

Splash Pad & Pavilion

for

Putnam County Recreation Department

Putnam County, Georgia

April 19, 2022

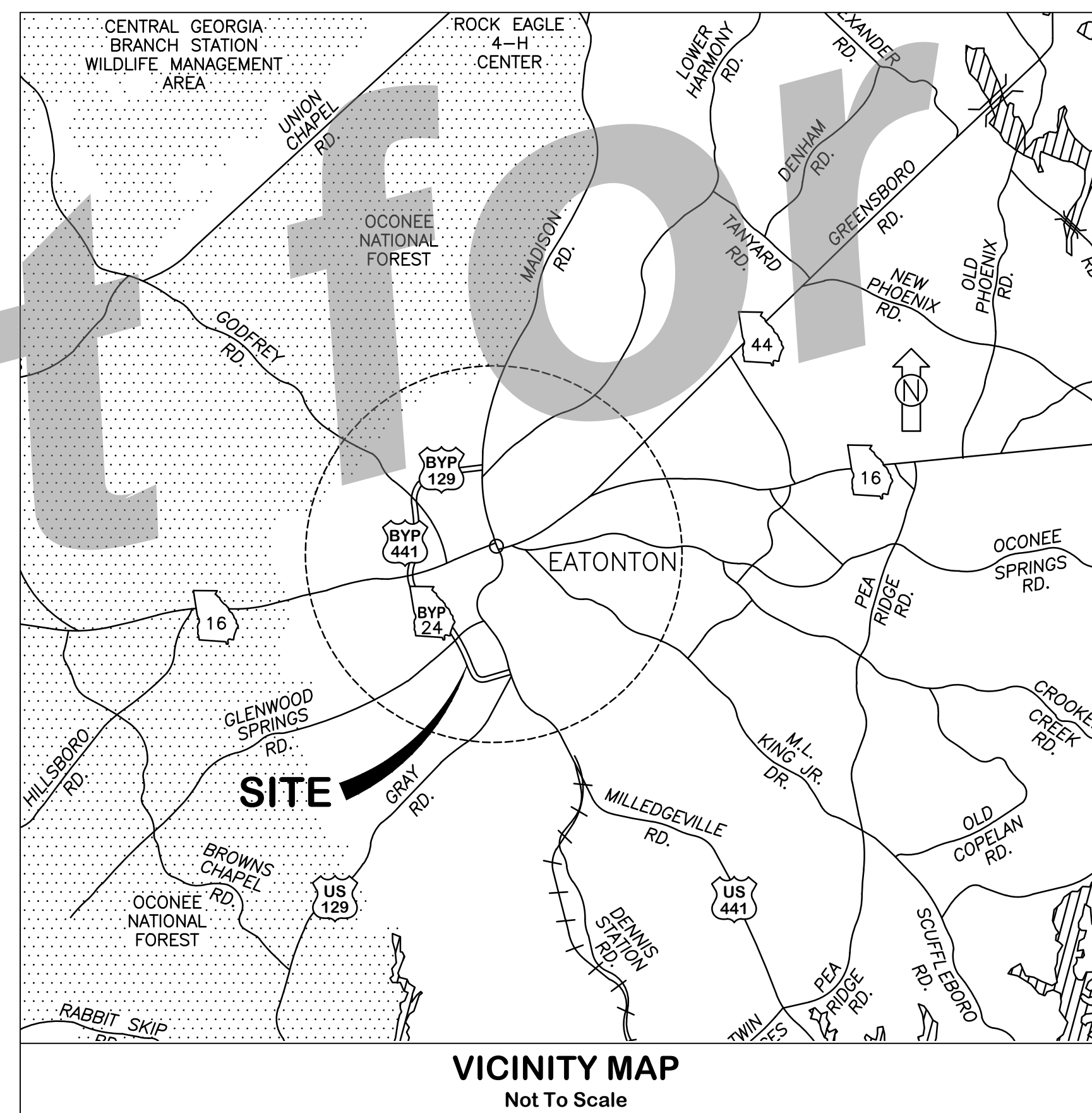
SHEET INDEX:

DESCRIPTION	SHEET
1. OVERALL LAYOUT	C 1.0
2. DEMOLITION PLAN	C 1.1
3. SITE PLAN	C 2.0
4. SITE PLAN	C 2.1
5. SPLASH PAD PLAN	C 2.2
6. SEWER SERVICE PLAN & PROFILE - STA 0+00 - STA 5+75	C 2.3
7. SEWER SERVICE PLAN & PROFILE - STA 5+75 - STA 7+50	C 2.4
8. PAVILION PLAN	C 2.5
9. FOUNDATION PLAN & WALL SECTIONS	C 2.6
10. EROSION & SEDIMENT CONTROL PLAN	C 3.0
11. EROSION & SEDIMENT CONTROL PLAN	C 3.1
12. DETAILS	C 5.0
13. DETAILS	C 5.1
14. ELECTRICAL PLAN & DETAILS	E 0.1 - E 3.1

GENERAL NOTES

1. ALL EXISTING UTILITIES SHOWN ARE LOCATED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL FIELD LOCATION AND PROTECTION OF EXISTING UTILITIES. OVERHEAD LINES ARE NOT SHOWN FOR CLARITY.
2. ALL DISTURBED AREAS TO BE RE-VEGETATED IMMEDIATELY AFTER CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
3. ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY CORNERS, RIGHT OF WAY MONUMENTS, SIGNS OR OTHER STRUCTURES DISTURBED DURING CONSTRUCTION.
5. ALL TRAFFIC AND SIGNAGE CONTROL SHALL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL MANUAL GUCC, CURRENT EDITION.
6. ALL STREET AND INFRASTRUCTURE INSTALLATION TO BE IN ACCORDANCE WITH PUTNAM COUNTY DEVELOPMENT STANDARDS.

DRAWING LEGEND		
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER	—	SS
UNDERGROUND WATER LINE	— W —	— W —
FORCE MAIN	— FM —	— FM —
STORM DRAINAGE PIPE	—	—
UNDERGROUND TELEPHONE LINE	— T —	— T —
UNDERGROUND TELEPHONE CONDUIT	— TC —	— TC —
UNDERGROUND GAS LINE	— 12" G —	— 12" G —
DITCH CENTERLINE	—	—
TOP OF CURB & GUTTER ELEVATIONS	TC=90.00 G=89.50	EX TC=90.00 EX G=89.50
SPOT ELEVATION	X=90.00	X=90.00
FIRE HYDRANT	⊗	⊗
SEWER MANHOLE	⊗	⊗
WATER VALVE	⊗	⊗
TELEPHONE MANHOLE	⊗	⊗
LIGHT POLE	⊗	⊗
SIGN	⊗	⊗
WATER METER	⊗	⊗
BENCHMARK	⊗	⊗
CONCRETE MONUMENT FOUND	⊗	⊗
GUY POLE	⊗	⊗
IRON PIN FOUND	⊗	⊗
IRON PIN SET	⊗	⊗
TELEPHONE PEDESTAL	⊗	⊗
POWER POLE	⊗	⊗
HANDICAP SPACE	⊗	⊗
SEDIMENT BASIN MARKER WINOTCH	⊗	⊗



OWNER/AGENT:

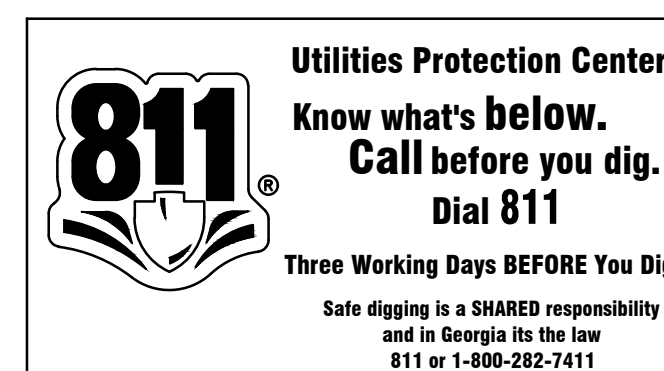
PUTNAM COUNTY REC. DEPT.
CONTACT: SCOTT HALEY
RECREATION DIRECTOR
140 RECREATION ROAD
EATONTON, GA 31024
TEL: (706) 485-8565
shaley@putnamcountyga.us



SIMONTON ENGINEERING
1050 PARKSIDE COMMONS SUITE 101
GREENSBORO, GA 30642 • TEL: (706) 454-0870
www.simontonengineering.com

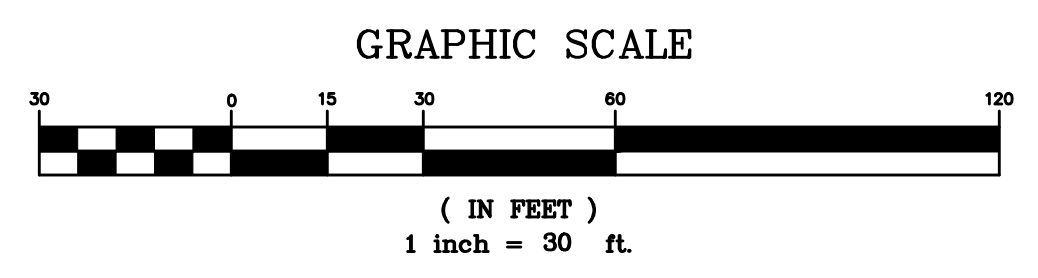
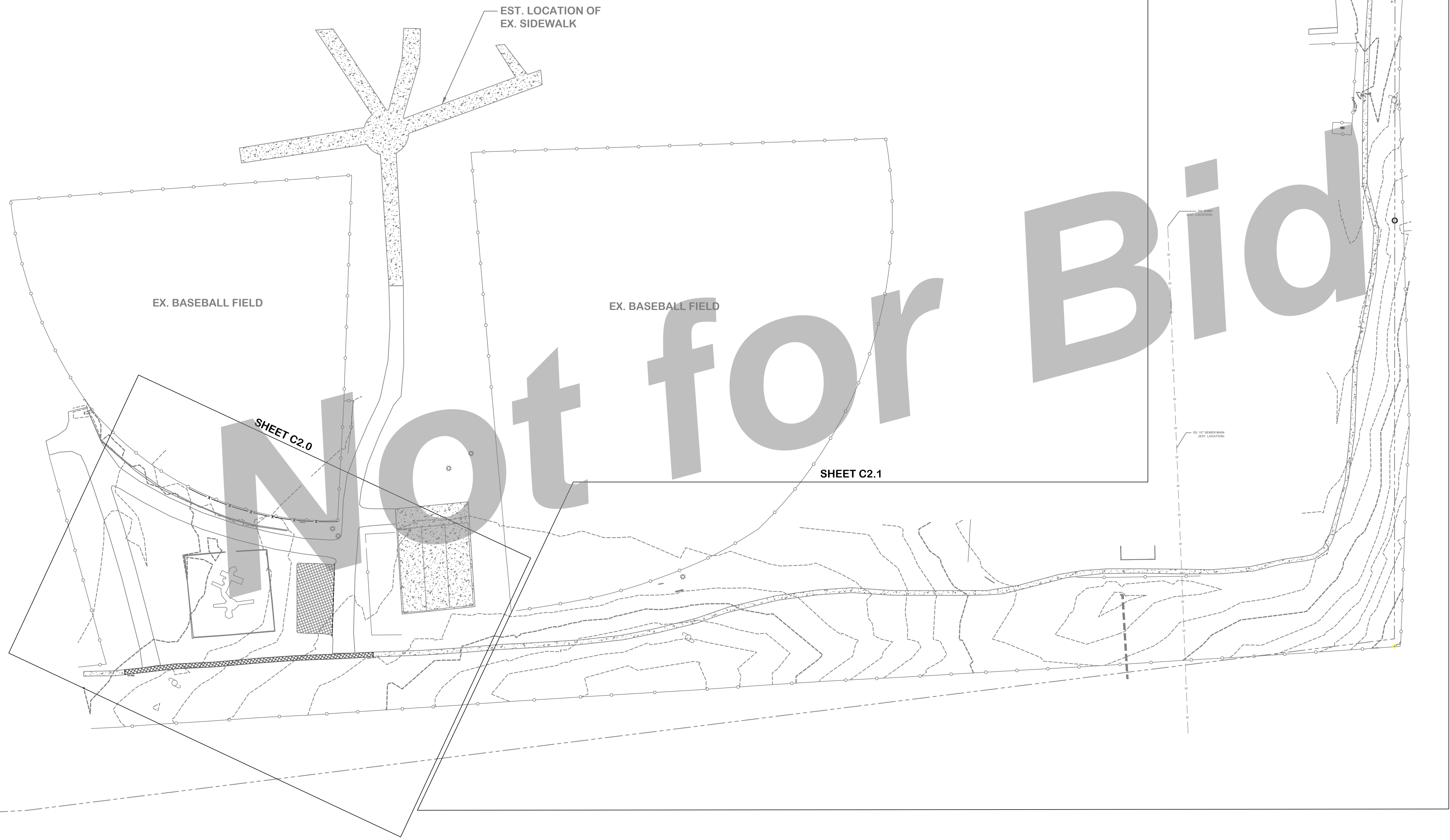


Level II Certification No. 935
Expiration Date: 10-01-23



JOB NO. 2021-159PRJ

REVISION NO.	DATE	DESCRIPTION



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

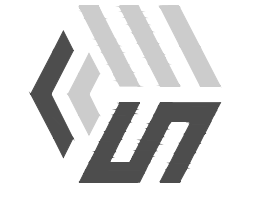
REVISED:



Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
SUITE 100, GREENSBORO, NC 27409
TEL: (703) 454-0870
www.simontonengineering.com

SIMONTON
ENGINEERING



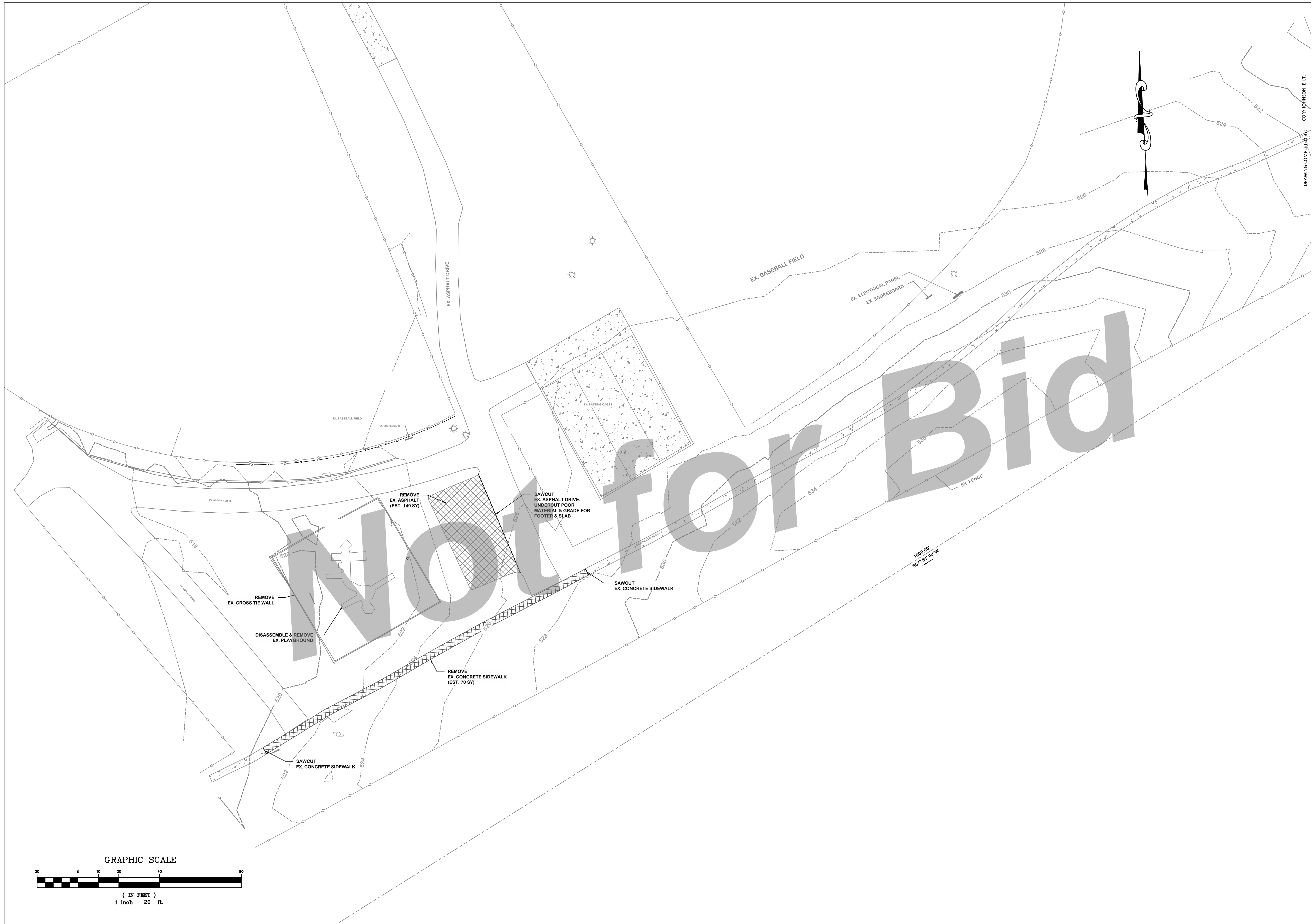
Putnam County Rec. Dept.
Splash Pad & Pavilion

for
Scott Haley
Putnam County, Georgia

Overall Layout

DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C.1.0

"THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SIMONTON ENGINEERING, LLC. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS THAT MAY OCCUR IN THIS DRAWING. IN THE EVENT OF A DISCREPANCY BETWEEN ANY PRINTED AND ELECTRONIC VERSIONS OF THIS DRAWING, THE ELECTRONIC VERSION SHALL PREVAIL. THIS DRAWING IS THE PROPERTY OF SIMONTON ENGINEERING, LLC."



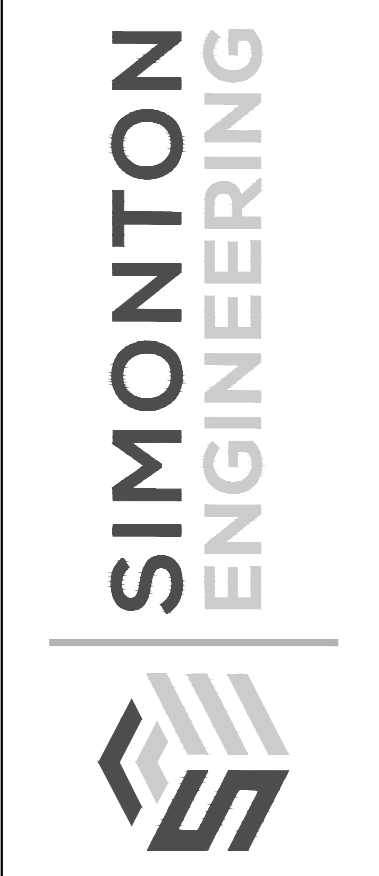
DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

REVISIONS:

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SIMONTON ENGINEERING, LLC. INFORMATION CONTAINED HEREIN IS INTENDED FOR THE NAMED CLIENT ONLY. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS THAT MAY OCCUR FROM THIS DRAWING. IN THE EVENT OF A DISCREPANCY BETWEEN THE PRINTED AND ELECTRONIC VERSIONS, THE ELECTRONIC MEDIA SHALL PREVAIL. "SIMONTON ENGINEERING, LLC."

Level II Certification No. 935
Expiration Date: 10-01-23

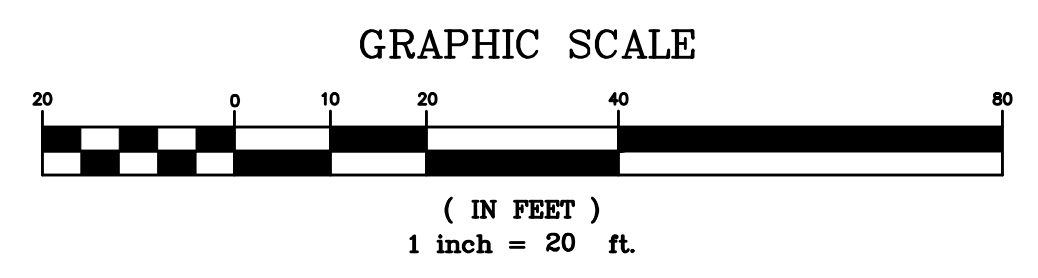
1050 PARKSIDE COMMONS
GREENSBORO, NC 27409
TEL: (703) 454-0870
www.simontonengineering.com



Putnam County Rec. Dept.
Splash Pad & Pavilion
for
Scott Haley
Putnam County, Georgia

Demolition Plan

DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C.1.1



NOTES:

1. ZONING = E-1
2. TOTAL ACRES = 23.00
3. TOTAL DISTURBED ACRES = 0.48
4. EROSION AND SEDIMENT CONTROL TO BE IN ACCORDANCE WITH THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA."
5. RIPRAP WILL BE USED TO STABILIZE DITCH BANKS IN AREAS WHERE STORM WATER FLOW CHANGES DIRECTION.
6. ALL UTILITY AND STREET INSTALLATION TO BE IN ACCORDANCE WITH CITY/COUNTY STANDARD SPECIFICATIONS.
7. AFTER CONSTRUCTION, ALL DISTURBED AREAS TO BE REVEGETATED IMMEDIATELY IN ACCORDANCE WITH PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA."
8. ALL IMPROVEMENTS TO CONFORM WITH CITY/COUNTY STANDARDS.
9. NO STRUCTURES, FENCES, OR OTHER OBSTRUCTIONS MAY BE LOCATED WITHIN A DRAINAGE OR ACCESS EASEMENT WITHOUT PRIOR APPROVAL OF CITY/COUNTY.

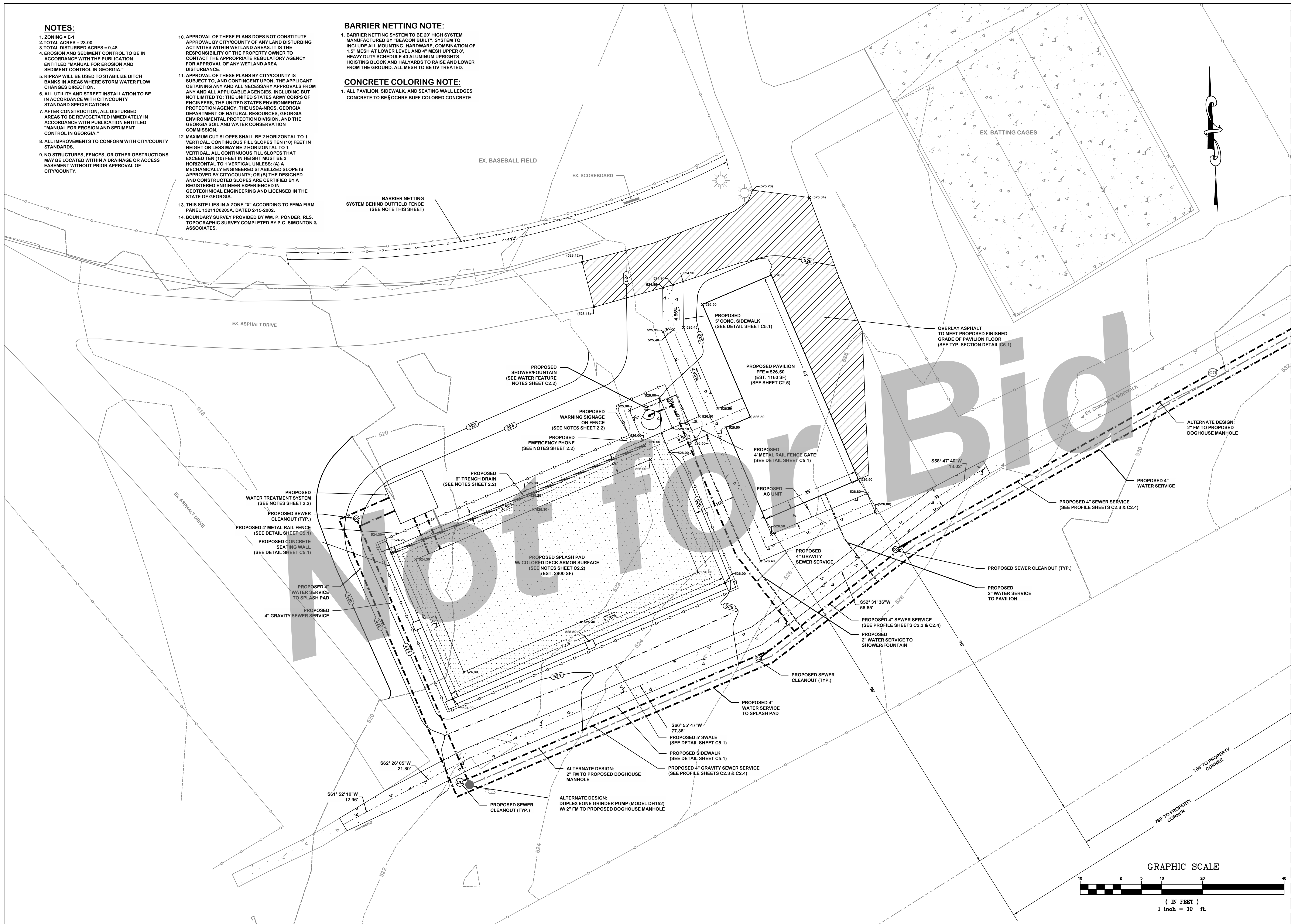
10. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY CITY/COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
11. APPROVAL OF THESE PLANS BY CITY/COUNTY IS SUBJECT TO, AND CONTINGENT UPON, THE APPLICANT OBTAINING ANY AND ALL NECESSARY APPROVALS FROM ANY AND ALL APPLICABLE AGENCIES, INCLUDING BUT NOT LIMITED TO: THE UNITED STATES ARMY CORPS OF ENGINEERS, THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, THE USDA-NRCS, GEORGIA DEPARTMENT OF NATURAL RESOURCES, GEORGIA ENVIRONMENTAL PROTECTION DIVISION, AND THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION.
12. MAXIMUM CUT SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL. CONTINUOUS FILL SLOPES TEN (10) FEET IN HEIGHT OR LESS MAY BE 2 HORIZONTAL TO 1 VERTICAL. ALL CONTINUOUS FILL SLOPES THAT EXCEED TEN (10) FEET IN HEIGHT MUST BE 3 HORIZONTAL TO 1 VERTICAL UNLESS: (A) A MECHANICALLY ENGINEERED STABILIZED SLOPE IS APPROVED BY CITY/COUNTY; OR (B) THE DESIGNED AND CONSTRUCTED SLOPES ARE CERTIFIED BY A REGISTERED ENGINEER EXPERIENCED IN GEOTECHNICAL ENGINEERING AND LICENSED IN THE STATE OF GEORGIA.
13. THIS SITE LIES IN A ZONE "X" ACCORDING TO FEMA FIRM PANEL 13211C0205A, DATED 2-15-2002.
14. BOUNDARY SURVEY PROVIDED BY WM. P. PONDER, R.L.S. TOPOGRAPHIC SURVEY COMPLETED BY P.C. SIMONTON & ASSOCIATES.

BARRIER NETTING NOTE:

1. BARRIER NETTING SYSTEM TO BE 20' HIGH SYSTEM MANUFACTURED BY "BEACON BUILT". SYSTEM TO INCLUDE ALL MOUNTING, HARDWARE, COMBINATION OF 1.5" MESH AT LOWER LEVEL AND 4" MESH UPPER 8'; HEAVY DUTY SCHEDULE 40 ALUMINUM UPRIGHTS, HOISTING BLOCK AND HALYARDS TO RAISE AND LOWER FROM THE GROUND. ALL MESH TO BE UV TREATED.

CONCRETE COLORING NOTE:

1. ALL PAVILION, SIDEWALK, AND SEATING WALL LEDGES CONCRETE TO BE 3/8" OCHRE BUFF COLORED CONCRETE.



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T. REVISIONS: NONE

MATCHLINE A - SEE SHEET C2.1

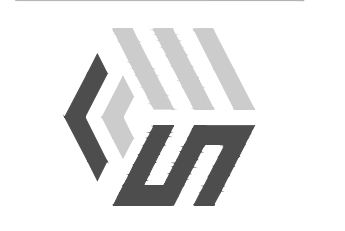
MATCHLINE B - SEE SHEET C2.2

"THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SIMONTON ENGINEERING, LLC. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS THAT MAY OCCUR IN THIS DRAWING. IN THE EVENT OF A DISPUTE, THE APPLICABLE PROVISIONS WILL BE THE PROVISIONS OF THE "ELECTRONIC MEDIA" - "SIMONTON ENGINEERING, LLC."



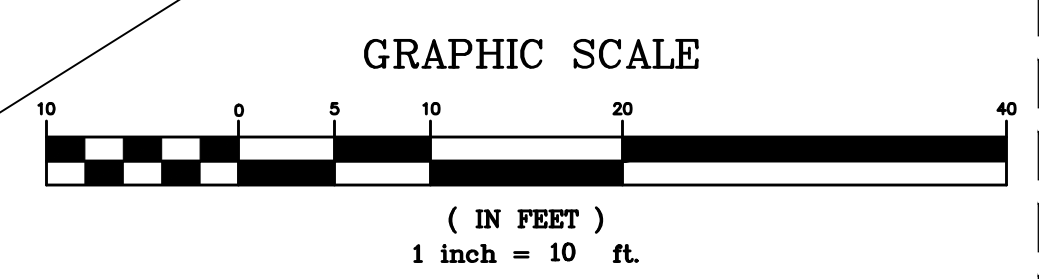
Level II Certification No. 935
Expiration Date: 10-01-25

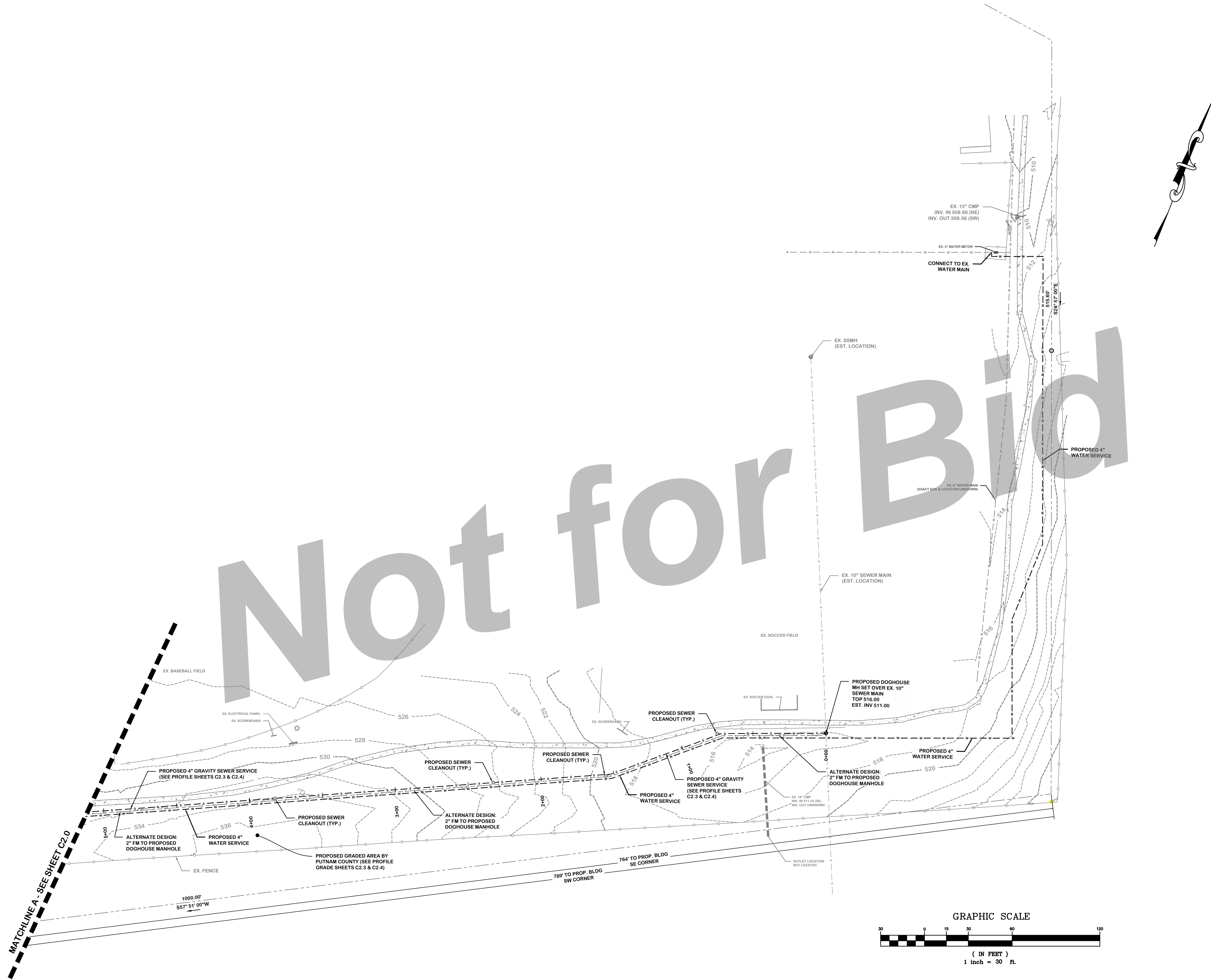
1050 PARKSIDE COMMONS
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontonengineering.com



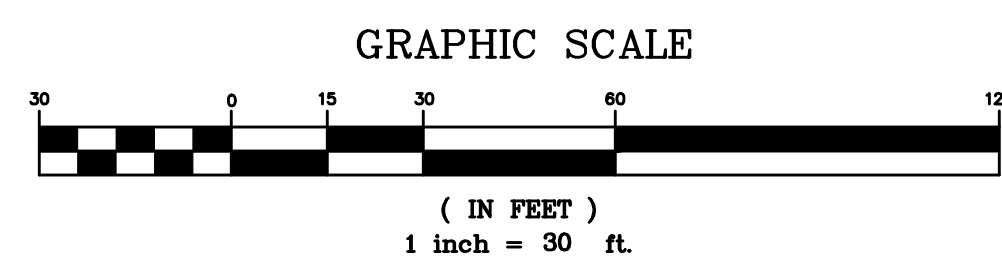
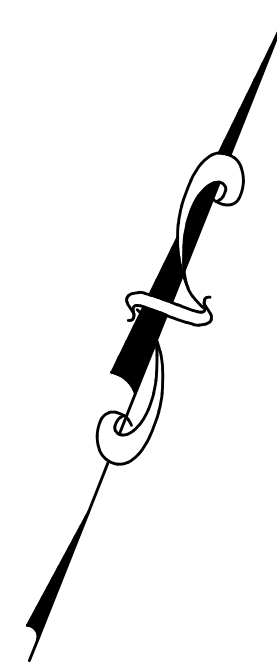
Putnam County Rec. Dept.
Splash Pad & Pavilion
for
Scott Haley
Putnam County, Georgia

Site Plan
DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C 2.0





Not for Bid



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

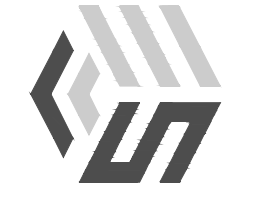
REVISED:



Level II Certification No. 935
Expiration Date: 10-01-25

1050 PARKSIDE COMMONS
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontonengineering.com

SIMONTON
ENGINEERING

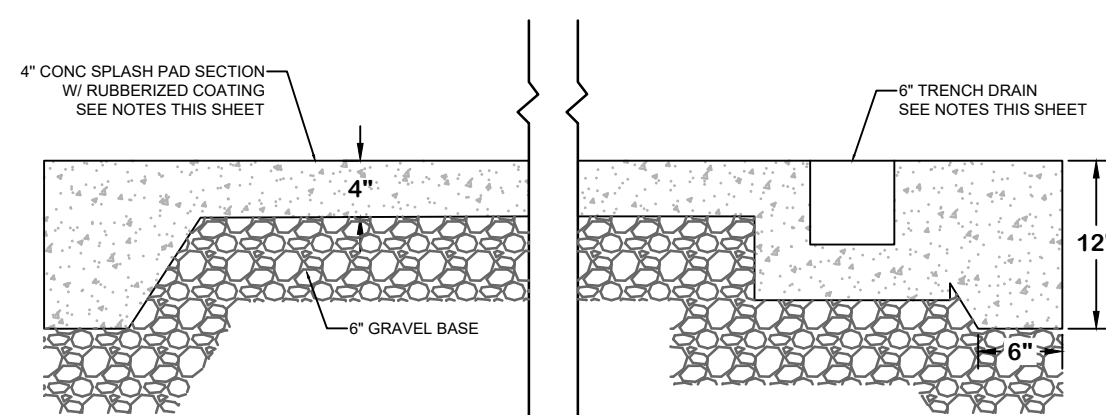
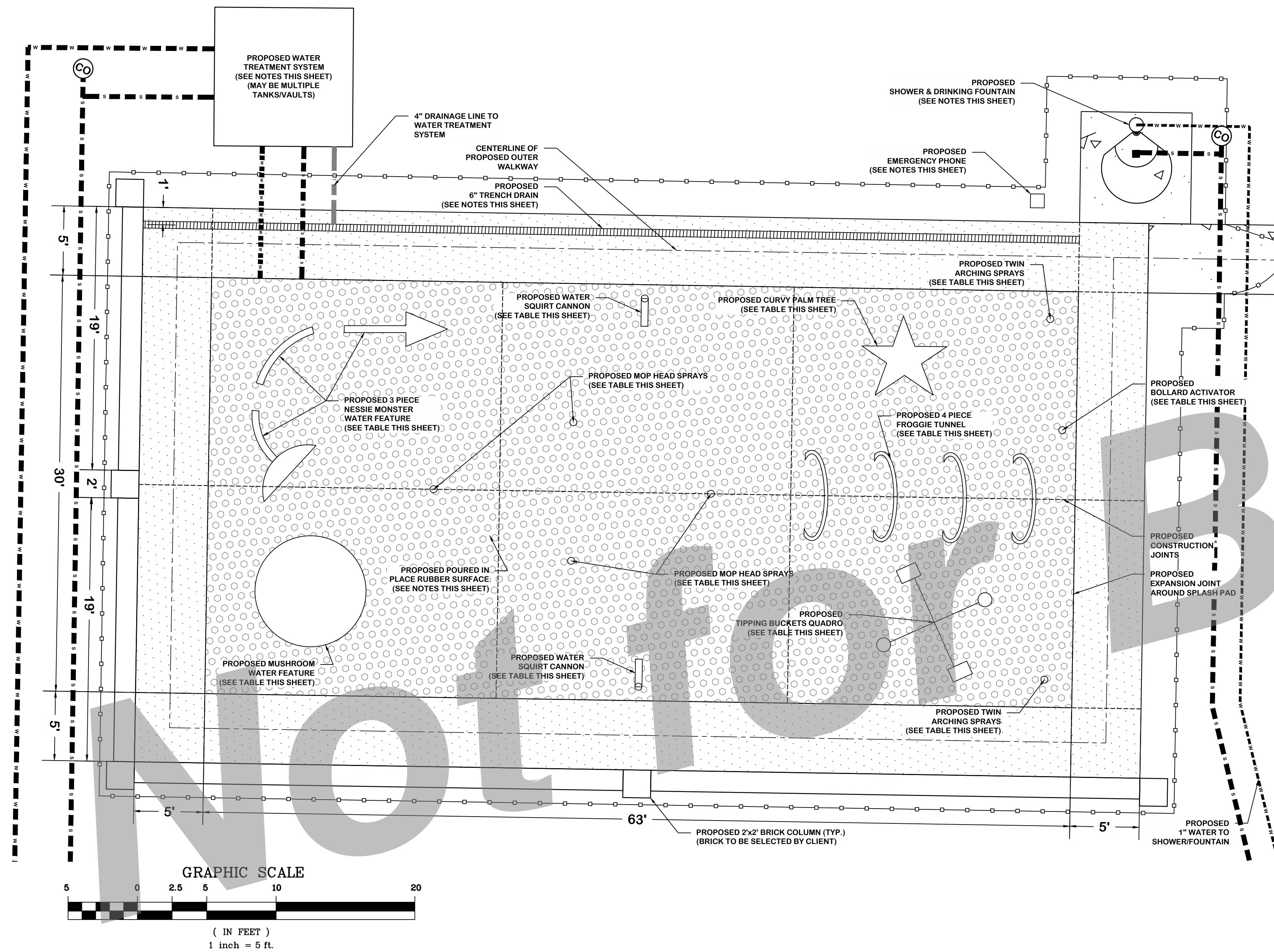


Putnam County Rec. Dept.
Splash Pad & Pavilion
for
Scott Haley
Putnam County, Georgia

Site Plan

DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C 2.1

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF SIMONTON ENGINEERING, LLC. INFORMATION CONTAINED HEREIN IS INTENDED FOR THE INTENDED CLIENT ONLY. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS. THIS DRAWING IS THE PROPERTY OF SIMONTON ENGINEERING, LLC. THE ELECTRONIC VERSION OF THIS DRAWING IS THE ORIGINAL. ANY COPIES WILL BE MADE FROM THE ELECTRONIC MEDIA. © SIMONTON ENGINEERING, LLC.



SPLASH PAD SECTION
2021-159PRJ
N.T.S.

INTERACTIVE WATER FOUNTAIN RUBBER COATING NOTES:

1. THE POURED IN PLACE RUBBERIZED COATING IN THE FOUNTAIN AREA WILL BE POURED OVER THE CONCRETE, (SAME DETAIL AS SIDEWALK - 4" 3,000 PSI, FIBER MESH REINFORCED CONCRETE) SUBSTRATE WITHIN THE LIMITS OF THE SPLASH PAD.
2. THE SURFACE SHALL BE PROFESSIONALLY INSTALLED COLORED DECK ARMOR II SYSTEM. THE SPLASH PAD AREA WILL BE BLUE COLORED DECK ARMOR II AND THERE SHALL ALSO BE A 5'-WIDE TAN COLORED DECK ARMOR II BORDER AROUND THE OUTSIDE OF THE SPLASH PAD AREA.
3. THE DECK ARMOR SURFACE SHALL BE INSTALLED IN ACCORDANCE WITH DECK ARMOR II INSTALLATION INSTRUCTIONS BY THE MANUFACTURER AND INSTALLED BY A CERTIFIED INSTALLER.

WATER FEATURE NOTES:

1. WATER TREATMENT SYSTEM BY WATER FEATURE SUPPLIER. ALL DOCUMENTS & DESIGN TO BE PREPARED BY GA. PE AND DOCUMENTS STAMPED.
2. ELECTRICAL DESIGN AND GROUNDING IN ACCORDANCE WITH APPLICABLE CODES BY WATER FEATURE DESIGNER. REQUIRED GA. PE STAMP.
3. ALTERNATIVE DESIGNS, THAT ACHIEVE THE SAME END PRODUCT ARE ACCEPTABLE.
4. THE FOUNTAIN SHALL BE OPERATED USING BOLLARD MOUNTED (42" SS 4" SQ. BOLLARD SUPPLIED) WEATHER-PROOF, VANDAL RESISTANT PUSH BUTTON START/RUN SWITCH.
5. THE FOUNTAIN WILL INCLUDE A COMPLETE OPERATING SYSTEM TO INCLUDE, BUT IS NOT LIMITED TO ALL PUMPS, FIBERGLASS VAULT, BACKWASH SYSTEM, NOZZLES, NOZZLES, LIGHTING, WATER FEATURES, PLC CONTROLLER AND COMPLETE OPERATING SYSTEM.
6. IF THE FOUNTAIN SYSTEM INCLUDES A DRAINAGE SYSTEM THAT DOES NOT REQUIRE THE TRENCH DRAIN THEN THE TRENCH DRAIN IS NOT REQUIRED.
7. TRENCH DRAIN SHALL BE FLUSH MOUNTED DRAIN CONSISTING OF A HIGH STRENGTH, ROTO-MOLDED POLYPROPYLENE NICHE BODY WITH INTEGRAL WATERSTOP KEY FLANGE, STAINLESS STEEL GRATE, AND 3" (7) HPT DRAIN CONNECTION.
8. WATER FOUNTAIN & SHOWER SHALL BE STERN WILLIAMS PRODUCTS, LLC MODEL 6600, FOREST GREEN POLYESTER POWDER FINISH.
9. SIGN SHALL BE PLACED IN CLEAR VIEW AT OR NEAR THE ENTRANCE OF THE POOL AND SHALL STATE IN CLEARLY LEGIBLE 4" LETTERS: "WARNING - NO LIFE GUARD ON DUTY AND RISK OF DROWNING - SUPERVISE CHILDREN CLOSELY."
10. SIGN: "EMERGENCY CALL 911, EATONTON POLICE 706-485-3551, PUTNAM COUNTY FIRE DEPT. 706-485-0469, PUTNAM COUNTY EMS 706-485-9096" IN 1" HIGH LETTERS
11. EMERGENCY HARD-LINED PHONE SHALL BE INSTALLED AS PART OF THIS PROJECT. EMERGENCY PHONE SHALL BE ONLY ABLE TO DIAL 911 AS WELL AS SEND LOCATION INFORMATION ALONG WITH THE CALL.
12. PHONE SHALL BE RATH 624 POOL ENCLOSED EMERGENCY PHONE. ANALOG OR DIGITAL AS REQUIRED BY TELEPHONE PROVIDER.

ALL ITEMS ARE AQUA PLAY OR EQUAL

SPRAY EFFECTS & WATER FEATURES/SYSTEMS

QUANTITY	DESCRIPTION
2	AQUA PLAY GS-TA-01 TWIN ARCHING SPRAYS
4	AQUA PLAY GS-MH-01 MOP HEAD SPRAYS
1	AQUA PLAY AM-BA-01 BOLLARD ACTIVATOR
1	AQUA PLAY SF-NM-03 NESSIE MONSTER (3 PC.)
1	AQUA PLAY SF-TB-04 TIPPING BUCKETS QUADRO
2	AQUA PLAY SF-WS-01 WATER SQUIRT CANNONS
1	AQUA PLAY SF-PT-CR CURVY PALM TREE
1	AQUA PLAY SF-PT-04 FROGGIE TUNNEL (4 HOOP)
1	AQUA PLAY MUSHROOM FEATURE
1	AQUA PLAY/VAK PAK WATER RECYCLING AND AUTOMATION SYSTEM FOR 12 ZONES WITH 2000-GALLON RESERVOIR, U.V. SYSTEM AND LOCKING ENCLOSURES

*ALL SPRAY EFFECTS, WATER FEATURES & WATER SYSTEMS NOTED SHALL BE AQUA PLAY OR VERIFIABLE EQUIVALENT.

DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.



Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontonengineering.com

SIMONTON
ENGINEERING

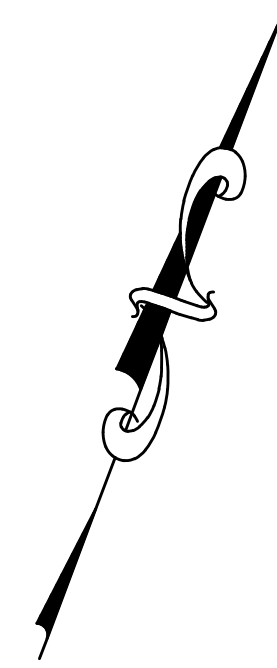


Putnam County Rec. Dept.
Splash Pad & Pavilion

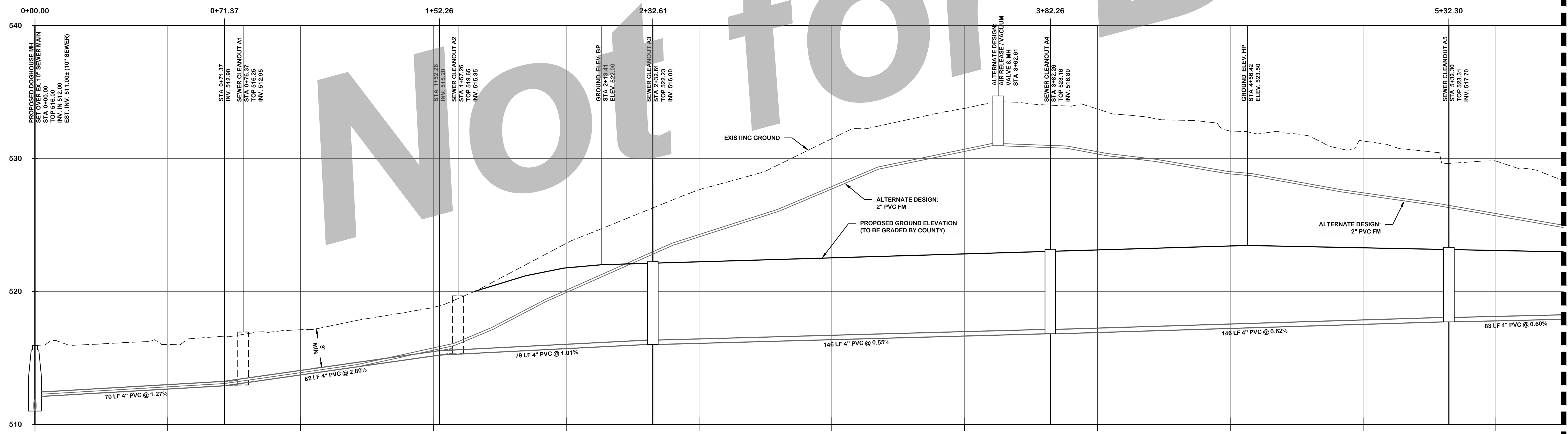
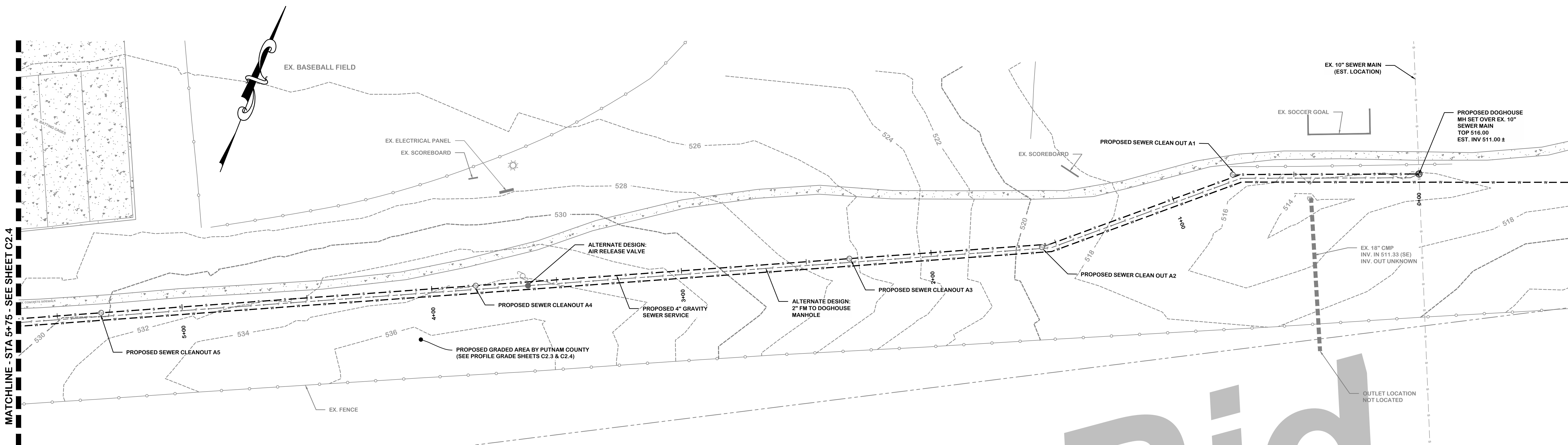
for
Scott Haley
Putnam County, Georgia

Splash Pad
Plan

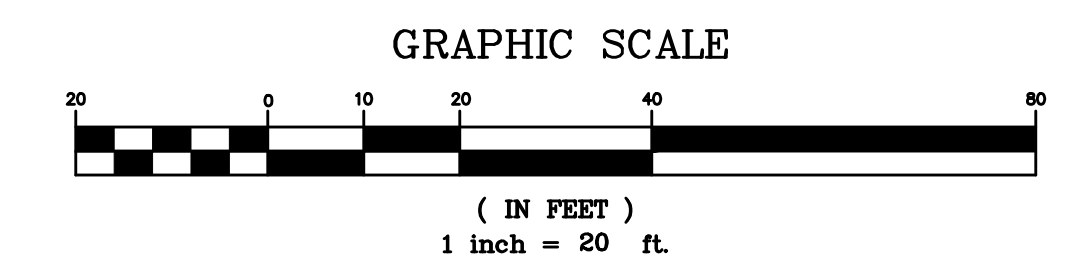
DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C 2.2



MATCHLINE - STA 5+75 - SEE SHEET C2.4



SEWER LINE A - STA. 0+00 to 7+50 Profile
 V. Scale: 1"=4'
 H. Scale: 1"=20'



Not for Bid

EX. BASEBALL FIELD

EX. ELECTRICAL PANEL
EX. SCOREBOARD

EX. SCOREBOARD

EX. SOCCER GOAL

EX. 10" SEWER MAIN
(EST. LOCATION)

PROPOSED DOGHOUSE
MH SET OVER EX. 10"
SEWER MAIN
TOP 516.00
EST. INV. 511.00 ±

ALTERNATE DESIGN:
AIR RELEASE VALVE

ALTERNATE DESIGN:
2" FM TO DOGHOUSE
MANHOLE

PROPOSED SEWER CLEAN OUT A2

EX. 18" CMP
INV. IN 511.33 (SE)
INV. OUT UNKNOWN

PROPOSED GRADED AREA BY PUTNAM COUNTY
(SEE PROFILE GRADE SHEETS C2.3 & C2.4)

OUTLET LOCATION
NOT LOCATED

DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

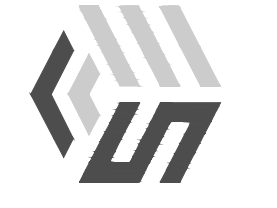
REVISED:



Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
 SUITE 100
 GREENSBORO, NC 27402
 TEL: (760) 454-0870
 www.simontonengineering.com

SIMONTON
 ENGINEERING

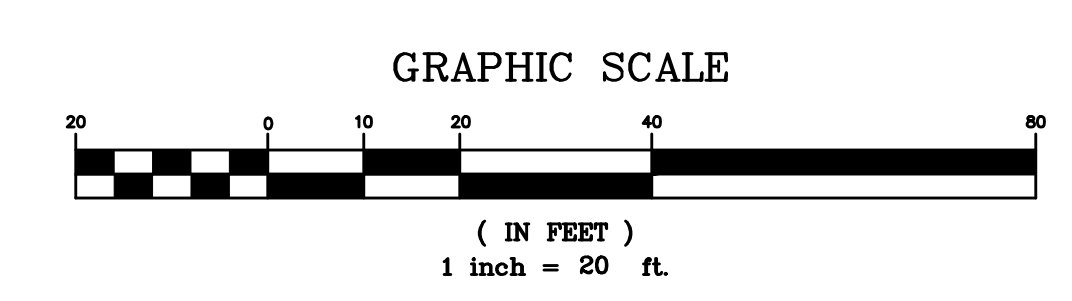
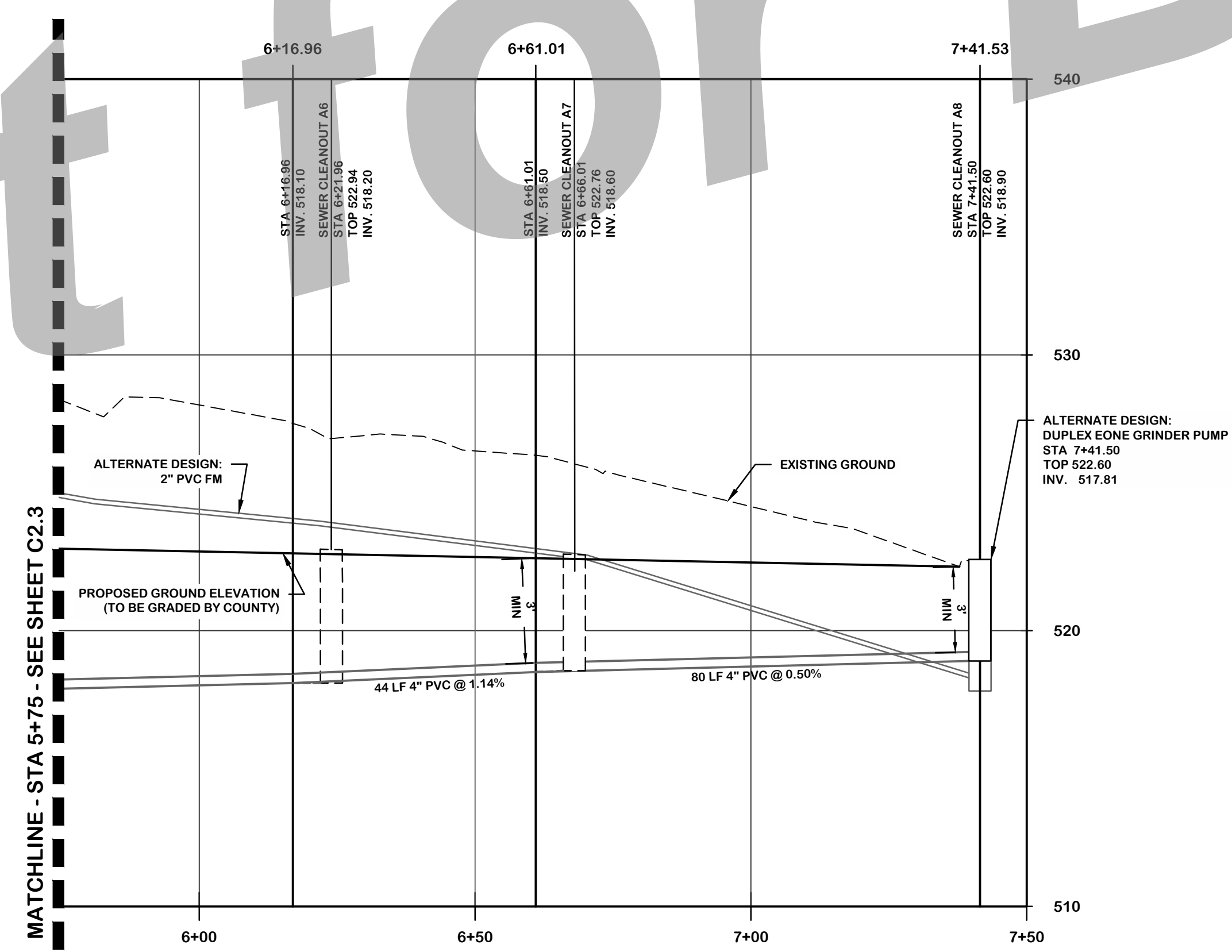
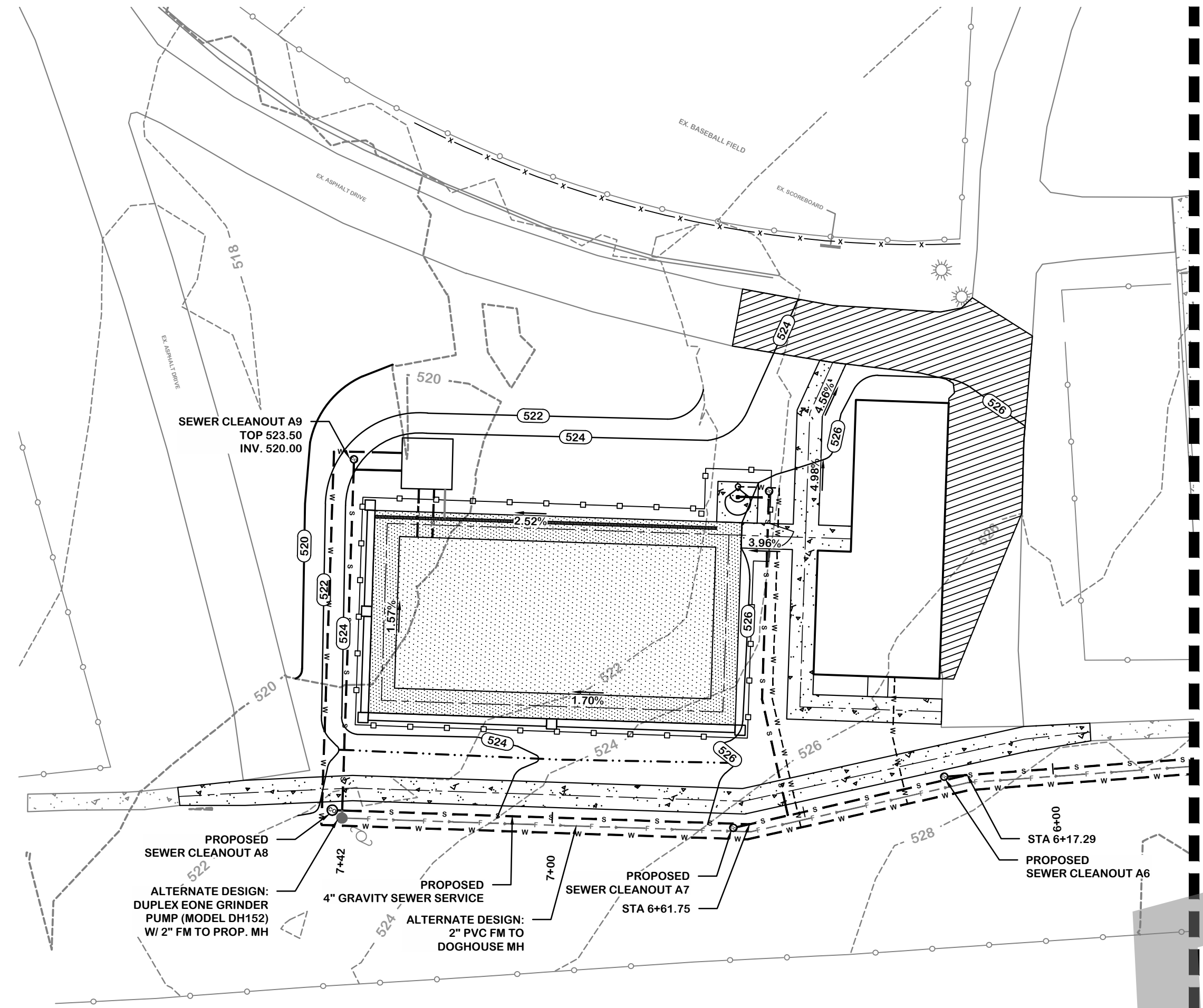
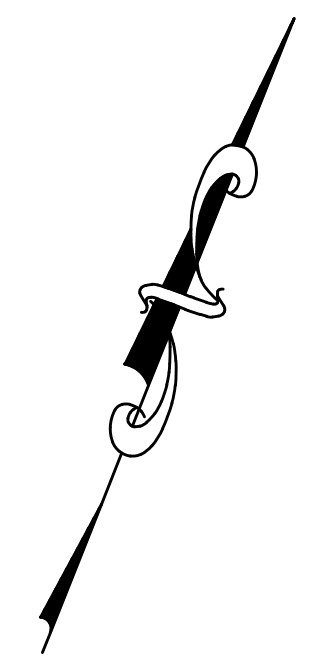


Putnam County Rec. Dept.
 Splash Pad & Pavilion
 for
 Scott Haley
 Putnam County, Georgia

Sewer Plan & Profile

DATE: April 19, 2022
 FILE NO: 2021-159PRJ
 SHEET: C 2.3

Not for Bid



MATCHLINE - STA 5+75 - SEE SHEET C2.3

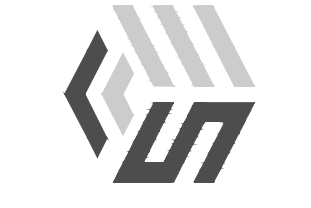
MATCHLINE - STA 5+75 - SEE SHEET C2.3

DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.



1050 PARKSIDE COMMONS
 SUITE 100
 GREENSBORO, NC 27409
 TEL: (703) 454-0870
 www.simontonengineering.com

SIMONTON
 ENGINEERING



Putnam County Rec. Dept.
 Splash Pad & Pavilion
 for
 Scott Haley
 Putnam County, Georgia

Sewer Plan & Profile
 DATE: April 19, 2022
 FILE NO: 2021-159PRJ
 SHEET: C 2.4

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF SIMONTON ENGINEERING, LLC. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS. THIS DRAWING IS THE PROPERTY OF SIMONTON ENGINEERING, LLC. THE USER OF THIS DRAWING IN ANY MANNER SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

GENERAL NOTES:

PART I - GENERAL:

- A. Codes and Ordinances - The entire installation shall be strictly in accordance with the latest version of the National Electrical Code and amendments of the local governing body.
- B. Tests - Provide test of all systems to demonstrate proper operation.
- C. Provide maintenance and operational instructions for all equipment. All panel boards, disconnect switches, control cabinets, etc., shall be clearly marked with identification externally and internally for each circuit.
- D. The contractor shall schedule all required governing authority inspections and be responsible for associated fees.

PART II - PRODUCTS:

- A. Light fixtures shall be as per plan.
- B. Device plates shall be as per plan.
- C. Switches shall be as per plan.
- D. Circuit Breaker and fused protected circuits shall be as per above referenced code. FUSES FOR MAIN DISCONNECTS SHALL BE LOW PEAK LPS-RK DUAL ELEMENT TIME DELAY FUSES.
- E. Outlet boxes and conduit boxes shall be metal.
- F. Size breakers and conductors for all HVAC equipment as per manufacturer's recommendation.
- G. Coordinate all HVAC circuits with Mechanical Contractor for proper conductor and breaker sizes.

PART III- EXECUTION

- A. Remove all manufacturer's labels and clean all exposed fixtures and equipment.
- B. Replace all damaged fixtures and equipment.
- C. Adjust or calibrate all items of equipment to assure proper operation.
- D. Make all wiring connections in outlet or junction boxes.
- E. ALL EXTERIOR ENCLOSURES SHALL BE NEMA 3R.

EXCAVATION AND EARTHWORK

- 1. STRIP ALL TOPSOIL FOR AREA OF BUILDING & PAVING, STOCKPILE ON THE SITE.
- 2. SUBGRADE AND ALL CLEAN, SANDY FILL SHALL BE PLACED AND COMPACTED TO 97% RELATIVE DENSITY IN 6" MAX. LAYERS.
- 3. ALL EXCAVATIONS SHALL BE BRACED AND SHORED TO PREVENT CAVING, AND SHALL BE PROVIDED WITH POSITIVE DRAINAGE.
- 4. BRACE ALL RETAINING AND FOUNDATION WALLS TO PREVENT DAMAGE DURING BACKFILLING OPERATION.
- 5. ALL BACKFILL AT SLAB OR FOUNDATIONS SHALL BE PLACED IN 6" MAX. LAYER AND COMPACTED TO 95% RELATIVE DENSITY.
- 6. FINAL GRADES AROUND THE BUILDING SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING FOUNDATION.

NOTES:

- 1. ALL WORK SHALL CONFORM TO LOCAL CODES
- 2. WATER LINES INSIDE BUILDING TO BE PEX WITH MANUFACTURER'S APPROVED CONNECTIONS.
- 3. WASTE AND VENT TOO BE SCHEDULE 40 PVC WITH DRAINAGE PATTERN FITTINGS AND SOLVENT WELDED JOINTS.
- 4. PROVIDE SHUT-OFF VALVES TO ALL FIXTURES
- 5. INSULATE ALL WATER LINES
- 6. COORDINATE WITH UTILITY COMPANIES AS REQUIRED FOR SERVICE AND METER LOCATIONS.
- 7. THREE COMPARTMENT SINK TO HAVE FLEX SPRAYER WALL MOUNTED FAUCET.

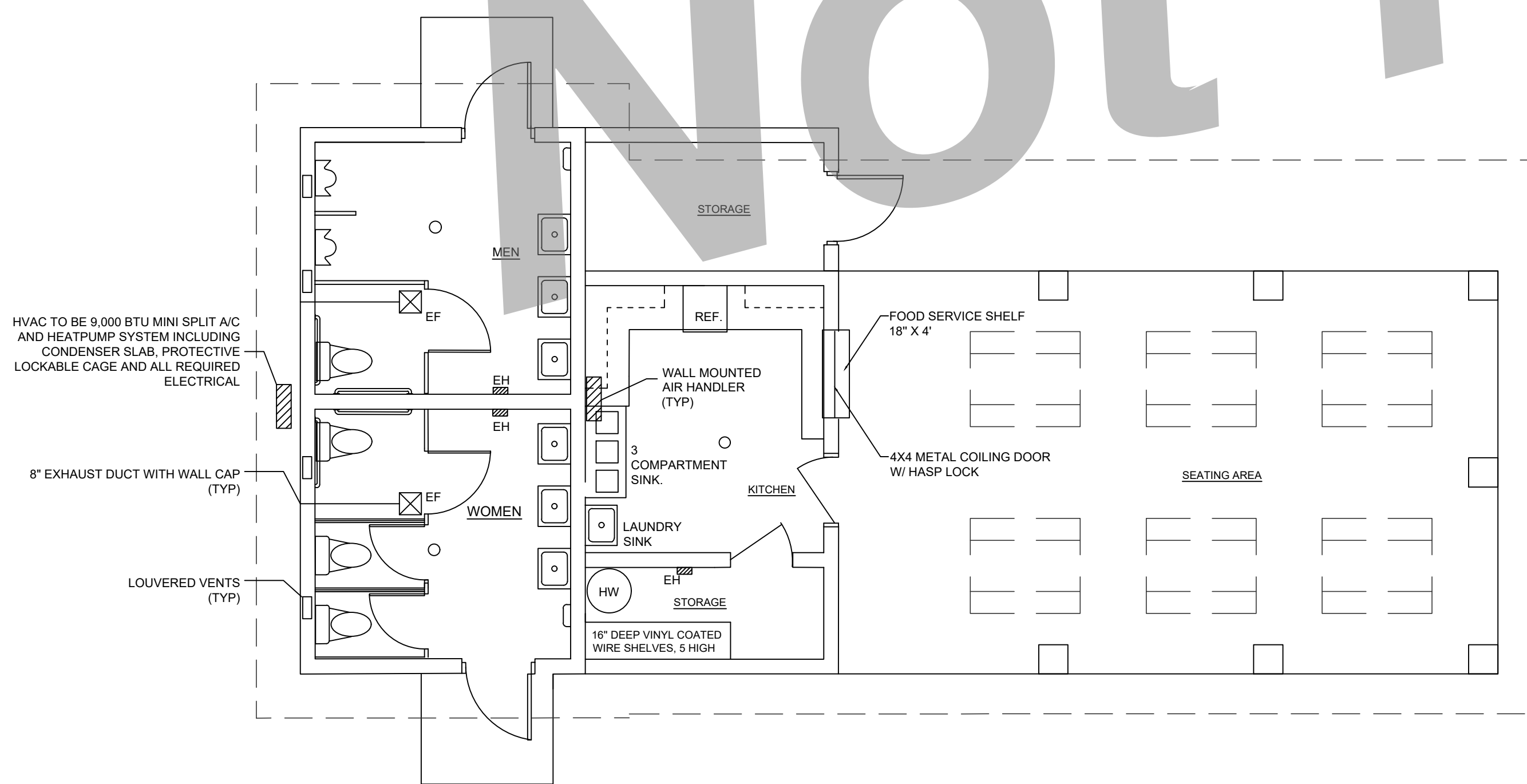
REINFORCED CONCRETE

- 1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED EARTH OR COMPACTED FILL.
- 2. NO CONCRETE SHALL BE POURED ON FROZEN SUBGRADE OR IN WATER.
- 3. NO CONCRETE SHALL BE MAINTAINED ABOVE 60 DEGREE F FOR 5 DAYS MINIMUM.
- 4. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI.
- 5. REINFORCING SHALL MEET ASTM A 615 GRADE 60.
- 6. WELDED WIRE MESH SHALL CONFORM TO ASTM A185.
- 7. REINFORCING SHALL BE LAPPED 36" AT SPLICES WITH SPLICES OF ADJACENT BARS STAGGERED 36" MIN. GRADE BEAM AND CHAIN WALL REINFORCING SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS OR EQUAL SIZE CORNER BARS PROVIDED. TIE ALL SPLICED BARS.
- 8. LAP WELDED WIRE FABRIC 6" AT SPLICES. PLACE IN TOP OF SLAB AS SHOWN.
- 9. SLAB CONSTRUCTION JOINTS SHALL BE AS DRAWN. POUR ALTERNATE SLABS IN CONSECUTIVE SEQUENCE. WAIT 8 HRS. FOR POURS OF ADJACENT SLABS.
- 10. REINFORCED CONCRETE SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS. PLACE 6 MIL POLYETHYLENE FILM UNDER ALL SLABS ON GRADE AND WET CURE SLABS UNDER POLYETHYLENE FILM FOR 7 DAYS.
- 11. SET ALL ANCHOR BOLTS FOR BUILDINGS AND MISC. METALS BEFORE POURING SURROUNDING CONCRETE. SEE PLANS FOR SIZES AND LOCATIONS.
- 12. ALL CONCRETE AND REINFORCING SHALL BE PLACED IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS AND APPLICABLE REQUIREMENTS OF ACI 318-83. REINFORCED CONCRETE-BUILDING CODE AND ACI MANUAL ADI 315-83.
- 13. MAXIMUM CONCRETE SLUMP SHALL BE A MEASURED 4" AT EACH TRUCKLOAD. NO WATER SHALL BE ADDED TO THE CONCRETE AFTER SLUMP TEST IS MADE. CONCRETE SUPPLIER SHALL FURNISH A SLUMP TEST PERFORMED BY AN INDEPENDENT TESTING LAB FOR EACH TRUCK LOAD DELIVERED TO THE JOB.

FRAMING AND TRUSS NOTES

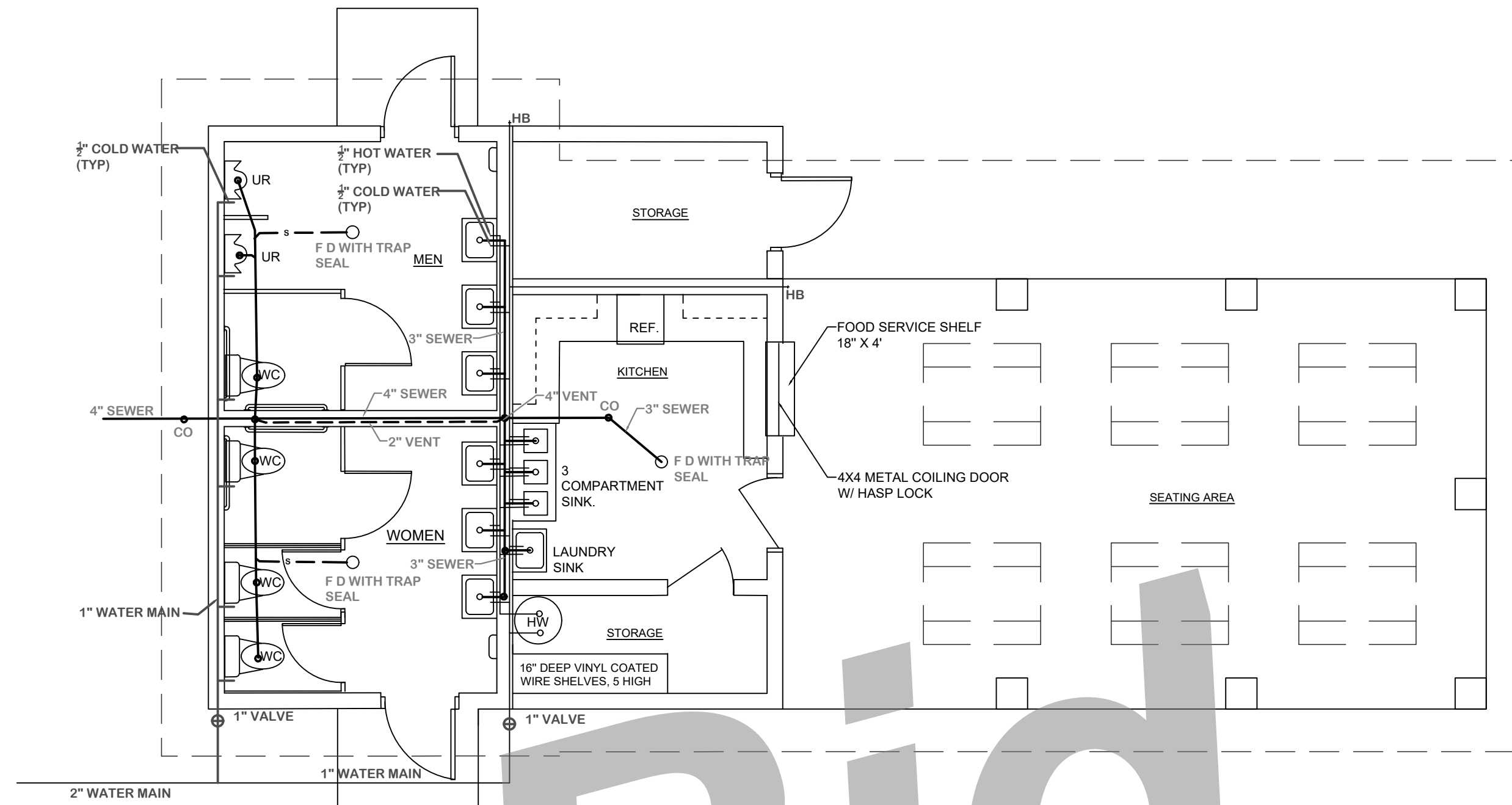
- 1. ALL LUMBER SHALL BE CONSTRUCTION GRADE LUMBER CONFORMING TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION FOR SOUTHERN YELLOW PINE (SYP) TYPE LUMBER, UNLESS NOTED OTHERWISE.
- 2. WOODEN TRUSSES SHOWN ON THE FLOOR FRAMING PLAN ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. MAXIMUM TRUSS SPACING IS 2'-0".
- 3. BRACING SHALL BE IN ACCORDANCE WITH TRUSS PLATE INSTITUTE PUBLICATION "BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS."
- 4. ALL LUMBER USED IN FABRICATION OF WOOD TRUSSES SHALL BE STRUCTURAL GRADE NO. 1 SYP. MINIMUM PER THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL TRUSS CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI).
- 5. ALL PLYWOOD USED IN ROOF CONSTRUCTION SHALL BE NAILED AT 6" O.C. ALONG ALL INTERMEDIATE SUPPORTS AND 4" O.C. ALONG PERIMETER EDGES OF EACH SHEET USING 8d NAILS MINIMUM. VERTICAL JOINTS BETWEEN UPPER AND LOWER SHEETS SHALL BE STAGGERED A MINIMUM OF 2'-0".
- 6. FILL ALL C.M.U. CELLS BELOW FINISH FLOOR SOLID WITH 2,000 PSI GROUT MINIMUM. WHERE ON CONDITION IS SHOWN, IT SHALL APPLY TO ALL LIKE AND SIMILAR CONDITIONS.

SYM	DESCRIPTION
WC	WATER CLOSET, ADA RATED, FLOOR MOUNTED 1.6 GPF, 18" SEAT HEIGHT, VITREOUS CHINA
L	LAVATORY, ADA RATED, WALL MOUNTED, GRID DRAIN, VITREOUS CHINA, SINGLE LEVER FAUCET, 4" CENTERS
3CS	3 COMPARTMENT SINK
FD	FLOOR DRAIN
WH	WATER HEATER 30 GAL LOW-BOY WATER HEATE
UR	URINAL

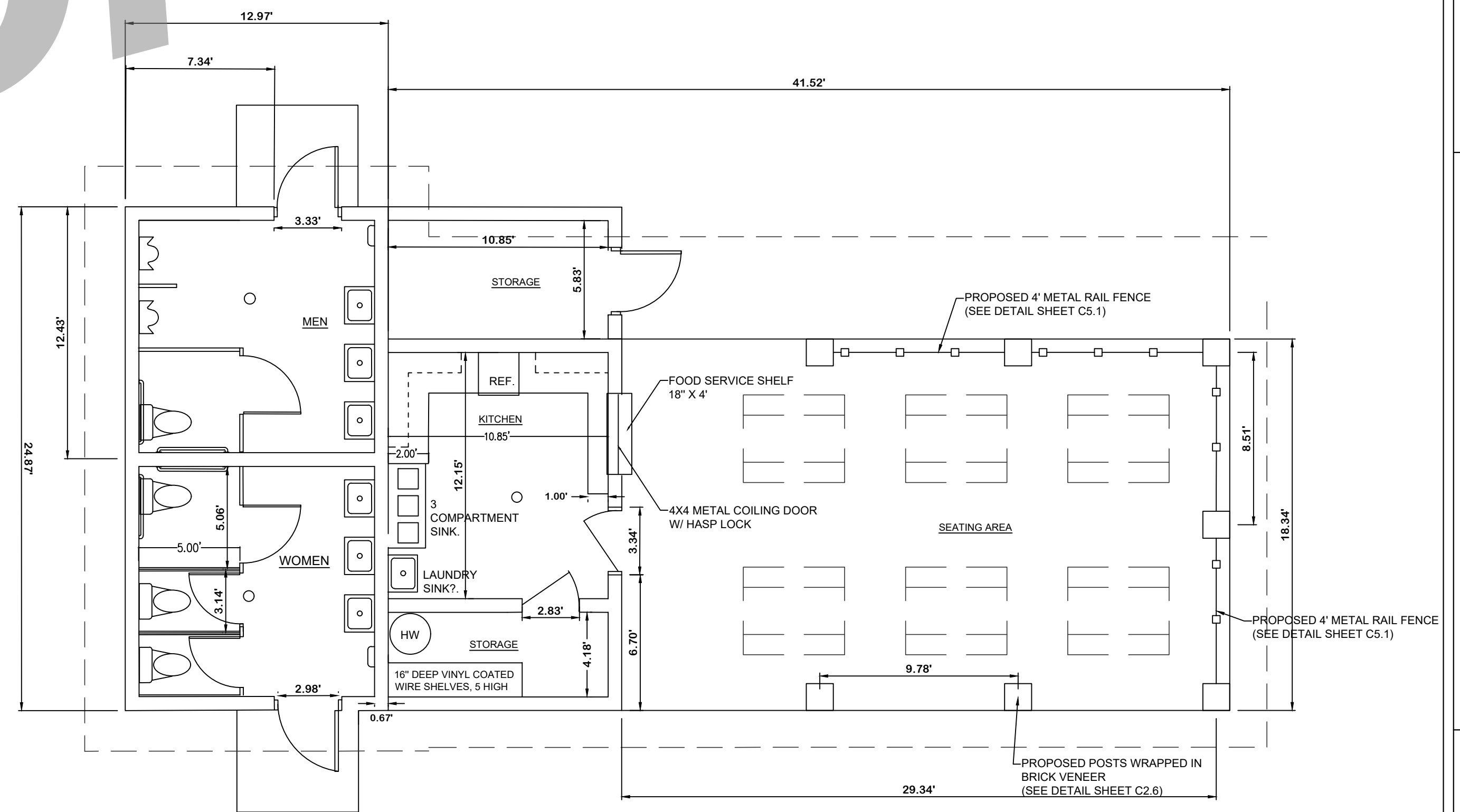


MECHANICAL PLAN

HP	MITSUBISHI 9,000 BTU	NTXSST & NTXWST 09A112A	230 V, SINGLE PHASE,
EF	EXHAUST FAN 200 CFM	BROAN MODEL #505 8"	115V, SINGLE PHASE
EH	ELECTRIC WALL HEATER	KING - LPWV1215 VANDAL RESIST	120V, 1500 W



PLUMBING PLAN



FLOOR PLAN

DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

REVISED:



Level II Certification No. 935
Expiration Date: 10-01-23

1050 PARKSIDE COMMONS
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontonengineering.com

SIMONTON
ENGINEERING

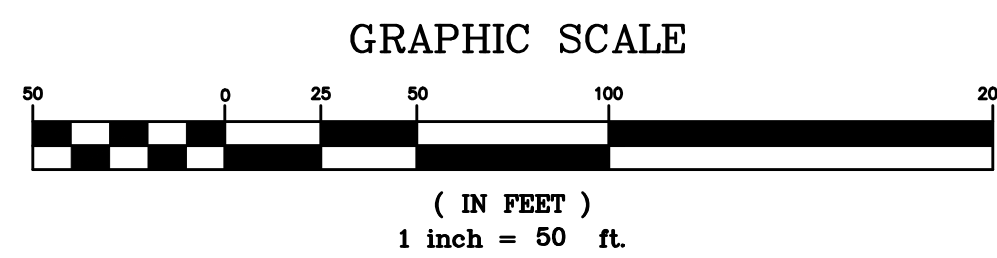
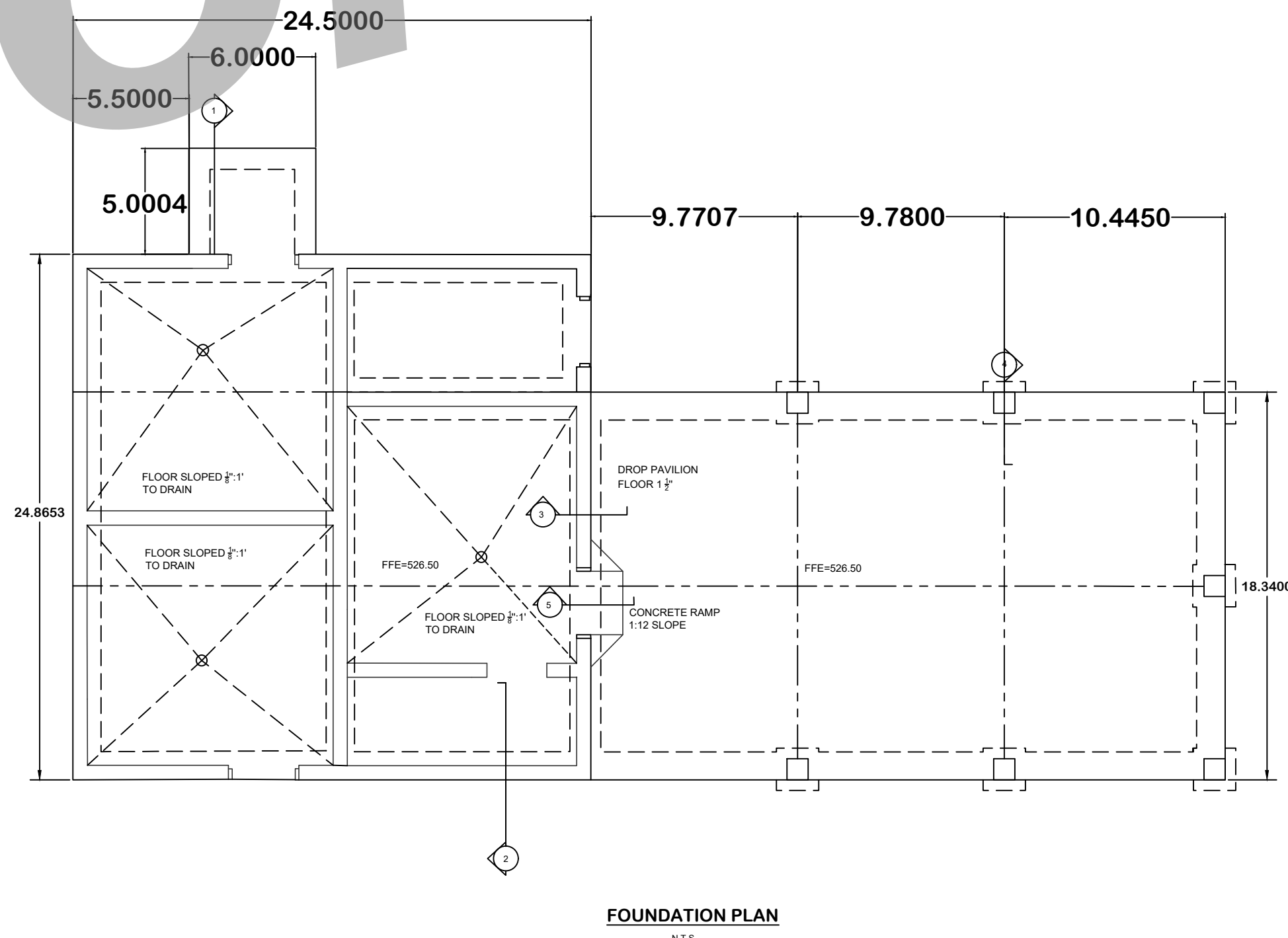
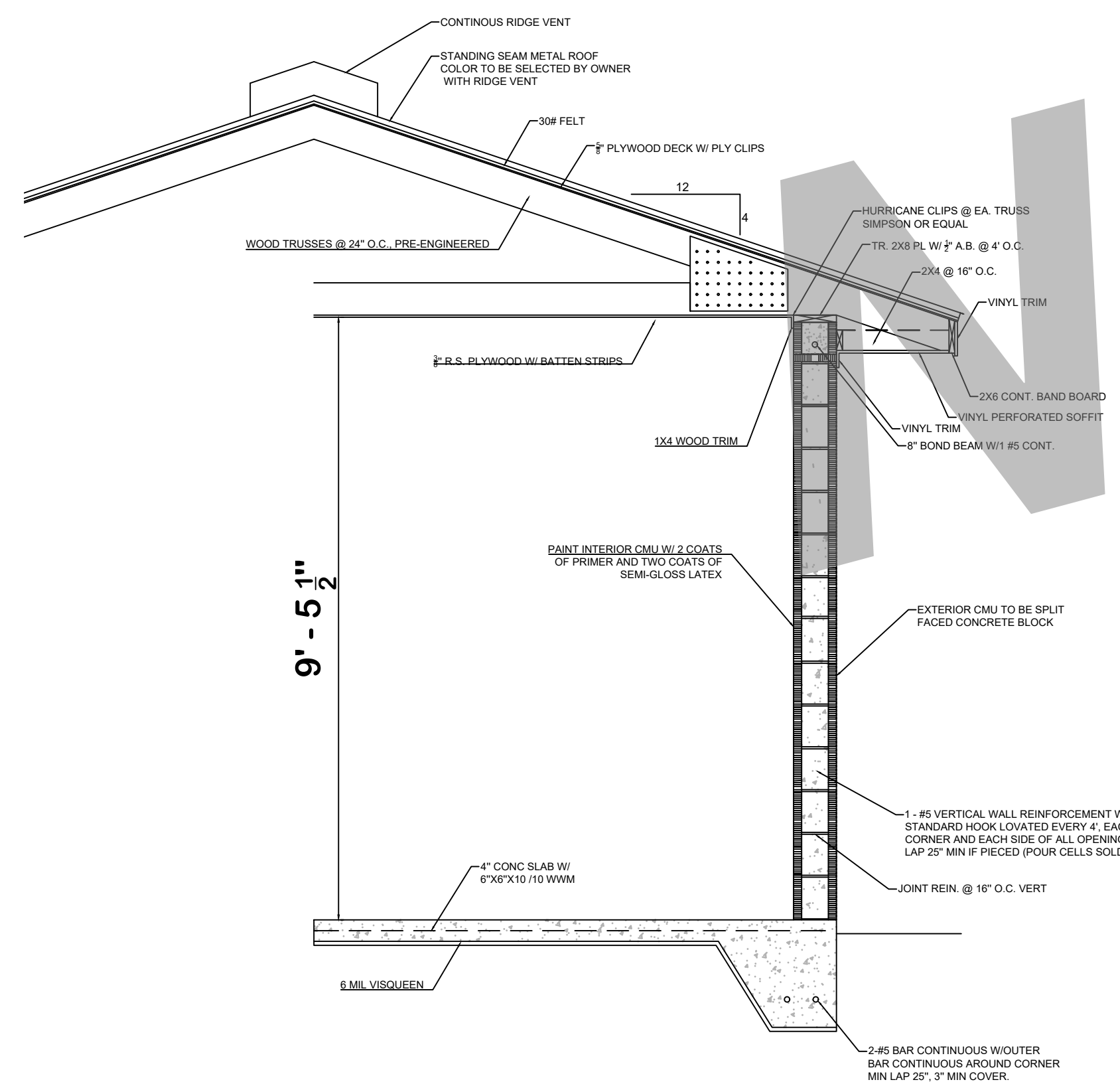
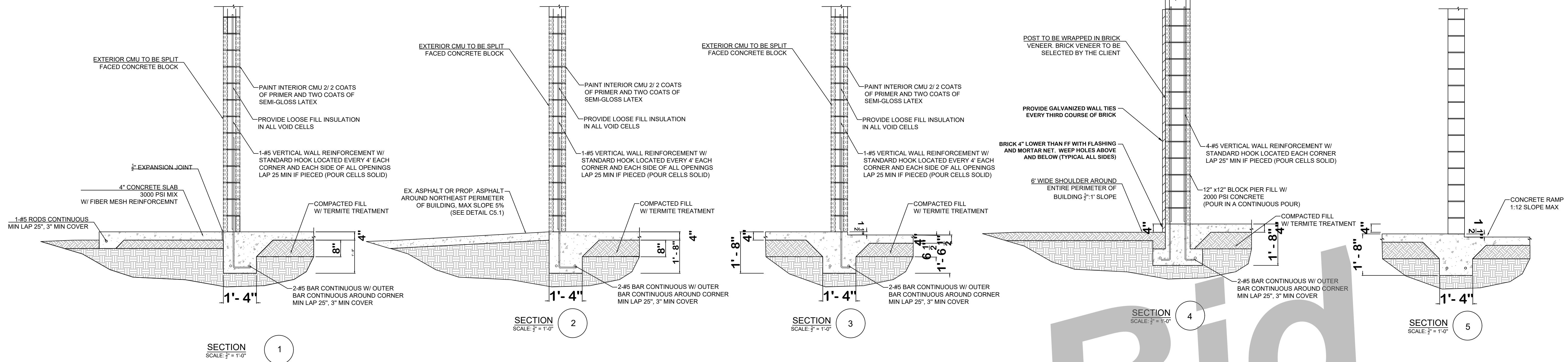


Putnam County Rec. Dept.
Splash Pad & Pavilion

for
Scott Haley
Putnam County, Georgia

Pavilion Plan

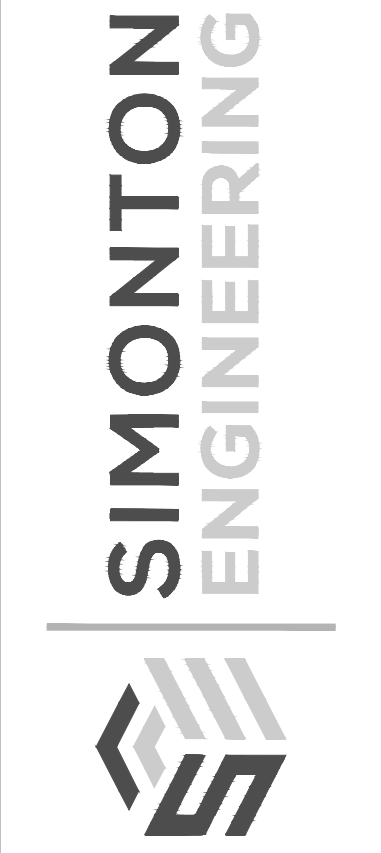
DATE: April 19, 2022
FILE NO.: 2021-159PRJ
SHEET: C 2.5



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.
 REVISED:
 "THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFIC INFORMATION CONTAINED HEREIN IS INTENDED FOR THE NAMED CLIENT ONLY. IN THE EVENT OF AN ELECTRONIC VERSION, SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR THE DRAWING. HARD COPIES WILL TAKE PRECEDENCE OVER ANY ELECTRONIC MEDIA." - SIMONTON ENGINEERING, LLC -

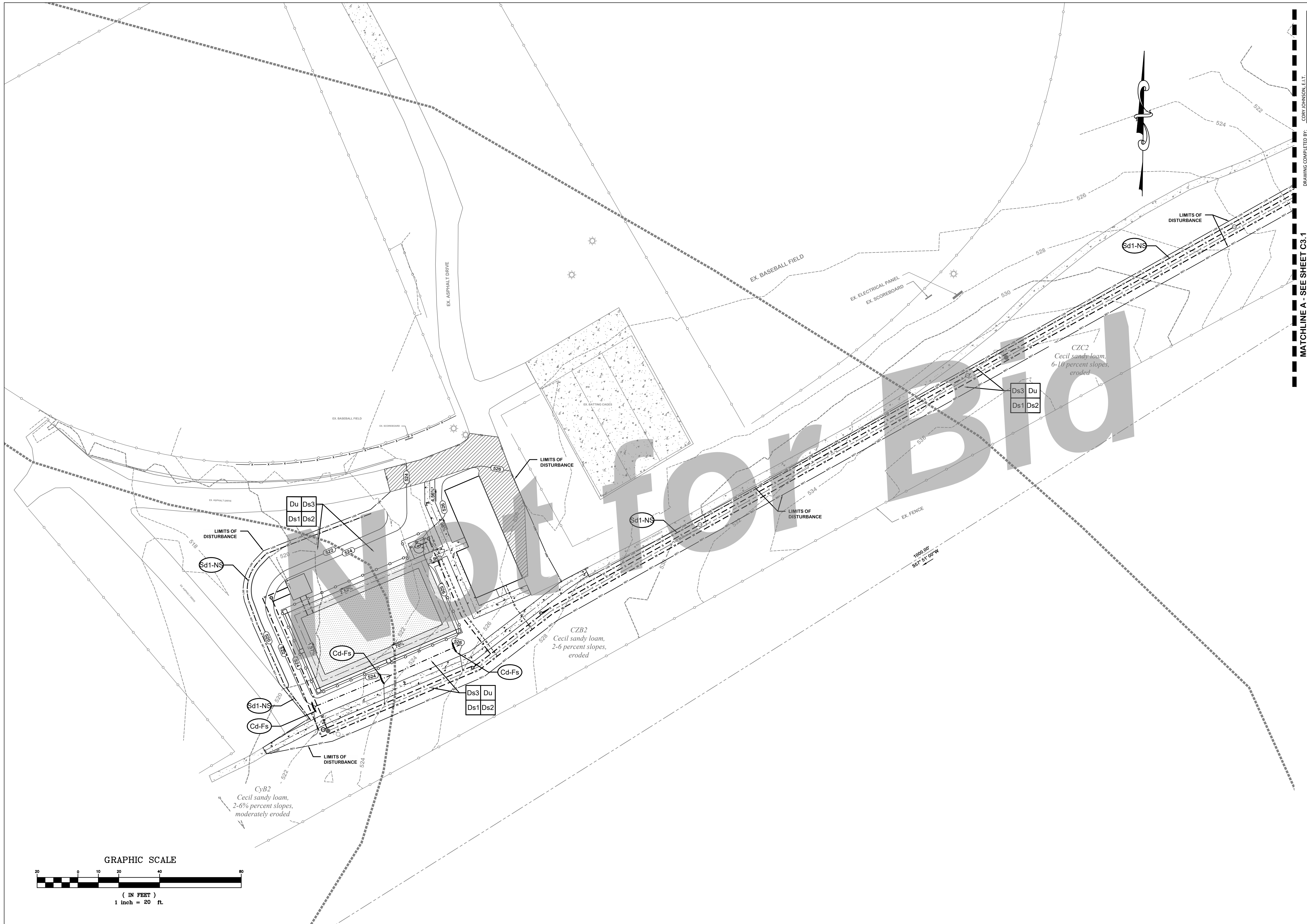


1050 PARKSIDE COMMONS
 SUITE 101
 GREENSBORO, GA 30642
 TEL: (766) 454-0870
 www.simontonengineering.com



Putnam County Rec. Dept.
 Splash Pad & Pavilion
 for
 Scott Haley
 Putnam County, Georgia

Foundation Plan &
 Wall Sections
 DATE: April 19, 2022
 FILE NO: 2021-159PRJ
 SHEET: C 2.6



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

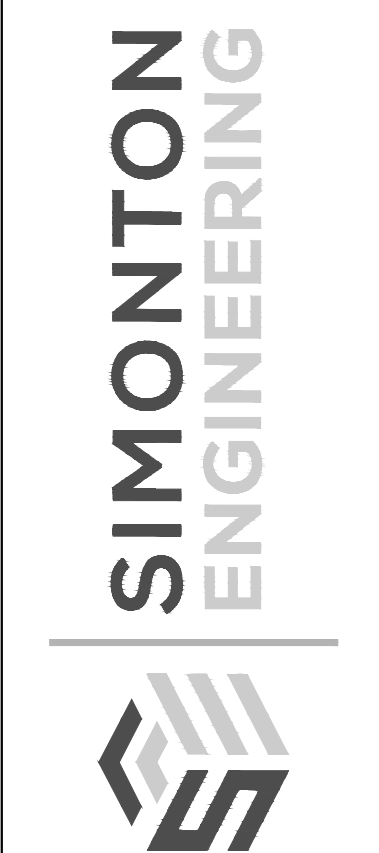
REVISIONS:

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SIMONTON ENGINEERING, LLC. THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS THAT MAY OCCUR FROM THIS DRAWING. IN THE EVENT OF A DISCREPANCY BETWEEN ANY PRINTED OR ELECTRONIC VERSION OF THIS DRAWING, THE PRINTED VERSION SHALL PREVAIL. "SIMONTON ENGINEERING, LLC."



Level II Certification No. 935
Expiration Date: 10-01-23

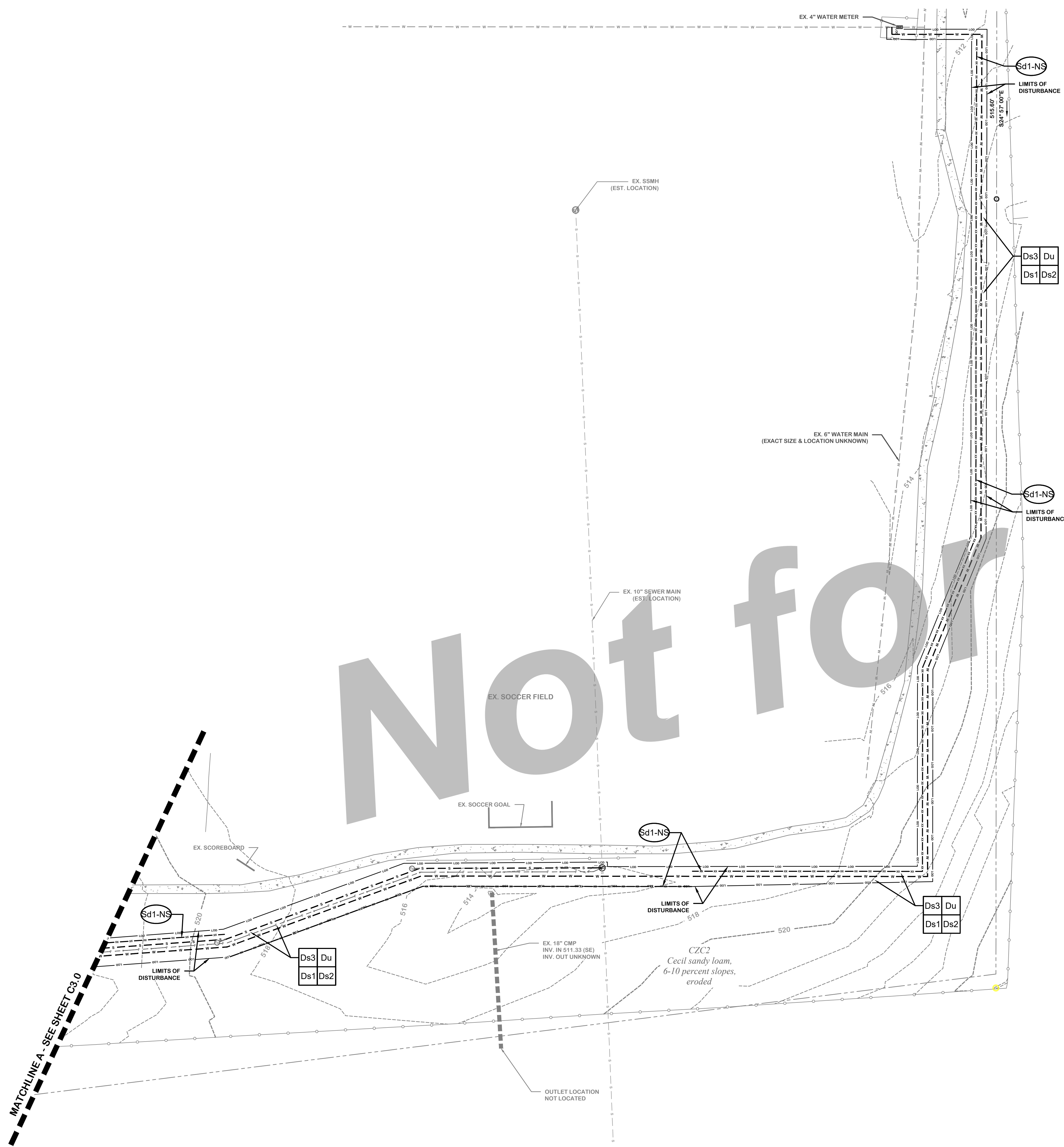
1050 PARKSIDE COMMONS
GREENSBORO, GA 30642
TEL: (706) 454-0870
www.simontonengineering.com



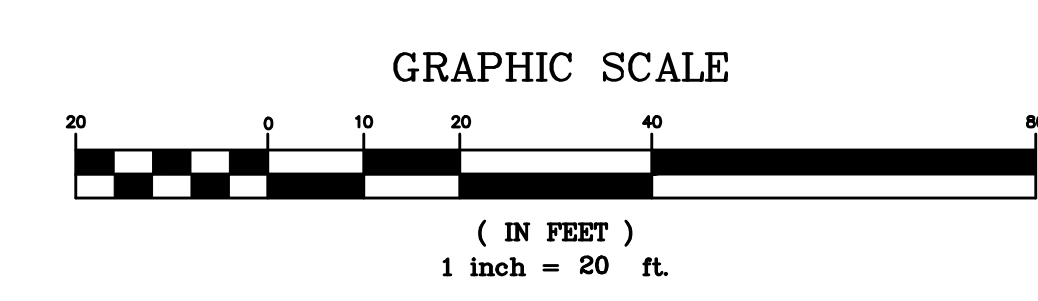
Putnam County Rec. Dept.
Splash Pad & Pavilion
for
Scott Haley
Putnam County, Georgia

Erosion & Sediment
Control Plan

DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C 3.0



Not for Bid



DRAWING COMPLETED BY: CORY JOHNSON, E.I.T.

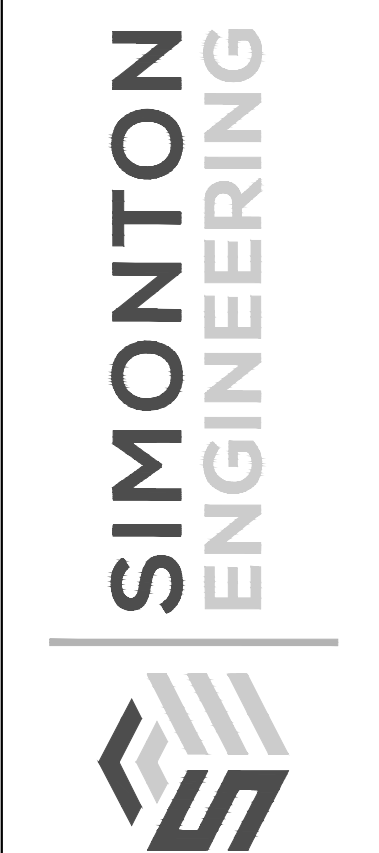
REVISIONS:

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF SIMONTON ENGINEERING, LLC. IT MAY NOT BE COPIED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF SIMONTON ENGINEERING, LLC. INFORMATION CONTAINED HEREIN IS INTENDED FOR THE NAMED CLIENT ONLY. IN THE EVENT OF AN ELECTRONIC VERSION SIMONTON ENGINEERING, LLC ASSUMES NO LIABILITY FOR ANY ERRORS OR OMISSIONS THAT MAY OCCUR IN THIS DRAWING. IN THE EVENT OF A DISCREPANCY BETWEEN THE PRINTED AND ELECTRONIC VERSIONS OF THIS DRAWING, THE ELECTRONIC VERSION SHALL PREVAIL. SIMONTON ENGINEERING, LLC.



Level II Certification No. 935
Expiration Date: 10-01-25

1050 PARKSIDE COMMONS
SUITE 100
GREENSBORO, NC 27409
TEL: (703) 454-0870
www.simontonengineering.com



Putnam County Rec. Dept.
Splash Pad & Pavilion
for
Scott Haley
Putnam County, Georgia

Erosion & Sediment Control Plan

DATE: April 19, 2022
FILE NO: 2021-159PRJ
SHEET: C 3.1

LEGEND FOR EROSION AND SEDIMENT CONTROL PRACTICES

STRUCTURAL PRACTICES

Table with 4 columns: CODE, PRACTICE, DETAIL, MAP SYMBOL, DESCRIPTION. Includes items like Cd CHECKDAM, Co CONSTRUCTION EXIT, Sd1 SEDIMENT BARRIER, Sd2 INLET SEDIMENT TRAP, and Sk FLOATING SURFACE SKIMMER.

VEGETATIVE PRACTICES

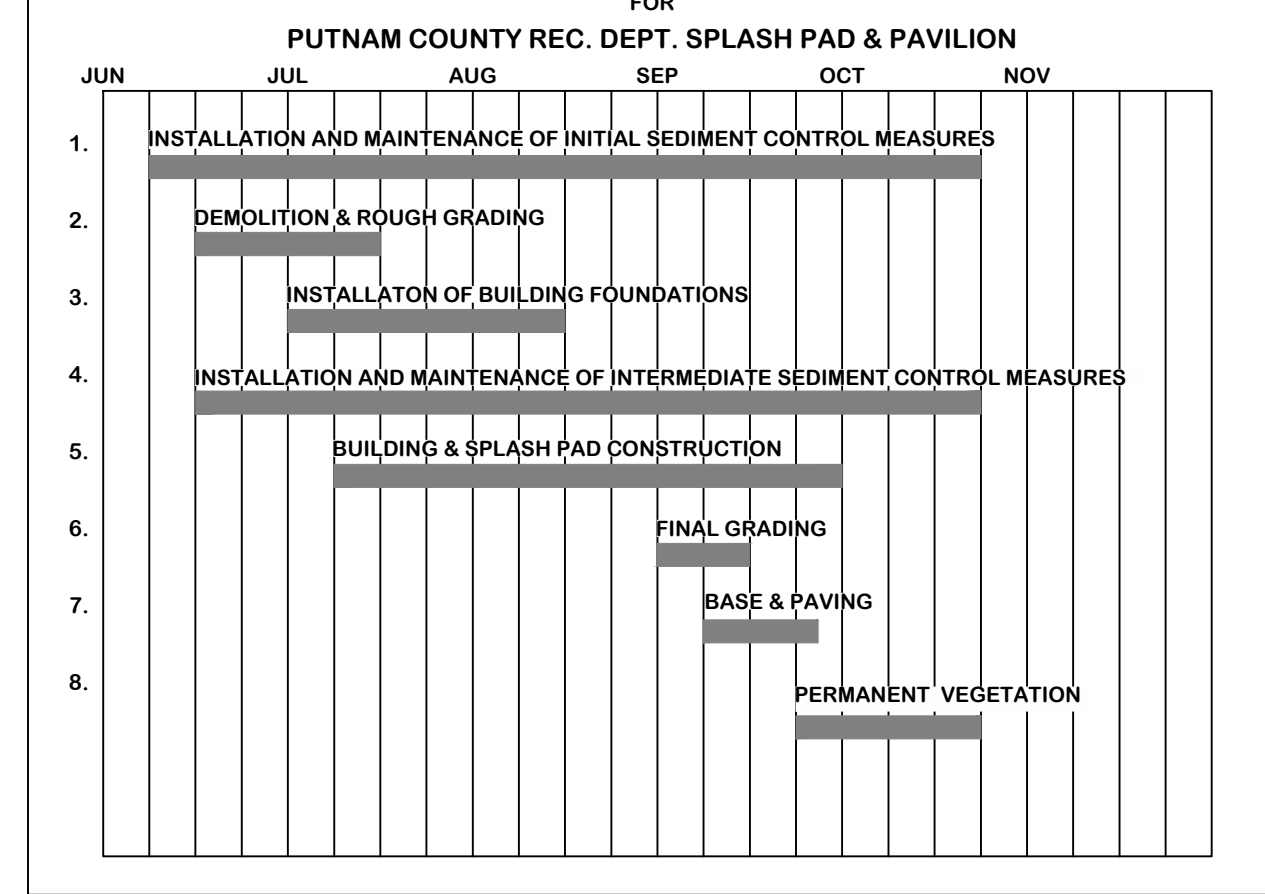
Table with 4 columns: CODE, PRACTICE, DETAIL, MAP SYMBOL, DESCRIPTION. Includes items like Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY), Ds2 DISTURBED AREA STABILIZATION (WITH TEMP SEEDING), Ds3 DISTURBED AREA STABILIZATION (WITH PERM SEEDING), Du DUST CONTROL ON DISTURBED AREAS, and Ss SLOPE STABILIZATION.

POTNAM COUNTY REC. DEPT. SPLASH PAD & PAVILION - EROSION CONTROL SCHEDULE

ITEM (SEE CONSTRUCTION SCHEDULE THIS SHEET)

- 1. Installation of Initial Sediment Control Measures - Before clearing and rough grading begins...
2. Demolition & Rough Grading - Mulch and temporary vegetation will be installed to ensure stabilization...
3. Installation of Building Foundations - Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages...
4. Installation of Intermediate Erosion and Sediment Control Measures - As construction progress, additional erosion and sediment control measures required by plan and as needed will be provided to ensure sediment does not leave the site...
5. Building Construction - Temporary/Permanent grassing practices will be utilized to ensure stabilization at all stages...
6. Final Grading - After building exterior is complete and all utilities in place, final grading is to occur to the elevations shown on the plan...
7. Base & Paving - Silt Fence will be maintained and grassing practices will be utilized to control sedimentation...
8. Permanent Vegetation - The project will be grassed in all location whereas needed to establish a permanent stand of grass...

DETAILED CONSTRUCTION SCHEDULE FOR



SITE DESCRIPTION

THIS SITE IS LOCATED AT 140 RECREATION PARK ROAD IN PUTNAM COUNTY, GA. THE LOT HAS A TOTAL ACREAGE OF 22.8 ACRES. THE EXISTING SITE CONSISTS OF EXISTING RECREATION BUILDINGS, BASEBALL FIELDS, ASPHALT PLAYGROUND, BATTING CAGES, AS WELL AS OTHER EXISTING FACILITIES. THE PROPOSED DEVELOPMENT IS THE CONSTRUCTION OF A SPLASH PAD ALONG WITH A PAVILION ALONG WITH CONCRETE SIDEWALKS, AS WELL AS ASSOCIATED INFRASTRUCTURE. THE PLAN PROPOSES A DISTURBED ACREAGE OF 0.52 ACRES.

Ds3 MULCHING REQUIREMENTS

SEEDED AREAS SHALL BE MULCHED WITH GOOD QUALITY DRY STRAW FREE OF WEED SEEDS AT A RATE OF 2 TONS PER ACRE. HYDROSEEDED AREAS SHALL BE MULCHED WITH WOOD CELLULOSE MULCH OR WOOD PULP FIBER AT A RATE OF 500 LBS. PER ACRE.

SEDIMENT STORAGE SUMMARY:

DISTURBED AREA = 0.52 AC
REQUIRED SEDIMENT STORAGE = 34.84 CY
(67 CY/AC X 0.52 AC = 34.84 CY)

SILT FENCE SEDIMENT STORAGE
AVAILABLE STORAGE = 600 LF X 0.17 CY/FT = 102 CY

TOTAL SEDIMENT STORAGE ACHIEVED = 102 CY

SEDIMENT STORAGE NOTE

THE INSTALLATION OF TEMPORARY SEDIMENT BASINS ARE NOT FEASIBLE OR PRACTICAL ON THIS PROJECT. THERE IS NOT ADEQUATE AREA AVAILABLE AND INSTALLATION OF A SEDIMENT BASIN WOULD CAUSE MORE LAND DISTURBANCE THAN NECESSARY.

IT IS OUR PROFESSIONAL OPINION THAT SUFFICIENT SEDIMENT STORAGE WILL BE OBTAINED WITH PROPER INSTALLATION AND MAINTENANCE OF PROPOSED BMP'S.

SPECIFICATIONS

- A. FOR TEMPORARY PROTECTION OF CRITICAL AREAS WITHOUT SEEDING. THIS STANDARD APPLIES TO GRADES OR CLEARED AREA WHICH MAY BE SUBJECTED TO EROSION FOR 6 MONTHS OR LESS, WHERE SEEDING MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT WHICH CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

- 1. GRADE, AS NEEDED AND FEASIBLE, TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS TERRACES AND SEDIMENT BARRIERS. AS NEEDED AND FEASIBLE, LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS

- 1. DRY STRAW OR HAY - SPREAD AT A RATE OF 2 1/2 TONS PER ACRE. WOOD WASTE, CHIPS, SAWDUST OR BARK - SPREAD 2 TO 3 INCHES DEEP (ABOUT 6 TO 9 TONS PER ACRE).
2. EROSION CONTROL MATTING OR NETTING, SUCH AS EXCELSIOR, JUTE, TEXTILE AND PLASTIC MATTING AND NETTING - APPLIED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
3. CUTBACK ASPHALT, SLOW CURING - APPLIED AT 1200 GALLONS PER ACRE (OR 1/4 GALLON PER SQ. YD.).
4. POLYETHYLENE FILM - SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION.

APPLYING AND ANCHORING MULCH

- 1. APPLY STRAW OR HAY MULCH UNIFORMLY BY HAND OR MECHANICALLY. ANCHOR AS APPROPRIATE AND FEASIBLE. IT MAY BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK"...
2. SPREAD WOOD WASTE UNIFORMLY ON SLPES THAT ARE 3:1 AND FLATTER. NO ANCHORING IS NEEDED.
3. COMMERICAL MATTING AND NETTING - FOLLOW MANUFACTURER'S SPECIFICATION INCLUDED WITH THE MATERIAL.
4. APPLY ASPHALT TO SO AREA HAS UNIFORM APPEARANCE. (NOTE: USE IN AREAS OF PEDESTRIAN TRAFFIC COULD CAUSE PROBLEMS OR "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.).

- B. TO CONSERVE MOISTURE AND CONTROL WEEDS IN NURSERIES, ORNAMENTAL BEDS, AROUND SHRUBS, AND ON BAR AREAS ON LAWNS.

MULCHING MATERIALS

USE ONE OF THE MATERIALS LISTED BELOW AND APPLY AT THICKNESS INDICATED.

Table with 2 columns: MATERIAL, DEPTH. Lists materials like Grain straw or grass hay, Pine needles, Wood waste, Shredded residues, and Polyethylene film with their respective application depths.

Ds1 DISTURBED AREA STABILIZATION W/ MULCHING ONLY

POTENTIAL POLLUTANT MATERIALS INVENTORY

- 1. Concrete
2. Detergents
3. Paints (Roadway Striping)
4. Tar
5. Fertilizers
6. Petroleum Based Products
7. Cleaning Solvents
8. Wood

Ds2 SPECIES AND PLANTING SCHEDULE

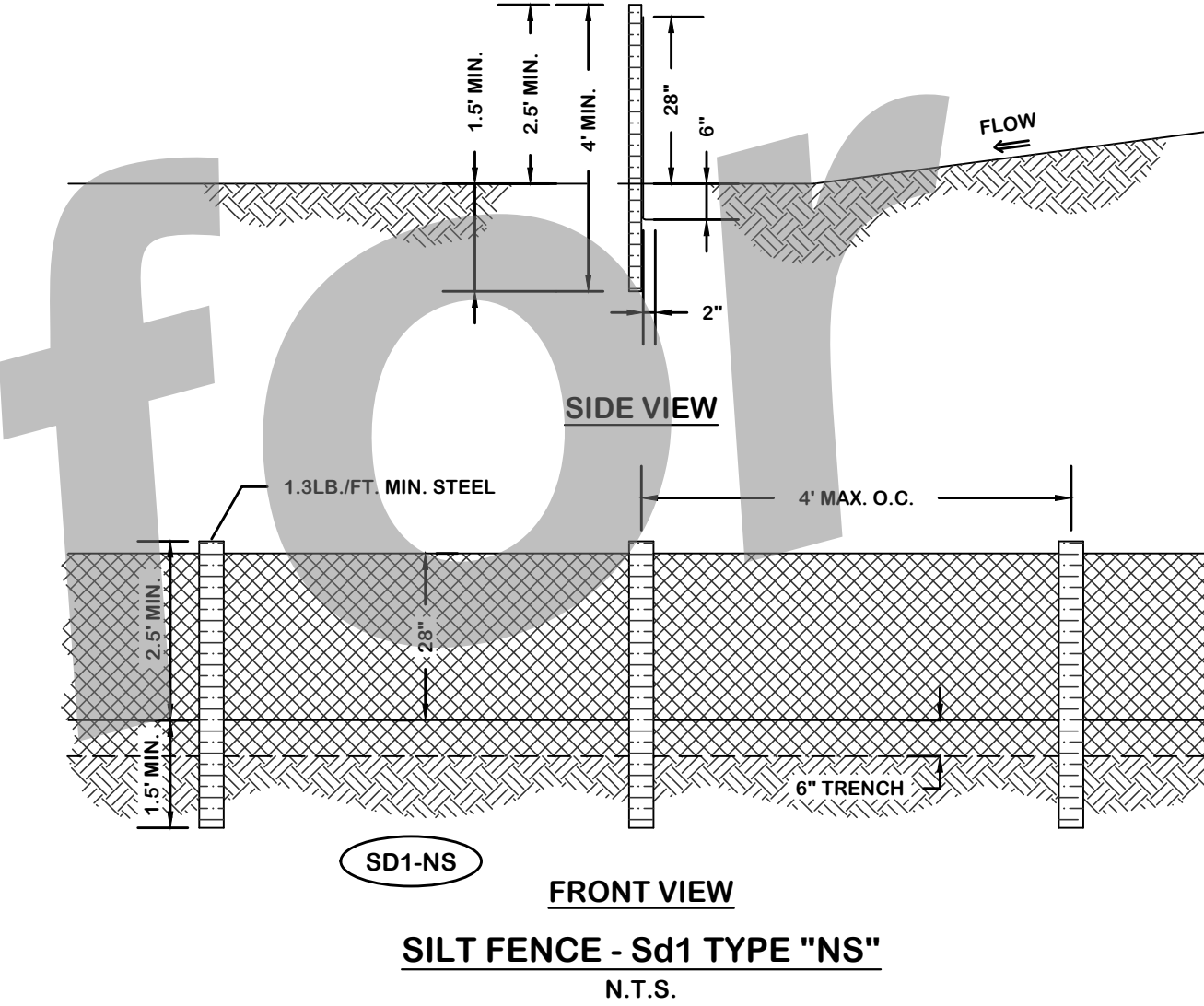
Table with columns: SPECIES, BROADCAST RATES (PER ACRE, PER 1000 Sq. Ft.), PLANTING DATES BY RESOURCE AREAS (3), REMARKS. Lists species like Lespedeza, Millet, Rye, Ryegrass, and Sudangrass.

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
(2) M=L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
(3) D=1 REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
(4) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

FERTILIZER AND LIME REQUIREMENTS FOR TEMPORARY VEGETATION (Ds2)

Table with columns: TYPES OF SPECIES, PLANTING YEAR, FERTILIZER (N-P-K), RATE (LBS./ACRE), N TOP DRESSING RATE (LBS./ACRE), LIME APPLICATION (TONS/ACRE). Lists requirements for Cool Season Grasses, Warm Season Grasses, and Temporary Cover Crops.

Ds2 DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)



(COORDINATE WITH FINAL LANDSCAPING PLAN)

Table with columns: SPECIES, BROADCAST RATES (PLS 2/ PER ACRE, PLS 2/ PER 1000 S.F.), PLANTING DATES BY RESOURCE AREAS, SPECIFICATIONS. Lists species like Bermuda, Ryegrass, Fescue, and Centipede.

(1) BROADCAST RATES ARE IN PURE LIVE SEED (PLS)
(2) M=L REPRESENTS THE MOUNTAIN, BLUE RIDGE, AND RIDGES AND VALLEYS MLRA'S
(3) D=1 REPRESENTS SOUTHERN COASTAL PLAIN, SAND HILLS, BLACK LANDS, AND ATLANTIC COAST FLATWOODS MLRA'S
(4) DARK LINES INDICATE OPTIMUM DATES, GRAY LINES INDICATE PERMISSIBLE BUT MARGINAL DATES.

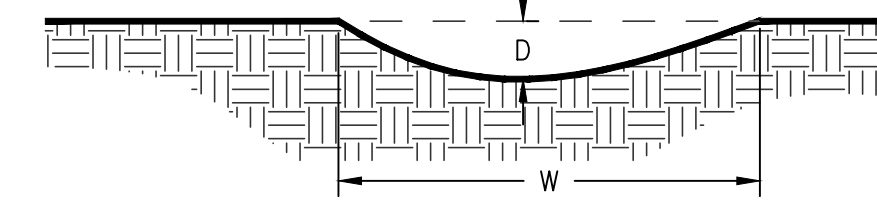
FERTILIZER AND LIME REQUIREMENTS FOR PERMANENT VEGETATION (Ds3)

Table with columns: TYPES OF SPECIES, PLANTING YEAR, FERTILIZER (N-P-K), RATE (LBS./ACRE), N TOP DRESSING RATE (LBS./ACRE), LIME APPLICATION (TONS/ACRE). Lists requirements for Cool Season Grasses, Warm Season Grasses, and Legumes.

Ds3 PERMANENT GRASSING MULCHING RATES

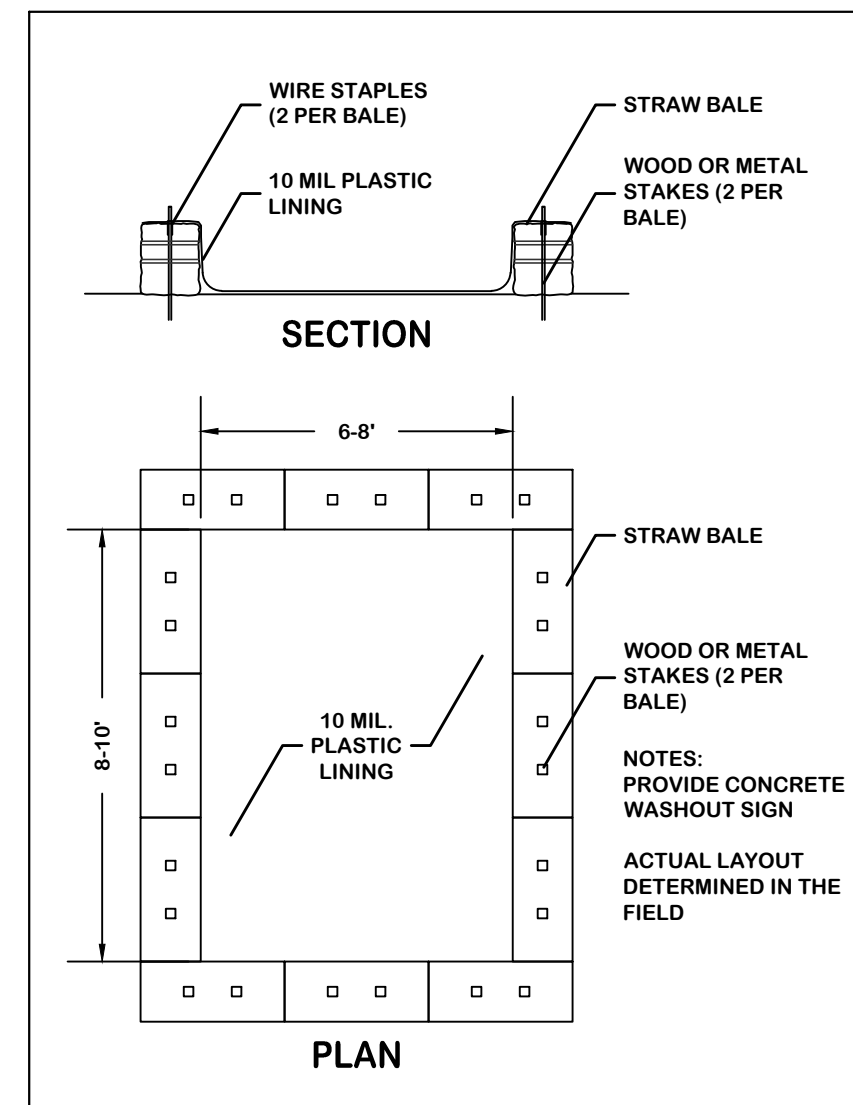
Table with columns: MATERIAL, DEPTH. Lists materials like Grain straw or grass hay, Pine needles, Wood waste with their respective application depths.

Ds3 DISTURBED AREA STABILIZATION (WITH PERM SEEDING)

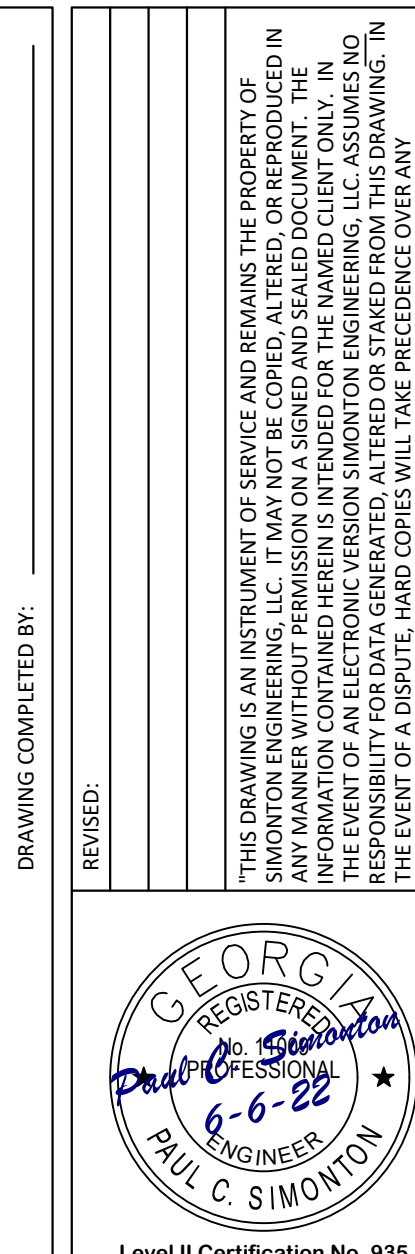


SWALE DETAIL CROSS SECTION N.T.S.

Swale Sizing Chart table with columns: SWALE I.D., DEPTH (D), WIDTH (W). Shows values for 6 inch depth and 5 foot width.



CONCRETE WASHOUT DETAIL NOT TO SCALE



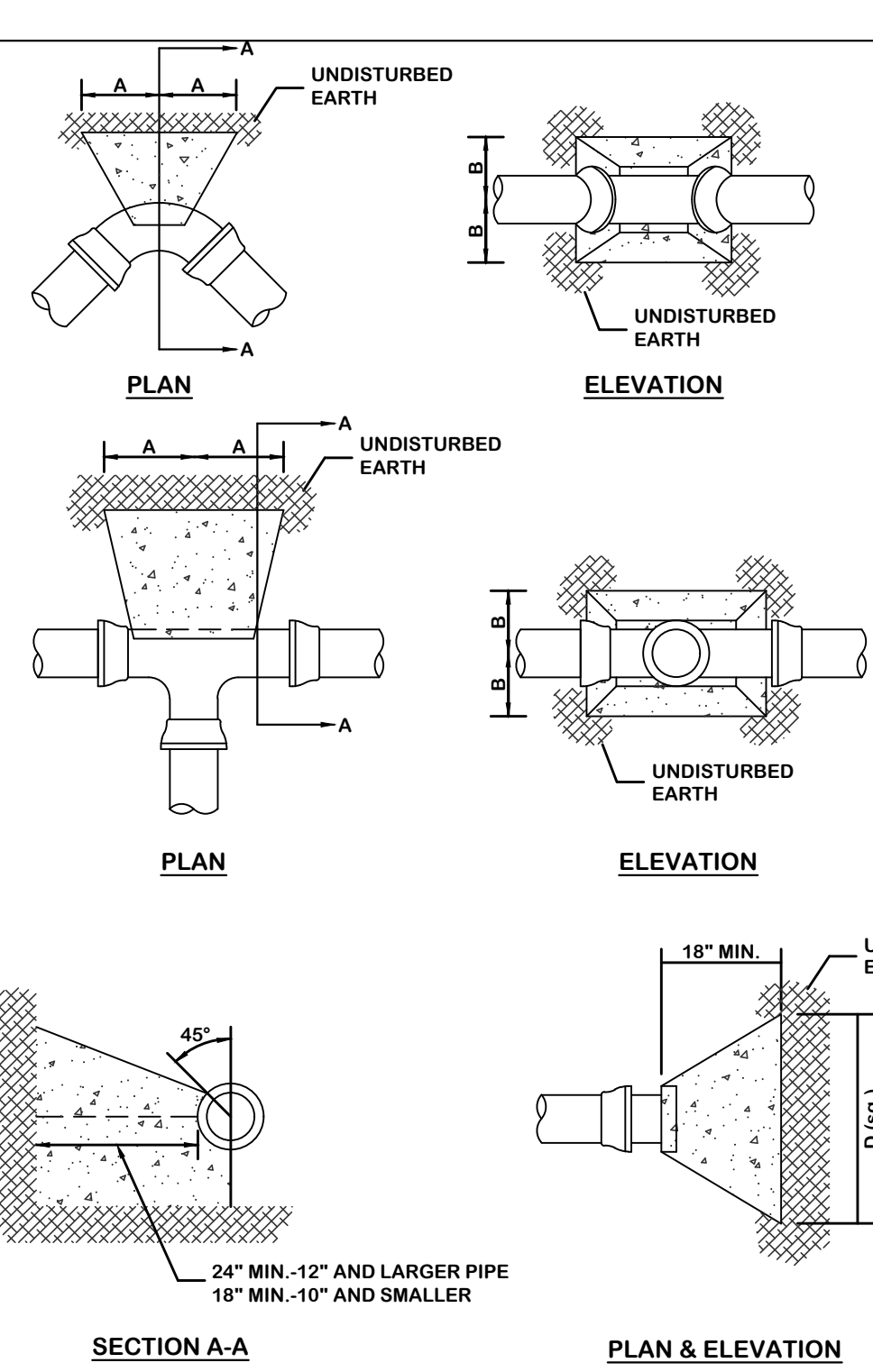
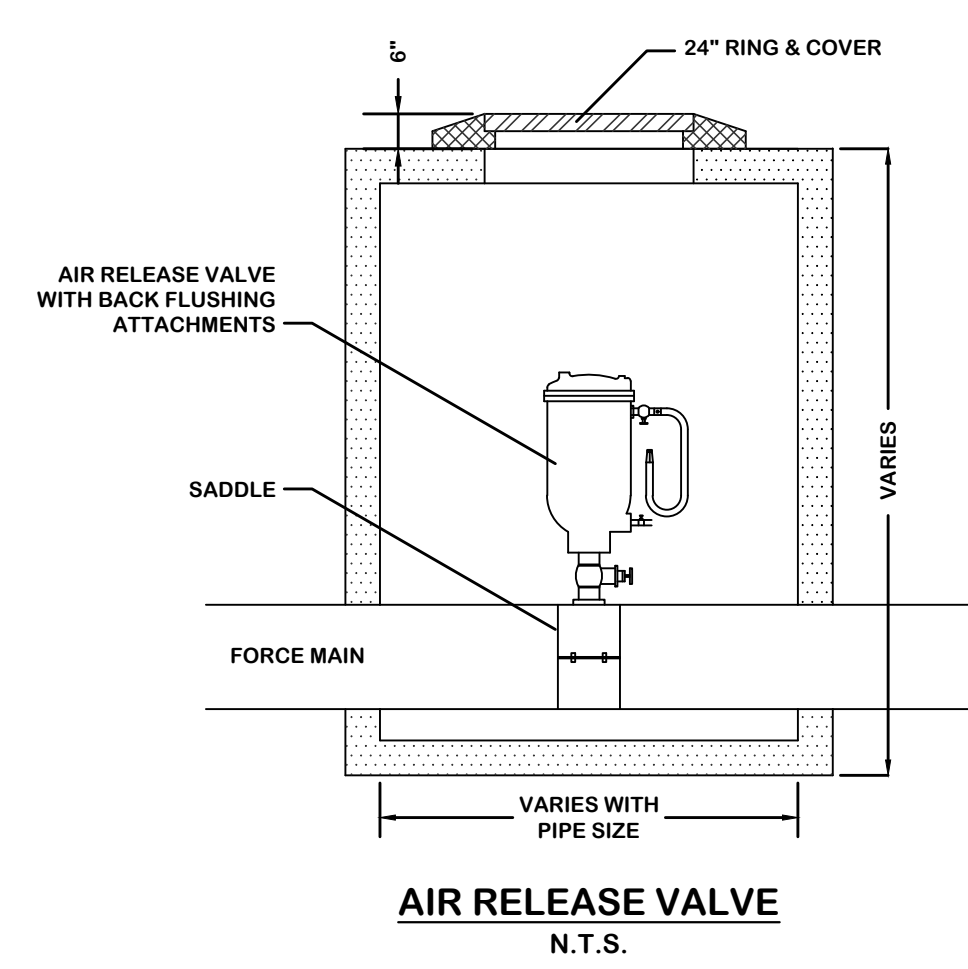
1550 PARKSIDE COMMONS
STATE COLLEGE, GA. 30642
GREENSBORO, NC 27407
TELE: (706) 454-0870
WWW.SIMONTONENGINEERING.COM

SIMONTON ENGINEERING

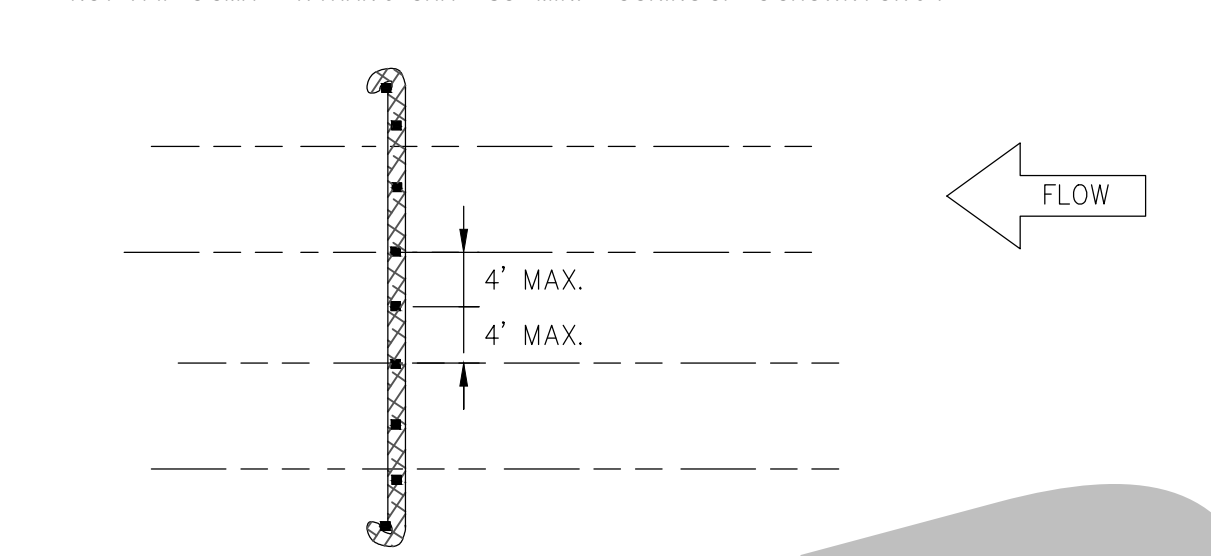


Putnam County Rec. Dept. Splash Pad & Pavilion for Scott Haley Putnam County, Georgia

Details
DATE: April 19, 2022
FILE NO.: 2021-159PRJ
SHEET: C 50

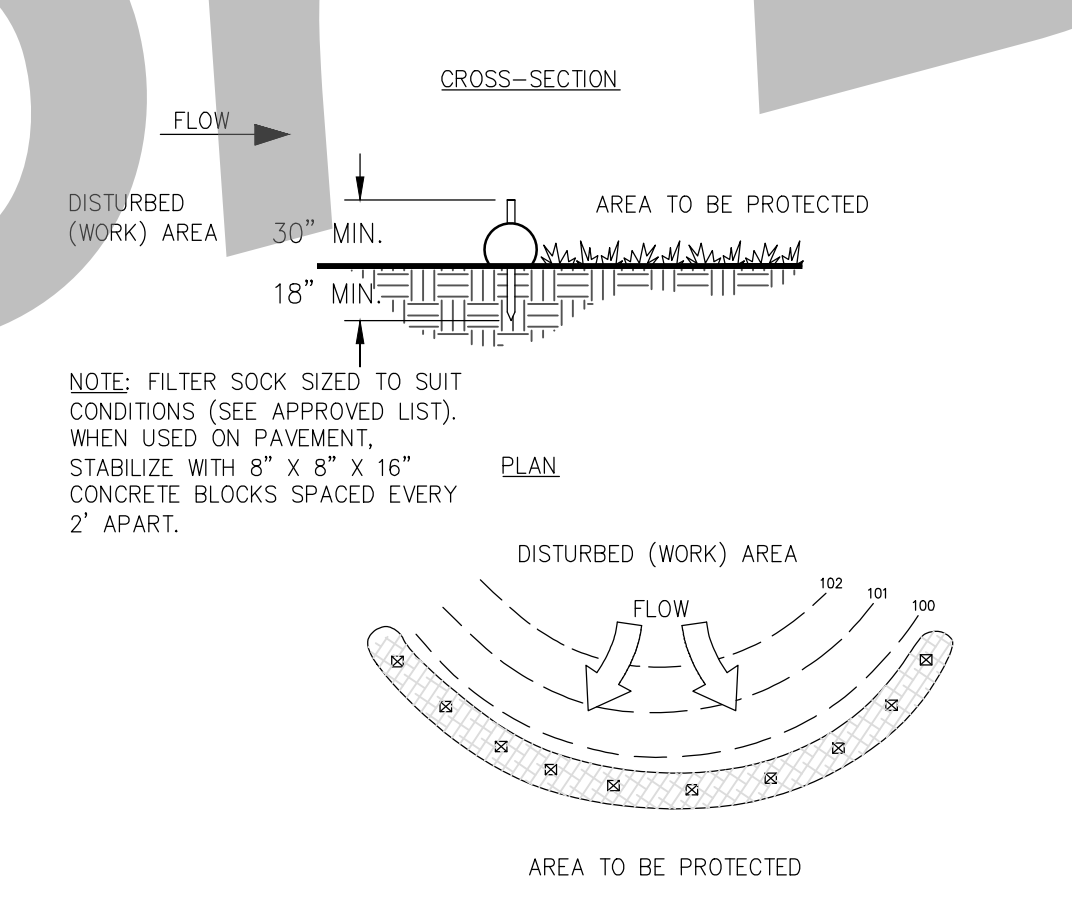


TYPE	SIZE	1/4 BENDS		1/8 BENDS		1/16 BENDS		TEES		PLUGS	
		A	B	A	B	A	B	A	B	C	D
TYPE 1 2,000 PSF SOIL	6"	16"	10"	9"	10"	6"	8"	10"	12"	10"	21"
	8"	22"	13"	12"	13"	8"	10"	13"	16"	12"	29"
	10"	26"	17"	14"	17"	10"	13"	16"	20"	14"	36"
	12"	29"	21"	16"	21"	11"	16"	18"	24"	16"	41"
	14"	35"	24"	19"	24"	12"	20"	22"	27"	18"	48"
	16"	38"	27"	21"	27"	12"	24"	24"	30"	20"	54"

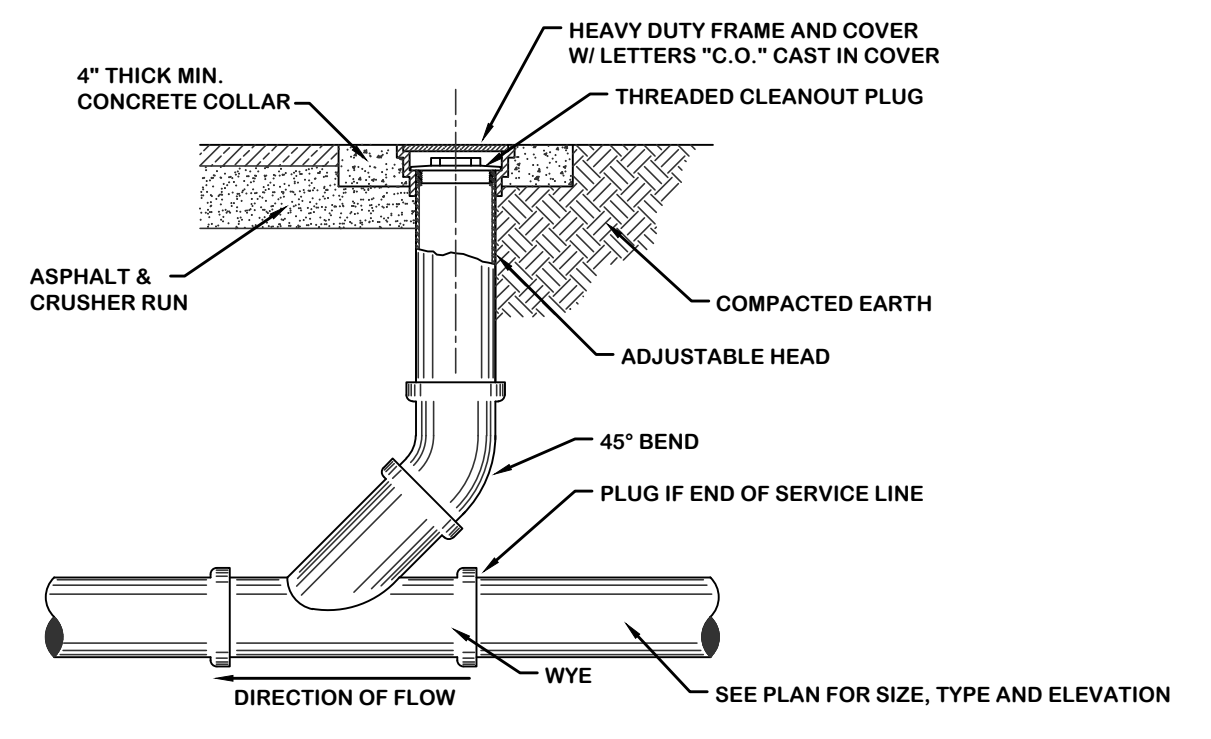


TYPICAL PLAN FOR COMPOSITE SOCK CHECK DAM

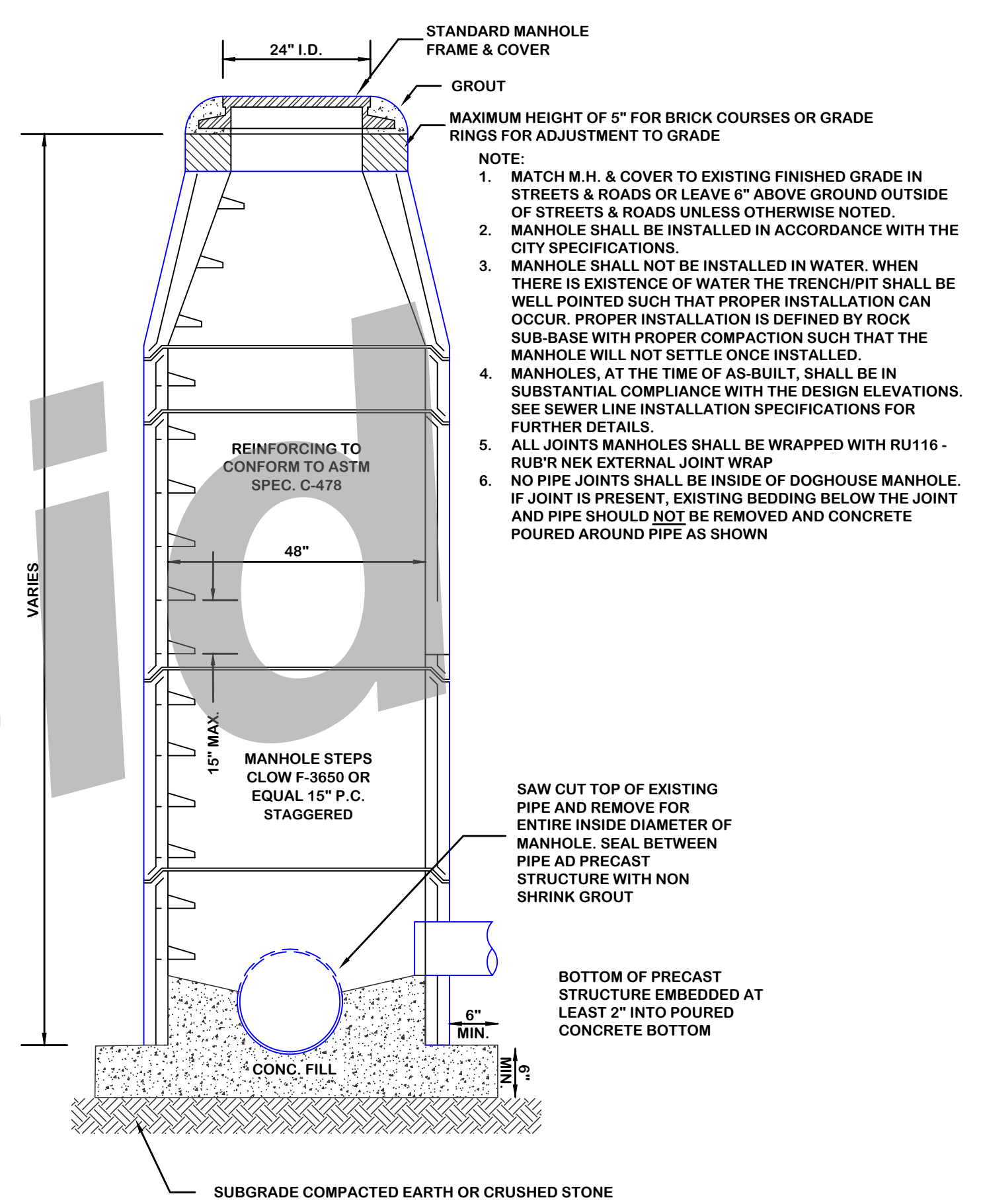
- NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
 2. PLACE ONE STAKE AT THE CENTER OF THE DITCH/CHANNEL. ALSO PLACE STAKES AT THE BED/BANK JUNCTION AND AT END OF THE DEVICE NOT SPACED MORE THAN 4 FEET APART.
 3. SEDIMENT SHOULD BE REMOVED FROM BEHIND THE CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 4. CHECK DAMS CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
 5. MINIMUM STAKING DEPTH FOR SAND, SILT, AND CLAY SHALL BE 18".



Cd-Fs COMPOST FILTER SOCK CHECK DAM

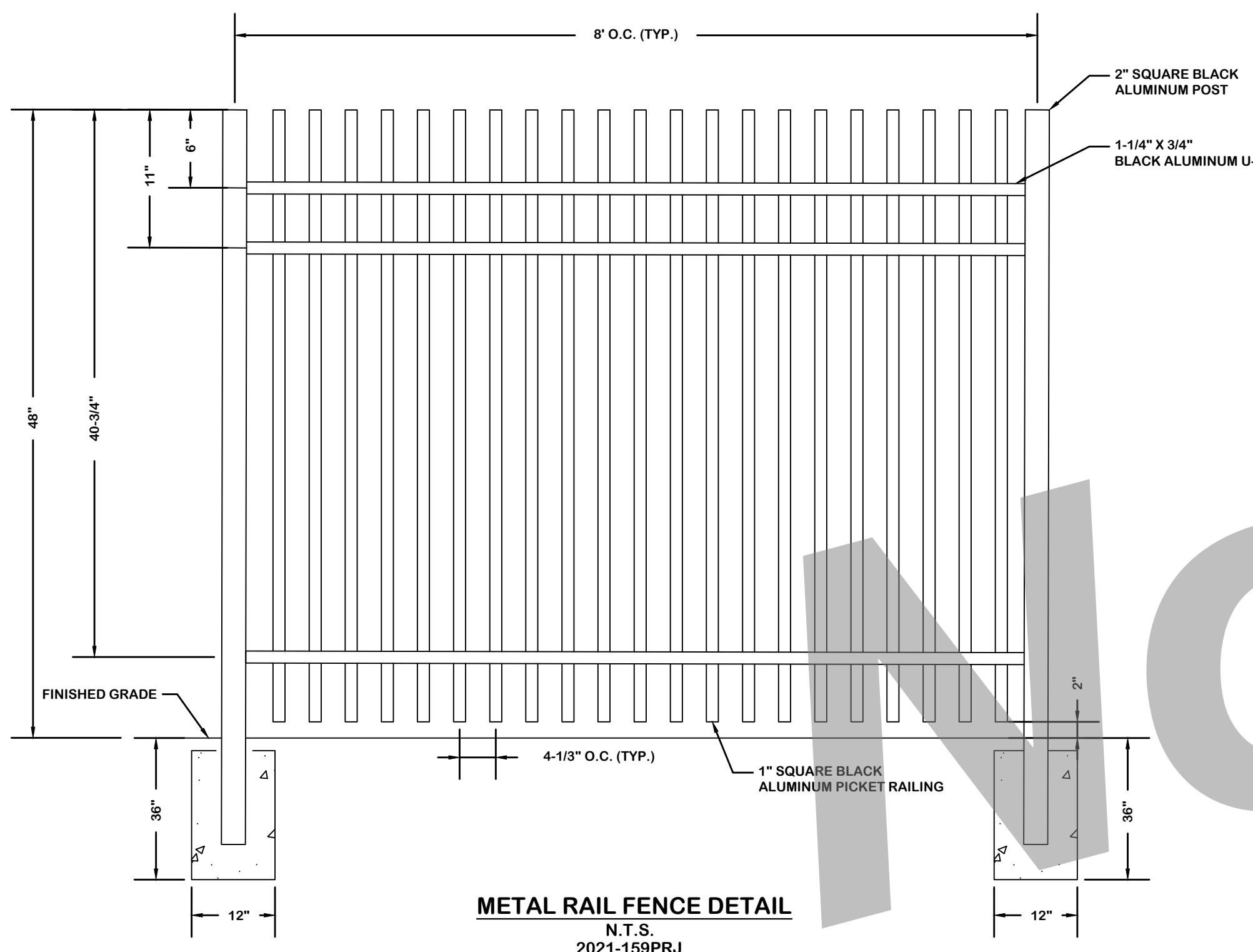


CLEANOUT DETAIL N.T.S.

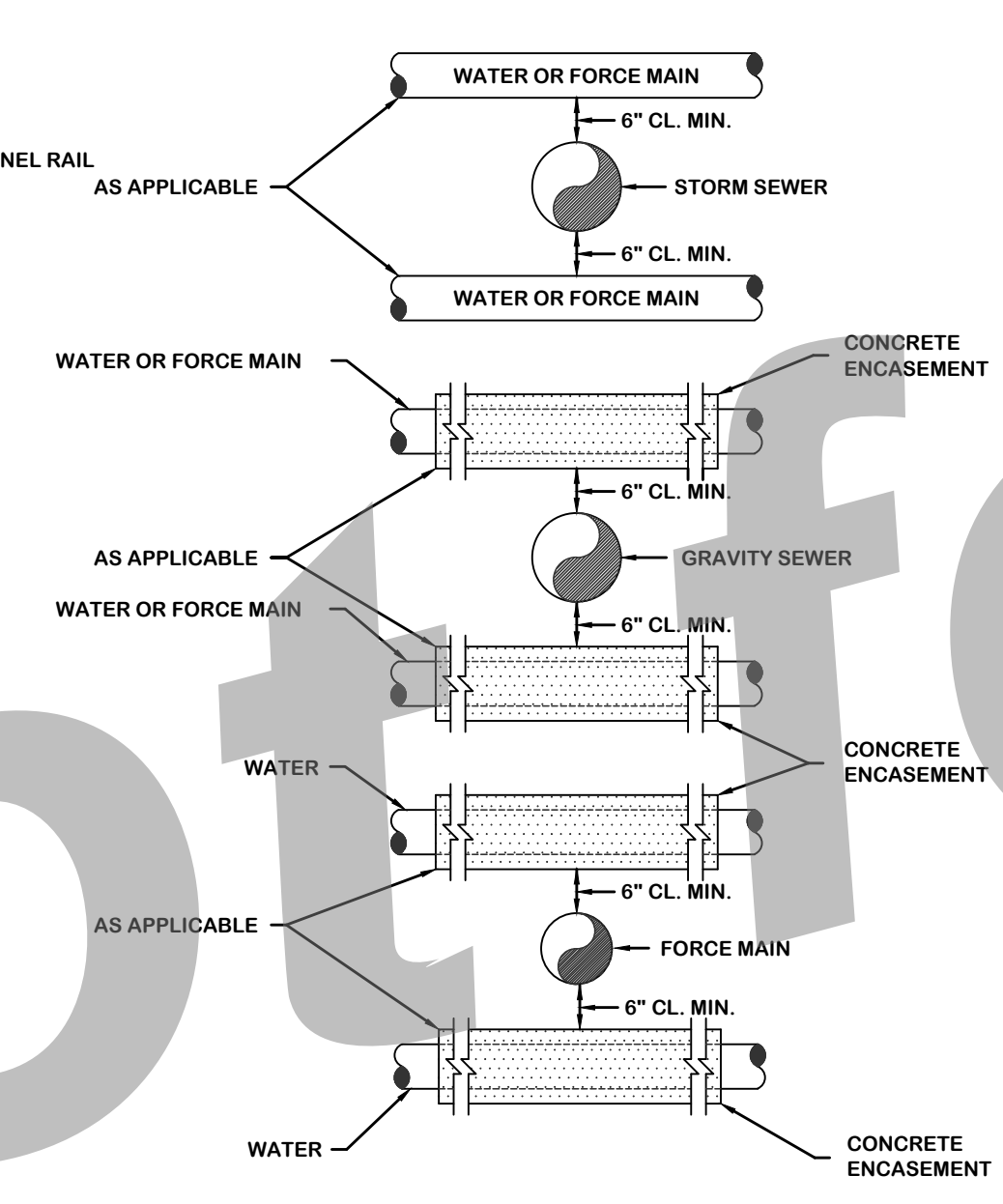


PRECAST DOG HOUSE CONCRETE MANHOLE N.T.S.

- NOTE:
1. MATCH M.H. & COVER TO EXISTING FINISHED GRADE IN STREETS & ROADS OR LEAVE 6" ABOVE GROUND OUTSIDE OF STREETS & ROADS UNLESS OTHERWISE NOTED.
 2. MANHOLES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY SPECIFICATIONS.
 3. MANHOLE SHALL NOT BE INSTALLED IN WATER. WHEN THERE IS EXISTENCE OF WATER THE TRENCH/PIT SHALL BE WELL POINTED SUCH THAT PROPER INSTALLATION CAN OCCUR. PROPER INSTALLATION IS DEFINED BY ROCK SUB-BASE WITH PROPER COMPACTION SUCH THAT THE MANHOLE WILL NOT SETTLE ONCE INSTALLED.
 4. MANHOLES, AT THE TIME OF AS-BUILT, SHALL BE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN ELEVATIONS. SEE SEWER LINE INSTALLATION SPECIFICATIONS FOR FURTHER DETAILS.
 5. ALL JOINTS MANHOLES SHALL BE WRAPPED WITH RU116-RUB'NEK EXTERNAL JOINT WRAP.
 6. NO PIPE JOINTS SHALL BE INSIDE OF DOGHOUSE MANHOLE. IF JOINT IS PRESENT, EXISTING BEDDING BELOW THE JOINT AND PIPE SHOULD NOT BE REMOVED AND CONCRETE POURED AROUND PIPE AS SHOWN

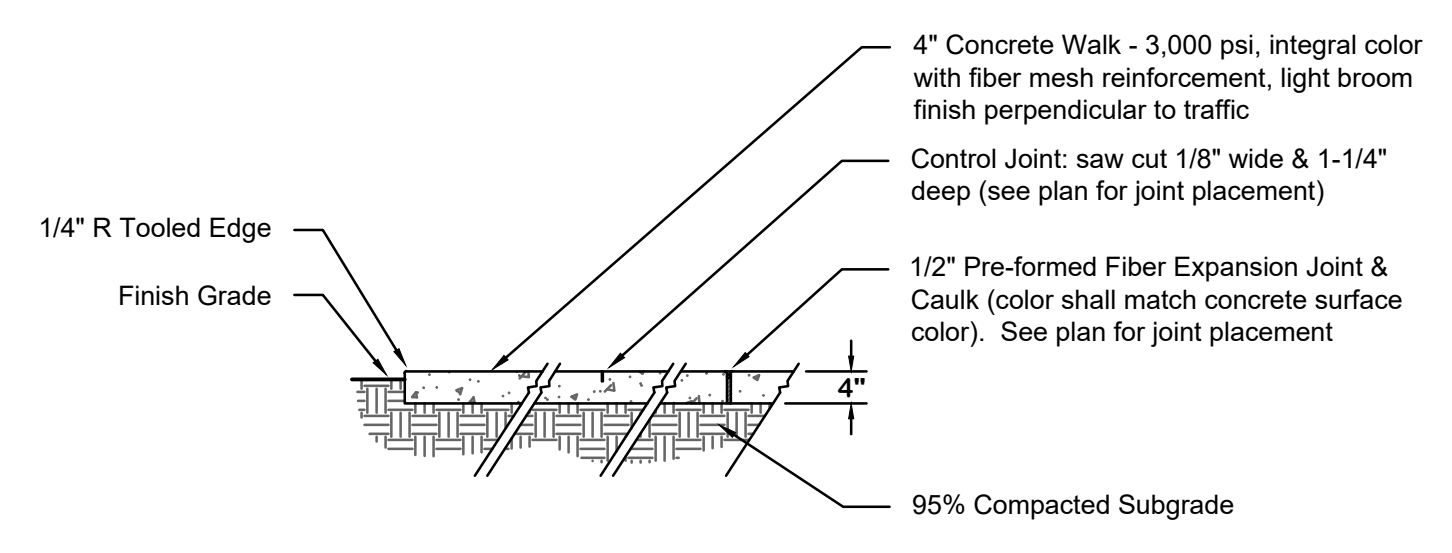


METAL RAIL FENCE DETAIL N.T.S. 2021-159PRJ

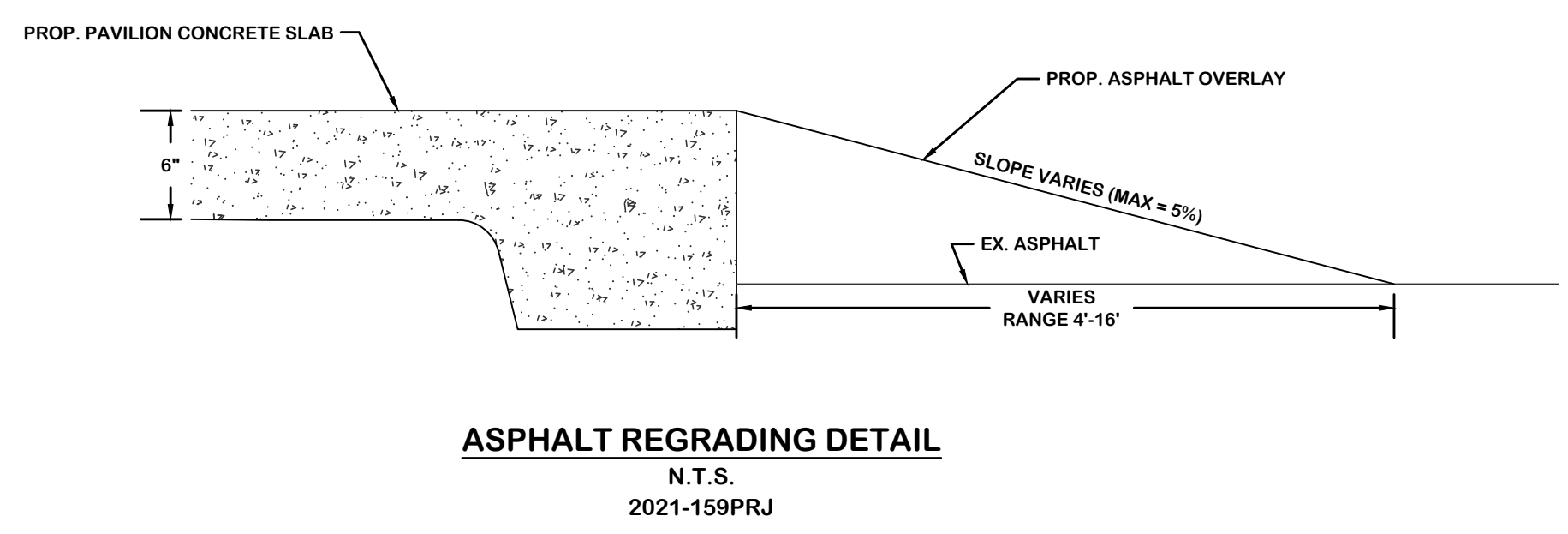


- NOTES:
1. CONCRETE ENCASEMENT TO EXTEND A MINIMUM OF 10' ON BOTH SIDES OF CROSSING.
 2. FOR ELEVATION OF PIPES, SEE PLANS.
 3. CONCRETE ENCASEMENT REQUIRED IF 18" VERTICAL SEPARATION IS NOT MAINTAINED.

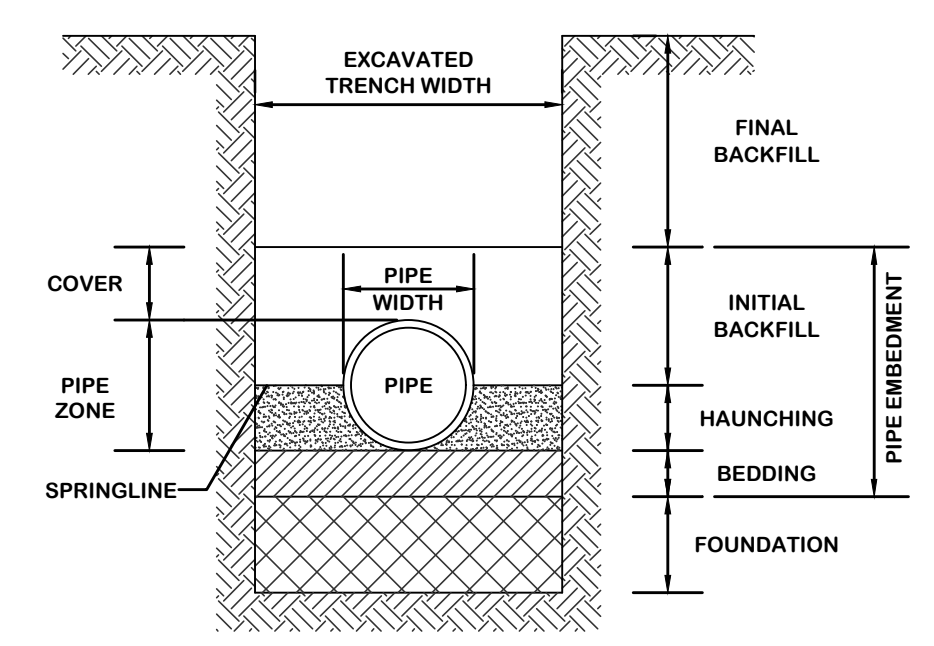
SEPERATION DETAIL N.T.S.



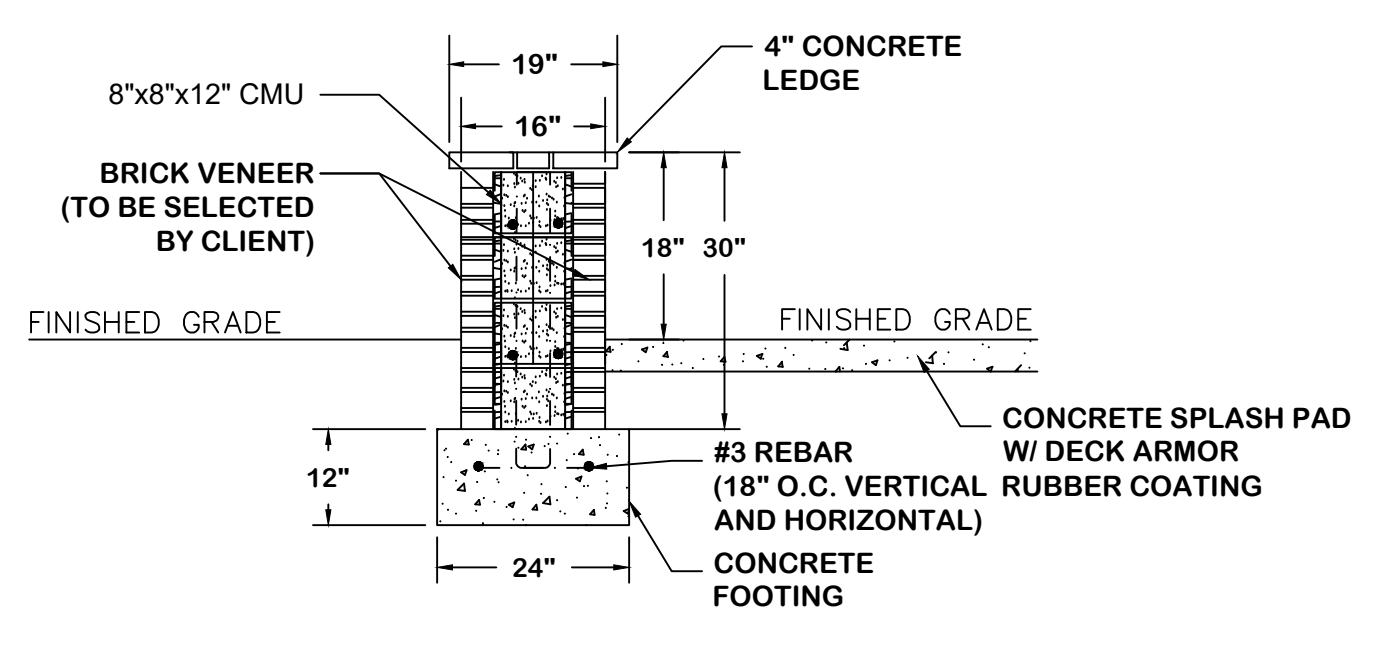
CONCRETE WALK Scale: 1/2" = 1'-0"



ASPHALT REGRADING DETAIL N.T.S. 2021-159PRJ

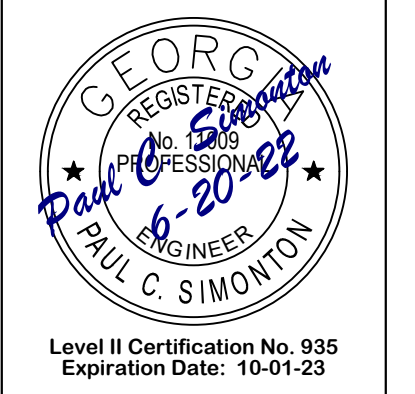


PIPE BEDDING DETAIL N.T.S.



SEATING WALL DETAIL N.T.S. 2021-159PRJ

DRAWING COMPLETED BY: _____
 REVISED: _____



1050 PARKSIDE COMMONS
 SUITE 100
 GREENSBORO, NC 27404
 TEL: (703) 454-0870
 www.simontonengineering.com



Putnam County Rec. Dept.
 Splash Pad & Pavilion
 for
 Scott Haley
 Putnam County, Georgia

Details
 DATE: April 19, 2022
 FILE NO: 2021-159PRJ
 SHEET: C 5.1



Putnam County Recreation Department

140 Recreation Road
Eatonton, GA 31024

Putnam County Rec. Dept. Splash Pad & Pavilion

140 Recreation Road
Eatonton, GA 31024
Axia Project Number: 2221

Revisions table with columns: Revisions, Description, Date. Includes entry for Permit Set on 10 June 2022.

This square will appear 1/2" x 1/2" on full size 24"x36" sheets.

Issue Date: 10 June 2022

Notes and Legends

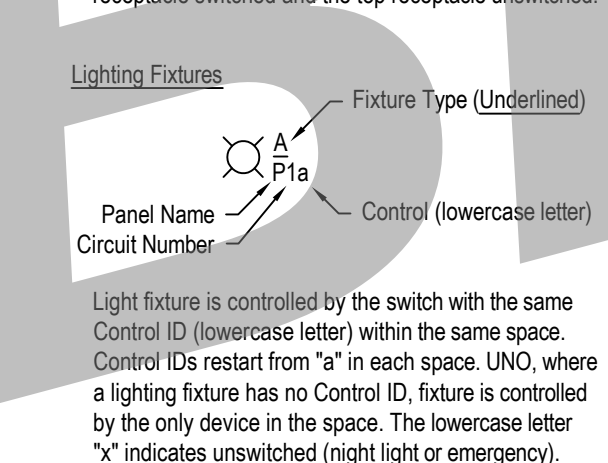
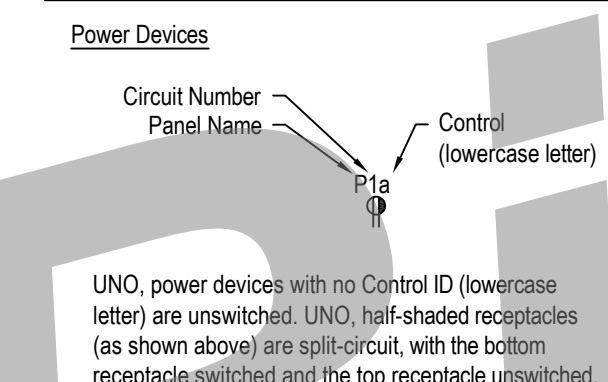
Abbreviations

Table of abbreviations including Electrical Phase, Section, Ampere, Americans With Disabilities Act, Amp Frame, etc.

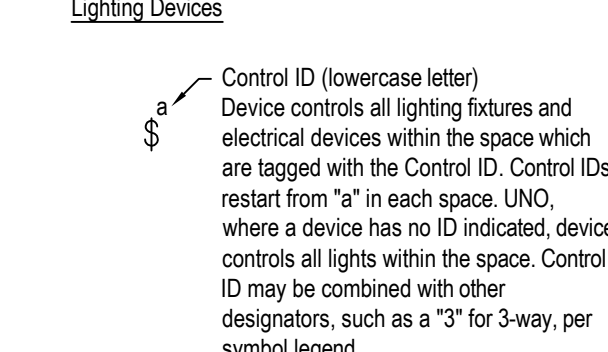
Power Symbols

Table of power symbols including Simplex Receptacle, Duplex Receptacle, Quadplex (Quad) Receptacle, etc.

Circuiting Legend



Lighting Devices



Lighting Symbols

Table of lighting symbols including Rectangular, Round, Wall-Mounted, Strip, Directional, Emergency, Exit, and Occupancy sensors.

General Electrical Notes and Specifications

- 1. See book specifications, Division 26, for additional requirements.
2. UNO, all single-pole 15A and 20A circuits shall be 2-12 AWG, 12 AWG EGC, 3/4" C, circulted per panel schedule.

Splash Pad Notes

- 1. Per NEC 680.50, electrical work pertaining to the splash pad and splash pad equipment and fixtures shall comply with applicable requirements of NEC 680 Parts I, II, and V.
2. Coordinate with splash pad vendor and obtain detailed installation drawings.
3. Splash pad equipment areas/enclosures shall be considered to be corrosive environments per NEC 680.14(A).
4. Provide equipotential bonding grid as required by NEC 680.26.

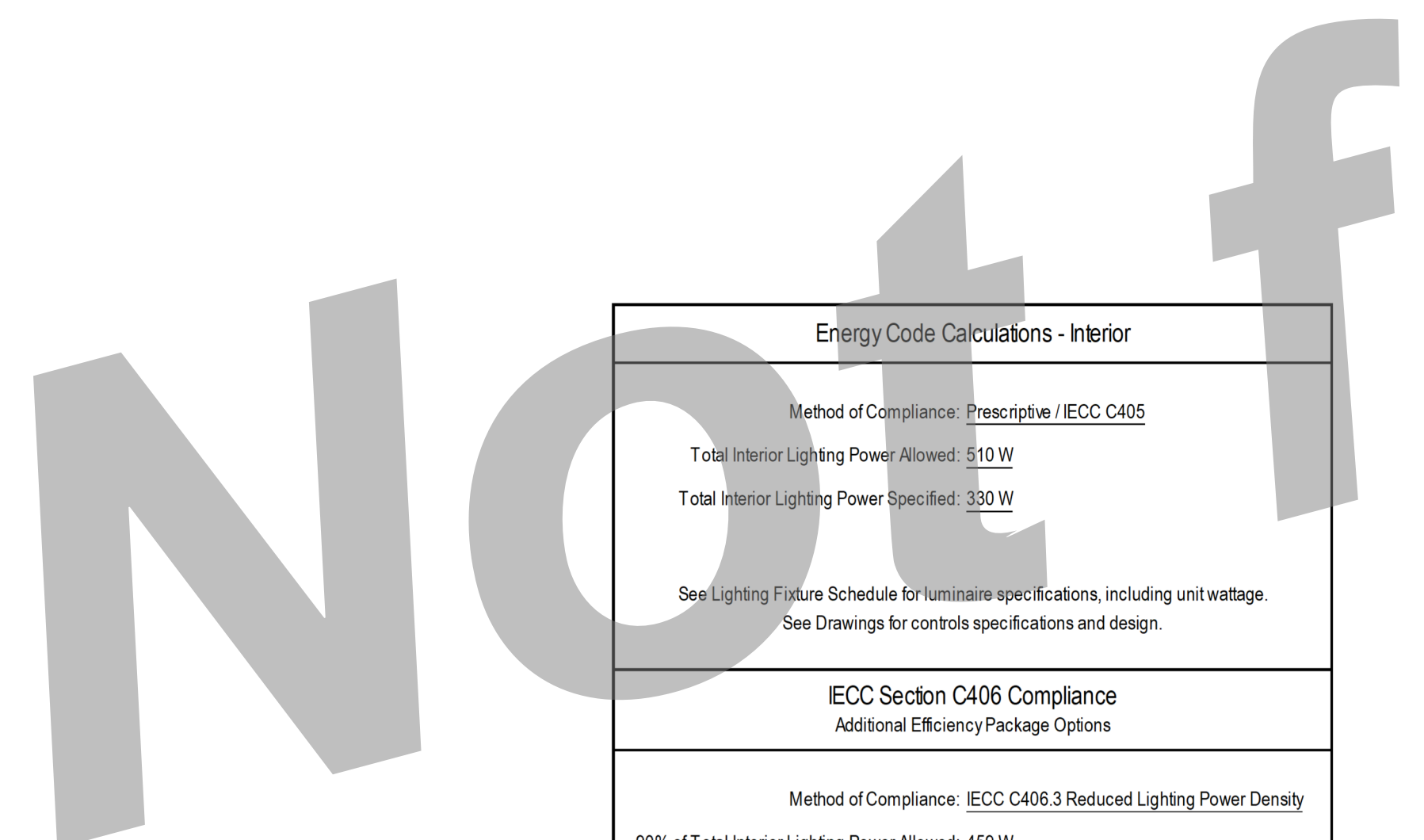
Exterior Lighting Notes

- 1. Provide a photo-cell-controlled lighting contactor to control exterior lighting per Typical Lighting Contactor Detail.
2. Provide lighting inverter for splash pad safety and security lighting. See spec section 263323.

Electrical Sheet List

- E0.1 Notes and Legends
E1.1 Site and Pavilion Plan
E2.1 Single Line Diagram and Schedules
E3.1 Details

These electrical plans comprise a portion of the plans and specifications pertinent to this project. Refer to the full set of plans and specifications for all requirements.



Energy Code Calculations - Interior table showing Method of Compliance, Total Interior Lighting Power Allowed (510 W), IECC Section C406 Compliance, and Designer Statement.

Lighting Fixture Schedule table with columns: ID, Description, Mounting, Lamp, Lumens, CCT (K), Voltage, Wattage, Manufacturer, Model, Notes.



Client
Putnam County Recreation Department
 140 Recreation Road
 Eatonton, GA 31024

Project
Putnam County Rec. Dept. Splash Pad & Pavilion
 140 Recreation Road
 Eatonton, GA 31024
 Axia Project Number: 2221

Revisions	Description	Date
1	Permit Set	10 June 2022

This square will appear 1/2" x 1/2" on full size 24"x36" sheets.

Issue Date
 10 June 2022

Sheet Title
Site and Pavilion Plan

Sheet Number
E1.1

Pavilion Plan Keynotes

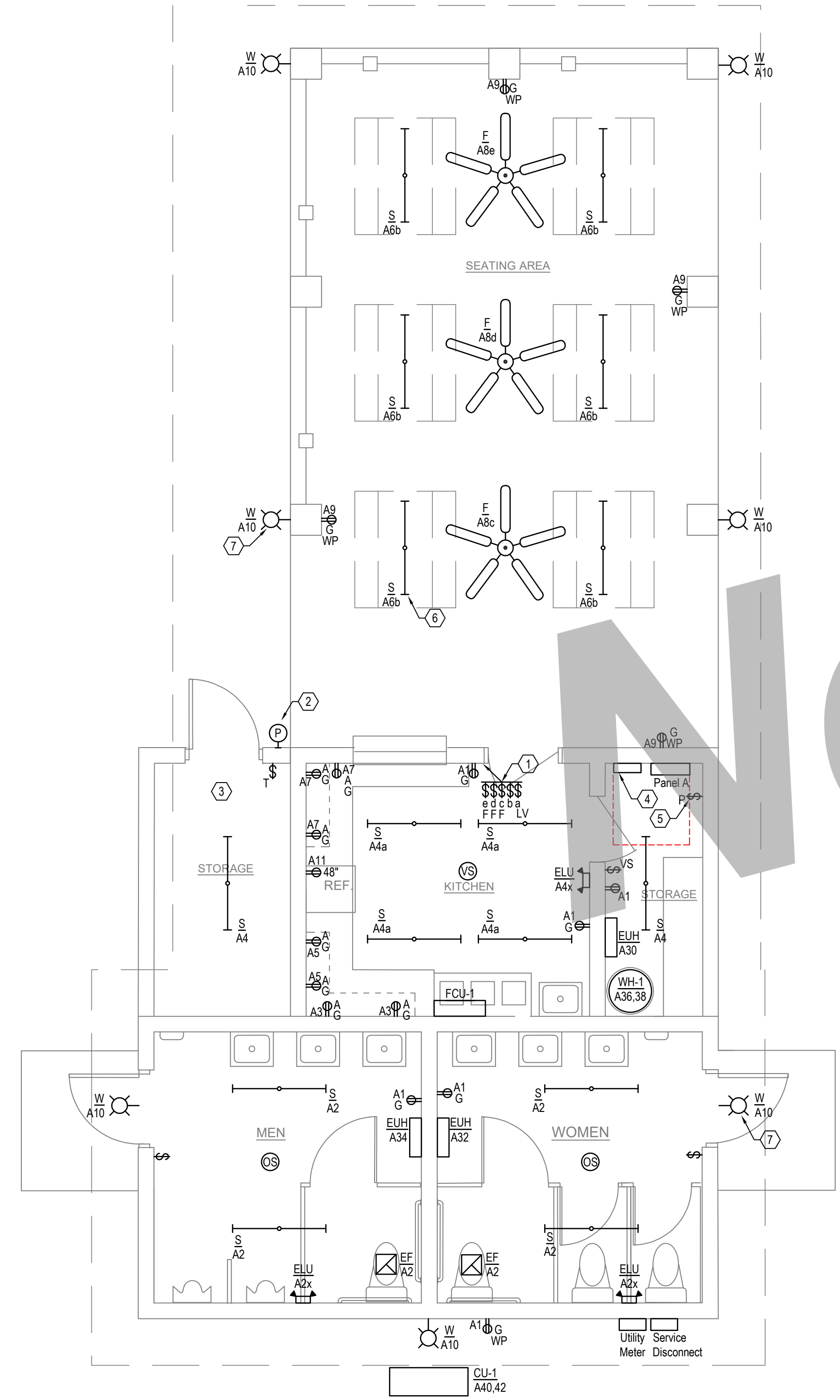
1. Locate switches on wall beside door as shown. If space is inadequate for one row of devices, gang fan control switches c, d, and e together above light switches a and b.
2. Lighting contactor photocell location. See Exterior Lighting Notes.
3. Storage room is a convective location per NEC 680.14. Do not surface-mount conduit within storage room.
4. Lighting contactor and Splash Pad lighting inverter. See Exterior Lighting notes.
5. Switch with pilot light for splash pad night-time use lighting. Coordinate exact location. Provide identification label identifying load served. See Exterior Lighting Notes.
6. Circuit Type S fixtures beneath covered seating area through exterior lighting contactor. Typical each.
7. Circuit building-mounted Type W fixtures through exterior lighting contactor. Typical each.

Splash Pad Photometric Calculations					
	Average	Maximum	Minimum	Avg/Min	Max/Min
Night-Time Use Illumination	10.4 fc	14.3 fc	3.9 fc	4.5:1	11.7:1
Emergency Illumination	2.0 fc	3.3 fc	0.2 fc	10:1	16.5:1

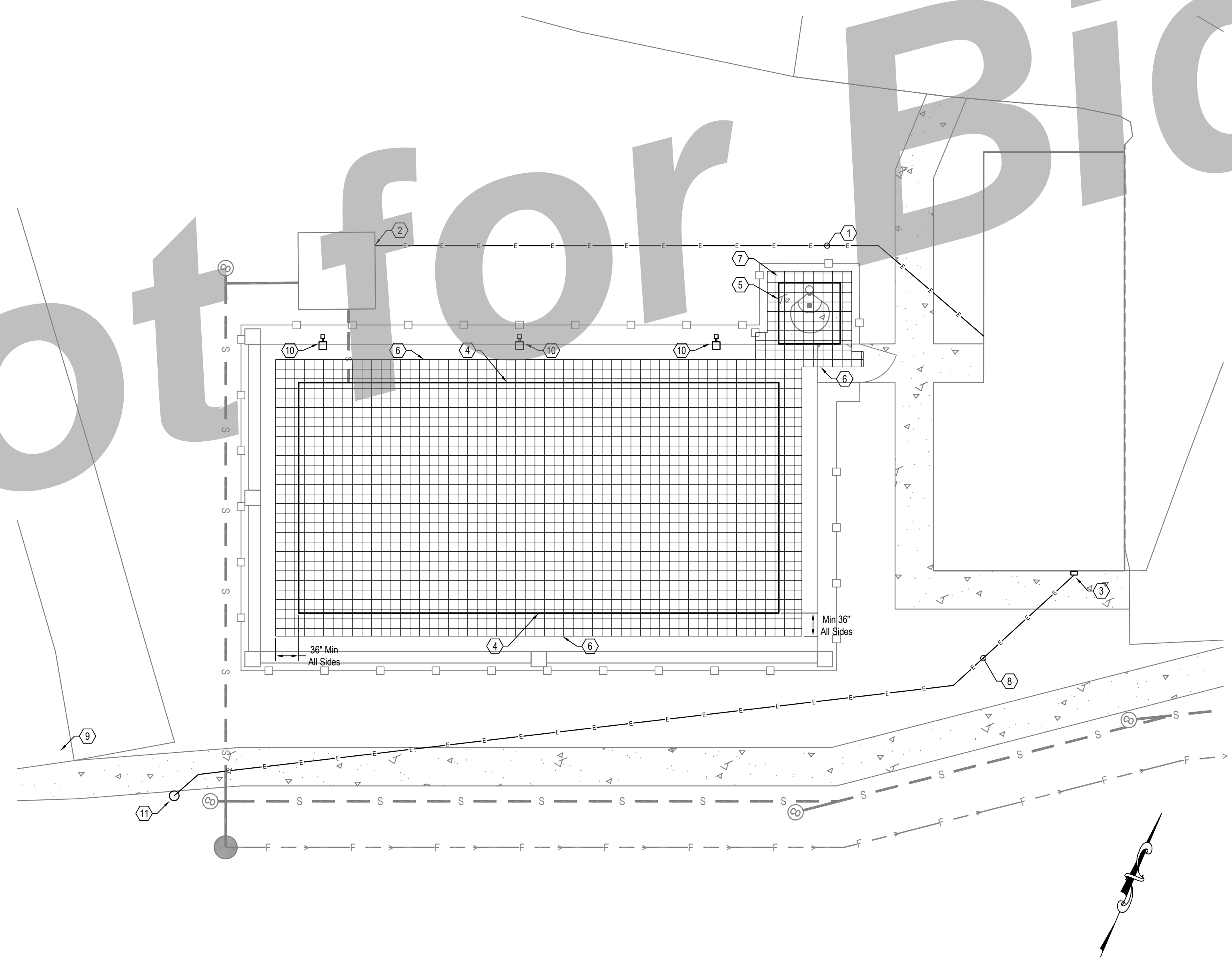
LLF = 0.85

Site Plan Keynotes

1. Splash pad feeder. See SLD.
2. Splash pad equipment vault. See Splash Pad Notes.
3. Meter base and service disconnect. See SLD.
4. Edge of splash pad.
5. Edge of shower pad.
6. Minimum extent of equipotential bonding grid. See Splash Pad Notes.
7. Area between shower pad and fence is grass. Equipotential bonding grid shall extend from edge of shower pad to within 12" of fence. Grid is not required to extend beneath or beyond the fence.
8. Service laterals. Coordinate with utility. See SLD.
9. Demolish abandoned utility pole at this approximate location.
10. Provide Type PP pole. Provide Type P1 area light at 20' AFG (nighttime use lighting) and Type P2 area light at 15' AFG (safety and security lighting). Circuit to A12. Circuit Type P1 fixture through lighting contactor and override-off switch in the kitchen storage room. Circuit Type P2 fixtures through lighting inverter and lighting contactor. See Exterior Lighting Notes.
11. Existing Tri-County EMC utility pole. Proposed overhead utility transformer location. Coordinate with utility.



2 Electrical Pavilion Plan
 1/4" = 1'-0"



1 Electrical Site Plan
 1" = 10'



Putnam County Recreation Department

140 Recreation Road
 Eatonton, GA 31024

Putnam County Rec. Dept. Splash Pad & Pavilion

140 Recreation Road
 Eatonton, GA 31024
 Axia Project Number: 2221

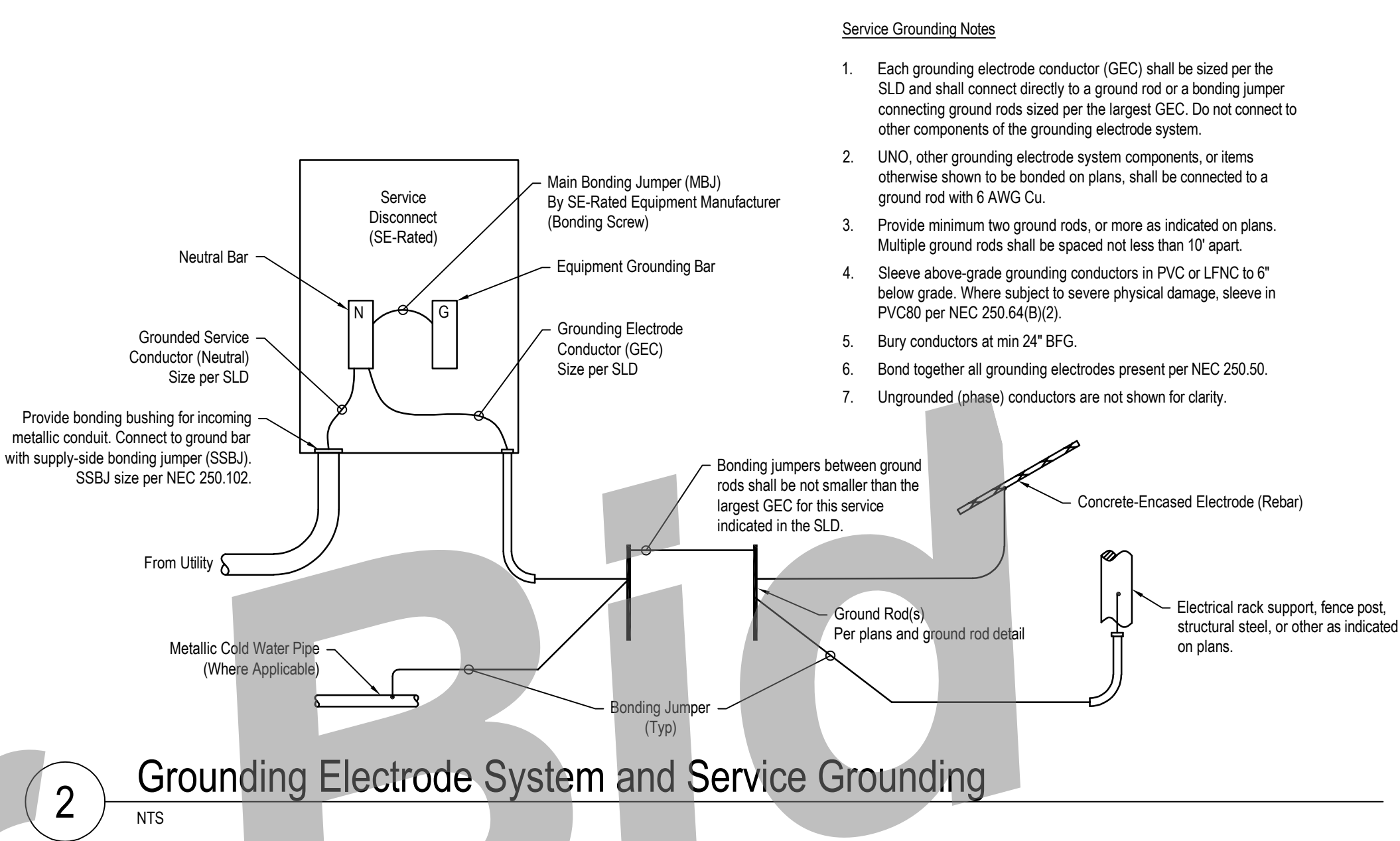
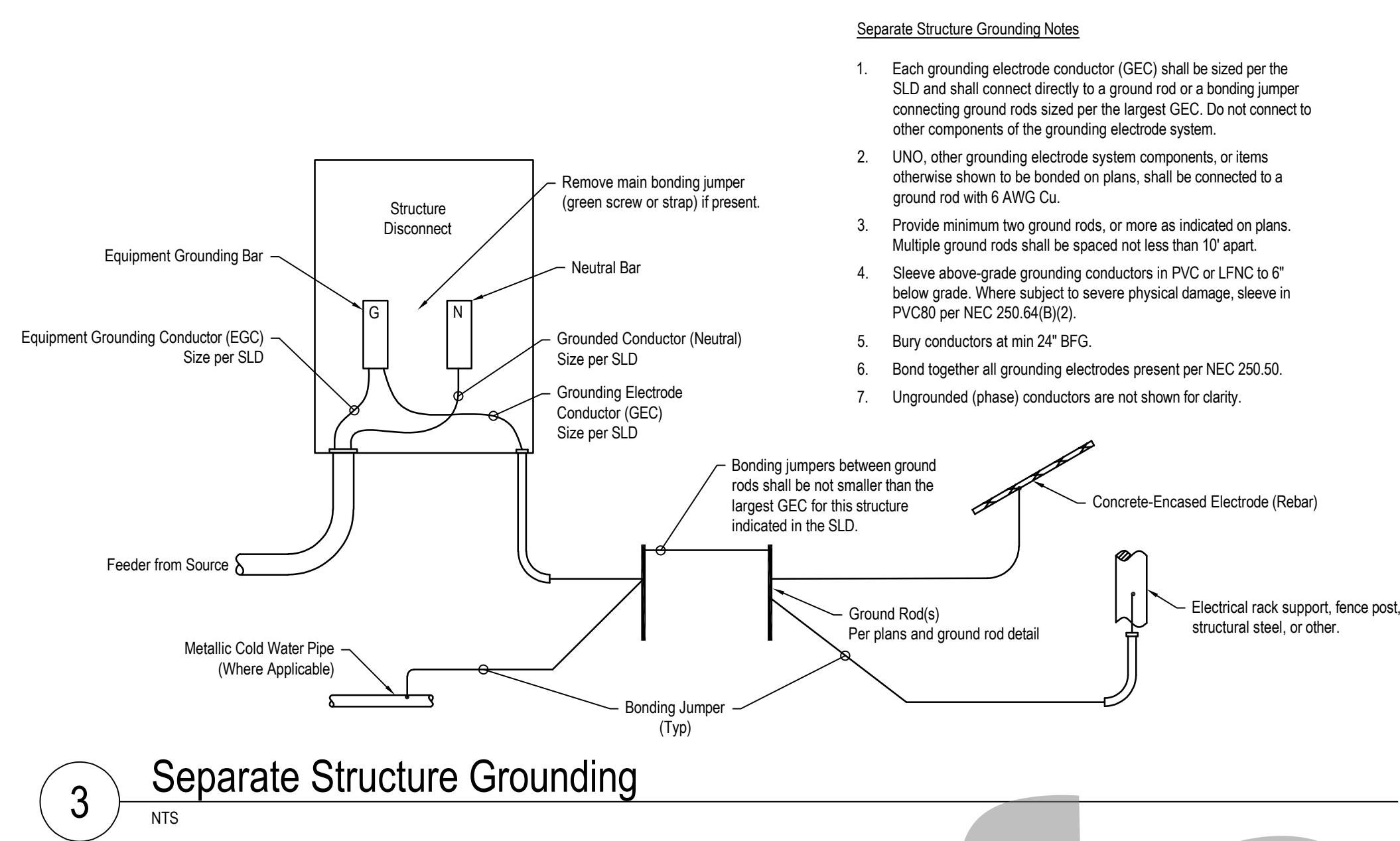
Revisions	Description	Date
1	Permit Set	10 June 2022

This square will appear 12" x 12" on full size 24"x36" sheets.

Issue Date: 10 June 2022

Single-Line Diagram and Schedules

Sheet Number



- #### Separate Structure Grounding Notes
- Each grounding electrode conductor (GEC) shall be sized per the SLD and shall connect directly to a ground rod or a bonding jumper connecting ground rods sized per the largest GEC. Do not connect to other components of the grounding electrode system.
 - UNO, other grounding electrode system components, or items otherwise shown to be bonded on plans, shall be connected to a ground rod with 6 AWG Cu.
 - Provide minimum two ground rods, or more as indicated on plans. Multiple ground rods shall be spaced not less than 10' apart.
 - Sleeve above-grade grounding conductors in PVC or LFNC to 6" below grade. Where subject to severe physical damage, sleeve in PVC80 per NEC 250.64(B)(2).
 - Bury conductors at min 24" BFG.
 - Bond together all grounding electrodes present per NEC 250.50.
 - Ungrounded (phase) conductors are not shown for clarity.

- #### Service Grounding Notes
- Each grounding electrode conductor (GEC) shall be sized per the SLD and shall connect directly to a ground rod or a bonding jumper connecting ground rods sized per the largest GEC. Do not connect to other components of the grounding electrode system.
 - UNO, other grounding electrode system components, or items otherwise shown to be bonded on plans, shall be connected to a ground rod with 6 AWG Cu.
 - Provide minimum two ground rods, or more as indicated on plans. Multiple ground rods shall be spaced not less than 10' apart.
 - Sleeve above-grade grounding conductors in PVC or LFNC to 6" below grade. Where subject to severe physical damage, sleeve in PVC80 per NEC 250.64(B)(2).
 - Bury conductors at min 24" BFG.
 - Bond together all grounding electrodes present per NEC 250.50.
 - Ungrounded (phase) conductors are not shown for clarity.

Not for Bid

Breaker Function Schedule

The "Circuit Note" / "FN" fields in the panel schedules indicates notes, breaker functions, or other information for the circuit, panel, or breaker. Codes are identified below. Codes are intended as a design documentation aid only, including former circuit designations in (braces); do not include in field-applied circuit directories.

For any number, see panel schedule footer note.
 A Arc-Fault Interrupter (AFCI) Protection
 AR Arc Energy Reduction Maintenance Switch
 D Demerit circuit (now Spare or Space) (former circuit in braces)
 E Existing-to-remain circuit
 EM Provide identification per NEC 700.12(1)(2)(4).
 G Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
 GF Adjustable Ground-Fault Protection for Equipment
 GE Ground-Fault Protection for Equipment (30 mA)
 H Breaker has to prevent unintentional opening
 L Lockable open according to NEC 110.25
 LSI Long-Time, Short-Time, Instantaneous Adjustments
 LSH Long-Time, Short-Time, Instantaneous, Ground-Fault Adjustments
 N New circuit (in existing panel, previously spare or space)
 NR New circuit to replace existing circuit (former circuit in braces)
 NB New breaker to replace existing breaker or space (new trip rating shown)
 R Relocated circuit
 S Switch-rated per NEC 240.83(D)

Equipment Connection Schedule

ID	Description	Volts	Phase	Load (kVA)	FLA	MCA	OCP (A)	Disconnect			Conductors			Notes	
								Type	Enclosure	Provided By	Phase	Neutral	EGC		Conduit
CU	Condensing Unit	240	1	2.4	10	10	15	2P-30AFused	NEMA3R	Elec	2-12 AWG	-	12 AWG	3/4"	
FCU	Fan Coil Unit	Indoor unit powered from outdoor unit. Local disconnect not required per NEC 440.8. Provide wiring per manufacturer instructions.													
UH	Electric Unit Heater	120	1	1.5	13	16	20	Integral	-	Mech	1-12 AWG	1-12 AWG	12 AWG	3/4"	
EF	Exhaust Fan	120	1	0.3	2.6	3.3	15	Lts	-	Elec	1-12 AWG	1-12 AWG	12 AWG	3/4"	
WH	Water Heater	240	1	6.0	25	31	35	2P-60AFused	NEMA1	Elec	2-8 AWG	-	10 AWG	3/4"	

Notes:
 1. Prior to installation, verify specifications and requirements for each equipment in this schedule with submittals and mechanical contractor. Prior to final connection, compare the installed equipment nameplate with the information in this schedule. Notify engineer of discrepancies.
 2. The "OCP" column indicates disconnect fuse size and breaker size for branch circuit from panel.
 3. MCA is as reported by manufacturer data or calculated according to the NEC. Where FLA is shown to be equal to MCA, FLA is not known and therefore set equal to MCA.
 4. Disconnect Type Codes:
 Where only poles and amps are specified, provide safety switch, fused or unfused as indicated. Locate beside or on unit, or as indicated on the plans.
 M: Motor-rated toggle switch. Locate on or beside equipment, or as indicated on the plans.
 L: Branch overcurrent protective device lockable per NEC 110.25.
 Lts: Exhaust fan to be switched with the lighting in the same room, controlled by the light switch or other lighting control.
 Integral: Code-compliant disconnecting means integral to the equipment or factory-installed by the equipment manufacturer. Verify presence of integral disconnect. Provide lockable branch breaker per NEC 110.25.
 PSC: Switch-rated pin-and-sleeve connector. Plug shall be capable of accepting a padlock, complying with NEC 110.25. Metric DS-series or equal.

Panelboard: A

Location: Pavilion, Storage
 Mounting: Surface
 Enclosure: NEMA1
 Special: -

Supply: Service Disconnect
 Voltage: 240/120V 1φ 3W
 Bus Amps: 400A
 Neutral: 100%

Poles: 42
 Feed-Thru Lugs: No
 SE-Rated: No
 Isolated Ground: No
 New/Existing: New

Mains Type: MLO
 Mains Rating: 400A
 Mains FNNote: -
 SCCR: 22 kVAC

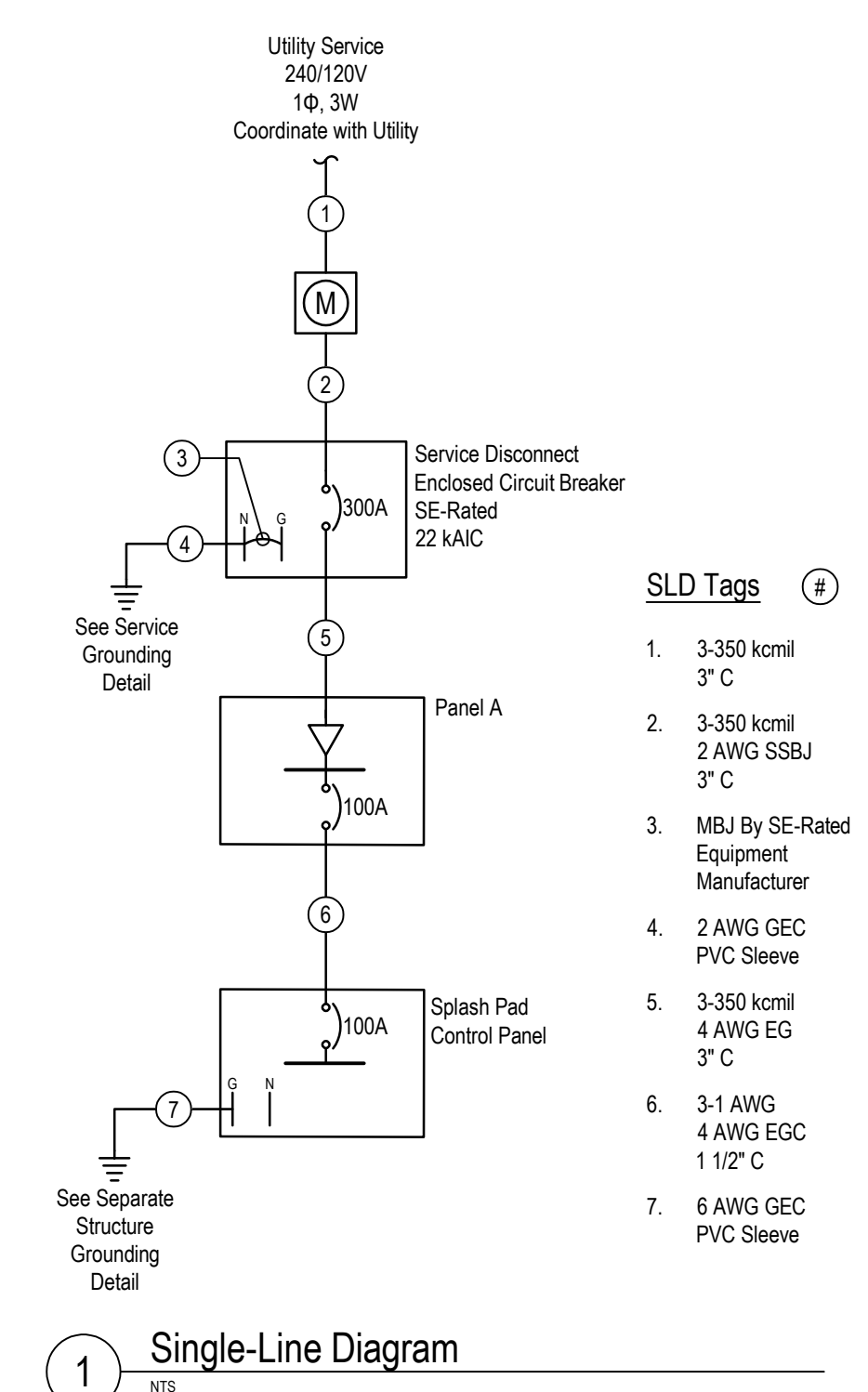
CKT	Description	Trips (A)	FN/ Note	Load (kVA)	Phase	Load (kVA)	FN/ Note	Trips (A)	Description	CKT	
1	Rec Restrooms, Storage, Kitchen	20	1	1.08	A	0.73	-	20	Lts Fans Restrooms	2	
3	Rec Kitchen Counter	20	1	0.38	B	0.20	-	20	Lts Kitchen, Storage	4	
5	Rec Kitchen Counter	20	1	0.38	A	0.20	-	20	Lts Pavilion	6	
7	Rec Kitchen Counter	20	1	0.54	B	0.60	-	20	Ceiling Fans	8	
9	Rec Seating Area	20	1	0.72	A	0.05	-	20	Lts Extender	10	
11	Refrigerator	20	1	1.00	B	0.74	H	20	Pole Lights	12	
13	Spare	20	1	0.00	A	0.00	-	20	Lighting Contactor	14	
15	Spare	20	1	0.00	B	0.00	-	20	Spare	16	
17	Spare	20	1	0.00	A	0.00	-	20	Spare	18	
19	Spare	20	1	0.00	B	0.00	-	20	Spare	20	
21	Spare	20	1	0.00	A	0.00	-	20	Spare	22	
23	Spare	20	1	0.00	B	0.00	-	20	Spare	24	
25	Spare	20	1	0.00	A	0.00	-	20	Spare	26	
27	Spare	20	1	0.00	B	0.00	-	20	Spare	28	
29	Spare	20	1	0.00	A	1.50	L	20	Unit Heater Storage	30	
31	Spare	20	1	0.00	B	1.50	L	20	Unit Heater Women's	32	
33	Spare	20	1	0.00	A	1.50	L	20	Unit Heater Mens	34	
35	Spare	20	1	0.00	B	3.00	-	2	35	Water Heater	36
37	Spare	20	1	0.00	A	3.00	-	2	37		38
39	Splash Pad	100	2	12.00	B	1.20	-	2	15	Ar Conditioner	40
41				12.00	A	1.20	-				42

Load Classification	Connected (kVA)		Factor	Demand (kVA)	
	A	B		A	B
Lighting	0.99	1.84	125%	1.24	2.30
Receptacle - General	2.16	0.90	NEC	2.16	0.90
Water Heating	3.00	3.00	125%	3.75	3.75
HVAC	1.20	1.20	100%	1.20	1.20
Electric Heat	3.00	1.50	125%	3.75	1.88
Splash Pad	12.00	12.00	100%	12.00	12.00
Other	0.00	0.00	100%	0.00	0.00
Receptacle - Dedicated	0.00	1.00	100%	0.00	1.00

Phase Totals		
	A	B
Connected Load (kVA):	22.3	21.4
Connected Current (A):	188	178
Demand Load (kVA):	24.1	23.0
Demand Current (A):	201	192

Panel Totals	
Connected Load (kVA):	43.8
Connected Current (A):	182
Demand Load (kVA):	47.1
Demand Current (A):	196

Notes:





Seal

Client
Putnam County Recreation Department

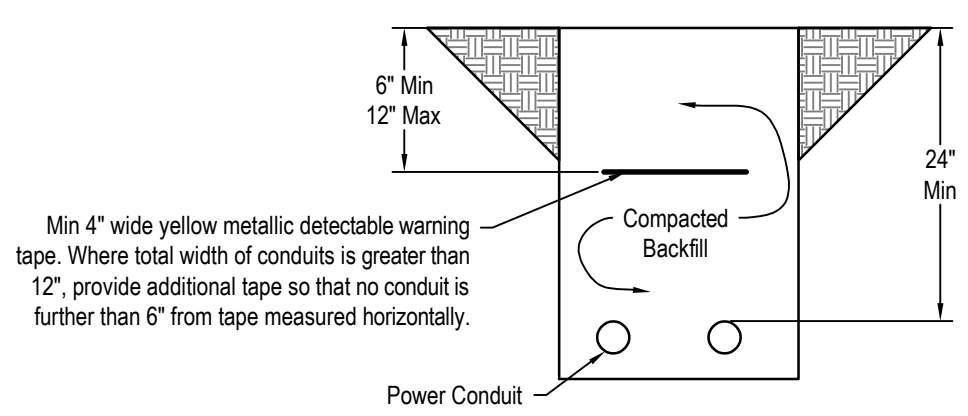
Project
Putnam County Rec. Dept. Splash Pad & Pavilion

Revisions
 Description Date
 Permit Set 10 June 2022

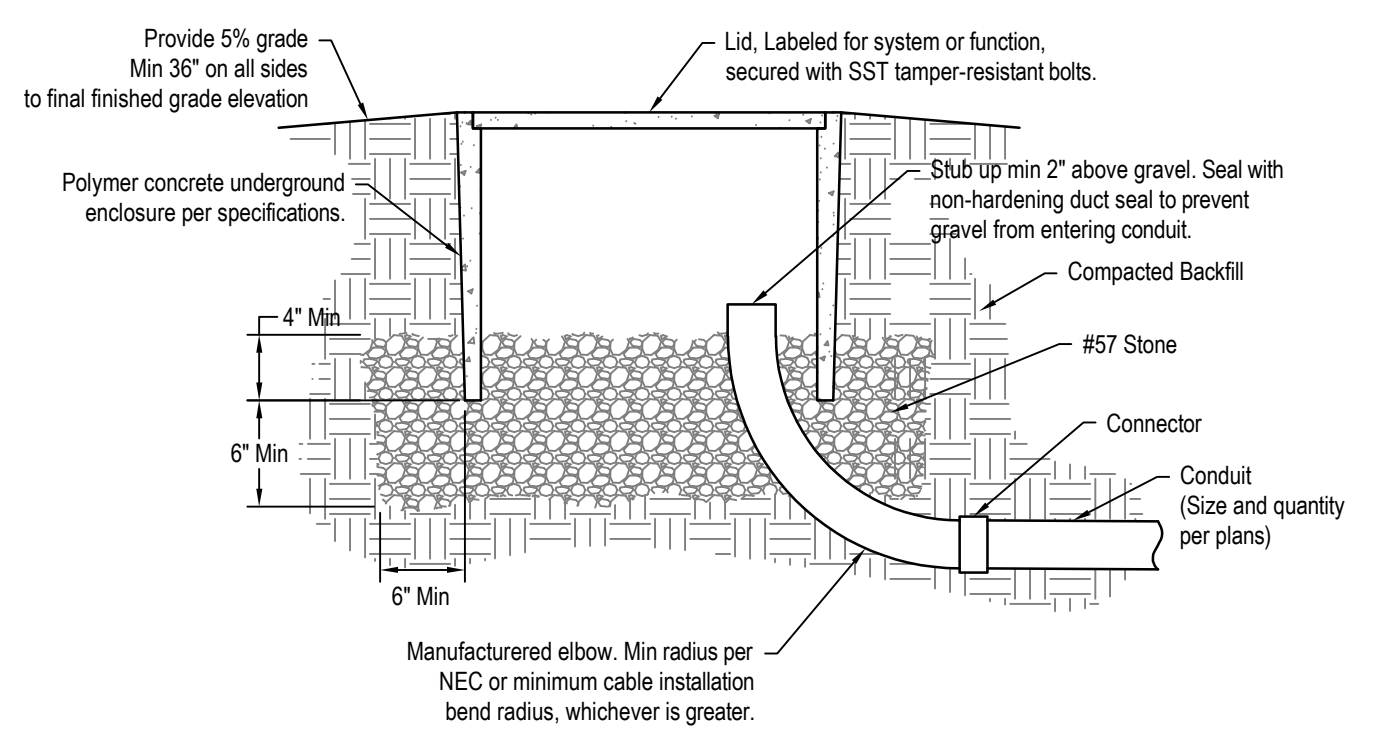
Issue Date
10 June 2022

Sheet Title
Details

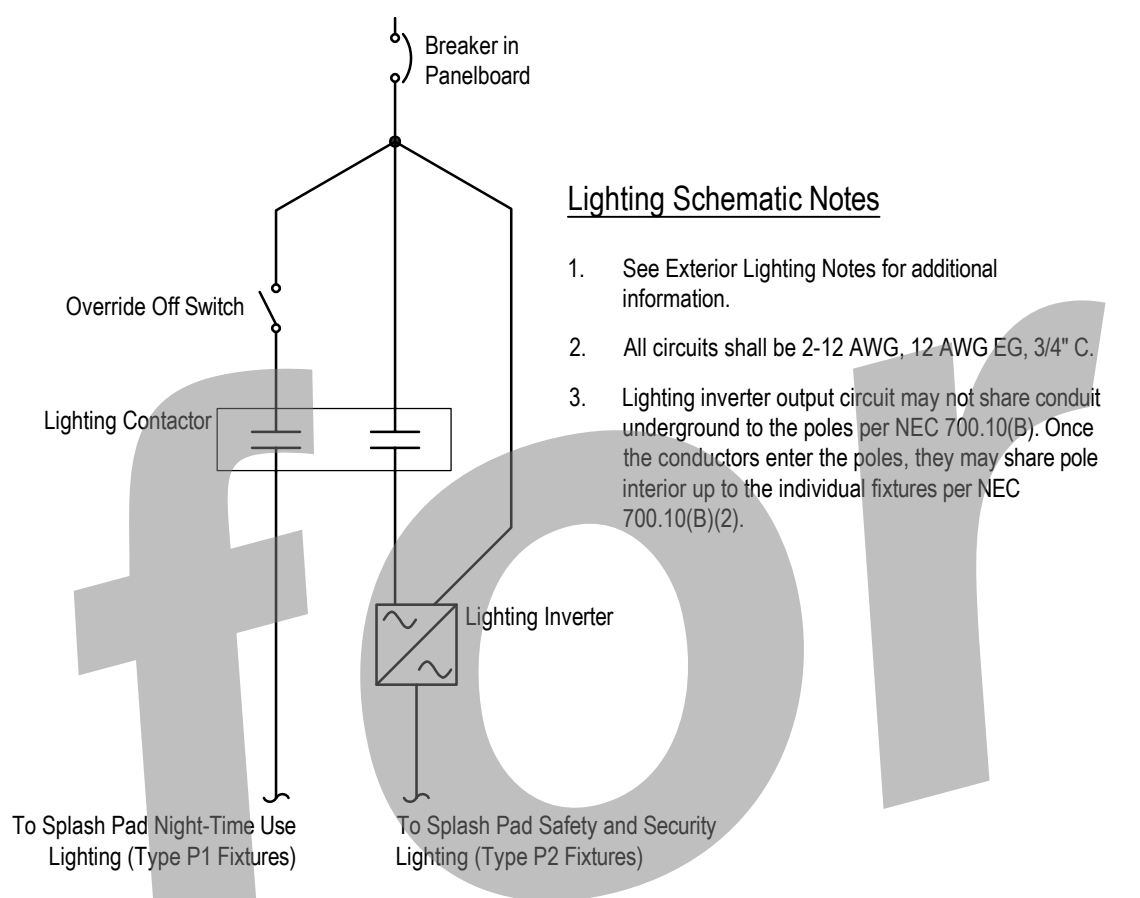
Sheet Number
E3.1



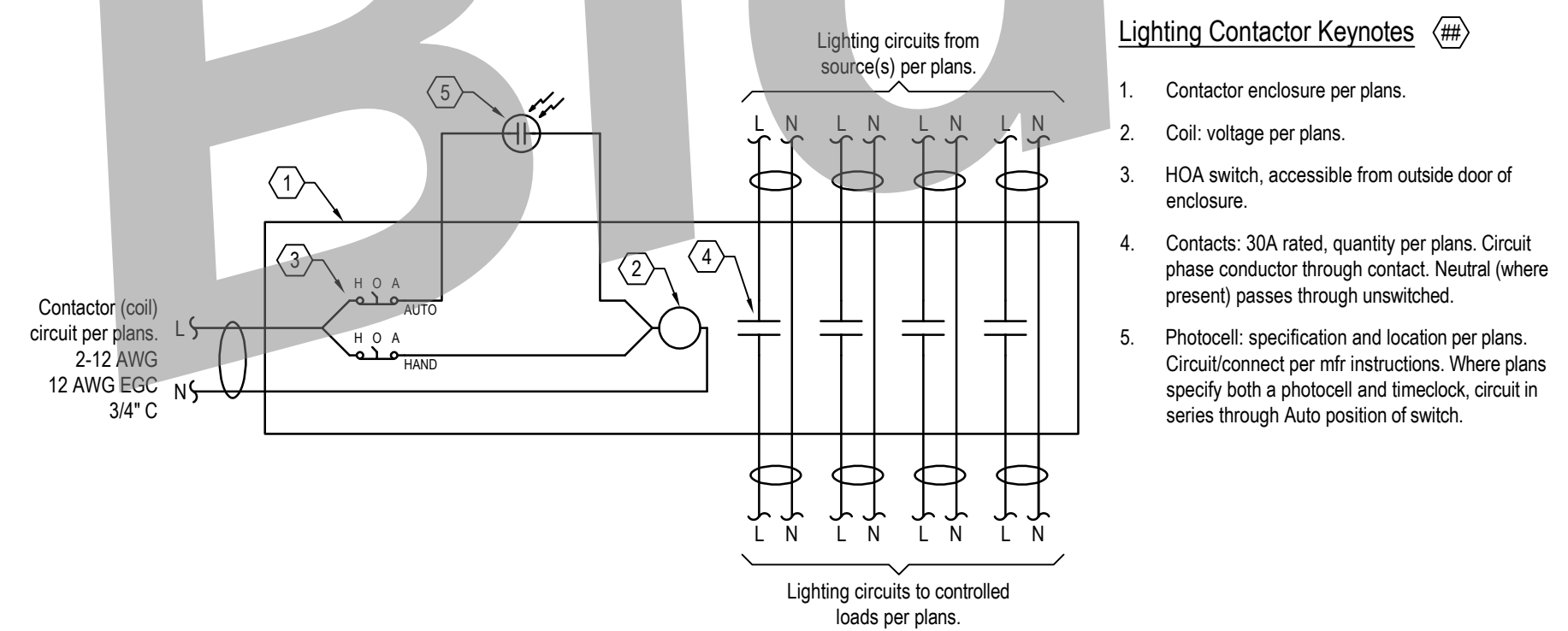
7 Conduit Trench
 NTS



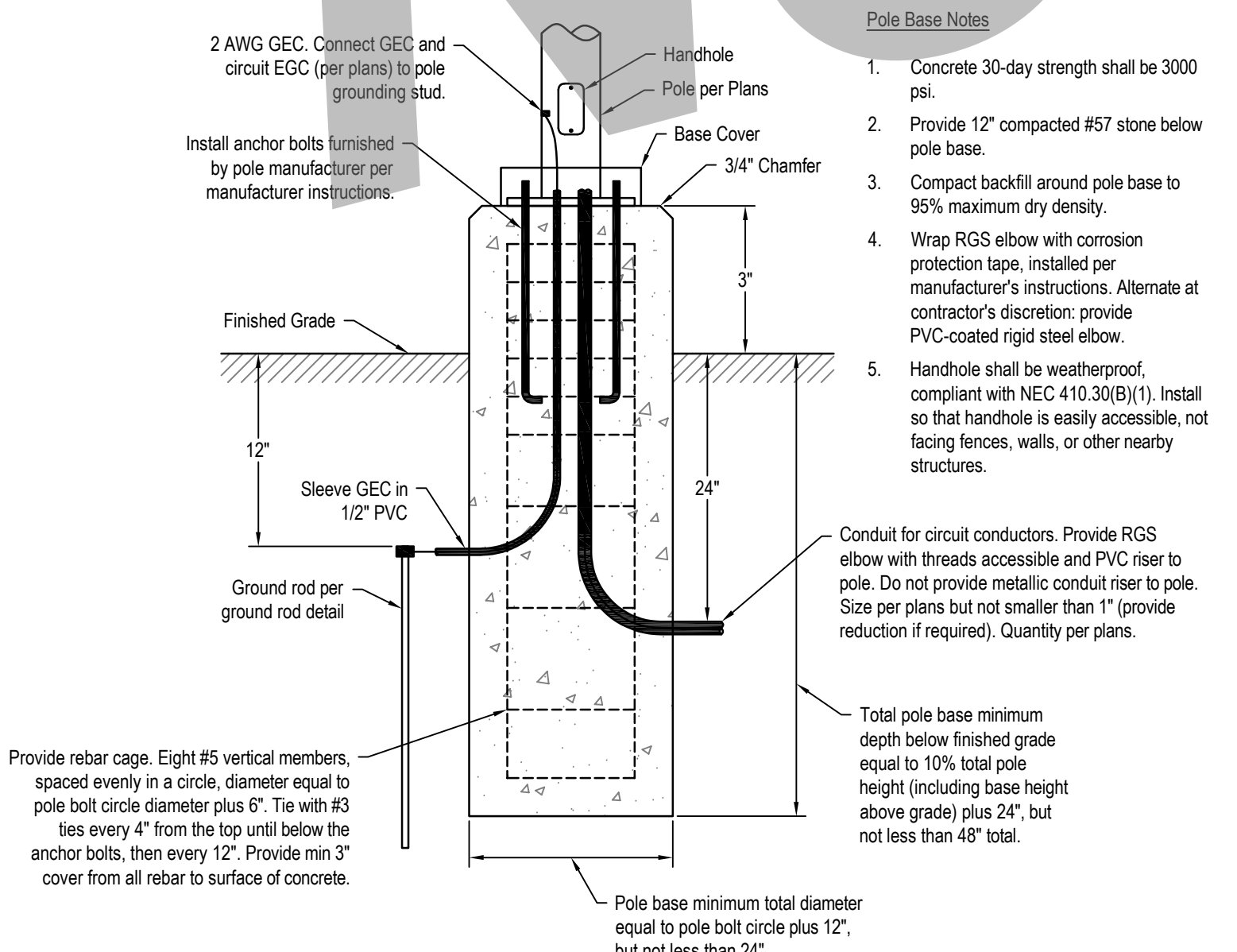
6 Hand Hole
 NTS



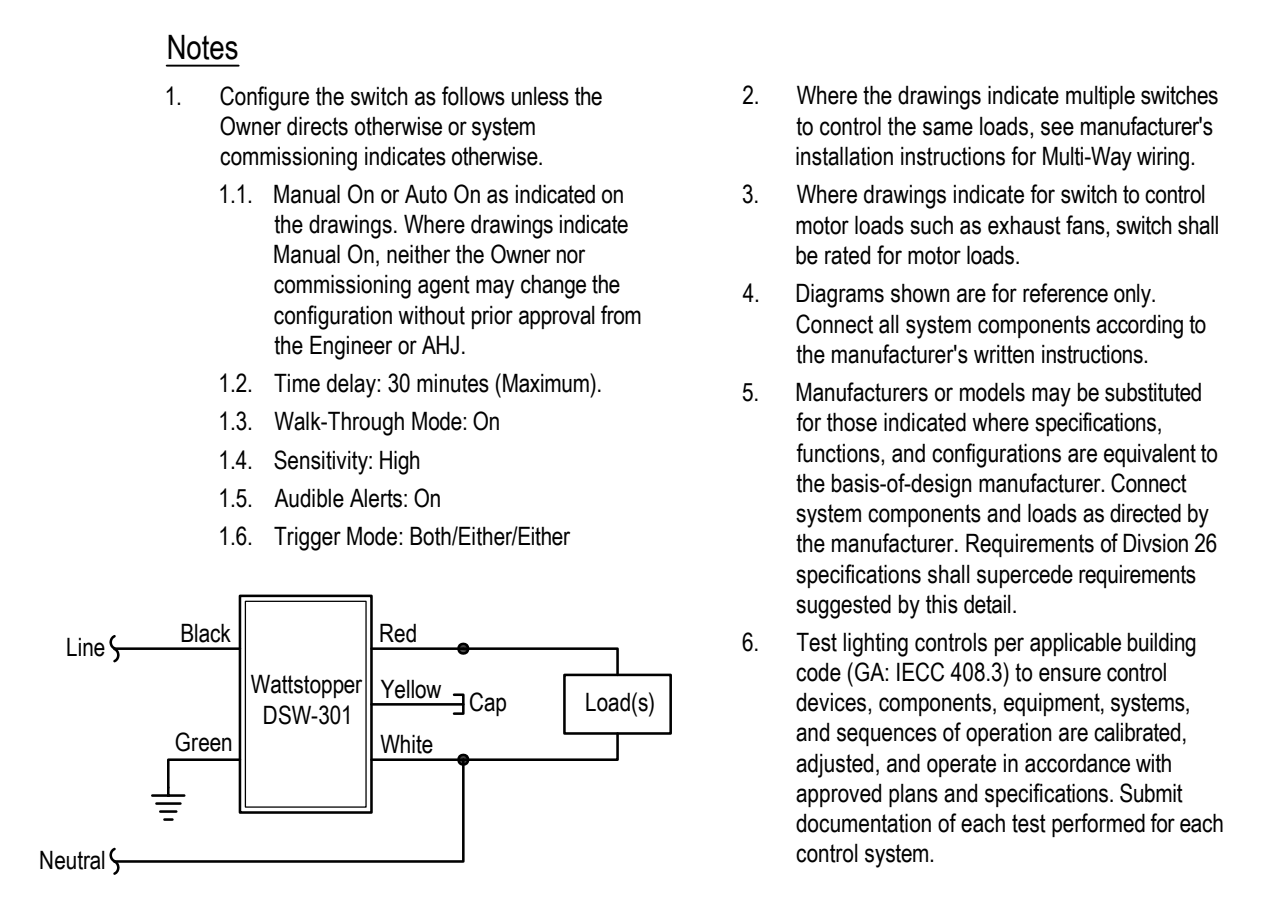
5 Splash Pad Lighting Schematic
 None



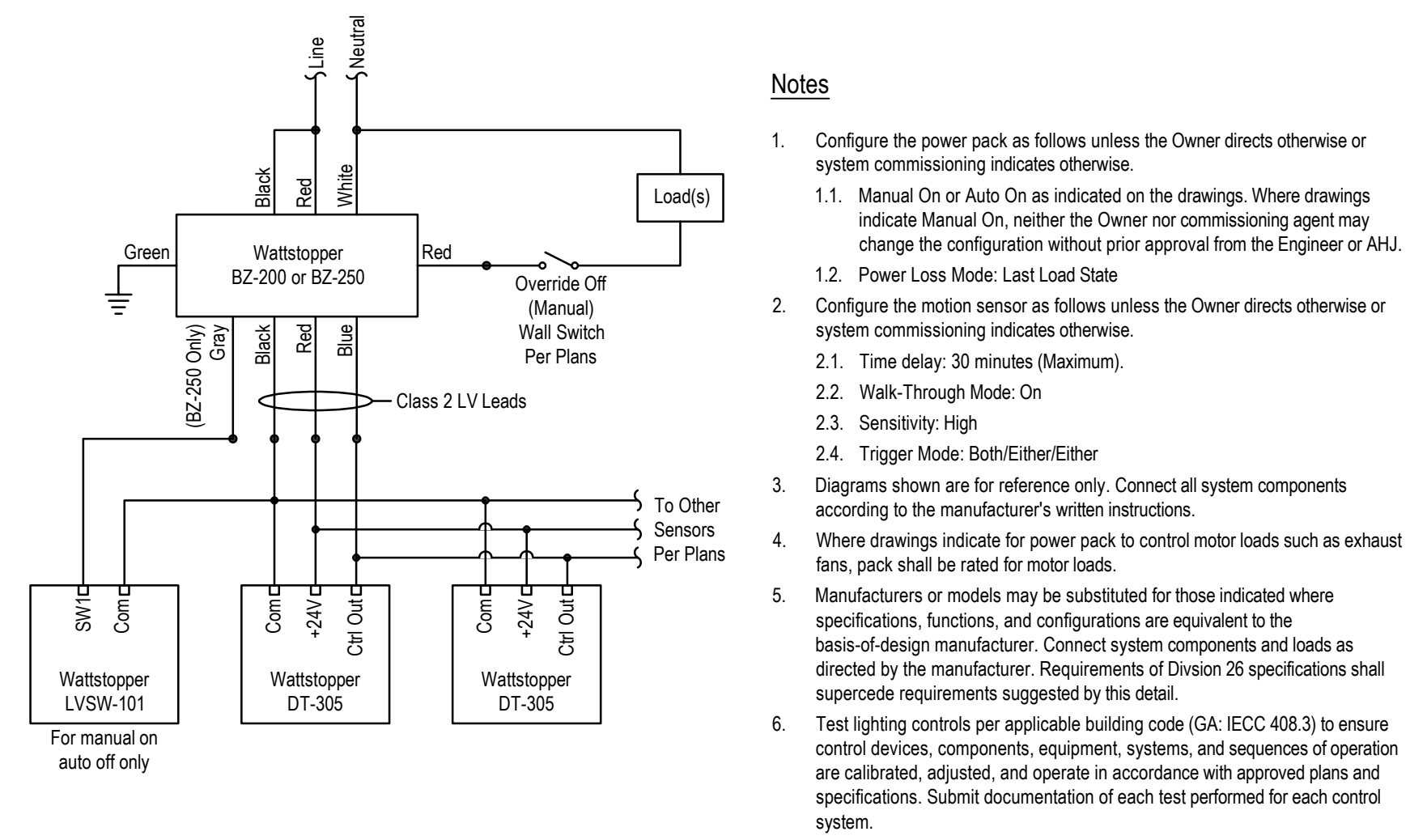
4 Typical Lighting Contactor
 None



3 Pole Base
 NTS



2 Occupancy Sensing Wall Switch - No Dimming
 None



1 Occupancy Sensing Lighting Control - No Dimming
 None

Not for

This document and the concepts and designs presented are an inherent part of a contract and are intended only for the specific purpose and limit for which they were prepared. Reproduction, alteration, or use for other than the specific project is prohibited.