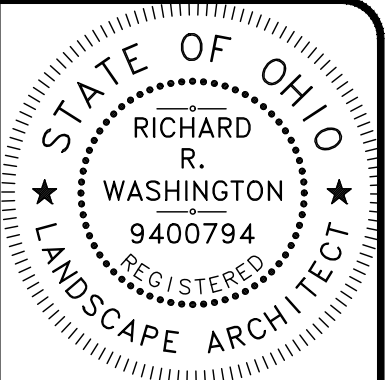


VILLAGE OF JEFFERSON

JEFFERSON COMMUNITY PARK

IMPROVEMENTS

ASHTABULA COUNTY, OHIO



verdantas

ISSUED FOR:	REBID	NO	REVISION	DATE
ISSUE DATE:	12/15/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

COVER SHEET

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	CO
SHEET	OF
1	16

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING CONDITIONS PLAN
4	OVERALL LAYOUT PLAN
5	LAYOUT PLAN PLAYGROUND
6	LAYOUT PLAN SPLASH PAD
7	OVERALL GRADING PLAN
8	PLAYGROUND AND SPLASH PAD GRADING PLAN
9	STORMWATER POND GRADING PLAN
10	STORMWATER POLLUTION PREVENTION PLAN
11	STORMWATER POLLUTION PREVENTION PLAN NOTES
12	STORMWATER POLLUTION PREVENTION PLAN DETAILS
13	STORMWATER POLLUTION PREVENTION PLAN LOGS
14	DETAILS
15	DETAILS
16	DETAILS
17	LSI - PLAYGROUND PLAN
SP1.1 - SP2.4	RAINDECK - SPLASH PAD PLANS
E0.02 - PH1-01	ELECTRICAL/MECHANICAL PLANS

OUPS UTILITY LIST:

- | | |
|-------------|--------------------------|
| 1. WATER | - AQUA OHIO, INC. |
| 2. GAS | - ENBRIDGE GAS OHIO |
| 3. CATV | - CHARTER COMMUNICATIONS |
| 4. SANITARY | - VILLAGE OF JEFFERSON |
| 5. TRAFFIC | - VILLAGE OF JEFFERSON |
| 6. ELECTRIC | - ILLUMINATING CO |
| 7. OTHER | - BRIGHTSPEED COMM |



1-800-362-2764

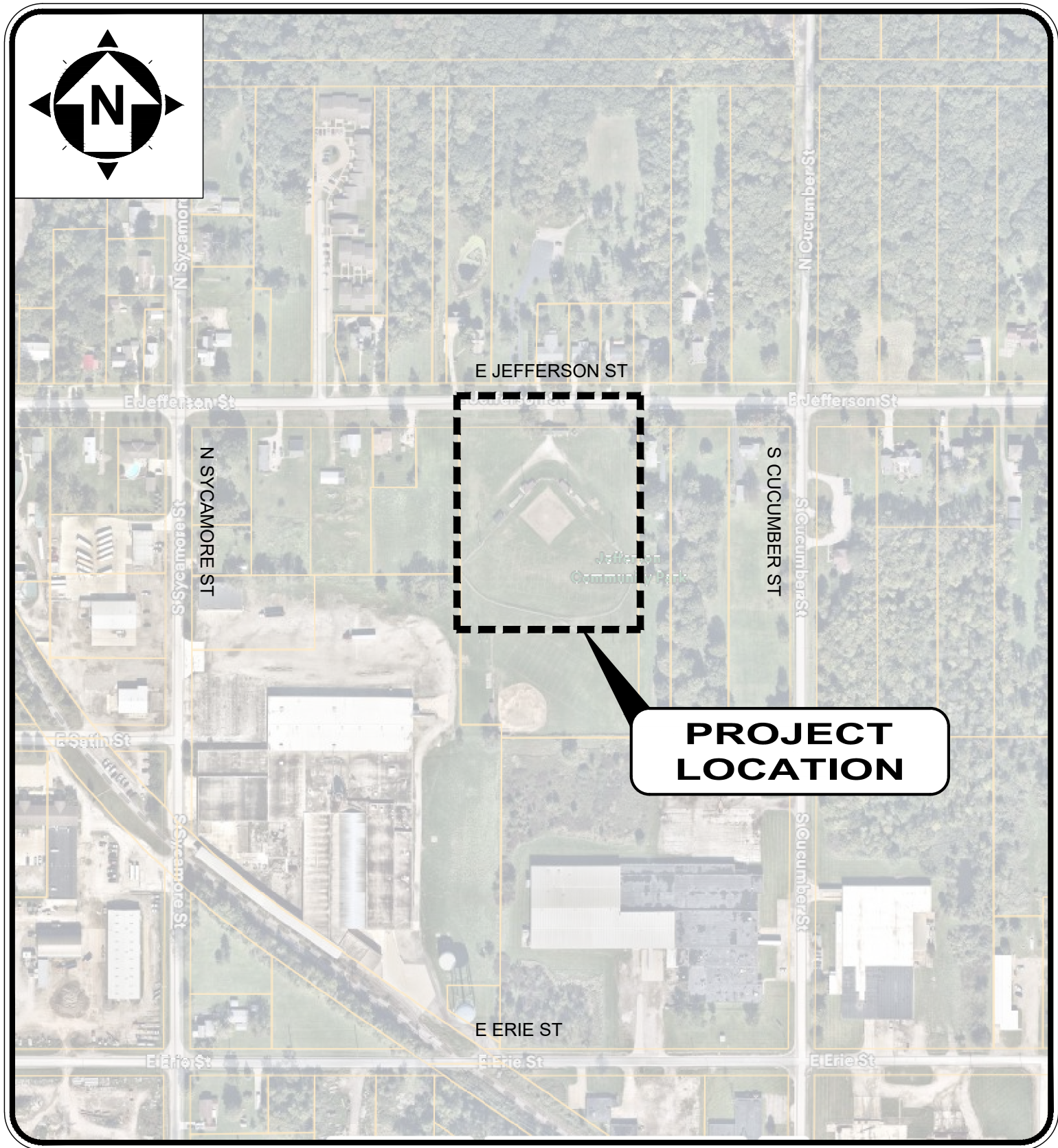
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

OUPS TICKET NUMBERS

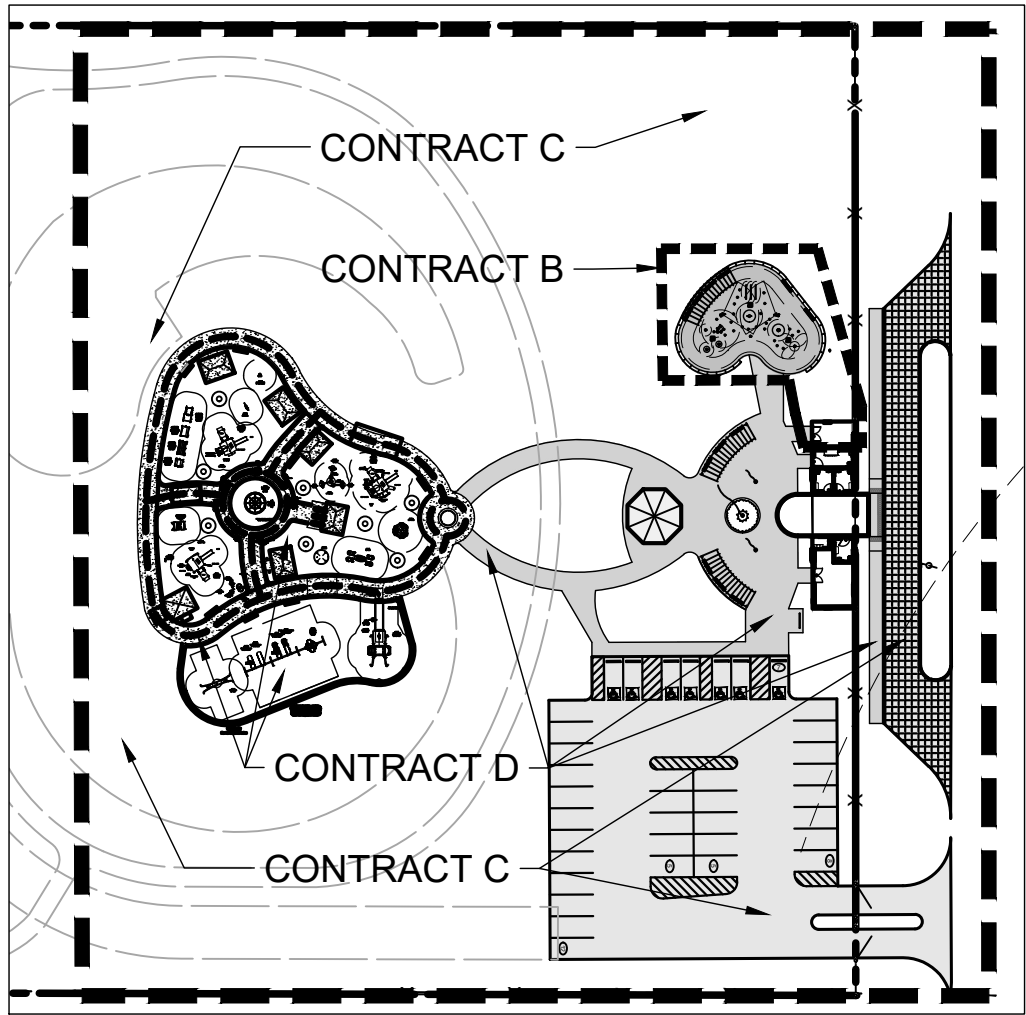
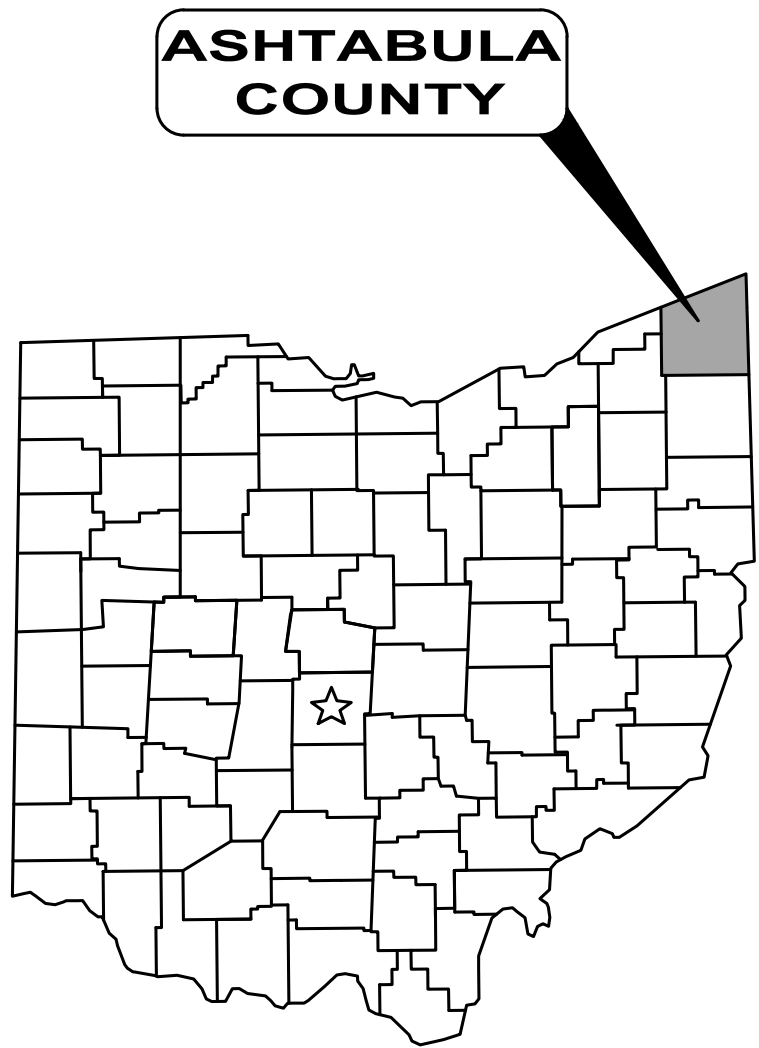
A507902886 / A507902906

- UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
- THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THEIR EFFORTS WITH THE LISTED OUPS ONE CALL UTILITIES AS WELL AS ANY ENCOUNTERED UTILITIES THAT MAY BE UNLISTED.

DECEMBER 2025



LOCATION MAP
NOT TO SCALE



CONTRACT AREA MAP
NOT TO SCALE

VILLAGE OF JEFFERSON APPROVALS:

<i>Steven M. Schuman</i> MAYOR	12/18/25 DATE
<i>Chris Mackus</i> VILLAGE ADMINISTRATOR	12/18/25 DATE

PROJECT DESCRIPTION:

THIS PROJECT INVOLVES COMMUNITY PARK ENHANCEMENTS, INCLUDING THE RENOVATION OF THE RESTROOM BUILDING, THE ADDITION OF A DROP-OFF AREA, A FRONT PLAZA, THE DEVELOPMENT OF NEW PARKING LOT, A NEW PLAYGROUND AND SPLASH PAD AREA IN THE VILLAGE OF JEFFERSON, ASHTABULA COUNTY, OHIO.

PLANS PREPARED BY:

VERDANTAS
8150 STERLING COURT
MENTOR, OH 44060

(440) 530-2372 PHONE

RICHARD WASHINGTON PLA. #794

12-15-25

DATE

verdantas

ENGINEER'S PROJECT No. 242425

GENERAL

A PRECONSTRUCTION CONFERENCE SCHEDULED BY THE VILLAGE OF JEFFERSON SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE VILLAGE OF JEFFERSON AND PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

THE IMPROVEMENT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF THE VILLAGE OF JEFFERSON, AS WELL AS THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, 2023 EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND DRAWINGS, SHALL GOVERN THIS PROJECT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE JEFFERSON VILLAGE ENGINEER AND/OR HIS REPRESENTATIVE.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE VILLAGE OF JEFFERSON, THE ASHTABULA COUNTY SOIL AND WATER CONSERVATION DISTRICT AND AT ALL TIMES BE SUBJECT TO THEIR DIRECT SUPERVISION AND INSPECTION.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

MATERIAL TESTING AND PERMITS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL AND EQUIPMENT TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE EXECUTED PROJECT CONTRACT SHALL SERVE TO FULFILL THE VILLAGE OF JEFFERSON'S PERMITTING REQUIREMENTS.

UTILITIES

THE CONTRACTOR MUST CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764 AND THE OHIO OIL AND GAS ASSOCIATION (OGPUS) AT 1-800-925-0988 AT LEAST 48 HOURS, BUT NO MORE THAN 10 WORKING DAYS, BEFORE BEGINNING ANY DIGGING, EXCLUDING SATURDAYS, SUNDAYS AND OTHER LEGAL HOLIDAYS. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE WRITTEN REQUIREMENTS OF OUPS AND OGPUS. THE CONTRACTOR SHALL COORDINATE THE MARKING AND/OR LOCATING TO STAY A MINIMUM OF TWO WORKING DAYS AHEAD OF PLANNED CONSTRUCTION ACTIVITIES.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

OHIO UTILITY PROTECTION SERVICE
106 WEST RYEN, ROOM 427
YOUNGSTOWN, OHIO 44051
PHONE: (800) 362-2746

VILLAGE OF JEFFERSON
STREETS DEPARTMENT
WILLIAM HITCHCOCK - DEPT SUPERVISOR
221 N MARKET ST.
JEFFERSON, OHIO 44047
PHONE: (440) 812-2384

CHARTER COMMUNICATION
JASON SPRAGUE
3315 N RIDGE RD. E. SUITE 100
ASHTABULA, OHIO 44004
EMAIL: JASON.SPRAGUE@CHARTER.COM

AQUA OHIO INC.
BILL BOWERS, MANAGER
8644 STATION STREET
MENTOR, OHIO 44060
PHONE: (440) 255-7280 EXT 50611
EMAIL: WMBOWERS@AQUAAMERICA.COM

BRIGHTSPEED COMMUNICATIONS
DAVID RUMMEL
7820 DIVISION DRIVE
MENTOR, OHIO 44060
PHONE: (330) 219-2773
EMAIL: DAVID.B.RUMMEL@BRIGHTSPEED.COM

THE ILLUMINATING CO.
ARTHER STITT
755 AUBURN RD.
PAINESVILLE, OHIO 44077
PHONE: (440)358-4983
EMAIL: ASTITT@FIRSTENERGYCORP.COM

ENBRIDGE GAS OHIO
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OHIO 44333
PHONE: (330) 664-2409

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAY, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO (2) DAYS AHEAD OF THE PLANNED CONSTRUCTION.

CONTRACTORS RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES

AT POINTS WHERE THE CONTRACTOR'S OPERATIONS ARE ADJACENT TO PROPERTIES OF TELEPHONE, CABLE, AND POWER COMPANIES, OR ARE ADJACENT TO OTHER PROPERTY, DAMAGE TO WHICH MIGHT RESULT IN CONSIDERABLE EXPENSE, LOSS, OR INCONVENIENCE, WORK SHALL NOT BE COMMENCED UNTIL ALL ARRANGEMENTS NECESSARY FOR THE PROTECTION THEREOF HAVE BEEN MADE.

THE CONTRACTOR SHALL COOPERATE WITH THE OWNERS OF ANY UNDERGROUND OR OVERHEAD UTILITY LINES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER, THAT DUPLICATION OF REARRANGEMENT WORK MAY BE REDUCED TO A MINIMUM, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE UNNECESSARILY INTERRUPTED.

PROTECTION AND RESTORATION OF PROPERTY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY AND/OR PERSONS DURING THE PROSECUTION OF THE WORK, RESULTING FROM ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANY TIME DUE TO DEFECTIVE WORK OR MATERIALS, AND SAID RESPONSIBILITY WILL NOT BE RELEASED UNTIL THE PROJECT SHALL HAVE BEEN COMPLETED AND ACCEPTED.

DUST NUISANCE ORIGINATING FROM ANY OF THE CONTRACTOR'S OPERATIONS EITHER INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL ORDINANCES AND REGULATIONS AT THE SOLE EXPENSE OF THE CONTRACTOR.

WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE PROPERTY BY OR ON ACCOUNT OF ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NONEXECUTION THEREOF BY THE CONTRACTOR, HE SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE MANNER.

SUBSURFACE INVESTIGATIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. SUBSURFACE SOIL INVESTIGATIONS WERE NOT PERFORMED FOR THIS PROJECT.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO OR TO CROSS EITHER OVER OR UNDER AN EXISTING PIPE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE, BOTH AS TO LINE AND GRADE, AND ADJUST LINE AND/OR GRADE AS NECESSARY BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT CONDUIT ITEM.

EXISTING NATURAL GAS FACILITIES

THE ENBRIDGE GAS OHIO NATURAL GAS COMPANY SHALL BE RESPONSIBLE FOR ALL RELOCATIONS OF THEIR GAS MAIN FACILITIES AS REQUIRED, INCLUDING HOUSE CONNECTIONS AND VALVE BOX RELOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VALVE BOX AND ALL OTHER GAS MAIN APURTANCE ADJUSTMENTS TO GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ENBRIDGE GAS OHIO SO THAT COMPLETION OF HIS WORK IS NOT DELAYED BY THE ENBRIDGE GAS OHIO WORK. THE CONTRACTOR SHALL NOTIFY ENBRIDGE GAS OHIO AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THEIR SYSTEM.

DRIVEWAY AND ROADWAY PAVEMENT INSTALLATION

ALL PAVEMENT INSTALLATION SHOULD BE CONDUCTED UNDER SUITABLE WEATHER CONDITIONS. THE ENGINEER SHALL BE NOTIFIED IN ADVANCE OF ANY PROPOSED PAVEMENT INSTALLATION TO DETERMINE THE SUITABILITY OF WEATHER CONDITIONS FOR PAVEMENT INSTALLATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL ROADWAYS AND DRIVES PRIOR TO FINAL INSTALLATION. THE COST OF ANY TEMPORARY SURFACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE ITEM OF WORK.

VIDEOTAPING

THE CONTRACTOR SHALL PROVIDE ABOVE GROUND VIDEOTAPING OF ALL WORK AREAS PRIOR TO THE BEGINNING OF THE WORK. THE CONTRACTOR SHALL NOT START WORK UNTIL SUCH TIME AS THE ENGINEER HAS BEEN PROVIDED A COPY OF THE COMPLETE VIDEO.

DEWATERING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ANY INCOMING WATER TO THE EXTENT THAT THE SHAFT EXCAVATION IS MAINTAINED DRY ENOUGH FOR PERFORMANCE OF THE REQUIRED INSPECTION AND CONCRETING OPERATIONS. THE PREFERRED METHOD OF CONSTRUCTION IS TO PLACE THE CONCRETE IN A CLEAN, DRY EXCAVATION. THE CONTRACTOR IS EXPECTED TO MAKE A REASONABLE ATTEMPT TO SEAL WATER OUT OF THE DRILLED SHAFT EXCAVATION.

DEVIATION FROM PLAN

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS INVOLVED WHEN MAKING CORRECTIONS TO HIS UNAUTHORIZED DEVIATIONS FROM THE PLANS.

MATERIAL SPECIFICATIONS

MATERIAL SPECIFICATIONS CALLED FOR ON THE PLANS REPRESENT THE MINIMUM REQUIRED FOR EACH APPLICATION. THE OWNER MAY REQUEST OR THE CONTRACTOR MAY DESIRE TO SUBSTITUTE ALTERNATE MATERIALS. ANY SUCH SUBSTITUTIONS MUST BE EQUIVALENT IN QUALITY TO THE MATERIAL CALLED FOR AND MUST BE APPROVED IN WRITING BY THE APPROVING AGENCIES AND THE ENGINEER.

THE CONTRACTOR SHALL INCLUDE THE COST OF GRANULAR BACKFILL MATERIAL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.

SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.

STORM SEWER PIPING LESS THAN 12" IN DIAMETER SHALL BE PVC SDR 35 PER ODOT 707.45.
STORM SEWER PIPING 12" TO 36" IN DIAMETER SHALL BE HDPE PIPE WITH FITTINGS CONFORMING TO O.D.O.T. SPECIFICATION 707.33 (HDPE).

A-LOK FIELD INSERTED SEALS SHALL BE USED AND GROUTED IN (NON-SHRINK) WHERE STRUCTURES AND FABRICATION ISSUES EXIST DO TO PIPE LOCATIONS AND ANGLES.

INSERTA TEE SHALL BE USED TO MAKE INLINE CONNECTIONS FOR THE 4 INCH & 6 INCH TIE-INS WHERE ENCOUNTERED.

ALL WATER LINE MATERIALS SHALL BE IN ACCORDANCE WITH ASHTABULA COUNTY DEPARTMENT OF UTILITIES.

APPROVAL BEFORE CONCRETE PLACEMENT

THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A WRITTEN REPORT OF STEPS AND PROCEDURES THAT HE PROPOSES TO FOLLOW WHEN PLACING AND MONITORING THE CONCRETE PLACEMENT. NO CONCRETE SHALL BE PLACED DURING INCLEMENT WEATHER CONDITIONS WHICH PROHIBIT A THOROUGH INSPECTION.

REINFORCING STEEL

REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ITEM 509. THE REINFORCING STEEL SHALL BE GRADE 60, EPOXY COATED ASTM A615. SEE DETAILS FOR REINFORCING REQUIREMENTS.

SITE RESTORATION

THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.

PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.

ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.

SAFETY PROVISIONS

THE CONTRACTOR SHALL HAVE AT THE JOB SITE ALL EQUIPMENT AND MATERIALS NEEDED TO PROVIDE SAFE CONSTRUCTION AND INSPECTION OF THE DRILLED SHAFTS AS REQUIRED BY CITY, STATE AND FEDERAL SAFETY REQUIREMENTS. WHERE UTILITY OUPS MARKINGS SHOW POTENTIAL CONFLICT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE A NEED TO ADJUST THE LOCATION. THE CONTRACTOR SHOULD EXPECT TO POT-HOLE LOCATIONS WHICH APPEAR TO HAVE OUPS MARKINGS ADJACENT TO PROPOSED POLE LOCATIONS IN ORDER TO DETERMINE CLEARANCES. PAYMENT SHOULD BE INCLUDED IN THE LIGHT POLE FOUNDATION BID ITEM.

DRAINAGE, SOIL EROSION, SEDIMENT AND DUST CONTROL

POSITIVE DRAINAGE OF ALL CONSTRUCTION AREAS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH ODOT ITEM 670 AND AS REQUIRED BY THE LOCAL COUNTY SOIL AND WATER CONSERVATION DISTRICT.

THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY, SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE PERFORMED DAILY OR AS DIRECTED BY THE CITY, TO MAINTAIN ALL PAVED AREAS AFFECTED BY THE CONSTRUCTION.

THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION INSTALL & MAINTAIN THE FOLLOWING TEMPORARY EROSION & SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION:

INLET PROTECTION
SILT SOCKS AROUND PERIMETER OF DISTURBED AREAS AND STOCK PILES.
CONCRETE WASHOUT PIT
DAILY SWEEPING
CONSTRUCTION ENTRANCE (IF NON PAVED AREAS ARE USED)
TEMPORARY & PERMANENT SEEDING.

PAYMENT FOR ALL SOIL EROSION, SEDIMENT AND DUST CONTROL MEASURES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER VARIOUS ITEMS.

DRAINAGE, SOIL EROSION, SEDIMENT AND DUST CONTROL:

- POSITIVE DRAINAGE OF ALL CONSTRUCTION AREAS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH ODOT ITEM 670 AND AS REQUIRED BY THE LOCAL COUNTY SOIL AND WATER CONSERVATION DISTRICT.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY, SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE PERFORMED DAILY OR AS DIRECTED BY THE CITY, TO MAINTAIN ALL PAVED AREAS AFFECTED BY THE CONSTRUCTION.
- THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION INSTALL & MAINTAIN THE FOLLOWING TEMPORARY EROSION & SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION:
 - INLET PROTECTION
 - SILT SOCKS AROUND PERIMETER OF DISTURBED AREAS AND STOCK PILES.
 - CONCRETE WASHOUT PIT
 - DAILY SWEEPING
 - CONSTRUCTION ENTRANCE (IF NON PAVED AREAS ARE USED)
 - TEMPORARY & PERMANENT SEEDING.
- PAYMENT FOR ALL SOIL EROSION, SEDIMENT AND DUST CONTROL MEASURES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER VARIOUS ITEMS.

MAINTENANCE OF TRAFFIC

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC ADJACENT TO THE PROJECT. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL SIGNS, FLAGS, FLAG PERSONS, BARRICADES, SIGN SUPPORTS, CONES, BARRELS AND INCIDENTALS IN CONFORMANCE WITH THE MOST RECENT REVISED EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. INTERFERENCE WITH TRAFFIC SHALL BE KEPT MINIMAL AT ALL TIMES. ALL OPEN TRENCHES AND EXCAVATIONS SHALL BE PROTECTED WITH DRUMS, BARRICADES, OR BARRIERS AT ALL TIMES.

LAYOUT NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. THESE PLANS HAVE BEEN DEVELOPED FOR ELECTRONIC LAYOUT STAKING. ANY DISCREPANCIES DISCOVERED IN THE PLAN INFORMATION, OR BETWEEN THE PLAN AND ELECTRONIC DATA, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE ADJUSTMENTS MAY BE MADE PRIOR TO THE START OF CONSTRUCTION OR THE CONTINUATION OF THE SAME. THE DESIGN ENGINEER MAKES NO REPRESENTATION REGARDING FITNESS FOR ANY PARTICULAR PURPOSE, OR SUITABILITY FOR USE WITH ANY SOFTWARE OR HARDWARE. DUE TO THE EASILY ALTERABLE NATURE OF ELECTRONIC DOCUMENTS, THROUGH EITHER UNINTENTIONAL OR INTENTIONAL MEANS, THE DESIGN ENGINEER DOES NOT MAKE ANY EXPRESS OR IMPLIED WARRANTY FOR THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND THEREFORE, ACCEPTS NO LIABILITY FOR THE COMPLETENESS, CORRECTNESS OR READABILITY OF THE ELECTRONIC DATA. HARD COPIES (I.E., PRINTS, PAPER COPIES, ETC.) SHALL PREVAIL IN ANY DISPUTE OVER ACCURACY OR SUFFICIENCY OF ELECTRONIC DOCUMENTS.

EXISTING CONDITION AND DEMOLITION NOTES:

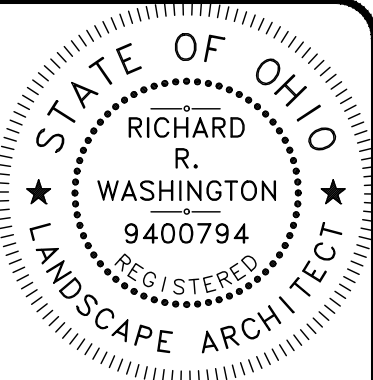
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE CONSTRUCTION PLANS WERE OBTAINED BY FIELD OBSERVATIONS, FROM EXISTING RECORDS, AND/OR FROM THE OWNERS OF THE RESPECTIVE UTILITIES. THE INFORMATION AS SHOWN IS BELIEVED TO BE CORRECT; HOWEVER, THE COMPLETENESS AND ACCURACY OF THIS INFORMATION CANNOT BE GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL THE VARIOUS UTILITY COMPANIES (PUBLIC AND PRIVATE) TO VERIFY THE EXISTENCE, LIMITS AND/OR LOCATION OF ANY UTILITIES WHICH MAY BE ALONG THE ROUTE OR WITHIN THE VICINITY OF THIS IMPROVEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXISTENCE AS WELL AS THE ACTUAL LOCATION, ALIGNMENT, AND ELEVATIONS OF ALL EXISTING UTILITIES/FACILITIES WITHIN AND/OR ADJACENT TO THE GENERAL LIMITS OF THESE IMPROVEMENTS INCLUDING WATERLINES, SANITARY AND STORM SEWERS, GAS LINES, COMMUNICATION LINES/BANKS, ELECTRIC LINES, ETC. THIS MAY REQUIRE EXPLORATORY EXCAVATIONS TO BE PERFORMED BY THE CONTRACTOR FOR WHICH HE WILL NOT BE REIMBURSED. THE CONTRACTOR SHALL NOT ASSUME THAT EXISTING UTILITIES/CONDUITS WERE INSTALLED AT TYPICAL/STANDARD DEPTHS OR AT UNIFORM SLOPES/GRADES/DEPTHS BETWEEN ACCESS POINTS (CATCH BASINS, MANHOLES, JUNCTION CHAMBERS, ETC.)
- CLEARING AND GRUBBING SHALL BE PERFORMED WHERE EARTHWORK IS REQUIRED. THIS WORK SHALL INCLUDE CLEARING, GRUBBING, SCALPING, TREE AND STUMP REMOVAL, AND THE REMOVAL AND DISPOSAL OF ALL VEGETATION AND DEBRIS WITHIN THE LIMITS OF WORK.
- THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL, DEMOLISHED MATERIALS AND WASTE MATERIALS INCLUDING TREES, STUMPS, BRUSH, TRASH AND DEBRIS, FROM THE PROJECT LIMITS AND LEGALLY DISPOSE OF OFF-SITE.
- PAVEMENT TO BE REMOVED SHALL BE SAWCUT IN A NEAT AND STRAIGHT LINE PRIOR TO EXCAVATION AND REMOVED FULL DEPTH AT LIMITS OR EXISTING JOINTS AS SHOWN IN THE PLANS. ADDITIONAL SAWCUTS MAY BE DESIRED TO FACILITATE THE REMOVAL OF THE EXISTING PAVEMENT, BUT THERE WILL BE NO EXTRA PAYMENT. PAVEMENT SHALL BE REMOVED WITHOUT DAMAGING OR UNDERMINING THE PAVEMENT TO REMAIN. IF ADJACENT PAVEMENT IS DAMAGED, THE CONTRACTOR SHALL MAKE ADDITIONAL SAWCUTS, REMOVE THE DAMAGED AREAS AND REPAIR AS NECESSARY WITH NO ADDITIONAL COMPENSATION.
- ANY ITEM NOT MARKED TO BE REMOVED SHALL REMAIN IN PLACE UNDISTURBED AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- NO ATTEMPT HAS BEEN MADE TO NOTE ALL LOCATIONS OR SPECIFIC EXTENT OF DEMOLITION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL DEMOLITION NECESSARY TO EXECUTE THE NEW PLAN INCLUDING COORDINATION OF DEMOLITION WORK WITH NEW WORK SO AS NOT TO CREATE CONFLICTS OF NEW INSTALLATION.
- ALL DEMOLISHED ITEMS SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
- ANY UTILITY TO BE REMOVED, RELOCATED, SHUT-OFF, AND/OR RECONNECTED BY THE RESPECTIVE UTILITY COMPANY SHALL BE COORDINATED BY THE CONTRACTOR.
- ALL EXCAVATIONS RESULTING FROM UTILITY REMOVALS SHALL BE BACKFILLED WITH PREMIUM GRANULAR MATERIAL MEETING ODOT ITEM 304 TO WITHIN 8" OF SURFACE. TOP WITH TOPSOIL IN LAWN AREAS.

GRADING NOTES:

- ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS AND MATERIALS OF CONSTRUCTION TO COMPLETE CONSTRUCTION AS DESIGNED. THE OWNER NOR THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE TYPE AND/OR SUITABILITY OF THE MATERIAL UNDERLYING THE PROJECT SITE. THE BIDDER SHALL PERFORM ANY INVESTIGATIONS AND/OR TESTING NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS BID OR THE PERFORMANCE OF THE PROPOSED IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE AND/OR UNSTABLE SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), SPRINGS, OBSTRUCTIONS, ETC.
- THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTH MOVING OPERATIONS.
- THE INTENT OF THIS PROJECT IS TO UTILIZE ALL USEABLE MATERIALS EFFICIENTLY. ACTUAL FIELD CONDITIONS MAY REQUIRE DECISIONS ON MATERIAL HANDLING AND USAGE. THE CONTRACTOR IS RESPONSIBLE FOR MONITORING AND MAINTAINING SITE CONDITIONS.
- THE CONTRACTOR SHALL STRIP TOPSOIL FROM AREAS TO BE GRADED AND STOCKPILE IT PRIOR TO SITE GRADING OPERATIONS. TOPSOIL SHALL BE STRIPPED TO WHATEVER DEPTH ENCOUNTERED IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER WASTE MATERIALS.
- DO NOT STOCKPILE SOIL MATERIALS NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF TREES TO REMAIN.
- EXCESS MATERIAL GENERATED FROM TRENCH EXCAVATION OPERATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM EXCAVATION AND EMBANKMENT OPERATIONS AS NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS AND ACHIEVE THE FINISHED GRADES SHOWN ON THE PLANS, EXCEPT AS NOTED:
 - STRUCTURAL FILL SHALL BE PLACED AND COMPACTED UNDER ALL BUILDING SLABS, FOOTINGS AND PAVEMENT.
 - SOIL OBTAINED ON-SITE MAY BE USED AS FILL MATERIAL PROVIDED IT IS FREE OF ORGANIC MATTER, DEBRIS, EXCESSIVE MOISTURE, AND ROCK FRAGMENTS 6" AND LARGER.
 - NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE MAY BE USED.
 - THE CONTRACTOR SHALL DISPOSE OFF-SITE ANY EXCESS OR UNSUITABLE MATERIAL UNABLE TO BE PLACED ON-SITE.
 - UNSUITABLE MATERIAL ENCOUNTERED DURING INSTALLATION OF PROPOSED IMPROVEMENTS (I.E. BUILDINGS, UTILITIES, PAVEMENT, ETC.) SHALL BE UNDERCUT AND REPLACED WITH COMPACTED FILL OR STABILIZED IN-PLACE UTILIZING CONVENTIONAL MEASURES SUCH AS DISCING, AERATION OR RECOMPACTION. OTHER MEANS OF STABILIZATION SHALL BE AT THE DISCRETION OF THE OWNER OR GEOTECHNICAL ENGINEER.
- IT IS THE INTENT OF THE SLOPES AND SPOT GRADES NOTED ON THE PLANS TO PROVIDE POSITIVE DRAINAGE TO STORM WATER COLLECTION POINTS. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION.
- EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN SUCH CONDITION THAT IT WILL BE WELL DRAINED AT ALL TIMES TO PREVENT PONDING OF WATER AFTER RAINS.
- ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC., LOCATED WITHIN PEDESTRIAN RIGHT-OF-WAYS OR SIDEWALKS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
- THE CONTRACTOR SHALL RECONSTRUCT ANY SUBGRADE DAMAGED BY FREEZING TEMPERATURES, FROST, RAIN, ACCUMULATED WATER OR CONSTRUCTION ACTIVITIES WITHOUT ADDITIONAL COMPENSATION.

UTILITY NOTES:

- THE CONTRACTOR SHALL PROTECT, SUPPORT AND SHORE UP ANY EXISTING UTILITY ENCOUNTERED DURING CONSTRUCTION AND COORDINATE ALL WORK TO BE PERFORMED WITH EACH RESPECTIVE UTILITY COMPANY, INCLUDING WORK BEING PERFORMED DIRECTLY BY THE UTILITY COMPANIES, FOR MAIN OR SERVICE CONNECTIONS, DISCONNECTIONS, RELOCATIONS, DEMOLITION AND INSPECTIONS. THE CONTRACTOR SHALL SECURE AND PAY FOR ANY PERMITS, FEES AND UTILITY COMPANY CHARGES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE NECESSARY LEVELS OF PROTECTION AND SAFEGUARDING OF ALL OPEN TRENCHES, WHEN WORK IS EITHER ACTIVE, COMPLETED AT THE END OF THE DAY OR SUSPENDED FOR ANY OTHER REASON. THIS INCLUDES TRENCH PROTECTION SUCH AS TRENCH BOXES, WOOD SHEETING AND BRACING, OR ANY OTHER METHOD DETERMINED BY THE CONTRACTOR TO MAINTAIN A SAFE WORKING ENVIRONMENT. ALL EXCAVATIONS SHALL COMPLY WITH APPLICABLE LAWS AND REGULATIONS (FEDERAL, STATE AND LOCAL).
 - WHERE THE PLANS PROVIDE FOR NEW CONDUIT TO BE CONNECTED TO OR CROSS OVER OR UNDER AN EXISTING UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING UTILITY BOTH AS TO LINE AND GRADE BEFORE BEGINNING TO LAY THE NEW CONDUIT.
 - THE CONTRACTOR SHALL JET-CLEAN ALL STORM SEWERS AND VACUUM CLEAN ALL MANHOLES AND CATCH BASINS BEFORE ACCEPTANCE BY THE OWNER.
 - ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
 - THE CONTRACTOR SHALL INCLUDE THE COST OF GRANULAR BACKFILL MATERIAL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.
 - SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.
 - STORM SEWERS
- STORM MAIN SEWERS SHALL BE ONE OF THE FOLLOWING:
- POLYVINYL CHLORIDE PIPE (PVC) 4" - 15" DIAMETER
 - ALL POLYVINYL CHLORIDE PIPE IN THIS SIZE RANGE SHALL CONFORM TO ASTM D-3034 SDR 35, SHALL BE INTEGRAL BELL AND SPIGOT TYPE, WITH JOINTS CONFORMING TO ASTM D-3212 AND ELASTOMERIC SEALS CONFORMING TO ASTM F-477.
 - ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED IN CONFORMANCE WITH ASTM D-3034. ALL GASKETS SHALL BE MARKED OR STENCILED WITH THE ASTM SPECIFICATION DESIGNATION, NAME OR TRADEMARK OF THE MANUFACTURER, AND PIPE SIZE.
 - POLYVINYL CHLORIDE PIPE (PVC) 18" - 27" DIAMETER
 - ALL LARGE DIAMETER POLYVINYL CHLORIDE PIPE SHALL CONFORM TO ASTM F-679, SHALL BE INTEGRAL BELL AND SPIGOT TYPE, WITH JOINTS CONFORMING TO ASTM D-3212 AND ELASTOMERIC SEALS CONFORMING TO ASTM F-477.
 - ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED IN CONFORMANCE WITH ASTM F-679. ALL GASKETS SHALL BE MARKED OR STENCILED WITH THE ASTM SPECIFICATION DESIGNATION, NAME OR TRADEMARK OF THE MANUFACTURER, AND PIPE SIZE.
 - CORRUGATED POLYETHYLENE PIPE 12" DIAMETER AND LARGER
 - ALL CORRUGATED POLYETHYLENE PIPE IN THIS SIZE RANGE SHALL BE SMOOTH LINED CONFORMING TO ODOT 707.33. ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED WITH THE APPROPRIATE CLASSIFICATION.
 - HIGH-DENSITY POLYETHYLENE PERFORATED PIPE 8"-15" DIAMETER
 - ALL PERFORATED HDPE PIPE SHALL ONLY BE USED FOR SYNTHETIC TURF FIELD SUBDRAINAGE SYSTEM, NOT FOR ANY OTHER STORM IMPROVEMENTS.
- ALL STORM SEWER JOINTS AND PIPES SHALL BE WATERTIGHT.



Richard Washington, License #754
Expiration Date 12/31/2026

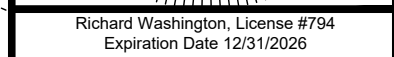
verdantas

ISSUED FOR:	REBID	DATE	REVISION				
			NO				
12/15/25	AS SHOWN						
SCALE:	AS SHOWN						
DESIGNED BY:	RW						
DRAWN BY:	CZ						
CHECKED BY:	RW						

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

GENERAL NOTES

PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-1	
SHEET	OF
2	16



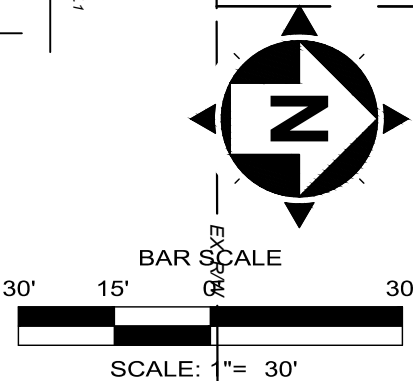
SCALE:	AS SHOWN	
DESIGNED BY:	RW	
DRAWN BY:	CZ	
CHECKED BY:	RW	

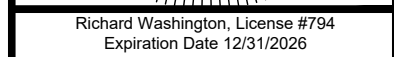
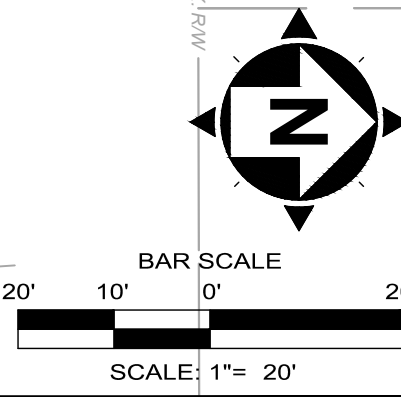
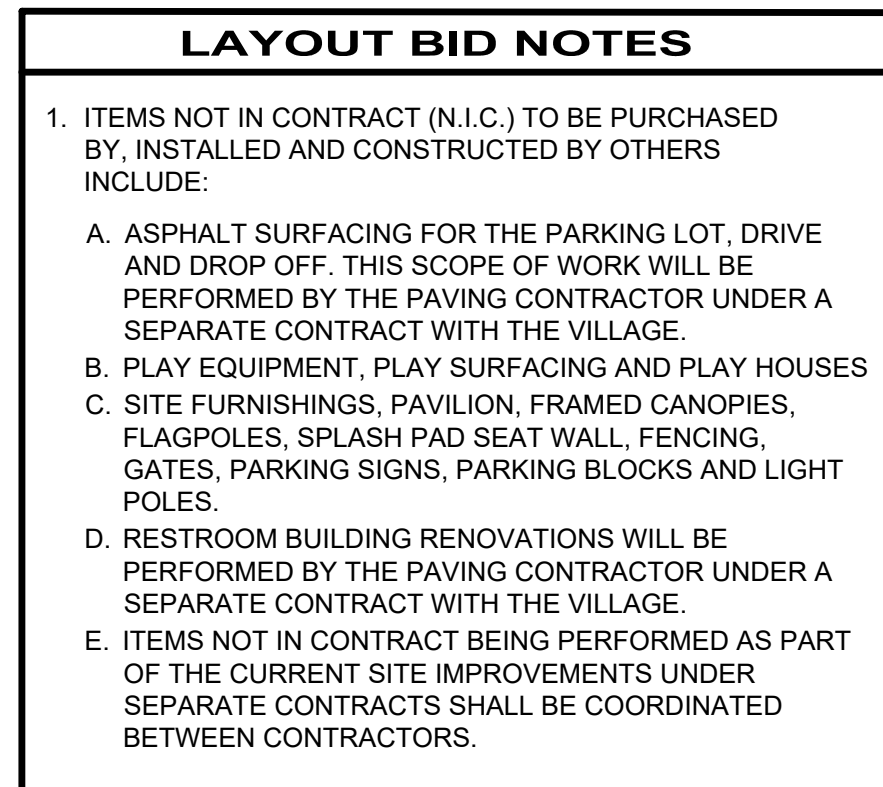
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

DISCIPLINE

--	--

OF

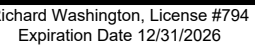




ISSUED FOR:	REBID	NO	REVISION	DATE
ISSUE DATE:	12/15/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

OVERALL LAYOUT PLAN

PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-3	
SHEET	OF
4	16



--	--	--	--	--	--

260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

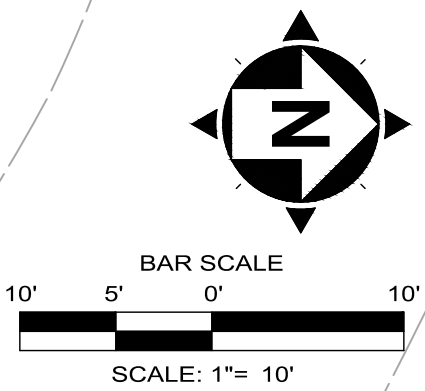
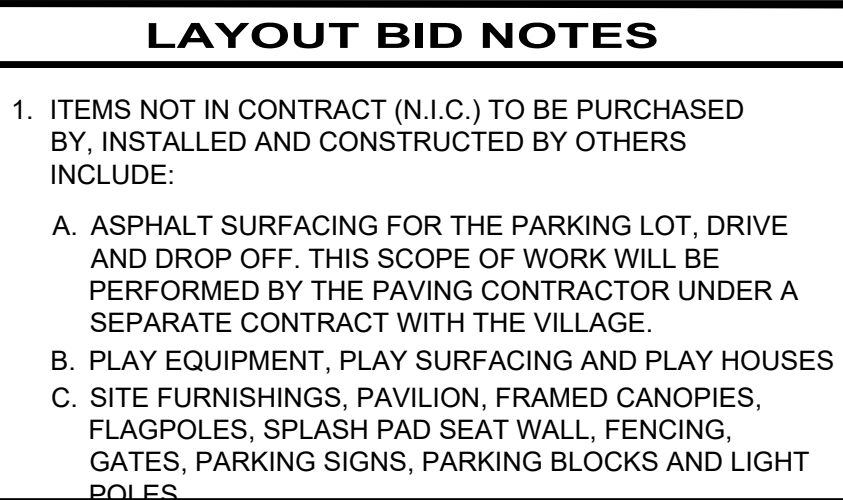
LAYOUT PLAN PLAYGROUND

DISCIPLINE

CIVIL

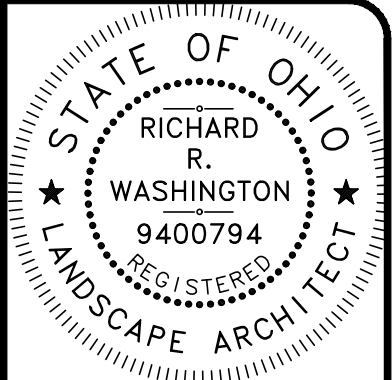
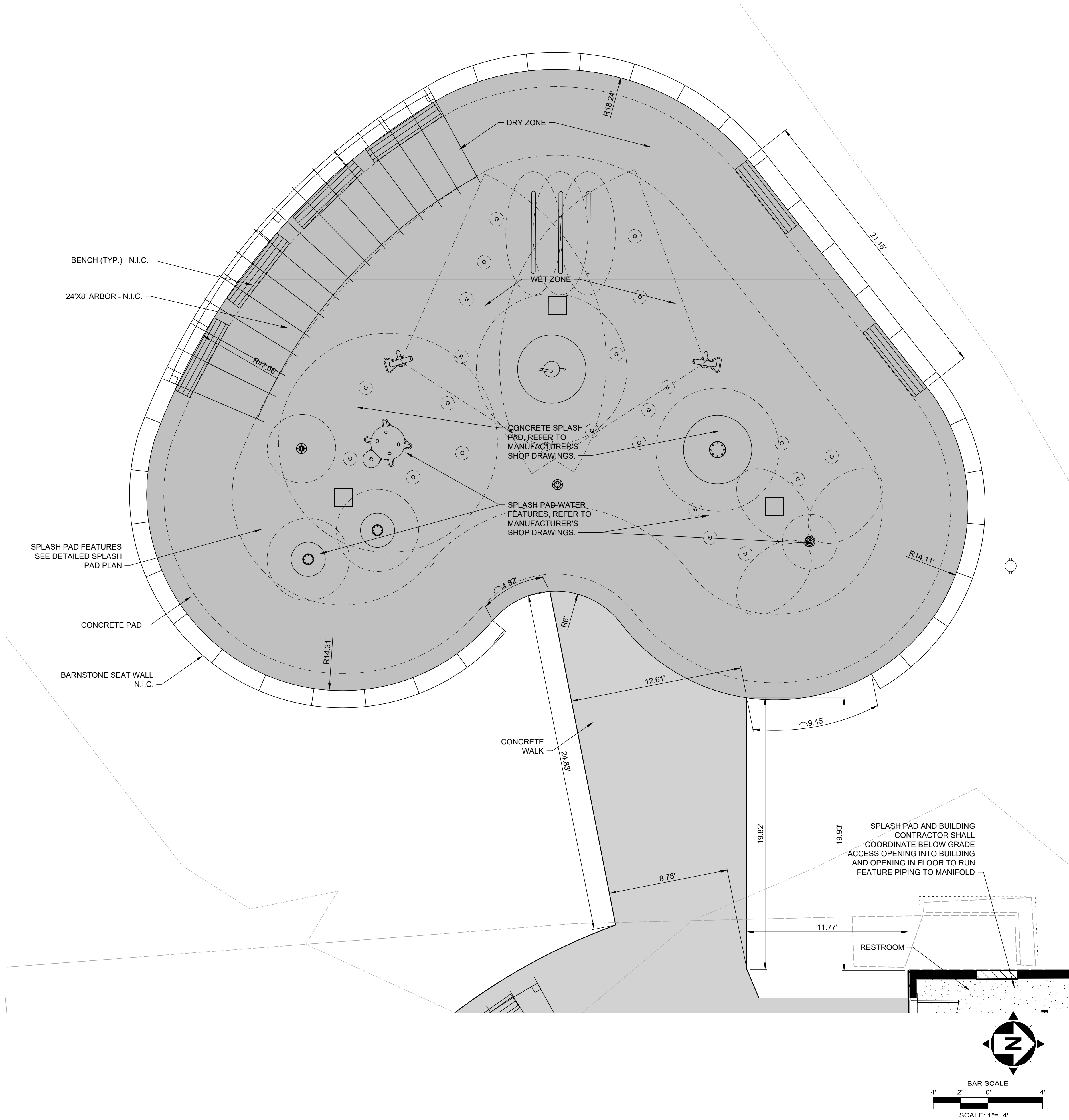
SHEET NAME


SHEET	OF
-------	----



CODED NOTES & LEGEND	
	01 HEAVY DUTY ASPHALT PAVEMENT - N.I.C.
	02 STANDARD DUTY ASPHALT PAVEMENT - N.I.C.
	03 PLAYGROUND SAFETY SURFACING - N.I.C.
	04 BRICK PAVERS ON CONCRETE PAD
	05 CONCRETE SPLASH PAD
	06 CONCRETE WALK
	07 COLOR CONCRETE WALK
	08 CONCRETE CURB
	09 FLUSH CONCRETE CURB
	10 LINESTRIPING - N.I.C.
	11 PAVILION - N.I.C.
	12 FRAMED CANOPY - N.I.C.
	13 TALL FLAG POLE - N.I.C.
	14 SHORT FLAGPOLE - N.I.C.
	16 BENCH - N.I.C.
	17 BIKE RACK - N.I.C.
	18 HANDICAPPED PARKING SIGN - N.I.C.
	19 WHEEL STOP - N.I.C.
	20 ORNAMENTAL FENCE - N.I.C.

SPLASH PAD NOTES	
1.	REFER TO THE SPLASH PAD SUBMITTAL SET. THE CONTRACTOR SHALL OBTAIN THE MOST CURRENT APPROVED DRAWINGS FROM THE SPLASH PAD COMPANY FOR THE SUBMITTALS.



Richard Washington, License #754 Expiration Date 12/31/2026				
				
ISSUED FOR:	REBID	NO	REVISION	DATE
ISSUE DATE:	12/15/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK 260 E JEFFERSON STREET - VILLAGE OF JEFFERSON, ASHTABULA COUNTY -	
LAYOUT PLAN SPLASH PAD	

PROJECT NO. 242425	
DISCIPLINE CIVIL	
SHEET NAME C-5	
SHEET 6	OF 16

ISSUED FOR:	REBID	NO	REVISION	DATE
12/15/25				
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

OVERALL GRADING PLAN

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	C-6
SHEET	7
OF	16

SHEET NOTES

- GRAPHICAL SCREENING AND SHADING IS USED TO DE-EMPHASIZE EXISTING ITEMS AND SOME NEW IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK.
- PROPOSED DEMOLITION PLAN ITEMS ARE NOT SHOWN FOR CLARITY PURPOSES.
- SEE GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- CONTOURS SHOWN IN PAVED AREAS ARE TO THE TOP OF THE PROPOSED PAVEMENT.
- IT IS THE INTENT OF THE SLOPES AND SPOT GRADES SHOWN ON THE PLANS TO PROVIDE POSITIVE DRAINAGE TO STORM WATER COLLECTION POINTS. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION.
- SUBDRAINAGE SHALL BE TIED INTO THE CLOSEST CATCH BASINS AND SHALL HAVE .5% MINIMUM SLOPE.
- SUBGRADE SHALL SLOPE TOWARD SUBDRAINAGE.
- COORDINATE SUBDRAINAGE LAYOUT WITH LOCATIONS OF THE EQUIPMENT FOOTERS.

SHEET LEGEND

— 941.00 PROPOSED ELEVATION

— 650 CONTOUR - MAJOR

— 649 CONTOUR - MINOR

650 CONTOUR - MAJOR

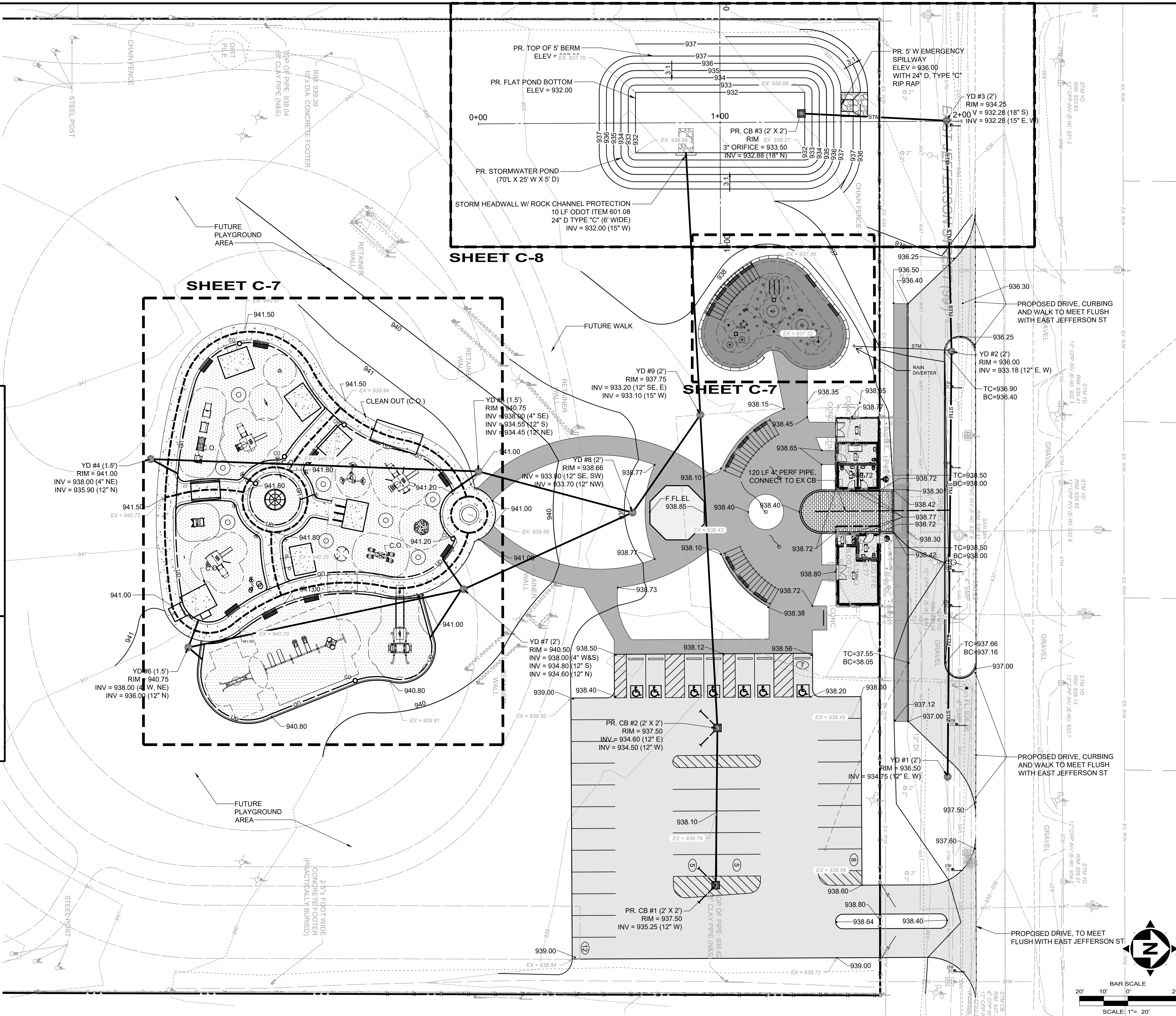
649 CONTOUR - MINOR

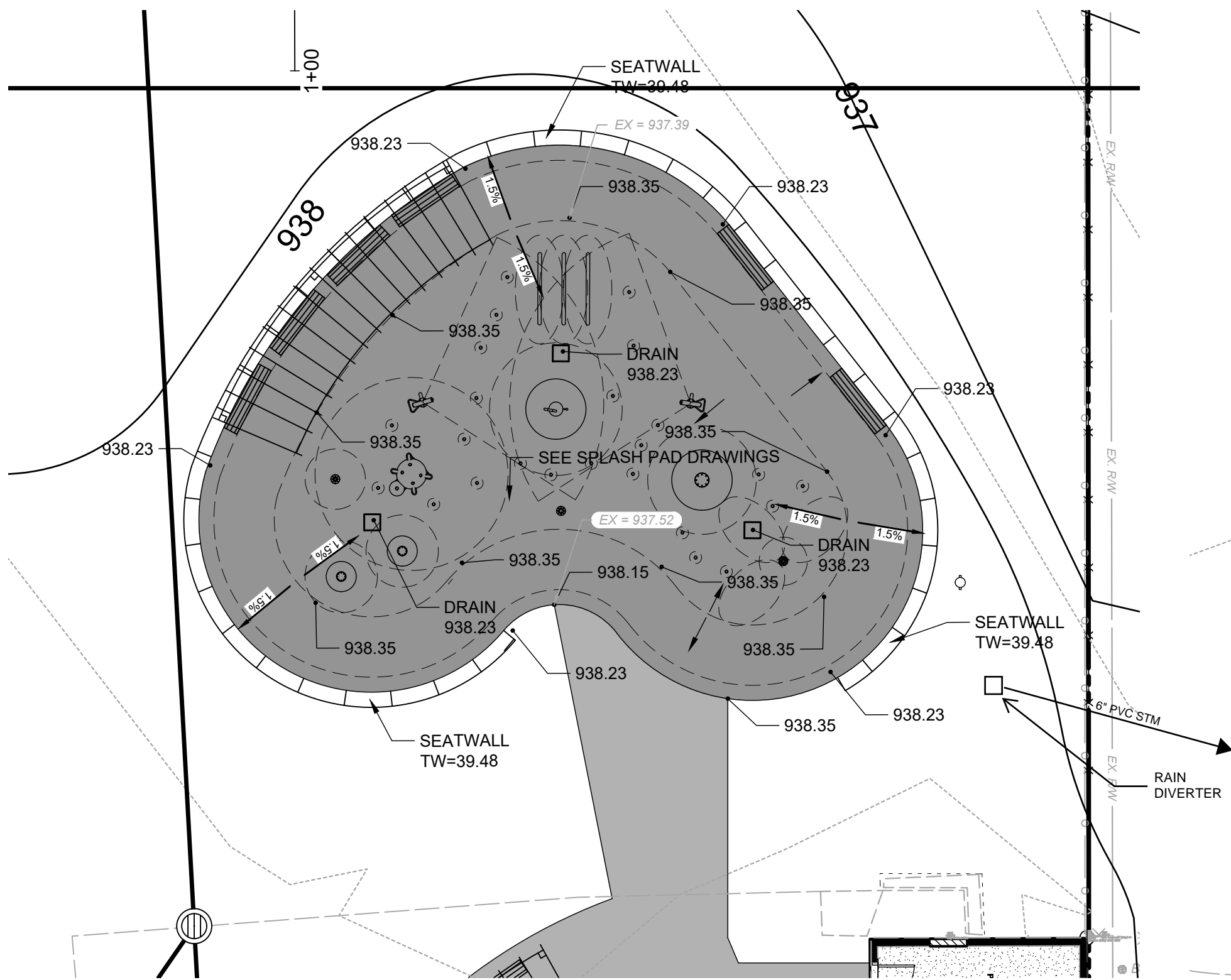
1.0% PROPOSED SLOPE

TW TOP OF WALL

TC TOP OF CURB

BC BACK OF CURB

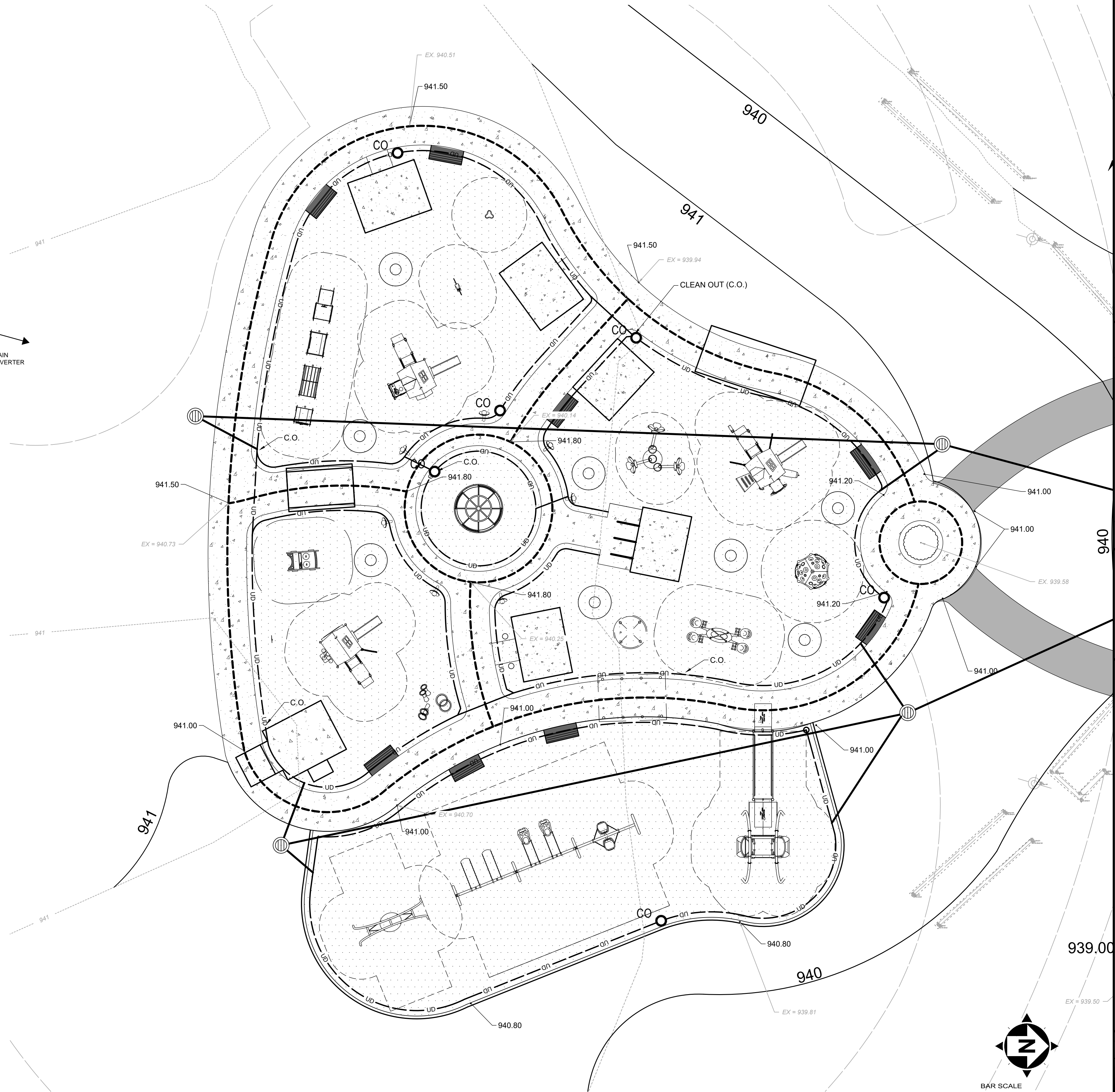




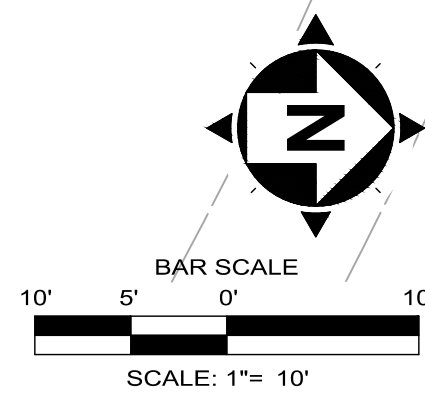
NOTE:
CONTRACTOR SHALL OBTAIN A FINAL ODH APPROVED
SPLASH PAD PERMIT SET FOR CONSTRUCTION

SPLASH PAD GRADING PLAN
SCALE: 1" = 10'

SHEET LEGEND	
	941.00 PROPOSED ELEVATION
	650 CONTOUR - MAJOR
	649 CONTOUR - MINOR
	650 CONTOUR - MAJOR
	649 CONTOUR - MINOR
	1.0% PROPOSED SLOPE
	TW TOP OF WALL
	TC TOP OF CURB
	BC BACK OF CURB



PLAYGROUND GRADING PLAN
SCALE: 1" = 10'



verdantas

ISSUED FOR:	REBID:	NO.	REVISION	DATE
12/15/25				
AS SHOWN				
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -
PLAYGROUND AND SPLASH PAD GRADING PLAN

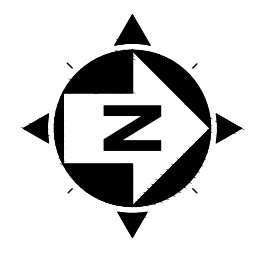
PROJECT NO. 242425	
DISCIPLINE CIVIL	
SHEET NAME C-7	
SHEET 8	OF 16

ISSUED FOR:	REBID:	NO	REVISION	DATE
12/15/25	AS SHOWN			
SCALE:	RW			
DESIGNED BY:	CZ			
DRAWN BY:	RW			
CHECKED BY:				

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POND GRADING
PLAN

PROJECT NO. 242425	
DISCIPLINE CIVIL	
SHEET NAME C-8	
SHEET 9	OF 16



STORMWATER NOTES

- THE CONTRACTOR SHALL MAINTAIN, AND KEEP CLEAR OF DEBRIS, THE FLOW IN EXISTING STORM SEWERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CLEAN ALL NEW STORM SEWERS AND VACUUM CLEAN ALL MANHOLES AND CATCH BASINS WITHIN THE PROJECT LIMITS BEFORE ACCEPTANCE.
- THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT THE PROPOSED STORMWATER POND AREA REMAINS UNDISTURBED TO AVOID SOIL OVERCOMPACTION.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- ALL STORM SEWER JOINTS SHALL BE WATERTIGHT.
- POST STORMWATER INSTALLATION THE POND SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED O&M GUIDELINES.

STORMWATER OPERATION & MAINTENANCE NOTES

LONG-TERM OPERATION AND MAINTENANCE SCHEDULE

OWNERSHIP, OPERATION, INSPECTION, AND MAINTENANCE OF THE NON-STRUCTURAL AND STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) CONTAINED IN THIS PLAN SHALL BE PERFORMED BY THE OWNER OR A CERTIFIED REPRESENTATIVE.

REFERENCE IS MADE TO THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL AND THE MUNICIPAL STORMWATER MANAGEMENT ORDINANCE. ALL PARTIES RESPONSIBLE FOR OWNERSHIP, OPERATION, AND MAINTENANCE SHALL OBTAIN COPIES OF THESE REFERENCES AND REVIEW THEM IN DETAIL FOR ADDITIONAL INFORMATION AND REQUIREMENTS. ITEMS LISTED IN THIS PLAN SHALL BE CONSIDERED THE MINIMUM OPERATIONS AND MAINTENANCE PROCEDURES AND HAVE BEEN PROVIDED TO ASSIST THE RESPONSIBLE PARTY'S CREATION OF A COMPREHENSIVE LIST OF ALL OPERATION AND MAINTENANCE ITEMS THAT MUST BE PERFORMED TO MEET THEIR OBLIGATION OF ENSURING THAT ALL NON-STRUCTURAL BMP'S, STRUCTURAL BMP'S, STORMWATER CONVEYANCE FACILITIES, AND STORMWATER MANAGEMENT AREAS ARE OPERATED AND MAINTAINED IN A SAFE AND GOOD WORKING ORDER.

STORM SEWER COLLECTION / CONVEYANCE SYSTEM

AT A MINIMUM, INSPECTIONS SHOULD BE PERFORMED IN THE SPRING AND FALL OF EACH YEAR AND AFTER EVERY HEAVY STORM EVENT (EVENTS GREATER THAN 1" RAINFALL/ 24 HOURS).

ALL MATERIALS (DEBRIS, SILT, LITTER, ETC.) COLLECTED AND REMOVED AS A PART OF THESE INSPECTIONS SHALL BE DISPOSED OF OFF-SITE IN A PROPER MANNER.

INSPECT THE CONDITION OF STORM INLETS, GRATES, PIPING, ETC. TO ENSURE THEY ARE IN GOOD WORKING ORDER AND PERFORMING THEIR INTENDED PURPOSE. REPAIR DEFICIENT ITEMS AS REQUIRED.

AREAS DRAINING TO STORM SEWER SHALL BE KEPT FREE OF ALL TRASH AND OTHER DEBRIS THAT POSE THE POTENTIAL FOR CLOGGING OF THE SYSTEM.

REMOVE ACCUMULATED MATERIALS DEPOSITED IN STORM INLET SUMPS.

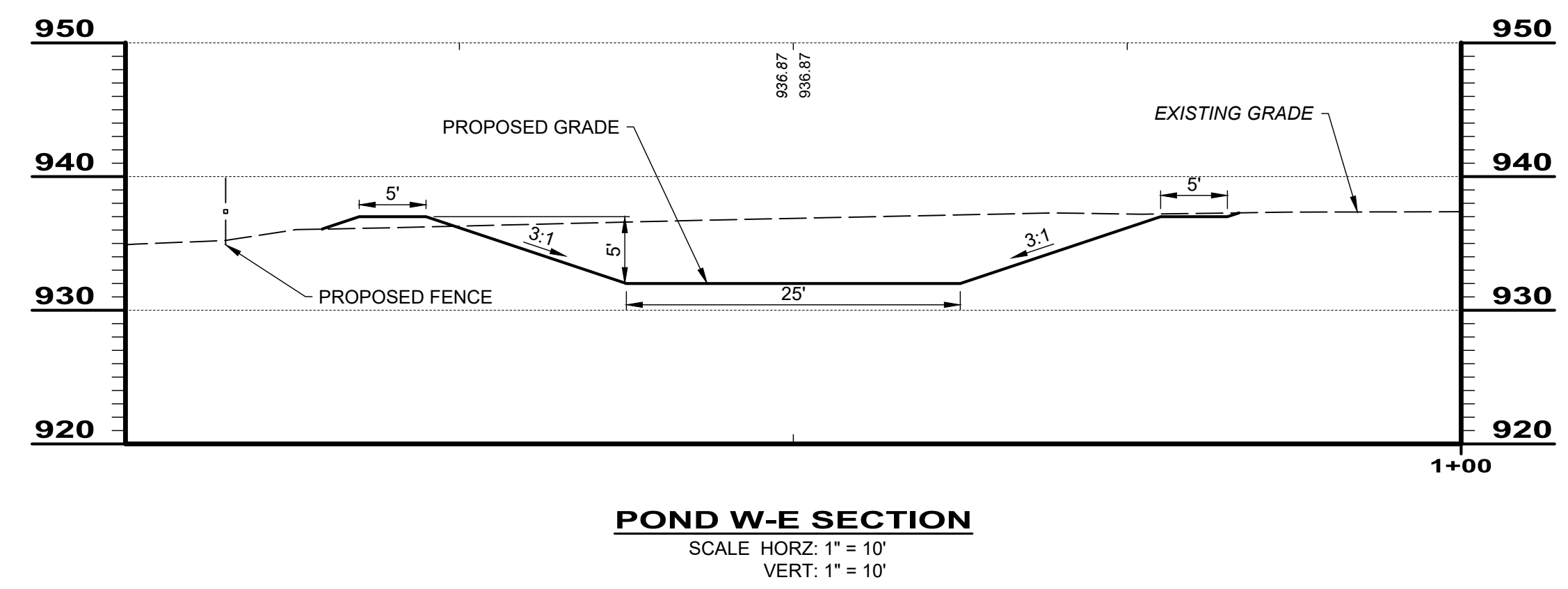
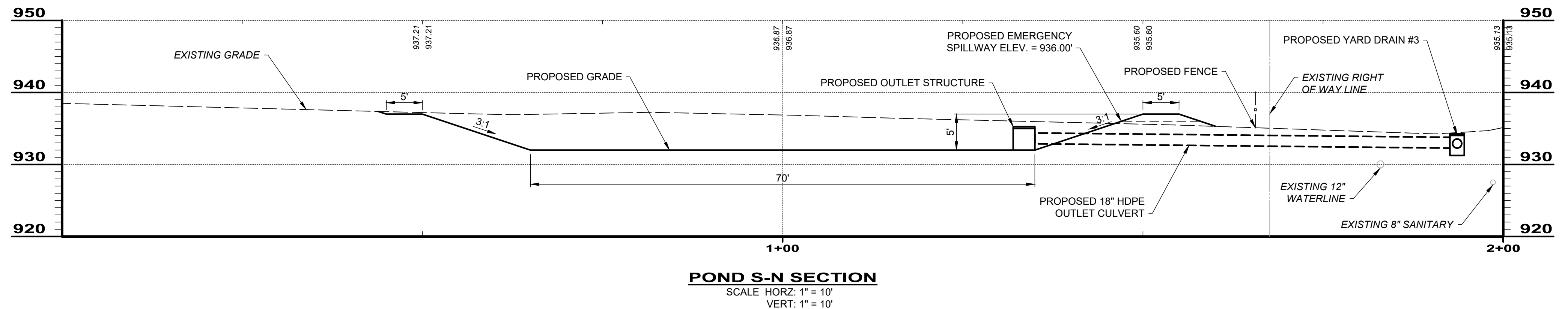
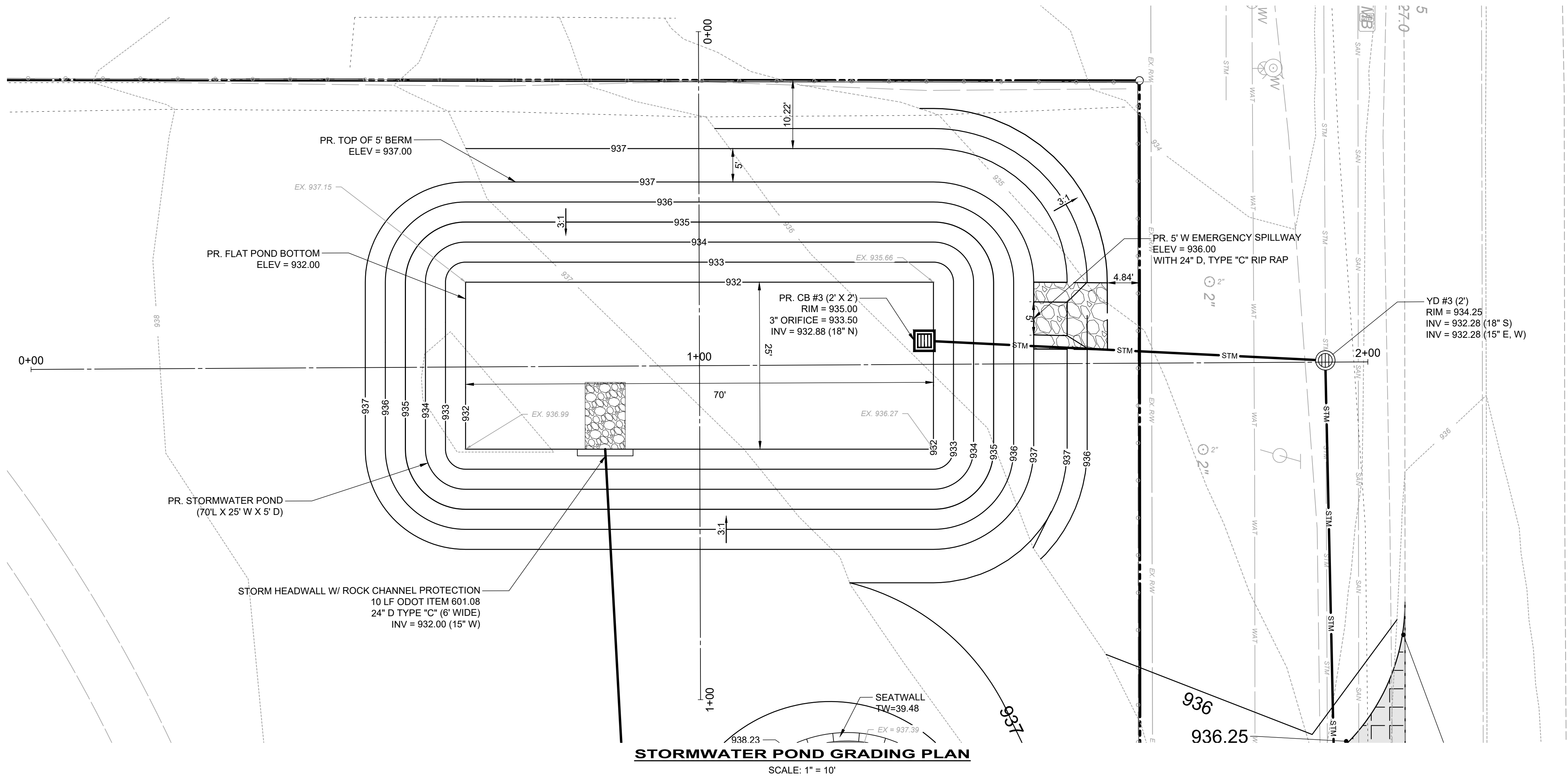
INSPECT THE CONDITION OF ALL SWALES TO ENSURE THEY ARE IN GOOD WORKING ORDER AND PERFORMING THEIR INTENDED PURPOSE.

ALL SWALES SHALL BE KEPT FREE OF OBSTRUCTIONS SUCH AS FILL GROUND, FALLEN LEAVES AND WOODY DEBRIS. ACCUMULATED SEDIMENT, AND OTHER MATERIALS/WASTES. CHANNELS SHOULD BE KEPT MOWED AND/OR FREE OF ALL WEEDY, BRUSHY OR WOODY GROWTH.

RIPRAP APRON, ENERGY DISSIPATORS, AND DOWNSPOUT DISCHARGES SHALL BE KEPT FREE OF ALL TRASH AND OTHER DEBRIS. WASHED OUT OR DISPLACED ROCK RIPRAP SHALL BE REPLACED AND GROUTED IN PLACE AS NEEDED.

REFER TO DETAIL SHEETS FOR NOTES AND MAINTENANCE INFORMATION ON ADDITIONAL BMP'S.

A LOG SHOWING DATES THAT E&S BMP'S WERE INSPECTED AS WELL ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.





Richard Washington, License #754
Expiration Date 12/31/2026

verdantas

ISSUED FOR:	REBID:	NO	REVISION	DATE
ISSUE DATE:	12/15/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

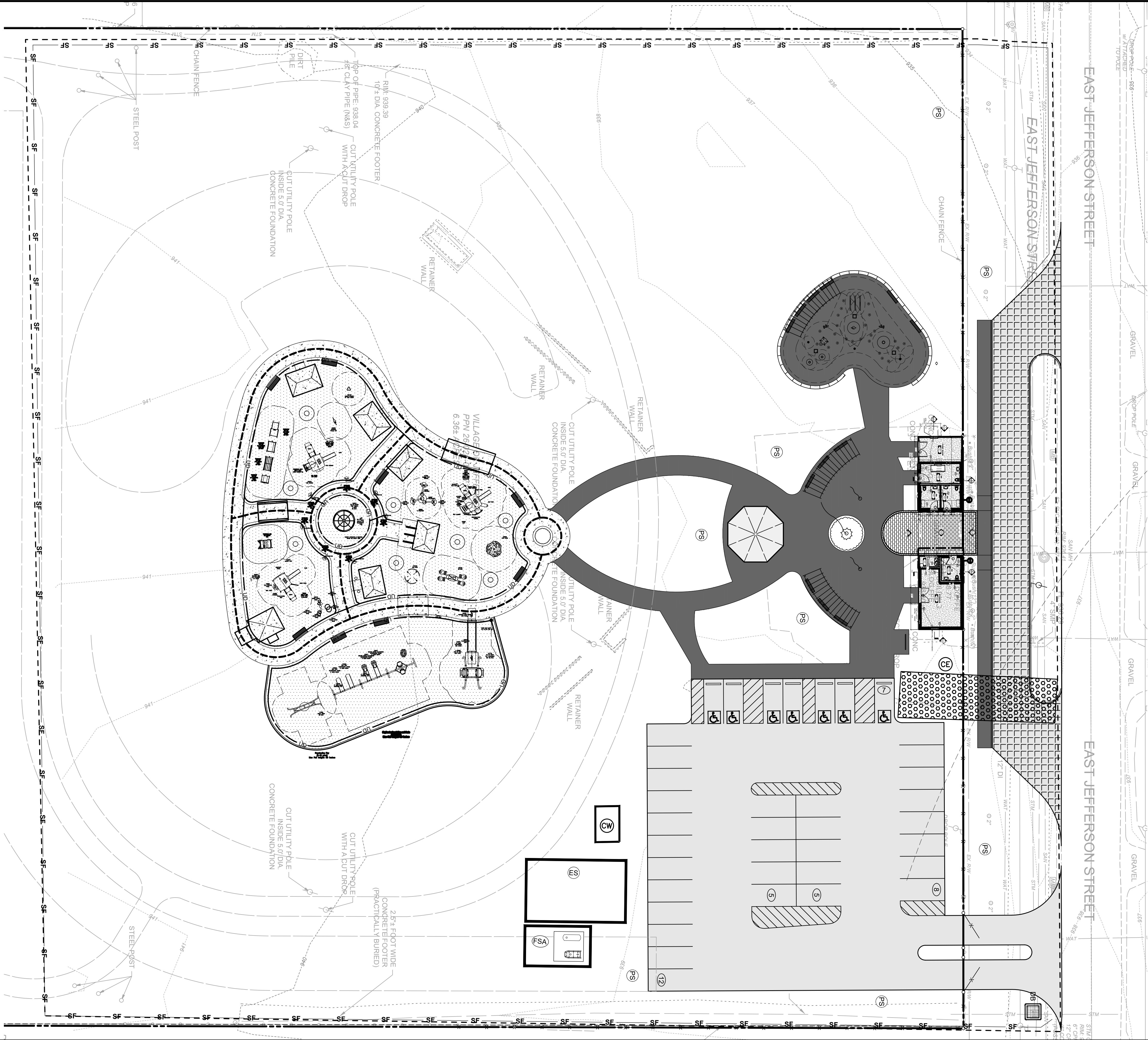
**STORMWATER POLLUTION
PREVENTION PLAN**

PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
SWP-1	
SHEET	OF
10	16

OHIO
Utilities Protection
SERVICE
Call Before You Dig
1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

SHEET LEGEND

- CONSTRUCTION WORK LIMIT
- CE CONSTRUCTION ENTRANCE
- CW CONC. WASHOUT
- ES EQUIP. STAGING
- FSA FUEL STORAGE & VEHICLE FUELING AREA
- SF SILT FENCE
- PS PERM. SEEDING
- DB IP STORM INLET PROTECTION; DANDY BAG



DELEGATION OF AUTHORITY FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

I, _____, HEREBY DESIGNATE THE PERSON OR DESCRIBED POSITION BELOW TO BE A DULY AUTHORIZED REPRESENTATIVE FOR THE PURPOSE OF OVERSEEING COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS, INCLUDING THE OHIO EPA NPDES CONSTRUCTION GENERAL PERMIT, AT THE DESIGNATED PROJECT. THE DESIGNEE IS AUTHORIZED TO SIGN REPORTS, STORM WATER POLLUTION PREVENTION PLANS (SWP3) AND OTHER DOCUMENTS AS REQUIRED BY THE NPDES PERMIT.

NAME OF QUALIFIED PERSON AND/OR POSITION

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

BY SIGNING THIS AUTHORIZATION, I CERTIFY UNDER THE PENALTY OF LAW THAT ALL REQUIRED DOCUMENTS WILL BE PREPARED 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(S) WHO MANAGES THE SYSTEM OR IS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION TO BE SUBMITTED WILL BE, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

SUBCONTRACTOR AGREEMENT FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

BY SIGNING THIS AGREEMENT, I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) FOR THE DESIGNATED PROJECT AND AGREE TO FOLLOW THE PRACTICES DESCRIBED. AS A SUBCONTRACTOR, I AM REQUIRED TO COMPLY WITH THE SWP3 FOR ANY WORK I PERFORM AT THE PROJECT. IT IS MY RESPONSIBILITY TO OBTAIN A COPY OF THE SWP3 FROM THE CONTRACTOR AND TO ADVISE MY EMPLOYEES WORKING ON THIS PROJECT OF THE REQUIREMENTS. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES OR LOSS OF CONTRACT FOR VIOLATING ANY CONDITION OF THE SWP3, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

DESCRIPTION OF CONSTRUCTION SERVICE(S) I AM TO PROVIDE:

FINAL CERTIFICATION AND NOTIFICATION FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

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 ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED FOR THE DESIGNATED PROJECT. BASED ON MY INQUIRY OF THE PERSON(S) WHO MANAGED THE SYSTEM OR 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 THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

GRADING AND STABILIZATION ACTIVITY LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

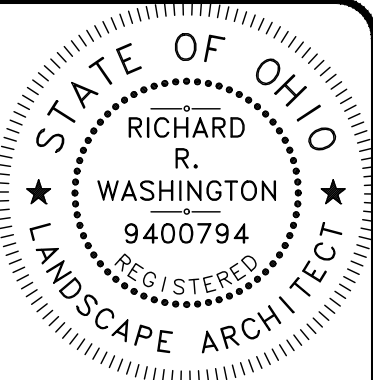
DATE GRADING ACTIVITY INITIATED	DESCRIPTION OF GRADING ACTIVITY	DATE GRADING ACTIVITY CEASED	STABILIZATION MEASURE INITIATED		DESCRIPTION OF STABILIZATION MEASURE AND LOCATION (ATTACH SKETCH IF NECESSARY)
			DATE	TYPE	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	
				<input type="checkbox"/> TEMP. <input type="checkbox"/> PERM.	

EROSION AND SEDIMENT CONTROL AMENDMENT LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

AMENDMENT NO.	DATE OF AMENDMENT	DESCRIPTION OF AMENDMENT	DESCRIPTION OF STABILIZATION MEASURE AND LOCATION (ATTACH SKETCH IF NECESSARY)



Richard Washington, License #754
Expiration Date 12/31/2026



ISSUED FOR:	REBID	NO	REVISION	DATE
ISSUE DATE:	12/15/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POLLUTION
PREVENTION PLAN LOGS

PROJECT NO.

242425

DISCIPLINE

CIVIL

SHEET NAME

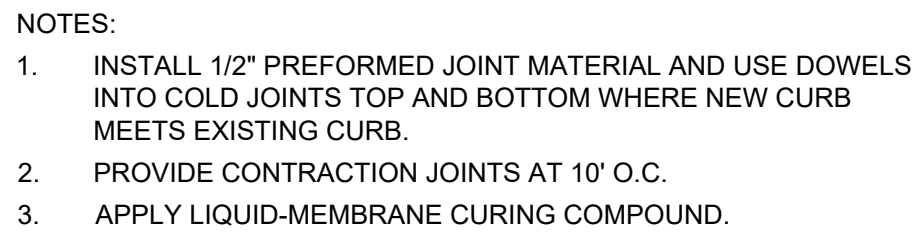
SWP-4

SHEET

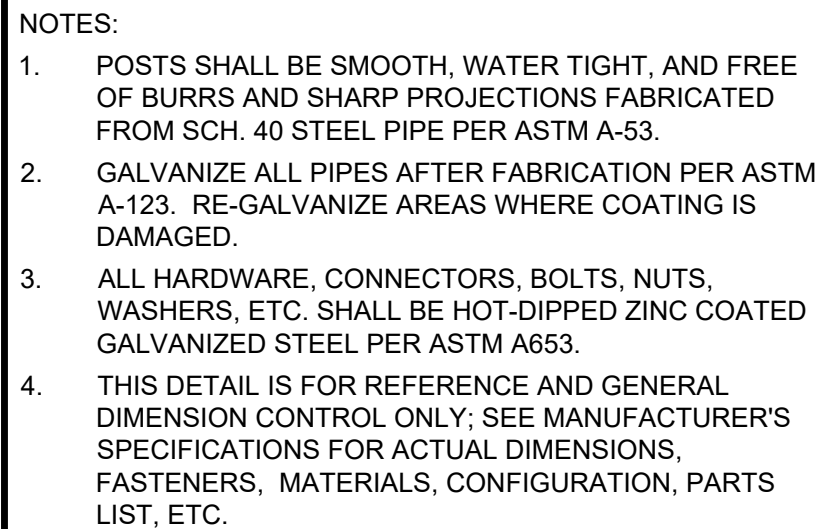
13

OF

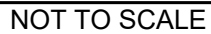
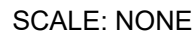
16



SCALE: NONE



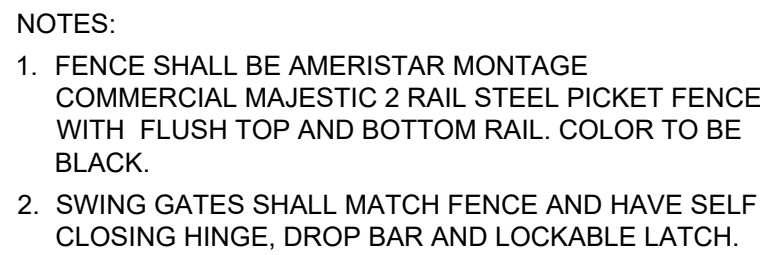
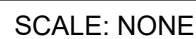
SCALE: NONE



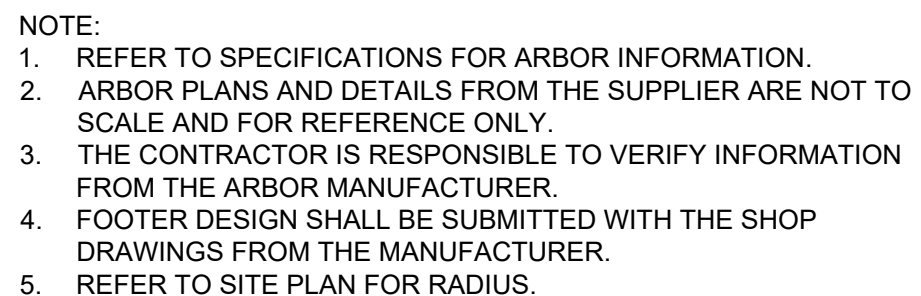
SCALE: NONE



SCALE: NONE



SCALE: NONE



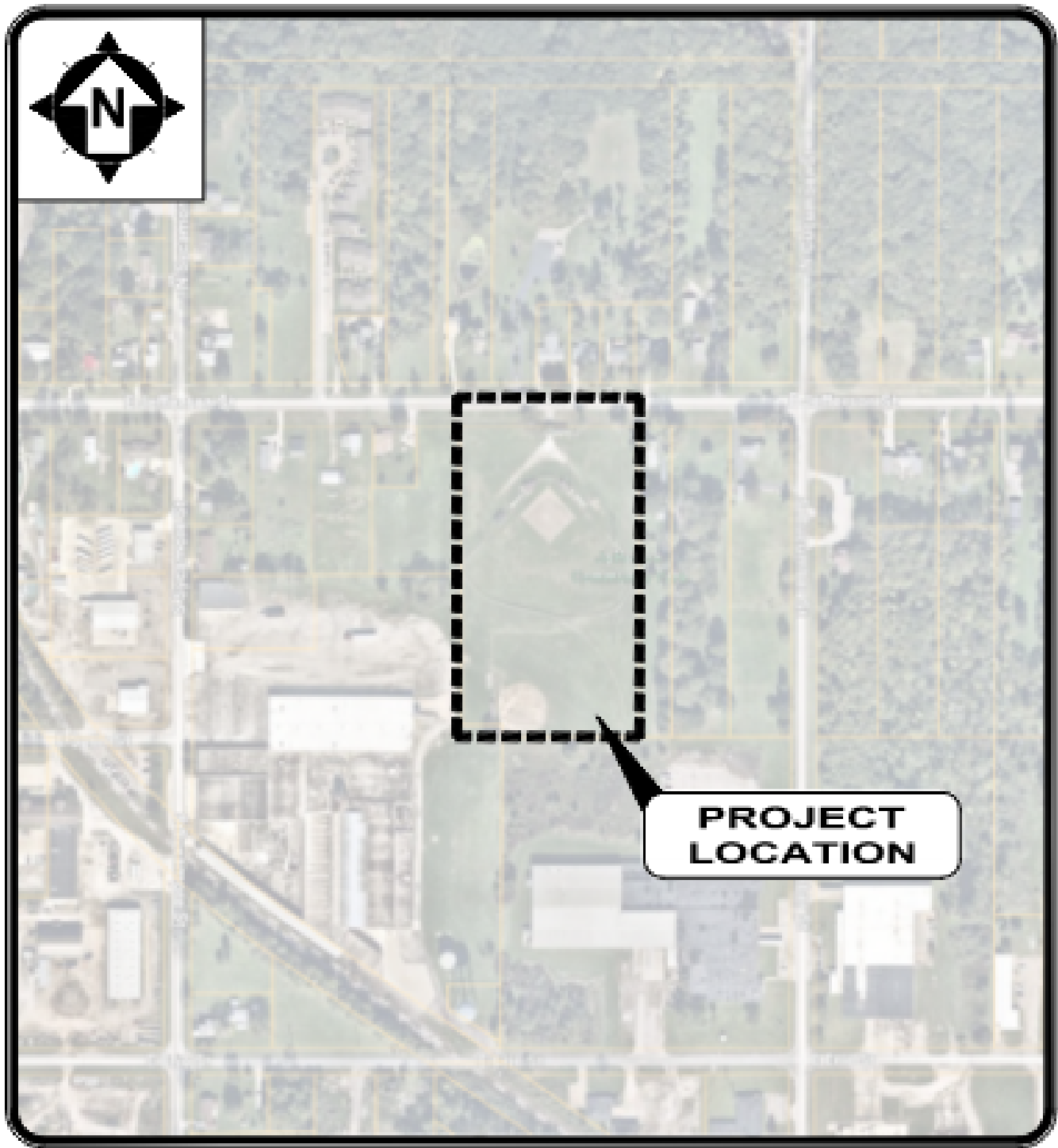
SCALE: NONE



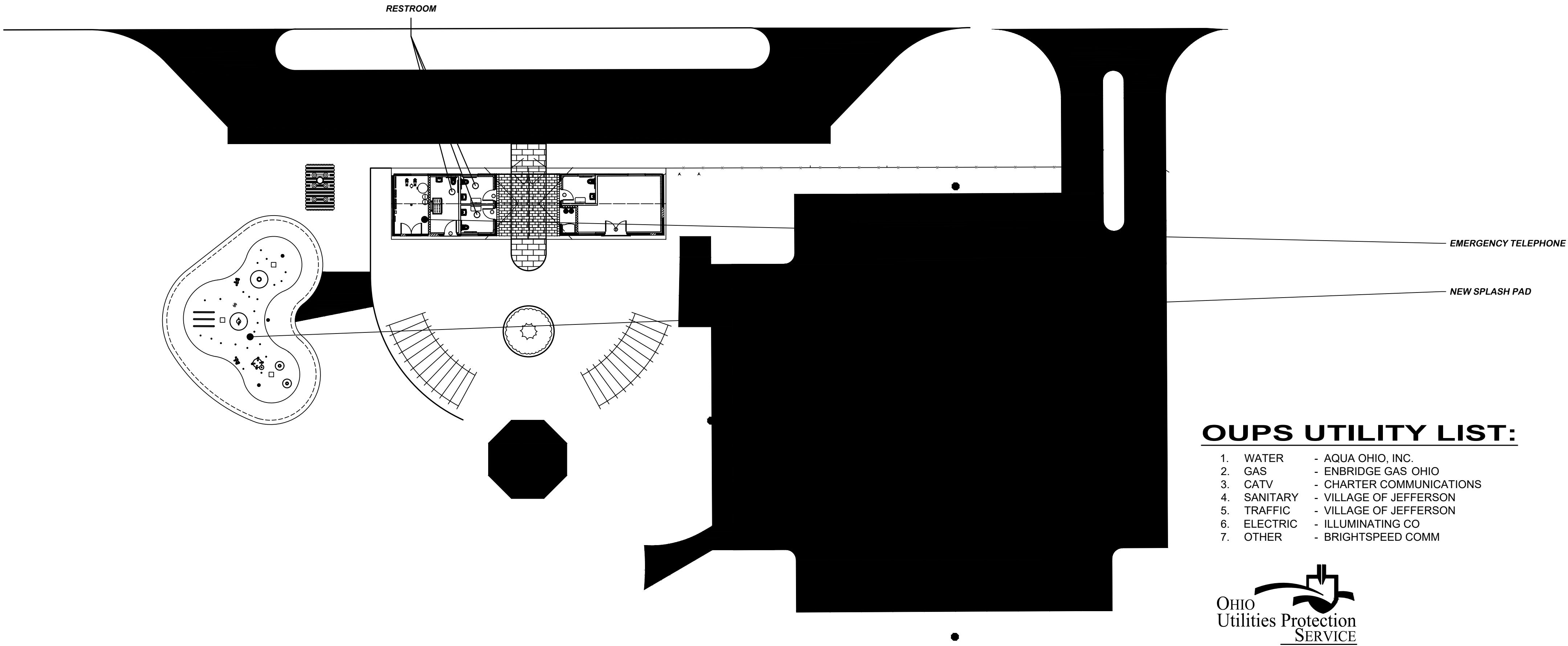
VERDANTAS SPLASH PAD

GENERAL NOTES:

- ALL MECHANICAL EQUIPMENT LOCATIONS ON THESE PLANS ARE FOR GRAPHICAL PURPOSES ONLY. FINAL LOCATIONS FOR MECHANICAL EQUIPMENT, PIPING & CONDUITS, ETC. ARE TO BE DETERMINED IN THE FIELD.
- ALL PLUMBING AND ELECTRICAL WORK TO BE DONE PER LOCAL AND NATIONAL CODES
- WATER VELOCITY NOT TO EXCEED 20 FPS, OR 6.2' IN HEIGHT
- ALL NOZZLE OPENINGS NOT TO EXCEED 5/16"
- MAXIMUM SIZE FOR DRAIN GRATE OPENINGS IS 5/16"
- CLIENT TO PROVIDE SITE READY CONSTRUCTION AREA FREE FROM DEBRIS AND OBSTRUCTIONS
- MINIMUM ELECTRICAL SERVICE FOR PUMP(S), CONTROLLER(S), ACTIVATOR(S), TIMER(S) PROVIDED BY OTHERS AND BROUGHT TO AN ACCESSIBLE LOCATION FOR SPLASH ZONE UTILIZATION
- PIPING AND PIPE FITTINGS TO BE CONSTRUCTED OF SCH 80 PVC AND PASS PRESSURE TEST EQUAL TO 150% OF NORMAL OPERATING PRESSURE
- LICENSED CONTRACTOR TO CONDUCT STATIC HYDRAULIC PRESSURE TEST. LINES SHALL WITHSTAND PRESSURE OF UP TO 25 POUNDS PER SQUARE INCH FOR A MINIMUM OF 30 MINUTES. THE TEST SHALL BE PERFORMED BEFORE ANY CONCRETE IS POURED.
- PIPING SYSTEM SHALL BE IDENTIFIED BY COLOR, STENCILS, OR LABELS LOCATED AT CONSPICUOUS POINTS
- ALL PLASTIC WATER CIRCULATION PIPES, TANKS AND EQUIPMENT TO COMPLY WITH AMERICAN NATIONAL STANDARD/NSF INTERNATIONAL STANDARD NUMBER 14
- BATHING, RESTROOM AND CHANGING FACILITIES MET BY EXISTING ON-SITE FACILITIES
- SPLASH PAD IS DESIGNED FOR DAYTIME USE ONLY; NO ADDITIONAL SITE LIGHTING REQUIRED
- SIGNAGE STATING SPLASH PAD RULES, OPERATIONAL HOURS, AND EMERGENCY CONTACT INFORMATION TO BE POSTED IN PLAIN SIGHT IN LETTERS AT LEAST 2" HIGH ON A CONTRASTING BACKGROUND
- SEE SHEET SP2.3 FOR A COMPLETE LIST OF SUGGESTED SPLASH PAD RULES



LOCATION MAP
NOT TO SCALE



OUPS UTILITY LIST:

- | | |
|-------------|--------------------------|
| 1. WATER | - AQUA OHIO, INC. |
| 2. GAS | - ENBRIDGE GAS OHIO |
| 3. CATV | - CHARTER COMMUNICATIONS |
| 4. SANITARY | - VILLAGE OF JEFFERSON |
| 5. TRAFFIC | - VILLAGE OF JEFFERSON |
| 6. ELECTRIC | - ILLUMINATING CO |
| 7. OTHER | - BRIGHTSPEED COMM |



1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

OUPS TICKET NUMBERS

A507902886 / A507902906

- UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
- THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THEIR EFFORTS WITH THE LISTED OUPS ONE CALL UTILITIES AS WELL AS ANY ENCOUNTERED UTILITIES THAT MAY BE UNLISTED.

SHEET INDEX

SHT#	DESCRIPTION
SP1.0	SHEET INDEX, GENERAL NOTES, AREA MAPS
SP1.1	FEATURE LAYOUT
SP1.2	PLUMBING LAYOUT
SP1.3	DRAINAGE LAYOUT
SP1.4	ELECTRICAL LAYOUT
SP1.5	SPLASH PAD SECTION
SP2.1	DETAILS & SPECS
SP2.2	DETAILS & SPECS
SP2.3	DETAILS & SPECS
SP2.4	DETAILS & SPECS

PROJECT INFORMATION

PAD INFORMATION

- SPLASH PAD SIZE (WET) 916 SQ. FT.
- SPLASH PAD DRY ZONE 1073 SQ. FT.
- TOTAL SPLASH PAD SIZE 1989 SQ. FT.
- SPLASH PAD FINISH BROOM FINISH CONCRETE

MECHANICAL INFORMATION

FEATURE PUMP	MAX. FLOW RATE	ACTIVE FLOW RATE
PENTAIR WHISPERFLO 5HP XF VS	290 GPM	220 GPM

RECIRCULATION INFORMATION (PENTAIR INTELLIFLO VSF 3HP)

- MAX. PUMP FLOW RATE** 180 GPM
- TOTAL FILTER CAPACITY 155 GPM
- CISTERN CAPACITY 2500 GALLONS
- TURNOVER RATE 14 MINUTES

* IN-GROUND FEATURES RUN SEQUENTIALLY. AT ANY GIVEN TIME DURING SPLASH PAD OPERATION, A MAXIMUM OF 25% OF THE IN-GROUND NOZZLES ARE ACTIVE. ABOVE-GROUND FEATURES RUN CONTINUOUSLY THROUGHOUT THE OPERATION OF THE SPLASH PAD, UNLESS OTHERWISE NOTED. BALL VALVES LOCATED ON FEATURE MANIFOLD ARE ADJUSTED TO BALANCE THE PUMP CAPACITIES WITH FEATURE CAPACITIES.

** FLOW CURVES FOR ALL PUMPS LOCATED ON SP2 SHEETS

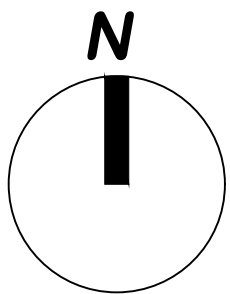
THE SPLASH PAD PLANS HAVE BEEN APPROVED BY THE ODH ON DEC 16, 2025. THE CONTRACTOR IS REQUIRED TO FOLLOW THE PROCEDURES OUTLINED IN THE APPROVAL LETTER FOR INSPECTIONS AND APPROVALS. THE SIGNED APPROVED PLANS WILL BE PROVIDED TO THE SUCCESSFUL SPLASH PAD CONTRACTOR.

Local Health District: Ashtabula County Health Department

Facility Name: Jefferson Community Park Splashpad

Project Number: 9999-POOLP-25-000244

ASHTABULA
COUNTY



AERIAL MAP

SCALE: 1" = 20'

verdantas

ENGINEER'S PROJECT No. 242425

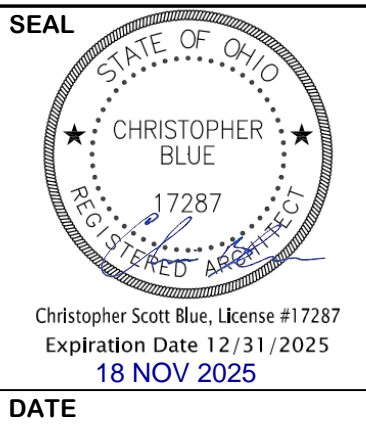
RAIN DECK
SPASH PAD PRODUCT & DESIGN
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

verdantas

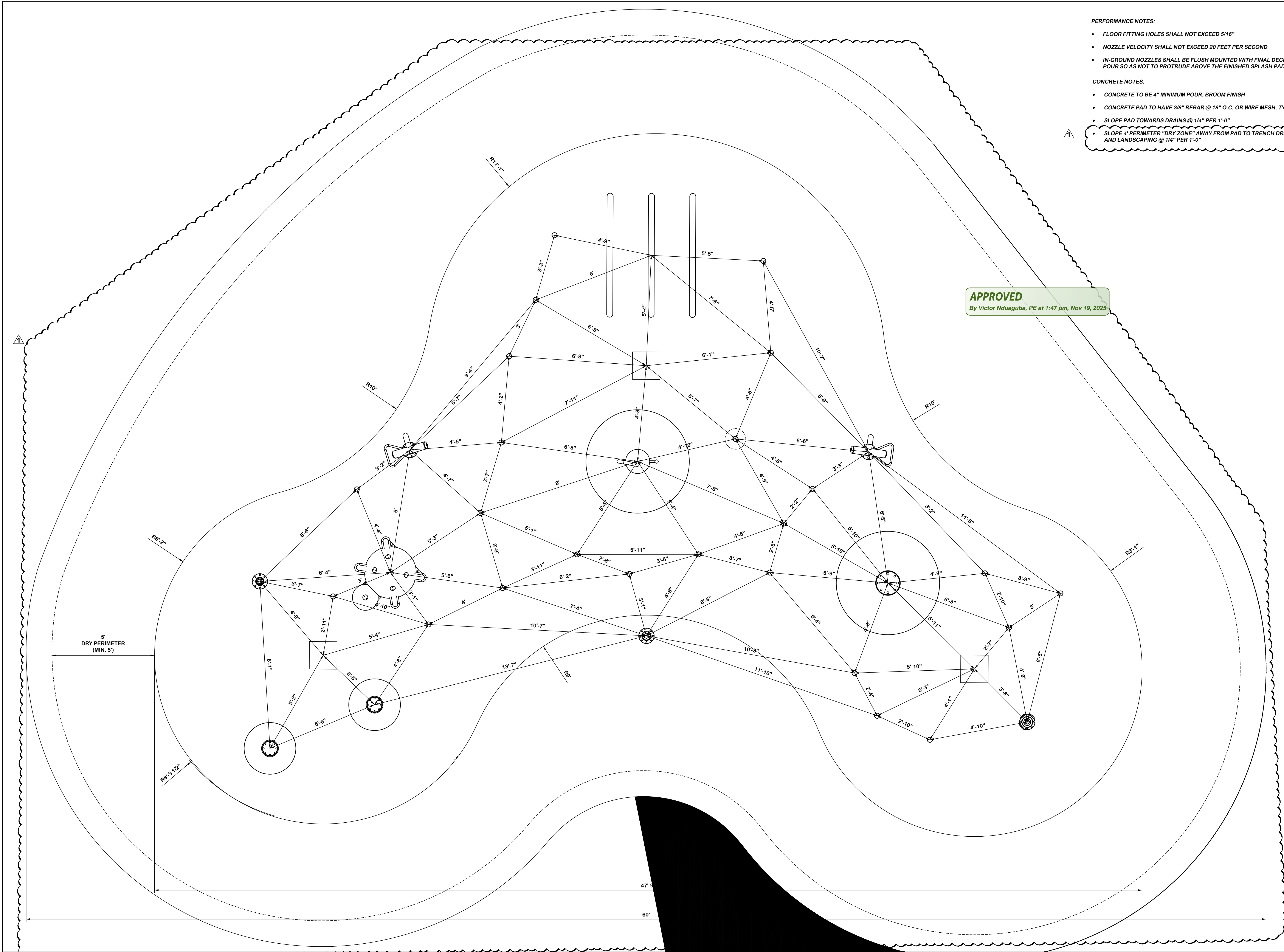
1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
COVER SHEET
SCALE: AS NOTED



DRAWN BY	REVIEWED BY
RS	LB
DATE	MAY, 2025
SHEET	SP1.0
JOB NUMBER	32275



PERFORMANCE NOTES:

- FLOOR FITTING HOLES SHALL NOT EXCEED 5/16"
- NOZZLE VELOCITY SHALL NOT EXCEED 20 FEET PER SECOND
- IN-GROUND NOZZLES SHALL BE FLUSH MOUNTED WITH FINAL DECK POUR SO AS NOT TO PROTRUDE ABOVE THE FINISHED SPLASH PAD

CONCRETE NOTES:

- CONCRETE TO BE 4" MINIMUM POUR, BROOM FINISH
- CONCRETE PAD TO HAVE 3/8" REBAR @ 18" O.C. OR WIRE MESH, TYP.
- SLOPE PAD TOWARDS DRAINS @ 1/4" PER 1'-0"
- SLOPE 4' PERIMETER "DRY ZONE" AWAY FROM PAD TO TRENCH DRAIN AND LANDSCAPING @ 1/4" PER 1'-0"

RAIN DECK

SPASH PAD PRODUCT & DESIGN

20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

verdantas

1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
FEATURE LAYOUT
SCALE: 1/2"=1'-0"

SEAL

STATE OF OHIO

CHRISTOPHER BLUE

17287

REGISTERED PROFESSIONAL

Christopher Scott Blue, License #17287
Expiration Date 12/31/2025
18 NOV 2025

DATE

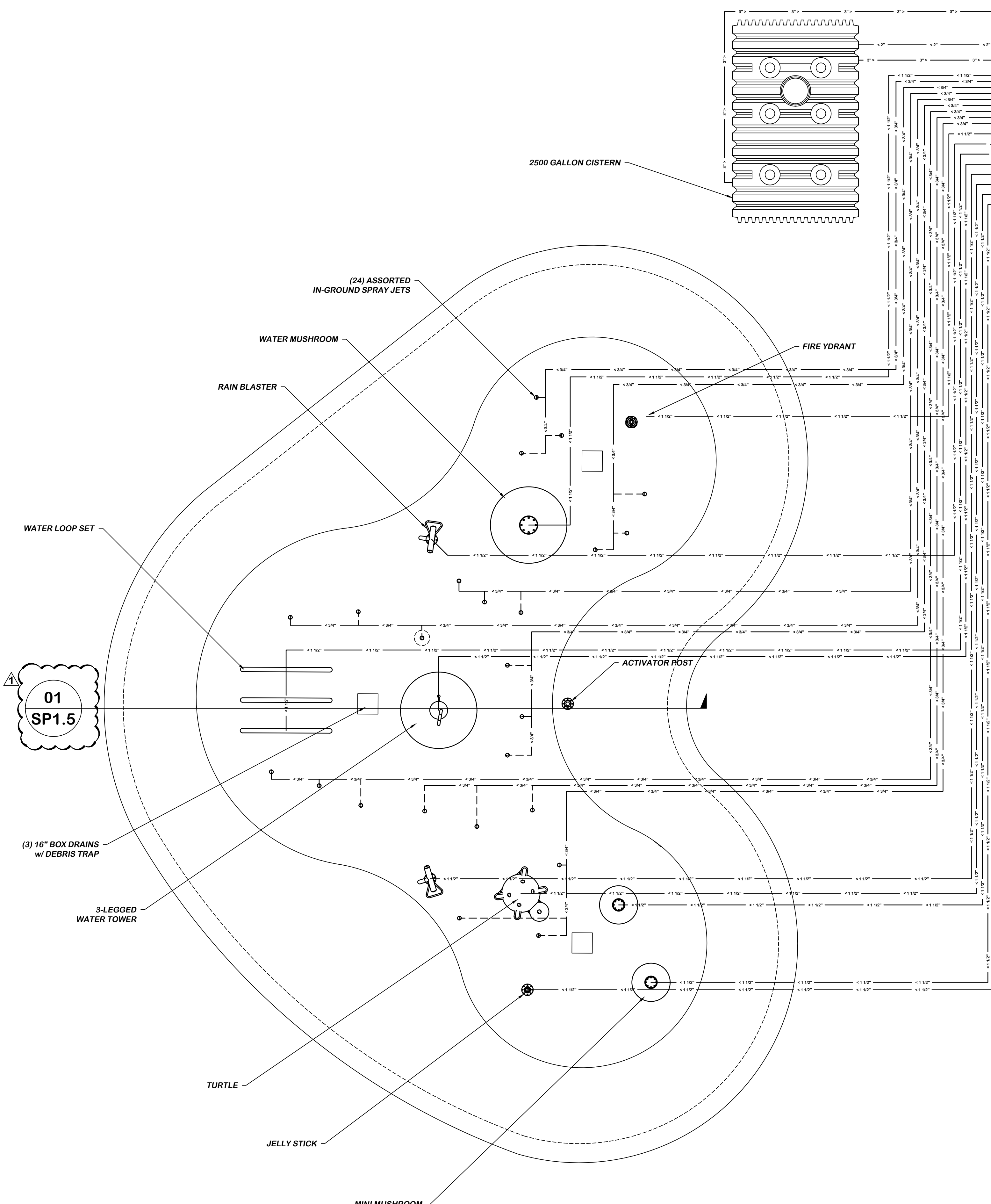
DRAWN BY
RS

REVIEWED BY
LB

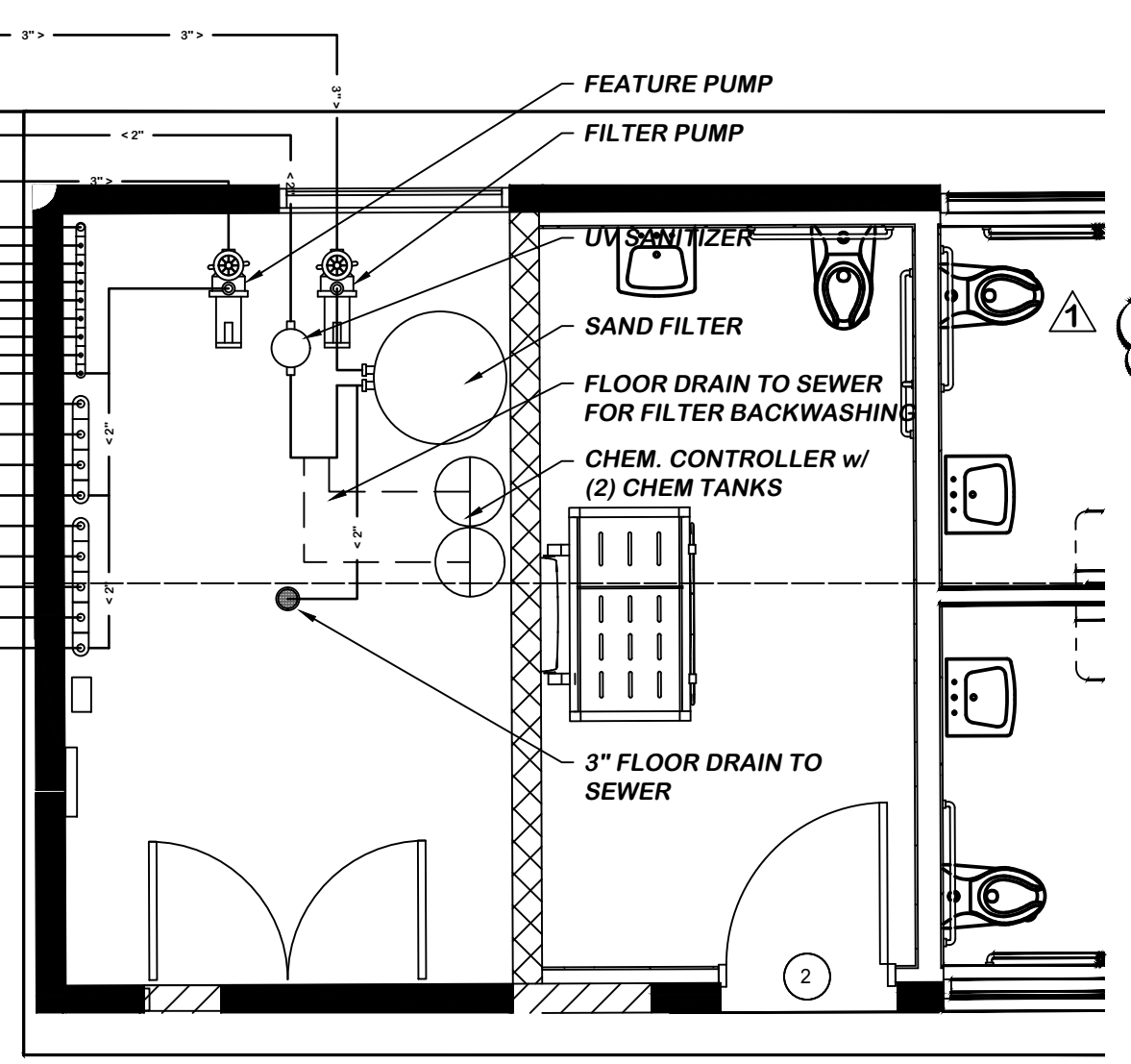
DATE
MAY, 2025

SHEET
SP1.1

JOB NUMBER
32275



APPROVED
By Victor Nduaguba, PE at 1:47 pm, Nov 19, 2025



- PLUMBING NOTES:**
- PIPING AND EQUIPMENT LOCATION IS DIAGRAMMATIC. ACTUAL PLACEMENT OF PIPING AND MECHANICAL EQUIPMENT TO BE DETERMINED IN FIELD
 - SLOPE SPLASH PAD GRADING TOWARDS DRAIN AT A MAXIMUM SLOPE OF 1/4" PER 12"
 - SLOPE PERIMETER WALKWAY AWAY FROM SPLASH PAD AT A MINIMUM SLOPE OF 1/4" PER 1'-0"
 - INSTALLATION OF A BACKFLOW PREVENTER REQUIRED ON WATER SUPPLY LINE AS THE METHOD OF CROSS CONNECTION CONTROL
 - SPECIAL FEATURE SYSTEM SHALL NOT OPERATE WHEN CIRCULATION SYSTEM IS NOT OPERATING

JEFFERSON COMMUNITY PARK SPRAYGROUND VELOCITY CALCULATIONS						
FEATURE NUMBER	FEATURE	NOZZLE SIZE (in)	NOZZLE AREA (sq in)	NOZZLE QUANTITY	TOTAL COMBINED NOZZLE AREA (sq in)	CALCULATED VELOCITY
RDS304-0 SS	MINI MUSHROOM 30" DIA	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
RDS356-0	JELLY STICK	0.125	1.9875000	1	1.98750000	2.24
RDS327-0	SS FIRE HYDRANT	0.085	0.0737000	4	0.29480000	18.90
-	UNIVERSAL HOUSING/INTERCHANGEABLE NOZZLES (WORSE CASE LISTED OF 12 TYPES)	0.180	0.0254500	6	0.15270000	16.05
RDS355-1 - SS	3-LEG TOWER BUCKET	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
RDS303-0 SS	60" WATER MUSHROOM	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
RDS347-0 SS	RAIN BLASTER	0.085	0.0737000	1	0.07370000	6.00
RDS342-0 SS	WATER LOOP SET	0.631 x .1315	0.0088000	15	0.08700000	21.45
RDG300-0	TURTLE	0.631 x .1315	0.0088000	10	0.05800000	7.15
RDS550-0	SoF-TOUCH ACTIVATOR	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
-	16" BOX DRAINS w/ DEBRIS TRAP	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

NOTE: ALL FEATURES NOZZLE DISCHARGE VELOCITY HAVE BEEN CALCULATED AND IS LESS THAN 20 FEET PER SECOND IN PURSUANT TO MAKENNA'S LAW.

FLOW RATE & VELOCITY WARNING:

- IT IS NOT RECOMMENDED TO EXCEED THE MANUFACTURER'S DESIGNED GALLONS PER MINUTE (GPM) FLOW RATE AND PIPE VELOCITY SPECIFICATIONS. DOING SO MAY VIOLATE BEST ENGINEERING PRACTICES AND POTENTIALLY CONTRIBUTE TO HAZARDOUS CONDITIONS AS OUTLINED IN MAKENNA'S LAW. ADHERING TO MANUFACTURER SPECIFICATIONS HELPS ENSURE SAFETY AND COMPLIANCE WITH APPLICABLE HEALTH AND SAFETY REGULATIONS.

FEATURE	NAME	QTY	FLOW RATE	TOTAL
RDS304-0	MINI MUSHROOM 30" DIA	2	20.0	40.0
RDS356-0	JELLY STICK	1	20.0	20.0
RDS327-0	FIRE HYDRANT	1	25.0	25.0
-	UNIVERSAL HOUSING/INTERCHANGEABLE NOZZLES	12	11.0	132.0
RDS355-1	3-LEG TOWER BUCKET	1	120.0	120.0
RDS303-0	60" WATER MUSHROOM	1	90.0	90.0
RDS347-0	RAIN BLASTER	2	6.0	12.0
RDS342-0	WATER LOOP SET	1	21.5	21.5
RDG300-0	TURTLE	1	7.2	7.2
TOTAL		22		467.7
467.7 GPM X 5 = 2,338.5 GALLONS MINIMUM HOLDING TANK REQUIRED 2,500 GALLON HOLDING PROVIDED				



RAIN DECK
SPASHPAD PRODUCT & DESIGN

20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com



verdantas

1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508


REV.	DATE	BY	DESCRIPTION	
			RESPONSE TO CITY	COMMENTS
1	09/30/2025	RS		
2				
3				
4				
5				

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST

PLUMBING LAYOUT

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

SEAL



Christopher Scott Blue, License #17287
Expiration Date 12/31/2025
18 NOV 2025

DATE

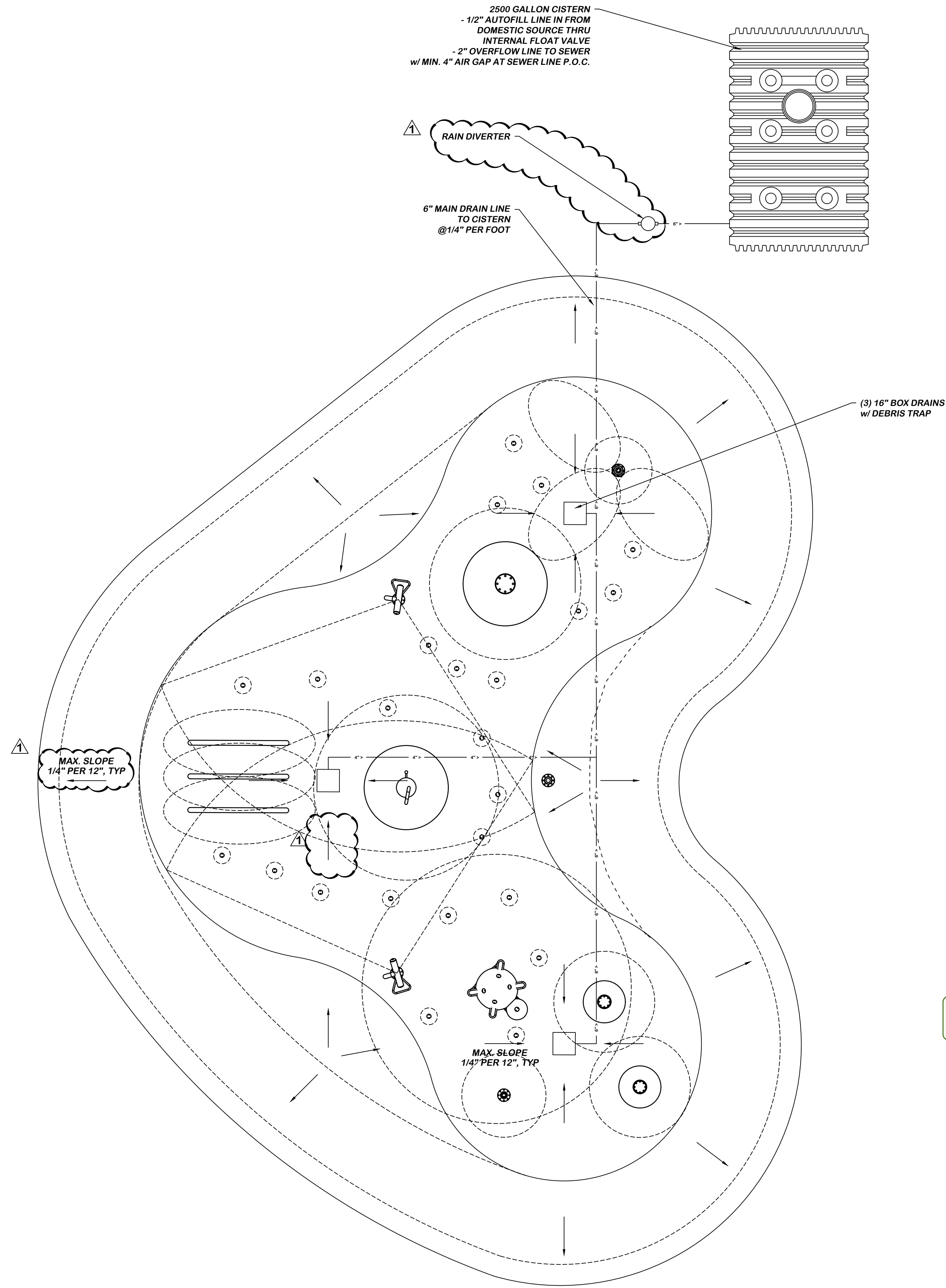
DRAWN BY
RS

REVIEWED BY
LB

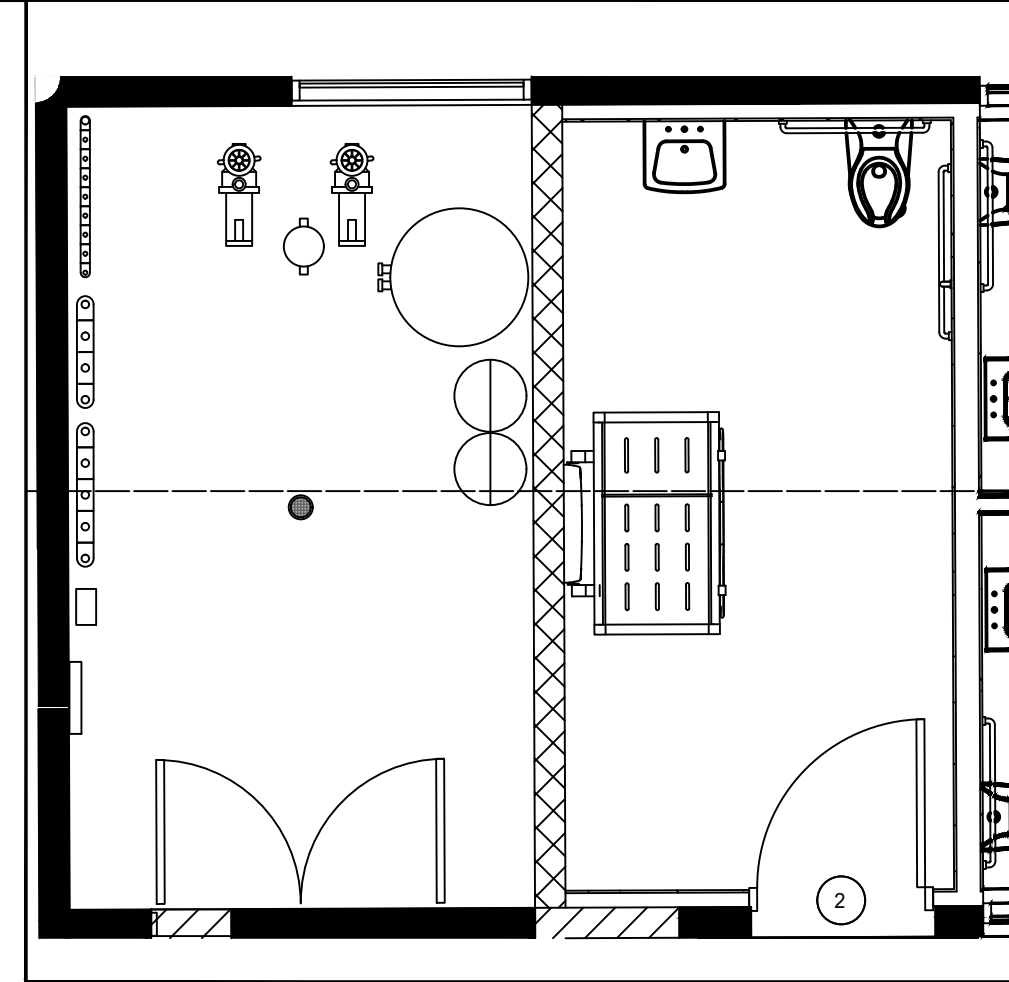
DATE
MAY, 2025

SHEET
SP1.2

JOB NUMBER
32275



APPROVED
By Victor Nduaguba, PE at 1:47 pm, Nov 19, 2025



- DRAINAGE NOTES:**
- DRAIN LINES SLOPE @ 1/4" PER 1'-0" TO TANK
 - SLOPE 2" OVERFLOW LINE FROM TANK TO RETENTION AREA @ 1/4" PER 1'-0"
 - MINIMUM 4" AIR GAP REQUIRED ON OVERFLOW LINE AT RETENTION AREA
 - EXPOSED END OF 2" OVERFLOW LINE TO BE HOUSED IN AN IRRIGATION BOX TO AVOID DAMAGE

RAIN DECK
SPASHPAD PRODUCT & DESIGN

20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

verdantas

1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST

DRAINAGE LAYOUT

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

SEAL

STATE OF OHIO
CHRISTOPHER BLUE
17287
REGISTERED PROFESSIONAL ENGINEER

Christopher Scott Blue, License #17287
Expiration Date 12/31/2025
18 NOV 2025

DATE

DRAWN BY
RS

REVIEWED BY
LB

DATE
MAY, 2025

SHEET
SP1.3

JOB NUMBER
32275

BONDING NOTES

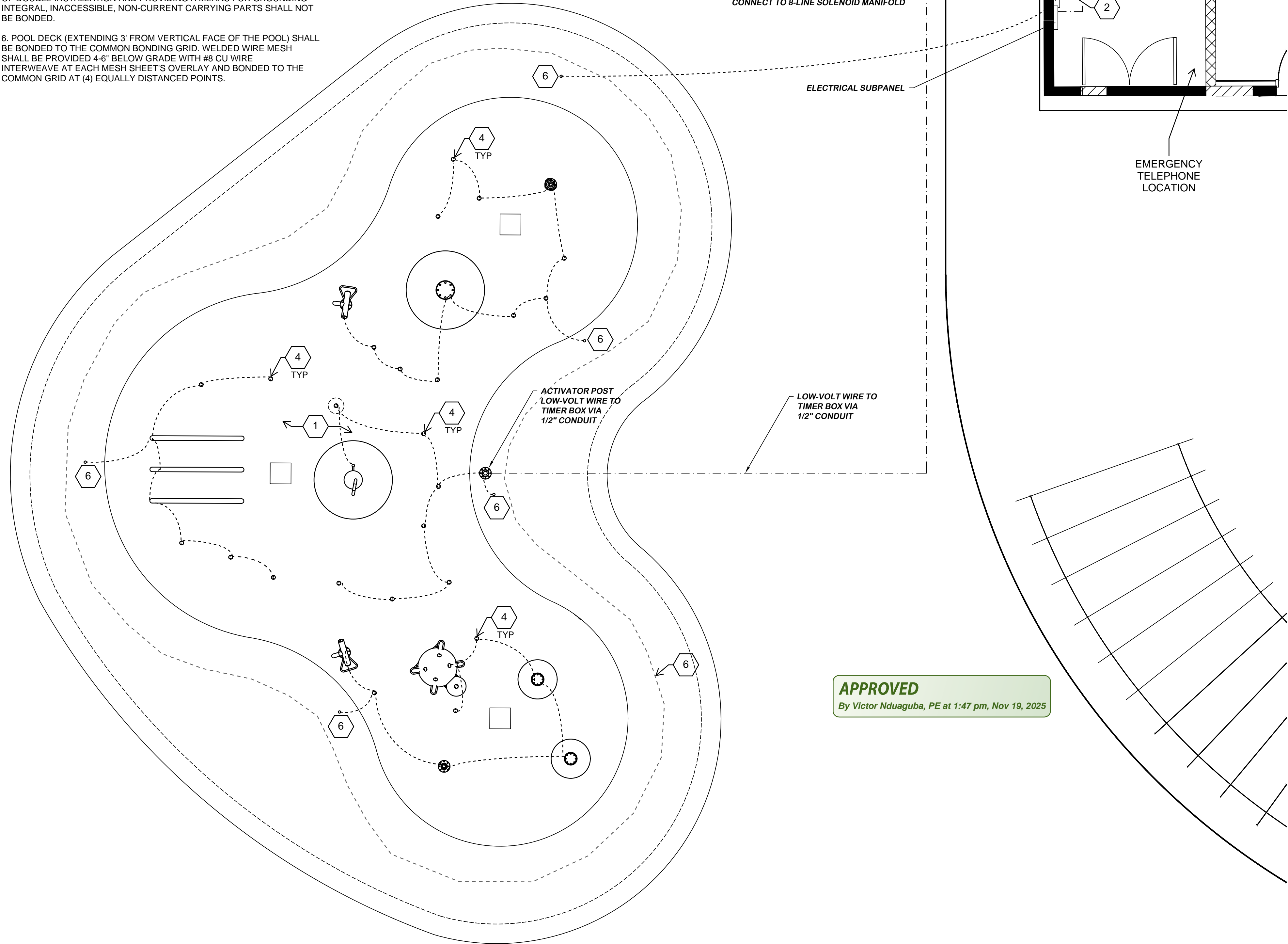
- A. THE EQUIPOTENTIAL BONDING GRID SHALL CONSIST OF THE STRUTURAL REINFORCING STEEL OR METAL STRUCTURE OF THE POOL BASINS AND THE STRUCTURAL REINFORCING STEEL OF THE SURROUNDING DECK. THE REINFORCING STEEL SHALL CONSIST OF REBAR 12" OC AND SHALL BE BONDED TOGETHER BY THE STEEL TIE WIRES.
- B. PROVIDE #8AWG MINIMUM CONNECTIONS BETWEEN ANY REINFORCING STEEL GRIDS THAT ARE NOT TIED TO OTHER REINFOCING STEEL GRIDS. CONNECTIONS SHALL BE MADE USING EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS, OR LISTED CLAMPS.
- C. ALL OF THE POOL STRUCTURE'S METALLIC PARTS, INCULDING THE REINFORCING METAL DECK OF THE POOL SHELL, COPING STONES, AND THE POOL DECK, SHALL BE BONDED. THE USUAL STEEL TIE WIRES ARE SUITABLE FOR BONDING THE REINFORCING STEEL TOGETHER WITHOUT THE NEED FOR ANY WELDING OR SPECIAL CLAMPING. THESE TIE WIRES MUST BE MADE TIGHT. THE TIE WIRES ARE NOT SUITABLE FOR CONNECTION OF BONDING CONDUCTORS TO THE REINFORCING STEEL.
- D. ALL PARTS SHOWN SHALL BE BONDED TOGETHER AND CONNECTED TO A COMMON BONDING GRID WITH #8AWG COPPER CONDUCTORS IN ACCORDANCE WITH NEC 880. ALL BONDING CONNECTIONS SHALL BE MADE WITH UL LISTED CONNECTORS OR CLAMPS.

1. THE COMMON BONDING GRID SHALL BE ONE OF THE FOLLOWING:
- a. THE STRUCTURAL REINFORCING STEEL OF A CONCRETE POOL WHERE THE RODS ARE BONDED TOGETHER.
 - b. THE WALL OF A BOLTED OR WELDED METAL POOL.
 - c. BRASS RMC, IMC, OR OTHER CORROSION RESISTANT METAL

E. METAL SHEATHED CABLES/RACEWAYS, METAL PIPING, AND ALL FIXED METAL PARTS THAT ARE NOT SEPARATED FROM THE POOL BY A PERMANENT BARRIER AND ARE LOCATED WITHIN 5' HORIZONTALLY OF THE WALL OF THE POOL AND 12" VERTICALLY OF THE MAXIMUM WATER LEVEL OF THE POOL SHALL BE BONDED.

PLAN KEYNOTES

1. ALL POOL STRUCTURE METALLIC PARTS, INCLUDING THE REINFORCING DECK OF THE POOL SHELL, COPING STONES, AND POOL DECK, SHALL BE BONDED. STEEL TIE WIRES ARE SUITABLE FOR BONDING THE REINFORCING STEEL TOGETHER WITHOUT THE NEED FOR WELDING OR SPECIAL CLAMPING. TIE WIRES MUST BE MADE TIGHT. TIE WIRES ARE NOT SUITABLE FOR CONNECTION OF BONDING CONDUCTORS TO THE REINFORCING STEEL.
2. BONDING WIRE TERMINATES AT MOTOR GROUNDING CONNECTION AND DOES NOT HAVE TO BE EXTENDED TO ANY REMOTE PANELBOARD OR SERVICE EQUIPMENT.
3. ALL DIVING STRUCTURES, OBSERVATION STANDS, TOWERS, OR PLATFORMS NOT SEPARATED FROM THE POOL BY A PERMANENT BARRIER SHALL BE BONDED.
4. ALL METAL FITTINGS WITHIN OR ATTACHED TO THE POOL STRUCTURE SHALL BE BONDED.
5. ALL METAL PARTS OF THE POOL WATER CIRCULATING SYSTEM, PUMP MOTORS, HEATERS, AND FILTRATION UNITS, SHALL BE BONDED. POOL EQUIPMENT MUST BE BONDED TO THE COMMON BONDING GRID REGARDLESS OF DISTANCE AND/OR LOCATION TO THE POOL. METAL PARTS OF LISTED EQUIPMENT INCORPORATING AN APPROVED SYSTEM OF DOUBLE INSTALLATION AND PROVIDING A MEANS FOR GROUNDING INTEGRAL, INACCESSIBLE, NON-CURRENT CARRYING PARTS SHALL NOT BE BONDED.
6. POOL DECK (EXTENDING 3' FROM VERTICAL FACE OF THE POOL) SHALL BE BONDED TO THE COMMON BONDING GRID. WELDED WIRE MESH SHALL BE PROVIDED 4'-6" BELOW GRADE WITH #8 CU WIRE INTERWEAVE AT EACH MESH SHEET'S OVERLAY AND BONDED TO THE COMMON GRID AT (4) EQUALLY DISTANCED POINTS.



APPROVED

By Victor Nduaguba, PE at 1:47 pm, Nov 19, 2025

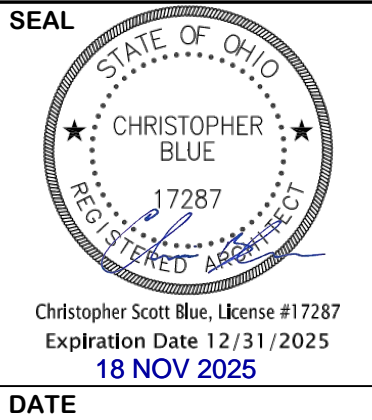
SPLASH PAD EQUIPMENT TO CONNECT TO SPLASH PAD ELECTRICAL PANEL. SEE SINGLE LINE DIAGRAM, SHEET SP2.2

RAIN DECK
SPASH PAD PRODUCT & DESIGN
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

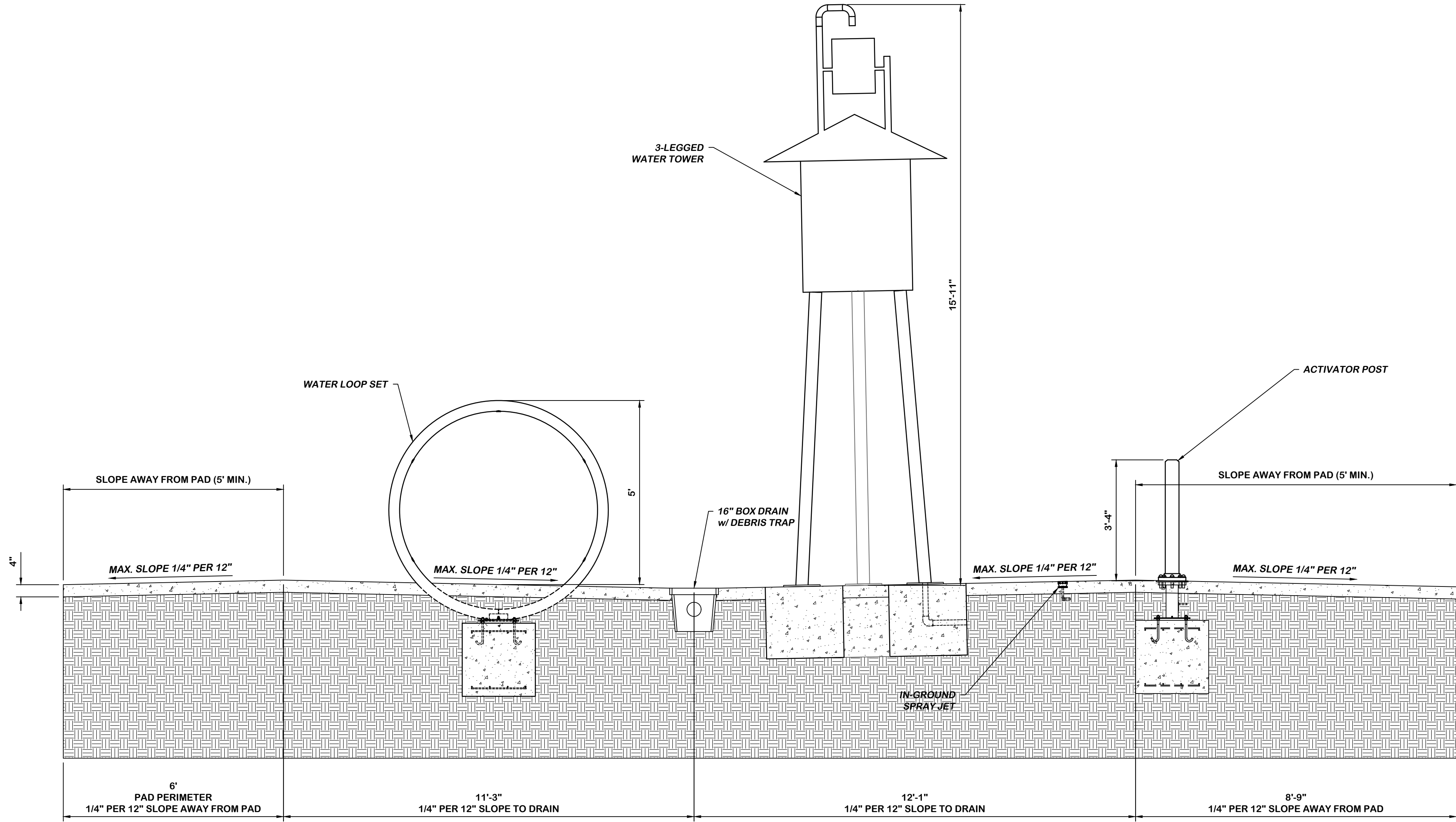
verdantas
1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DESCRIPTION	BY	DATE
1	RESPONSE TO CITY COMMENTS	RS	09/30/2025
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
ELECTRICAL LAYOUT
SCALE: 1/4"=1'-0"



DRAWN BY	REVIEWED BY
RS	LB
DATE	MAY, 2025
SHEET	SP1.4
JOB NUMBER	32275



01 PAD SECTION



RAIN DECK
SPASH PAD PRODUCT & DESIGN

20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com



verdantas

1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DESCRIPTION	BY	DATE
1	RESPONSE TO CITY COMMENTS	RS	09/30/2025
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST

SECTIONS

SCALE: 1/2"=1'-0"

SEAL



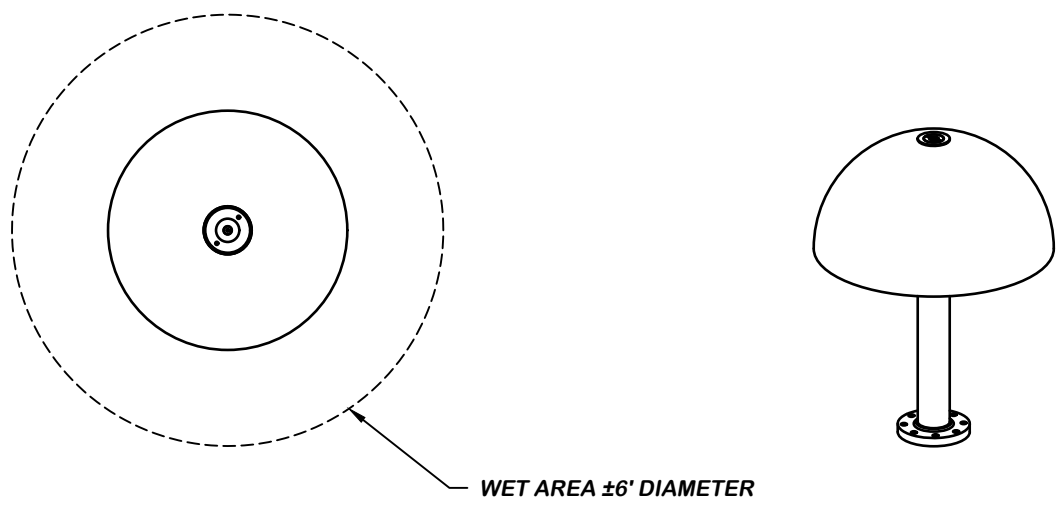
DRAWN BY
RS

REVIEWED BY
LB

DATE
MAY 2025

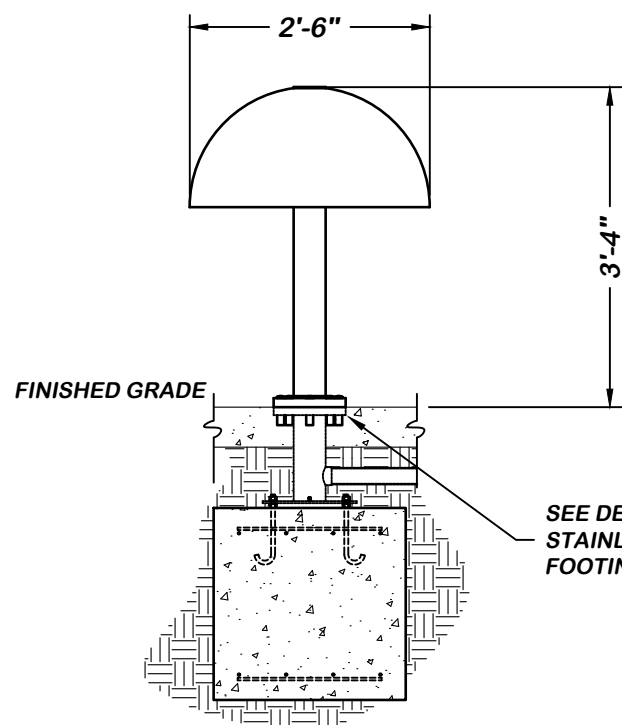
SHEET
SP1.5

JOB NUMBER
32275



TOP VIEW

SCALE
N.T.S.



FRONT VIEW

RDS304-0 SS MINI MUSHROOM 30" DIA.

SCALE: 1/2"=1'-0"

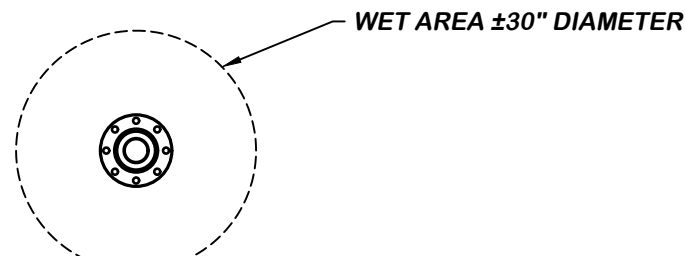
SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT
- WATER PRESSURE: MIN. 3 PSI
- WATER CONSUMPTION: 5-20 GPM

FIBERGLASS CANOPY
AVAILABLE IN 30" DIA.

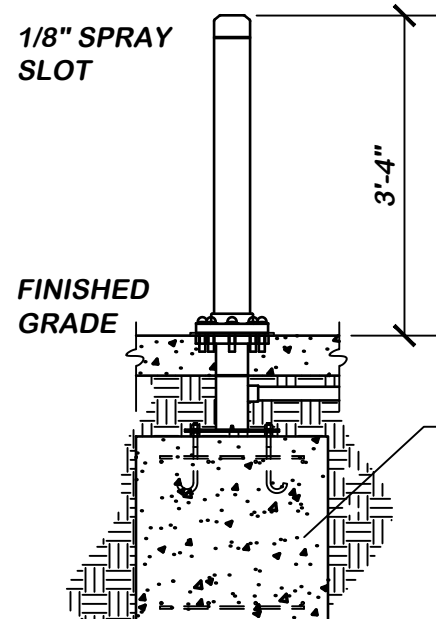
SS MINI MUSHROOM
30" DIA
RDS304-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0



TOP VIEW

SCALE
N.T.S.



FRONT VIEW

RDS356-0 JELLY STICK

SCALE: 1/2"=1'-0"

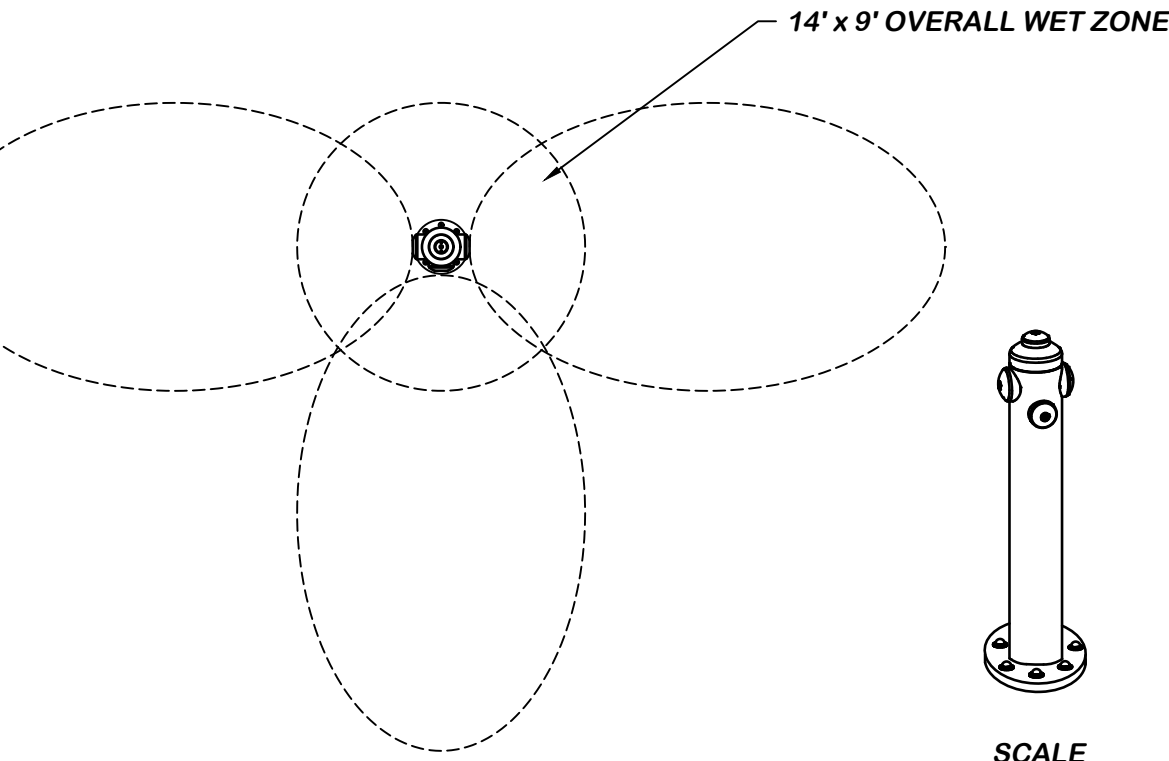
SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT
- WATER PRESSURE: MIN. 5 PSI
- WATER CONSUMPTION: 5-20 GPM

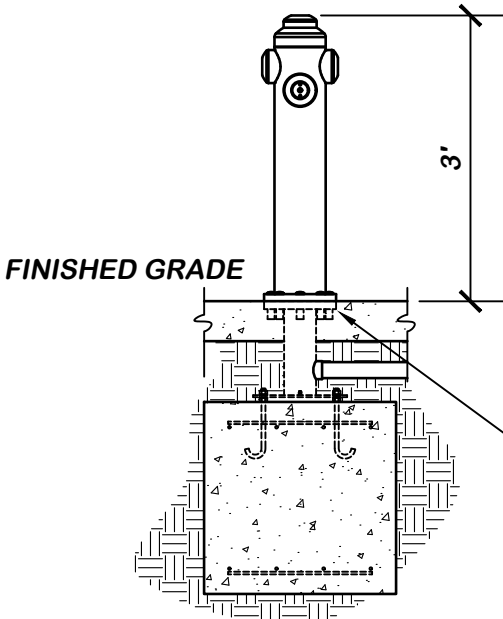
JELLY STICK
RDS356-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0

SCALE
1/2"=1'-0"



SCALE
N.T.S.



FRONT VIEW

RDS327-0 SS FIRE HYDRANT

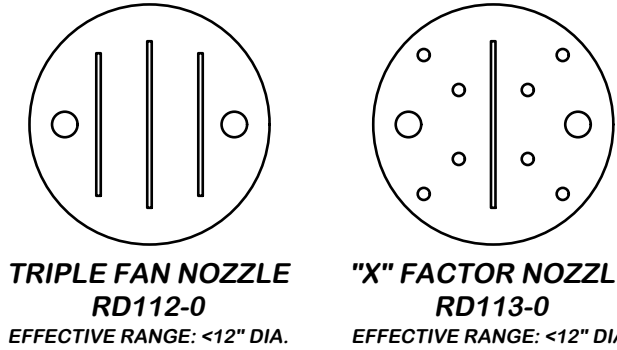
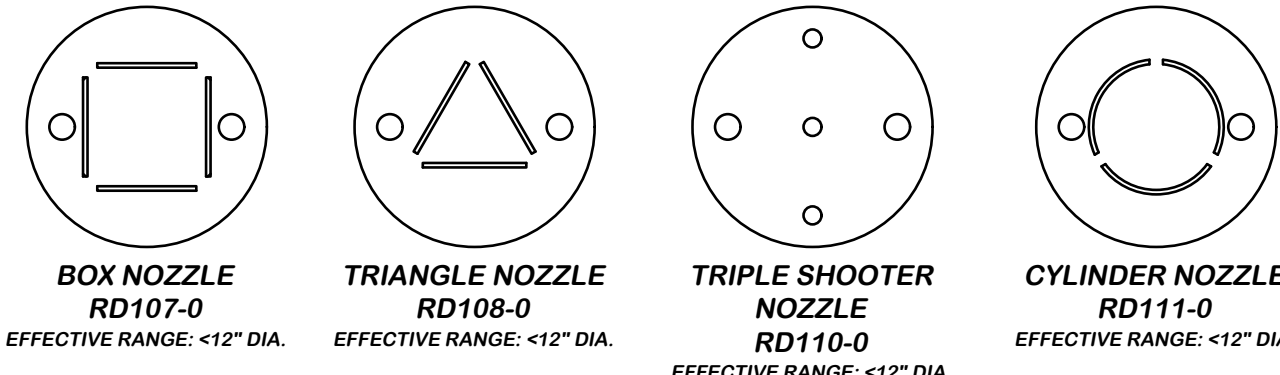
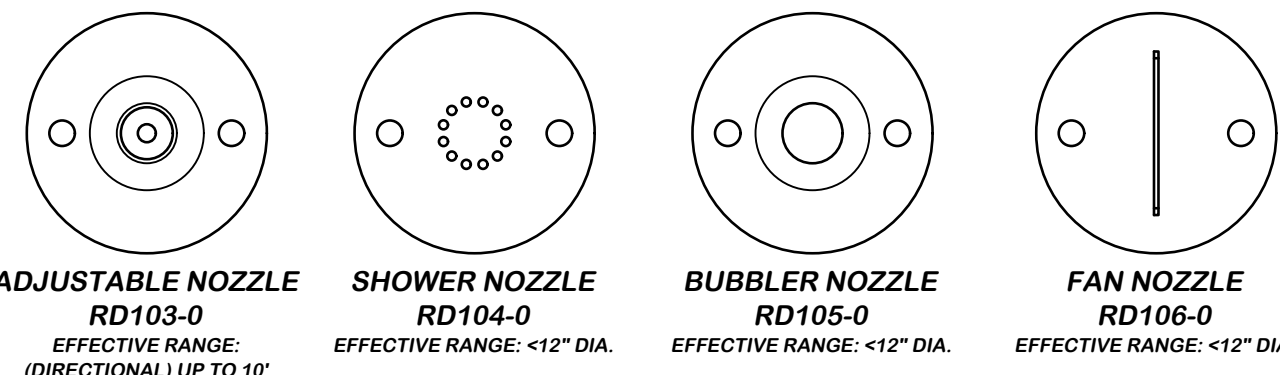
SCALE: 1/2"=1'-0"

SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER PAINT
- WATER PRESSURE: 15 PSI
- WATER CONSUMPTION: 25 GPM

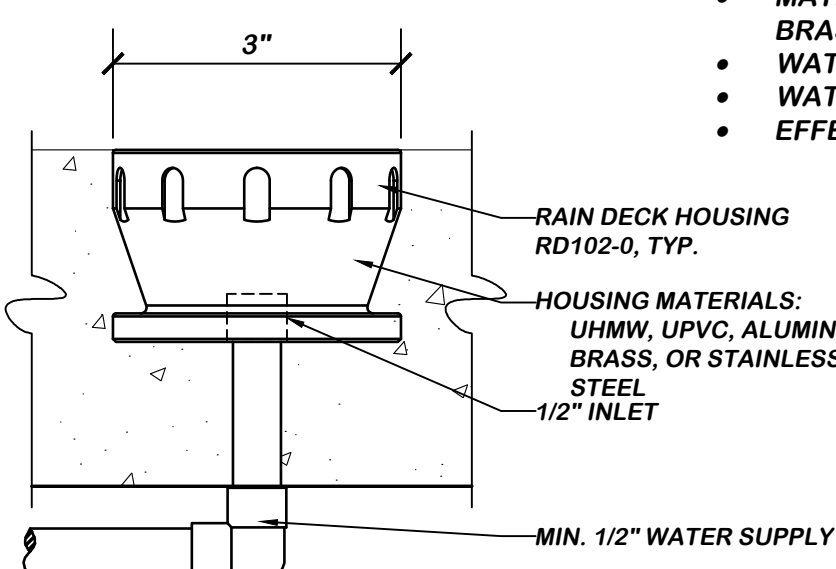
SS FIRE HYDRANT
RDS327-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0



2 1/2", TYP.

TYPICAL NOZZLE
TOP VIEW



FRONT VIEW

UNIVERSAL HOUSING/INTERCHANGEABLE NOZZLES

SCALE: 6"=1'-0"

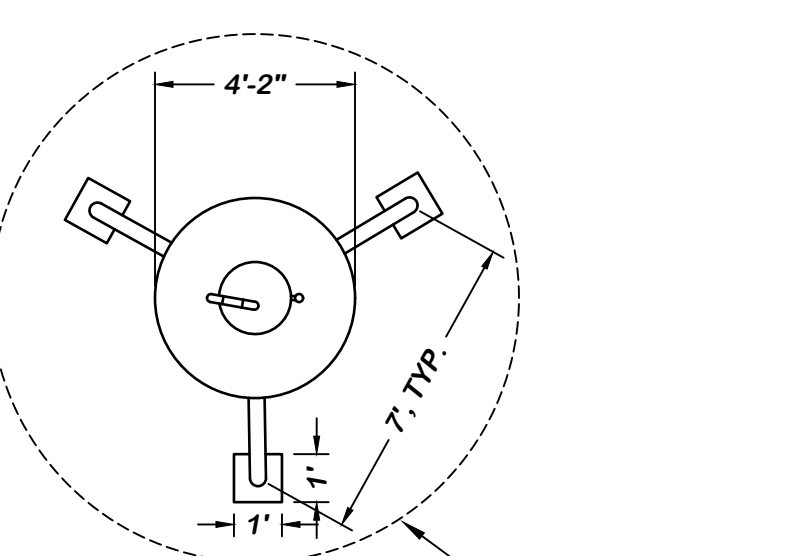
- NOZZLE SPECIFICATIONS:**
- MATERIALS: DELRIN, ALUMINUM, BRASS, OR STAINLESS STEEL
 - WATER PRESSURE: 3 - 5 PSI
 - WATER CONSUMPTION: 2-11 GPM
 - EFFECTIVE RANGE: AS NOTED

RAIN DECK HOUSING
RD102-0, TYP.

HOUSING MATERIALS:
UHMW, UPVC, ALUMINUM,
BRASS, OR STAINLESS
STEEL

1/2" INLET

MIN. 1/2" WATER SUPPLY

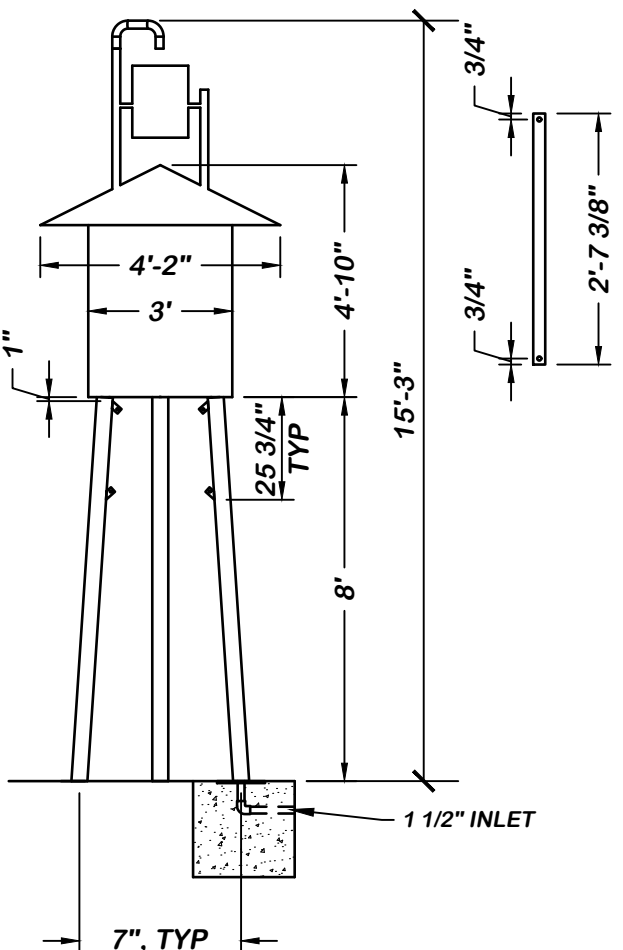


TOP VIEW

WET AREA ±11" DIAMETER

84"

SCALE
N.T.S.



FRONT VIEW

RDS355-1 - SS 3-LEG TOWER BUCKET

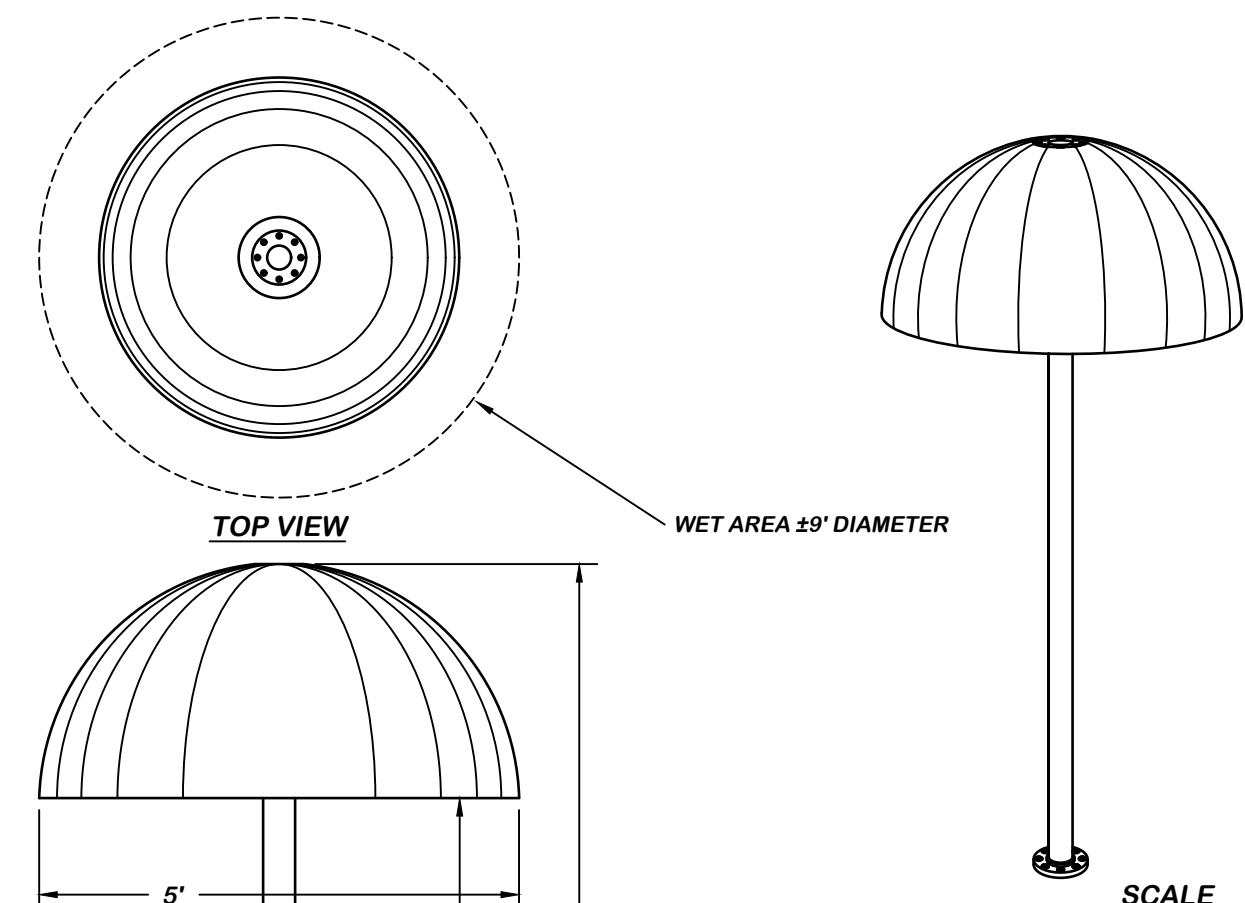
SCALE: 1/4"=1'-0"

SPECIFICATIONS:

- MATERIALS: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT
- WATER PRESSURE: 30 PSI
- WATER CONSUMPTION: 30 - 120 GPM

SS 3- LEG TOWER BUCKET
RDS355-1

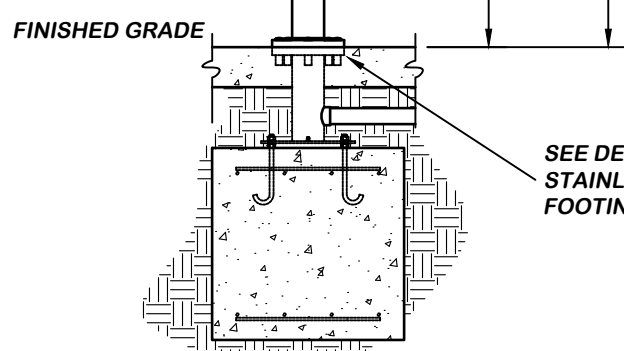
1 1/2" INLET



TOP VIEW

WET AREA ±9" DIAMETER

SCALE
N.T.S.



FRONT VIEW

RDS303-0 SS 60" WATER MUSHROOM

SCALE: 1/2"=1'-0"

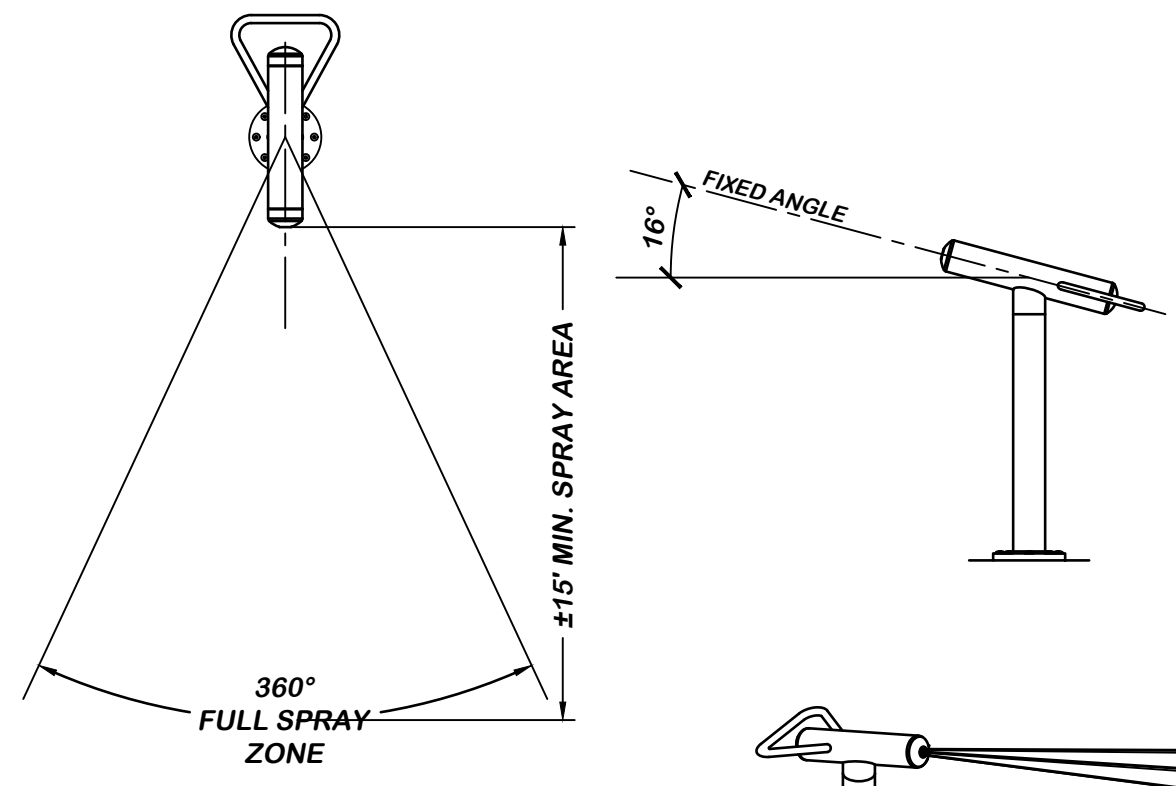
SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT
- WATER PRESSURE: MIN. 5 PSI
- WATER CONSUMPTION: 10-90 GPM

FIBERGLASS CANOPY
AVAILABLE IN 40" AND 60" DIA.

SS 60" WATER
MUSHROOM
RDS303-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0



FRONT VIEW

RDS347-0 SS RAIN BLASTER

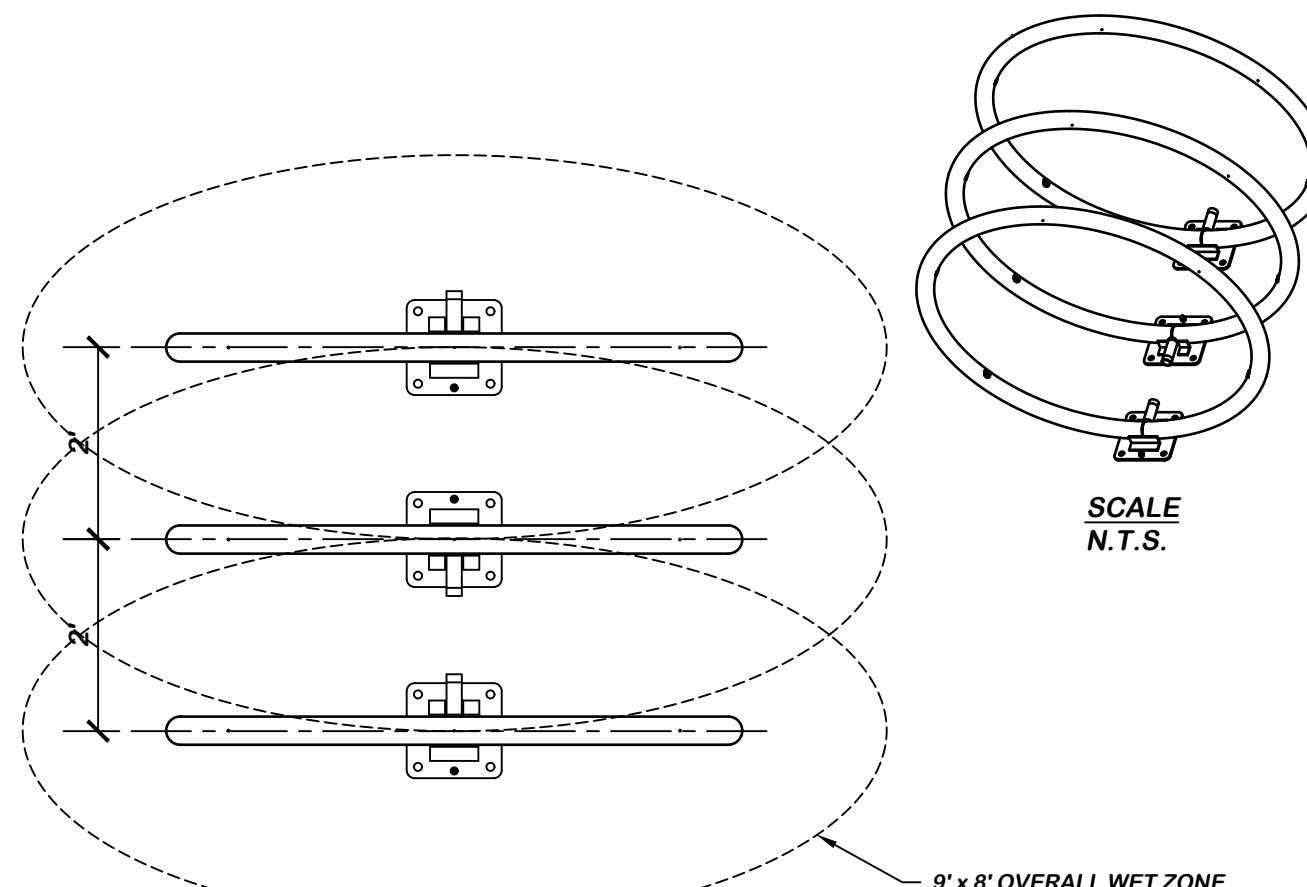
SCALE: 1/2"=1'-0"

SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT OR POLISHED SURFACE
- WATER PRESSURE: MIN. 5 PSI
- WATER CONSUMPTION: 5-15 GPM
- WET AREA: ±6' - 8' DIRECTIONAL

SS RAIN BLASTER
RDS347-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0



FRONT VIEW

RDS342-0 SS WATER LOOP SET

SCALE: 1/2"=1'-0"

SPECIFICATIONS:

- MATERIAL: STAINLESS STEEL
- SURFACE FINISH: POWDER COAT
- WATER PRESSURE: MIN. 10 PSI
- WATER CONSUMPTION: 20-25 GPM

SS WATER LOOP SET
RDS342-0

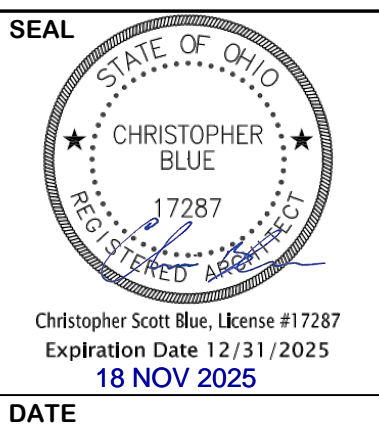
SEE RAIN DECK
FOOTING DETAIL RDS398-0

RAIN DECK
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

verdantas
1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
DETAILS & SPECS
SCALE: AS NOTED

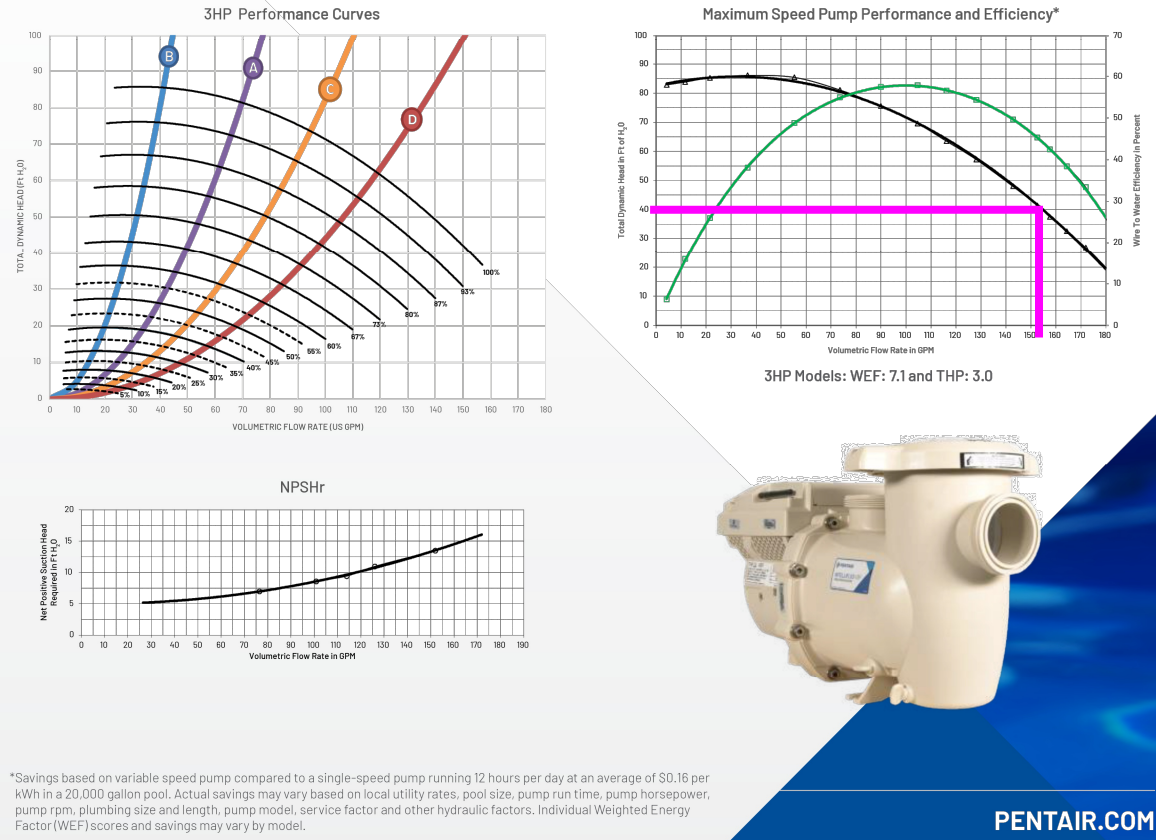


DRAWN BY	REVIEWED BY
RS	LB
DATE	MAY, 2025
SHEET	SP2.1
JOB NUMBER	32275

IntelliFlo3™
VARIABLE SPEED AND FLOW POOL PUMP
SPECIFICATION SHEET

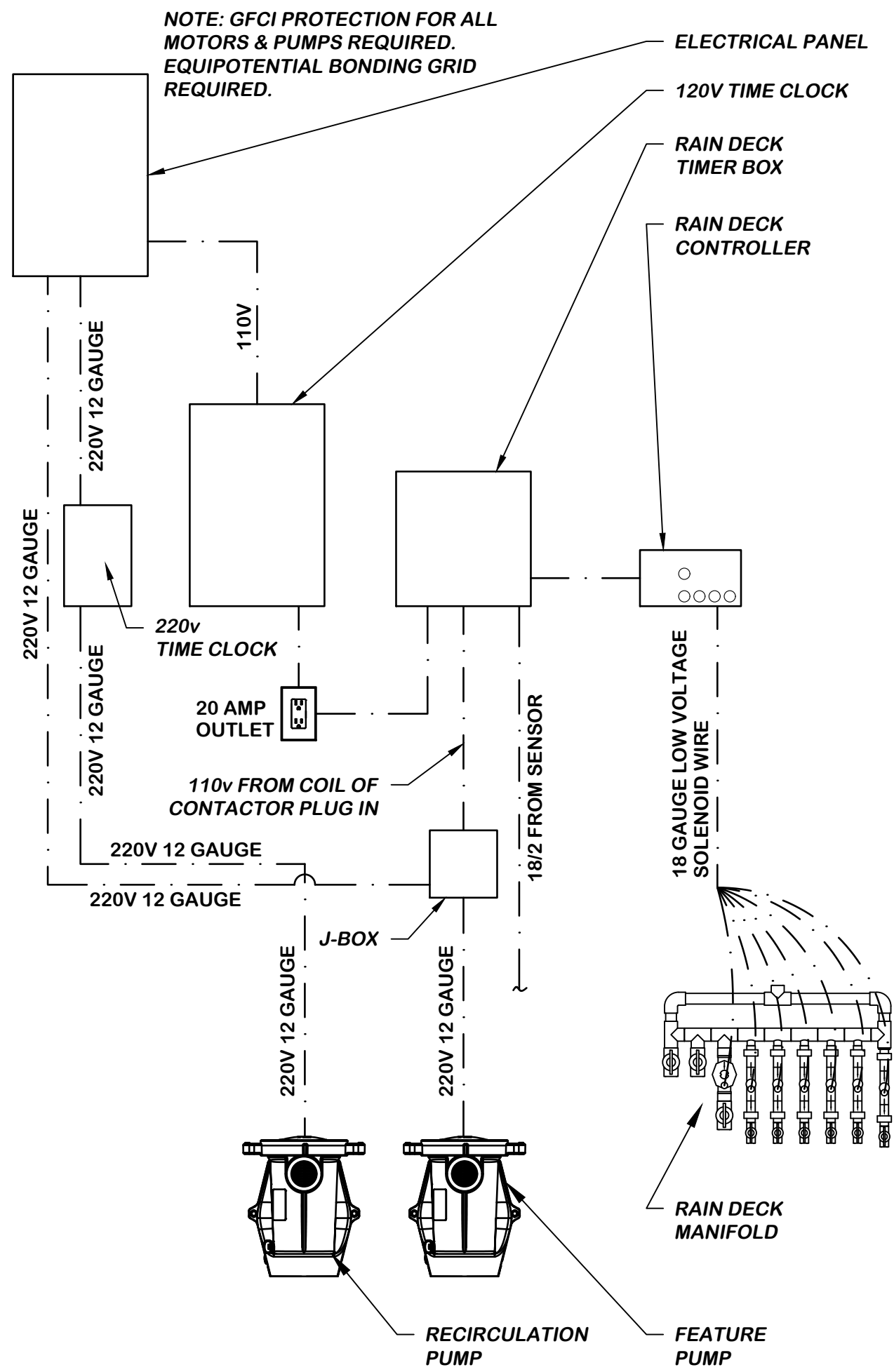
3.0HP IntelliFlo3 VSF		
Input Voltage Nominal	208-230VAC	
Input Current	12.4/11.2 Amps	
Input Frequency	Single Phase, L1-L2 or L-N, 50 or 60Hz	
Maximum Input Watts	2590W	
Maximum Shaft Horsepower	3.0HP	
Speed Range	1-100% (450-3450 RPM)	
Environmental Enclosure Rating	NEMA Type 3/ IPX5	
Ambient Condition Range	Storage	-40°C to +60°C (-40°F-140°F)
	Operating	0 to 50°C (32-122°F)
	Humidity	Relative 0-95% Non-Condensing

PERFORMANCE & EFFICIENCY CURVES



3HP INTELLIFLO VSF

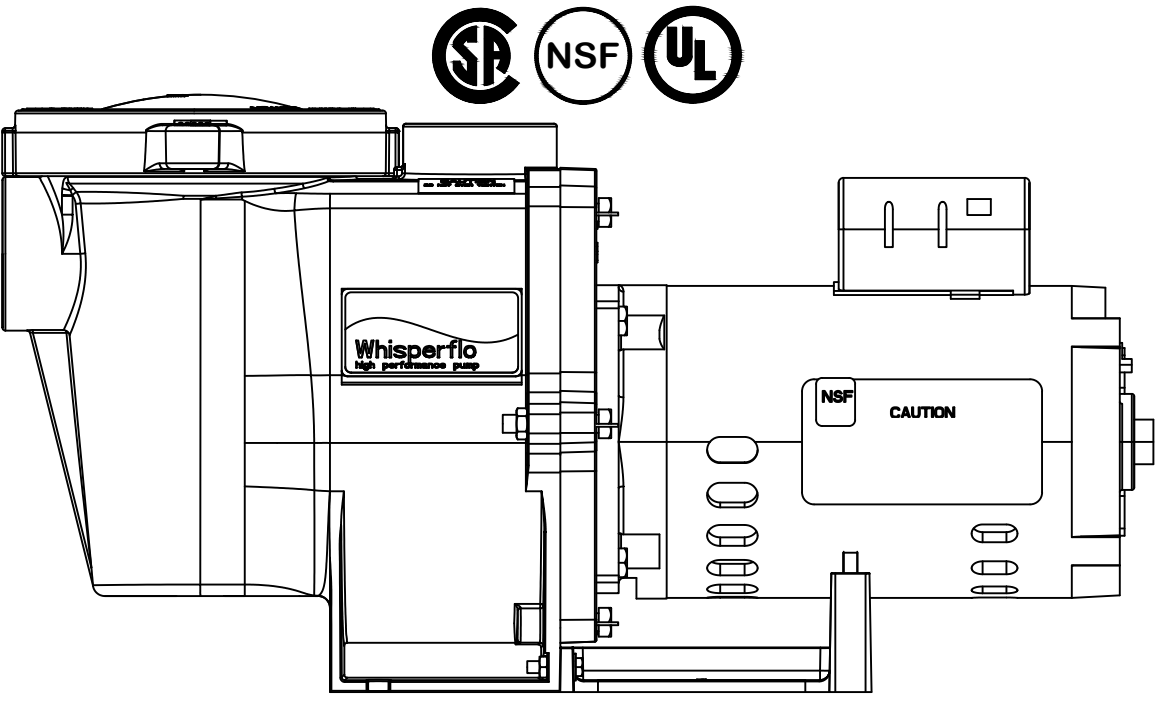
SCALE: N.T.S.



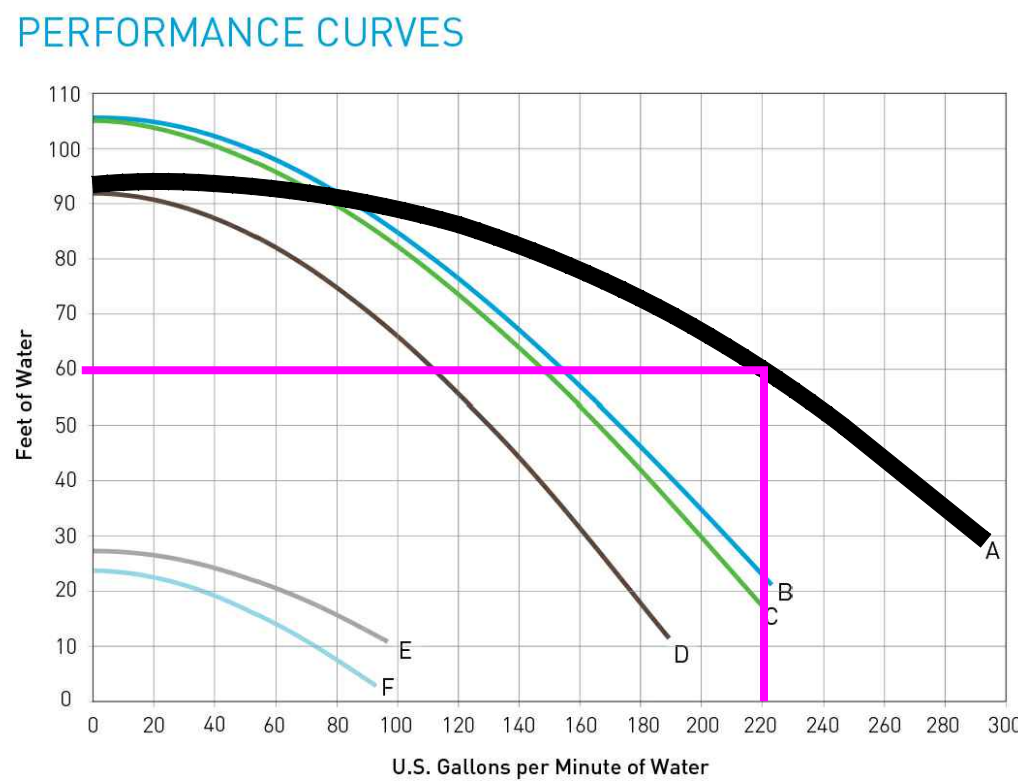
TYPICAL WIRING DIAGRAM

SCALE: N.T.S.

WHISPERFLO
5 HP - MODEL XFE-20

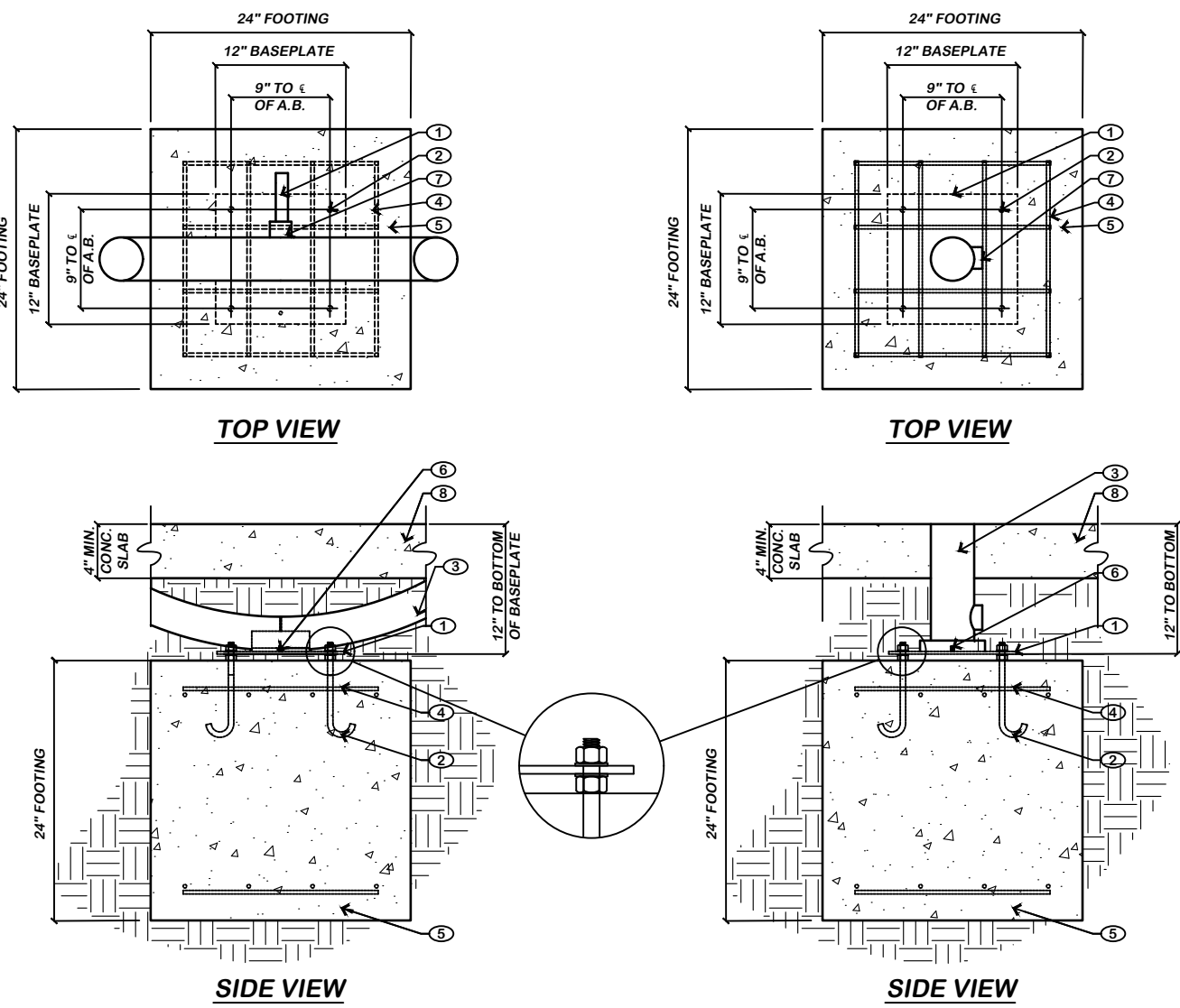


PERFORMANCE CURVE
5 HP HIGH SPEED - 3450 RPM



WHISPERFLO HIGH PERFORMANCE PUMP

SCALE: N.T.S.



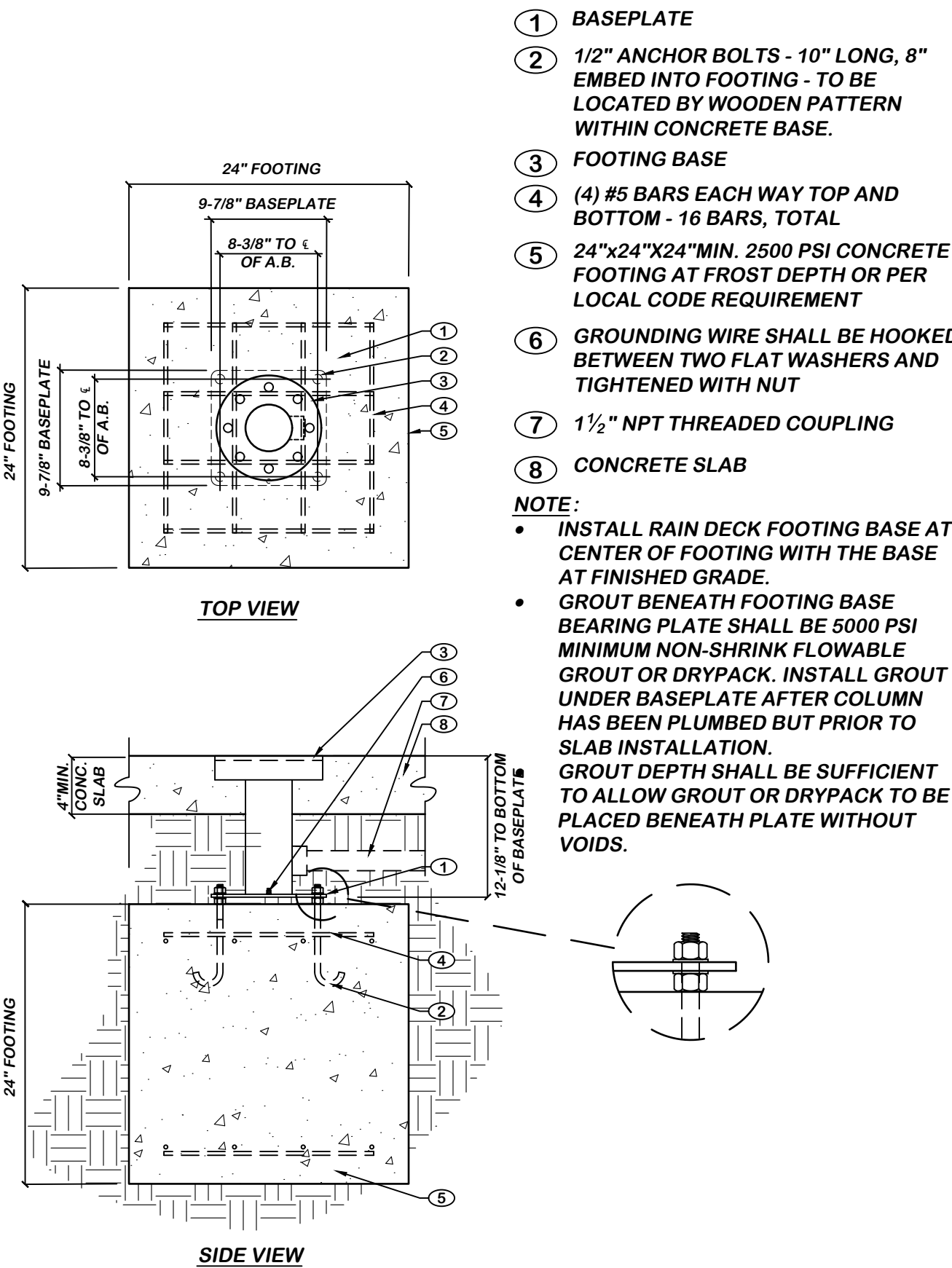
- 1 WATER LINE (NOT SUPPLIED)
- 2 1/2" ANCHOR BOLTS - 10" LONG, 8" EMBED INTO FOOTING - TO BE LOCATED BY WOODEN PATTERN WITHIN CONCRETE BASE.
- 3 RAIN DECK FEATURE
- 4 (4) #5 BARS EACH WAY TOP AND BOTTOM
- 5 24"x24"x24" MIN. CONCRETE BASE BELOW FROST DEPTH OR LOCAL CODE
- 6 GROUNDING WIRE SHALL BE HOOKED BETWEEN TWO FLAT WASHERS AND TIGHTENED WITH NUT
- 7 1 1/2" NPT THREADED COUPLING
- 8 CONCRETE SLAB

- NOTE:
- MANUFACTURES SPECIFICATIONS SHALL BE FOLLOWED AND HARDWARE PROVIDED SHALL BE USED UNLESS SPECIFIED OTHERWISE
 - GROUT BENEATH FOOTING BASE BEARING PLATE SHALL BE 5000 PSI MINIMUM NON-SHRINK FLOWABLE GROUT OR DRYPACK. INSTALL GROUT UNDER BASE PLATE AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO SLAB INSTALLATION.
 - GROUT DEPTH SHALL BE SUFFICIENT TO ALLOW GROUT OR DRYPACK TO BE PLACED BENEATH PLATE WITHOUT VOIDS.

SCALE
N.T.S.

RDS398-0 RAIN DECK FOOTING

SCALE: N.T.S.



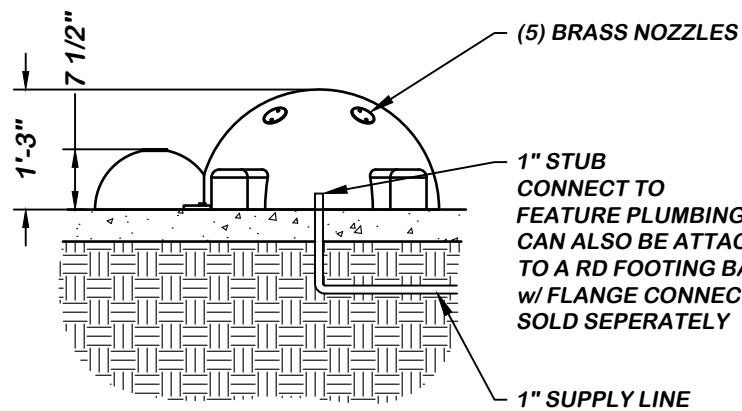
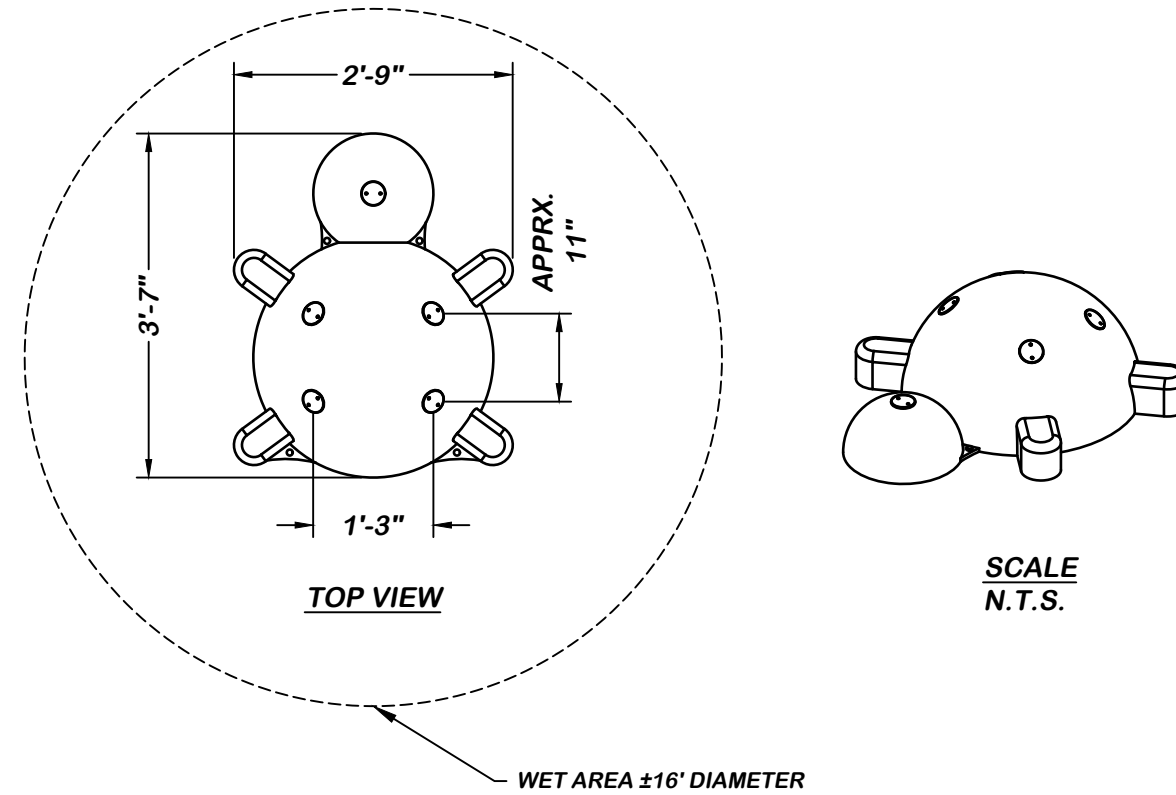
- 1 BASEPLATE
- 2 1/2" ANCHOR BOLTS - 10" LONG, 8" EMBED INTO FOOTING - TO BE LOCATED BY WOODEN PATTERN WITHIN CONCRETE BASE.
- 3 FOOTING BASE
- 4 (4) #5 BARS EACH WAY TOP AND BOTTOM - 16 BARS, TOTAL
- 5 24"x24"x24" MIN. 2500 PSI CONCRETE FOOTING AT FROST DEPTH OR PER LOCAL CODE REQUIREMENT
- 6 GROUNDING WIRE SHALL BE HOOKED BETWEEN TWO FLAT WASHERS AND TIGHTENED WITH NUT
- 7 1 1/2" NPT THREADED COUPLING
- 8 CONCRETE SLAB

- NOTE:
- INSTALL RAIN DECK FOOTING BASE AT CENTER OF FOOTING WITH THE BASE AT FINISHED GRADE.
 - GROUT BENEATH FOOTING BASE BEARING PLATE SHALL BE 5000 PSI MINIMUM NON-SHRINK FLOWABLE GROUT OR DRYPACK. INSTALL GROUT UNDER BASEPLATE AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO SLAB INSTALLATION.
 - GROUT DEPTH SHALL BE SUFFICIENT TO ALLOW GROUT OR DRYPACK TO BE PLACED BENEATH PLATE WITHOUT VOIDS.

SCALE
N.T.S.

RDS399-0 STEEL FOOTING BASE

SCALE: N.T.S.



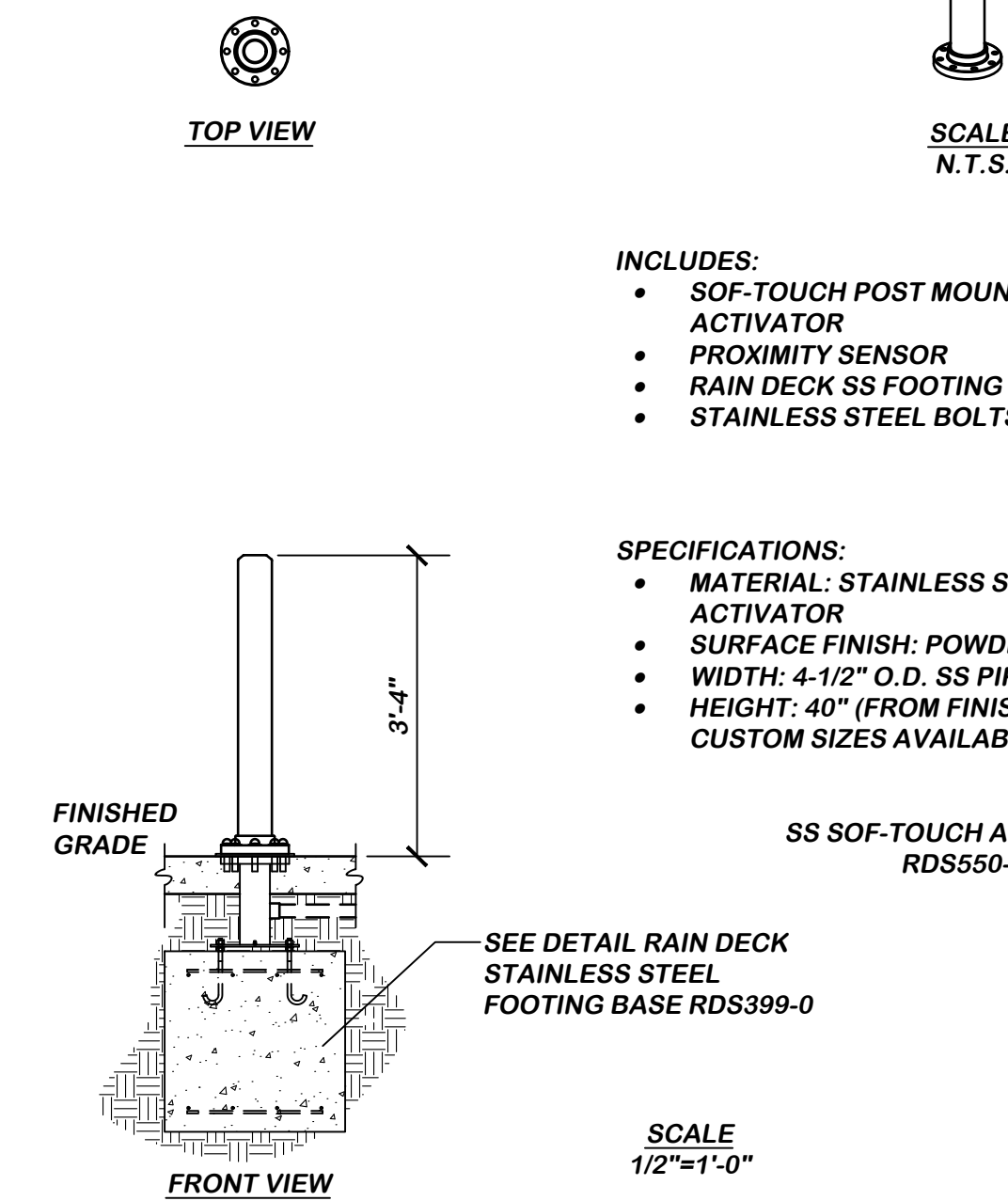
- SPECIFICATIONS:
- MATERIAL: FIBERGLASS w/ BRASS NOZZLES
 - SURFACE FINISH: UV RESISTANT AUTOMOTIVE PAINT
 - WATER PRESSURE: MIN. 10 PSI
 - WATER CONSUMPTION: 7-8 GPM
 - EFFECTIVE RANGE: 16' DIA.

TURTLE
RDG300-0

SCALE
N.T.S.

RDG300-0 TURTLE

SCALE: 1/2"=1'-0"



- INCLUDES:
- SOF-TOUCH POST MOUNTED ACTIVATOR
 - PROXIMITY SENSOR
 - RAIN DECK SS FOOTING BASE w/ CAP
 - STAINLESS STEEL BOLTS AND GASKET

- SPECIFICATIONS:
- MATERIAL: STAINLESS STEEL w/ DELRIN ACTIVATOR
 - SURFACE FINISH: POWDER COAT
 - WIDTH: 4-1/2" O.D. SS PIPE
 - HEIGHT: 40" (FROM FINISHED GRADE - CUSTOM SIZES AVAILABLE)

SS SOF-TOUCH ACTIVATOR
RDS550-0

SEE DETAIL RAIN DECK
STAINLESS STEEL
FOOTING BASE RDS399-0

SCALE
1/2"=1'-0"

RDS550-0 SoF-TOUCH ACTIVATOR

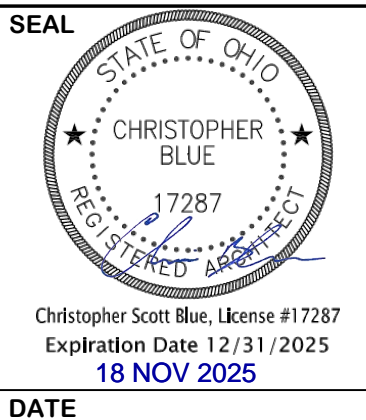
SCALE: 1/2"=1'-0"

RAIN DECK
SPASHPAD PRODUCT & DESIGN
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

verdantas
LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			

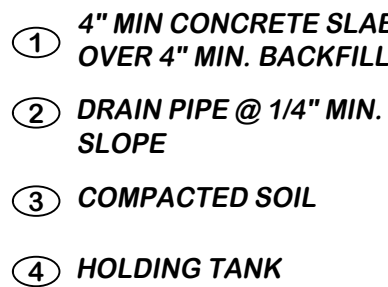
JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
DETAILS & SPECS
SCALE: AS NOTED



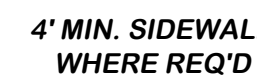
DRAWN BY RS	REVIEWED BY LB
DATE MAY, 2025	
SHEET SP2.2	
JOB NUMBER 32275	

888-445-7246

SCALE: N/A



SCALE: N.T.S.

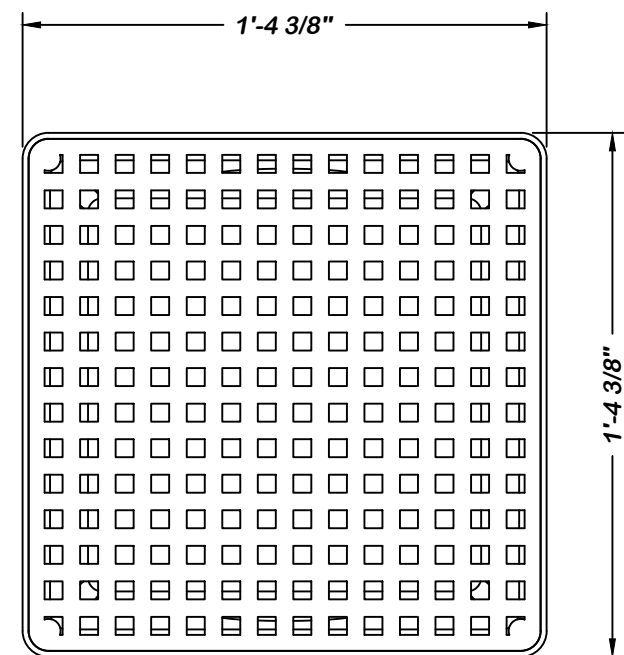


SCALE: N.T.S.

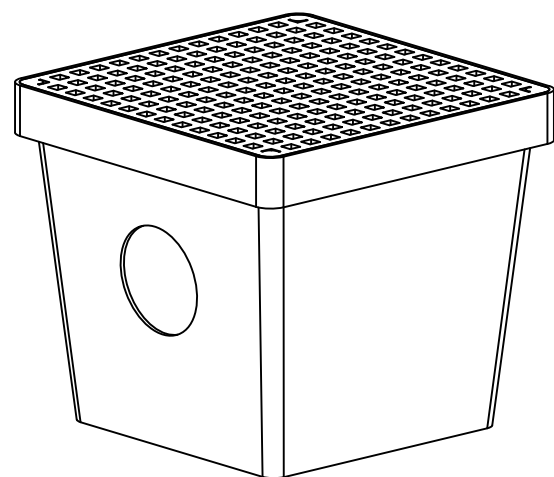
DRAWN BY RS	REVIEWED BY LB
DATE MAY, 2025	
SHEET SP2.3	
JOB NUMBER 32275	

APPROVED

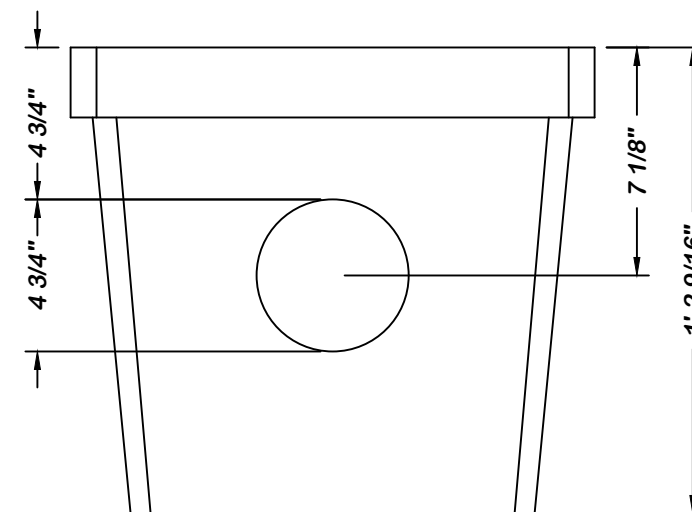
By Victor Nduaguba, PE at 1:46 pm, Nov 19, 2025



TOP VIEW



SCALE
N.T.S.



FRONT VIEW

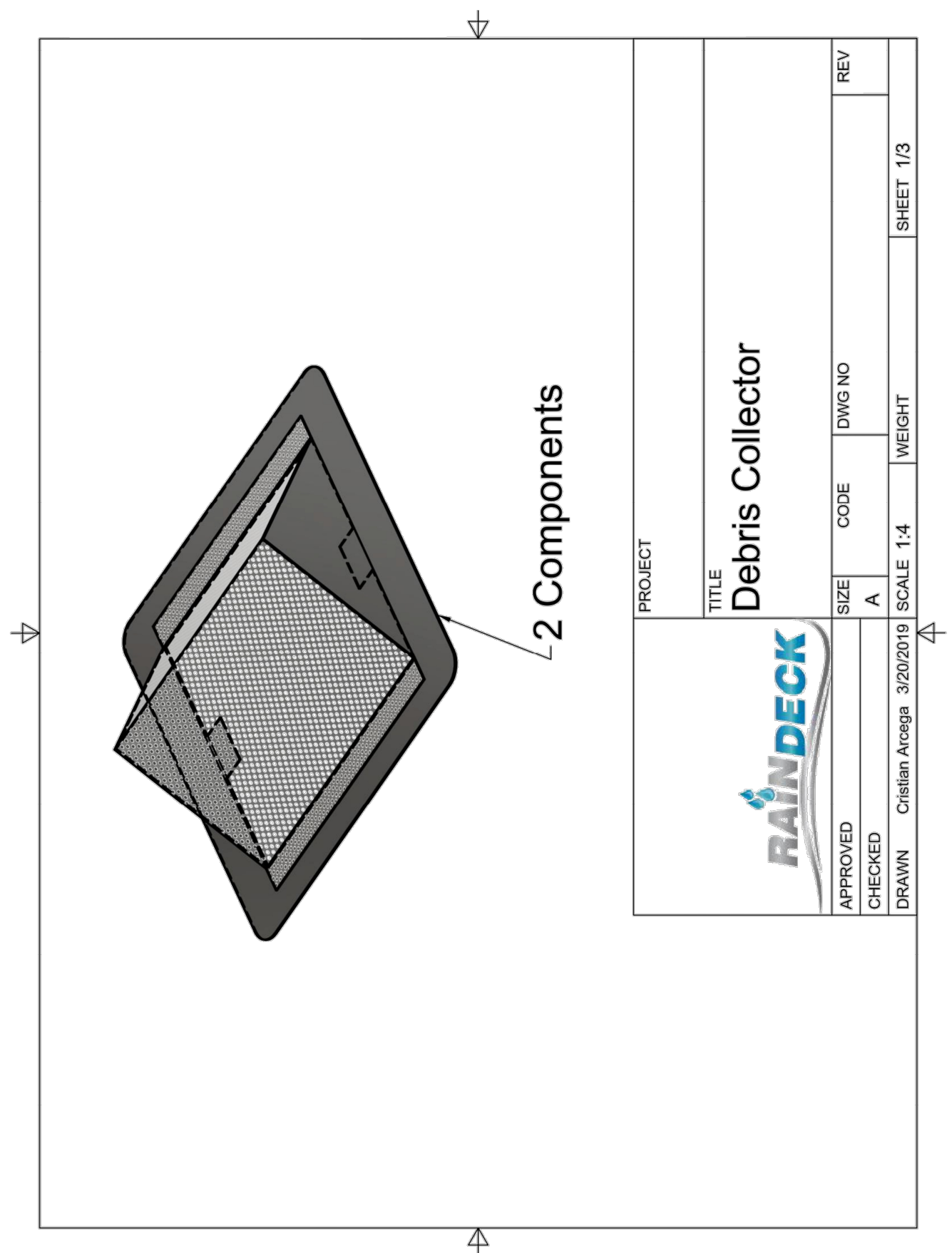
BOX DRAIN

SCALE: N.T.S.

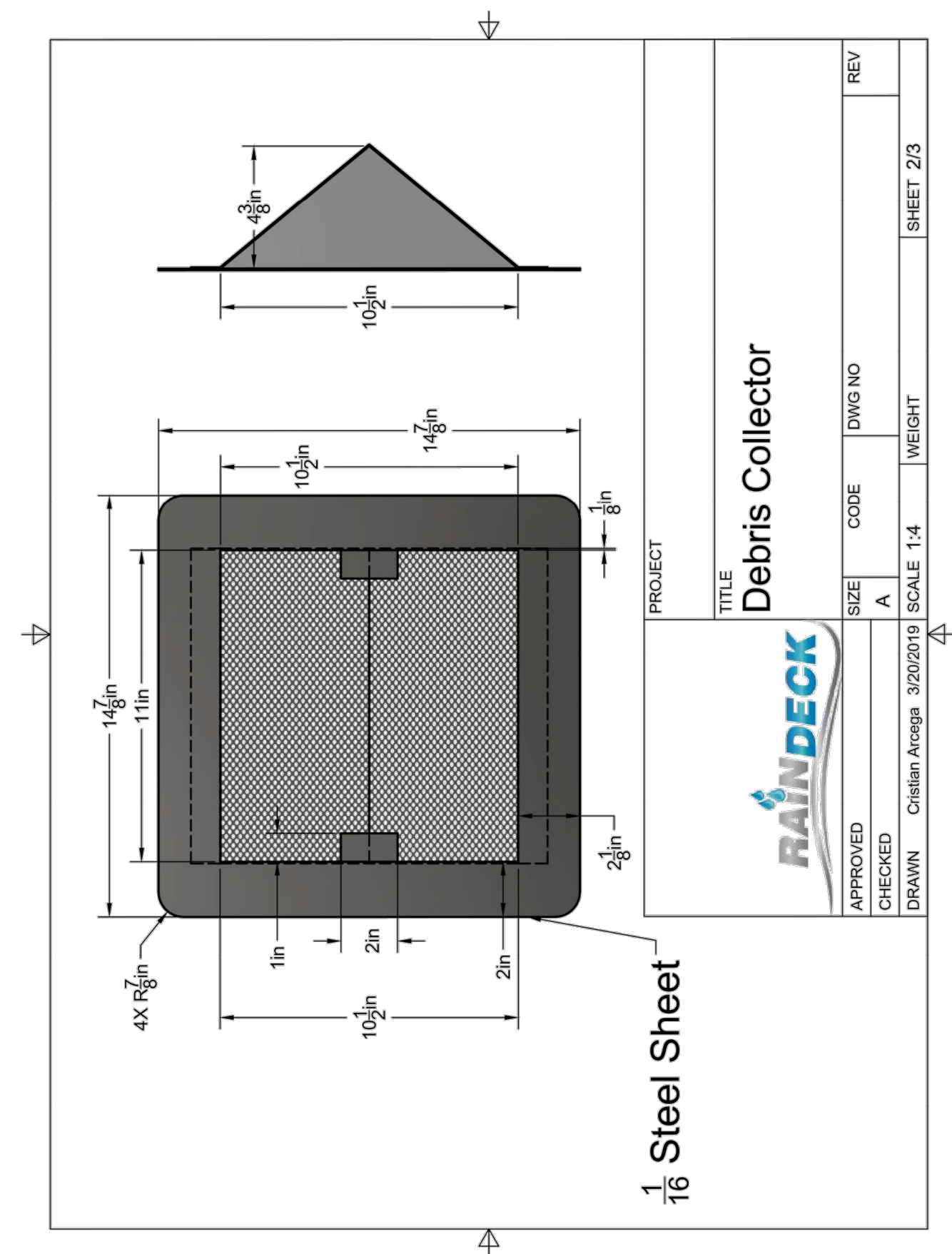
SPECIFICATIONS:

- MATERIALS: MOLDED HIGH-DENSITY POLYETHYLENE, PVC & STAINLESS STEEL
- ADA COMPLIANT
- CONNECTS TO 4" SCH. 80 PVC PIPE OR 4" THIN WALL DRAIN PIPE COUPLING

16" BOX DRAIN



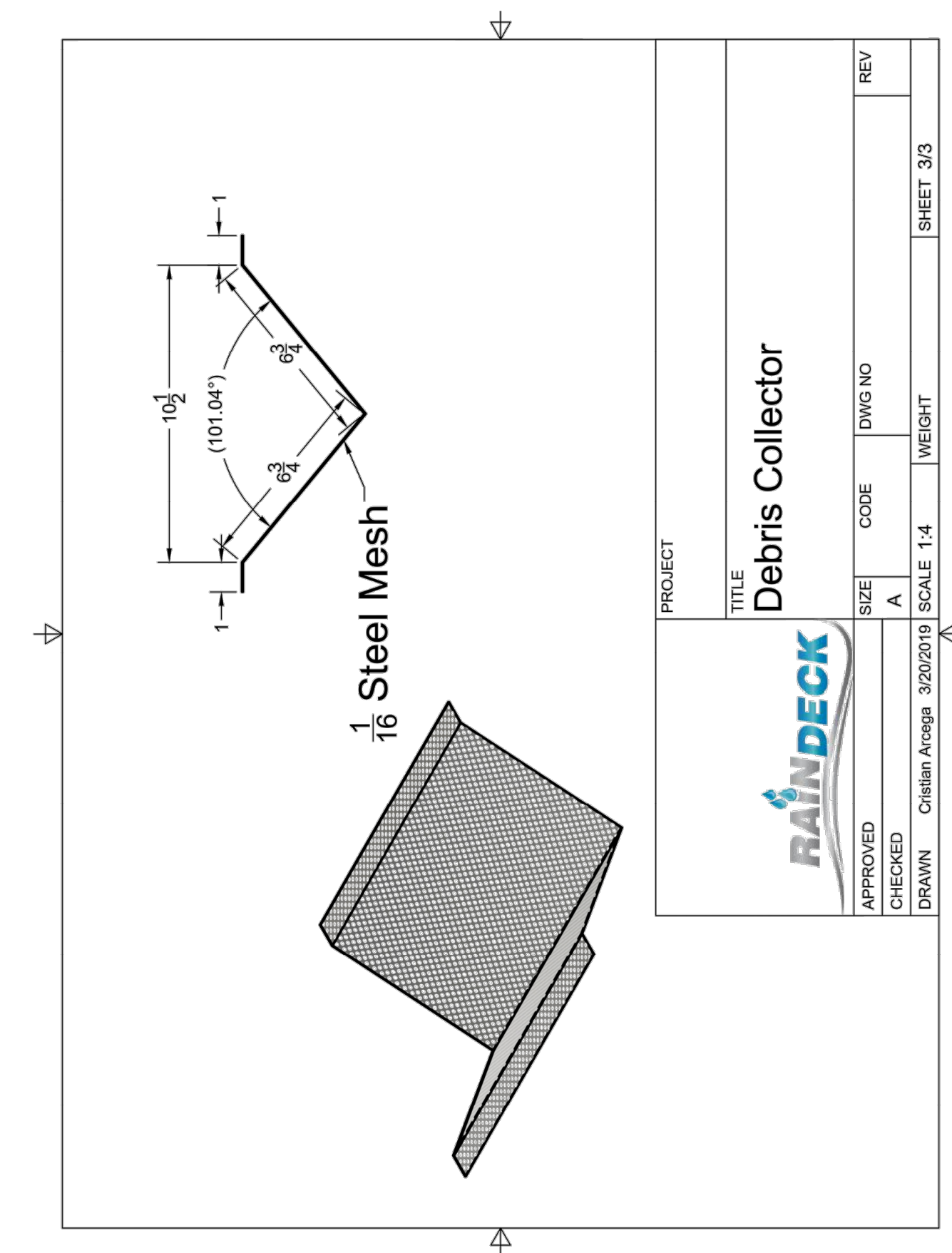
2 Components



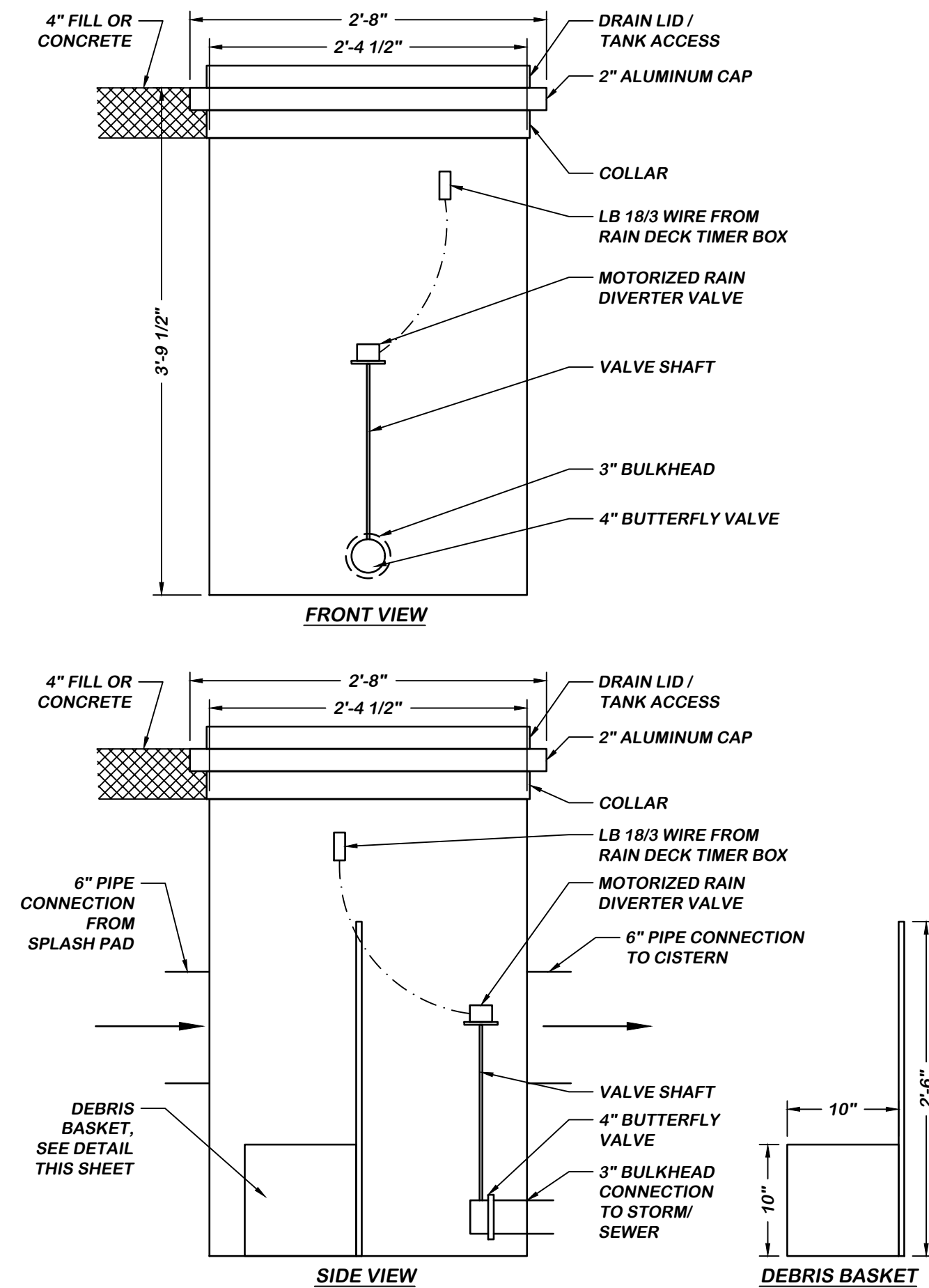
1/16 Steel Sheet

DEBRIS COLLECTOR CUTSHEETS

SCALE: NOT TO SCALE



1/16 Steel Mesh

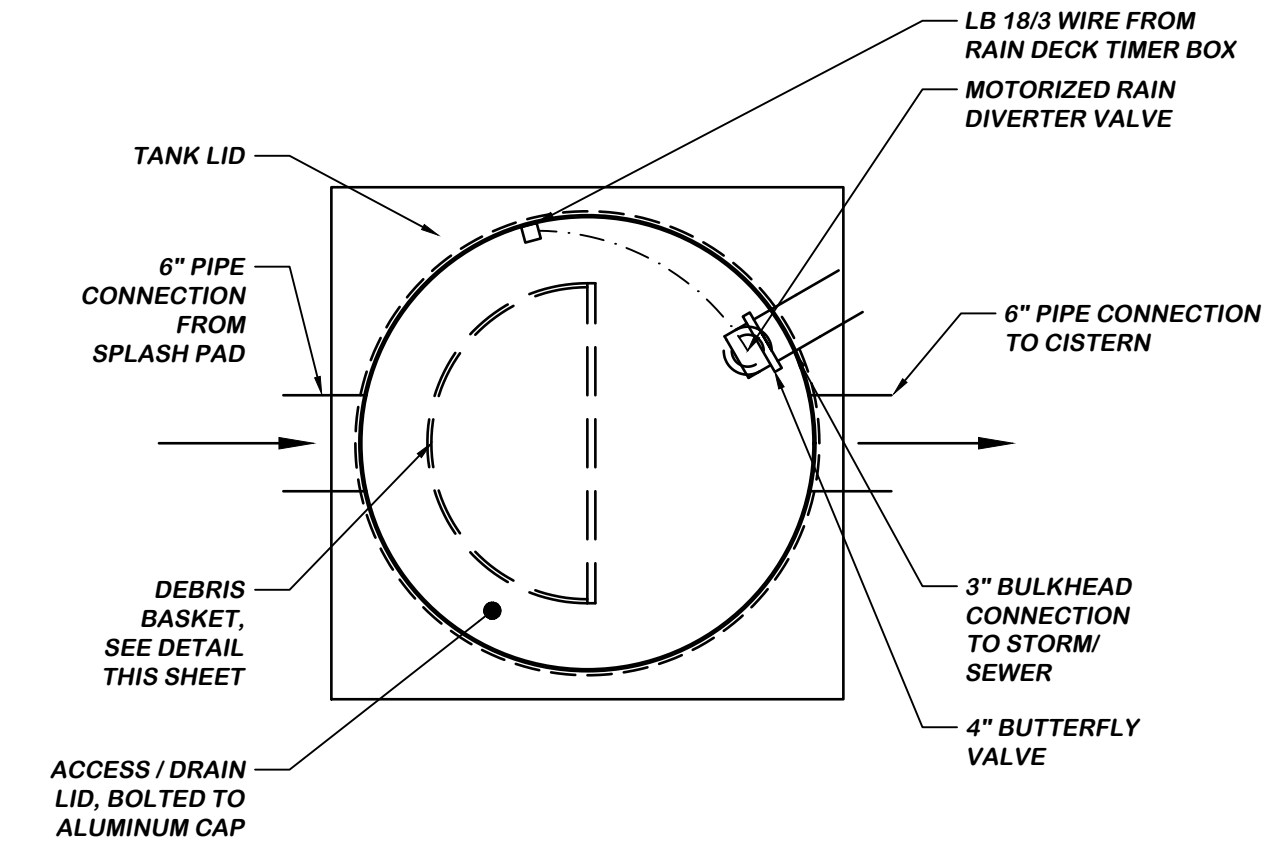


FRONT VIEW

SIDE VIEW

RD600-0 RAIN DIVERTER

SCALE: N.T.S.



TOP VIEW

RAIN DECK
SPASHPAD PRODUCT & DESIGN
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

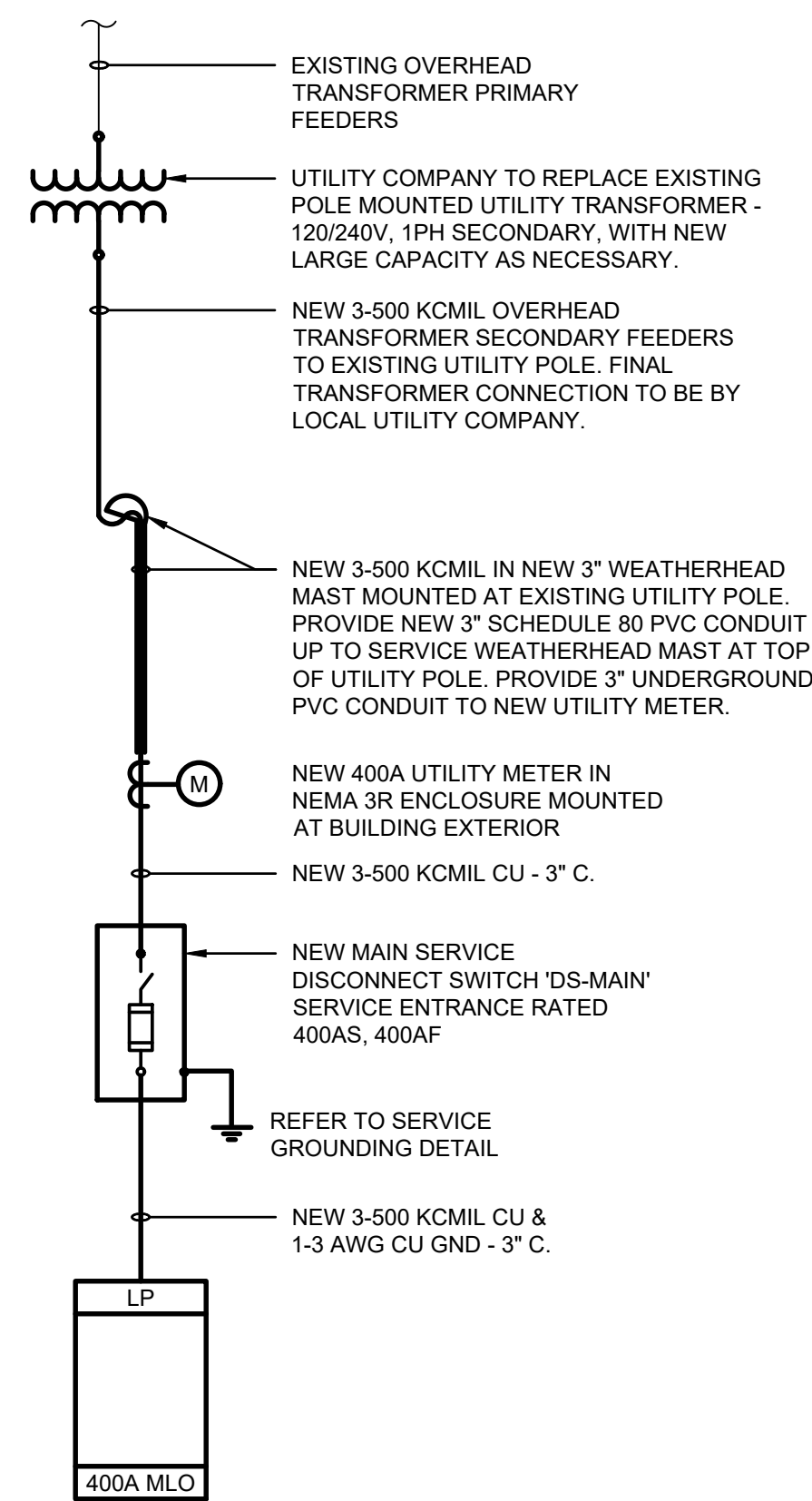
verdantas
1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
1	09/30/2025	RS	RESPONSE TO CITY COMMENTS
2			
3			
4			
5			

JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
DETAILS & SPECS
SCALE: AS NOTED

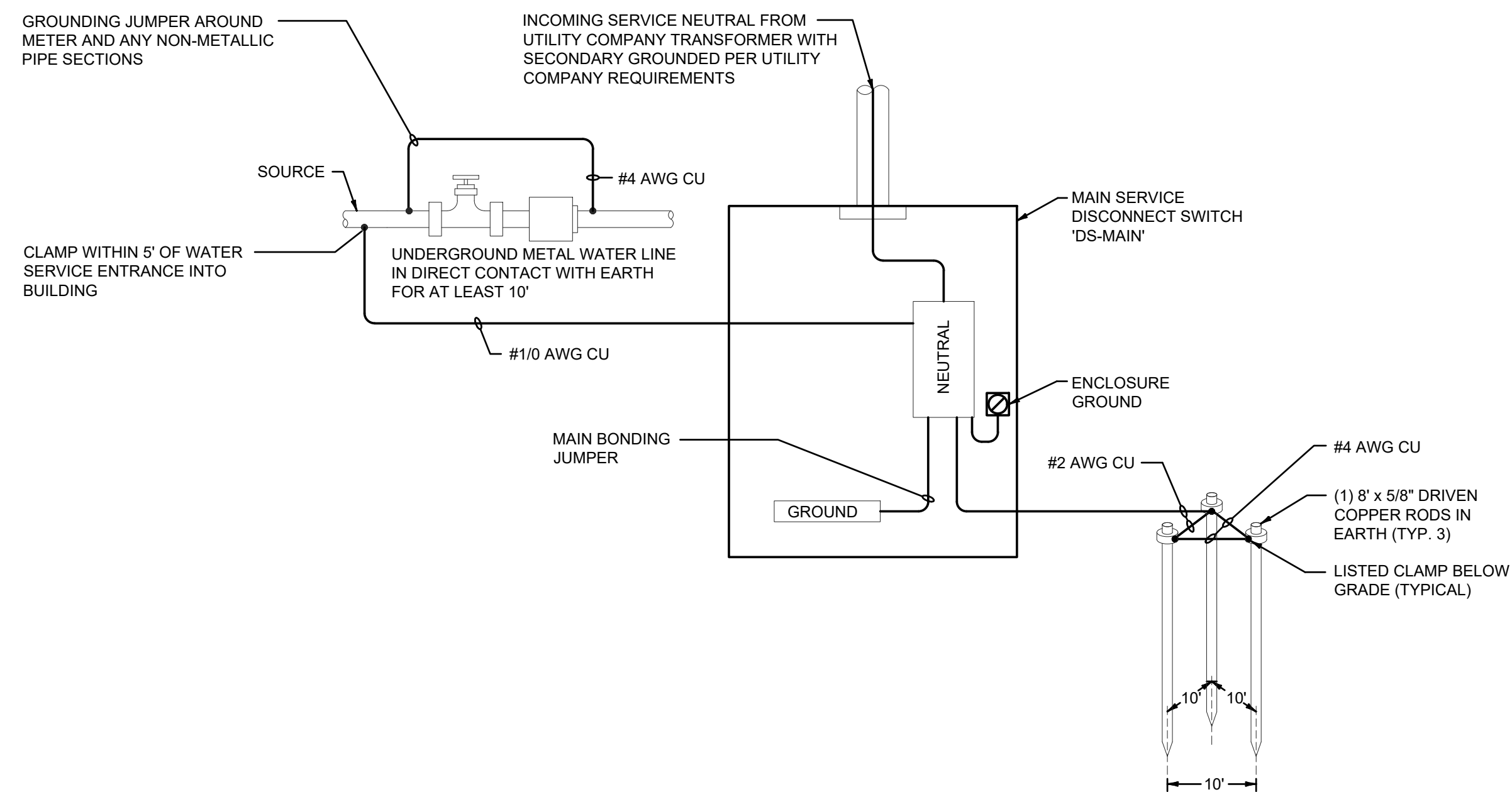
SEAL
STATE OF OHIO
CHRISTOPHER BLUE
REGISTERED PROFESSIONAL
17287
Christopher Scott Blue, License #17287
Expiration Date 12/31/2025
18 NOV 2025
DATE

DRAWN BY
RS
REVIEWED BY
LB
DATE
MAY 2025
SHEET
SP2.4
JOB NUMBER
32275



ONE LINE DIAGRAM
NO SCALE

ELECTRICAL SERVICE LOAD SUMMARY				
LOAD	KW CONNECTED	DEMAND FACTOR	KW DEMAND	NOTES
LIGHTING	1.0	1.0	1.0	
CONVENIENCE RECEPTACLES	1.44	NEC	1.44	
MISC. BUILDING EQUIPMENT	5.4	0.8	4.32	
MISC. MECHANICAL EQUIPMENT	52.6	0.8	42.1	
SPLASH PAD EQUIPMENT & PUMPS	11.4	0.5	5.7	
TOTALS	71.8		54.6	
SERVICE VOLTAGE:	120/240V, 1-PH, 3-WIRE		DEMAND AMPERES:	228



SERVICE GROUNDING ELECTRODE SYSTEM WIRING DIAGRAM

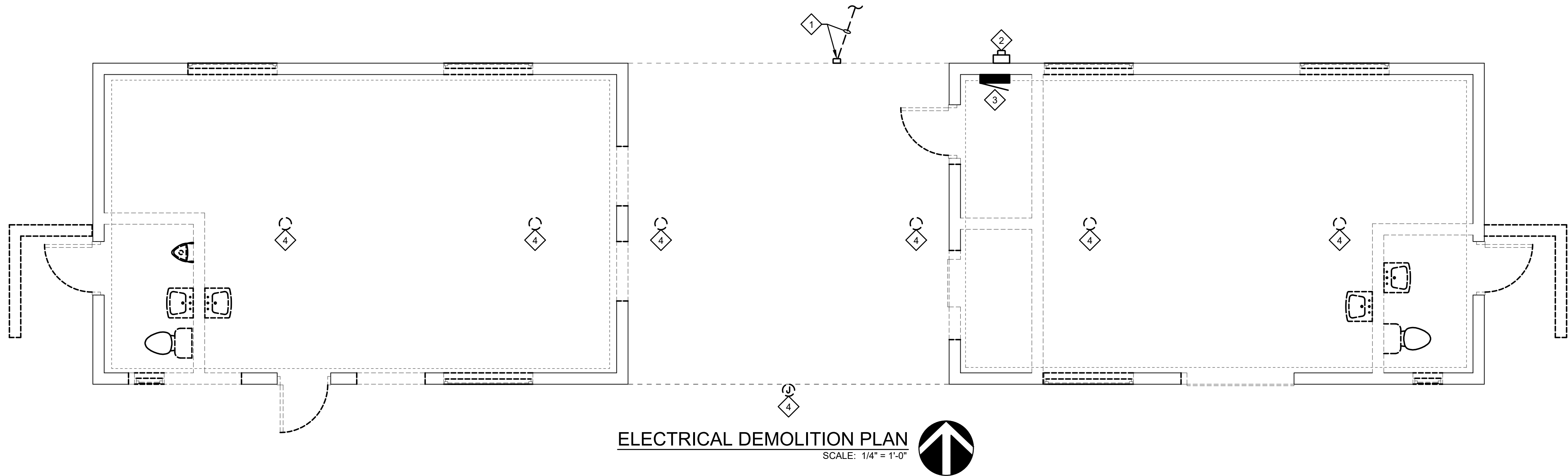
RESTROOM RENOVATIONS ARE BEING PERFORMED UNDER A SEPARATE CONTRACT WITH THE VILLAGE.

THE SPLASH PAD CONTRACTOR IS RESPONSIBLE FOR SUPPLYING, INSTALLING SPLASH PAD PIPING AND EQUIPMENT AND MAKING FINAL UTILITY CONNECTIONS INTO AND INSIDE THE RESTROOM BUILDING FOR THE SPLASH PAD OPERATION.

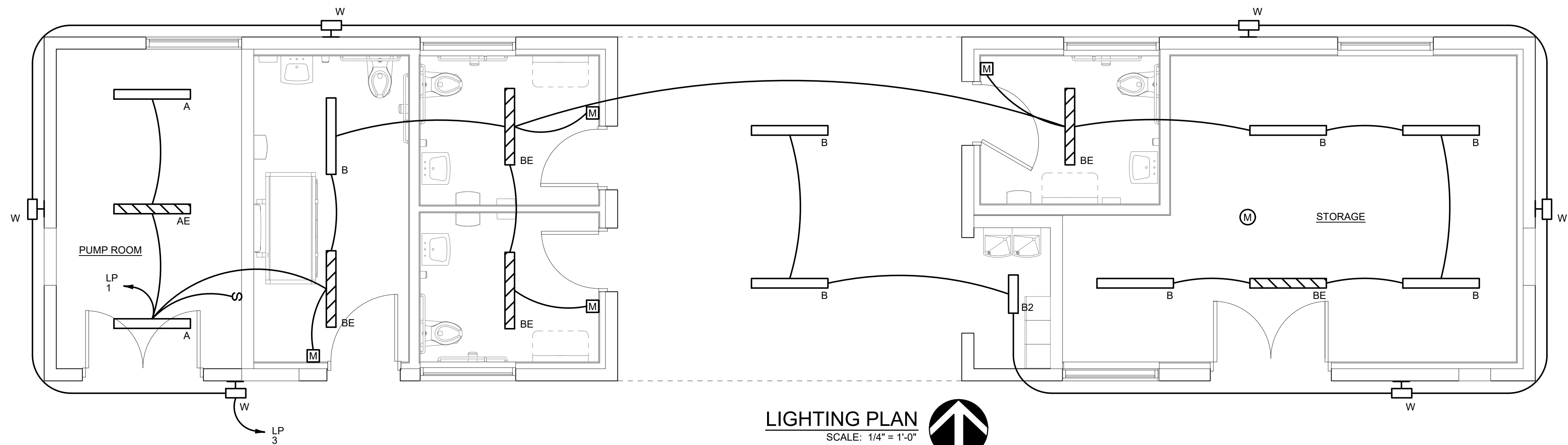
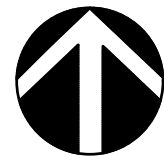
RESTROOM RENOVATION MEP PLANS BEING SUPPLIED FOR INFORMATION ONLY FOR COORDINATION AND SCOPE OF WORK DESIGNATION BETWEEN THE RESTROOM CONTRACTOR AND THE SPLASH PAD CONTRCATOR.

ITEMS NOTED ON MEP PLANS AS BY OTHERS ARE TO BE PROVIDED BY THE SPLASH PAD CONTRACTOR.

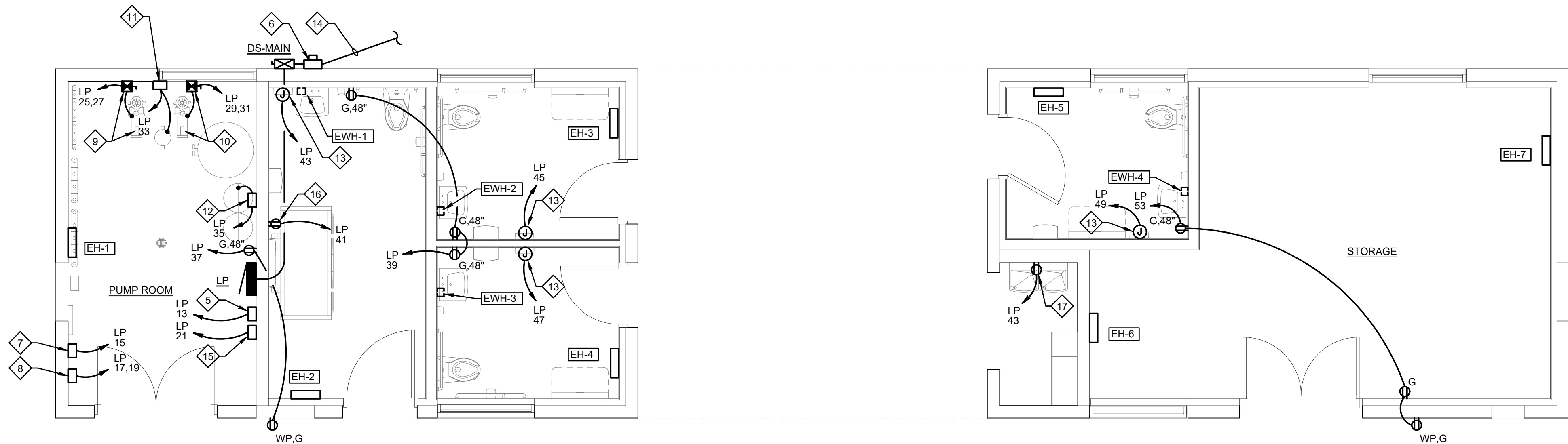
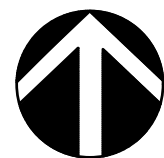
THE RESTROOM CONTRACTOR SHALL STUB SANITARY AND WATERLINE 5' OUTSIDE OF BUILDING



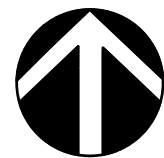
ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



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



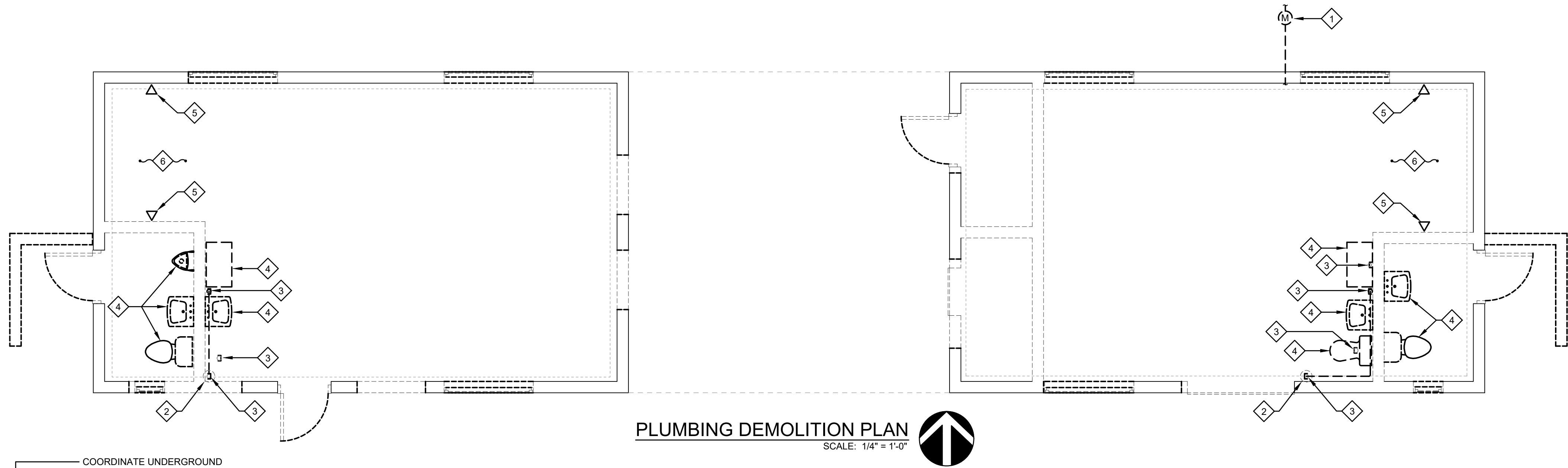
POWER PLAN
SCALE: 1/4" = 1'-0"



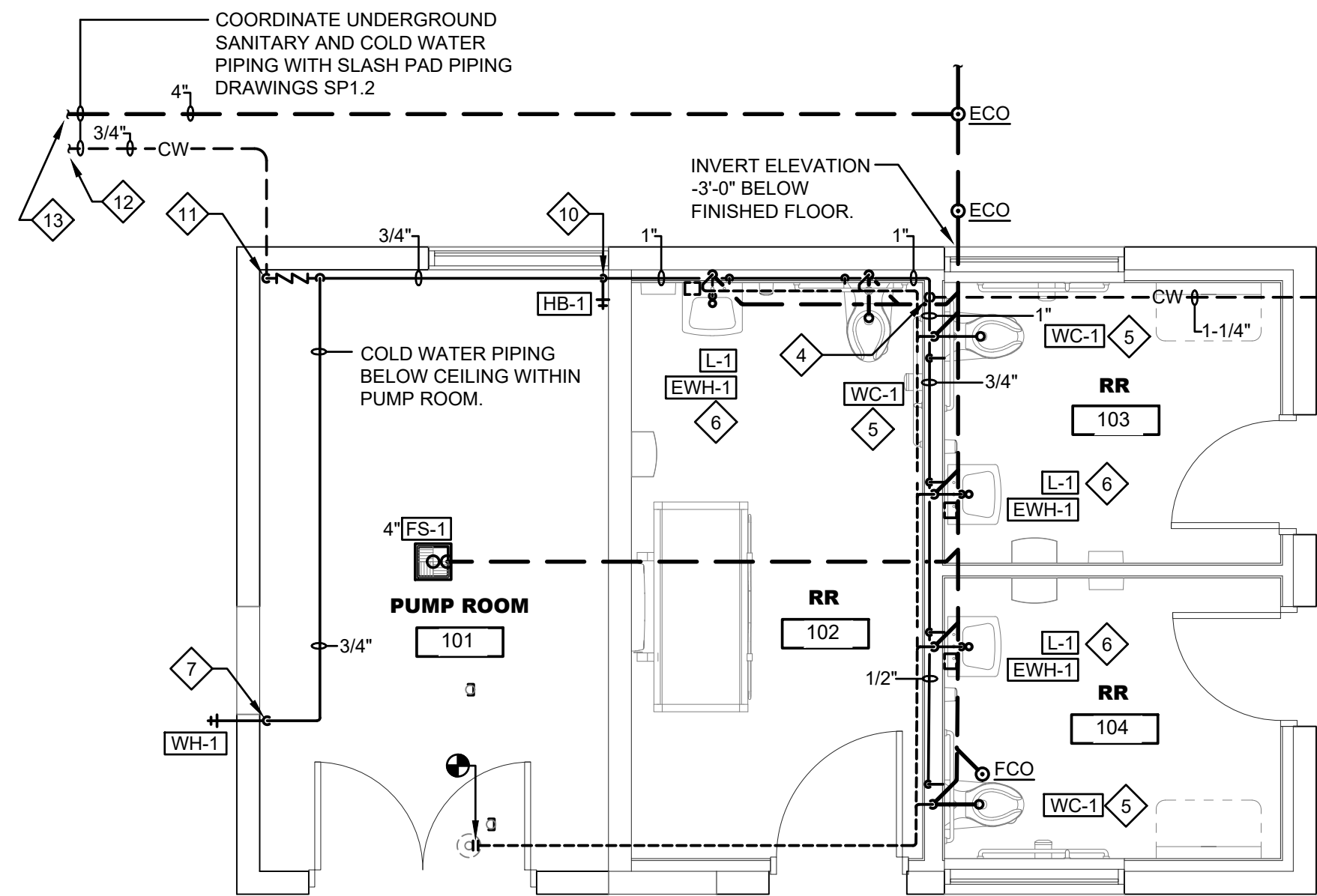
PLAN NOTES

1. REMOVE EXISTING OVERHEAD ELECTRICAL SERVICE FEEDER & ATTACHMENT CONNECTION.
2. REMOVE EXISTING UTILITY METER BASE.
3. REMOVE EXISTING LOAD CENTER.
4. REMOVE EXISTING LIGHTING FIXTURE.
5. NEW TIME CLOCK #1. PROVIDE 120V, 1-PHASE ASTRONOMICAL, 4-CHANNEL TIME CLOCK TO BE INTERMATIC #ET2845C, OR EQUALS BY OTHERS FOR EXTERIOR LIGHTING CONTROLS.
6. NEW UTILITY METER, NEMA 3R.
7. NEW TIME CLOCK #2. PROVIDE 120V, 1-PHASE ASTRONOMICAL, 4-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2845CR, OR EQUALS BY OTHERS FOR FEATURE PUMP CONTROLS.
8. NEW TIME CLOCK #3. PROVIDE 240V, 1-PHASE ASTRONOMICAL, 4-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2845CR, OR EQUALS BY OTHERS FOR RE-CIRCULATING PUMP CONTROLS.
9. FEATURE PUMP - 5HP, 240V, 1-PHASE, 6.72KW. WIRE THROUGH RAIN DECK TIMER BOX. PROVIDE 240, 1-PHASE MANUAL MOTOR STARTER - TO BE FRANKLIN CONTROLS SYSTEM #BAS-1P.
10. RE-CIRCULATING (FILTER) PUMP - 3HP, 240V, 1-PHASE, 2.69KW. WIRE THROUGH TIME CLOCK #3. PROVIDE 240, 1-PHASE MANUAL MOTOR STARTER - TO BE FRANKLIN CONTROLS SYSTEM #BAS-1P.
11. PROVIDE 120V POWER TO UV SANITIZER.
12. PROVIDE 120V POWER TO CHEM CONTROLLER.
13. HAND DRYER - 120V, 0.95KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.
14. NEW UNDERGROUND ELECTRICAL SERVICE FEEDER & CONDUIT. SEE ONE LINE DIAGRAM AND ELECTRICAL SITE PLAN.
15. NEW TIME CLOCK #4. PROVIDE 120V, 1-PHASE ASTRONOMICAL, 2-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2825CR, OR EQUALS BY OTHERS FOR EXHAUST FAN CONTROLS.
16. NEW MOTORIZED CHANGING TABLE - 120V, 0.5KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.
17. NEW WATER DRINKING FOUNTAIN - 120V, 0.4KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.

REV	REVISIONS FOR BID & PERMIT	DATE	BY
1		07/24/2025	JDM
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			

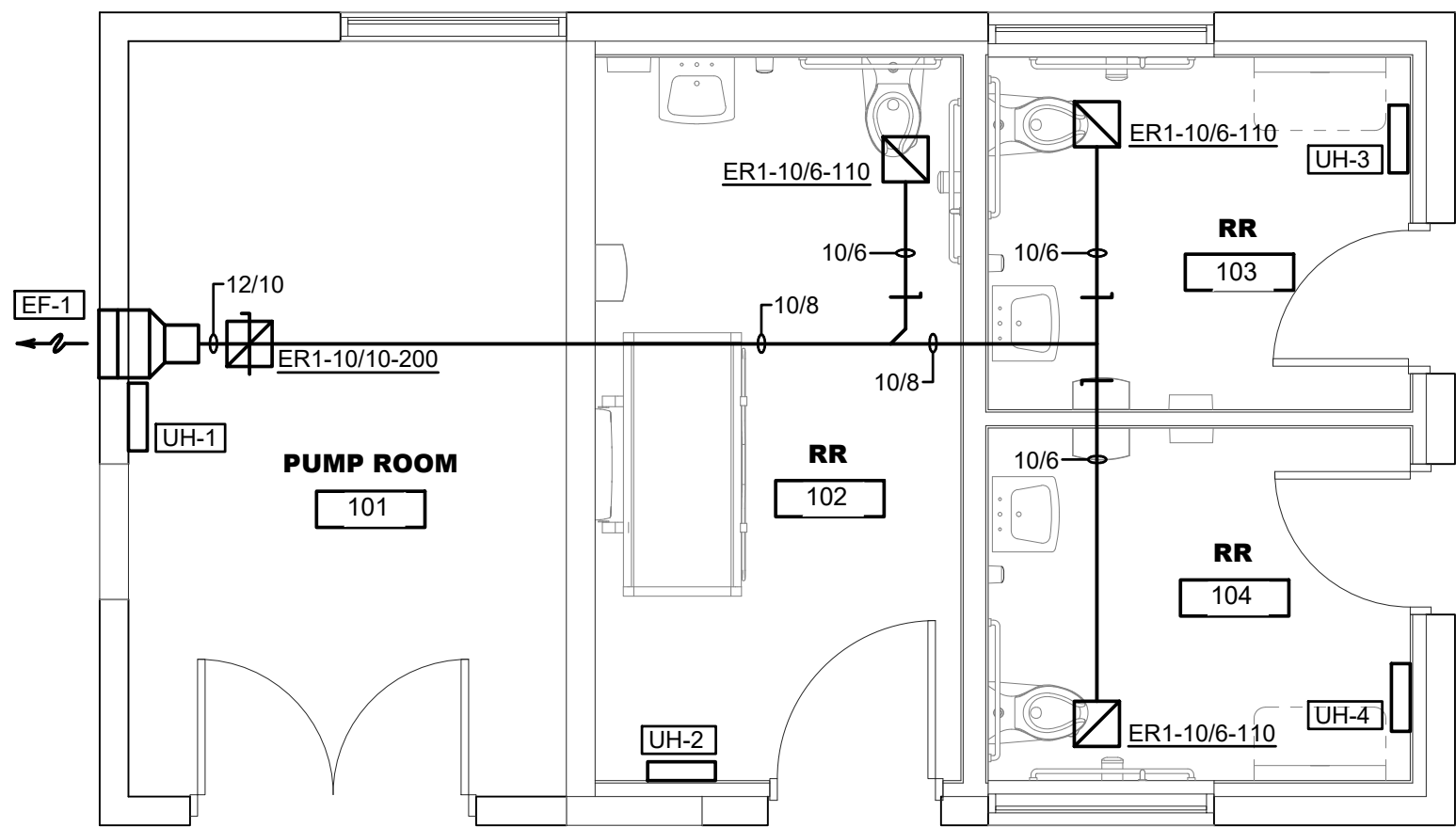


PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



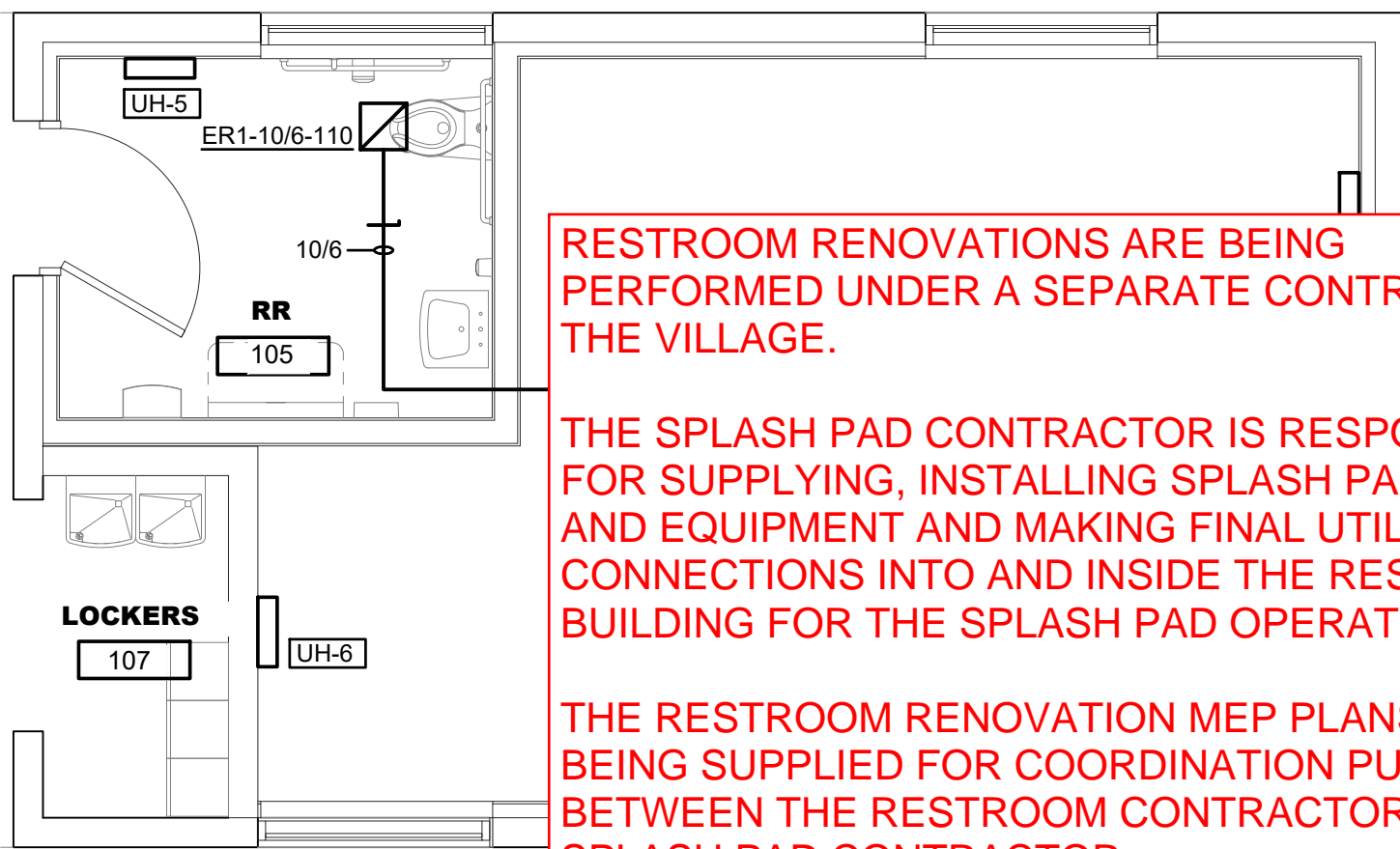
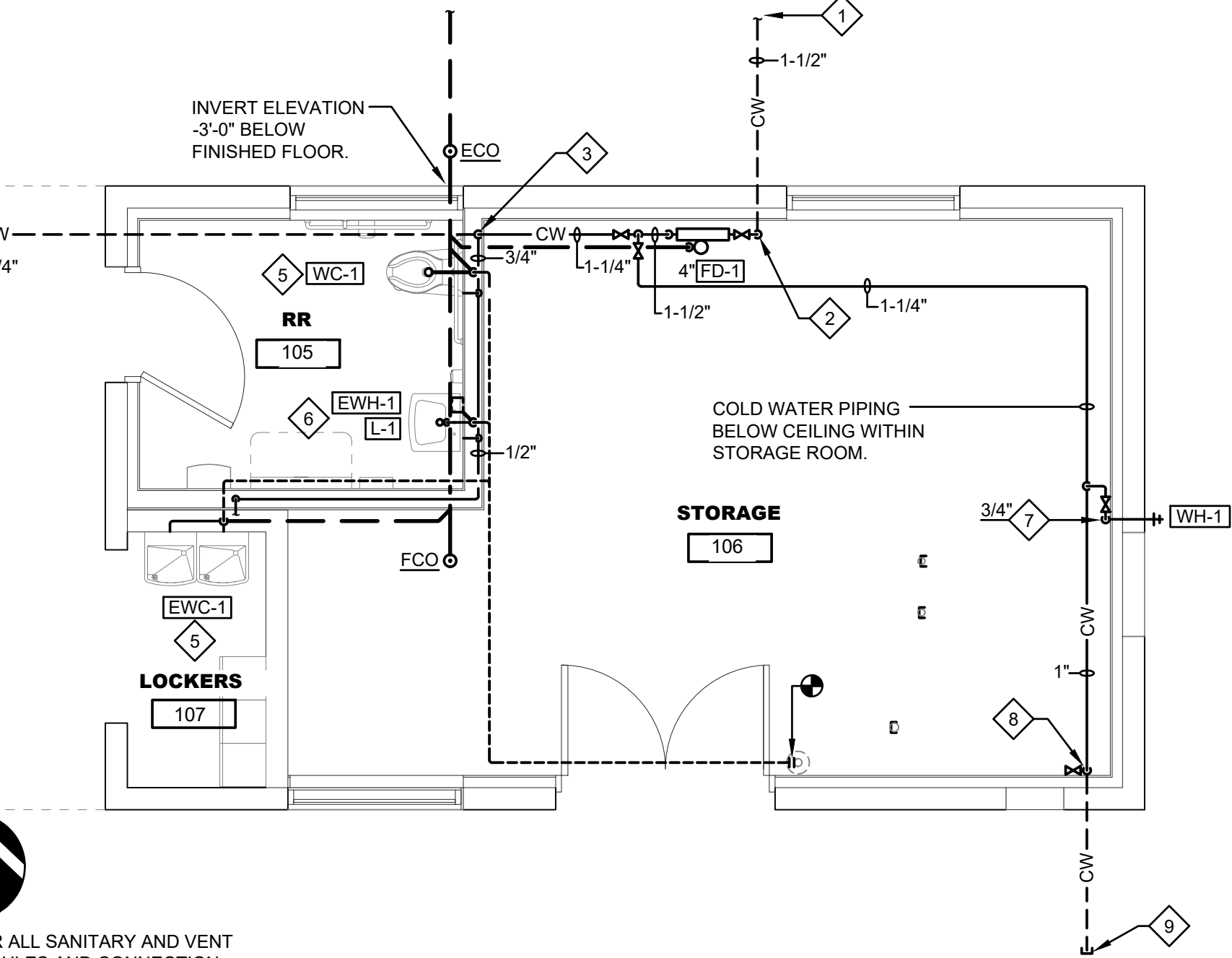
PLUMBING PLAN
SCALE: 1/4" = 1'-0"

- NOTE:
- REFER TO SHEET M0.01 FOR FOR SANITARY STACK DIAGRAM FOR ALL SANITARY AND VENT SIZES. PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULES AND CONNECTION SIZES.
 - FACILITY WILL BE VACANT DURING WINTER MONTHS. SLOPE DOMESTIC HOT AND COLD WATER PIPING AND PROVIDE DRAIN VALVES AT LOW POINTS IN SYSTEM. ANTIFREEZE IS TO BE ADDED TO ALL DRAIN TRAPS TO PREVENT DAMAGE FROM FREEZING TO FACILITATE PLUMBING SYSTEM EVACUATION.



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

NOTE:
REFER TO SHEET M0.01 FOR ALL HVAC EQUIPMENT SCHEDULES.



RESTROOM RENOVATIONS ARE BEING PERFORMED UNDER A SEPARATE CONTRACT WITH THE VILLAGE.

THE SPLASH PAD CONTRACTOR IS RESPONSIBLE FOR SUPPLYING, INSTALLING SPLASH PAD PIPING AND EQUIPMENT AND MAKING FINAL UTILITY CONNECTIONS INTO AND INSIDE THE RESTROOM BUILDING FOR THE SPLASH PAD OPERATION.

THE RESTROOM RENOVATION MEP PLANS ARE BEING SUPPLIED FOR COORDINATION PURPOSES BETWEEN THE RESTROOM CONTRACTOR AND THE SPLASH PAD CONTRACTOR.

GENERAL NOTES (PLUMBING)

- SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE.
- CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
- ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE LOCAL BUILDING CODE AND AUTHORITY HAVING JURISDICTION.
- PLUMBING WORK SHALL BE COMPLETED BY AN INDIVIDUAL OR BUSINESS THAT IS LICENSED BY THE STATE CONSTRUCTION INDUSTRY LICENSING BOARD.
- ALL FIXTURES SHALL BE PROVIDED WITH SHUT-OFF BALL VALVES ON SUPPLY LINES.
- ALL PUBLIC HAND WASHING SINKS SHALL BE SUPPLIED WITH TEMPERED WATER WITH AN APPROVED WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070.
- NO PIPING OR EQUIPMENT SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
- EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
- ALL PLUMBING WORK IS TO RUN IN A NEAT AND PROFESSIONAL MANNER, WITH THE AESTHETICS OF THE FACILITY OF PARAMOUNT IMPORTANCE. ALL ROUGH-IN WORK TO BE HIDDEN WITHIN WALLS AND ABOVE CEILING UNLESS OTHERWISE NOTED.
- ALL MATERIALS USED SHALL BE NEW AND UNDAMAGED.
- FURNISH ACCESS DOORS (RATED OR NON-RATED AS REQUIRED) WHERE VALVES OR EQUIPMENT ARE CONCEALED BEHIND A NON ACCESSIBLE CEILING OR WALL. FURNISH ACCESS DOORS TO GENERAL CONTRACTOR FOR INSTALLATION.

DEMOLITION PLAN NOTES

- EXISTING INCOMING WATER SERVICE AND WATER METER ASSOCIATED PIPING FROM STREET TO BE REMOVED PREPARE PIPE END AT STREET FOR NEW CONNECTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- EXISTING VENT THROUGH ROOF TO REMAIN. REMOVE ALL VENT PIPING WITHIN BUILDING TO BELOW ROOF AND PREPARE PIPE END FOR NEW CONNECTION.
- REMOVE SOIL STACK, CAP FLUSH WITH FLOOR AND ABANDON SANITARY SEWER BELOW SLAB.
- DISCONNECT AND REMOVE EXISTING FIXTURE AND ALL ASSOCIATED PIPING.
- REMOVE SHOWER HEAD, VALVE, AND ALL ASSOCIATED PIPING.
- REMOVE EXISTING FLOOR DRAIN, CAP AND ABANDON EXISTING SANITARY SEWER SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.

NEW PLAN NOTES

- EXTEND COLD WATER SERVICE BELOW GRADE AND CONNECT TO EXISTING WATER MAIN AT STREET.
- 1-1/2" COLD WATER SERVICE SLEEVED AND SEALED UP THROUGH SLAB AND PROVIDE MAIN SHUT-OFF VALVE. BACKFLOW PREVENTER TO MEET ASSE STANDARD 1013 AND WATER PRESSURE WITHIN BUILDING TO COMPLY WITH OHIO PLUMBING CODE. REFER TO DETAIL ON SHEET M0.01.
- 1-1/4" COLD WATER DOWN IN WALL TO BELOW SLAB AND PROVIDE 3/4" COLD WATER BRANCH PIPE ABOVE FINISHED FLOOR TO ROUTE WITHIN WALL TO SERVE FIXTURES.
- SLEEVE AND SEAL 1 INCH COLD WATER UP FROM BELOW SLAB. PROVIDE 3/4" AND 1" BRANCH PIPING ABOVE FINISHED FLOOR TO ROUTE WITHIN WALL TO SERVE FIXTURES.
- 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE.
- 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE AND EWH-1. CONNECT 1/2" HOT WATER FROM EWH-1 TO LAV-1.
- 3/4" COLD WATER DOWN ALONG WALL WITH SHUT-OFF VALVE IN DROP. SLEEVE AND SEAL 30 INCHES ABOVE OUTSIDE GRADE TO SERVE WALL HYDRANT.
- 1" COLD WATER DOWN ALONG WALL WITH SHUT-OFF VALVE IN DROP. SLEEVE AND SEAL TO BELOW SLAB.
- 1" COLD WATER PIPE BELOW GRADE AND TO EXTEND BEYOND CONCRETE PAD TO GRASSY AREA AND CAPPED FOR FUTURE.
- 1" COLD WATER UP ALONG WALL. PROVIDE 3/4" HOSE BIBB AND CONTINUE UP TO BELOW CEILING.
- 3/4" COLD WATER PIPING DOWN ALONG WALL TO BELOW SLAB WITH SLEEVE. PROVIDE SMALL 1/2" BACKFLOW PREVENTER.
- 3/4" COLD WATER CONTINUED BELOW GRADE TO AUTOFILL CONNECTION ON RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3
- 4" SANITARY SEWER BELOW GRADE TO EXTEND TO RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3

GENERAL NOTES (HVAC)

- CONDUCT FIELD SURVEY OF EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID AND START OF WORK. NO ADDITIONAL PAYMENTS WILL BE MADE ON CLAIMS THAT ARISE FROM LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- COORDINATE SCHEDULE OF WORK REQUIRED IN OCCUPIED AND OPERATING AREAS WITH OWNER PRIOR TO STARTING SUCH WORK.
- SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE IN WRITING.
- PROVIDE ACCESS PANELS TO BALANCE DAMPERS IN EXHAUST SYSTEM.
- CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
- COORDINATE ROUTING OF NEW DUCTWORK WITH EXISTING BUILDING CONDITIONS AND WITH WORK OF OTHER TRADES. PROVIDE CHANGES IN LOCATION, DIRECTION, OFFSETS, AS MAY BE REQUIRED, WHETHER SPECIFICALLY INDICATED OR NOT, AND AT NO ADDITIONAL COST TO THE OWNER. ALL DUCTWORK SHALL BE ABOVE THE DRYWALL CEILING.
- COORDINATE AIR DISTRIBUTION DEVICE LOCATIONS WITH FINAL REFLECTED CEILING PLAN.
- THE DUCTWORK SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- UNLESS OTHERWISE NOTED, DUCTWORK SERVING A SINGLE DIFFUSER, GRILLE OR REGISTER IS TO BE FULL NECK SIZE OF AIR DISTRIBUTION DEVICE FROM BRANCH TAKE-OFF TO DEVICE CONNECTION.
- BUILDING SHALL BE HEATED IN WINTER SEASON. EXHAUST SHALL REMAIN OFF IN WINTER.

33851 Curtis Blvd., 214
Eastlake, OH 44095
T 440.953.8760
F 440.953.1289
www.tecinc1.com

cleveland | columbus



JEFFERSON COMMUNITY PARK IMPROVEMENTS				MECHANICAL PLANS			
VILLAGE OF JEFFERSON				262 E JEFFERSON ST			
REV				DATE			
BY				DATE			
REVISIONS				FOR BID & PERMIT			
DATE				DATE			
07/24/2025				07/24/2025			
JDM				JDM			
REV				DATE			
07/24/2025				07/24/2025			
JDM				JDM			
DRAWN BY:				CHECKED BY:			
JDM				TGP			
APPROVED BY:				TGP			
F.B. NO.:				PG.:			
SCALE:				As indicated			
CONTRACT NO:				242425			
SHEET				M1.01			

