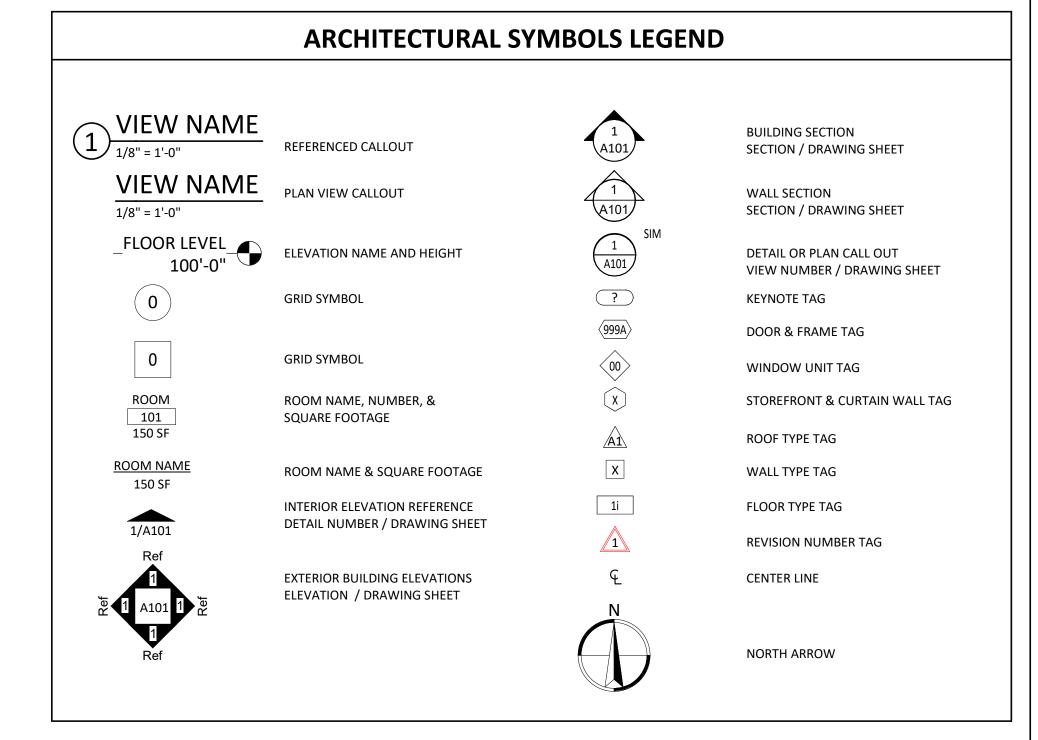


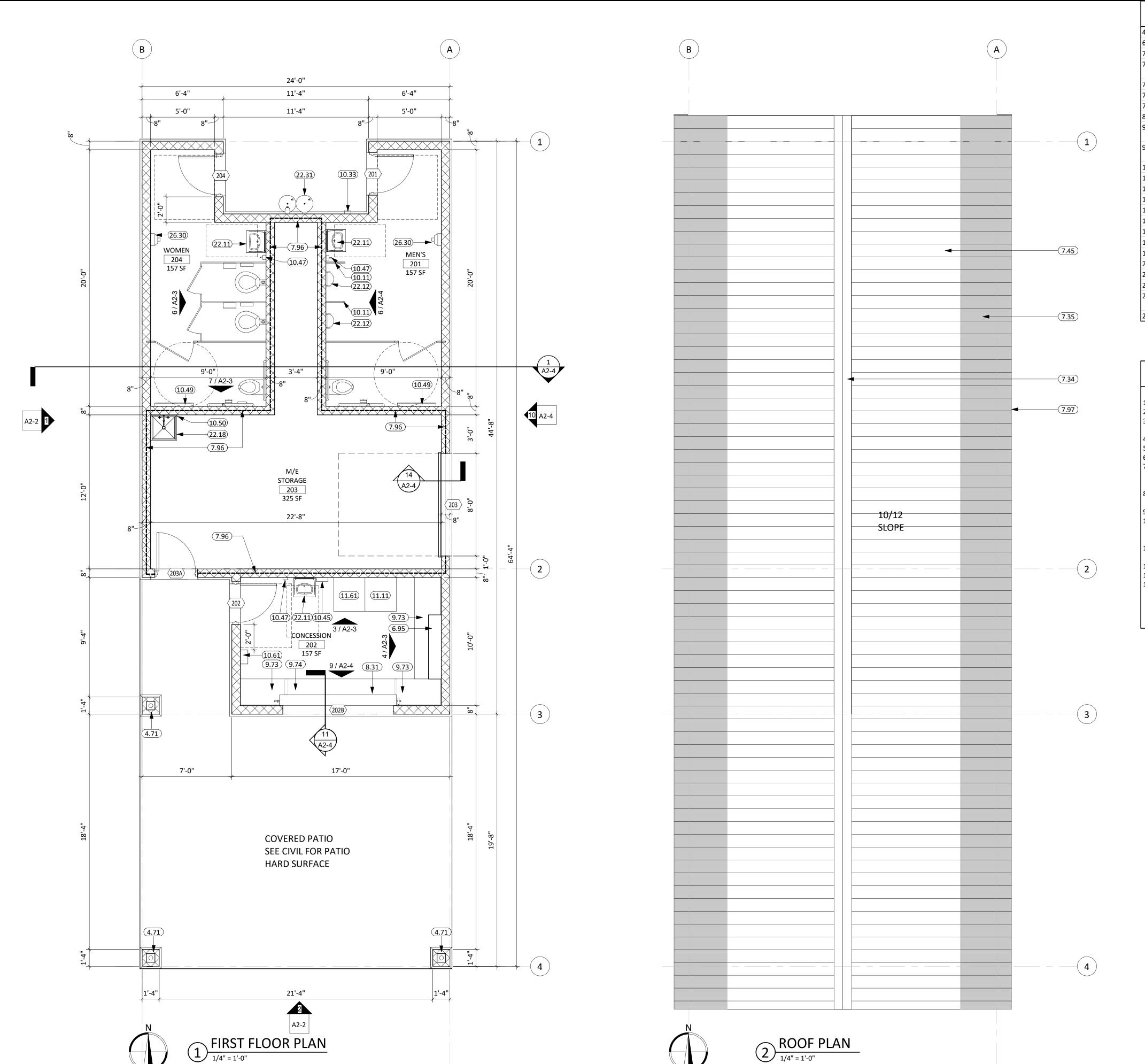
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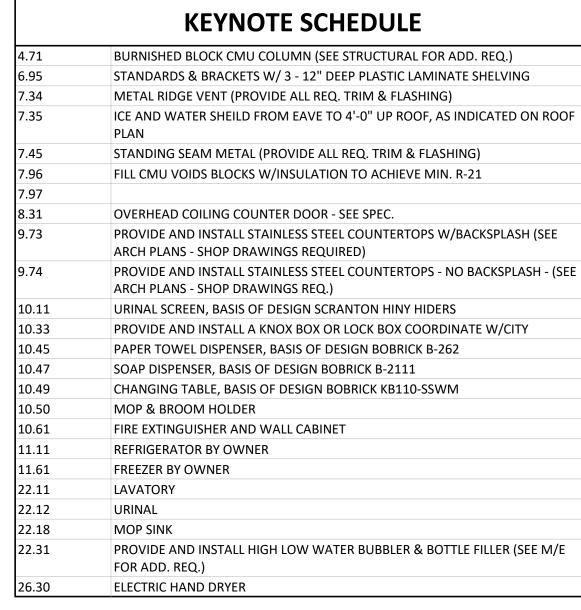
BALLFIELD - GENERAL NOTES, CODE & ORIENTAION PLAN

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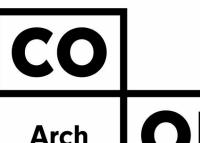
GENERAL NOTES

- 1. PROVIDE FIRE EXTINGUISHERS AND CABINETS AS SHOWN ON THE PLAN.
- REFER TO SHEET <u>A0-0</u> FOR ADA STANDARDS.
- . INTERIOR DIMENSIONS ARE FROM FACE OF CMU TO FACE OF CMU UNLESS OTHERWISE NOTED.
- ALL WALL TYPES TO EXTEND TO T.O.M. UNLESS OTHERWISE NOTED ON WALL TYPES.
- 5. EXTERIOR DIMENSIONS ARE FROM FACE OF CMU UNLESS OTHERWISE NOTED.
- 6. COORDINATE WORK DONE BY OTHERS AS INDICATED ON THE DRAWINGS.
- 7. SEE MECHANICAL FOR ALL FLOOR DRAIN SIZES AND LOCATIONS U.N.O. SET FLOOR DRAINS MINIMUM ¾" BELOW FINISHED FLOOR. PROVIDE EVEN SLOPE FROM WALL TO DRAIN W/ A MAXIMUM SLOPE OF ¼" PER FOOT.
- COORDINATE ALL CHASE SIZES AND LOCATIONS W/ MECHANICAL. PROVIDE CHASES AT ALL EXPOSED MECHANICAL & ELECTRICAL WITH ADJACENT WALL MATERIAL AS REQUIRED.
 COORDINATE ALL SHEAR WALL LOCATIONS W/ STRUCTURAL PLANS.
- 10. GENERAL CONTRACTOR TO SUPPLY AND INSTALL ALL STEEL ANGLES AND LINTELS AS NECESSAWRY FOR ALL DOOR OPENINGS. SEE STRUCTURAL FOR ADDITIONAL COORDINATION AND INSTRUCTIONS.
- 11. SIGNAGE TO BE PROVIDED AND INSTALLED BY G.C. AT EACH DOOR LOCATION AS INDICATED ON DRAWING A2-1. SEE A0-A FOR MOUNTING HEIGHTS.
- 12. ALL THROUGH ROOF PENETRATION BOOTS IN ROOF SYSTEM ARE TO BE PROVIDED.
- 13. COORDINATE ROOF PENETRATIONS WITH M/E, AND PLUMBING CONTRACTOR.
- 14. STANDING SEAM ROOF CONTRACTOR MUST PROVIDE CURBS, BOOTS, AND ALL FLASHINGS FOR ALL PENETRATIONS PER THE STANDING SEAM ROOF MANUFACTURER.

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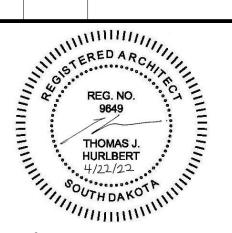
> COLUMBIA PARK AND BALLFIELD

olumbia

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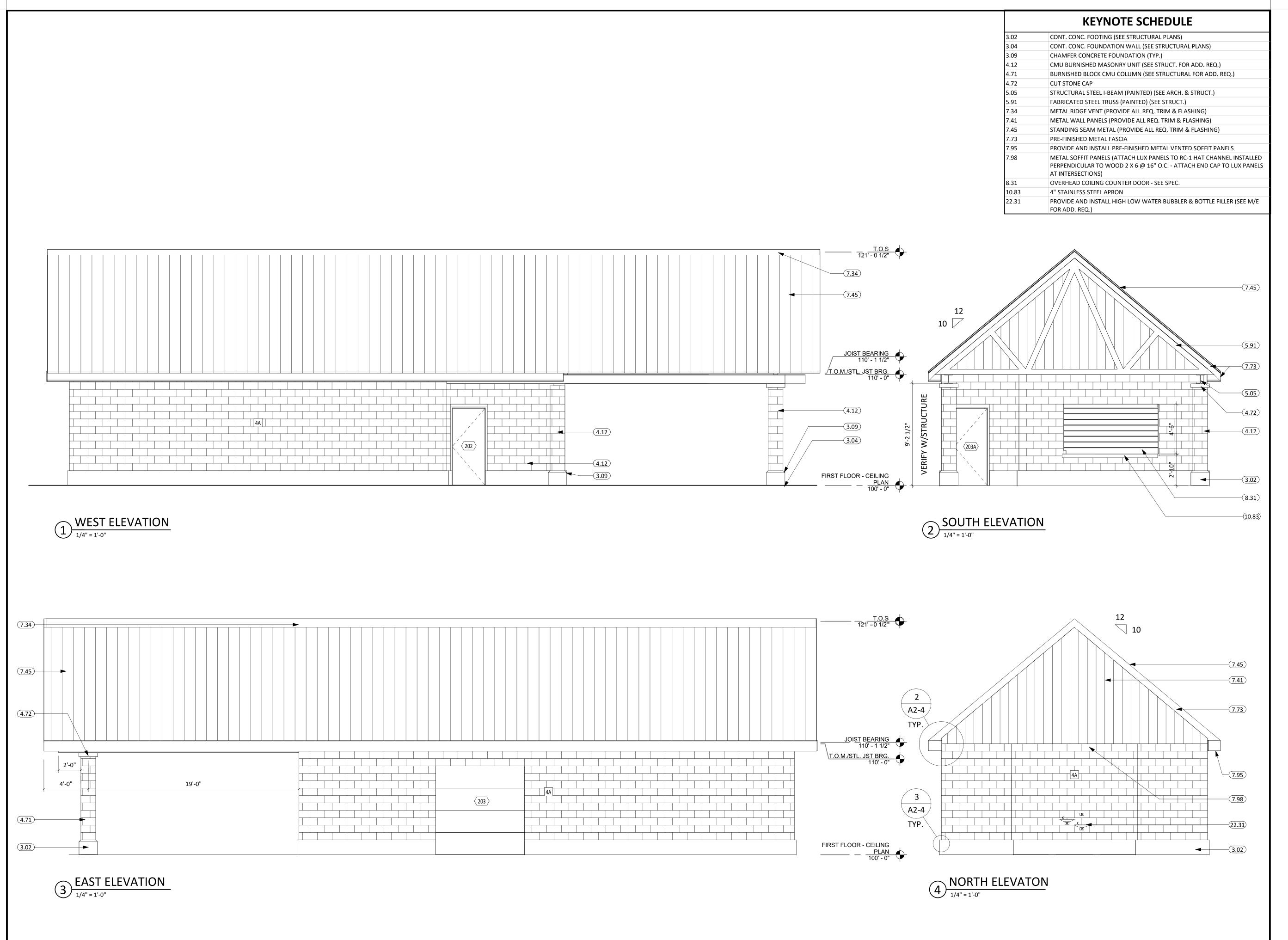
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BALLFIELD - FLOOR PLAN, ROOF PLAN

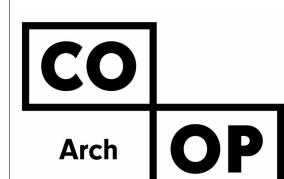
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COLUMBIA PARK AND BALLFIELD

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olumbia

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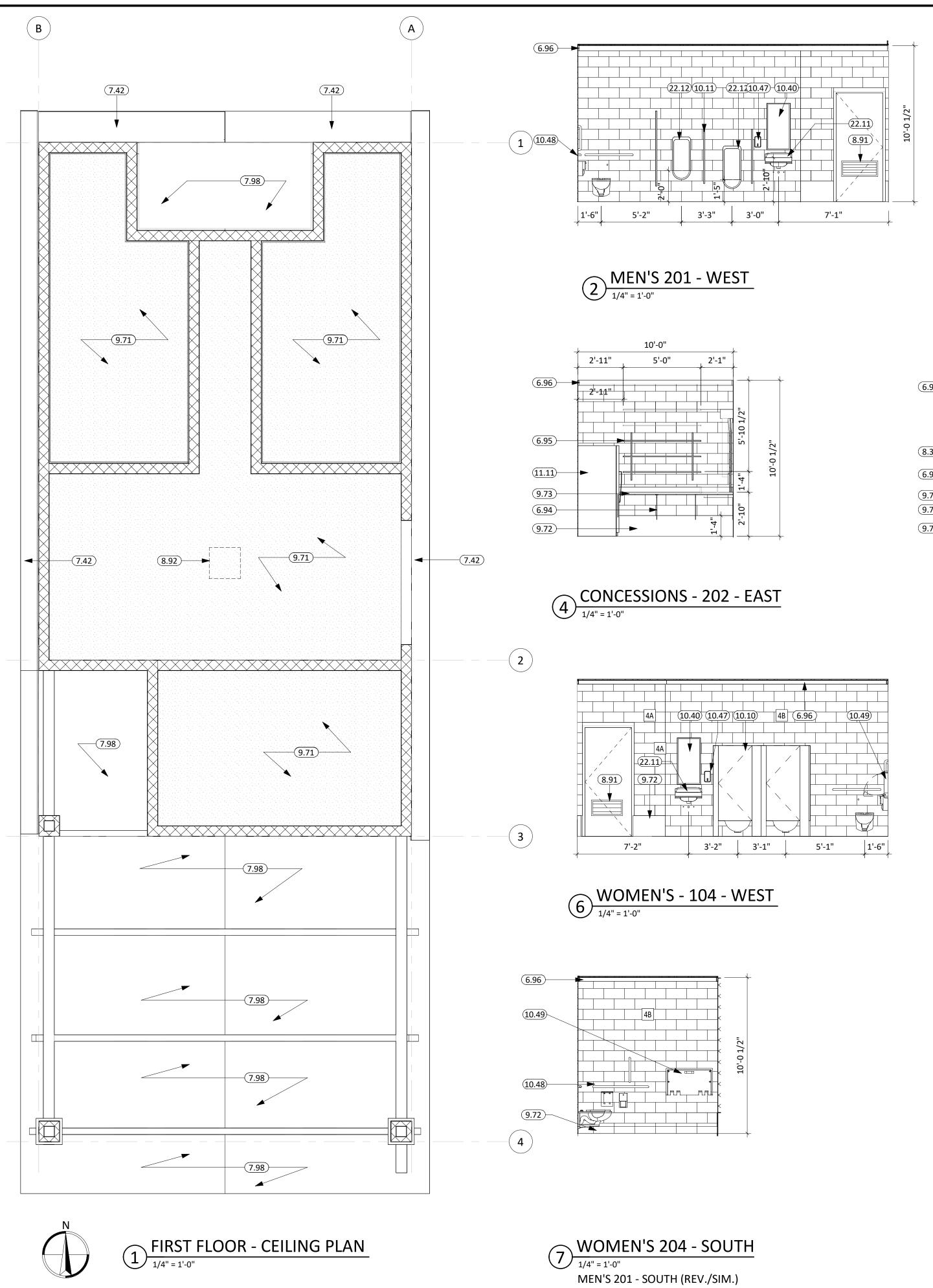
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REG. NO.
9649
THOMAS J.
HURLBERT
4/22/22

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BALLFIELD -EXTERIOR ELEVATIONS

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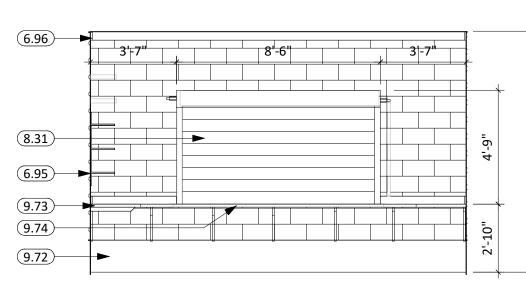


9.72 10.47 10.40 10.45 11.61 6.96 11.11 6.95

6.94 5'-0" 10'-8"

CONCESSIONS - 202 - NORTH

1/4" = 1'-0"



5 CONCESSIONS - 202 - SOUTH

GENERAL NOTES

- REFER TO SPECIFICATIONS FOR CEILING AND FIXTURE SUSPENSION REQUIREMENTS.
- PROVIDE ACCESS DOORS AT MECHANICAL UNIT LOCATIONS ABOVE CEILING. COORDINATE NUMBER REQUIRED AND LOCATIONS WITH MECHANICAL SHEETS.
- CENTER LIGHT FIXTURES BETWEEN WALLS AND/OR CEILING BULKHEADS UNLESS OTHERWISE
- THE REFLECTED CEILING PLANS ARE INTENDED TO AID IN COORDINATION ONLY AND ARE NOT INTENDED TO BE COMPREHENSIVE. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LIGHTING AND CEILING FAN LOCATIONS, AND ALL VENT, LOUVER AND PENETRATIONS LOCATIONS AND TYPES. NOTIFY ARCHITECT WHERE CONFLICTS OCCUR.
- POLY VAPOR BARRIER IS SANDWICHED BETWEEN BOTTOM CHORD OF ROOF TRUSS AND GYPSUM CEILING BOARD. (TYP.)
- R-VALUE OF BLOWN INSULATION IN ATTIC SPACE IS ACHIEVED ONCE THICHNESS OF BLOWN IN REACHES R-49 MINUMIM.

KEYNOTE SCHEDULE COUNTERTOP BRACKET STANDARDS & BRACKETS W/ 3 - 12" DEEP PLASTIC LAMINATE SHELVING 1" X 4" PINE TRIM BOARD - PAINT TO MATCH WALL VENTED METAL SOFFIT PANELS METAL SOFFIT PANELS (ATTACH LUX PANELS TO RC-1 HAT CHANNEL INSTALLED PERPENDICULAR TO WOOD 2 X 6 @ 16" O.C. - ATTACH END CAP TO LUX PANELS AT INTERSECTIONS) OVERHEAD COILING COUNTER DOOR - SEE SPEC. 24" X 12" LOUVER W/INSECT SCREEN ABOVE KICK PLATE

ACCESS DOOR & FRAME - COORDINATE WITH FRAMING AND M/E FRP PANELS EPOXY FLOOR COVERING @ 1'-4" O.F.F - (TYP.) PROVIDE AND INSTALL STAINLESS STEEL COUNTERTOPS W/BACKSPLASH (SEE ARCH PLANS - SHOP

DRAWINGS REQUIRED) PROVIDE AND INSTALL STAINLESS STEEL COUNTERTOPS - NO BACKSPLASH - (SEE ARCH PLANS - SHOP DRAWINGS REQ.)

TOILET PARTITION, BASIS OF DESIGN SCRANTON HINY HIDERS URINAL SCREEN, BASIS OF DESIGN SCRANTON HINY HIDERS MIRROR w/SS TRIM, BASIS OF DESIGN BOBRICK B-165

10.47 SOAP DISPENSER, BASIS OF DESIGN BOBRICK B-2111 10.48

PAPER TOWEL DISPENSER, BASIS OF DESIGN BOBRICK B-262

10.49 CHANGING TABLE, BASIS OF DESIGN BOBRICK KB110-SSWM REFRIGERATOR BY OWNER 11.61

FREEZER BY OWNER 22.11 LAVATORY URINAL

10.10

10.11

10.40

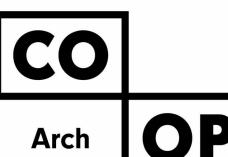
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8 SOUTHWEST 3D PERSPECTIVE

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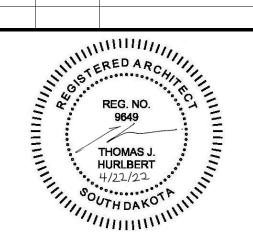


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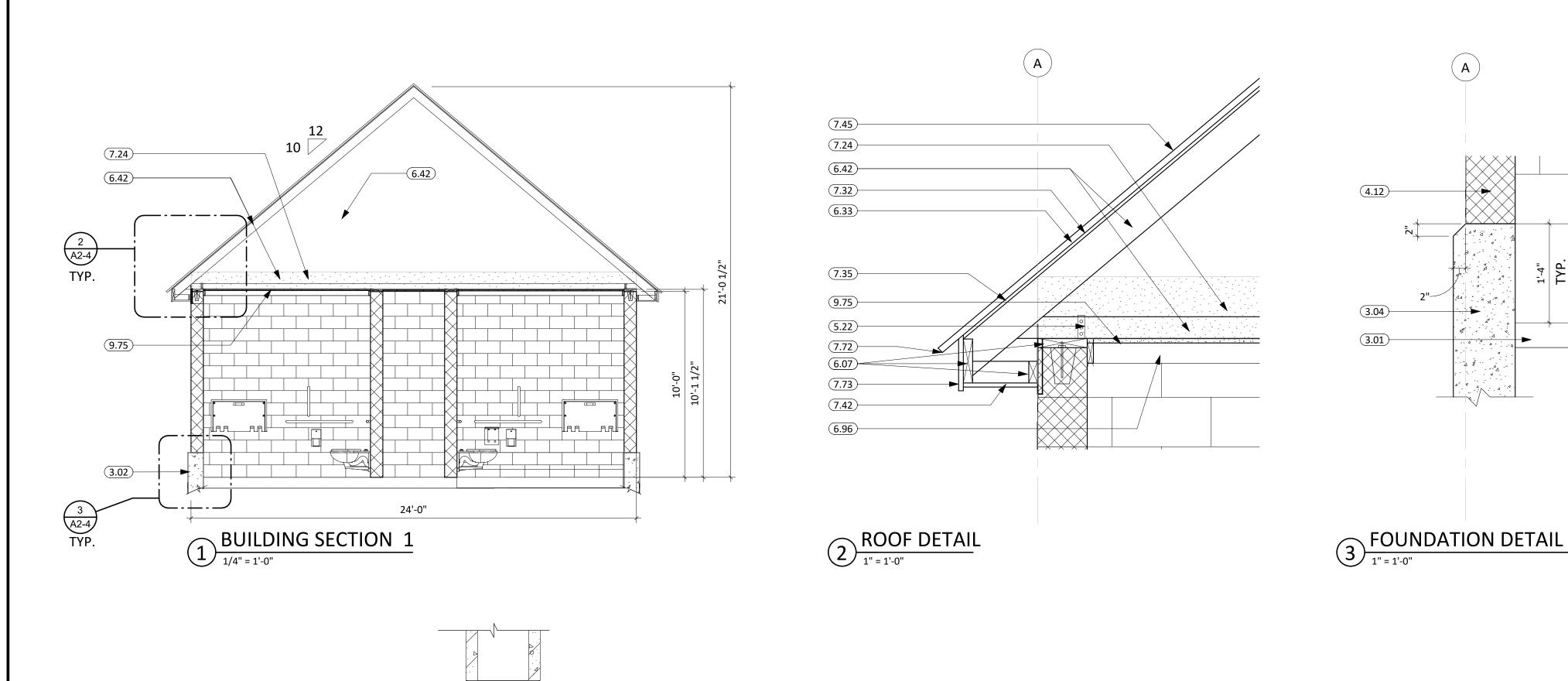
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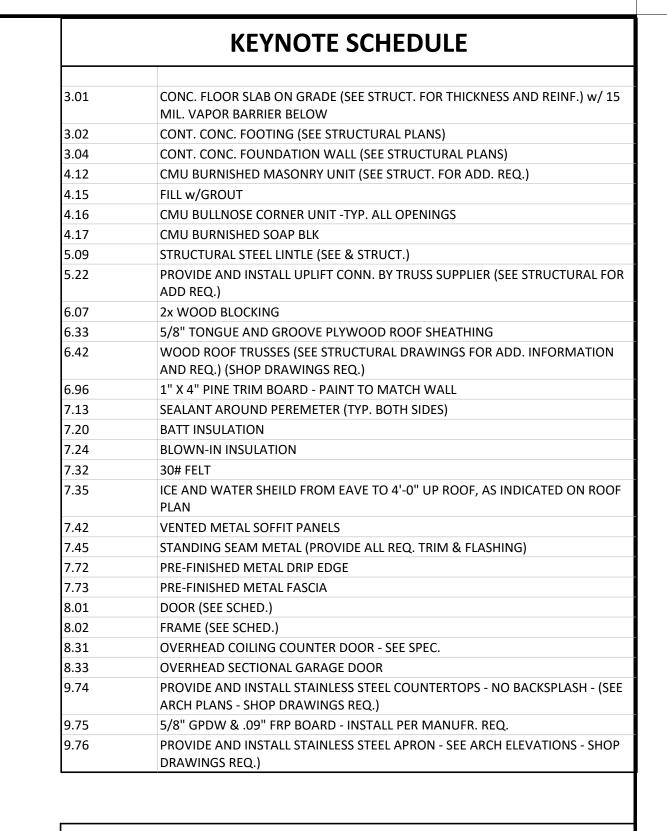


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BALLFIELD - INTERIOR ELEVATIONS, CEILING PLAN

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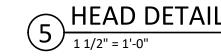




GENERAL NOTES

- SEE SITE PLAN FOR ADDITIONAL INFORMAWTION REGARDING CONSTRUCTION LIMITS, STAGING, LAWN IRRIGATION, SOD AND LANDSCAPING.
- SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION AND COORDINATION.
- ALL EXTERIOR FRAMES & DOORS ARE TO BE THERMALLY BROKEN.
- CAULK ENTIRE PERIMTER OF H.M. FRAMES (BOTH SIDES).
- PAINT H.M. FRAMES.
- PROVIDE ROOM SIGNAGE AT ALL DOORS. WHERE MOUNTED TO GLAZING, PROVIDE A BLANK BACK PLATE ON OPPOSIZE SIDE OF GLAZING. SEE CODE STANDARDS FOR MOUNTING HEIGHTS AND LOCATIONS. SEE SPECIFICATIONS FOR SPECIAL SIGNAGE REQUIREMENTS.
- REFER TO WALL TYPES FOR WALL CONSTRUCTION ELEMENTS FOR ALL DOOR. COORDINATE ALL STRUCTURAL REQ. WITH STRUCTURAL DRAWINGS.
- WALL MOUNTED EXIT SIGNS AND FIXTURES ARE TO BE CENTERED OVER DOOR OR DOOR OPENING WHERE APPLICABLE.

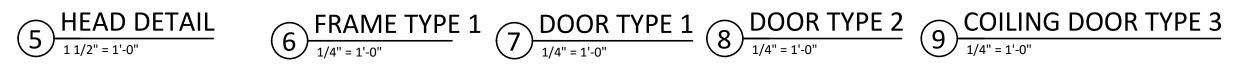




(5.09)

7.13

8.01



2" 3'-0" 2"

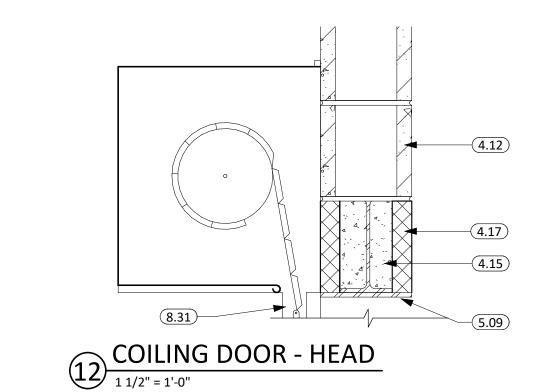


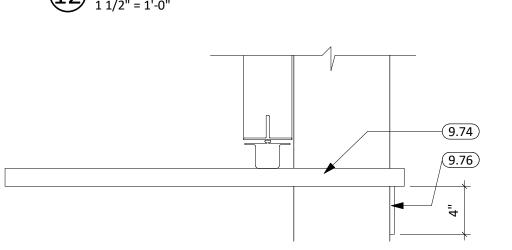






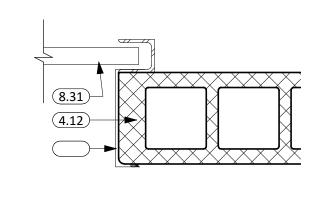
8'-0"





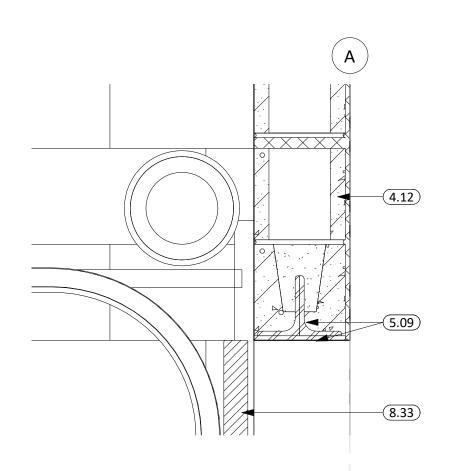
COILING DOOR - SILL

1 1/2" = 1'-0"



COILING DOOR - JAMB

1 1/2" = 1'-0"



OVERHEAD GARAGE DOOR

1 1/2" = 1'-0"

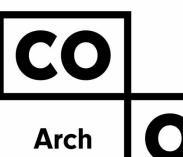
DOOR & FRAME SCHEDULE										
			DOOR				FRAME		HARDWARE	
NO.	W	Н	Т	TYPE	MAT'L	TYPE	MAT'L	ADDITIONAL NOTES	GROUP	QTY
201	3' - 0"	7' - 0"	0' - 1 3/4"	1	НМ	1	HM	1'-0" X 2'-0" LOUVER W/BUG SCREEN IN DOOR ABOVE KICK PLKATE; SEE 4 & 5/A2-4	1	1
202	3' - 0"	7' - 0"	0' - 1 3/4"	2	НМ	1	НМ	SEE 4 & 5/A2-4	2	1
202B	8' - 7 3/8"	4' - 6"	0' - 0 1/2"							1
203	8' - 0"	8' - 0"	0' - 2"	4	EP	PER MANUF.	STL	OVERHEAD SECTION DOOR W/ELECTRIC MOTOR AND KEYED EXT. SWITCH; SEE 14/A2-4	PER MANUF.	1
203A	3' - 0"	7' - 0"	0' - 1 3/4"	2	НМ	1	НМ	SEE 4 & 5/A2-4	2	1
204	3' - 0"	7' - 0"	0' - 1 3/4"	1	НМ	1	НМ	1'-0" X 2'-0" LOUVER W/BUG SCREEN IN DOOR ABOVE	1	1

RM#	NAME	FLR FIN.	BASE FIN.	WALL FIN.	CLG FIN.	CLG HT.	NOTES
201	MEN'S	EPOXY W/ DEC. FLECKS	EPOXY W/DEC. FLECKS	P-1	FRP - WHITE	10'-0 1/2"	
202	CONCESSION	EPOXY W/ DEC. FLECKS	EPOXY W/DEC. FLECKS	P-1	FRP - WHITE	10'-0 1/2"	
203	M/E STORAGE	CONC. W/FLR HARDENER	VCB	P1	FRP - WHITE	10'-0 1/2"	
204	WOMEN	EPOXY W/ DEC. FLECKS	EPOXY W/DEC. FLECKS	P1	FRP - WHITE	10'-0 1/2"	

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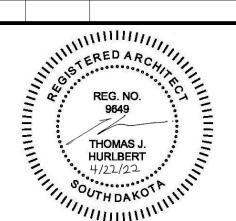
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BALLFIELD - BUILDING SECTION, DOOR SCHEDULE, ROOM FINISH SCHEDULE & DETAILS

CONFLUENCE PROJECT # 21382

WELDABLE REINFORCING- A706, GR 60

COLUMN/WALL VERTICAL BARS – 48DB

TIES – 38DB

BEAMS/JOIST TOP AND BOTTOM BARS – 48DB

HOLD REINFORCING IN PLACE DURING CASTING OPERATIONS.

ALL FIELD BENDING OF REINFORCING SHALL BE DONE COLD. DO NOT HEAT REINFORCEMENT.

BAR LAPS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE. STAGGER SPLICES OF REINFORCING BY 24 INCHES AT ALTERNATE BARS.

WELDED WIRE FABRIC- ASTM A185

MASONRY

LINTELS:

0-2FT

2FT-4FT

4FT-6FT

0-2FT

2FT-4FT

4FT-6FT

6FT-8FT

STRUCTURAL STEEL

WOOD:

PROPERTIES:

WITHIN 4FT OF JOINTS.

L-3.5X3.5X1/4"

L-5X3.5X1/4" LLV

L-5X3.5X1/4" LLV

WT 4X9

GALVANIZE ALL STEEL EXPOSED TO WEATHER.

ROLLED W-SHAPED MEMBERS: ASTM A992

STEEL ANGLES, CHANNELS, PLATES: ASTM A36

REQUIRING FULLY TIGHTENED CONDITIONS.

GALVANIZED OR STAINLESS STEEL.

TRUSS DEFLECTION CRITERIA:

TOTAL LOAD – L/240

LIVE LOAD - L/360

ESTABLISHED BY TPI.

BOLTED CONNECTIONS SHALL USE A MINIMUM OF 2 BOLTS.

TESTS THAT HAVE BEEN PERFORMED WITHIN THE LAST 12 MONTHS.

MEMBERS PROPERTIES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

2X4 THROUGH 2X12: NO. 2 – SPRUCE-PINE-FIR #1/#2 (OR EQUAL)

LAMINATED VENEER LUMBER (LVL): E= 1,900,000PSI, FB= 2,600PSI

CONNECTIONS NOT SHOWN SHALL BE FASTENED PER TABLE 2304.10.1 IN IBC 2021

PROVIDE 2 FULL HEIGHT STUDS AT JAMBS OF OPENINGS, UNLESS NOTED OTHERWISE.

MINIMUM ANCHORAGE OF SHEAR WALLS SHALL BE WITH 1/2" ANCHOR BOLT AT 2FT O.C.

STORE TRUSSES ON SITE IN A MANNER TO MINIMIZE WARPING.

ALL TEMPORARY AND FIANL BRACING SHALL BE DESIGNED PER TPI RECOMMENDATIONS.

BEAR THE APPROPRIATE MARK OF THE APPROPRIATE ACCREDITING AGENCY.

FLOOR SHEATHING- 3/4" APA RATED STURDI-FLOOR.

WALL SHEATHING- 7/16" APA RATED SHEATHING.

ROOF SHEATHING- 19/32" APA RATED SHEATHING (FLAT ROOF).

ROOF SHEATHING- 7/16" APA RATED SHEATHING (PITCHED ROOF).

STEEL TUBES: ASTM A500, GRADE B

STEEL PIPES: ASTM A53, GRADE B

BACK-TO-BACK ANGELS SHALL BE WELDED TOGETHER WITH 2" WELD AT 12" O.C.

1/4" PLATE, OR BOND BEAM WITH 1 #5

STEEL LINTELS SHALL HAVE A MINIMUM OF 6" BEARING ON FULLY GROUTED CELL.

GROUT ALL CMU CORES SOLID UNDER LINTEL BEARING, BEAMS AND BEARING PLATES.

L-5X3.5X1/4" W/ BOT PL- 1/4"X5"

LINTELS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE AS FOLLOWS, FOR EVERY 6IN NOMINAL OF MASONRY THICKNESS (EG. 6" CMU):

HIGH STRENGTH BOLTS SHALL BE INSTALLED PER AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

UNLESS NOTED OTHERWISE, WELDS SHALL BE 3/16" THROAT THICKNESS. ALL WELDS SHALL USE E70XX ELECTRODES.

DO NOT DRILL OR NOTCH STRUCTURAL ELEMENTS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.

STEEL SHALL BE DETAILED, FABRICATED AND ERECTED PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) CODE OF STANDARD PRACTICE FOR STEEL

SIMPLE SHEAR CONNECTIONS NOT FULLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE SELECTED BY THE STEEL FABRICATOR FROM APPROPRIATE

AISC LOAD TABLES USING END REACTION SHOWN ON PLANS. DOUBLE ANGLE, SINGLE ANGLE, OR WELDED SHEAR PLATE CONNECTIONS SHALL BE USED.

ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS WITH EXPERIENCE IN THAT TYPE OF JOINT. WELDING SHALL BE ACCORDING TO AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE. IN LIEU OF AWS WELDING CERTIFICATES, WELDERS EMPLOYED ON THE WORK MAY PROVIDE WELDING

PAINT STEEL EXPOSED TO VIEW WITH MANUFACTURER'S STANDARD PRIMER. DO NOT PRIME STEEL RECEIVING FIRE-PROOFING. OR AT WELDS. IF STEEL

FURNISH AND INSTALL OTHER MISCELLANEOUS STEEL AS CALLED OUT OR REQUIRED BY ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL

BOLTS SHOWN ON STRUCTURAL DRAWINGS SHALL BE 3/4" DIAM., A325-N BOLTS UNLESS NOTED OTHERWISE. USE TWIST-OFF TYPE BOLTS FOR CONNECTIONS

PROVIDE 5,000 PSI NON-SHRINK GROUT UNDER BASE PLATES AND BEARING PLATES WHERE INDICATED. ANCHOR BOLTS SHALL BE EMBEDDED 12 X (DIAM OF

PLYWOOD INDICATED AS RATED SHEATHING, SHALL BEAR THE APPROPRIATE MARK OF THE AMERICAN PLYWOOD ASSOCIATION. ALL WOOD MEMBERS SHALL

NAIL SHEATHING FOR SHEAR WALLS WITH 10D NAILS AT 6" O.C. AT PANEL EDGES AND 12" O.C. IN THE FIELD. NAIL SHEATHING FOR FLOORS AND ROOF WITH 10D

SHOP DRAWINGS SHALL INCLUDE STRUCTURAL ANALYSIS STAMPED BY A LICENSED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED.

NAILS AT 6" O.C. AT PANEL EDGES AND 12" O.C. IN THE FIELD. PROVIDE BLOCKING AT PANEL EDGES WHERE SPECIFIED. STAGGER EDGES OF PANELS.

CONNECT FRAMING MEMBERS WITH APPROVED LIGHT-GAGE CONNECTORS FROM SIMPSON STRONG TIE, OR EQUAL. CONNECT PER MANUFACTUER'S

FOR MEMBERS EXPOSED TO WEATHER: NAILS, SCREWS AND BOLTS LESS THAN 1/2" DIAM SHALL BE STAINLESS STEEL. GREATER THAN 1/2" SHALL BE

DESIGN, FABRICATE, AND ERECT PLATE-CONNECTED WOOD TRUSSES TO WITHSTAND LOADS SHOWN IN (DESIGN CRITERIA), ACCORDING TO RULES

MEMBERS ARE NOT EXPOSED TO VIEW, CONTRACTOR MAY ELECT TO NOT PRIME THIS STEEL. GALVANIZE ALL STEEL EXPOSED TO WEATHER.

HEADED STEEL STUDS SHALL BE PLACED ON BEAMS IN FIELD, ARC-WELDED THROUGH METAL FLOOR DECK. SEE STUD REPLACEMENT DETAIL.

WOOD CONSTRUCTION SHALL COMPLY WITH IBC 2021, AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, AND THE AMERICAN WOOD COUNCIL.

HOLES FOR BOLTS SHALL BE MATCH-DRILLED IN FIELD TO ENSURE PROPER ALIGNMENT. PROVIDE WASHERS AT ALL BOLT LOCATIONS.

PROVIDE BRIDGING AT 8FT O.C. FOR FLOOR MEMBERS 12IN NOMINAL OR GREATER. BRIDGING SHALL BE METAL OR 1X3 MEMBERS.

DO NOT FIELD TORCH-CUT HOLES OR NOTCHES IN STEEL MEMBERS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.

COLUMN SCHEDULE HOLLOW CONCRETE MASONRY UNITS: NORMAL WEIGHT, F'M=2000, MORTAR TYPE S, GROUT STRENGTH - 2000PSI. MASONRY CONSTRUCTION SHALL COMPLY WITH THE LATEST VERSION OF ACI 530.1. SEE IBC 2021 FOR HOT AND COLD WEATHER PROCEDURES CMU SHALL BE LAID IN A RUNNING-BOND PATTERN. PROVIDE BOND BEAMS WITH 2 #5 AT ALL FLOOR LINES, ROOF LINES, TOP OF WALL, AND AT 12'-0" O.C. MAXIMUM SPACING IN WALL MARK SECTION REMARKS BOLTS PROVIDE REINFORCING AT CENTER OF CORES OF CMU CONSTRUCTION, OR AS INDICATED ON STRUCTURAL DRAWINGS. HOLD REINFORCING IN PLACE SURING DETAIL SIZE GROUTING OPERATIONS. FILL ALL REINFORCED CELLS WITH GROUT. FILL ALL CMU CELLS SOLID BELOW GRADE. SEE DRAWINGS FOR OTHER GROUTING. HSS 5x5x1/4" 11"x3/4"x11" (4) 3/4" DIA. x 9" EMBED. GROUT CELLS FLOOR-TO-FLOOR AT JAMBS OF OPENINGS. LAP BARS 48 BAR DIAMETERS, UNLESS NOTED OTHERWISE. PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. MAX SPACING PER SPECIFICATION. HIGH LIFT GROUTING WILL NOT BE PERMITTED WITHOUT AN APPROVED WRITTEN PROCEDURE SUBMITTED THROUGH THE ARCHITECT. USE GROUTED KEYWAYS OR PREMANUFACTURED JOINTS AT ALL CONTROL JOINTS. DO NOT PLACE CONDUIT, CHASES, OR OTHER EMBED ITEMS IN GROUTED CELLS WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER. LOCATE CONTROL JOINTS IN CMU AT A MAXIMUM SPACING OF 20FT, UNLESS NOTED OTHERIWSE. LOCATE CONTROL JOINTS IN EXTERIOR MASONRY PER CONTINUE REINFORCING THROUGH CONTROL JOINTS. WRAP REBAR WITH BOND-BREAKING TAPE 2'-0" EACH SIDE OF JOINT. DO NOT SPLICE REINFORCING LINTELS SHALL BE PLACED ABOVE ALL OPENINGS AND RECESSES IN MASONRY CONSTRUCTION. LINTELS NOT SHOWN ON THE CONSTRUCTION DRAWINGS SHALL BE AS FOLLOWS, FOR EVERY 4IN NOMINAL THICKNESS OF MASONRY: 1/4" PLATE, OR BOND BEAM WITH 2 #5

LINTEL SCHEDULE						
MARK	LINTEL	DETAIL	BEARING	REMARKS		
L1	(2) L3-1/2x3-1/2x1/4" (LLV)		8"			
L2	(2) L5x3-1/2x1/4" (LLV)	JL	8"			
L3	W8x10 w/ 7"x1/4" BOT. PL.	I	8"			

- STOP PLATE 1" SHORT OF JAMB EA. END.
- PROVIDE 7"x1/4"x8" STL. BEARING PL. w/ (2) 3/4" DIA. H.A.S. EA. END OF LINTEL. FULLY GROUT CMU CORES BELOW LINTEL BEARING.
- PROVIDE MIN. 8" BEARING ON BLACK AT ALL LINTELS

CONFLUENCE

LANDSCAPE ARCHITECT

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1108 S. Main St. 102

Aberdeen, SD 57401

Phone: 605-725-4852

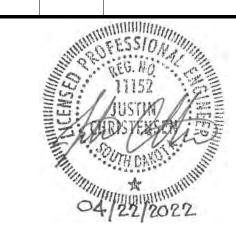
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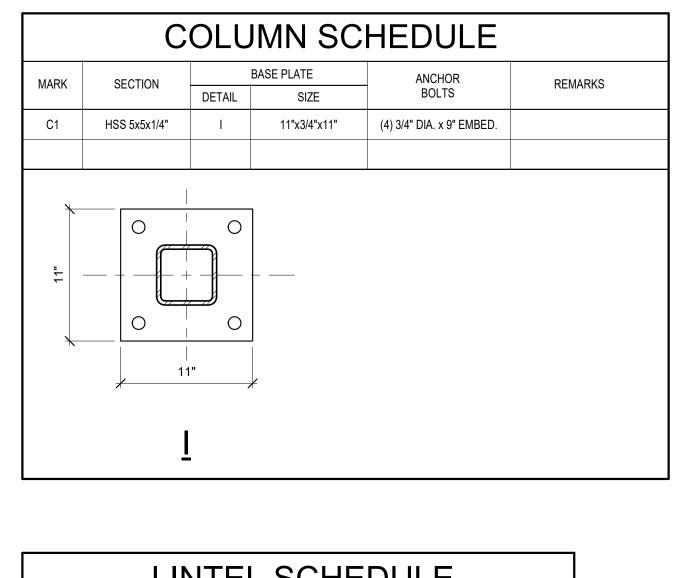
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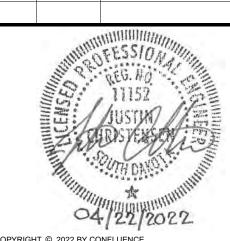
STRUCTURAL NOTES & SCHEDULES

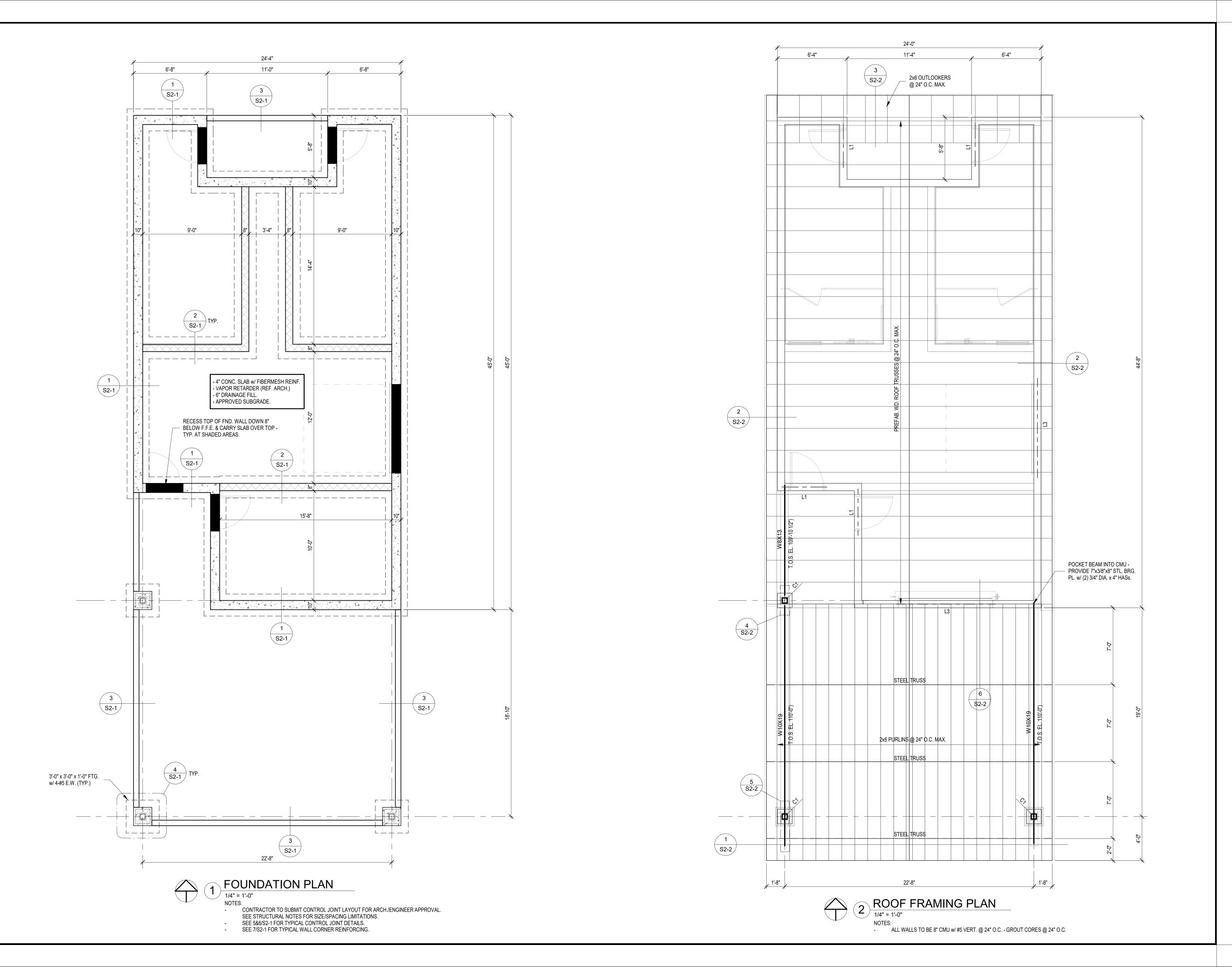
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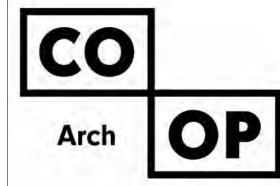




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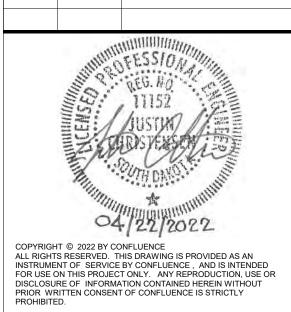
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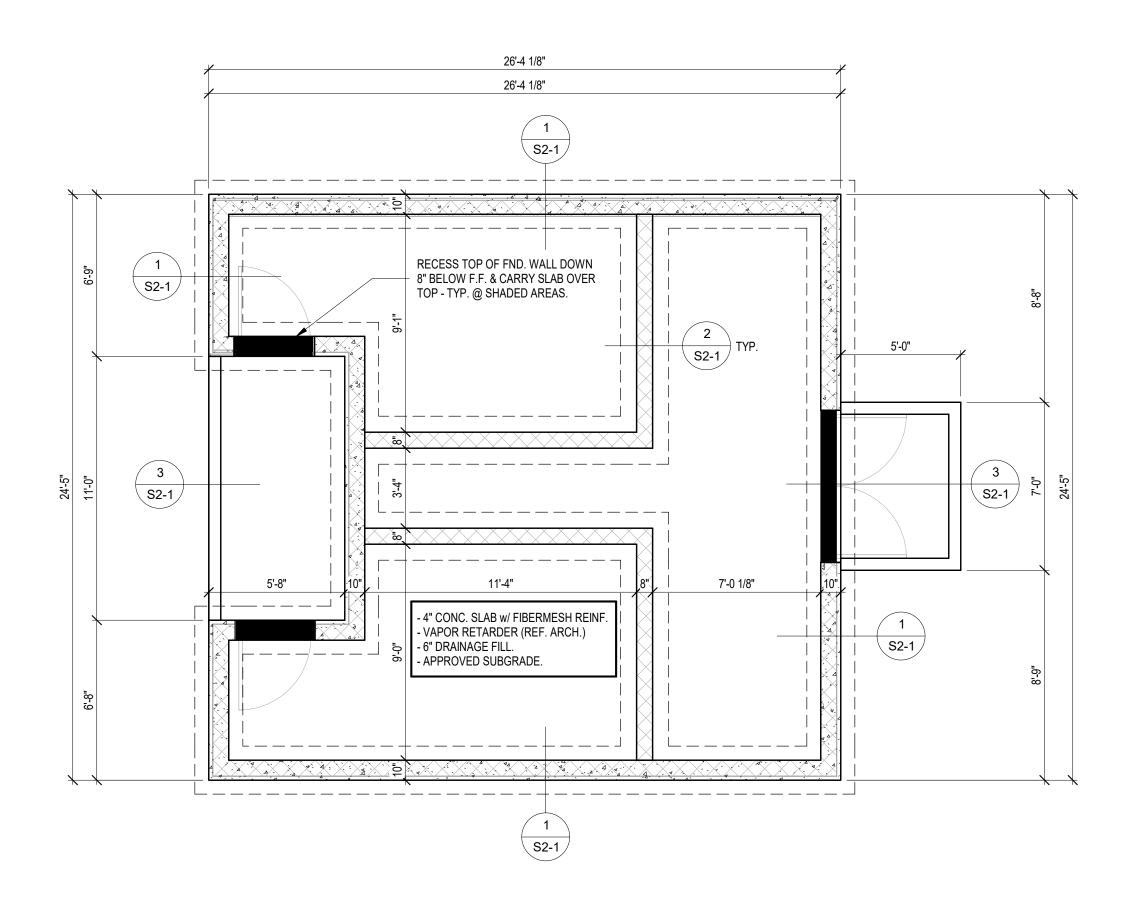
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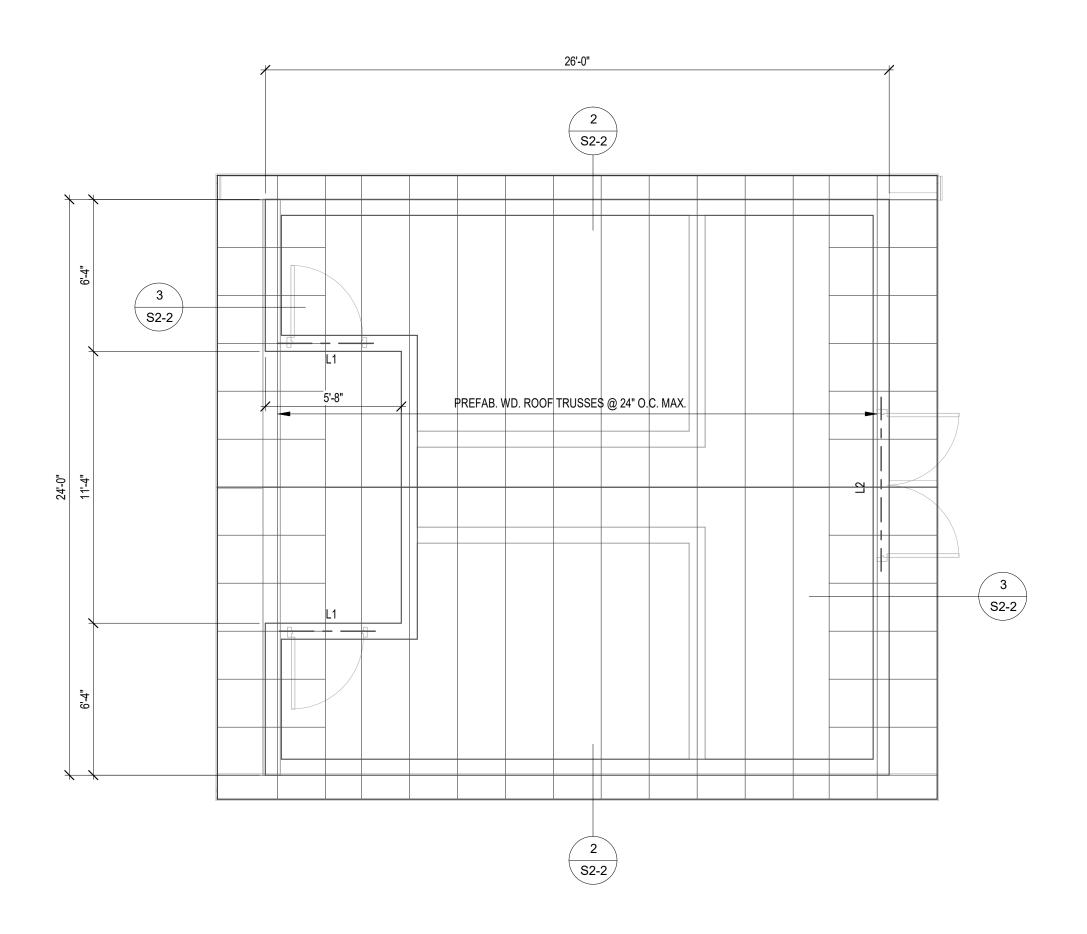


CONCESSION BLDG. STRUCTURAL PLANS

CONFLUENCE PROJECT # 21382

S1-1







- CONTRACTOR TO SUBMIT CONTROL JOINT LAYOUT FOR ARCH./ENGINEER APPROVAL. SEE STRUCTURAL NOTES FOR SIZE/SPACING LIMITATIONS.

SEE 5&6/S2-1 FOR TYPICAL CONTROL JOINT DETAILS.
 SEE 7/S2-1 FOR TYPICAL WALL CORNER REINFORCING.

POOF FRAMING PLAN

1/4" = 1'-0"

NOTES:

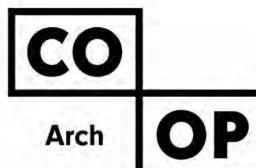
ALL WALLS TO BE 8" CMU w/ #5 VERT. @ 24" O.C.,

GROUT CORES @ 24" O.C.

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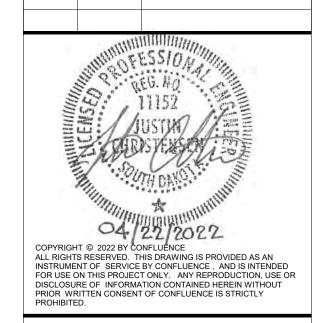


COLUMBIA PARK AND BALLFIELD Columbia, South Dakota

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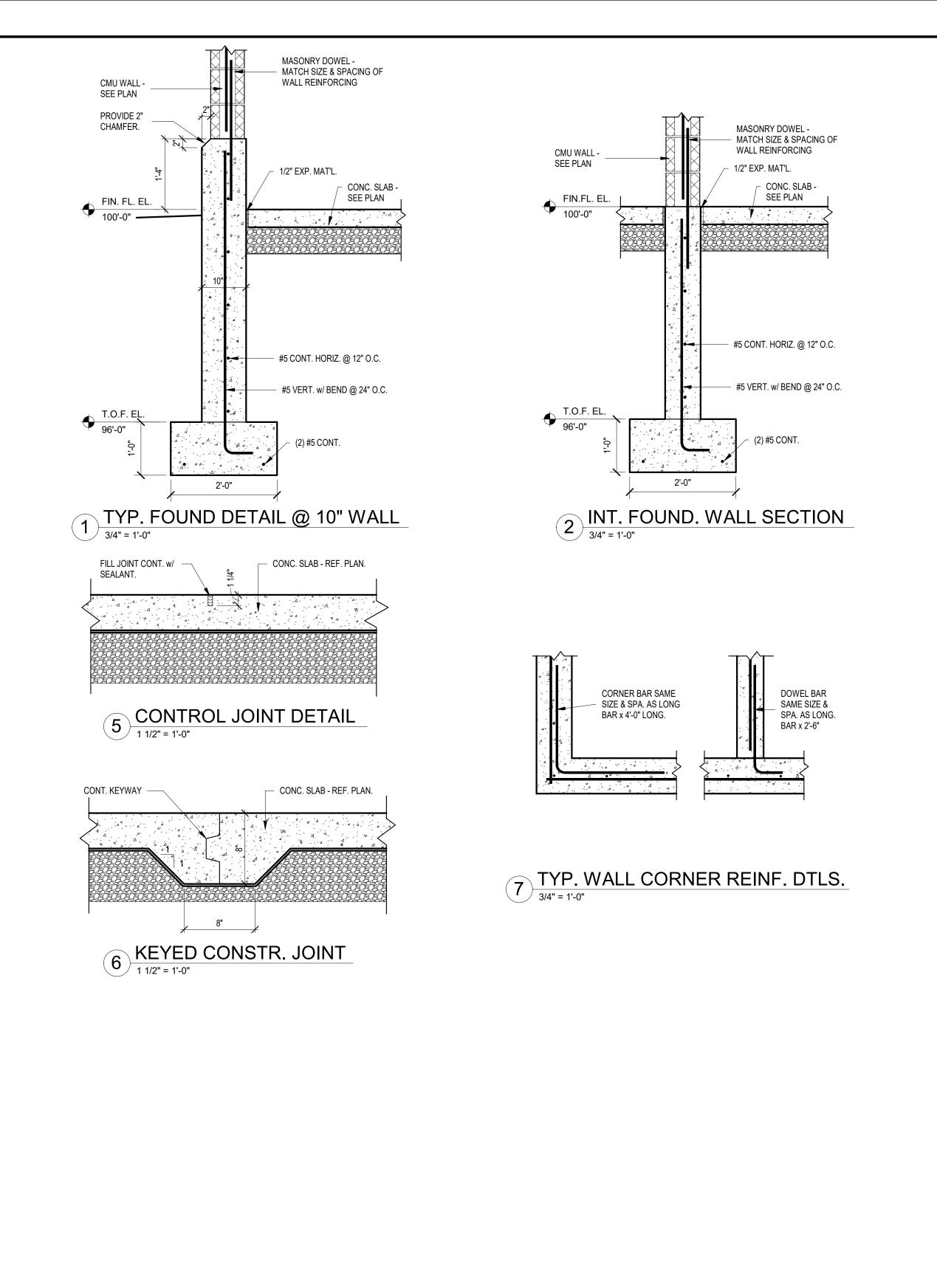
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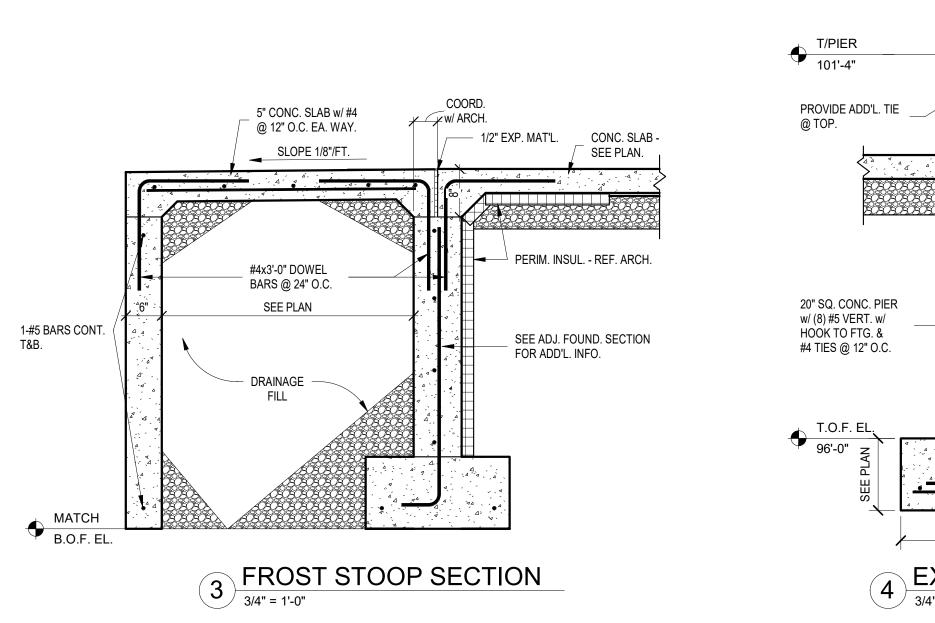


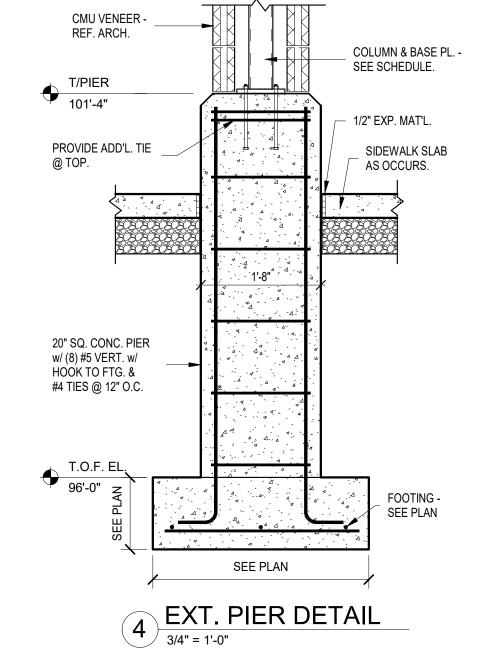
RESTROOM BLDG. STRUCTURAL PLANS

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S1-2



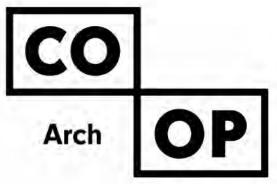






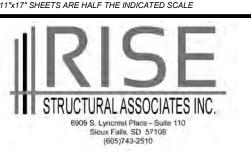
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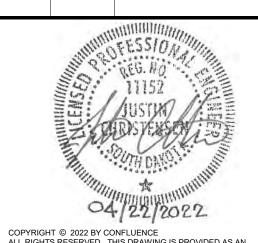


-UMBIA PARK D BALLFIELD Imbia, South Dakota

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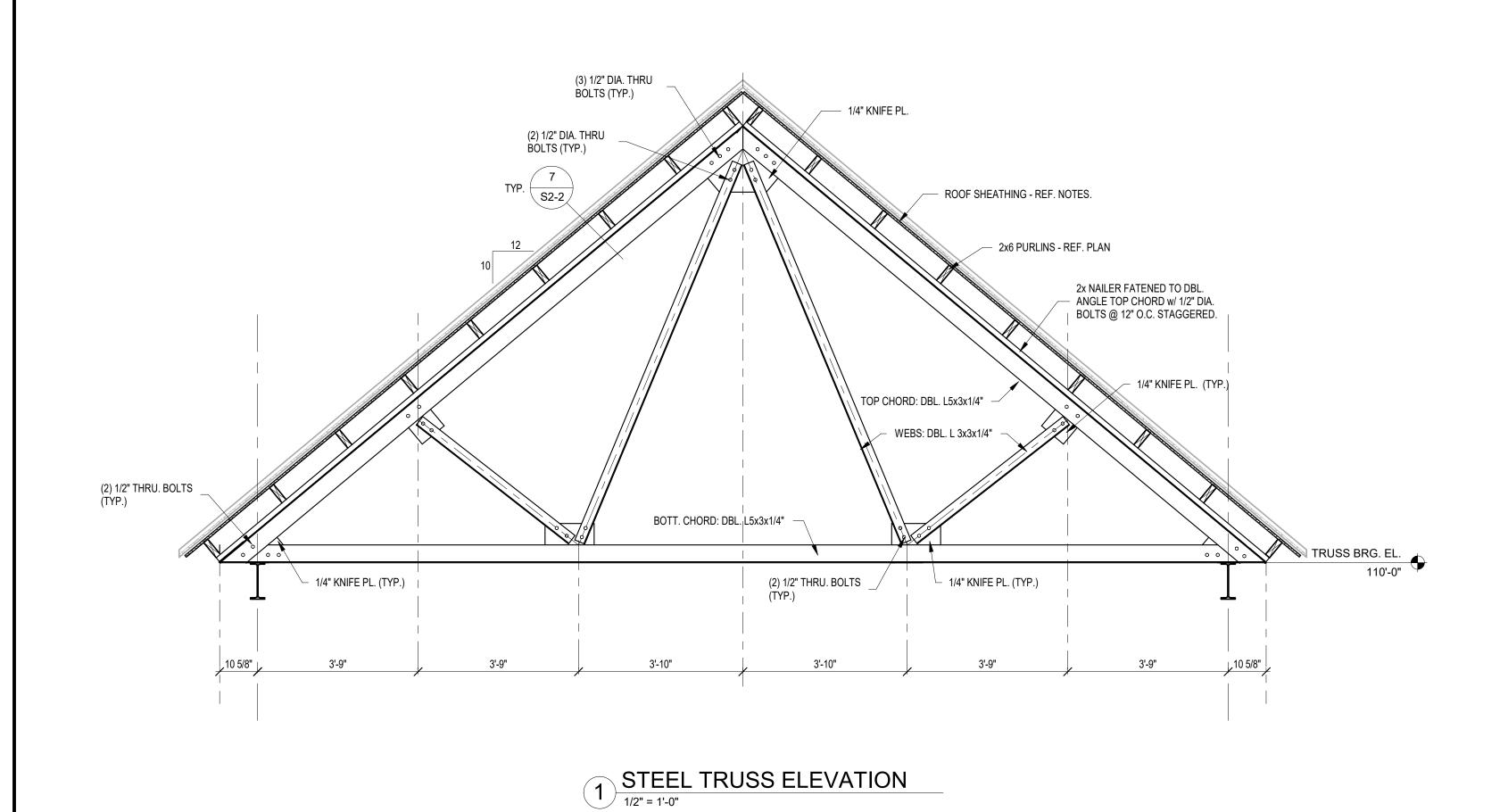


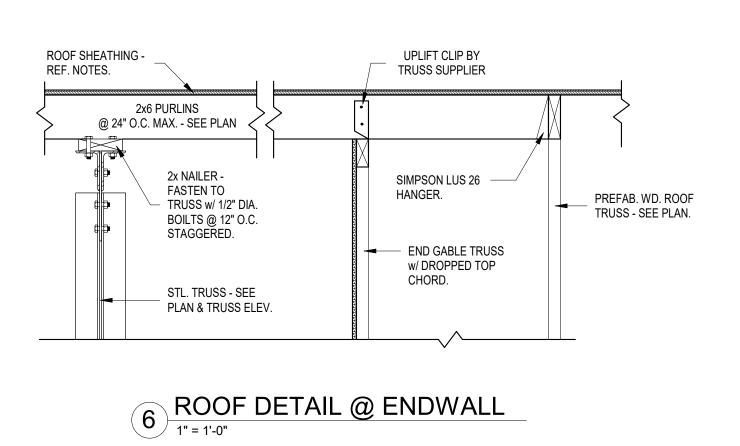
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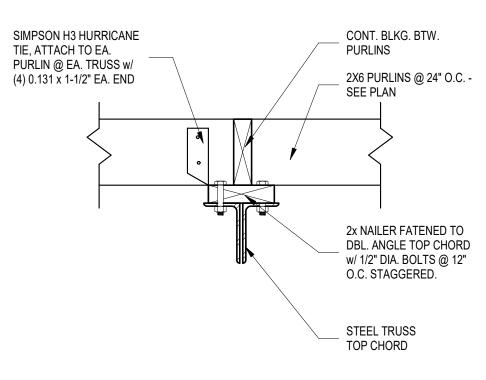
STRUCTURAL DETAILS

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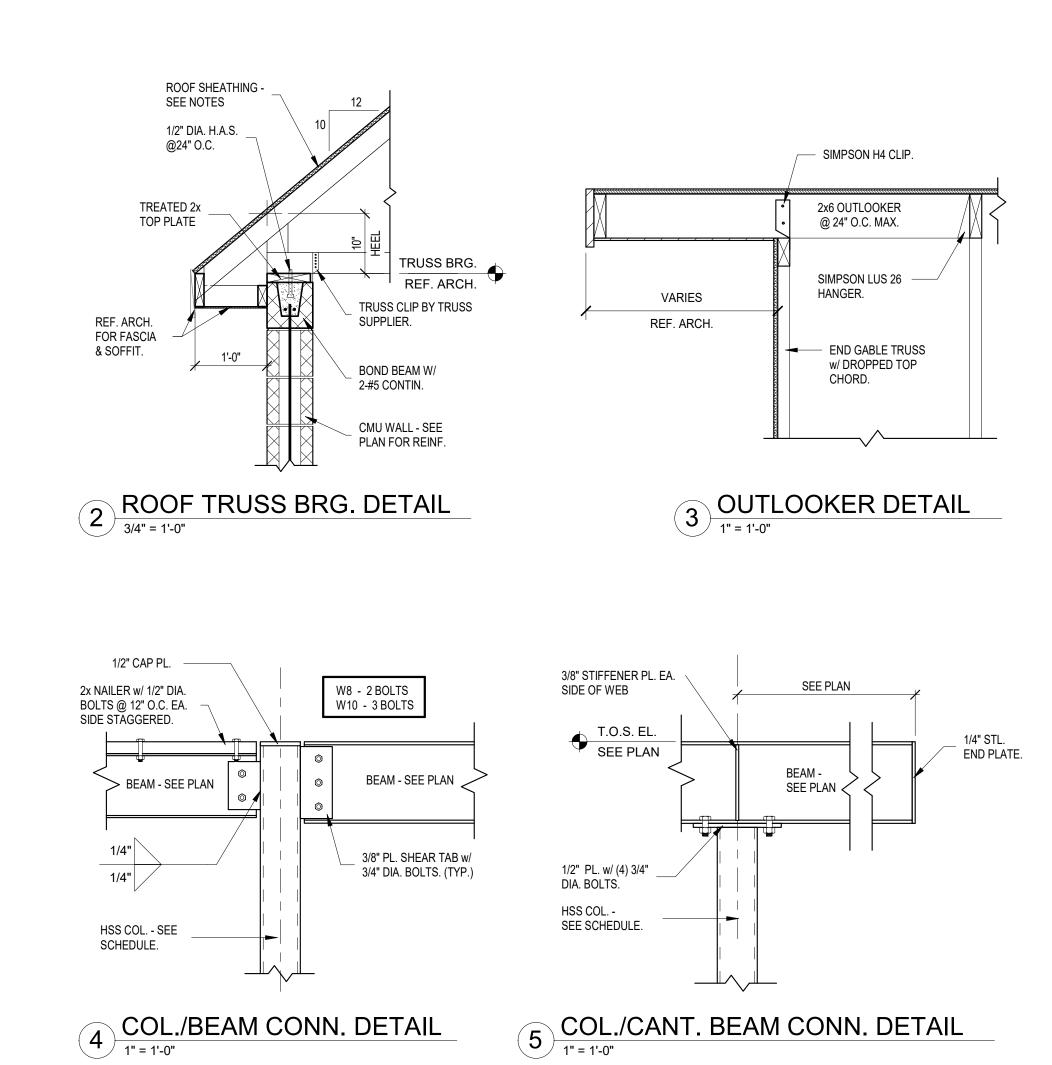
S2-1







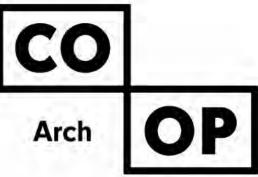
7 PURLINS TO STL. TRUSS CONN.
1 1/2" = 1'-0"





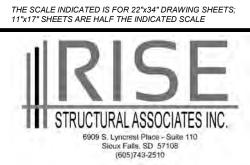
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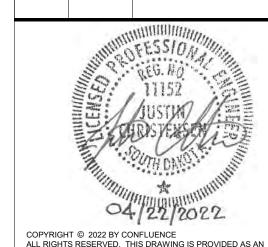
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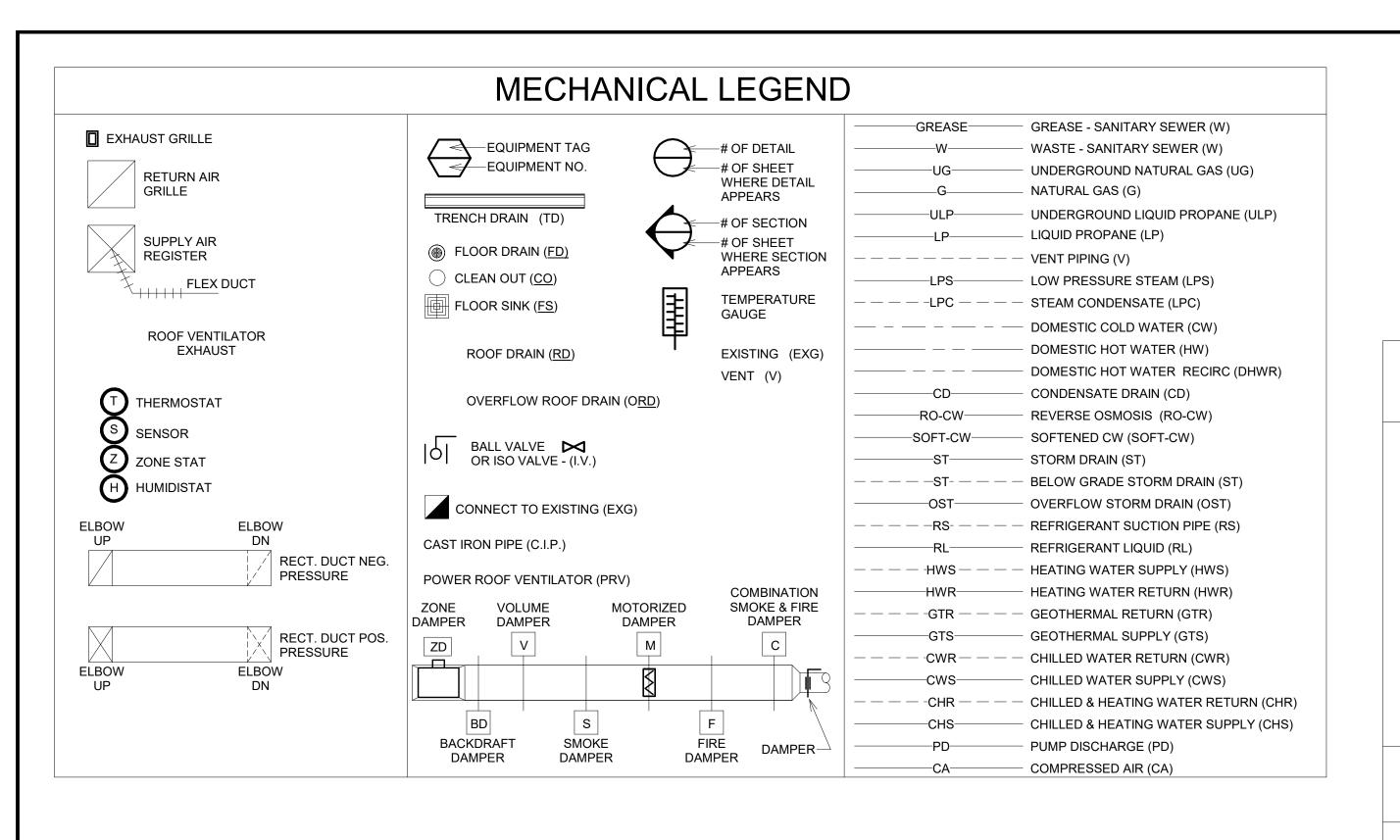


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STRUCTURAL DETAILS

CONFLUENCE PROJECT # 21382

S2-2



	MECHANICAL SHEET INDEX						
Sheet Number	Sheet Name						
M100	MOTOR SCHEDULE, LEGEND & SHEET INDEX						
M200	MECHANICAL SITE PLAN						
M300	BELOW GRADE PLUMBING PLAN						
M400	ABOVE GRADE PLUMBING PLAN						
M500	VENTILATION PLAN						
M600	PLUMBING FIXTURE SCHEDULE						
M700	MECHANICAL DETAILS & SCHEDULES						

HVAC MOTOR & EQUIPMENT COORDINATION SCHEDULE

E.C. =	ELECTRICAL CONTRACTOR
P.C. =	PLUMBING/HYDRONICS CONTRACTOR
V C =	VENTILATION CONTRACTOR

POWER 60 CYC.

POWER 60 CYC.

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SICHMELLER

ENGINEERING

Mechanical & Electrical Engineering

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SIOUX FALLS, SD 57103

Columbia, South Dakota

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MOTOR SCHEDULE, LEGEND & SHEET INDEX

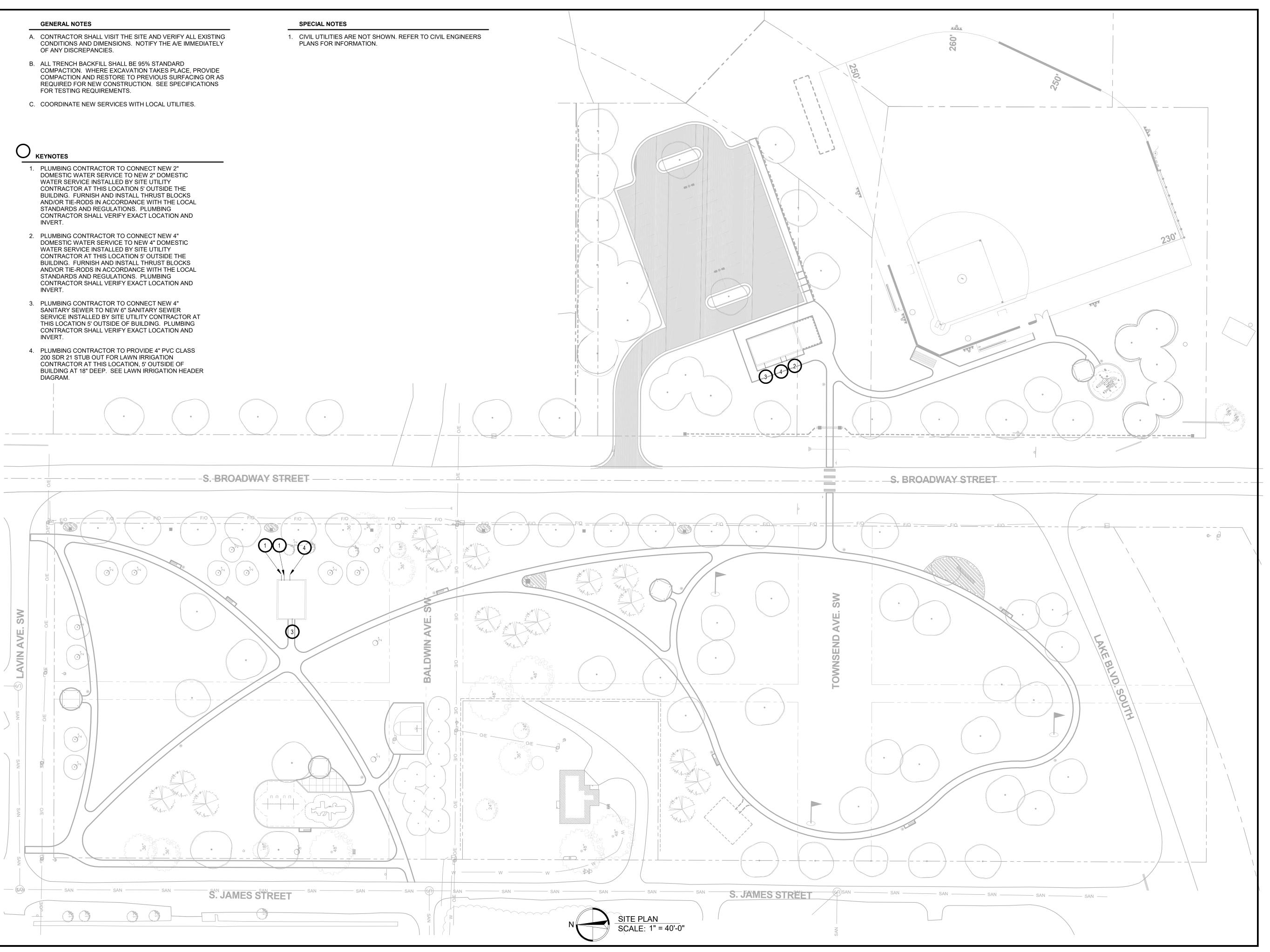
SICHMELLER ENG PROJECT # 220200751

M100

		LOCATION			SE	E SPE	cs	SWIT	CH IN	FORMA	TION			(F)	POWER CYC	
EQUIPMENT NUMBER	USE	MOTOR	CONTROLLER BY	DISCONNECT SWITCH BY	POWER WIRING BY	CONTROL WIRING BY	TEMP. CONTROLL WIRING BY	THERMOSTAT BY	AQUASTAT BY	SPEED SELECT SWITCH BY	TIME CLOCK BY	NOTES	FIRE ALARM INTERLOCK REQUIRED	HP OR WATTAGE (KW) OR FRACTIONAL	VOLTAGE	PHASE
EF-1	EXHAUST - MEN 101, MECH/STOR 102, WOMEN 103	MECH/STOR 102		VC	EC	EC						OPERATES WITH LIGHTS OF MEN 101, WOMEN 103, OR MECH/STOR 102		(F)	120	1
E-2	EXHAUST - MEN 201, M/E STOR 203, WOMEN 204	M/E STOR 203		VC	EC	EC						OPERATES WITH LIGHTS OF MEN 201, WOMEN 204, OR M/E STOR 203		(F)	120	1
WH - 1	ELECTRIC - DOMESTIC HOT WATER RESTROOM BUILDING	MECH/STOR 102		EC	EC									(1.65)	120	1
WH-2	ELECTRIC - DOMESTIC HOT WATER CONCESSIONS BUILDING	M/E STOR 203		EC	EC									(1.65)	120	1
				PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1
IF-1	IRON FILTER - RESTROOM BUILDING & LAWN IRRIGATION	MECH/STOR 102		PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1
				PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1
				PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1
IF-2	IRON FILTER - CONCESSIONS BUILDING & LAWN IRRIGATION	M/E STOR 203		PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1
				PC/ EC	EC							POWER CORD PROVIDED WITH UNIT BY PC, GFCI RECEPTACLE BY EC		(F)	120	1

SPECIAL NOTES:

- A. ALL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- B. THE CONTRACTOR IS RESPONSIBLE FOR THE TESTING & CLEANING OF EACH RESPECTIVE SYSTEM IN ACCORDANCE WITH APPLICABLE STATE & LOCAL CODES. TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION. WRITTEN NOTIFICATION OF TEST, DATE, AND RESULTS SHALL BE FURNISHED TO THE ENGINEER BEFORE CONCEALING OR COVERING THE INSTALLATION. TESTS SHALL BE REPEATED UNTIL EACH SYSTEM IS PROVEN ACCEPTABLE.
- C. CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS
- D. ALL PLUMBING SHALL BE INSTALLED WITH PIPING GRADED AND DRAIN VALVES LOCATED AT LOW POINTS IN PIPING SYSTEM TO FACILITATE THE WINTERIZATION OF THE SYSTEM. IN ALL INSTANCES WHERE GRAVITY DRAINAGE CANNOT BE PROVIDED, PROVISIONS SHALL BE INSTALLED TO DRAIN PIPING SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE WINTERIZATION INSTRUCTIONS TO OWNER.





LANDSCAPE ARCHITECT CONFLUENCE 440 E. 8TH STREET, SUITE 121 SIOUX FALLS, SD 57103 PH: 605.339.1205 FAX: 605.339.1215

SICHMELLER ENGINEERING Mechanical & Electrical Engineering

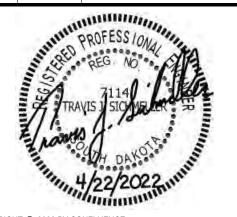
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LUMBIA PARKID BALLFIELD

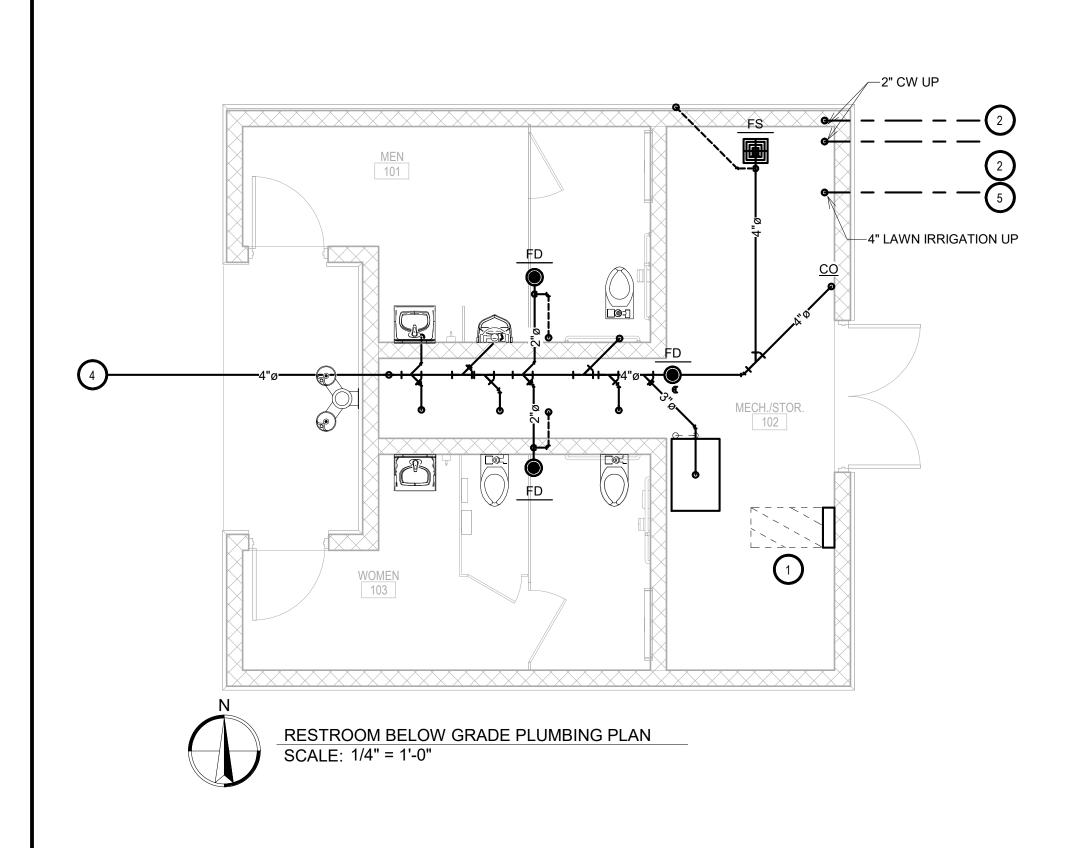
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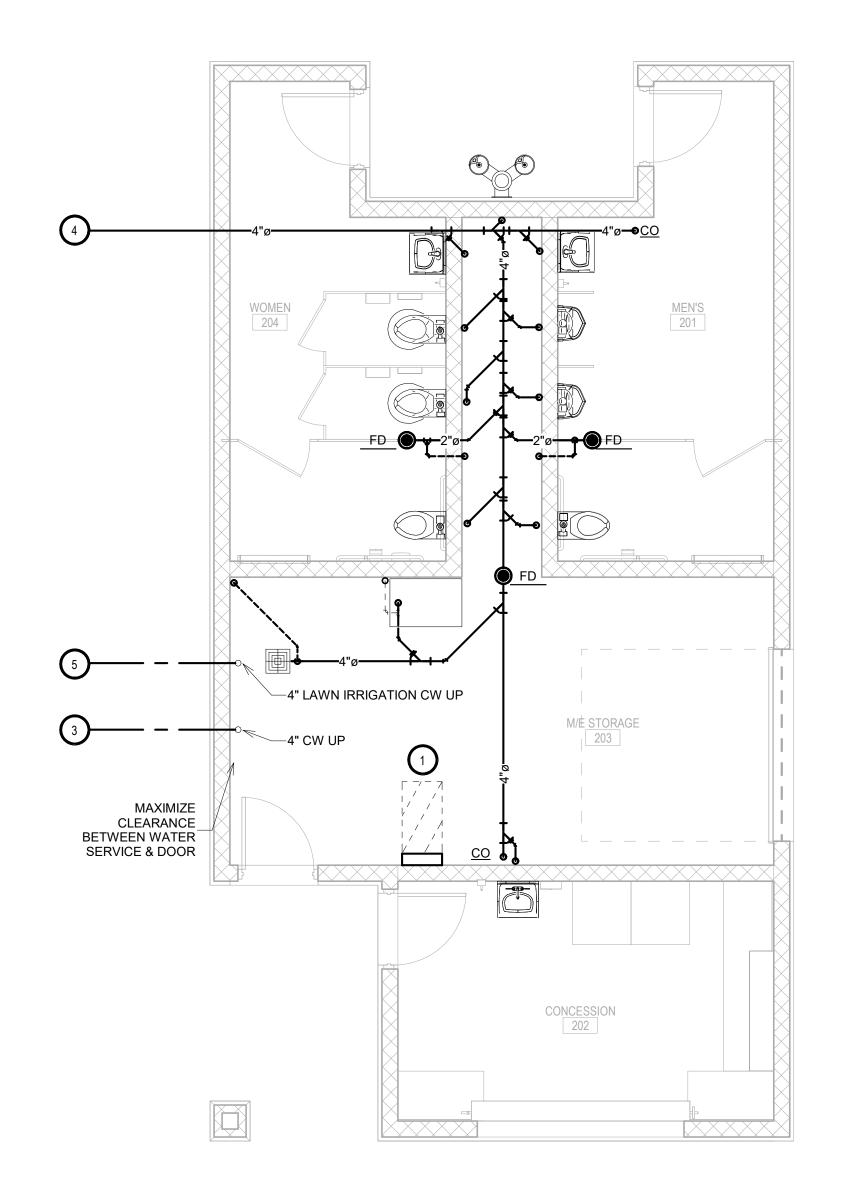


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MECHANICAL SITE PLAN

SICHMELLER ENG PROJECT # 220200751











CONCESSION STAND BELOW GRADE PLUMBING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER.
- B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY OPENINGS LEFT IN FLOORS, WALLS, AND CEILINGS THAT WERE CAUSED BY HIS/HER ACTIONS. PATCHING SHALL MATCH EXISTING SURFACE IN COLOR, TEXTURE AND QUALITY SO THAT PATCH IS INDISTINGUISHABLE FROM ORIGINAL SURFACE.
- C. ALL PENETRATIONS THROUGH DRAFT STOPS AND OTHER FIRE-RATED PARTITIONS SHALL BE FIRE STOPPED AS PER SPECIFICATIONS AND LOCAL CODES.
- D. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
- F. CONTRACTOR SHALL COORDINATE ALL PLUMBING WITH LIGHT FIXTURES, HVAC, AND STRUCTURAL TO ACCOMMODATE LIMITED CEILING SPACE.
- G. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
- H. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.
- I. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE A/E IMMEDIATELY OF ANY DISCREPANCIES.
- J. COORDINATE NEW SERVICES WITH LOCAL UTILITIES.
- K. PLUMBING CONTRACTOR TO PROVIDE VENTING FOR ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS AS SHOWN OR AS REQUIRED BY CODE.
- L. ALL PLUMBING SHALL BE INSTALLED WITH PIPING GRADED AND DRAIN VALVES LOCATED AT LOW POINTS IN PIPING SYSTEM TO FACILITATE THE WINTERIZATION OF THE SYSTEM. IN ALL INSTANCES WHERE GRAVITY DRAINAGE CANNOT BE PROVIDED, PROVISIONS SHALL BE INSTALLED TO DRAIN PIPING SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE WINTERIZATION INSTRUCTIONS TO OWNER.

O KEYNOTES

- 1. THIS SPACE IS RESERVED FOR ELECTRICAL GEAR. PIPING AND EQUIPMENT SHALL NOT BE LOCATED IN FRONT OF OR ROUTED ABOVE ELECTRICAL PANELS. COORDINATE WITH DIVISION 26.
- 2. PLUMBING CONTRACTOR TO CONNECT NEW 2"
 DOMESTIC WATER SERVICE TO NEW 2" DOMESTIC
 WATER SERVICE INSTALLED BY SITE UTILITY
 CONTRACTOR AT THIS LOCATION 5' OUTSIDE THE
 BUILDING. FURNISH AND INSTALL THRUST BLOCKS
 AND/OR TIE-RODS IN ACCORDANCE WITH THE LOCAL
 STANDARDS AND REGULATIONS. PLUMBING
 CONTRACTOR SHALL VERIFY EXACT LOCATION AND
 INVERT.
- 3. PLUMBING CONTRACTOR TO CONNECT NEW 4"
 DOMESTIC WATER SERVICE TO NEW 4" DOMESTIC
 WATER SERVICE INSTALLED BY SITE UTILITY
 CONTRACTOR AT THIS LOCATION 5' OUTSIDE THE
 BUILDING. FURNISH AND INSTALL THRUST BLOCKS
 AND/OR TIE-RODS IN ACCORDANCE WITH THE LOCAL
 STANDARDS AND REGULATIONS. PLUMBING
 CONTRACTOR SHALL VERIFY EXACT LOCATION AND
 INVERT
- 4. PLUMBING CONTRACTOR TO CONNECT NEW 4"
 SANITARY SEWER TO NEW 6" SANITARY SEWER
 SERVICE INSTALLED BY SITE UTILITY CONTRACTOR AT
 THIS LOCATION 5' OUTSIDE OF BUILDING. PLUMBING
 CONTRACTOR SHALL VERIFY EXACT LOCATION AND
 INVERT
- 5. PLUMBING CONTRACTOR TO PROVIDE 4" PVC CLASS 200 SDR 21 STUB OUT FOR LAWN IRRIGATION CONTRACTOR AT THIS LOCATION, 5' OUTSIDE OF BUILDING AT 18" DEEP. SEE LAWN IRRIGATION HEADER DIAGRAM.

SPECIAL NOTES

- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.
- B. FLOOR DRAINS & SINK LOCATIONS SHALL BE INSTALLED IN LOCATIONS PROPER TO ACCEPT INDIRECT DRAIN PIPING FROM BOILERS, WATER HEATER, RELIEFS, ETC. (TRIP HAZARDS FROM PIPING WILL NOT BE ACCEPTABLE).
- C. ALL FLOOR CLEANOUTS TO BE LOCATED IN INCONSPICUOUS LOCATIONS. CLEANOUTS LOCATED IN DOORWAYS AND MIDDLE OF HALLWAYS WILL NOT BE ACCEPTABLE.
- D. ALL PLUMBING SHALL BE INSTALLED WITH PIPING GRADED AND DRAIN VALVES LOCATED AT LOW POINTS IN PIPING SYSTEM TO FACILITATE THE WINTERIZATION OF THE SYSTEM. IN ALL INSTANCES WHERE GRAVITY DRAINAGE CANNOT BE PROVIDED, PROVISIONS SHALL BE INSTALLED TO DRAIN PIPING SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE WINTERIZATION INSTRUCTIONS TO OWNER.

CONFLUENCE

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SICHMELLER ENGINEERING Mechanical & Electrical Engineering

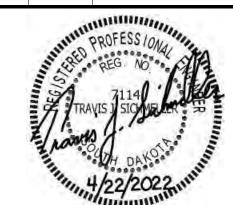
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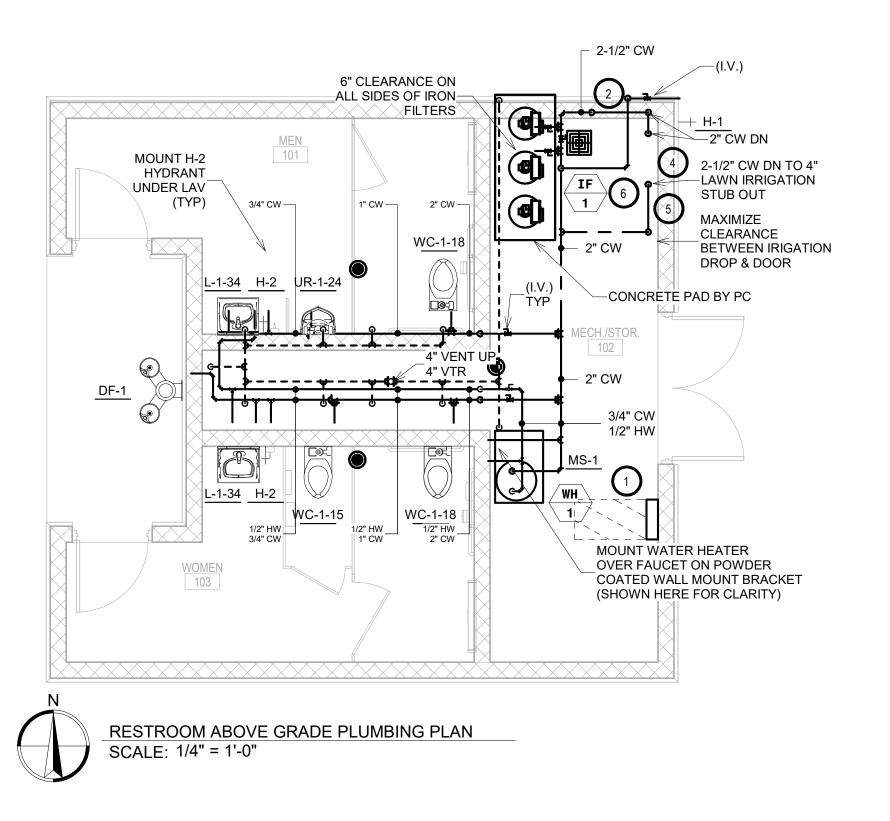
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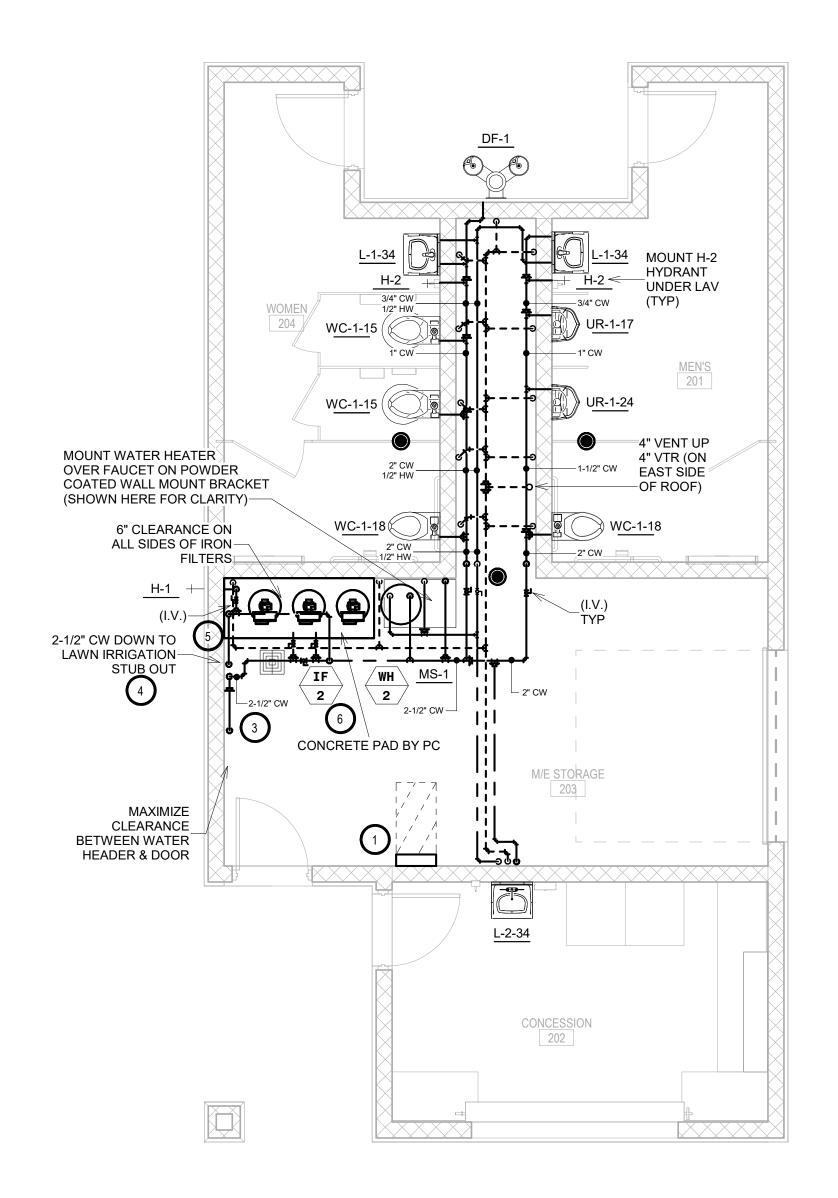


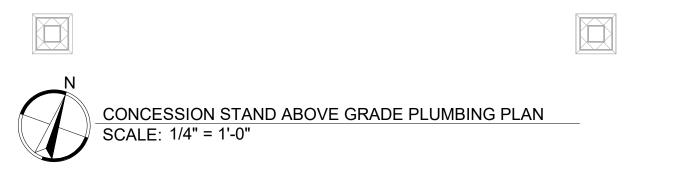
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BELOW GRADE PLUMBING PLAN

SICHMELLER ENG PROJECT # 220200751







GENERAL NOTES:

- A. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER.
- B. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ANY OPENINGS LEFT IN FLOORS, WALLS, AND CEILINGS THAT WERE CAUSED BY HIS/HER ACTIONS. PATCHING SHALL MATCH EXISTING SURFACE IN COLOR, TEXTURE AND QUALITY SO THAT PATCH IS INDISTINGUISHABLE FROM ORIGINAL SURFACE.
- C. ALL PENETRATIONS THROUGH DRAFT STOPS AND OTHER FIRE-RATED PARTITIONS SHALL BE FIRE STOPPED AS PER SPECIFICATIONS AND LOCAL CODES.
- D. ALL MECHANICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL PLUMBING REGULATIONS, AND THE AUTHORITY HAVING JURISDICTION.
- E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
- F. CONTRACTOR SHALL COORDINATE ALL PLUMBING WITH LIGHT FIXTURES, HVAC, AND STRUCTURAL TO ACCOMMODATE LIMITED CEILING SPACE.
- G. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
- H. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.
- I. CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE A/E IMMEDIATELY OF ANY DISCREPANCIES.
- J. COORDINATE NEW SERVICES WITH LOCAL UTILITIES.
- K. PLUMBING CONTRACTOR TO PROVIDE VENTING FOR ALL FLOOR DRAINS, TRENCH DRAINS, AND FLOOR SINKS AS SHOWN OR AS REQUIRED BY CODE.
- L. ALL PLUMBING SHALL BE INSTALLED WITH PIPING GRADED AND DRAIN VALVES LOCATED AT LOW POINTS IN PIPING SYSTEM TO FACILITATE THE WINTERIZATION OF THE SYSTEM. IN ALL INSTANCES WHERE GRAVITY DRAINAGE CANNOT BE PROVIDED, PROVISIONS SHALL BE INSTALLED TO DRAIN PIPING SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE WINTERIZATION INSTRUCTIONS TO OWNER.

KEYNOTES:

- 1. THIS SPACE IS RESERVED FOR ELECTRICAL GEAR. PIPING AND EQUIPMENT SHALL NOT BE LOCATED IN FRONT OF OR ROUTED ABOVE ELECTRICAL PANELS. COORDINATE WITH DIVISION 26.
- 2. SEE RESTROOM BUILDING WATER HEADER DIAGRAM.
- 3. SEE CONCESSIONS BUILDING WATER HEADER DIAGRAM.
- 4. PLUMBING CONTRACTOR TO PROVIDE 4" PVC CLASS 200 SDR 21 STUB OUT FOR LAWN IRRIGATION CONTRACTOR AT THIS LOCATION, 5' OUTSIDE OF BUILDING AT 18" DEEP. SEE LAWN IRRIGATION HEADER DIAGRAM.
- 5. SEE LAWN IRRIGATION STUB OUT PIPING DIAGRAM.
- 6. SEE IRON FILTER PIPING DIAGRAM.

SPECIAL NOTES:

- A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS, TO BE INSTALLED AS HIGH AS POSSIBLE TO PROVIDE MAXIMUM CLEARANCES FOR OWNER.
- B. ALL PLUMBING SHALL BE INSTALLED WITH PIPING GRADED AND DRAIN VALVES LOCATED AT LOW POINTS IN PIPING SYSTEM TO FACILITATE THE WINTERIZATION OF THE SYSTEM. IN ALL INSTANCES WHERE GRAVITY DRAINAGE CANNOT BE PROVIDED, PROVISIONS SHALL BE INSTALLED TO DRAIN PIPING SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION, PLUMBING CONTRACTOR SHALL MEET WITH OWNER'S REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE WINTERIZATION INSTRUCTIONS TO OWNER.

CONFLUENCE

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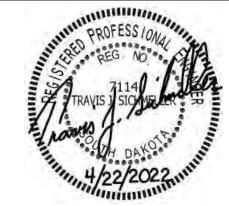
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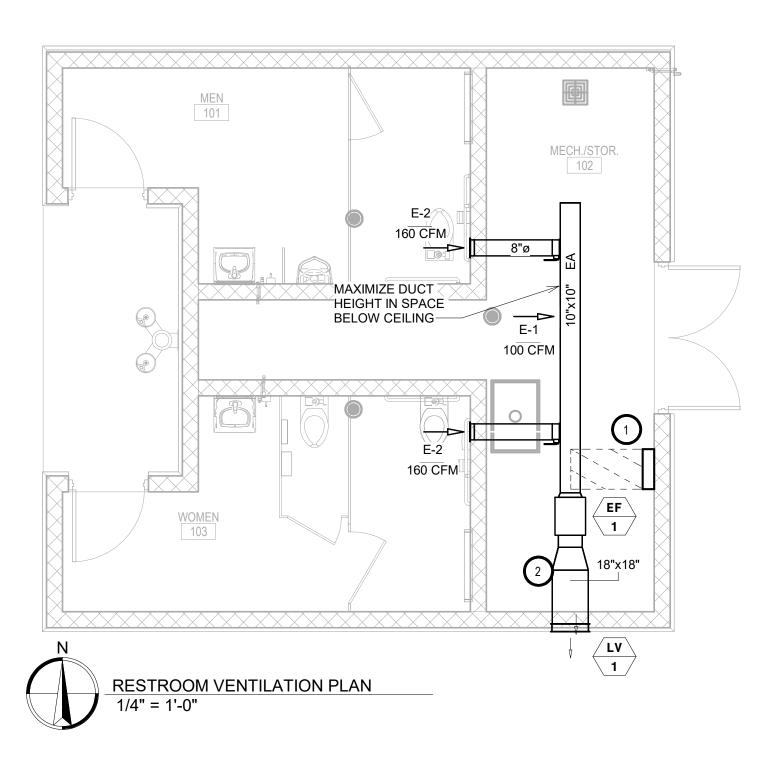
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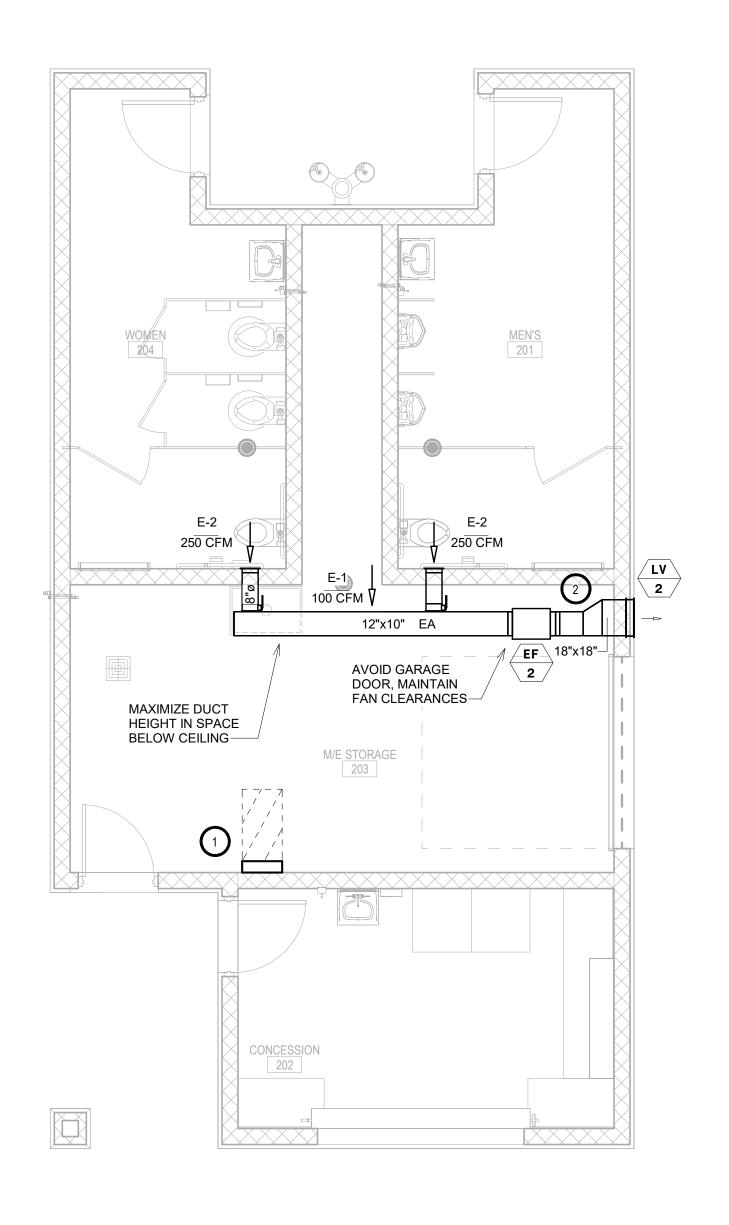


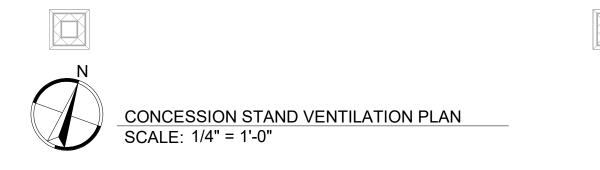
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ABOVE GRADE PLUMBING PLAN

SICHMELLER ENG PROJECT # 220200751







GENERAL NOTES:

- A. ALL WORK SHALL BE PERFORMED IN A CLEAN AND WORKMANLIKE MANNER.
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- E. THE MECHANICAL DRAWINGS SHOW GENERAL ARRANGEMENT ONLY. EXACT LOCATION SHALL AVOID INTERFERENCE WITH ELECTRICAL EQUIPMENT & REQUIRED ELECTRICAL CLEARANCES.
- F. COORDINATE INSTALLATION OF ALL HVAC WITH PLUMBING, LIGHT FIXTURES, AND STRUCTURE TO ACCOMMODATE LIMITED CEILING SPACE.
- G. FOR SIMPLICITY DUCT INSULATION NOT SHOWN, DUCT SIZES INDICATED ON DRAWING ARE INTERNAL DIMENSIONS. AS NEEDED ADJUST ACTUAL SIZE FOR INSULATION THICKNESS AS SPECIFIED.
- H. ALL FLEXIBLE DUCTWORK AND CONNECTORS BETWEEN THE LOW PRESSURE DUCTWORK AND THE DIFFUSERS SHALL BE THE SIZE OF THE DIFFUSER INLET.
- I. PROVIDE & INSTALL VIBRATION ISOLATION ON ALL HANGING EQUIPMENT. PROVIDE & INSTALL VIBRATION ABSORPTION MOUNTING PADS ON ALL EQUIPMENT MOUNTED ON FLOOR.
- J. PROVIDE AND INSTALL DURODINE FLEX DUCT CONNECTORS AT ALL EQUIPMENT CONNECTIONS.
- K. ALL DUCTWORK TO BE SEALED AIRTIGHT.
- H. FRESH AIR INTAKES TO BE MINIMUM 10' FROM ANY EXHAUST TERMINATION.
- I. ALL FLOOR EQUIPMENT SHALL BE SET ON 4" HIGH CONCRETE BASES FURNISHED BY THIS CONTRACTOR.

KEYNOTES:

SPECIAL NOTES:

A. ALL MECHANICAL SYSTEMS, EXCLUDING DROPS,

TO BE INSTALLED AS HIGH AS POSSIBLE TO

PROVIDE MAXIMUM CLEARANCES FOR OWNER.

- 1. THIS SPACE IS RESERVED FOR ELECTRICAL GEAR. PIPING AND EQUIPMENT SHALL NOT BE LOCATED IN FRONT OF OR ROUTED ABOVE ELECTRICAL PANELS. COORDINATE WITH DIVISION 26.
- 2. VENTILATION CONTRACTOR TO PROVIDE AND INSTALL EXTERNAL INSULATION.

CONFLUENCE

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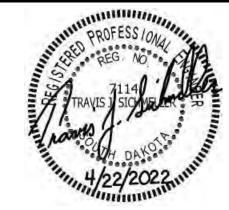
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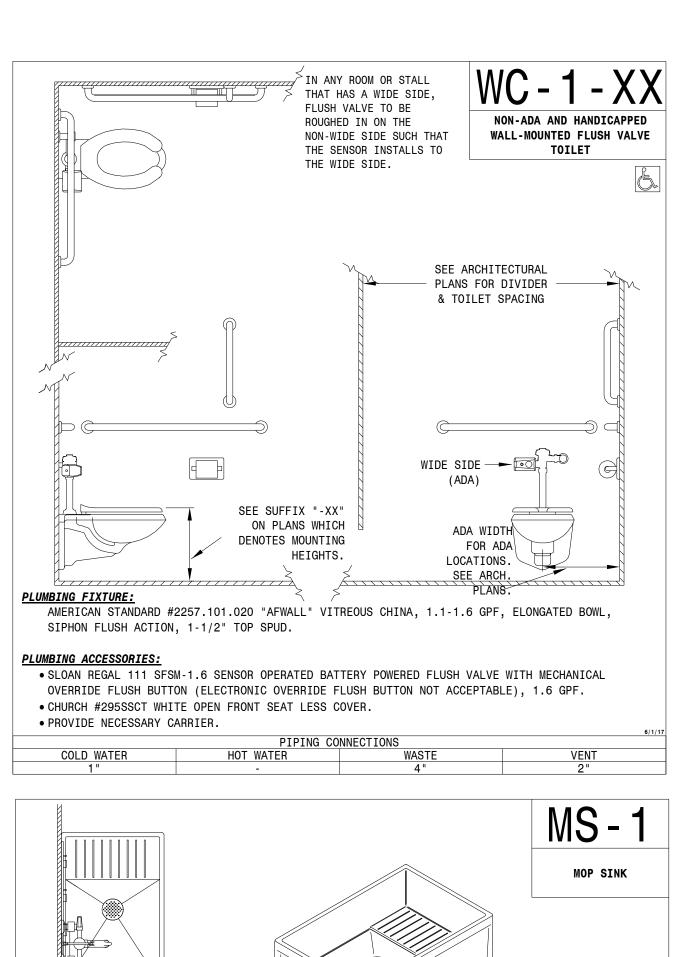
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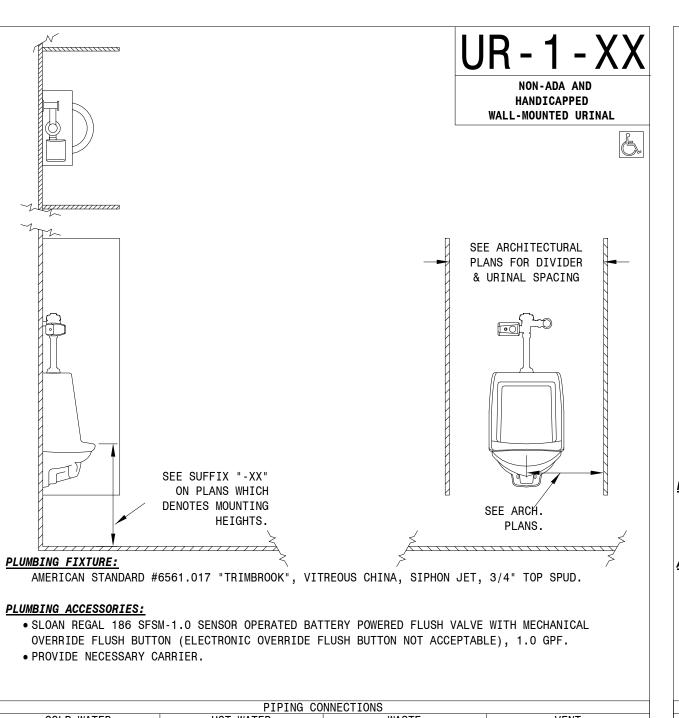


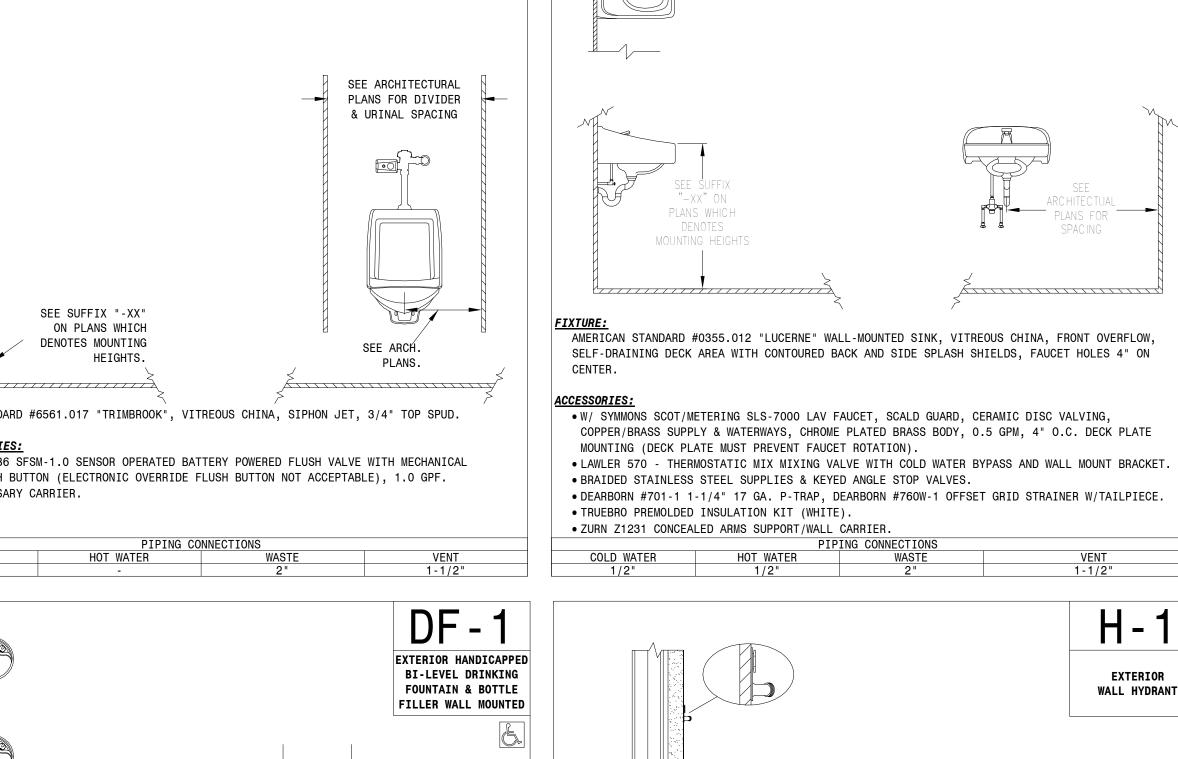
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VENTILATION PLAN

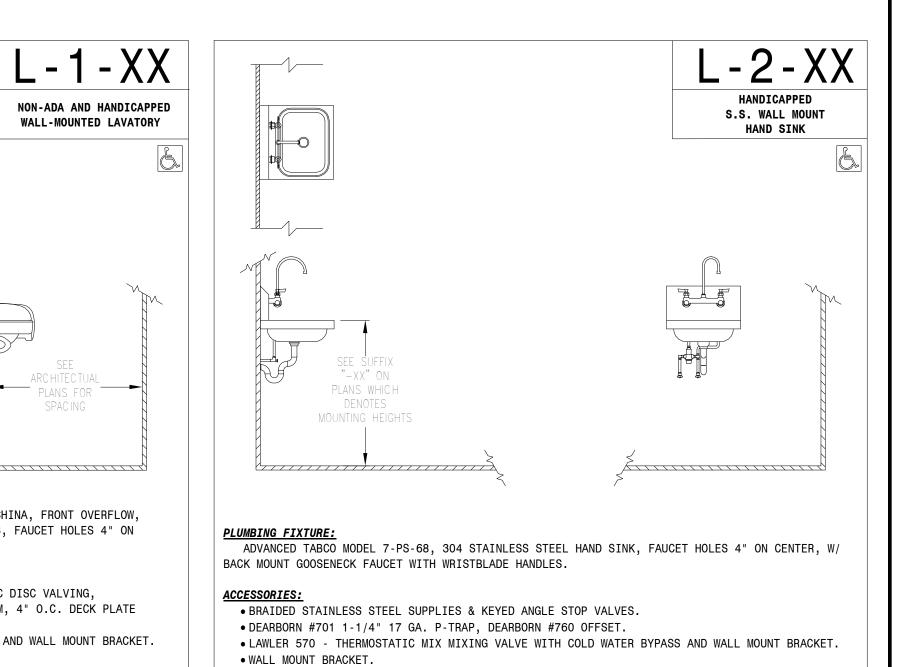
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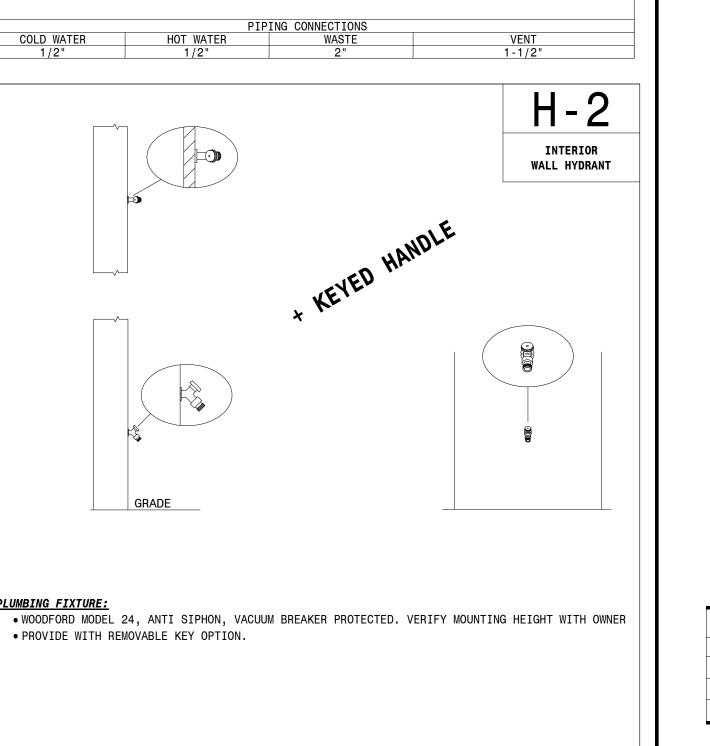


COLD WATER



• TRUEBRO PREMOLDED INSULATION KIT (WHITE).

COLD WATER SEE PLAN

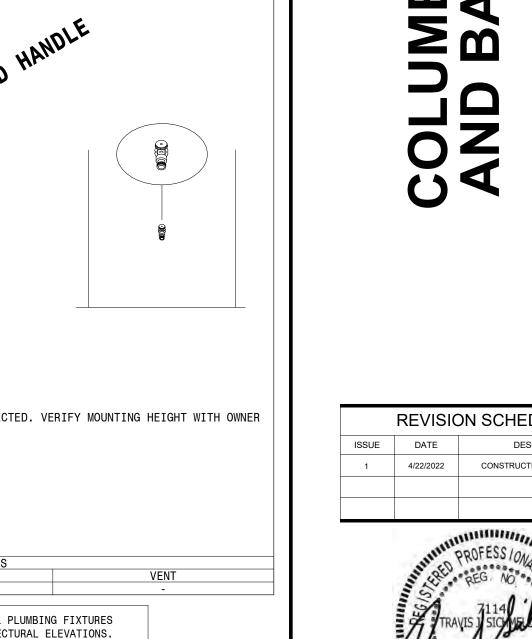


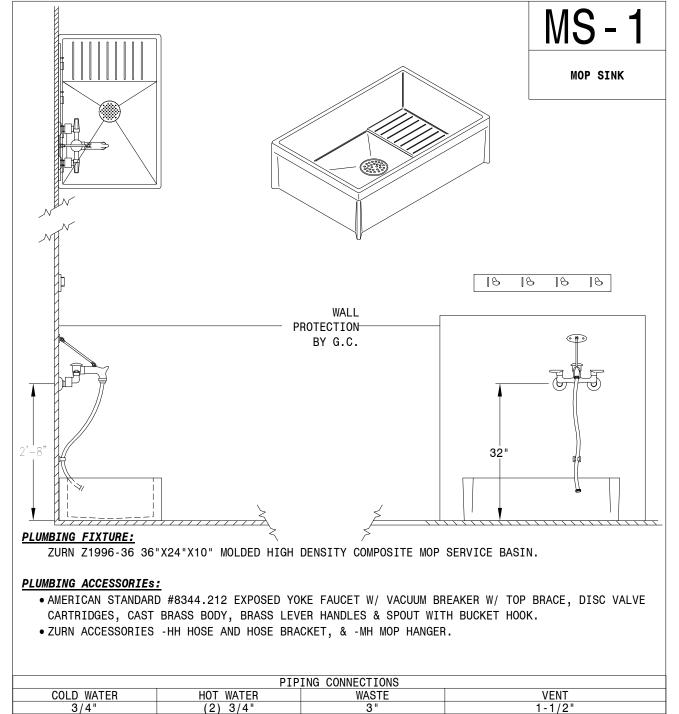
SYSTEM USING COMPRESSED AIR. PRIOR TO INSTALLATION,

SHALL SUBMIT (3) COPIES OF O&M MANUALS THAT INCLUDE

WINTERIZATION INSTRUCTIONS TO OWNER.

PLUMBING CONTRACTOR SHALL MEET WITH OWNERS REPRESENTATIVE TO DISCUSS WINTERIZATION STRATEGY. PLUMBING CONTRACTOR





SIOUX CHIEF MODEL 833-22D-(NR OR NQ) 2" CAST IRON NO-HUB CONNECTION.

TYPE) IN PEDESTRIAN LOAD AREAS ONLY.

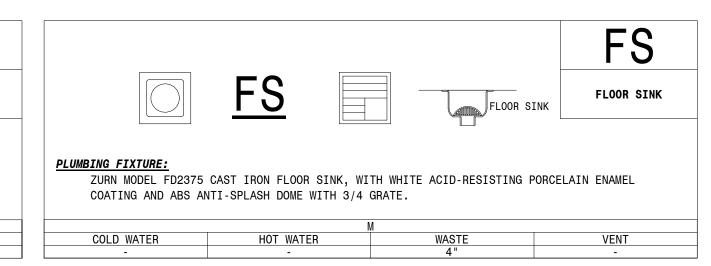
MATCH ASSOCIATED FLOOR.

COLD WATER

FOR INTENDED USE, LIGHT DUTY NICKEL (ROUND OR SQUARE STRAINER TO MATCH ASSOCIATED FLOORING

CAST IRON BODY WITH BOTTOM OUTLET, FLASHING DRAIN SHALL ALLOW ADJUSTMENT OF 1.25" BEFORE

THE CONCRETE POUR, AND 1.25" AFTER THE CONCRETE POUR WITH ROUND OR SQUARE PATTERN TO



ELKAY MODEL #LK4409BF WALL MOUNTED STEEL BI-LEVEL DRINKING FOUNTAIN & BOTTLE FILLER WITH

• ACCESSIBLE ISOLATION VALVE & DRAIN VALVE FOR INDEPENDENT WINTERIZATION OF FIXTURE.

TEXTURED POWDER COAT FINISH. SELF CLOSING, VANDAL RESISTANT PUSHBUTTON.

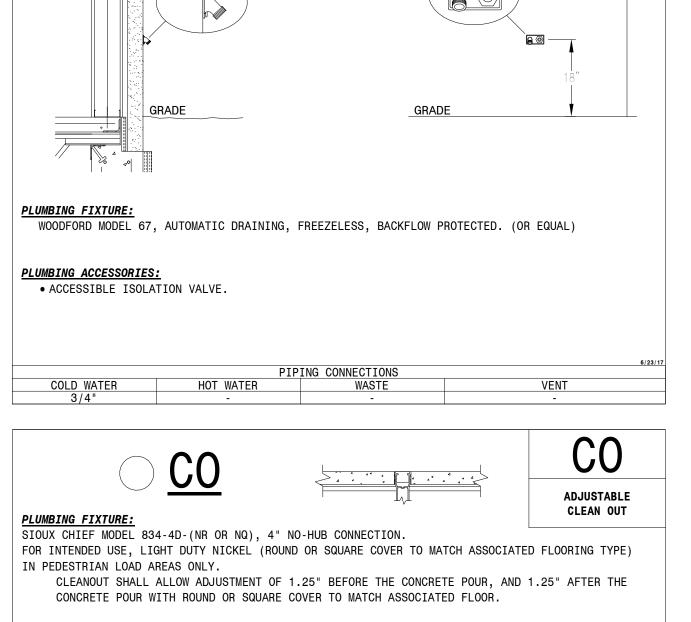
PLUMBING ACCESSORIEs:

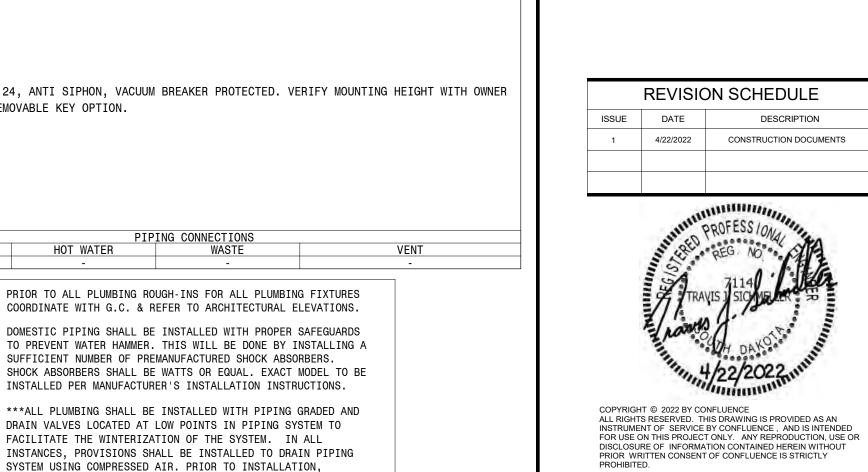
COLD WATER

2" ADJUSTABLE

FLOOR DRAIN

• COLOR TO BE GRAY (GRY).





PLUMBING FIXTURE SCHEDULE SICHMELLER ENG PROJECT # 220200751

CONFLUENCE

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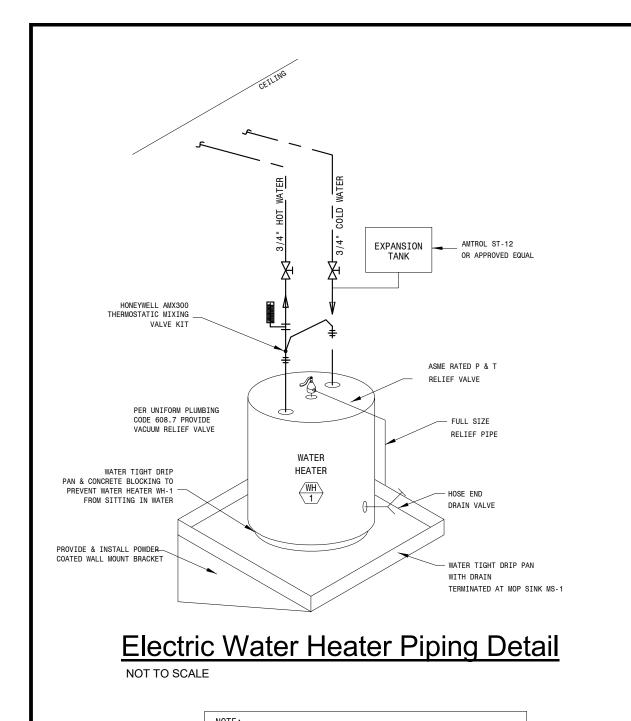
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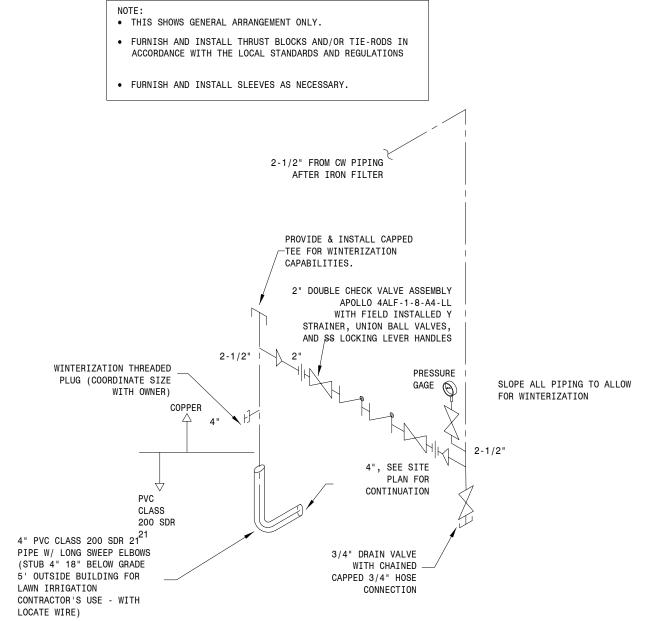
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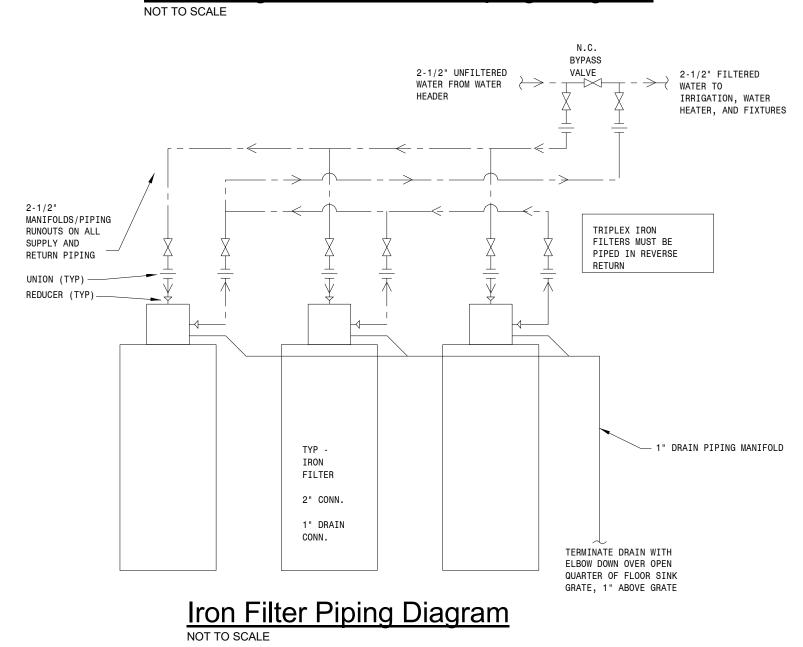
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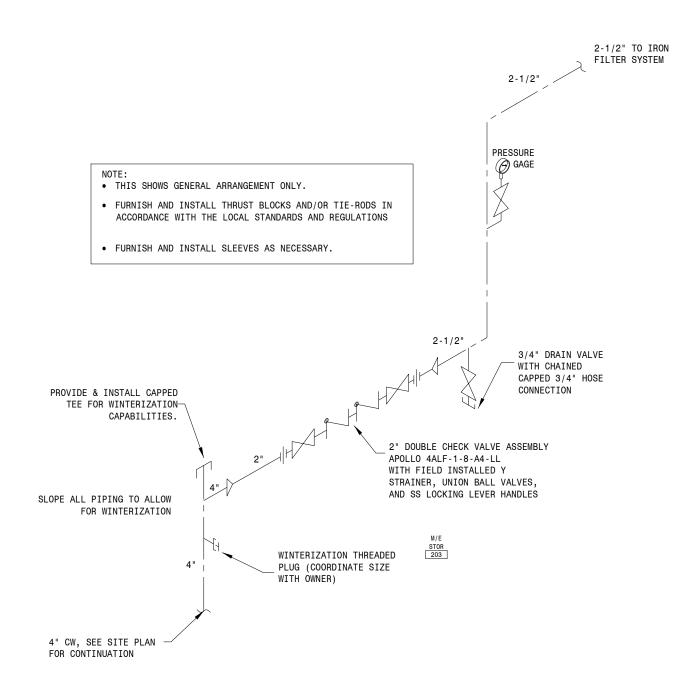


Lawn Irrigation Stub Out Piping Diagram
NOT TO SCALE



2-1/2" TO IRON FILTER SYSTEM PRESSURE GAGE THIS SHOWS GENERAL ARRANGEMENT ONLY. • FURNISH AND INSTALL THRUST BLOCKS AND/OR TIE-RODS IN ACCORDANCE WITH THE LOCAL STANDARDS AND REGULATIONS • FURNISH AND INSTALL SLEEVES AS NECESSARY. 3/4" DRAIN VALVE WITH CHAINED -CAPPED 3/4" HOSE CONNECTION TYP - PROVIDE & INSTALL CAPPED TEE FOR WINTERIZATION CAPABILITIES. 2" DOUBLE CHECK VALVE ASSEMBLY SLOPE ALL PIPING TO ALLOW APOLLO 4ALF-1-8-A4-LL FOR WINTERIZATION WITH FIELD INSTALLED Y STRAINER, UNION BALL VALVES, AND SS LOCKING LEVER HANDLES TYP - WINTERIZATION THREADED PLUG (COORDINATE SIZE WITH 2" CW, SEE SITE PLAN FOR CONTINUATION — 2" CW, SEE SITE PLAN

Restroom Building Water Header Piping Diagram



Concessions Building Water Header Piping Diagram
NOT TO SCALE

	FAN SCHEDULE											EF	
EQUIP.	MANUFACTURED & MODEL	SERVING	LOCATION	CFM	STATIC PRESS.	SONES		I	MO	TOR		UNIT	NOTES
NO.	MANUFACTURER & MODEL	SERVING	LUCATION	UFM .	(IN W.G.)	SUNES	WATTS	HP	FRPM	VOLT./PH./CY.	FLA	(LBS)	NOTES
EF-1	COOK SQN-D 100SQN12D	MEN 101, MECH/STOR 102, WOMEN 103 EXHAUST	M/E STOR. 203	420	0.375	6.5	-	1/6	1243	120/1/60	4.4	56	1,3,4,5,6
EF-2	COOK SQN-D 100SQN12D	MEN 201, M/E STOR 203, WOMEN 204 EXHAUST	M/E STOR. 203	600	0.375	6.5	-	1/6	1448	120/1/60	4.4	56	2,3,4,5,6

- NOTES: 1. RUNS WITH LIGHTS OF MEN 101, WOMEN 103, OR M/E STORAGE 102. RUNS WITH LIGHTS OF MEN 201, WOMEN 203, OR M/E STORAGE 203.
- 3. PROVIDE WITH STANDARD FACTORY WIRED DISCONNECT AND GRAVITY BACKDRAFT DAMPER. 4. PROVIDE WITH PRE-WIRED FAN SPEED CONTROLLER FOR BALANCING.
- 5. PROVIDE AND INSTALL HANGING VIBRATION ISOLATION.
- 6. PROVIDE AND INSTALL FLEXIBLE DUCT CONNECTIONS.

	LOUVER SCHEDULE										
EQUIP. NO.	MANUFACTURER & MODEL	FUNCTION	SIZE (W"XH"XD")	CFM	S.P. (IN W.G.)	FREE AREA (SQ FT)	FREE AREA VEL. (FPM)	MATERIAL	SCREEN (BIRD/INSECT)	NOTES	
LV-1	RUSKIN ELF6375DX	EF-1 EXHAUST	18"X18"X6"	420	0.03	0.92	454	ALUMINUM	Y/N	1,2,3,4	
LV-2	RUSKIN ELF6375DX	EF-2 EXHAUST	18"X18"X6"	600	0.06	0.92	649	ALUMINUM	Y/N	1,2,3,4	
NOTES:	1. PROVIDE LOUVER WIT		,			VFR.		•			

PROVIDE & INSTALL FULL SIZE PLENUM WITH FIELD INSTALLED ACCESS DOOR FOR SCREEN CLEANING.

4. SEE STATIONARY LOUVER DETAIL.

GRILLE - REGISTER - DIFFUSER SCHEDULE

EQUIP.	MANUFACTURER & MODEL	NOMINAL SIZE (W"XH")	THROAT SIZE (W"XH")	MAX CFM	MAX APD	THROW	NC	FRAME	FINISH	MATERIAL	NOTES
E-1	PRICE 630	8X8	6X6	100	0.09"	-	16	SURFACE	WHITE	ALUMINUM	1,2,3
E-2	PRICE 630	10X10	8X8	250	0.12"	-	25	SURFACE	WHITE	ALUMINUM	1,2

NOTES: 1. V.C. SHALL COORDINATE MOUNTING AND SURFACE CONSTRUCTION PRIOR TO FURNISHING MATERIAL. V.C. SHALL ALSO COORDINATE EXACT LOCATION OF EQUIPMENT

PROVIDE WITH OPPOSED BLADE BALANCING DAMPER

SERVING

& MODEL

EJC-6

WH - 1

WH-2

ELECTRIC WATER HEATER SCHEDULE OPERATING LOCATION NOTES WEIGHT SOURCE CAPACITY @ 90F RISE (LBS) WATTS C.W. H.W. V./PH./CY. MECH/STOR ELECTRIC 6 GAL. 8 GAL./HR 120/1/60 3/4" 35 + WATER 1,2,3,4,5 1650 13.75 3/4"

1650

13.75

3/4"

3/4" 35 + WATER

1,2,3,4,5

EJC-6 HOT WATER 203 NOTES: 1. PROVIDE & INSTALL AMTROL ST-12 OR APPROVED EQUAL EXPANSION TANK.

2. SEE ELECTRIC WATER HEATER PIPING DETAIL. 3. PROVIDE & INSTALL POWDER COATED WALL MOUNT BRACKET AND WATERTIGHT DRIP PAN PIPED TO MOP SINK WITH WATER HEATER ON CONCRETE BLOCKING TO PREVENT WATER HEATER FROM SITTING IN WATER, AND EXTEND PAN 6" WIDER THAN UNIT.

4. PROVIDE & INSTALL VACUUM RELIEF VALVE PER UNIFORM PLUMBING CODE 608.7.

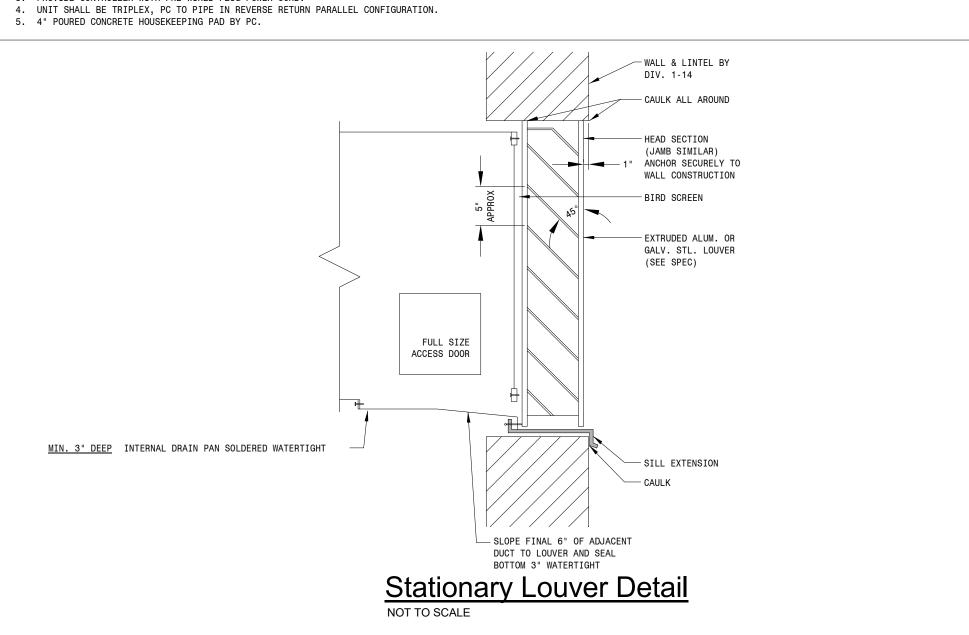
ELECTRIC

5. PROVIDE & INSTALL HONEYWELL AMX300 THERMOSTATIC MIXING VALVE KIT. WATER TO BE STORED AT 140 DEG F AND TEMPERED TO 120 DEG F WITH MIXING VALVE.

6 GAL. 8 GAL./HR 120/1/60

				WAT	ER	SOFT	ENE	R SCH	EDUL	.E					(IF)
EQUIP.	MANUFACTURER & MODEL	SERVING	LOCATION	(CU		MAX FLC (GF		BACKWASH FLOW RATE (PER UNIT)	TANK CONFIG.	MAX FLOW PRES DROP	CONNE	TING CTIONS UNIT)	INDIVIDUAL UNIT DIMENSIONS (DIA X	WEIGHT (PER UNIT) (LBS)	NOTES
				PER UNIT	TOTAL SYSTEM	PER UNIT	TOTAL SYSTEM	(GPM)		(PSI)	CW IN/OUT	DRAIN	HEIGHT) (IN)	(223)	
IF-1	WATER CONTROL IFL-16 (TRIPLEX)	DOMESTIC WATER & LAWN IRRIGATION	MECH/STOR 102	3	9	33	99	15	TRIPLEX	4	2"	1"	16X65	314 + WATER	1,2,3,4,5
IF-2	WATER CONTROL IFL-16 (TRIPLEX)	DOMESTIC WATER & LAWN IRRIGATION	M/E STOR. 203	3	9	33	99	15	TRIPLEX	4	2"	1"	16X65	314 + WATER	1,2,3,4,5
NOTES:	1. SEE IRON FILTER PIPIN 2. PROVIDE WITH TOP MOUN		NSTALL PER M IVEN, MECHAN				OF BRASS	CONSTRUCTION,	WITH INTEG	RAL CONT	ROLLER AN	D INTEGRA	L 12-DAY TIME	CLOCK.	

3. PROVIDE CONTROLLER WITH PRE WIRED PLUG POWER CORD.



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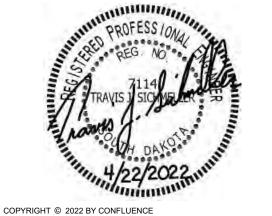
SICHMELLER **ENGINEERING** Mechanical & Electrical Engineering

801 Railroad Ave. SE Aberdeen, SD 57401 Phone: 605-225-4344

www.siceng.biz

THE SCALE INDICATED IS FOR 22"x34" DRAWING SHEETS; 11"x17" SHEETS ARE HALF THE INDICATED SCALE

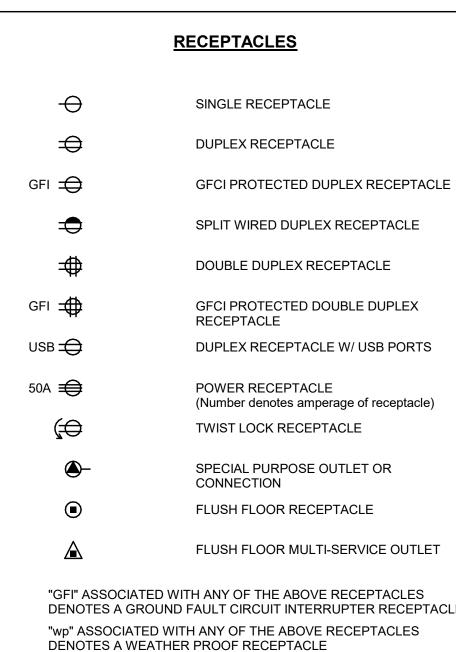




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MECHANICAL DETAILS & SCHEDULES

SICHMELLER ENG PROJECT # 220200751



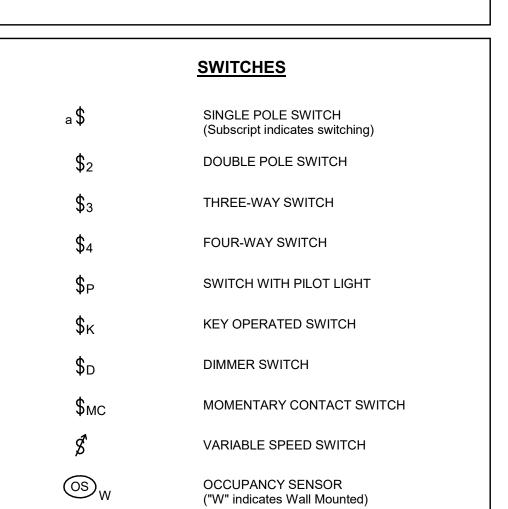
DENOTES A GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE "ac" ASSOCIATED WITH ANY OF THE ABOVE RECEPTACLES DENOTES RECEPTACLE MOUNTED ABOVE COUNTER

	<u>LIGHTING</u>
A)(b	CEILING SURFACE MOUNT FIXTURE (Capital letter indicates fixture type, Small letter indictes switching. Typical for all fixture types)
A)ÓH	WALL MOUNTED FIXTURE
A)X	RECESSED CAN FIXTURE
o A	SURFACE MOUNT FIXTURE
A	RECESSED MOUNT FIXTURE
A	RECESSED MOUNT FIXTURE WITH EMERGENCY
<u>A</u>	WALL MOUNT LINEAR FIXTURE
X	EXIT SIGN (ARROW DENOTES ARROW DIRECTION)
EM	EMERGENCY LIGHT WITH BATTERY PACK
▼ ER	SINGLE REMOTE HEAD EMERGENCY LIGHT
▼ ER	TWIN REMOTE HEAD EMERGENCY LIGHT

PHOTOELECTRIC CELL

LIGHTING CONTACTOR

CEILING FAN

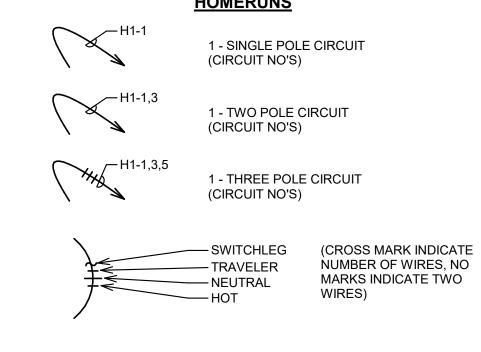


	SYSTEMS	<u>MOTORS</u>
D	DATA OUTLET	MOTOR CONNECTION
∇	INTERCOM OUTLET	DISCONNECT SWITCH SEE SCHEDULE FOR TYPE/CHARACTERISTICS
$oldsymbol{\mathcal{I}}$	COMBINATION VOICE/DATA OUTLET	FUSIBLE DISCONNECT SWITCH SEE SCHEDULE FOR TYPE/CHARACTERISTICS
lacksquare	TELEPHONE OUTLET	MOTOR STARTER
©	SINGLE FACE CLOCK	COMBINATION MOTOR STARTER/DISCONNECT
C 2	DOUBLE FACE CLOCK	MANUAL MOTOR STARTER
©H	WALL MOUNTED CLOCK	
TV	TV OUTLET	
		PANELS AND TERMINATION BOARDS
	<u>OTHER</u>	
J	JUNCTION BOX	ELECTRICAL SERVICE ENTRANCE SWITCHGEAR
B	BLANK OUTLET	

REVISION

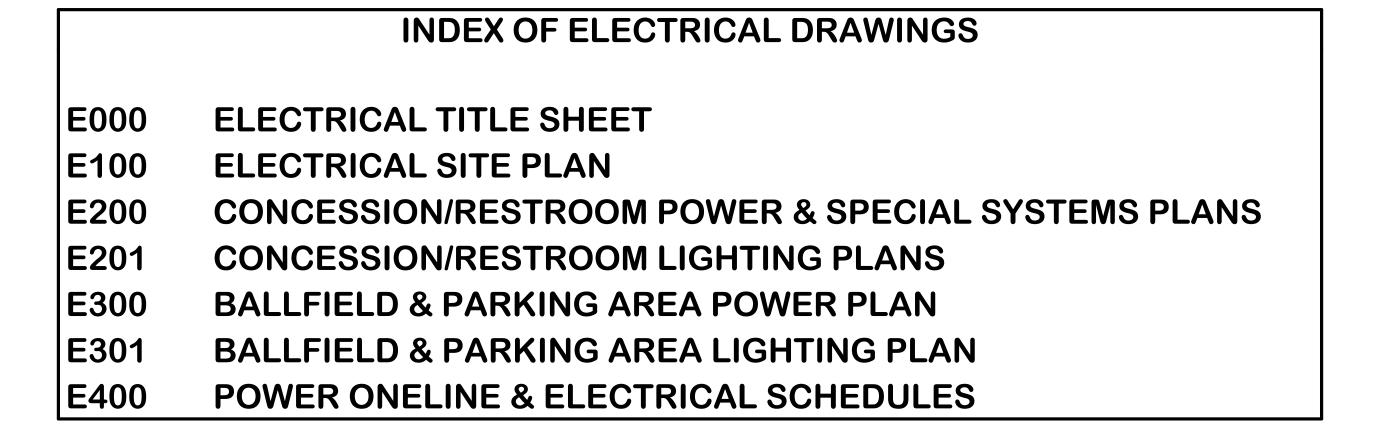
RELAY

	PUSH BUTTON		POWER DISTRIBUTION PANEL
	RELAY		PANELBOARD OR LOADCENTER
	THERMOSTAT		SPECIAL EQUIPMENT CABINET - AS NOTED
} {	TRANSFORMER (GROUND PER NEC 250)	TELE	TELEPHONE TERMINATION BOARD (4'-0" X 8'-0" TREATED PLYWOOD)
	TIME CLOCK	CATV	TELEVISION TERMINATION BOARD (4'-0" X 8'-0" TREATED PLYWOOD)
	CIRCUIT BREAKER	СОММ	COMMUNICATIONS TERMINATION BOARD (4'-0" X 8'-0" TREATED PLYWOOD)
	FUSE		(
REFE	RENCE INDICATION		<u>HOMERUNS</u>
	SEE NOTE INDICATED BY NUMBER	H1-1	1 - SINGLE POLE CIRCUIT (CIRCUIT NO'S)
	SEE EQUIPMENT INDICATED BY NUMBER	—H1-1,3	



A or AMP	AMPERE	М мсв	MAIN CIRCUIT BREAKER
a.c.	ABOVE COUNTER	M.C.	MECHANICAL CONTRACTOR
A.C.	ALTERNATING CURRENT	MCC	MOTOR CONTROL CENTER
A.D.A.	AMERICANS WITH DISABILITIES ACT	MDP	MAIN DISTRIBUTION PANEL
A/C	AIR CONDITIONING	MFS	MAIN FUSIBLE SWITCH
A/E	ARCHITECT & ENGINEER	M.H.	METAL HALIDE
A.F.F.	ABOVE FINISHED FLOOR	MLO	MAIN LUG ONLY
A.F.G.	ABOVE FINISHED GRADE	MTD	MOUNTED
A.H.J.	AUTHORITY HAVING JURISDICTION	M.V.	MERCURY VAPOR
A.H.U.	AIR HANDLING UNIT	N N.C.	NORMALLY CLOSED
A.I.C.	AMPERE INTERRUPTING CURRENT	N.E.C.	NATIONAL ELECTRICAL CODE
AL	ALUMINUM	NEMA	NATIONAL ELECTRICAL CODE
В в.и.н.	BLAST UNIT HEATER	INLIVIA	MANUFACTURERS ASSOCIATION
b.c.	BELOW COUNTER	NEU	NEUTRAL
		N.L.	NIGHT LIGHT
C C or COND	CONDUIT	N.O.	NORMALLY OPEN
CB or C/B	CIRCUIT BREAKER	О о.н.	OVERHEAR
CCT	CIRCUIT		OVERHEAD
CU	COPPER	P _P	POLE
CHU	CABINET UNIT HEATER	P.A.	PUBLIC ADDRESS
D d.c	DIRECT CURRENT	РВ	PUSH BUTTON
DC	DISTRIBUTION CABINET	PH	PHASE
DISC	DISCONNECT	PLBG	PLUMBING
DN	DOWN	pr	PAIR
DW	DISHWASHER	P.R.V.	POWER ROOF VENTILATION
E E.C.	ELECTRICAL CONTRACTOR	PS	PULL SWITCH
	ELECTRICAL CARINET	PVC	PLASTIC CONDUIT
EC	ELECTRICAL CABINET	PWR	POWER
EF	EXHAUST FAN	Q QTZ	QUARTZ
EM	EMERGENCY		
EMT EUH	ELECTRICAL METALLIC TUBING	R REC or RECEPT	RECEPTACLE
E.W.C.	ELECTRIC UNIT HEATER ELECTRIC WATER COOLER	REFRIG	REFRIGERATOR
EXP	EXPLOSION PROOF	R.H.	RADIANT HEAT
	EXPLOSION PROOF	R.M.S.	ROOT MEAN SQUARE
F FA	FIRE ALARM	S SFR	SAFETY RECEPTACLE
FACP	FIRE ALARM CONTROL PANEL	SPR	SPLIT WIRE RECEPTACLE
FBO	FURNISHED BY OTHERS	SCC	SHORT CIRCUIT CURRENT
FLA	FULL LOAD AMPERES	SHLD	SHIELD OR SHIELDED
FLU	FLUORESCENT	S.N.	SOLID NEUTRAL
FUS	FUSE OR FUSIBLE	SW	SWITCH
G gfi	GROUND FAULT CIRCUIT	Т т.с.	TEMPERATURE CONTROL
	INTERRUPTER	TC	TELEPHONE CABINET
G.C.	GENERAL CONTRACTOR	TEL	TELEPHONE
GEN	GENERATOR	TP	TAMPER PROOF RECEPTACLE
GND or GRD	GROUND	TR or TRANS	TRANSFORMER
Н н&ас	HEATING & AIR CONDITIONING		TRAINSFORMER
HD	HAND DRYER	U u.g.	UNDERGROUND
HPS	HIGH PRESSURE SODIUM	U.H.	UNIT HEATER
HTG	HEATING	U.V.	UNIT VENTILATOR
HTR	HEATER	V v	VOLT
H & V	HEATING & VENTILATION	l _w	WATT OR WIRE
HVAC	HEATING & VENTILATION & AIR		WATT OR WIRE
111/10	CONDITIONING	W/	WITH
HZ	HERTZ (CYCLES)	WP	WEATHERPROOF
I 180	ISOLATED / ISOLATION	WTR or H20	WATER
I ISO	ISOLATED / ISOLATION	X X2/1	EXPLOSION PROOF CLASS 2, DIV.
IGR	ISOLATED GROUND RECEPTACLE	X2/2	EXPLOSION PROOF CLASS 2, DIV.
I.C.	INTERRUPTING CURRENT	XFMR	TRASNFORMER
I.M.C.	INTERMEDIATE METAL CONDUIT	YY	WYE CONNECTION
INC	INCANDESCENT		55511511
J JB	JUNCTION BOX		DELTA COMMESSION
K KCMIL	THOUSAND CIRCULAR MIL	Δ	DELTA CONNECTION
KV	KILOVOLT		
KVA	KILOVOLT-AMPERE	Ø	PHASE
KW	KILOWATT		
L LED	LIGHT EMITTING DIODE		
LT.	LIGHT		
LTG	LIGHTING		

ABBREVIATIONS





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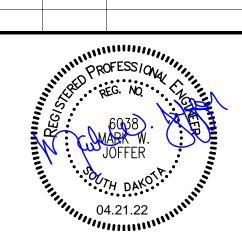
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REVISION SCHEDULE

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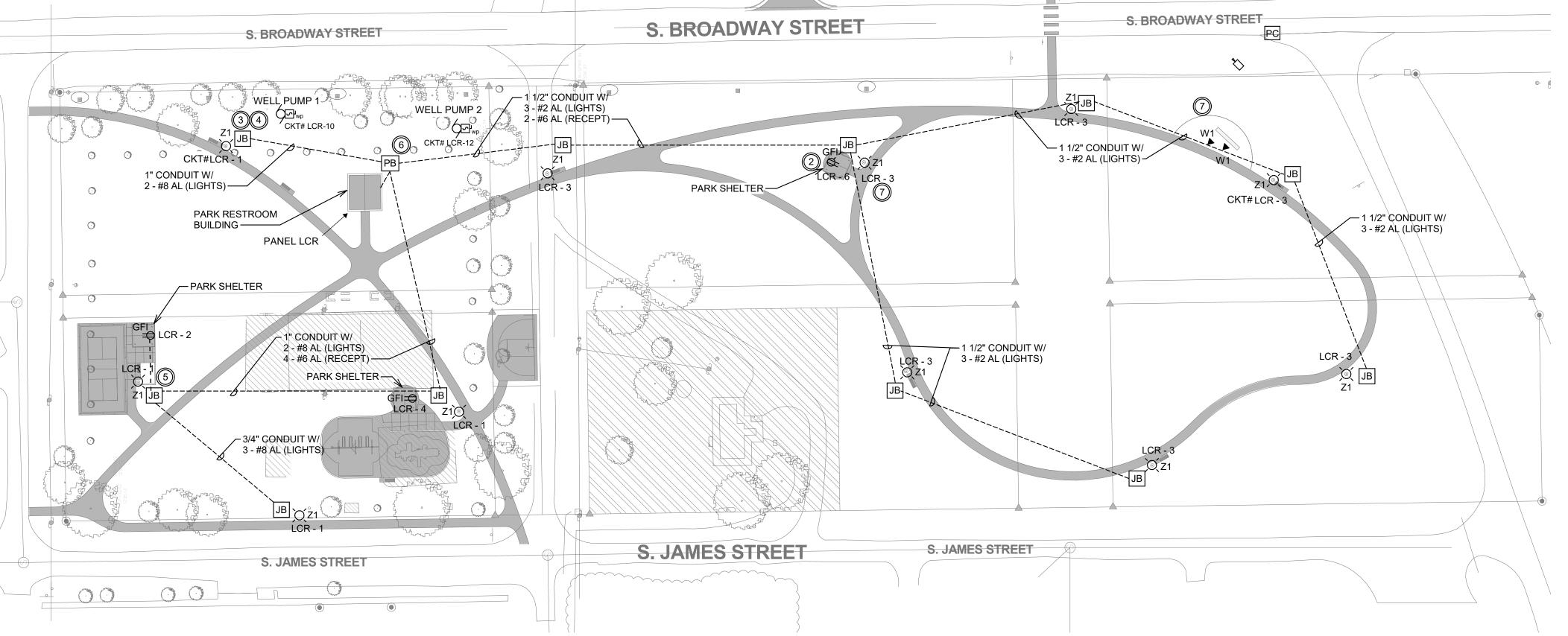


ELECTRICAL TITLE SHEET

CONFLUENCE PROJECT # 21382



- 1. Route buried conduit such that it runs parallel to sidewalks. Maintain 24inch offset from sidewalk.
- 2. Provide 120V, weatherproof, GFCI receptacle at Picnic Shelter. Coordinate exact location with owner prior to rough-in. Typical.
- 3. Provide 12" x 12" in-ground j-box. Box shall be Quazite concrete polymer type. Cover logo shall read "ELECTRIC". Typical for all junction boxes
- 4. Splice conductors within in-ground j-boxes utilizing waterproof, submersible, hydraulic compression splicing method. Typical of all splices.
- 5. Splice #12 CU conductors to larger Aluminum conductors in splice box at pole and receptacle locations. Run 3 - #12 CU conductors in 3/4" conduit from splice box to it associated light pole / receptacle. Typical.
- 6. Provide 24" x 24" in-ground Pull box. Box shall be Quazite concrete polymer type. Cover logo shall read "ELECTRIC". Typical for all Pull boxes
- 7. Control on/off operation of Park pole lights and flood lights via photocell, mounted on Restroom building. Typical.
- 8. Control on/off operation of Parking Lot pole lights Type Z1 pole light (just West of Concession building) via photocell, mounted on Concessions building. Typical.
- 9. Power this light fixture from Shelter Lighting circuit. See Sheet E300.
- 10. Field coordinate exact location of Well Pump with Well Driller and provide material and labor as required. Typical for all Well Pumps.



ELECTRICAL SITE PLAN

) Z2

CKT#

LCC-19

CKT# OZ2

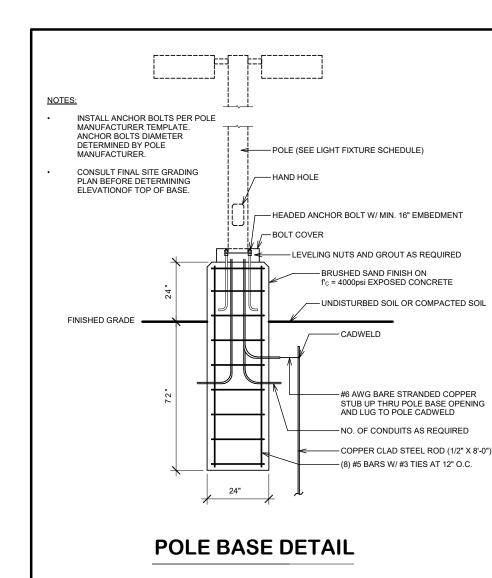
LCC-19

PANEL LCC

WELL, PUMP

CKT# LCC-29

® CKT# LCC-19





SEE SHEET E300 AND E301

WITH NEW BALLFIELD.

OF ELECTRICAL ASSOCIATED

IF THE LENGTH OF THE BAR EQUALS 1 INCH, THE SCALE IS AS INDICATED. IF THE LENGTH OF THE BAR DOES NOT EQUAL TO 1 INCH, ADJUST THE SCALE CONFLUENCE

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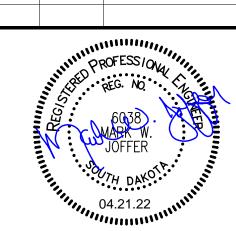


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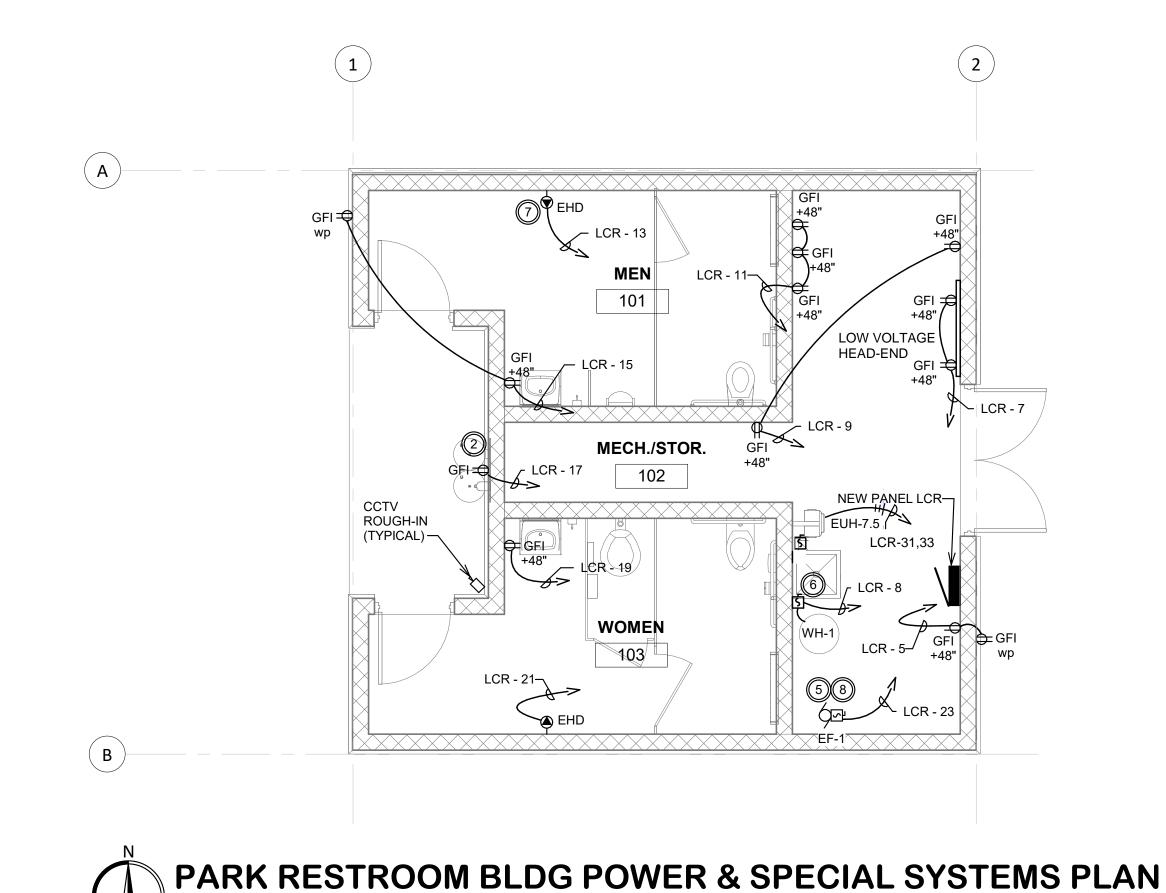
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ELECTRICAL SITE PLAN

CONFLUENCE PROJECT # 21382

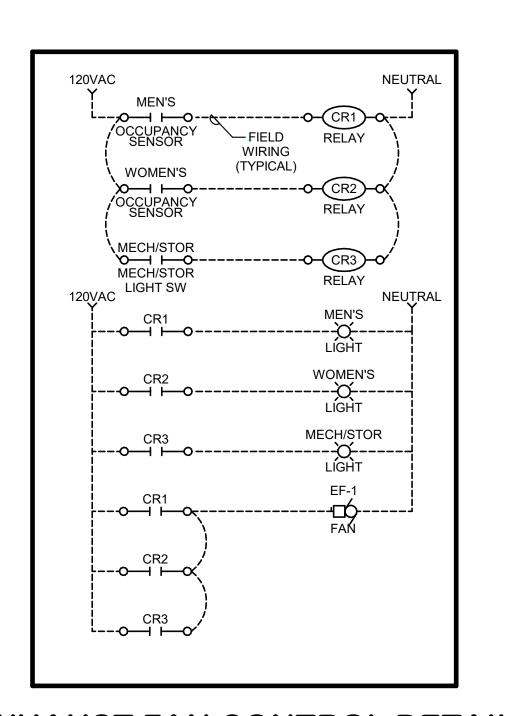
E200 ELECTRICAL NOTES

- 1 LOCATIONS SHOWN FOR SWITCHES, RECEPTACLES, TV OUTLETS, SOUND OUTLETS, ETC. ARE GENERAL IN NATURE. COORDINATE FINAL LOCATION OF THESE OUTLETS WITH OWNER AND OTHER CONTRACTORS PRIOR TO ROUGH-IN. NOTE; IF CONFLICTS ARISE WITH ROUGH-IN LOCATIONS FOR THESE OUTLETS BECAUSE ELECTRICAL CONTRACTOR FAILED TO PERFORM THE COORDINATION NOTED ABOVE, IT SHALL BE THE ELECTRICAL CONTRACTOR'S SOLE RESPONSIBILITY TO RESOLVE THE ISSUE TO THE ENGINEER AND OWNER'S SATISFACTION AT NO COST TO THE OWNER.
- 2 COORDINATE RECEPTACLE LOCATION WITH ELECTRIC WATER COOLER IN ORDER TO MAKE AS INCONSPICUOUS AS POSSIBLE.
- 3 TAMPER PROOF RECEPTACLES SHALL BE PROVIDED FOR ALL 120V RECEPTACLES SHOWN.
- 4 PROVIDE TYPED LABEL ON EACH 120-VOLT AC RECEPTACLE WALL PLATE, INDICATING THE CIRCUIT THAT POWERS THE RECEPTACLE. TYPICAL.
- 5 PROVIDE A LOCAL 120V FUSIBLE, DISCONNECT SWITCH FOR 120V MOTOR LOADS. FOR MOTOR LOADS OF ½ HP AND LESS, PROVIDE BUSSMAN TYPE SSU FUSIBLE DISCONNECT SWITCH WITH CLASS T, TIME DELAY FUSE. AMP RATING OF FUSE SHALL BE DETERMINED IN ACCORDANCE WITH NEC ARTICLE 430.52. WHERE MOTOR HP RATING IS ¾ HP OR 1 HP PROVIDE SQUARE D 2510FO1 HP RATED TOGGLE SWITCH WITH MOTOR OVERLOAD ELEMENT SIZED PER NEC 430. TYPICAL FOR ALL 120V MOTOR LOADS SHOWN.
- 6 PROVIDE A LOCAL 120V DISCONNECT SWITCH FOR WATER HEATER. PROVIDE BUSSMAN TYPE SSU FUSIBLE DISCONNECT SWITCH WITH CLASS T, TIME DELAY FUSE. AMP RATING OF FUSE SHALL BE DETERMINED IN ACCORDANCE WITH NEC ARTICLE 430.52. TYPICAL FOR ALL 120V WATER HEATERS.
- 7 <varies>
 8 INTERLOCK OPERATION OF EXHAUST FAN WITH LIGHTS IN TOILET ROOMS AND STORAGE ROOM SO THAT FAN RUNS WHEN LIGHTS IN ANY OF THESE ROOMS ARE ON. SEE FAN CONTROL DETAIL.
- 9 PROVIDE ROUGH-IN FOR FUTURE CCTV SECURITY SYSTEM, ROUGH-IN SHALL CONSIST OF A SINGLE GANG FLUSH MOUNT BOX WITH EMPTY 3/4" CONDUIT RUN BACK TO LOW VOLTAGE HEAD END BOARD. PROVIDE GASKETED BLANK COVER OVER UNUSED OUTLET. TYPICAL.
- 10 PROVIDE ROUGH-IN FOR FUTURE SOUND/PA SPEAKER, ROUGH-IN SHALL CONSIST OF A SINGLE GANG FLUSH MOUNT BOX WITH EMPTY 3/4" CONDUIT RUN BACK TO LOW VOLTAGE HEAD END BOARD. PROVIDE GASKETED BLANK COVER OVER UNUSED OUTLET. TYPICAL.
- 11 PROVIDE MOMENTARY CONTACT KEYED SWITCH (WEATHERPROOF). PROVIDE 3/4" CONDUIT BETWEEN SWITCHBOX AND ELECTRIC DOOR OPENER TO ACCOMMODATE WIRING BETWEEN SWITCH AND OPENER. PROVIDE 2C/18AWG CABLE FROM SWITCH TO DOOR OPENER AND TERMINATE PER OPENER DIRECTIONS.
- 12 PROVIDE SINGLE GANG FLUSH MOUNT BOX WITH EMPTY 3/4" CONDUIT BACK TO LOW VOLTAGE HEAD END BOARD. THIS IS TO ACCOMMODATE FUTURE PA SYSTEM CABLING.

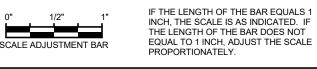


	ELECTRIC HAND DRYER SCHEDULE										
UNIT NO.	MANUFACTURER	MODEL NUMBER	ELECTRICAL DATA	REMARKS							
EHD	EXCEL	XL-SB-120	120 V/1-1490 VA	HIGH VELOCITY HAND DRYER - BRUSHED STAINLESS							

	ELECTRIC HEAT SCHEDULE										
MARK	MANUFACTUR ER	CATALOG NUMBER	TYPE	RATING	VOLTAGE	UNIT LOCATION	REMARKS				
EUH-7.5	QMARK	MWUH7504	RESIST	7500 VA	240 V	MECH RM					



EXHAUST FAN CONTROL DETAIL



134

PROFESSIONAL ENGINEERS

5 NORTH MAIN AVE ● PARKER, SD ● 57053 : (605) 297-3647 ● FAX: (605) 297-3681 AIL: info@pegroupengr.com CONFLUENCE

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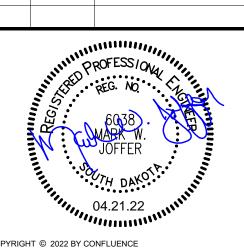
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> OLUMBIA PARK ND BALLFIELD

REVISION SCHEDULE

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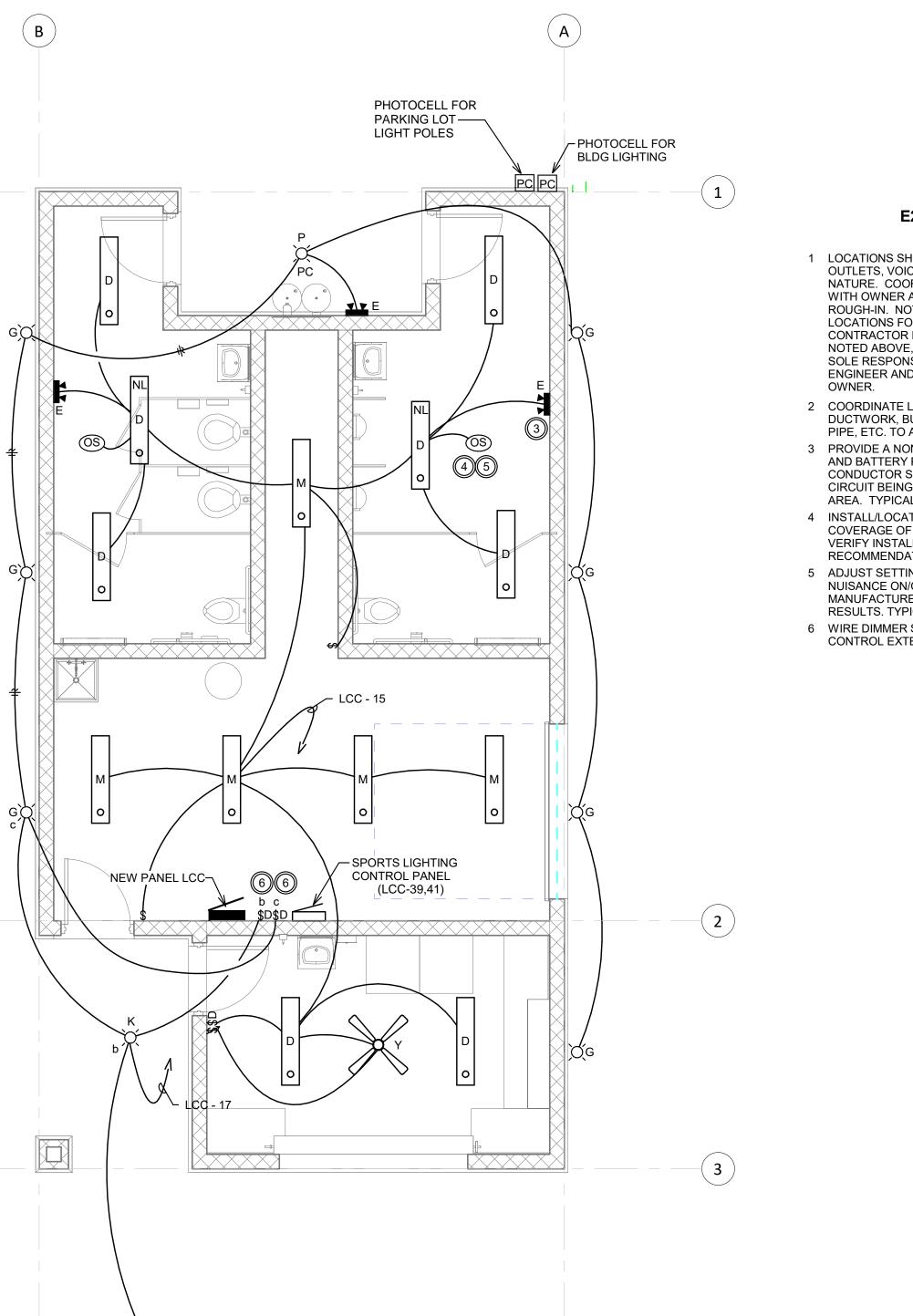
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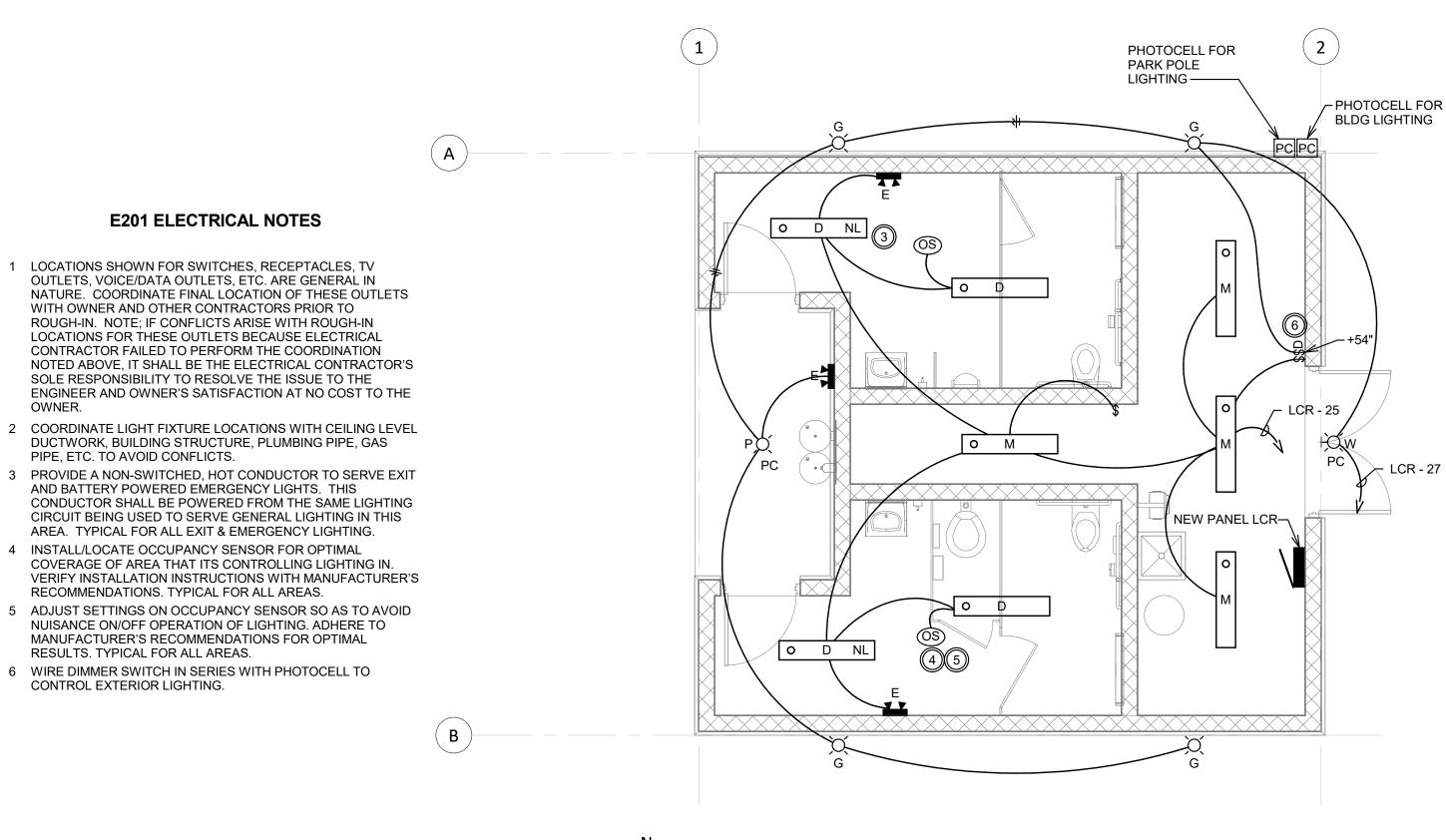


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CONCESSION/RESTROOM POWER & SPECIAL SYSTEMS PLANS

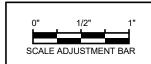
CONFLUENCE PROJECT # 21382





		LIG	HT F	ΊXΊ	TURE	SCH	IED I	JLE	
TYPE	MANUFACTURER	CATALOG NUMBER	MOUNTING	LAMP TYPE	WATTAGE	LAMP CAT. NUMBER	FIXTURE LUMENS		ADDITIONAL MANUFACTURERS
D	FAIL-SAFE	FVS8 M 4 LD4 2 LO 40 120 P125 EDD1	CEIL/SURF	LED	46 W	FURN W/ FIXTURE	5675 lm	4' VANDEL RESISTANT WRAP	LITHONIA/ COLUMBIA
Е	SURE-LITES	SELD W T A 29 BK SD	WALL/SUR F	LED	2 W	FURN W/ FIXTURE	300 lm	LED EMERGENCY BATTERY PACK	LITHONIA/ COLUMBIA
F	LUMARK	CLCSLED 40 SM UNV BPC	CEIL/SURF	LED	36 W	FURN W/ FIXTURE	4839 lm	LED CANOPY LUMINAIRE	COOPER/ COLUMBIA
G	HALO	HLBPH6 09 9FS 1E MW HL6RSMF	CEIL/REC	LED	14 W	FURN W/ FIXTURE	1080 lm	6" LED DOWNLIGHT	LITHONIA/ COLUMBIA
K	PORTFOLIO	LSR8B 60 D010TF MB EC8B 5070 8040 8LB M H P836MB 3C	CEIL/SURF	LED	60 W	FURN W/ FIXTURE	6000 lm	8" LED CEILING MOUNT CYLINDER	LITHONIA/ COLUMBIA
М	LITHONIA LIGHTING	MNSL L48 2LL MVOLT 40K 80CRI M6 HC36	CHAIN	LED	35 W	FURN W/ FIXTURE	4500 lm	4' LED STRIP LIGHT	COOPER/ COLUMBIA
Р	MCGRAW-EDISO N	LRC B 16 7 LED E1 MST	CEIL/REC	LED	37 W	FURN W/ FIXTURE	3099 lm	LED RECESSED CANOPY LIGHT	LITHONIA/ COLUMBIA
W	LUMARK	AXCS2ARL BK PC1	WALL/SUR F	LED	21 W	FURN W/ FIXTURE	2716 lm	LED WALL PACK	LITHONIA/ COLUMBIA
W1	LUMARK	AXCS2A BK KKIT/AXCS-XX	STANTION	LED	21 W	FURN W/ FIXTURE	11792 lm	LED FLOOD LIGHT	LITHONIA/ COLUMBIA
Υ	WESTINGHOUSE	7812700	CEIL/SURF	-	67 W	-	0 lm	4 BLADE, 56" CEILING FAN	SUBMIT FOR APPROVAL
Z1	KING LUMINAIRE	K828-P4SA-V-100-SSL-8060-120-4K -BK WITH KYC NF 10 E30 DB NA POLE AND KA40-A-T-1-3 ARM	POLE	LED	100 W	FURN W/ FIXTURE	11792 lm	LED DECRATIVE POLE LIGHT	SUBMIT FOR APPROVAL
Z2	KING LUMINAIRE	K828-P4SA-III-150-SSL-8084-120-P EBC-4K-BK WITH KYH-NF-20-E30-NA POLE AND KA30-A-T-2-6 ARM	POLE	LED	150 W	FURN W/ FIXTURE	17123 lm	LED DECRATIVE POLE LIGHT	SUBMIT FOR APPROVAL
Z4	LITHONIA	DSXF2LED P2 40 70 MSP MVOLT IS DBLXD	BRACKET	LED	80 W	FURN W/ FIXTURE	9977 lm	LED FLOOD LIGHT, 4000K NOTE 1	COOPER /COLUMBIA

NOTE 1 - Provide 3-arm wrap around pole 120 degree pole bracket for lights similar to the unit shown in the following link: https://www.lightmart.com/3-arm-wrap-around-bracket-for-wood-poles-with-10-13-inch-diameter-with-arms-at-120-degrees/



IF THE LENGTH OF THE BAR EQUALS 1 INCH, THE SCALE IS AS INDICATED. IF THE LENGTH OF THE BAR DOES NOT EQUAL TO 1 INCH, ADJUST THE SCALE PROPORTIONATELY.





PARK RESTROOM BLDG LIGHTING PLAN

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OP

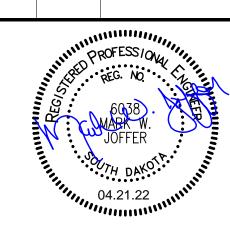
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THE SCALE INDICATED IS FOR 22"x34" DRAWING SHEETS; 11"x17" SHEETS ARE HALF THE INDICATED SCALE

UMBIA PARK BALLFIELD

REVISION SCHEDULE

1 4/22/2022 CONSTRUCTION DOCUMENTS



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CONCESSION/RESTROOM LIGHTING PLANS

CONFLUENCE PROJECT # 21382

EQ	UIPMEI	NT LIST	FOR AR	EAS SHO	OWN						
		Pole		Luminaires							
QTY	LOCATION	CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE Type	QTY / POLE					
2	A1-A2	LSS60AA	-	60'	TLC-LED-900	2					
				15.5'	TLC-BT-575	1					
				60'	TLC-LED-1200	1					
1	B1	LSS60A	-	60'	TLC-LED-1200	3					
				15.5'	TLC-BT-575	1					
				60'	TLC-LED-900	2					
1	B2	LSS60AA	-	60'	TLC-LED-1200	2					
				15.5'	TLC-BT-575	1					
				60'	TLC-LED-900	2					
1	C1	LSS60AA	-	15.5'	TLC-BT-575	2					
				60'	TLC-LED-900	4					
1	C2	LSS60AA	-	60'	TLC-LED-900	3					
				15.5'	TLC-BT-575	2					
				60'	TLC-LED-1200	1					
6			TOTAL	S	_	31					

Type	Source	Wattage
TLC-LED-900	LED 5700K - 75 CRI	890W
TLC-LED-1200	LED 5700K - 75 CRI	1170W
TLC-BT-575	LED 5700K - 75 CRI	575W



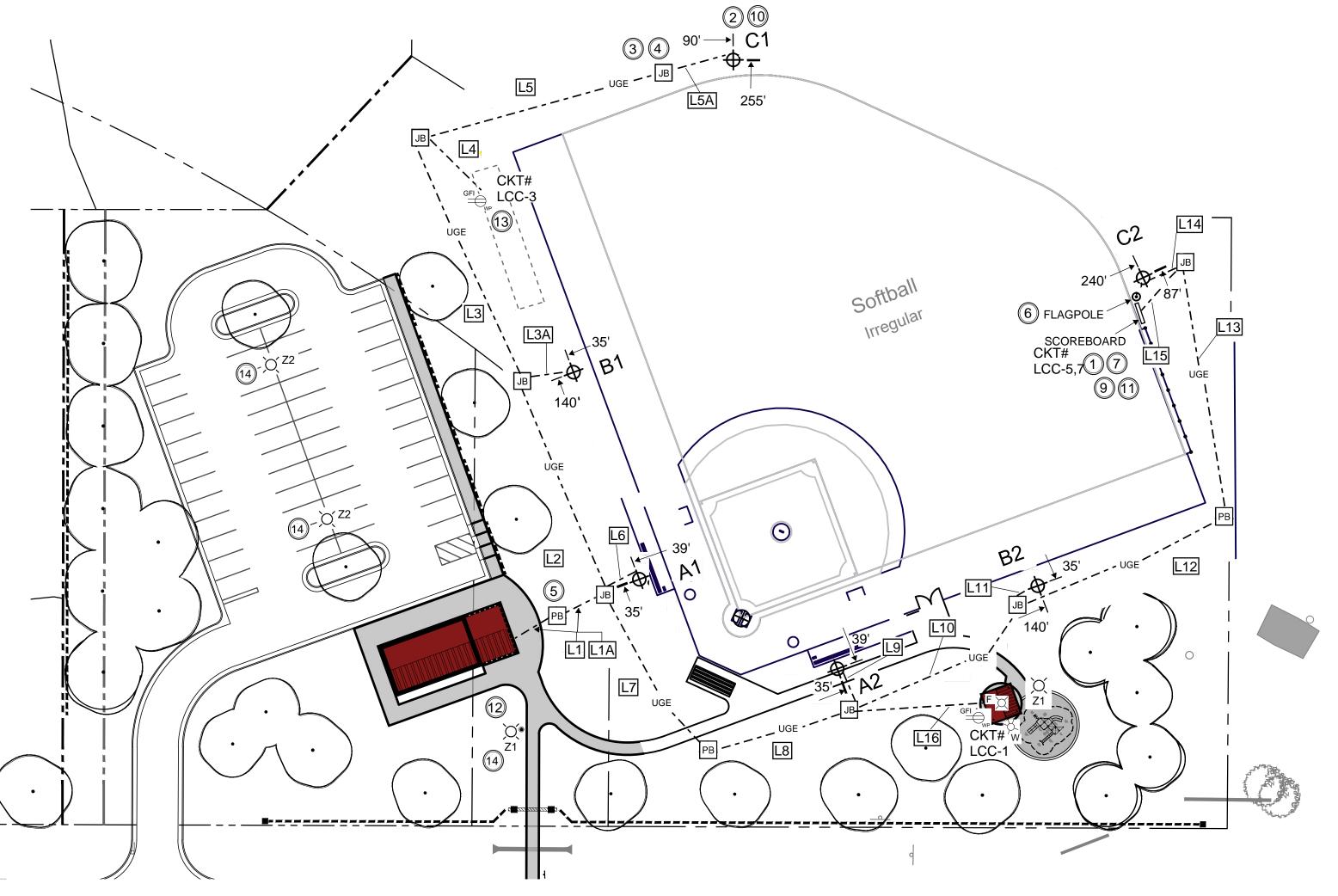
NOTES

- 1. EXISTING SCOREBOARD RELOCATED TO THIS LOCATION.
- 2. PROVIDE NEW LIGHT POLE. TYPICAL OF SIX (6). SEE SITE LIGHTING PLAN.
- 3. PROVIDE 24" X 24" IN-GROUND JUNCTION BOX (J-BOX). BOX SHALL BE QUAZITE POLYMER CONCRETE TYPE. COVER LOGO SHALL READ; "ELECTRIC". TYPICAL FOR ALL JUNCTION BOXES SHOWN.

4. SPLICE CONDUCTORS WITHIN IN-GROUND J-BOX UTILIZING WATERPROOF SUBMERSIBLE HYDRAULIC

- COMPRESSION SPLICE METHOD. TYPICAL OF ALL SPLICES.
- 5. PROVIDE 24" X 24" IN-GROUND PULLBOX BOX. BOX SHALL BE QUAZITE POLYMER CONCRETE TYPE. COVER LOGO SHALL READ; "ELECTRIC". TYPICAL FOR ALL PULL BOXES SHOWN.
- 6. POWER FOR FLAGPOLE LIGHTS SHALL BE TAPPED FROM SCOREBOARD ELECTRICAL FEEDER.
- 7. REPLACE EXISTING SCOREBOARD DISCONNECT WITH NEW 30A/2P FUSIBLE DISCONNECT AND INSTALL ON SCOREBOARD SUPPORT STRUCTURE. FUSE PER SCOREBOARD MANUFACTURER'S INSTRUCTIONS. ALSO, PROVIDE NEW SCOREBOARD CONTROL CONDUIT AS SHOWN.
- 8. COORDINATE ROUTING AND INSTALLATION OF ALL UNDERGROUND CONDUIT AND ASSOCIATED INGROUND BOXES WITH ARCHITECT & OWNER PRIOR TO INSTALLATION.
- 9. PROVIDE NEW CONDUIT SYSTEM FOR SCOREBOARD CONTROL WIRING. CONDUIT RUN SHALL BE 1" IN SIZE AND HAVE PULLBOXES AS REQUIRED. CONDUIT SHALL RUN FROM SCOREBOARD TO HOMEFIELD DUGOUT. (CONDUIT & BOXES NOT SHOWN ON THIS DRAWING). COORDINATE CONDUIT ROUTING WITH OWNER PRIOR TO INSTALLATION. TERMINATE CONDUIT RUN IN DUGOUT IN A GASKETED, SINGLE GANG WP BOX. INSTALL NEW OWNER FURNISHED SCOREBOARD CONTROL WIRING FROM SCOREBOARD CONTROLLER TO SCOREBOARD.
- 10. INSTALL NEW POLE UTILIZING MANUFACTURER'S PRECAST CONCRETE BASE BURIED IN THE GROUND. BURY BASE TO DEPTH AND BACKFILL REQUIREMENTS AS REQUIRED BY POLE MANUFACTURER. TYPICAL OF FOUR (4) POLES.
- 11. PROVIDE POWER TO SCOREBOARD FROM NEW PANEL LCC IN THE CONCESSION STAND BUILDING.
- 12. POWER FOR LIGHT POLES SHALL BE DERIVED FROM LIGHTING CONTROL CABINET, LOCATED IN CONCESSION BUILDING.
- 13. PROVIDE 120V, GFCI RECPTACLE AT BATTER'S CAGE FOR FUTURE PITCHING MACHINE. COORDINATE EXACT LOCATION OF RECEPTACLE WITH OWNER PRIOR TO ROUGH-IN.
- 14. POWER THIS LIGHT VIA PHOTOCELL ON CONCESSIONS BUILDING. SEE ELECTRICAL SITE PLAN SHEET E100.









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PROPORTIONATELY.

IF THE LENGTH OF THE BAR FOUALS 1

INCH, THE SCALE IS AS INDICATED. IF THE LENGTH OF THE BAR DOES NOT EQUAL TO 1 INCH, ADJUST THE SCALE

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BALLFIELD & PARKING AREA POWER PLAN

CONFLUENCE PROJECT # 21382

NOTES

1. PROVIDE NEW LIGHT POLE WITH LIGHTS AS CALLED OUT ON EQUIPMENT LIST. TYPICAL OF SIX (6).

2. COORDINATE ALL LIGHT POLE AND ASSOCIATED LIGHT FIXTURE LAYOUT WITH LIGHTING SUPPLIER PRIOR TO POLE INSTALLATION.

3. PROVIDE LIGHTING MANUFACTURER'S LIGHT FIXTURE AIMING DIAGRAM TO PE GROUP FOR REVIEW, AS PART OF SHOP DRAWING PROCESS.

4. INSTALL NEW POLE UTILIZING MANUFACTURER'S PRECAST CONCRETE BASE BURIED IN THE GROUND. BURY BASE TO DEPTH AND BACKFILL REQUIREMENTS AS REQUIRED BY POLE MANUFACTURER. TYPICAL OF SIX (6) POLES.

5. PROVIDE THREE (3) NEW TYPE Z4 LIGHT FIXTURES TO ILLUMINATE FLAG. INSTALL FIXTURES IN A CIRCULAR PATTERN, SPACING FIXTURES 120 DEGREES APART FROM EACH OTHER. UTILIZE POLE BRACKET FOR MOUNTING.

6. PROVIDE NEW PHOTOCELL ON SCOREBOARD STRUCTURE TO CONTROL FLAGPOLE LIGHTS.

7. PROVIDE NEW PHOTOCELL ON SHELTER STRUCTURE TO CONTROL SHELTER LIGHT AND NEARBY TYPE Z1 POLE LIGHT.

8. DIMENSIONS FOR POLE LOCATIONS ARE MEASURED AGAINST 1ST BASE LINE AND 3RD BASE LINE RESPECTIVELY. COORDINATE EXACT LOCATION OF POLES WITH SPORTS LIGHTING MANUFACTURER AND ACTUAL FIELD CONDITIONS. ADJUST CONDUIT AND WIRE RUNS ACCORDINGLY.

*** **********************************	3 FIXTURES SPACED (9 120 DEG APPART A FORMER PRICE DESTING TAKE POLE USCHING ORICLIT VAN NEW PROTOCOLL A Than Name
FLAG LIGHTING DETA	<u>AIL</u>

EQ	UIPMEI	NT LIST	FOR AR	EAS SHO	OWN	
		Pole			Luminaires	
QTY	LOCATION	CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
2	A1-A2	LSS60AA	-	60'	TLC-LED-900	2
				15.5'	TLC-BT-575	1
				60'	TLC-LED-1200	1
1	B1	LSS60A	-	60'	TLC-LED-1200	3
				15.5'	TLC-BT-575	1
				60'	TLC-LED-900	2
1	B2	LSS60AA	-	60'	TLC-LED-1200	2
				15.5'	TLC-BT-575	1
				60'	TLC-LED-900	2
1	C1	LSS60AA	-	15.5'	TLC-BT-575	2
				60'	TLC-LED-900	4
1	C2	LSS60AA	-	60'	TLC-LED-900	3
				15.5'	TLC-BT-575	2
				60'	TLC-LED-1200	1
6			TOTAL	S		31

ı	TLC-BT-575	LED 5700K - 75 CRI	575W	575W 52,000 >120,000		,000 >1	>120,000		8
	Calculation Grid Summary	1							
l	Grid Name	Calculation Metric			Illumination			Circuits	Fixture Qty
ı	Grid Name	Calculation Wethic	Ave	Min	Max	Max/Min	Ave/Min	Circuits	Fixture Qty
ı	Batting Cage	Horizontal	28.3	21	36	1.68	1.35	Α	31
l	Softball Spill - 150'	Horizontal Illuminance	0.01	0	0.10	0.00		А	31
l	Softball Spill - 150'	Max Candela Metric	629	0.15	3957	27245.87	4196.62	Α	31
	Softball Spill - 150'	Max Vertical Illuminance Metric	0.02	0	0.23	0.00		Α	31
ł	Softball (Infield)	Horizontal Illuminance	51.2	40	60	1.50	1.28	Α	31
	Softball (Outfield)	Horizontal Illuminance	31.5	24	48	2.03	1.31	А	31

890W 89,600 >120,000 >120,000 15 136,000 >120,000 >120,000 >120,000

Source

LED 5700K - 75 CRI

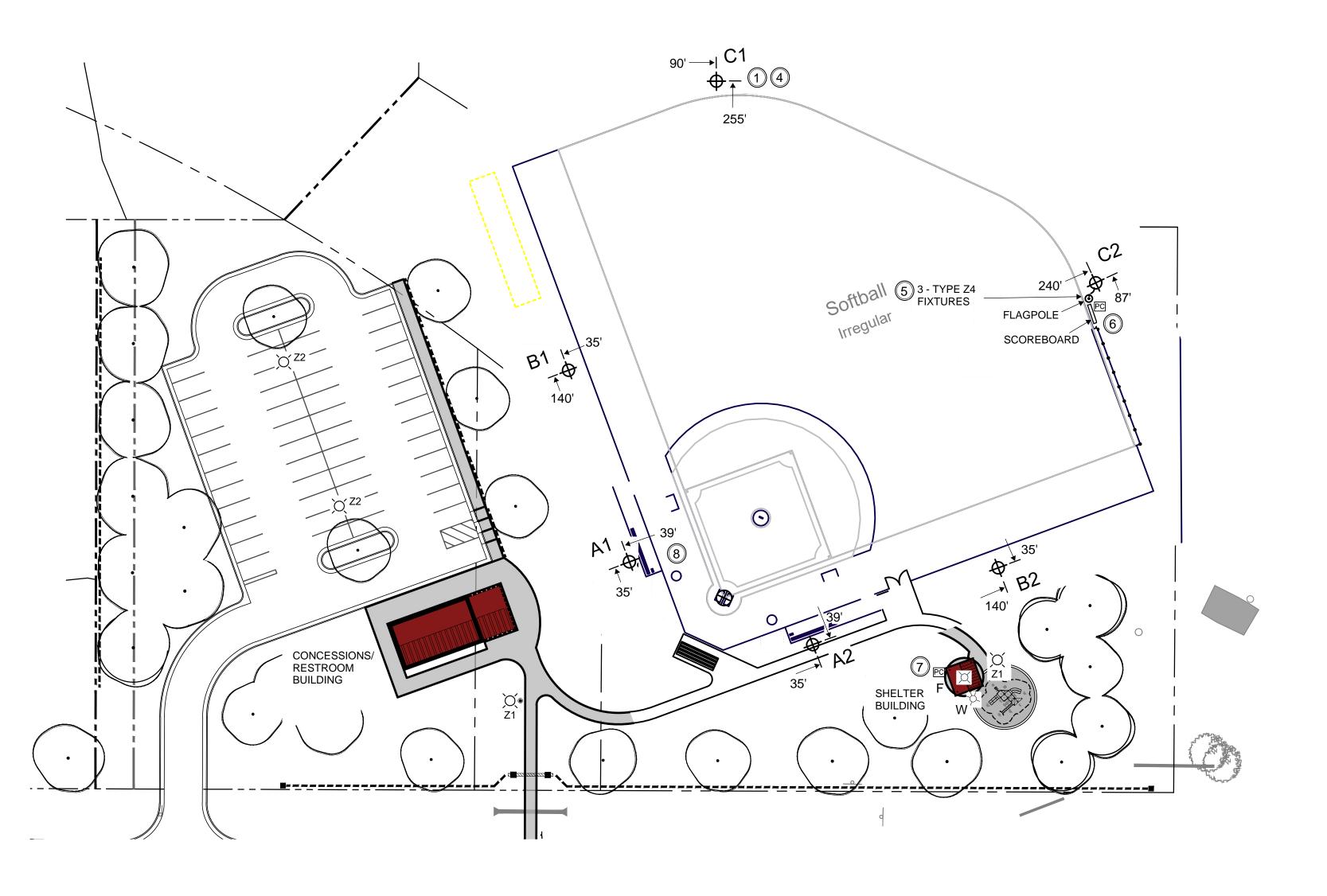
LED 5700K - 75 CRI



Fixture Type Summary

TLC-LED-900

TLC-LED-1200





BALLFIELD AND PARKING AREA LIGHTING (2) (3) SCALE: 1" = 40'



IF THE LENGTH OF THE BAR EQUALS 1 INCH, THE SCALE IS AS INDICATED. IF THE LENGTH OF THE BAR DOES NOT EQUAL TO 1 INCH, ADJUST THE SCALE PROPORTIONATELY.

CONFLUENCE PROJECT # 21382

LIGHTING PLAN

E301

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BALLFIELD & PARKING AREA

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4/22/2022

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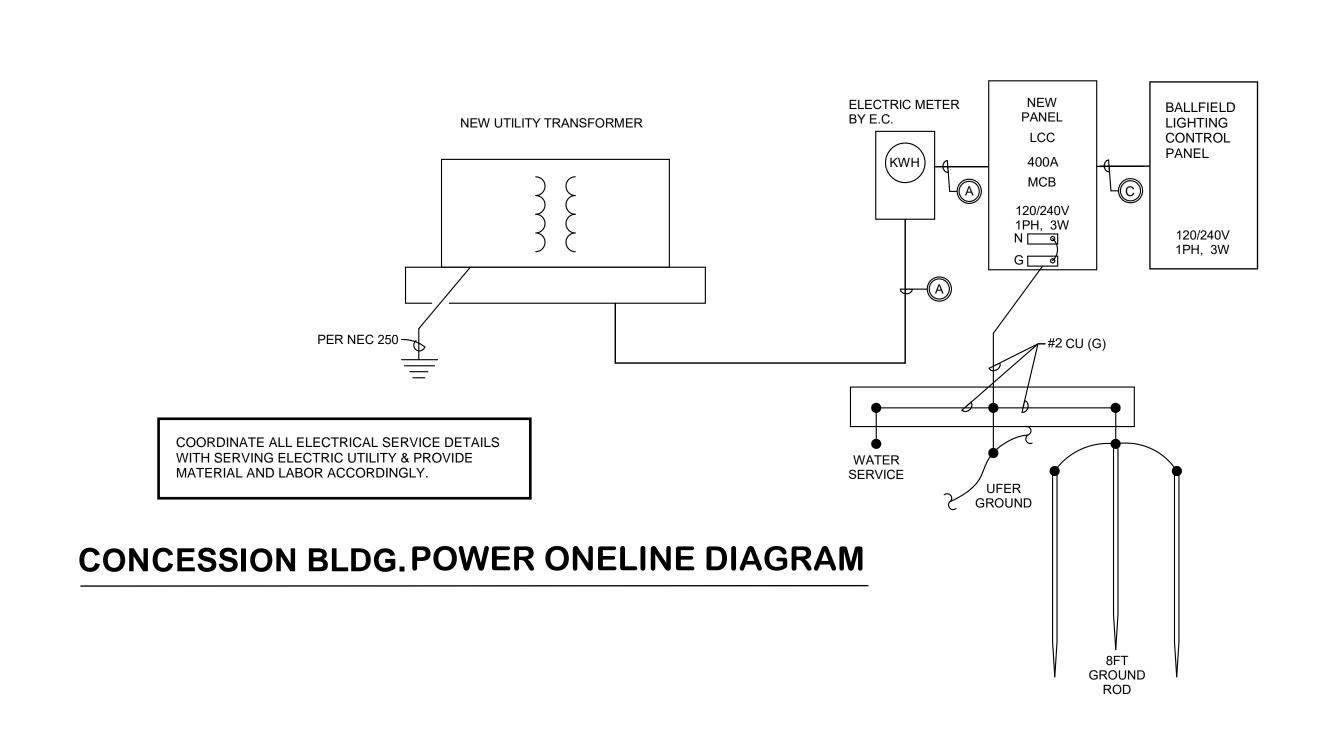
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Phone: 605-725-4852

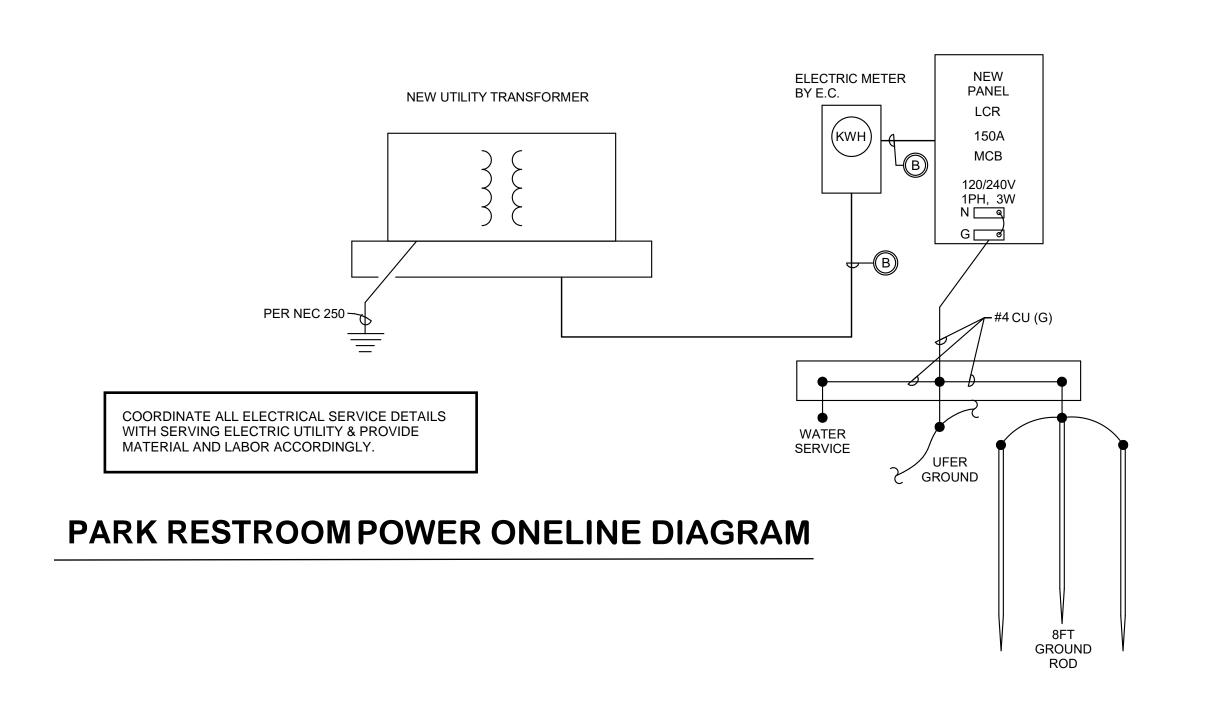
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CONFLUENCE



	CONDUIT & WIRE SCHDULE										
ID TAG	CONDUIT & WIRE	AMPS	COMMENTS								
Α	2 SETS OF 3" CONDUIT W/ 3 - 250 KCMIL AL	400A									
В	2" CONDUIT W/ 3 - #3/0 AL	150A									
С	2" CONDUIT W/ 3 - #3/0 CU & 1 - #6 CU (G)	200A									



	VOLTS	120/240V	PHASE	1	WIRE	3	MAIN CAPACITY	400A
PANEL LCC	MOUNTING	SURFACE	NEUTF	RAL SIZE	100	.00%	MAIN CONNECTION	MCB
M/E STORAGE 203							A.I.C. RATING	22KAIC

Notes: PROVIDE FACTORY INSTALLED SPD.

СКТ	Circuit Description	Wire Size	AMP	Poles	Frame	L1		L	2	Frame	Poles	AMP	Wire Size	Circuit Description	СКТ
1	SPARE		20 A	1		0	540			22KAIC	1	20 A	#12	MECH RM RECEPT	2
3	SPARE		20 A	1				0	1000	22KAIC	1	20 A	#12	LOW VOLTAGE HEAD END	4
5	SPARE		20 A	1		0	540			22KAIC	1	20 A	#12	MECH RM RECEPT	6
7	SPARE		20 A	1				0	1500	22KAIC	1	20 A	#12	WH-2	8
9	PA SYSTEM	#12	20 A	1	22KAIC	500	1000			22KAIC	1	20 A	#12	MENS RR RECEPT	10
11	EUH-7.5	#8	40 A	2	22KAIC			3750	1490	22KAIC	1	20 A	#12	MENS EHD	12
13						3750	1000			22KAIC	1	20 A	#12	EWC	14
15	INTERIOR LIGHTING	#12	20 A	1	22KAIC			610	1000	22KAIC	1	20 A	#12	WOMENS RR RECEPT	16
17	EXTERIOR LIGHTING	#12	20 A	1	22KAIC	279	1490			22KAIC	1	20 A	#12	WOMENS RR EHD	18
19	PARKING POLE LTG.	#10	20 A	1	22KAIC			0	1000	22KAIC	1	20 A	#12	CONCESS COOLER	20
21	SHELTER RECEPT	**	20 A	1	22KAIC	0	1000			22KAIC	1	20 A	#12	CONCESS COOLER	22
23	SHELTER LIGHTS	**	20 A	1	22KAIC			0	1000	22KAIC	1	20 A	#12	CONCESSION RECEPT	24
25	SCOREBOARD/FLAG LTG	**	30A	2	22KAIC	0	1000			22KAIC	1	20 A	#12	CONCESSION RECEPT	26
27								0	1000	22KAIC	1	20 A	#12	CONCESSION RECEPT	28
29	WELL PUMP	#10	20 A	1	22KAIC	0	1000			22KAIC	1	20 A	#12	CONCESSION RECEPT	30
31	SPARE		20 A	1				0	1000	22KAIC	1	20 A	#12	CONCESSION RECEPT	32
33	SPARE		20 A	1		0	1000			22KAIC	1	20 A	#12	CONCESSION RECEPT	34
35	SPARE		20 A	1				0	1000	22KAIC	1	20 A	#12	CONCESSION RECEPT	36
37	SPARE		20 A	1		0	1180			22KAIC	1	20 A	#12	CONCESSION RECEPT	38
39	BALLFIELD LIGHTING	***	200	2	22KAIC			0	1000	22KAIC	1	20 A	#12	CONCESSION RECEPT	40
41						0	1180			22KAIC	1	20 A	#12	CONCESSION RECEPT	42

** REFER TO SHEET E300 FOR WIRE SIZE INFORMATION.

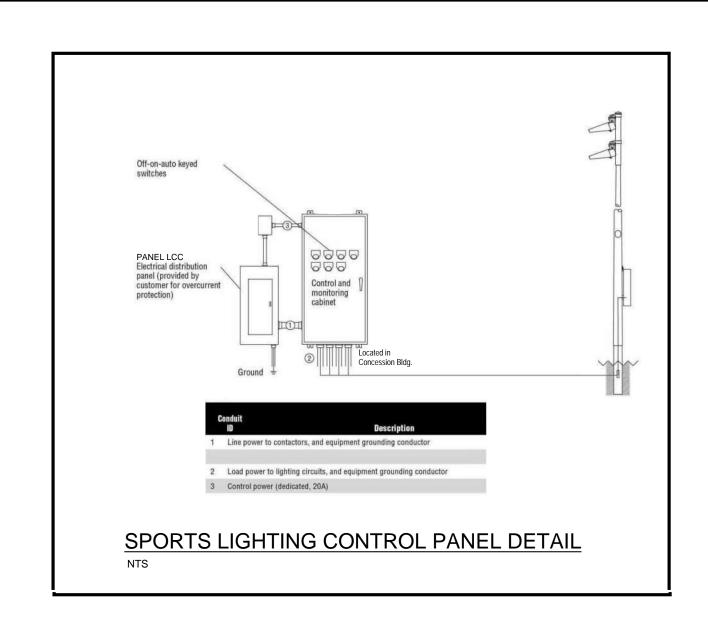
*** SEE CONCESSIONS POWER ONE LINE DIAGRAM

	VOLTS	120/240V	PHASE	1	WIRE	3	MAIN CAPACITY	150A
PANEL LCR	MOUNTING	SURFACE	NEUTR	AL SIZE	10	0.00%	MAIN CONNECTION	MCB
MECH./STOR. 102							A.I.C. RATING	22KAIC

Notes: PROVIDE FACTORY INSTALLED SPD.

		Wire		_	_	_		_	_	_	_		Wire		
CKT	Circuit Description	Size	AMP	Poles	Frame	L	1	L	.2	Frame	Poles	AMP	Size	Circuit Description	CK
1	SITE LIGHTING	*	20 A	1	22KAIC	400	500			22KAIC	1	20 A	*	SHELTER RECEPT	2
3	SITE LIGHTING	*	20 A	1	22KAIC			700	500	22KAIC	1	20 A	*	SHELTER RECEPT	4
5	MECH RM RECEPT	#12	20 A	1	22KAIC	1000	500			22KAIC	1	20 A	*	SHELTER RECEPT	6
7	LOW VOLTAGE HEAD END	#12	20 A	1	22KAIC			1000	1500	22KAIC	1	20 A	#12	WH-1	8
9	MECH RM RECEPT	#12	20 A	1	22KAIC	1000	0			22KAIC	1	20 A	#10	WELL PUMP 1	10
11	MECH RM RECEPT	#12	20 A	1	22KAIC			540	0	22KAIC	1	20 A	#10	WELL PUMP 2	12
13	MENS EHD	#12	20 A	1	22KAIC	1490	0				1	20 A		SPARE	14
15	MENS RR RECEPT	#12	20 A	1	22KAIC			1180	0		1	20 A		SPARE	16
17	EWC	#12	20 A	1	22KAIC	1000	0				1	20 A		SPARE	18
19	WOMENS RR RECEPT	#12	20 A	1	22KAIC			1000	0		1	20 A		SPARE	20
21	WOMENS RR EHD	#12	20 A	1	22KAIC	1490	0				1	20 A		SPARE	22
23	EF-1	#12	20 A	1	22KAIC			696	0		1	20 A		SPARE	24
25	INTERIOR LIGHTING	#12	20 A	1	22KAIC	326	0				1	20 A		SPARE	26
27	EXTERIOR LIGHTING	#12	20 A	1	22KAIC			77	0		1	20 A		SPARE	28
29	SPARE		20 A	1		0	0				1	20 A		SPARE	30
31	EUH-7.5	#8	40 A	2	22KAIC			0	0		1	20 A		SPARE	32
33						0	0				1	20 A		SPARE	34
35	SPARE		20 A	1				0	0		1	20 A		SPARE	36
37	SPARE		20 A	1		0	0				1	20 A		SPARE	38
39	SPARE		20 A	1				0	0		1	20 A		SPARE	40
41	SPARE		20 A	1		0	0				1	20 A		SPARE	42

(*) - SEE SITE PLAN FOR WIRE SIZE



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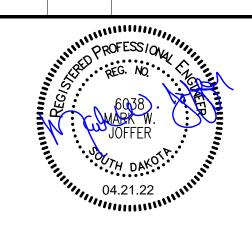
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