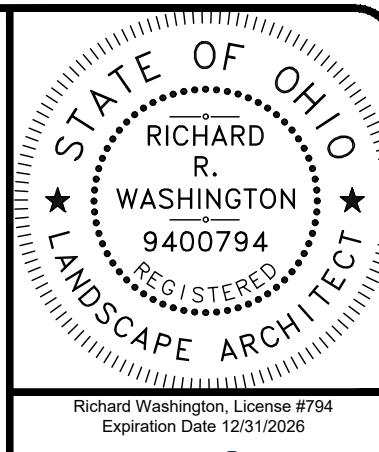


VILLAGE OF JEFFERSON

JEFFERSON COMMUNITY PARK

IMPROVEMENTS

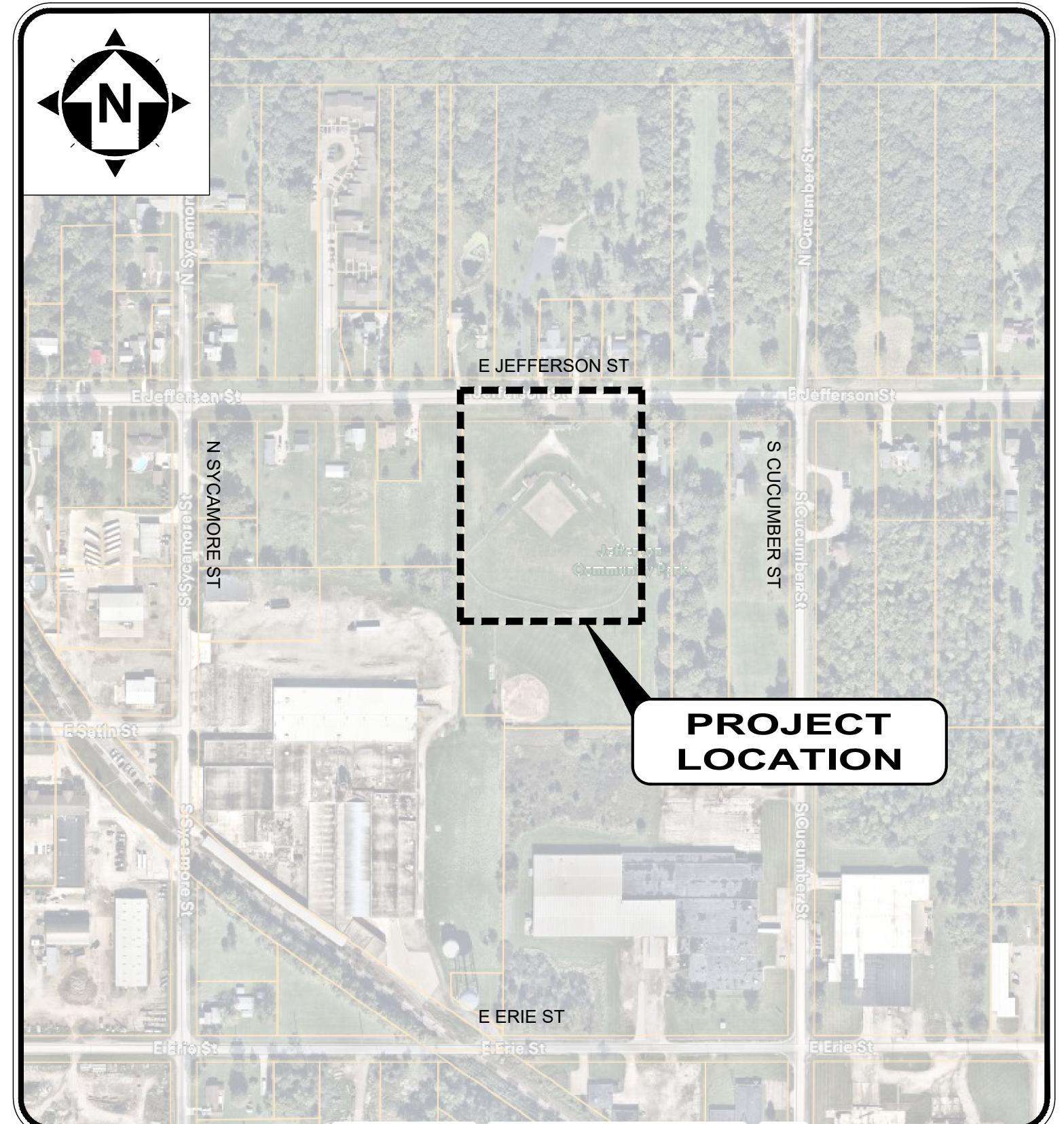
ASHTABULA COUNTY, OHIO



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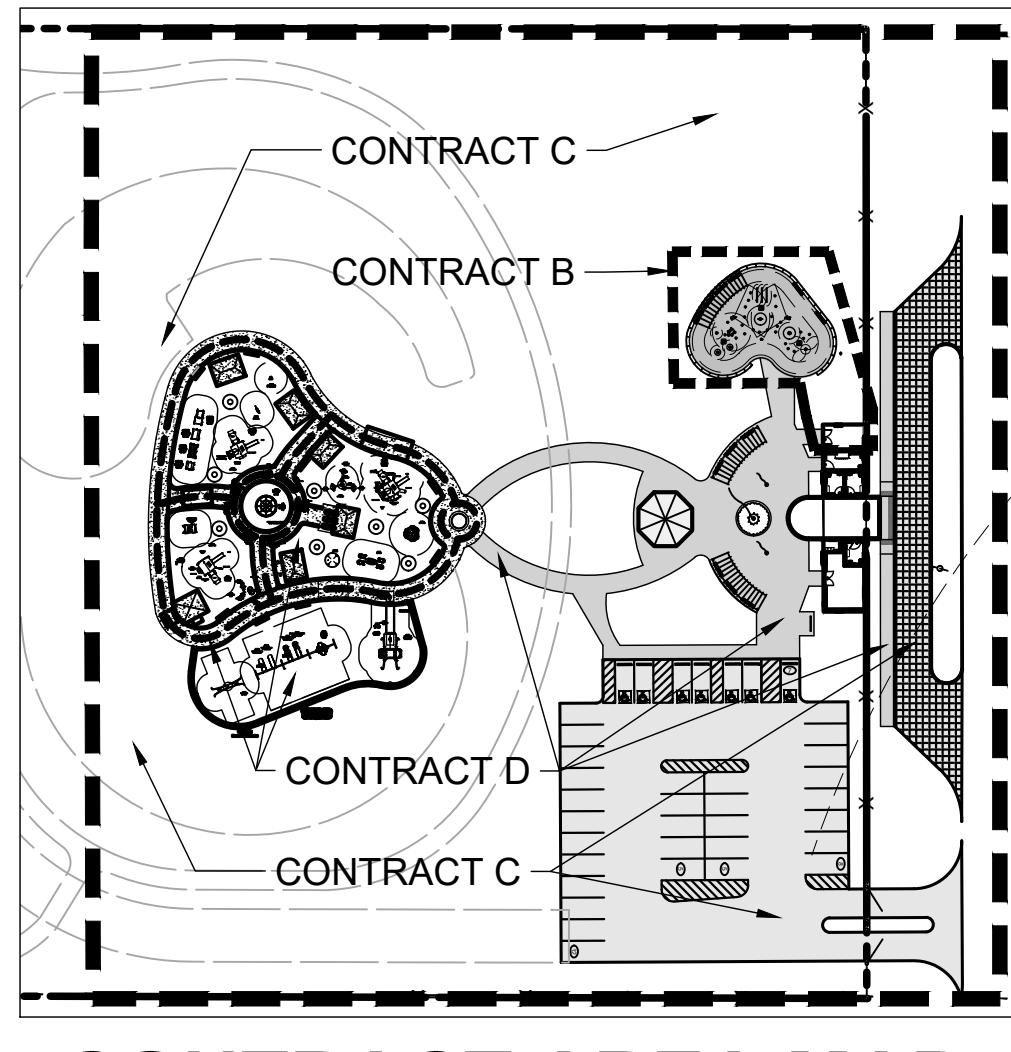
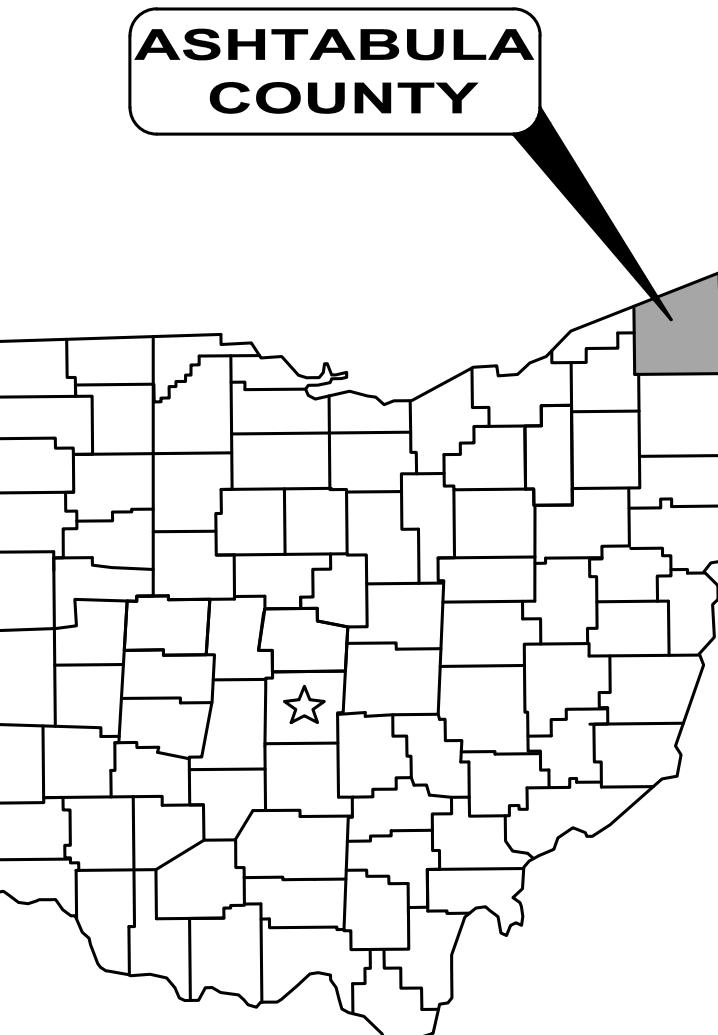
Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING CONDITIONS PLAN
4	OVERALL LAYOUT PLAN
5	LAYOUT PLAN PLAYGROUND
6	LAYOUT PLAN SPLASH PAD
7	OVERALL GRADING PLAN
8	PLAYGROUND AND SPLASH PAD GRADING PLAN
9	STORMWATER POND GRADING PLAN
10	STORMWATER POLLUTION PREVENTION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

DECEMBER 2025



LOCATION MAP

NOT TO SCALE



CONTRACT AREA 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

1. 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.
2. THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.
3. 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.

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ENGINEER'S PROJECT No. 242425

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

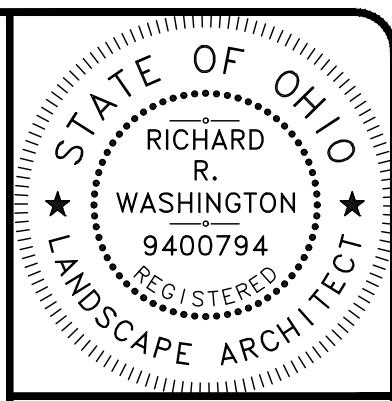
12-15-25

DATE

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



verdantas

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 (OGUPS) 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 OGUPS. 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 44501
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.
ARTHUR STITT
755 AUBURN RD.
PAINESVILLE, OHIO 44077
PHONE: (440)358-4993
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, NEGLECT 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, NEGLECT OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NON-EXECUTION 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 APPURTEANCE 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:

1. POSITIVE DRAINAGE OF ALL CONSTRUCTION AREAS SHALL BE MAINTAINED AT ALL TIMES.

2. 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.

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4. 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

5. 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

1. 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

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING.

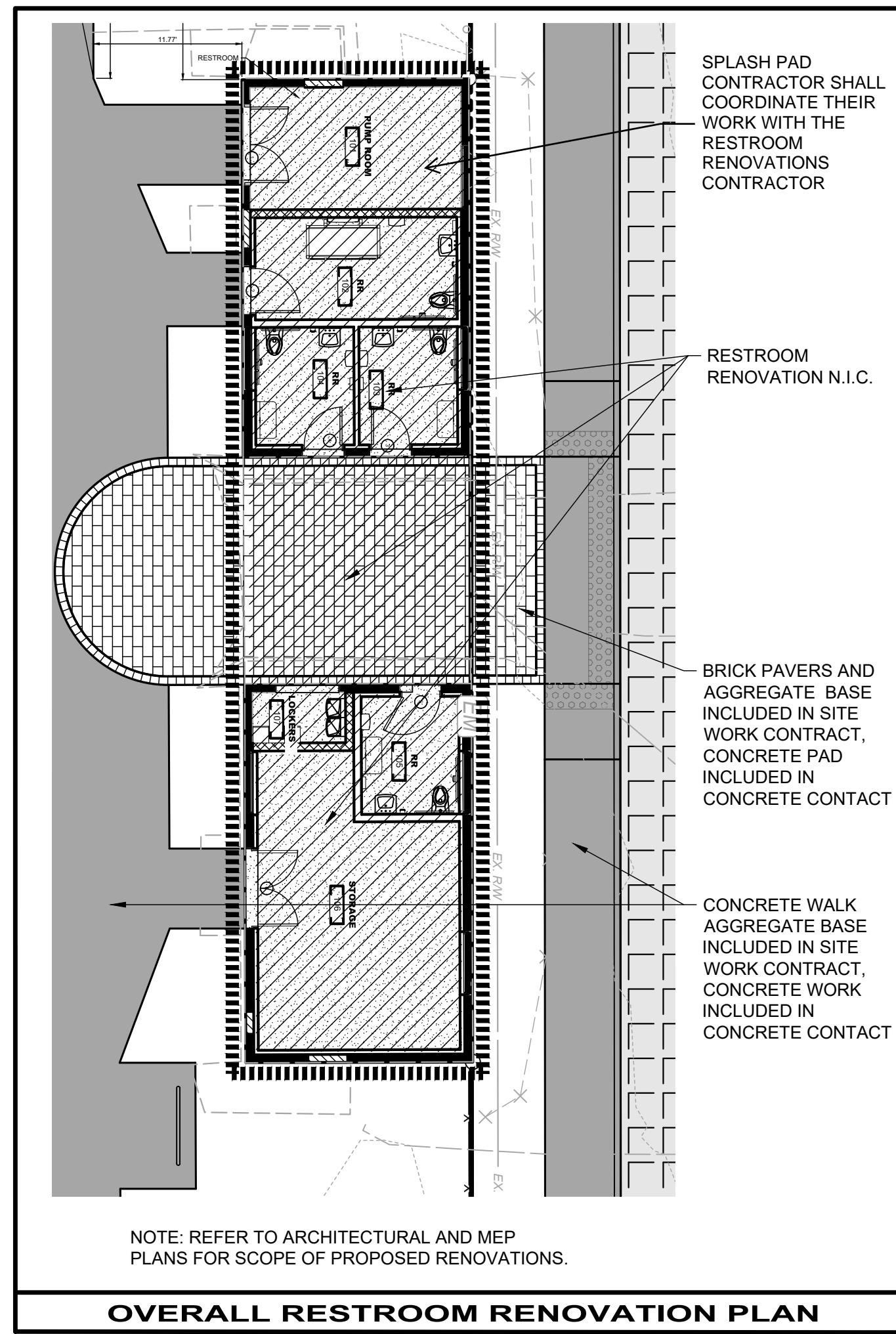
2. ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.

3. 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 THE 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 PREDOMINATE IN ANY DISPUTE OVER ACCURACY OR SUITABILITY OF ELECTRONIC DOCUMENTS.

4. THE CONTRACTOR SHALL MAINTAIN 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.

5. 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.

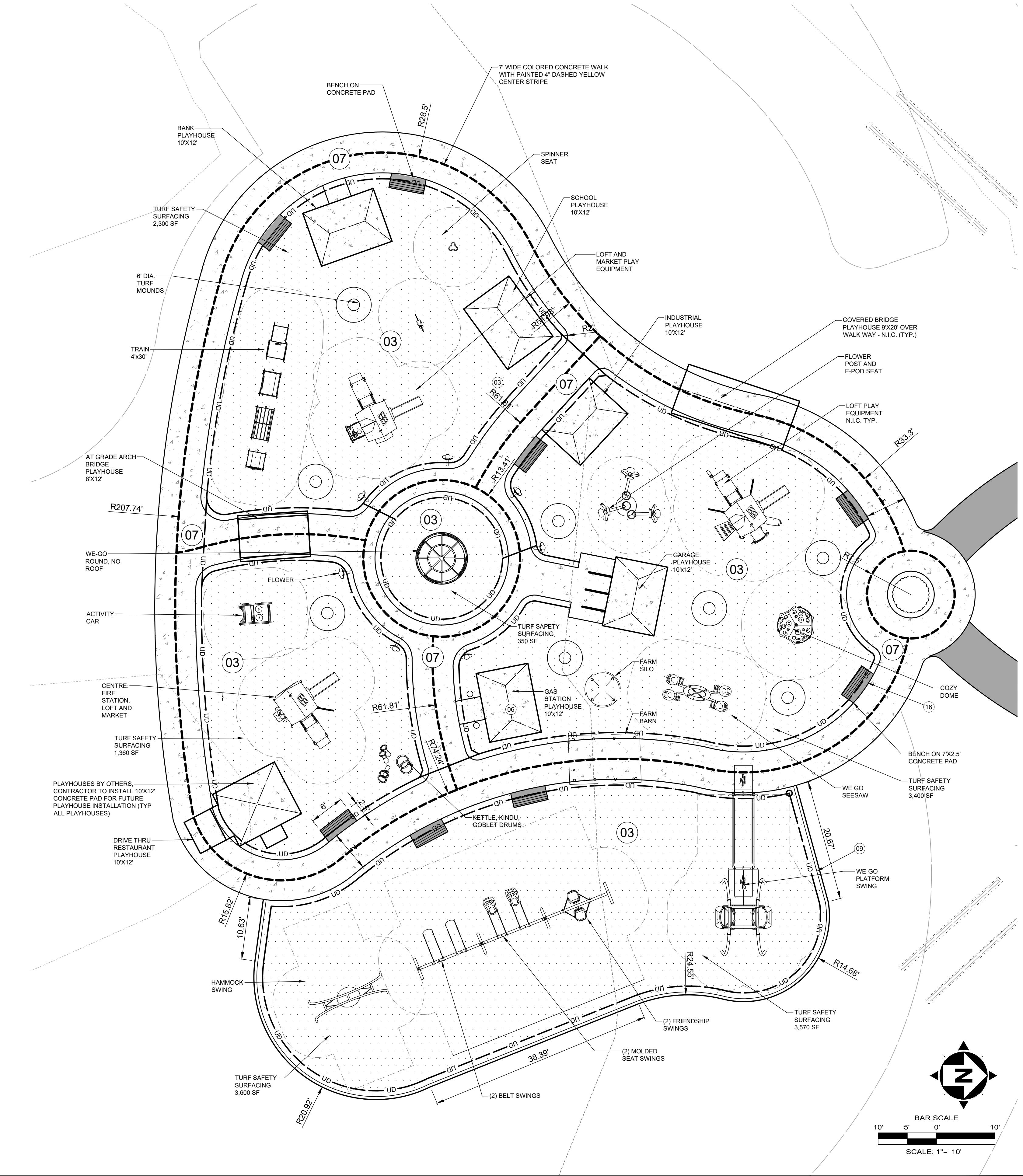
6. ANY ITEM NOT MARKED TO BE REMOVED SHALL REMAIN IN PLACE UNDISTURBED AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.



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	LINESTRIPPING - 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.

LAYOUT BID NOTES

- ITEMS NOT IN CONTRACT (N.I.C.) TO BE PURCHASED BY, INSTALLED AND CONSTRUCTED BY OTHERS INCLUDE:
 - ASPHALT SURFACING FOR THE PARKING LOT, DRIVE AND DROP OFF. THIS SCOPE OF WORK WILL BE PERFORMED BY THE PAVING CONTRACTOR UNDER A SEPARATE CONTRACT WITH THE VILLAGE.
 - PLAY EQUIPMENT, PLAY SURFACING AND PLAY HOUSES
 - SITE FURNISHINGS, PAVILION, FRAMED CANOPIES, FLAGPOLES, SPLASH PAD SEAT WALL, FENCING, GATES, PARKING SIGNS, PARKING BLOCKS AND LIGHT POLES



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

PROJECT NO.
242425
DISCIPLINE
CIVIL
SHEET NAME
C-4
SHEET OF
5 16



verdantas

DATE	REVISION	REBID	NO.	ISSUED FOR:
				12/15/25
				AS SHOWN
				RW
				C2
				RW

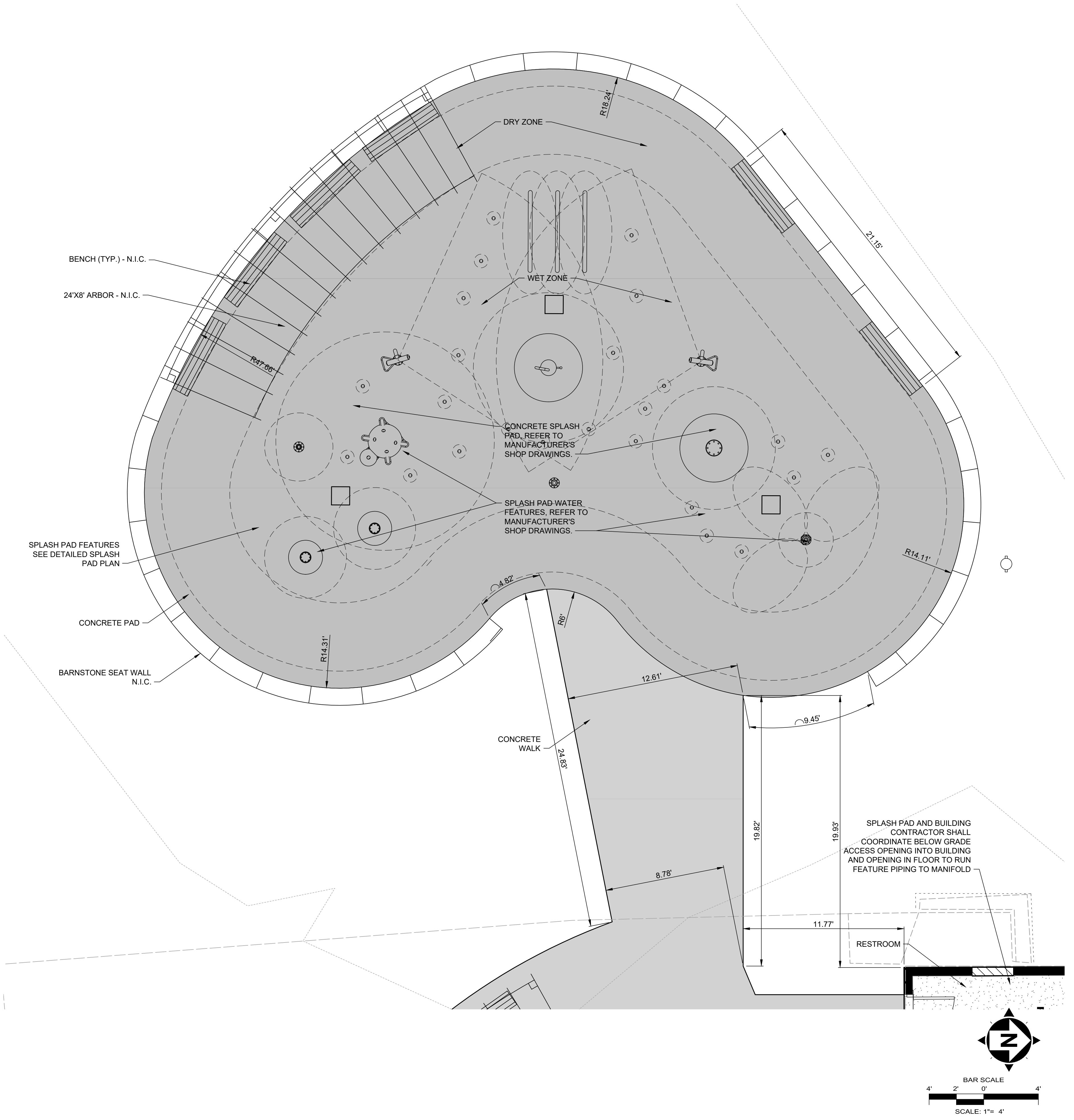
JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

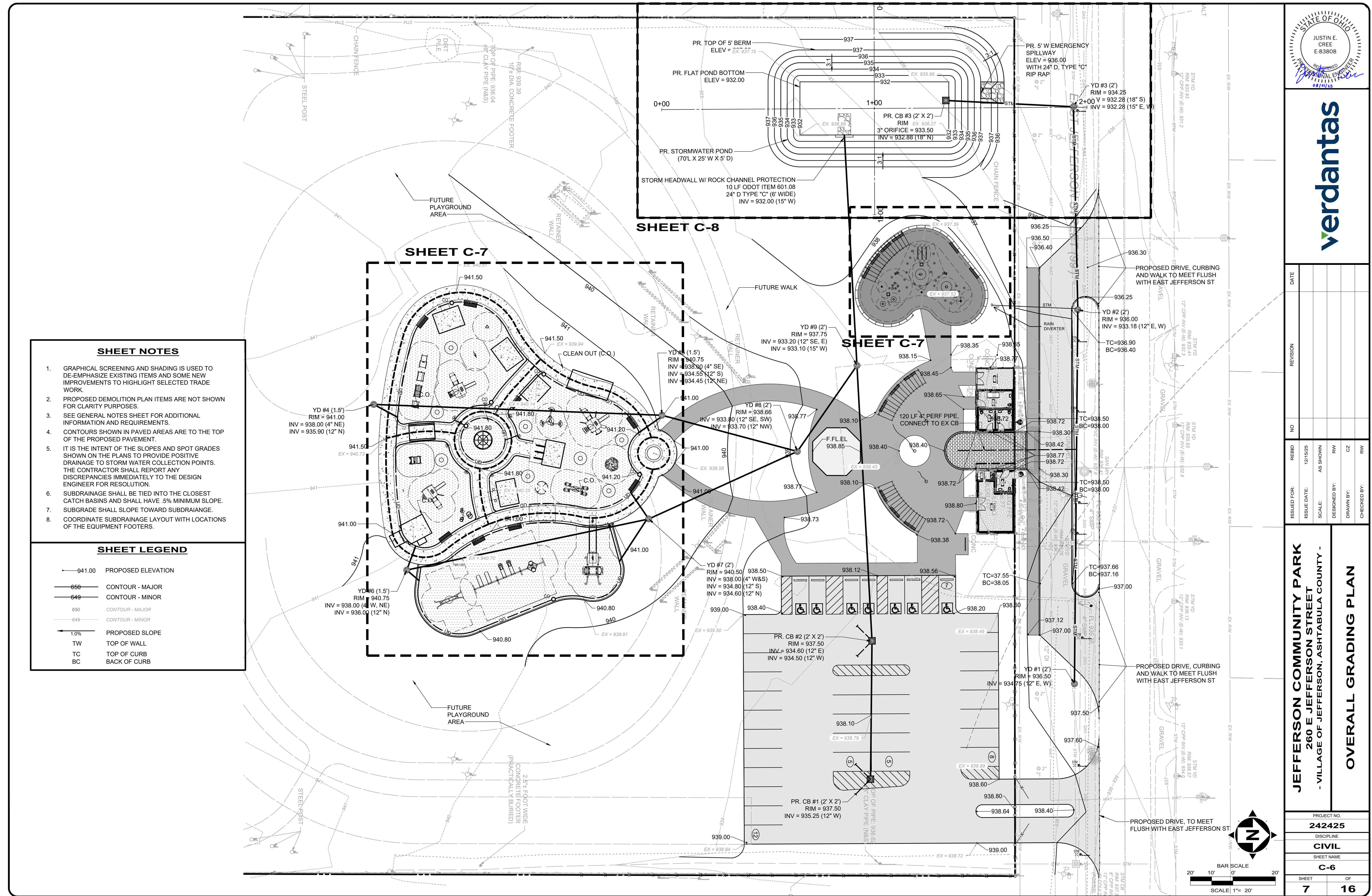
LAYOUT PLAN SPLASH PAD

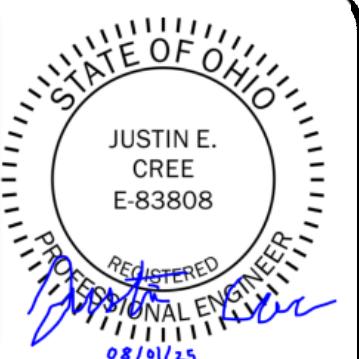
PROJECT NO.
242425
DISCIPLINE
CIVIL
SHEET NAME
C-5
SHEET OF
6 16

CODED NOTES & LEGEND	
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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.





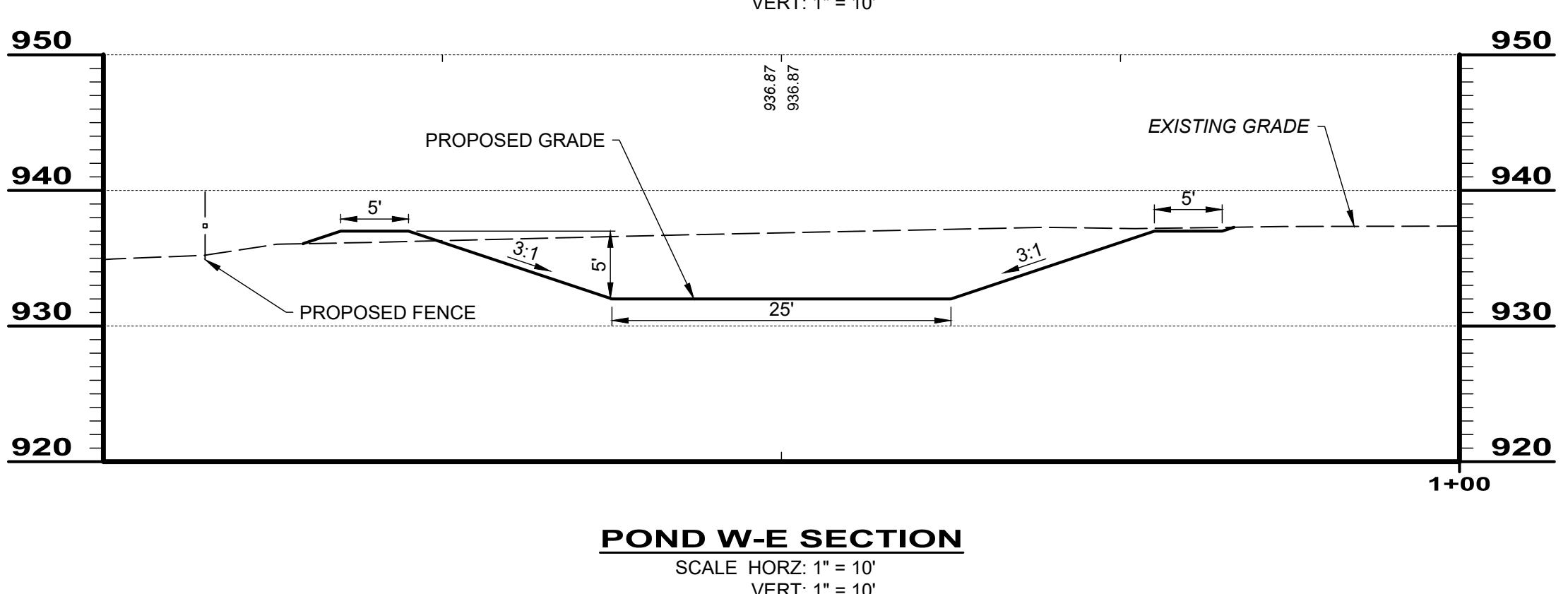
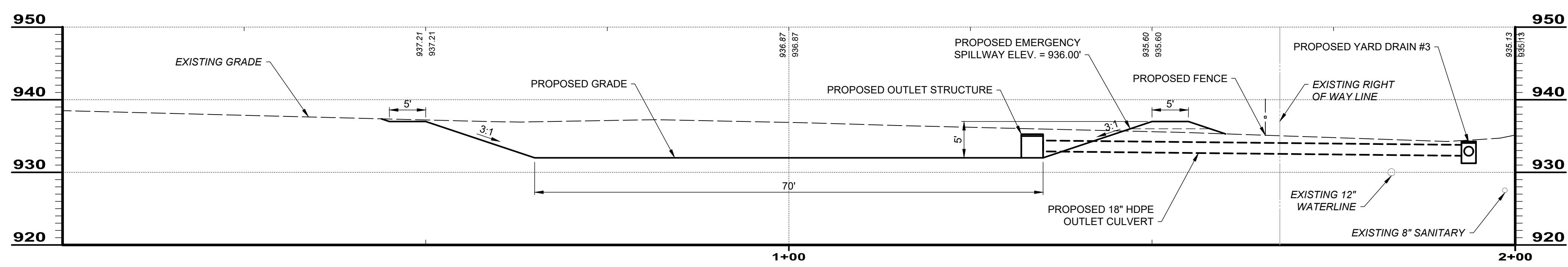
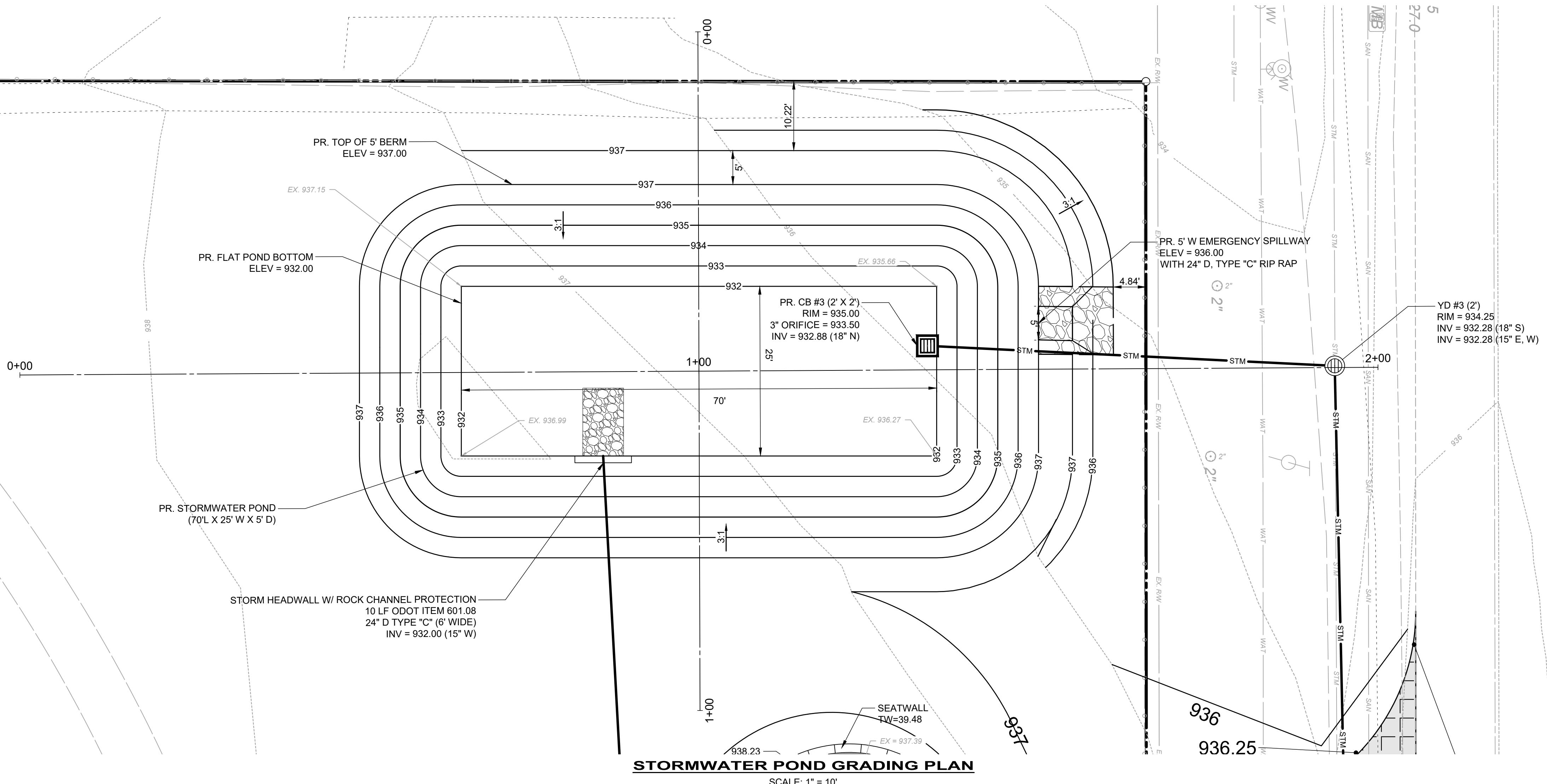


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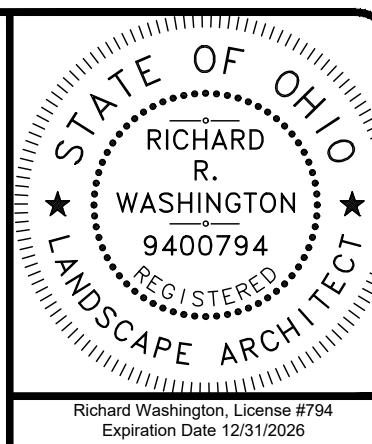
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JEFFERSON COMMUNITY PARK	
260 E JEFFERSON STREET	
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -	
STORMWATER POND GRADING PLAN	

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



SITE INFORMATION <p>PROJECT INFORMATION: 260 E JEFFERSON ST JEFFERSON, OHIO 44047 LATITUDE: 41.73836 LONGITUDE: 80.756073</p> <p>OWNER INFORMATION: VILLAGE OF JEFFERSON 27 E JEFFERSON ST. JEFFERSON, OH 44047 CONTACT: CHRIS MACKENSEN PHONE: 440-576-3946</p> <p>SITE-CIVIL ENGINEER INFORMATION: VERDANTAS 8150 STERLING COURT, MENTOR, OH 44060 CONTACT: RICH WASHINGTON, PLA PHONE: 440-951-9000 EMAIL: RWASHINGTON@VERDANTAS.COM</p> <p>TYPE OF CONSTRUCTION: <input checked="" type="checkbox"/> NEW <input type="checkbox"/> MAINTENANCE <input checked="" type="checkbox"/> REDEVELOPMENT</p> <p>TYPE OF PROJECT: <input checked="" type="checkbox"/> RETAIL <input type="checkbox"/> COMMUNITY <input type="checkbox"/> MIXED USE <input type="checkbox"/> OFFICE <input checked="" type="checkbox"/> RECREATION <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> MEDICAL <input type="checkbox"/> PUBLIC SAFETY <input type="checkbox"/> RESTAURANT <input type="checkbox"/> UTILITY <input type="checkbox"/> EDUCATION <input type="checkbox"/> APARTMENT <input type="checkbox"/> ROAD <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> MANUFACTURING</p> <p>DESCRIPTION OF PROJECT: THIS PROJECT INVOLVES THE INSTALLATION OF A NEW PARKING LOT, RENOVATION OF THE ENTRANCE BUILDING TO INCLUDE RESTROOMS, AND THE ADDITION OF A CENTRAL PLAZA, PERGOLA, GAZEBO, COMPREHENSIVE PLAYGROUND WITH ACCESSIBLE EQUIPMENT, AND A SPLASH PAD. ADDITIONALLY, THE CURRENT ROAD WILL BE EXPANDED TO INCLUDE A DROP-OFF DRIVEWAY THAT ACCOMMODATES SCHOOL BUSES.</p> <p>SOIL DISTURBING ACTIVITIES INCLUDE: EROSION AND SEDIMENT CONTROL INSTALLATION; REMOVAL OF BASEBALL FIELD EQUIPMENT AND FURNISHINGS, GRASS, TOPSOIL, UTILITIES, AND SOIL BENEATH ASPHALT PAVEMENT AND PLAYGROUND; EARTHWORK GRADING; AND INSTALLATION OF NEW SPLASH PAD, PLAYGROUND EQUIPMENT AND RUBBER SURFACE, NEW LIGHT POLES, AND AN ASPHALT PARKING LOT.</p> <p>DESCRIPTION OF PRIOR LAND USE: THE EXISTING SITE IS CURRENTLY USED AS A BASEBALL FIELD, DIVIDED INTO TWO HALVES, EACH FENCED AND UTILIZED FOR ONE BASEBALL FIELD. THERE IS A STORAGE BUILDING LOCATED AT THE ENTRANCE.</p> <p>SITE AREA INFORMATION: TOTAL PROPERTY AREA: 6.50 AC PROJECT LIMIT/CONSTRUCTION AREA: 2.80 AC AREA OF SOIL DISTURBANCE: 2.00 AC EXISTING IMPERVIOUS AREA: 0.05 AC PROPOSED IMPERVIOUS AREA: 0.80 AC INCREASE/DECREASE OF IMPERVIOUS AREA: 0.75 AC</p> <p>NAME OF RECEIVING STREAM, SURFACE WATER OR MS4: VILLAGE OF JEFFERSON MS4</p> <p>QUALITY OF STORM WATER DISCHARGE FROM SITE: UNKNOWN</p> <p>ESTIMATED CONSTRUCTION START DATE: 08/01/2025 ESTIMATED CONSTRUCTION COMPLETION DATE: 05/25/2026</p>		SOIL TYPES <table border="1"> <tr> <td>NAME</td> <td>DESCRIPTION</td> <td>100.0%</td> </tr> <tr> <td>MhA</td> <td>MILL SILT LOAM, 0 TO 2 PERCENT SLOPES.</td> <td></td> </tr> </table>	NAME	DESCRIPTION	100.0%	MhA	MILL SILT LOAM, 0 TO 2 PERCENT SLOPES.		EROSION CONTROL NOTES <ol style="list-style-type: none"> 1. SPECIAL MEASURES SHALL BE TAKEN TO STABILIZE DRAINAGE CHANNELS AND STORM WATER OUTFALLS. 2. DIVERT SURFACE RUNOFF AWAY FROM DISTURBED AREAS AND STEEP SLOPES WHEREVER PRACTICABLE. 3. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN THE TIME FRAMES IN THE FOLLOWING TABLES: <table border="1"> <thead> <tr> <th>AREA REQUIRING TEMPORARY STABILIZATION</th> <th>TIME FRAME TO APPLY CONTROLS</th> </tr> </thead> <tbody> <tr> <td>AREA WITHIN 50 FEET OF A SURFACE WATER, NOT AT FINAL GRADE AND TO REMAIN IDLE MORE THAN 14 DAYS</td> <td>WITHIN 2 DAYS OF MOST RECENT DISTURBANCE</td> </tr> <tr> <td>ANY OTHER AREA TO BE DORMANT MORE THAN 14 DAYS, BUT LESS THAN 1 YEAR</td> <td>WITHIN 7 DAYS OF MOST RECENT DISTURBANCE</td> </tr> <tr> <td>AREA TO REMAIN IDLE OVER WINTER</td> <td>PRIOR TO ONSET OF WINTER WEATHER</td> </tr> <tr> <td>AREA TO BE PAVED</td> <td>STABILIZE WITH STONE SUBBASE UNTIL PAVED</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>AREA REQUIRING PERMANENT STABILIZATION</th> <th>TIME FRAME TO APPLY CONTROLS</th> </tr> </thead> <tbody> <tr> <td>AREA TO BE DORMANT FOR 1 YEAR OR MORE</td> <td>WITHIN 7 DAYS OF MOST RECENT DISTURBANCE</td> </tr> <tr> <td>AREA WITHIN 50 FEET OF A SURFACE WATER AND AT FINAL GRADE</td> <td>WITHIN 2 DAYS OF REACHING FINAL GRADE</td> </tr> <tr> <td>ANY OTHER AREA AT FINAL GRADE</td> <td>WITHIN 7 DAYS OF REACHING FINAL GRADE</td> </tr> </tbody> </table>	AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY CONTROLS	AREA WITHIN 50 FEET OF A SURFACE WATER, NOT AT FINAL GRADE AND TO REMAIN IDLE MORE THAN 14 DAYS	WITHIN 2 DAYS OF MOST RECENT DISTURBANCE	ANY OTHER AREA TO BE DORMANT MORE THAN 14 DAYS, BUT LESS THAN 1 YEAR	WITHIN 7 DAYS OF MOST RECENT DISTURBANCE	AREA TO REMAIN IDLE OVER WINTER	PRIOR TO ONSET OF WINTER WEATHER	AREA TO BE PAVED	STABILIZE WITH STONE SUBBASE UNTIL PAVED	AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY CONTROLS	AREA TO BE DORMANT FOR 1 YEAR OR MORE	WITHIN 7 DAYS OF MOST RECENT DISTURBANCE	AREA WITHIN 50 FEET OF A SURFACE WATER AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE	ANY OTHER AREA AT FINAL GRADE	WITHIN 7 DAYS OF REACHING FINAL GRADE	TMMLS AND BMPs SELECTED <ol style="list-style-type: none"> 1. APPLICABLE TMMLS FOR THE SITE: (X) PHOSPHORUS <input type="checkbox"/> AMMONIA <input checked="" type="checkbox"/> HABITAT (X) NITROGEN <input type="checkbox"/> BACTERIA <input type="checkbox"/> FLOW () SEDIMENT/TOTAL SUSPEND SOLIDS (X) DISSOLVED OXYGEN/ORGANIC ENRICHMENT 2. THE FOLLOWING BMPs ARE SELECTED TO ADDRESS APPLICABLE TMMLS FOR THE PROJECT: <p>CONSTRUCTION SITE: () DEMARQUE PROTECTED AREA BEFORE CONSTRUCTION (X) MAINTAIN PORTABLE TOILET AND EMPTY W/OUT SPILL () PROPER STORAGE OF LANDSCAPE FERTILIZER (X) MS4 MONTHLY INSPECTIONS DURING CONSTRUCTION (X) RESOLVE NON-COMPLIANCE SW3P INSPECTION ITEMS () FINAL INSPECTION TO ENSURE BMP IMPLEMENTATION</p> <p>TEMPORARY EROSION CONTROL: () CHECK DAMS <input type="checkbox"/> TEMPORARY DIVERSION () SLOPE DRAIN <input type="checkbox"/> STREAM UTILITY CROSSING () DEWATERING <input type="checkbox"/> STREAM CROSSING</p> <p>TEMPORARY SEDIMENT CONTROL: (X) SEDIMENT BASIN <input type="checkbox"/> SEDIMENT TRAP (X) SILT FENCE <input type="checkbox"/> INLET PROTECTION () FILTER SOCK <input type="checkbox"/> FILTER BERM</p> <p>SOIL STABILIZATION: (X) DUST CONTROL <input type="checkbox"/> PHASED DISTURBANCE (X) MULCHING <input type="checkbox"/> CLEARING AND GRUBBING () SODDING <input type="checkbox"/> TEMPORARY SEEDING (X) TOPSOILING <input type="checkbox"/> PERMANENT SEEDING () GRADE TREATMENT <input type="checkbox"/> CONSTRUCTION ENTRANCE () TEMPORARY ROLLED EROSION CONTROL PRODUCTS () TURF REINFORCEMENT MATTING () TREE AND NATURAL AREA PRESERVATION</p> <p>PERMANENT EROSION CONTROL: (X) GRASSED SWALE <input type="checkbox"/> ROCK LINED CHANNEL () LEVEL SPREADER <input type="checkbox"/> ROCK OUTLET PROTECTION () DIVERSION <input type="checkbox"/> SUBSURFACE DRAIN</p> <p>POLLUTION PREVENTION AND GOOD HOUSEKEEPING: (X) ROUTINE FACILITY INSPECTIONS (X) VISUAL ASSESSMENT OF STORM WATER DISCHARGE () ANNUAL COMPREHENSIVE SITE INSPECTION (X) SWEEP PARKING LOT AND DRIVE LANES (X) CLEAN CATCH BASINS (X) STORE WASTE IN LIDDED CONTAINERS () LOCATE SNOW DISPOSAL AREAS AWAY FROM BMPs () ESTABLISH "PICK-UP PET WASTE" STATION</p> <p>POST-CONSTRUCTION: () WETLAND SETBACK <input type="checkbox"/> STREAM SETBACK () WATER QUALITY POND <input type="checkbox"/> PERMEABLE PAVEMENT () GRASS FILTER STRIP <input type="checkbox"/> INFILTRATION TRENCH () TREE BOX FILTER <input type="checkbox"/> SAND FILTER () GREEN ROOF <input type="checkbox"/> LTMA () BIORETENTION AREA <input type="checkbox"/> CISTERN () BIORETENTION WITH INTERNAL WATER STORAGE (X) OPEN CHANNEL SWALES () WET EXTENDED DETENTION BASIN (X) DRY EXTENDED DETENTION BASIN WITH FOREBAY () RETROFIT SWMF TO TREAT WQV () RETROFIT SWMF TO INCREASE INFILTRATION () RETROFIT SWMF POND TO FUNCTION AS WETLAND () AS-BUILT POST-BMPs () SUBMIT LTMA ANNUAL MAINTENANCE REPORT TO MS4 () VEGETATE MAINTENANCE/STORAGE YARD OPEN AREAS () IMPLEMENT LOW-MOW OR NO-MOW PRACTICES () PEST MANAGEMENT PROGRAM</p>	MAINTENANCE REQUIREMENTS <ol style="list-style-type: none"> 1. BMPs SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL UPSLOPE AREAS THEY CONTROL ARE STABILIZED. 2. THE CONTRACTOR SHALL PROVIDE A QUALIFIED PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROLS, POSSESS THE TECHNICAL SKILLS TO ASSESS SITE CONDITIONS THAT COULD IMPACT STORM WATER QUALITY, AND CAN ASSESS THE EFFECTIVENESS OF ANY BMP SELECTED. 3. A QUALIFIED PERSON MUST INSPECT BMPs AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL IN A 24-HOUR PERIOD TO DETERMINE IF THE SWP3 WAS PROPERLY IMPLEMENTED. 4. THE QUALIFIED PERSON MUST PREPARE A WRITTEN REPORT AFTER EACH INSPECTION SUMMARIZING INSPECTION RESULTS INCLUDING THE FOLLOWING: <ul style="list-style-type: none"> • DATE OF INSPECTION • NAME AND QUALIFICATION OF THE INSPECTOR • WEATHER CONDITIONS • LOCATIONS WHERE IN-STREAM OR OFF-SITE SEDIMENTATION OR OTHER POLLUTANTS WERE OBSERVED. • LOCATIONS OF BMPs NEEDING MAINTENANCE. • LOCATIONS OF BMPs FAILING TO OPERATE CORRECTLY OR PROVIDE ADEQUATE PROTECTION. • LOCATION OF AREAS IN NEED OF ADDITIONAL BMPs NOT IN PLACE AT THE TIME OF INSPECTION. • CORRECTIVE ACTIONS REQUIRED, CHANGES TO THE SWP3 AND IMPLEMENTATION DATES. • GRADING AND STABILIZATION ACTIVITY LOG • EROSION AND SEDIMENT CONTROL AMENDMENT LOG 5. ALL INCIDENCES OF NON-COMPLIANCE MUST BE IDENTIFIED IN THE REPORT. IF A REPORT DOES NOT IDENTIFY INCIDENCES OF NON-COMPLIANCE, IT MUST CONTAIN A CERTIFICATION THE SITE IS IN COMPLIANCE AT THE TIME OF INSPECTION. 6. BMP MAINTENANCE OR REPAIR MUST BE COMPLETED WITHIN 3 DAYS, AND SEDIMENT POND MAINTENANCE OR REPAIR WITHIN 10 DAYS, OF THE INSPECTION THAT REVEALED A DEFICIENCY. 7. WHEN AN INSPECTION REVEALS A BMP IS NOT EFFECTIVE AND A MORE APPROPRIATE BMP IS REQUIRED, THE SWP3 SHALL BE AMENDED. THE NEW BMP INSTALLED WITHIN 10 DAYS OF THE INSPECTION THAT REVEALED THE DEFICIENCY, AND THE "STORMWATER POLLUTION PREVENTION PLAN AMENDMENT LOG" FORM COMPLETED. 8. WHEN AN INSPECTION REVEALS A BMP HAS NOT BEEN INSTALLED, BUT IS REQUIRED TO PROVIDE ADEQUATE CONTROL, IT MUST BE INSTALLED PRIOR TO THE NEXT STORM EVENT WHICH PRODUCES RUNOFF, BUT IN NO CASE LATER THAN 10 DAYS FROM THE INSPECTION THAT REVEALED THE DEFICIENCY. 9. THE INSPECTION FREQUENCY MAY BE REDUCED TO 1 TIME PER MONTH IF THE ENTIRE SITE IS TEMPORARILY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WINTER WEATHER (I.E. SUSTAINED SNOW COVER OR FROZEN GROUND CONDITIONS). A WAIVER OF INSPECTION REQUIREMENTS IS AVAILABLE UNTIL 1 MONTH BEFORE THAWING CONDITIONS ARE EXPECTED IF ALL THE FOLLOWING CONDITIONS ARE MET: 10. FROZEN CONDITIONS ARE ANTICIPATED TO CONTINUE FOR EXTENDED PERIODS OF TIME (I.E. MORE THAN 1 MONTH). 11. SOIL DISTURBANCE ACTIVITIES HAVE BEEN SUSPENDED. 12. THE BEGINNING AND ENDING DATES OF THE WAIVER PERIOD ARE DOCUMENTED IN THE SWP3. 13. ONCE A DEFINABLE AREA HAS BEEN FULLY STABILIZED, IT MAY BE MARKED ON THE SWP3 AND NO FURTHER INSPECTION REQUIREMENTS ARE REQUIRED FOR THAT AREA OF THE SITE. 14. INSPECTIONS SHALL BE PERFORMED UNTIL A NOT IS FILED WITH THE OHIO EPA. 15. INSPECTION RECORDS ARE TO BE KEPT FOR 3 YEARS AFTER TERMINATION OF CONSTRUCTION ACTIVITY.
NAME	DESCRIPTION	100.0%																											
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PLAN CERTIFICATION <p>I, THE UNDERSIGNED, 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, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGED THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWN VIOLATIONS.</p> <p>DATE: 06/13/2025 ENGINEER OWNER/SITE OPERATOR DATE: _____</p>		SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES <ol style="list-style-type: none"> 1. CONTACT CITY OF MENTOR PRIOR TO ANY EARTH MOVING ACTIVITY. 2. CONTRACTOR SUBMITS CONSTRUCTION SCHEDULE FOR CONSTRUCTION ACTIVITIES. 3. BEGIN INSPECTION, MAINTENANCE, RECORD KEEPING AND SITE POSTING OF BMPs. 4. ESTABLISH STAGING AREA AND NON-SEDIMENT BMPs. 5. INSTALL SILT FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE. 6. INSTALL OTHER TEMPORARY EROSION, SEDIMENT BASIN, AND SEDIMENT CONTROL ITEMS AS SOON AS POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER FIRST SOIL DISTURBANCE. INSPECT AND MAINTAIN BMPs FOR THE PROJECT DURATION UNTIL UPSLOPE AREAS ARE PERMANENTLY STABILIZED. 7. BEGIN SITE DEMOLITION AND CONSTRUCTION. 8. BEGIN EARTHWORK OPERATIONS TO ALLOW FOR INSTALLATION OF THE STORM SEWERS. 9. INSTALL STORM SEWERS AND INLETS. 10. BEGIN MASS GRADING OF THE SITE. 11. CONSTRUCT REMAINING WATER AND ELECTRIC UTILITIES. 12. INSTALL CONCRETE CURBS AND ASPHALT PAVEMENT. 13. INSPECT AND CLEAN EXISTING AND NEW STORM SEWERS AND INLETS. 14. CONVERT SEDIMENT BASIN TO POST-CONSTRUCTION DESIGN. 15. APPLY PERMANENT SEED. 16. INSTALL LANDSCAPING. 17. CONTINUE INSPECTIONS, MAINTENANCE, RECORD KEEPING, AND SITE POSTING UNTIL FINAL STABILIZATION ACHIEVED. 18. REMOVE TEMPORARY BMPs FROM STORM SEWER AND INLETS, AND OPEN GUTTERS AND DITCHES TO OBTAIN FREE DRAINAGE. 19. DISPOSE OF ALL DEBRIS AND WASTE MATERIAL. 																											
STORMWATER POLLUTION PREVENTION PLAN NOTES <p>PROJECT NO.: 242425 DISCIPLINE: CIVIL SHEET NAME: SWP-2 SHEET OF: 11 OF: 16</p>		<p>JEFFERSON COMMUNITY PARK 260 E JEFFERSON STREET - VILLAGE OF JEFFERSON, ASHTABULA COUNTY -</p>																											

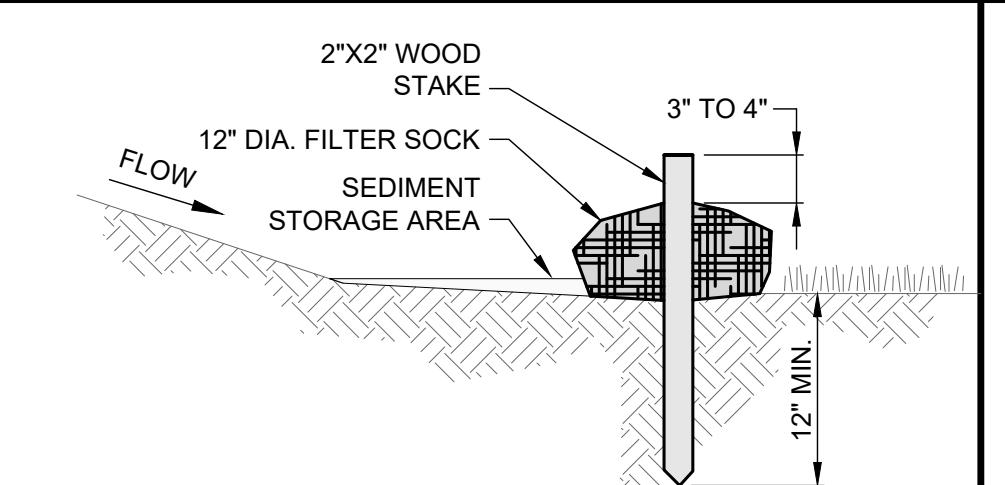
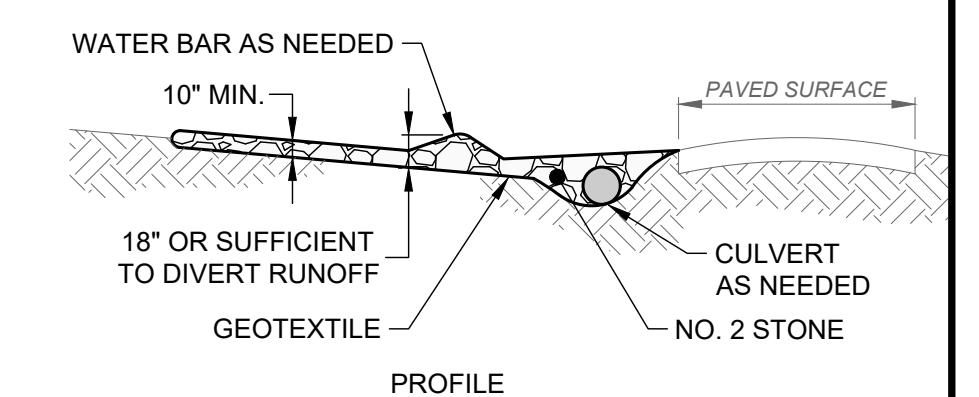
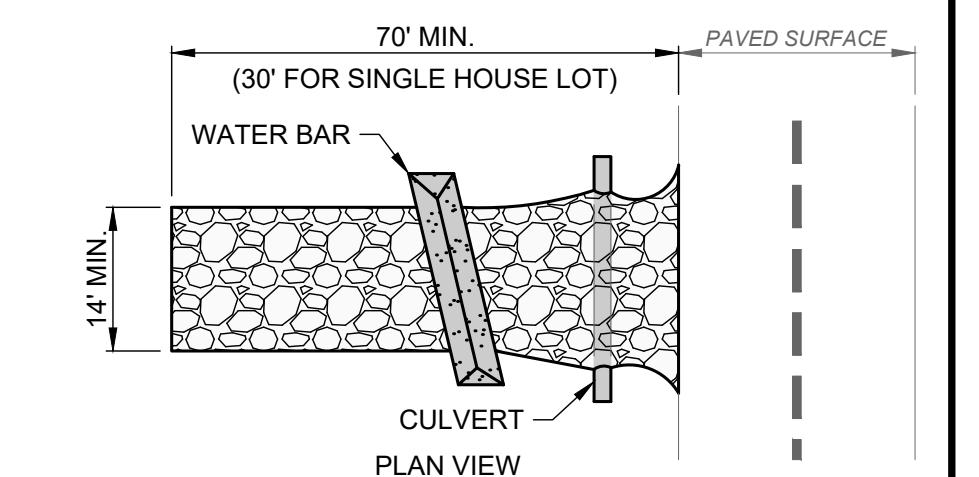
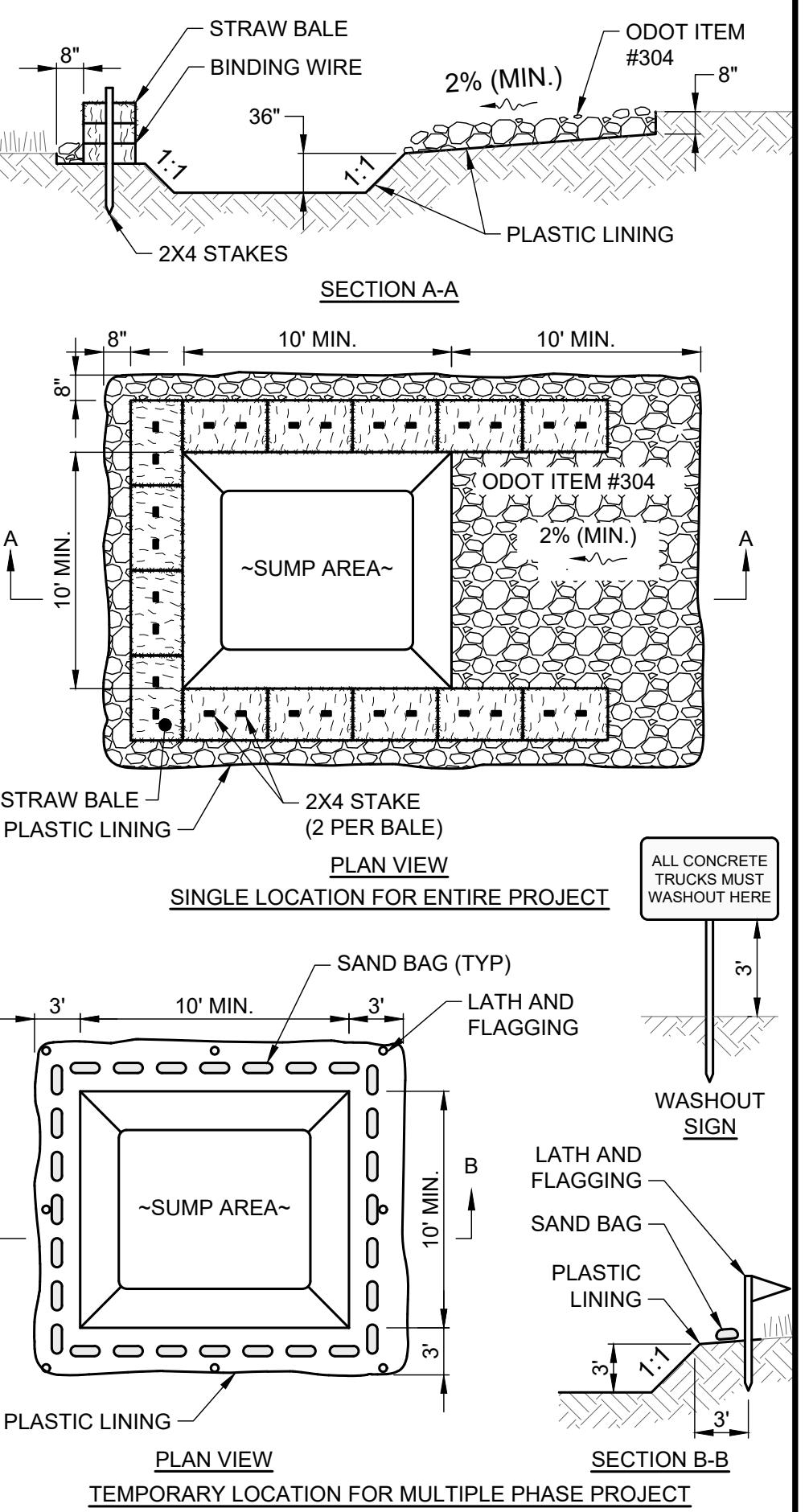
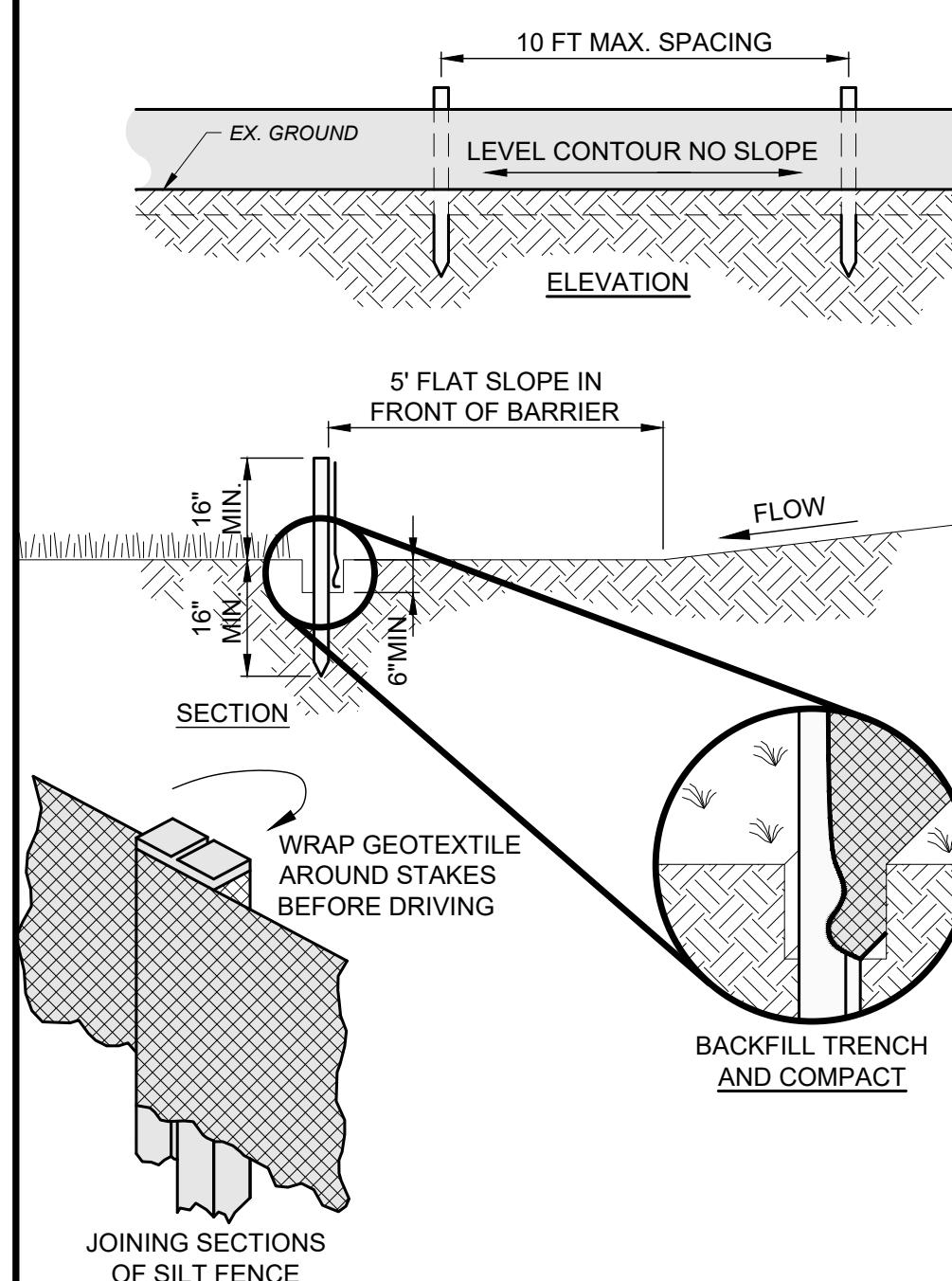


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- NOTES:
- 1) SUBSOILING SHALL OCCUR WHEN SOIL MOISTURE IS LOW ENOUGH TO ALLOW THE SOIL TO CRACK OR FRACTURE. SUBSOILING IS NOT PERMITTED ON SLIP-PRONE AREAS.
 - 2) THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
 - 3) THE SEEDBED SHALL BE PREPARED BY APPLYING AGRICULTURAL GROUND LIMESTONE OR FERTILIZER AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, APPLY LIME AT 2 TONS/AC. OR FERTILIZER AT 500 LB/AC. OF 10-10-10 OR 12-12-12 ANALYSIS. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 3".
 - 4) APPLY SEED UNIFORMLY ON FIRM, MOIST SEED BED.
 - 5) SEEDING SHOULD BE APPLIED FROM MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. IF SEEDING OCCURS OUTSIDE OF THESE DATES, ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM OF 80% GERMINATION. TILLAGE FOR SEEDBED PREPARATION SHALL OCCUR WHEN THE SOIL IS DRY ENOUGH TO CRUMBLE AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND.
 - 6) SEEDING SHOULD NOT BE APPLIED FROM OCTOBER 1 TO NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE, BUT WILL NOT SURVIVE THE WINTER. USE THE FOLLOWING METHODS FOR DORMANT SEEDING:
 - FROM OCTOBER 1 TO NOVEMBER 20, INCREASE THE SEEDING RATE BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
 - FROM NOVEMBER 20 TO MARCH 15, ONLY IF SOIL CONDITIONS PERMIT, INCREASE THE SEEDING RATE BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, APPLY THE SEED MIXTURE, MULCH AND ANCHOR.
 - 7) APPLY MULCH MATERIAL IMMEDIATELY AFTER SEEDING.
 - 8) PERMANENT SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS AS NEEDED. AVOID EXCESSIVE IRRIGATION AND MONITOR TO PREVENT EROSION AND DAMAGE FROM RUNOFF.
 - 9) 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.
 - 10) ADEQUATE PERMANENT VEGETATION SHALL BE GROWN COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.
 - 11) REFER TO SPECIFICATIONS AND RESTORATION PLAN FOR PERMANENT SEED MIXES.

PERMANENT SEEDING DETAIL

SCALE: NONE



- NOTES:
- 1) FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST.
 - 2) COMPOST SHALL BE WEED, PATHOGEN AND INSECT FREE, FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH, BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER, AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
 - 3) FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES PARALLEL TO THE BASE OF THE SLOPE. ON SLOPES APPROXIMATELY 2:1, ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND MID-SLOPE.
 - 4) FILTER SOCKS SHALL BE PLACED AT LEAST 5' FROM THE TOE OF SLOPE FOR SEDIMENT DEPOSIT.
 - 5) BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE FILTER SOCK HEIGHT.
 - 6) WHEN A FILTER SOCK IS NO LONGER REQUIRED, IT SHALL BE DISPERSED ON-SITE.
 - 7) THE MAXIMUM DRAINAGE AREA PER 100 FEET OF FILTER SOCK IS 1/2 ACRE AND IS DEPENDENT ON THE SLOPE FOLLOWING THE GUIDANCE CHART BELOW:

FILTER SOCK DETAIL (ALT. TO SILT FENCE)

SCALE: NONE

ISSUED FOR:	REBID	NO
ISSUE DATE:	12/15/25	
SCALE:	AS SHOWN	
DESIGNED BY:	RW	
DRAWN BY:	CZ	
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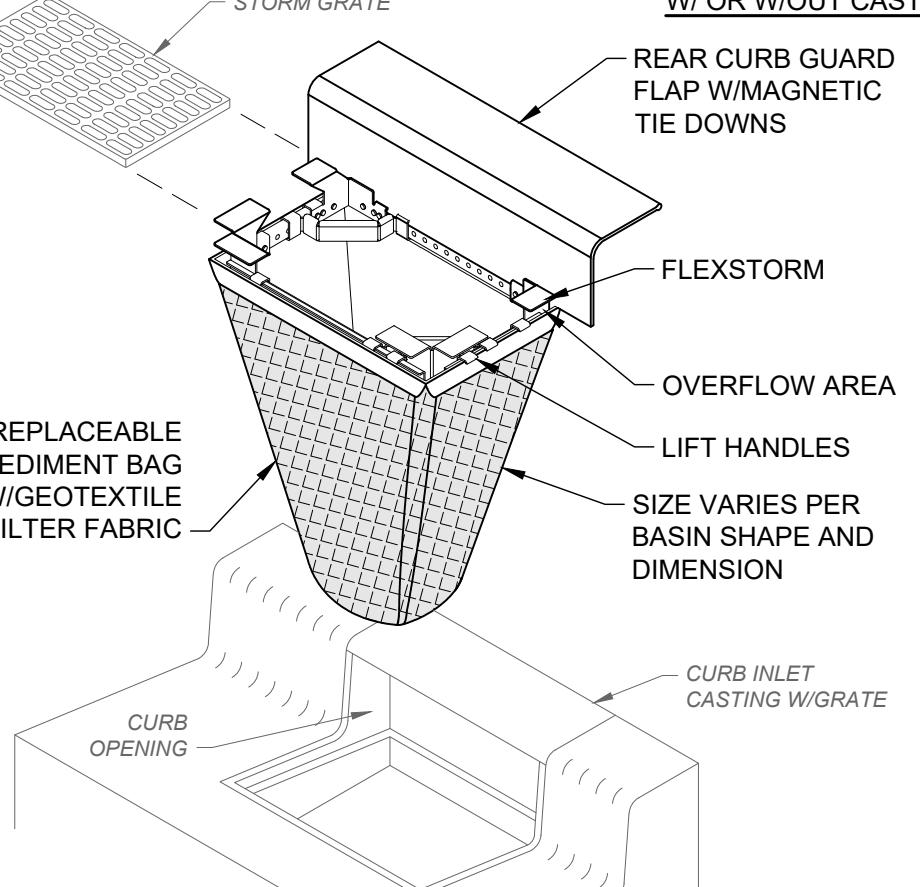
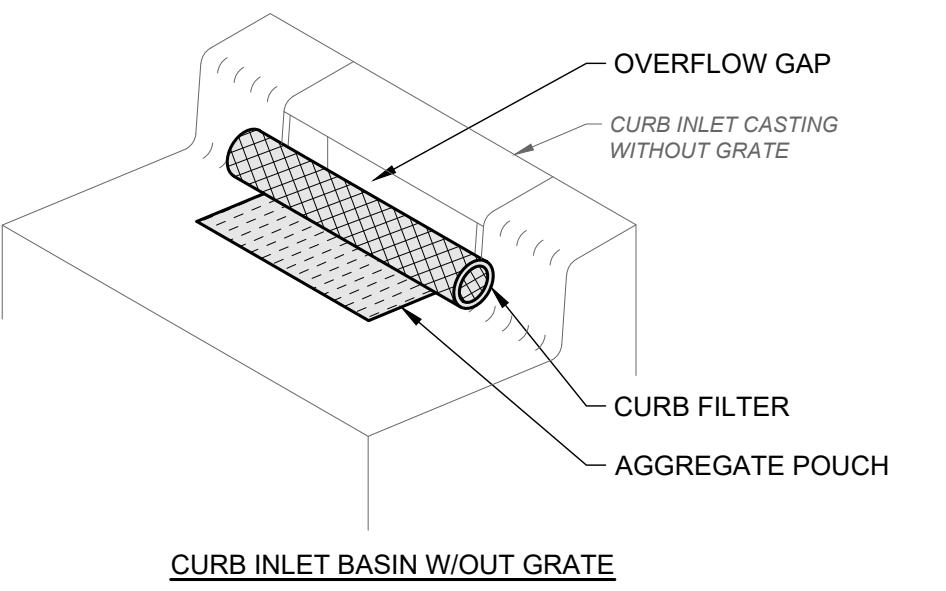
JEFFERSON COMMUNITY PARK 260 E JEFFERSON STREET - VILLAGE OF JEFFERSON, ASHTABULA COUNTY -	STORMWATER POLLUTION PREVENTION PLAN DETAILS
PROJECT NO. 242425	DISCIPLINE CIVIL

SHEET 12	OF 16
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- NOTES:
- 1) MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - UNROTTED SMALL GRAIN STRAW SPREAD UNIFORMLY AT 2 TONS/AC. (2 TO 3 BALES).
 - WOOD-CELLULOSE FIBER (I.E. HYDROSEEDING) APPLIED AT 1 TON/AC.
 - ROLLED EROSION CONTROL PRODUCT OR MULCH MATTING APPLIED PER MANUFACTURER RECOMMENDATION.
 - WOOD MULCH OR CHIPS APPLIED AT 6 TONS/AC.
 - 3) MULCH SHALL BE ANCHORED IMMEDIATELY BY ONE OF THE FOLLOWING METHODS:
 - PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL USING A DISK, CRIMPER OR SIMILAR TOOL. DO NOT FINELY CHOP STRAW TO BE MECHANICALLY ANCHORED, BUT LEAVE LONGER THAN 6".
 - USE NETTING PER MANUFACTURER RECOMMENDATION IN AREAS OF CONCENTRATED RUNOFF OR ON CRITICAL SLOPES.
 - SYNTHETIC BINDERS AT MANUFACTURER RATE.
 - WOOD-CELLULOSE FIBER BINDER AT A NET DRY WEIGHT OF 750 LB/AC. MIXED WITH WATER, AND CONTAIN 50 LB/100 GAL. MAX. OF WOOD CELLULOSE FIBER.

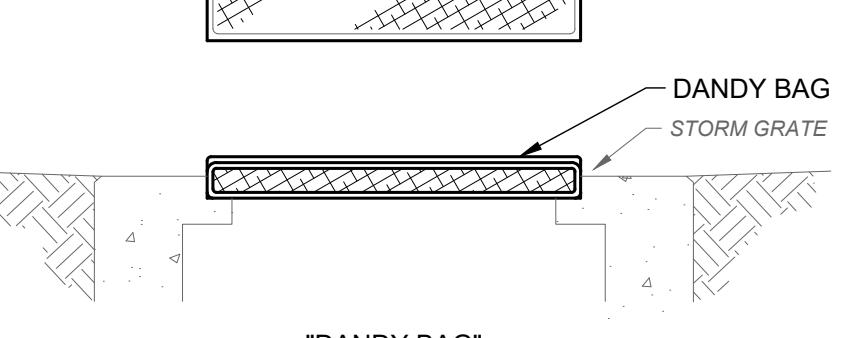
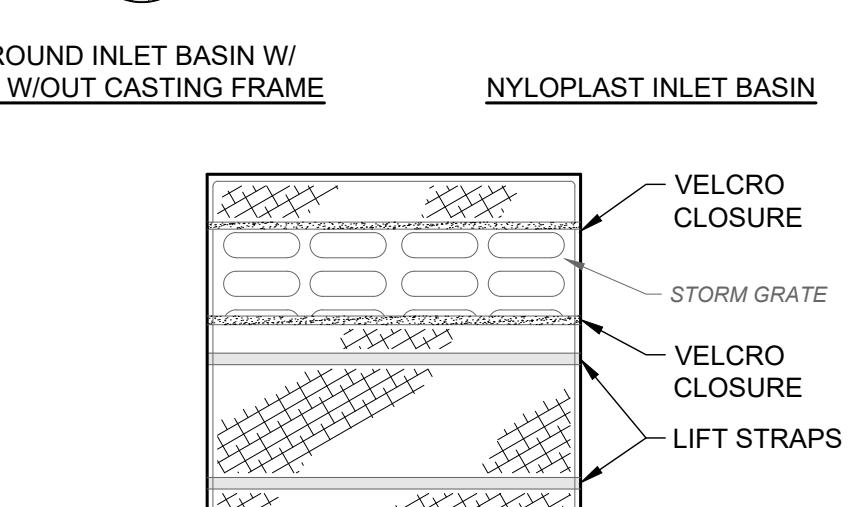
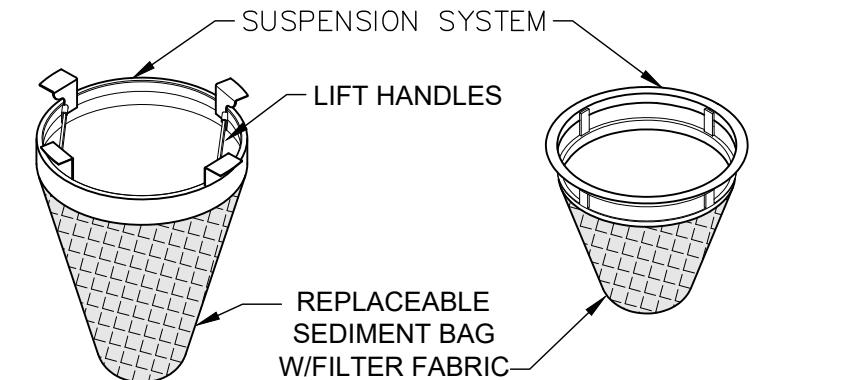
MULCHING DETAIL

SCALE: NONE



INLET PROTECTION DETAIL

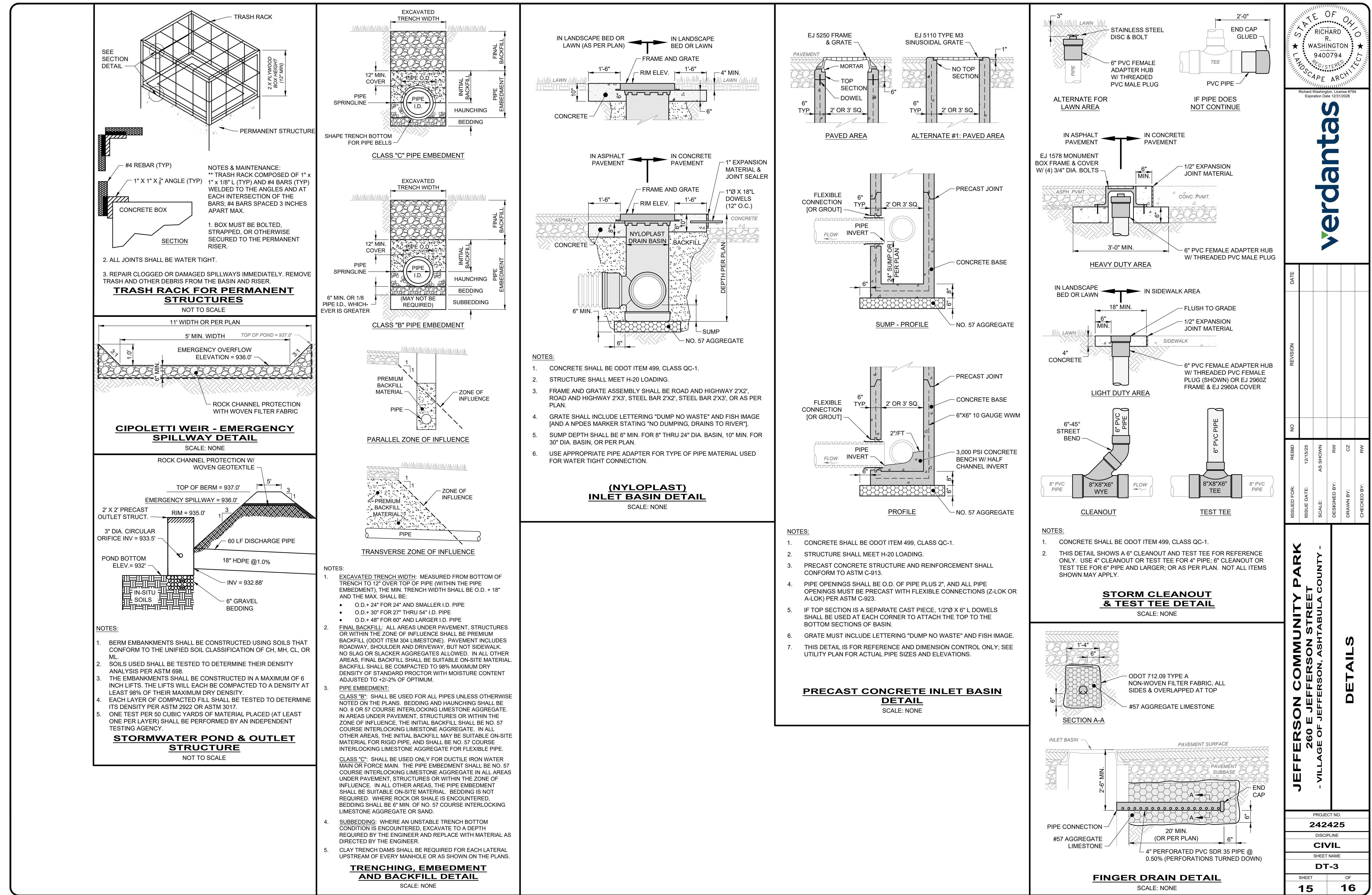
SCALE: NONE

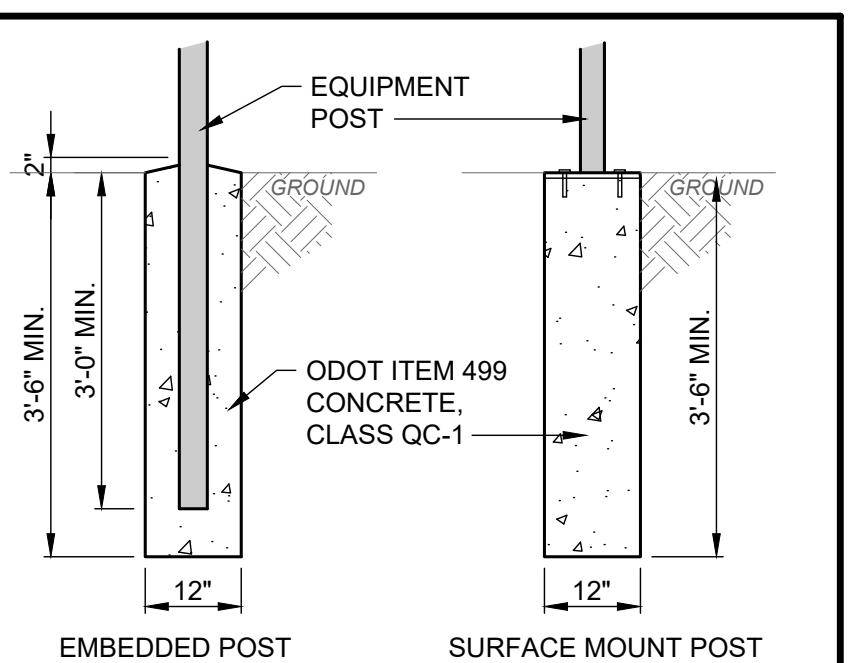


"DANDY BAG"

NOTES:

- 1) ALL NEW AND EXISTING STORM INLET BASINS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED UNLESS THE SEWER IS INACTIVE DUE TO PRIOR WORK.
- 2) INLET PROTECTION SHALL BE INSTALLED AS EACH STORM INLET IS CONSTRUCTED.
- 3) FRAMING SHALL BE CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED).
- 4) NOT ALL ITEMS SHOWN MAY APPLY, OR DIFFERENT TYPES OR CONFIGURATIONS MAY BE REQUIRED. THE CONTRACTOR SHALL MEASURE EACH INLET TO CONFIGURE AND ASSEMBLE CUSTOMIZED INLET FILTERS.

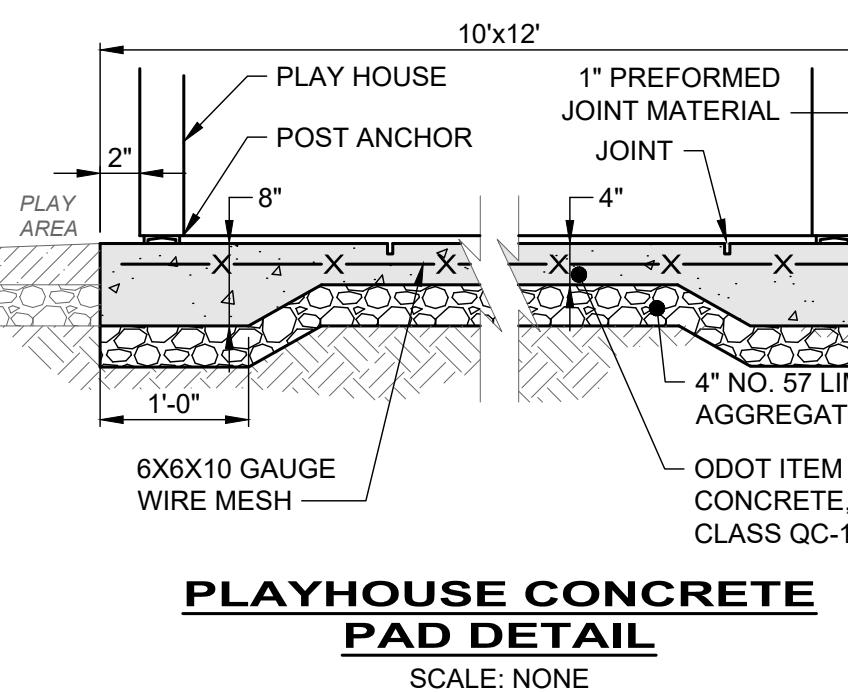




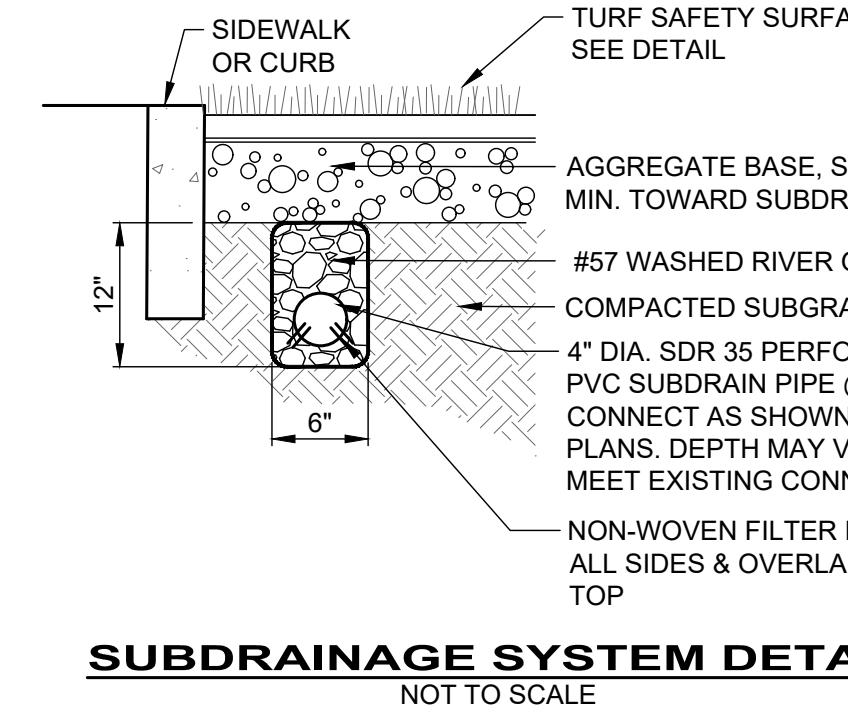
FURNISHING FOOTER DETAIL
NOT TO SCALE

NOTES:

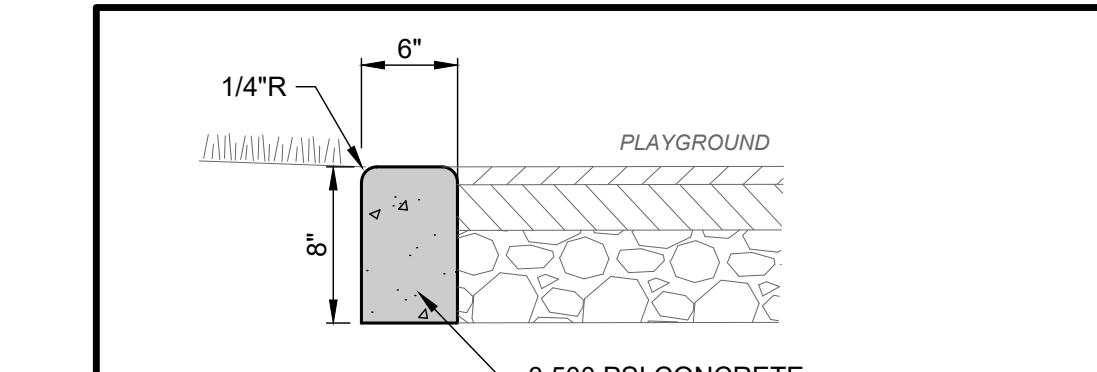
1. POSTS SHALL BE SMOOTH, WATER TIGHT, AND FREE OF BURRS AND SHARP PROJECTIONS FABRICATED FROM SCH. 40 STEEL PIPE PER ASTM A53.
2. GALVANIZE ALL PIPES AFTER FABRICATION PER ASTM A-123, RE-GALVANIZE AREAS WHERE COATING IS DAMAGED.
3. ALL HARDWARE, CONNECTORS, BOLTS, NUTS, WASHERS, ETC. SHALL BE HOT-DIPPED ZINC COATED GALVANIZED STEEL PER ASTM A653.
4. THIS DETAIL IS FOR REFERENCE AND GENERAL DIMENSION CONTROL ONLY; SEE MANUFACTURER'S SPECIFICATIONS FOR ACTUAL DIMENSIONS, FASTENERS, MATERIALS, CONFIGURATION, PARTS LIST, ETC.



PLAYHOUSE CONCRETE PAD DETAIL
NOT TO SCALE



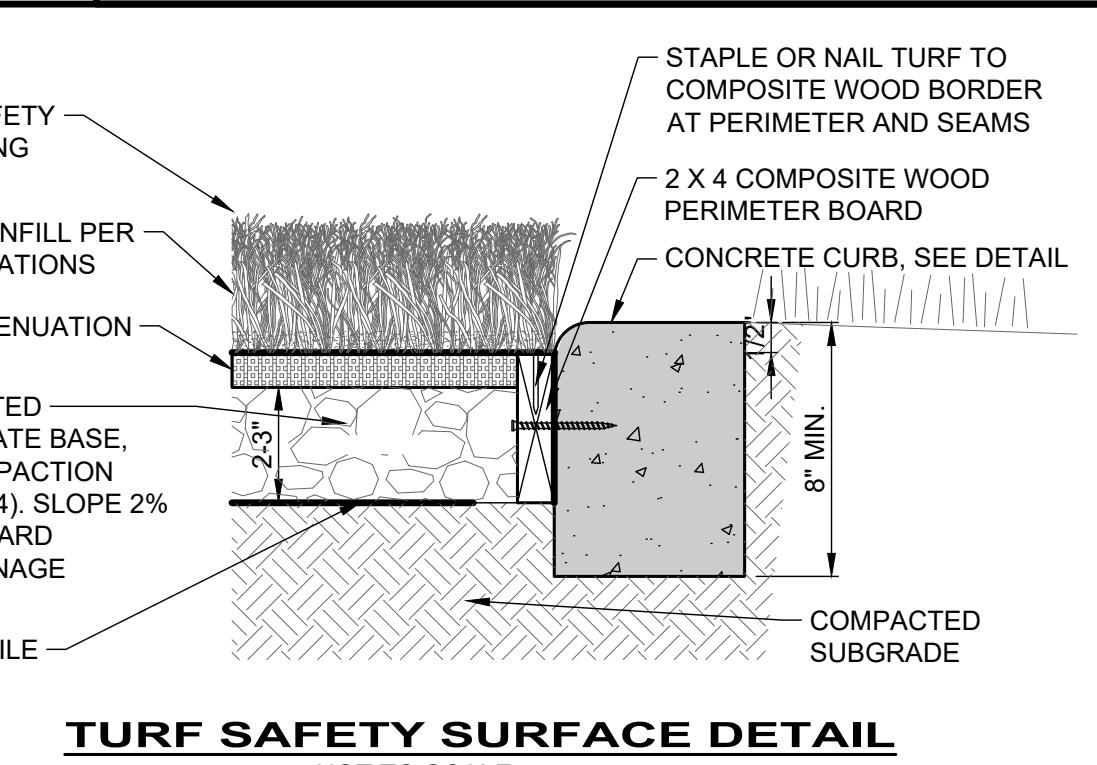
SUBDRAINAGE SYSTEM DETAIL
NOT TO SCALE



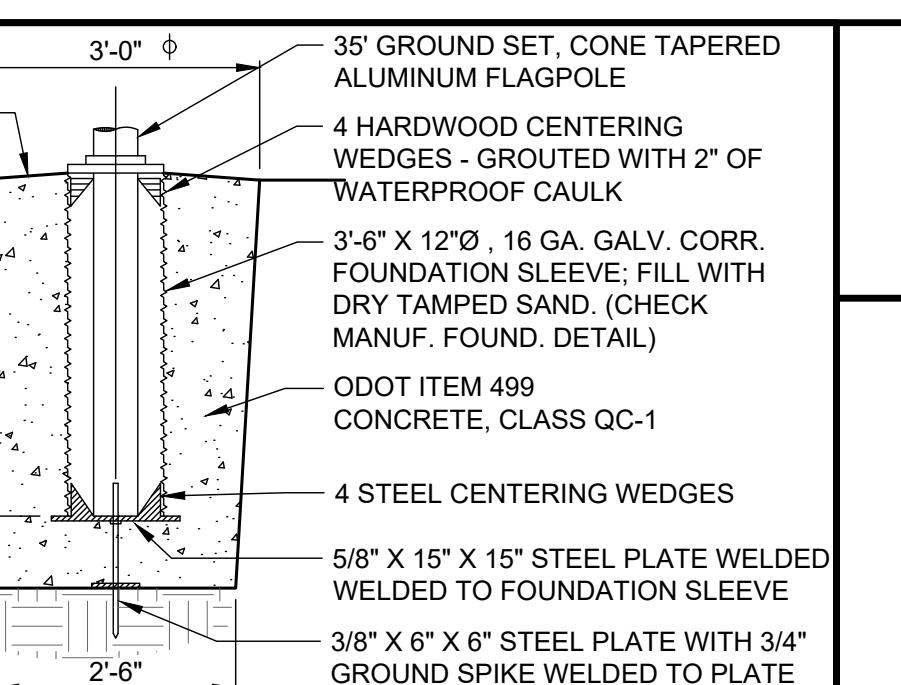
PLAYGROUND FLUSH CURB DETAIL
SCALE: NONE

NOTES:

1. INSTALL 1/2" PREFORMED JOINT MATERIAL AND USE DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
3. APPLY LIQUID-MEMBRANE CURING COMPOUND.

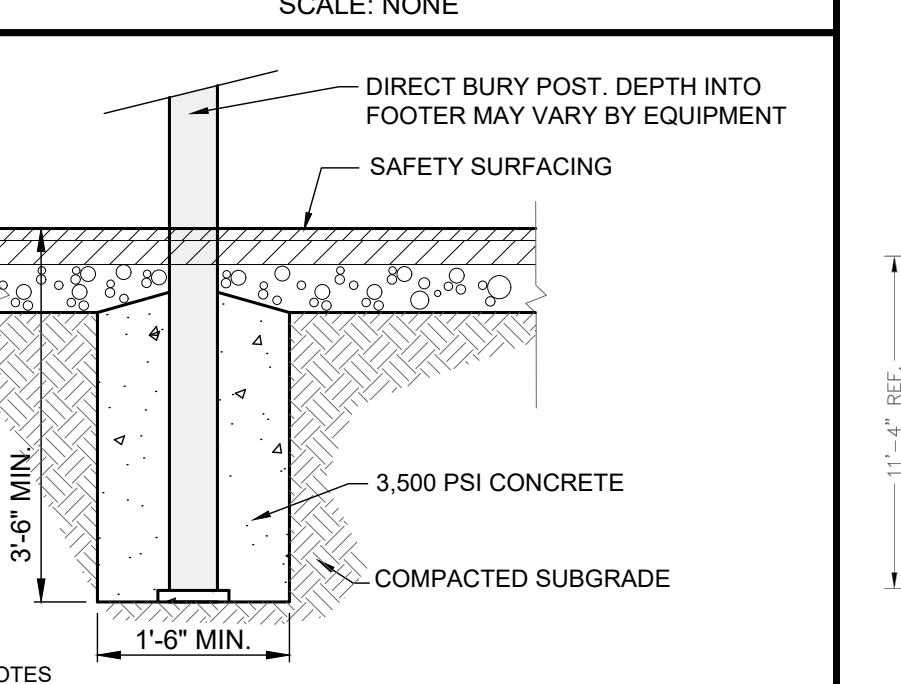


TURF SAFETY SURFACE DETAIL
NOT TO SCALE



FLAGPOLE BASE DETAIL
NOT TO SCALE

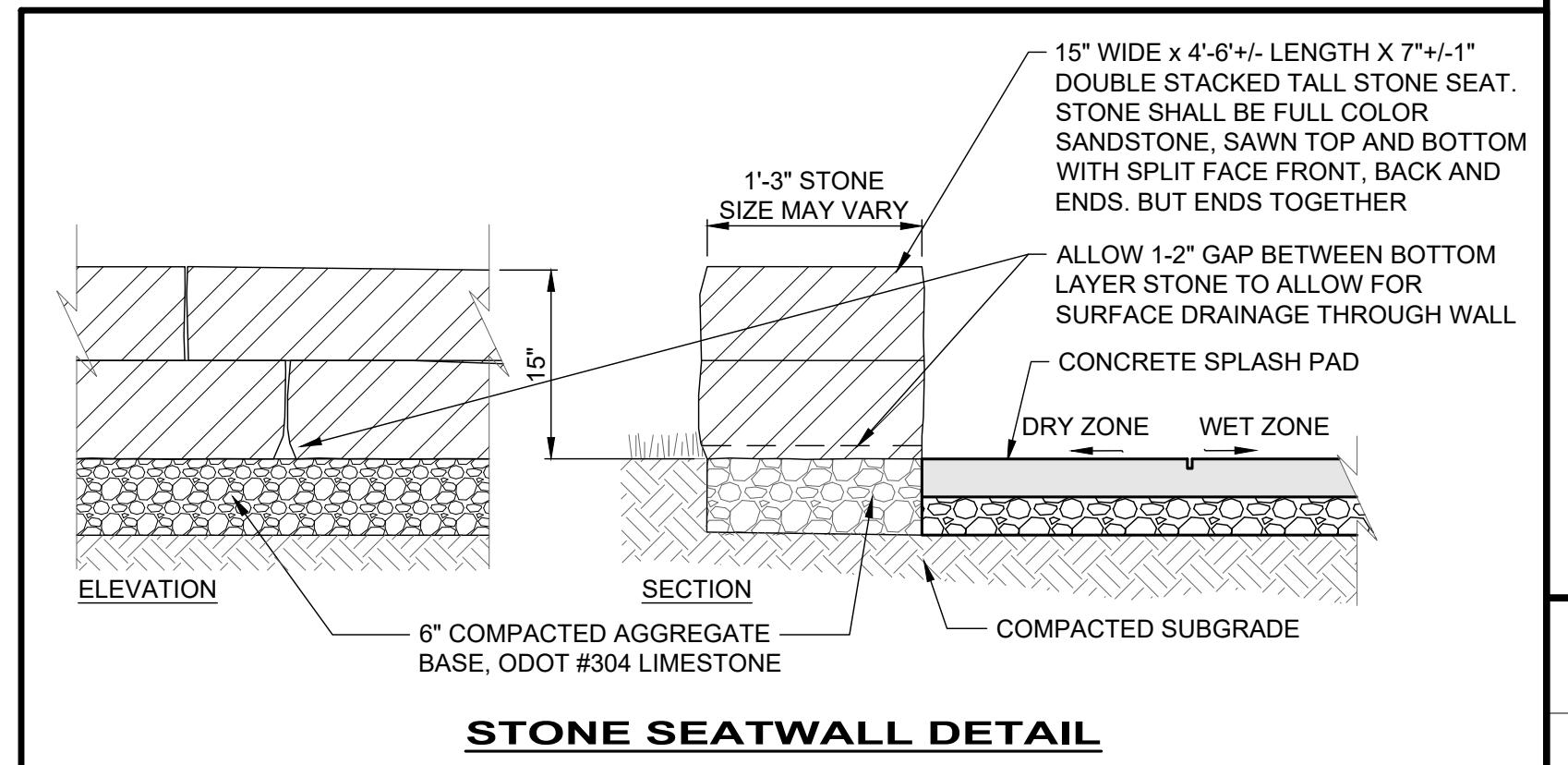
NOTE: REFER TO MANUFACTURER'S SPECIFICATIONS FOR FOOTER SIZE PER FLAGPOLE HEIGHT.



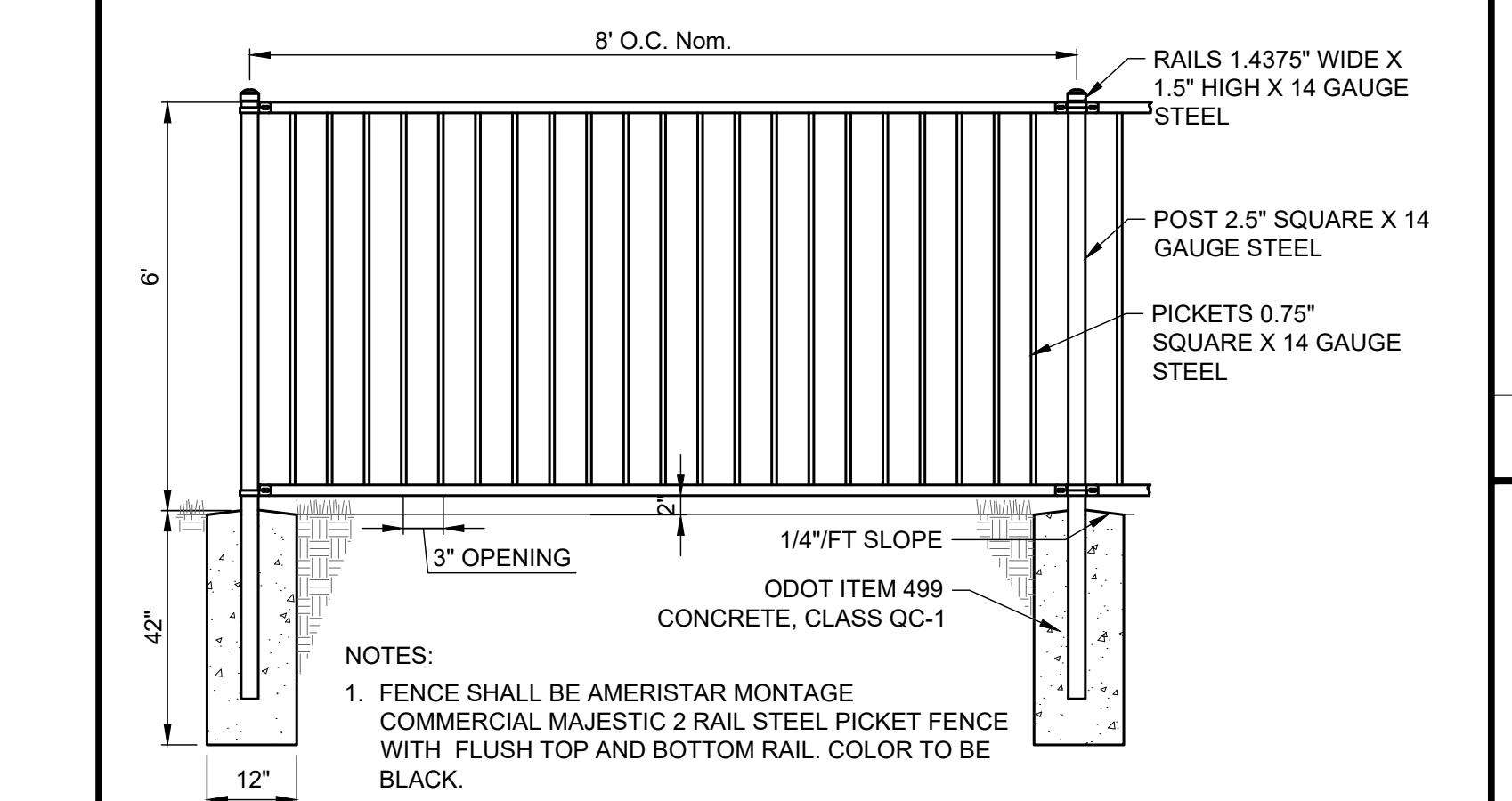
PLAY EQUIPMENT POST FOOTER DETAIL
NOT TO SCALE

NOTES:

1. REFER TO MANUFACTURER'S FOOTER CHART FOR FOOTER SIZING.



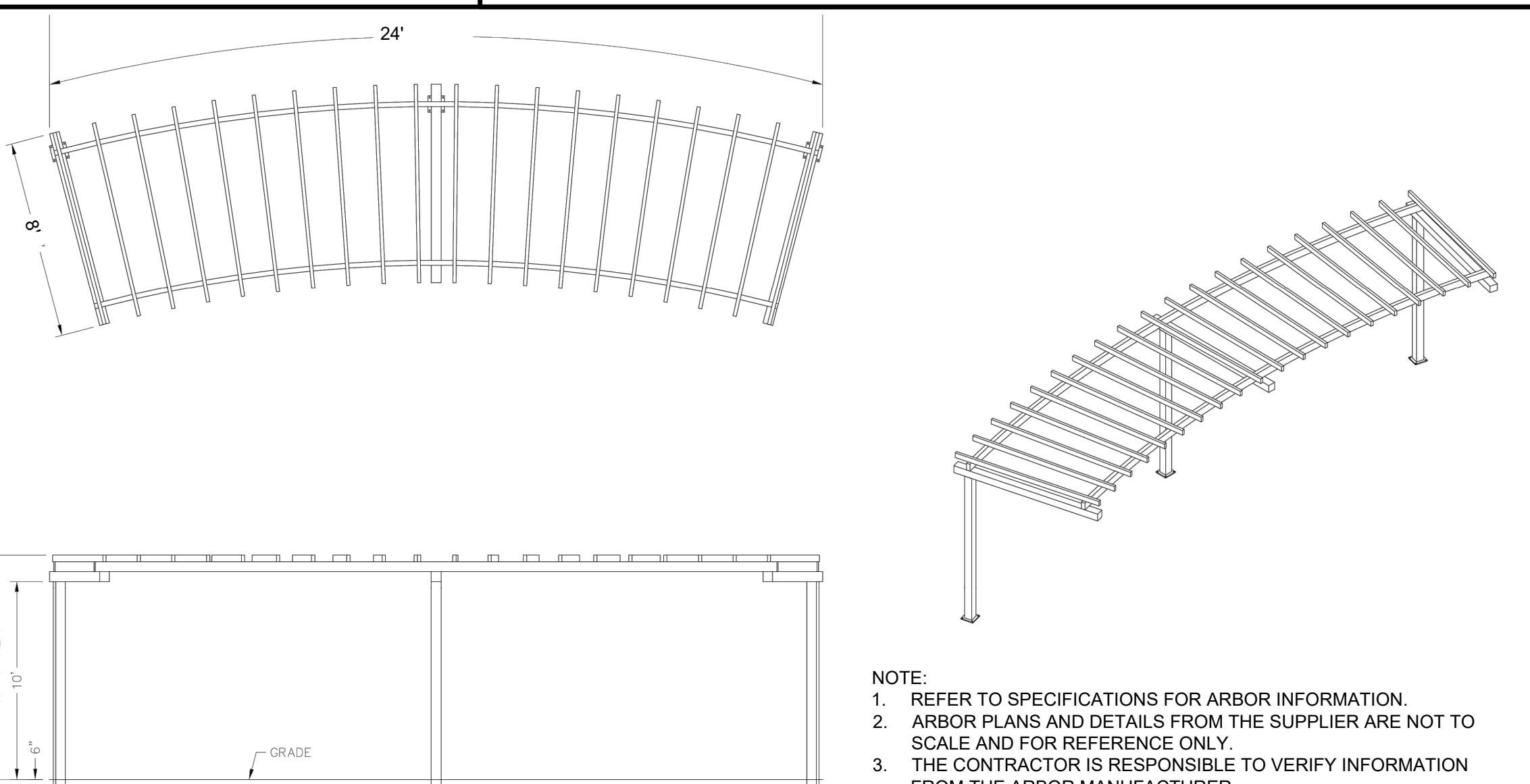
STONE SEATWALL DETAIL
SCALE: NONE



PICKET FENCE DETAIL
SCALE: NONE

NOTES:

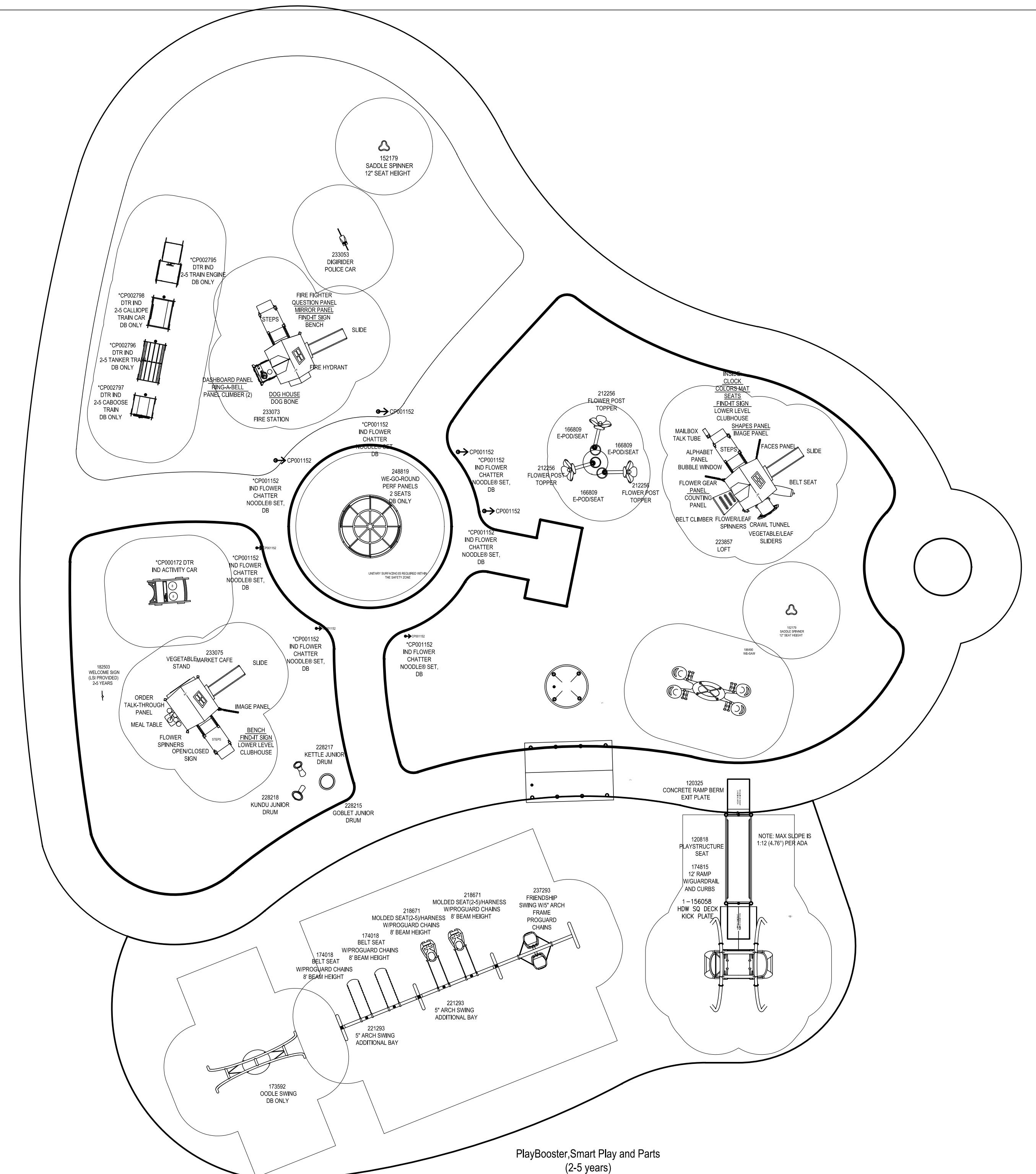
1. FENCE SHALL BE AMERISTAR MONTAGE COMMERCIAL MAJESTIC 2 RAIL STEEL PICKET FENCE WITH FLUSH TOP AND BOTTOM RAIL. COLOR TO BE BLACK.
2. SWING GATES SHALL MATCH FENCE AND HAVE SELF CLOSING HINGE, DROP BAR AND LOCKABLE LATCH.



8' x 24' FRAMED ARBOR DETAIL
NOT TO SCALE

NOTE:

1. REFER TO SPECIFICATIONS FOR ARBOR INFORMATION.
2. ARBOR PLANS AND DETAILS FROM THE SUPPLIER ARE NOT TO SCALE AND FOR REFERENCE ONLY.
3. THE CONTRACTOR IS RESPONSIBLE TO VERIFY INFORMATION FROM THE ARBOR MANUFACTURER.
4. FOOTER DESIGN SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FROM THE MANUFACTURER.
5. REFER TO SITE PLAN FOR RADIUS.



OR REFERENCE ONLY

5-12 AREA

TOTAL ELEVATED PLAY COMPONENTS 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS

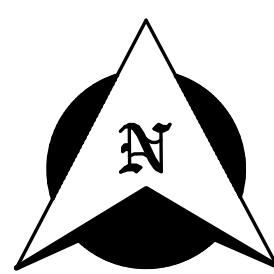
Freestanding Play
(5-12 years)
Max Fall Height: 90 inches

Max Fall Height: 96 inches

-5 AREA

TOTAL ELEVATED PLAY COMPONENTS	15
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	1
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	2

A horizontal scale bar divided into four segments. The first segment is 2 units long, the second is 3 units long, the third is 7 units long, and the fourth is 8 units long. Below the scale bar, numerical labels are placed under the first, second, third, and fourth segments, reading 0', 5', 10', and 20' respectively.



Jefferson Community Park

Jefferson, OH

Penchura, LLC

SYSTEM TYPE:
Smart Play



The play components identified on this plan are IPPEMA certified. (Unless model number preceded with *) The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

S PLAY AREA & PLAY EQUIPMENT IS
DESIGNED FOR AGES 2-12 YEARS
UNLESS OTHERWISE NOTED ON PLAN.

S THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE FACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION (SIZING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SITUATIONS) SHOULD BE OBTAINED, EVALUATED, & INCORPORATED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

OSE A PROTECTIVE SURFACING MATERIAL THAT
S A CRITICAL HEIGHT VALUE TO MEET THE
MUM FALL HEIGHT FOR THE EQUIPMENT (REF.
STM F1487 STANDARD CONSUMER SAFETY
FORMANCE SPECIFICATION FOR PLAYGROUND
MENT FOR PUBLIC USE, SECTION 8 CURRENT
EVISION). THE SUBSURFACE MUST BE WELL
ED. IF THE SOIL DOES NOT DRAIN NATURALLY
ST BE TILED OR SLOPED 1/8" TO 1/4" PER
TO A STORM SEWER OR A "FRENCH DRAIN".

AREA OF
ACCESSIBLE/PROTECTIVE
SURFACING
(TURF SUGGESTED)
11 778 SF

DESIGNED BY:
Ali

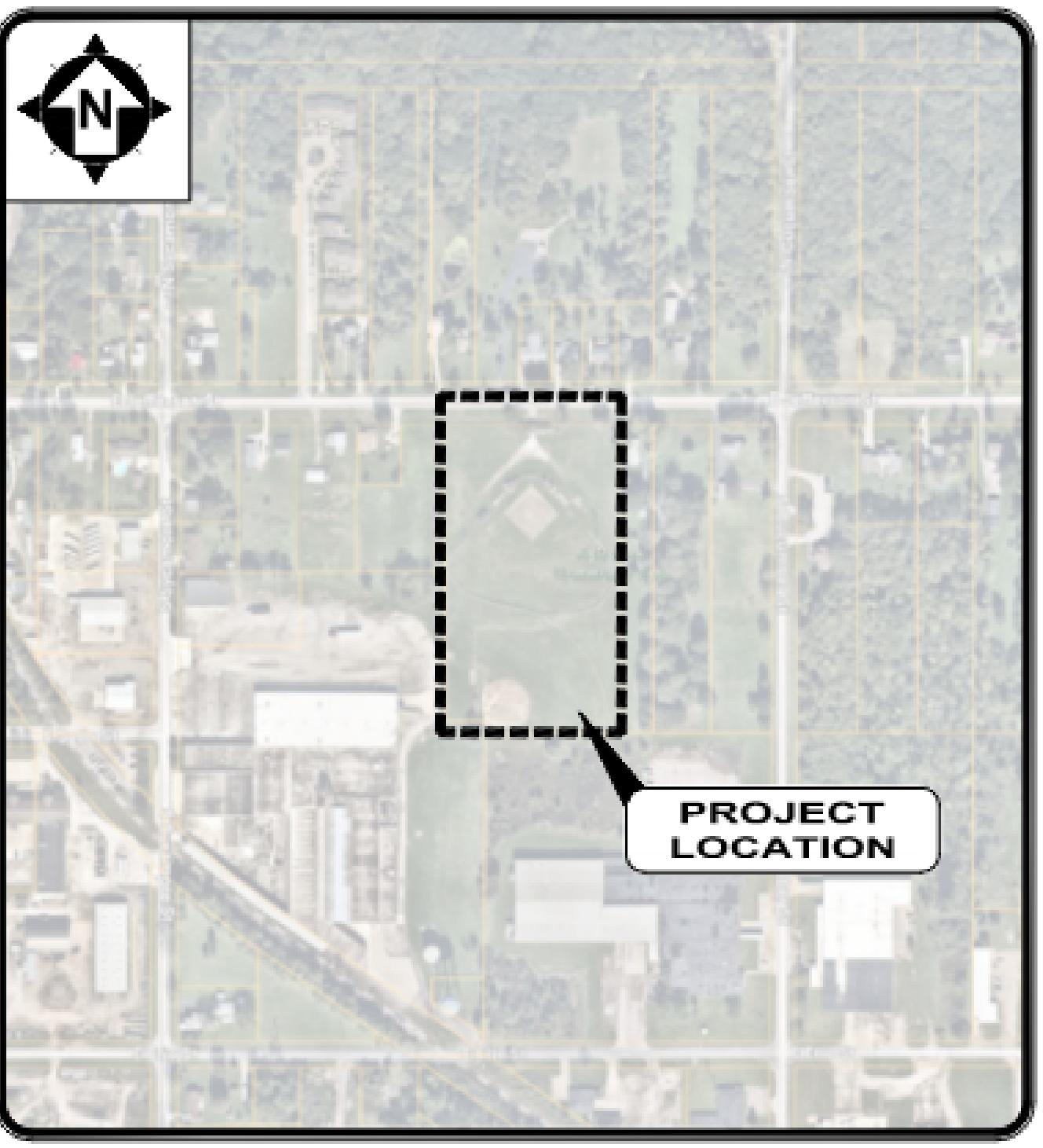
COPYRIGHT: 1/15/2025
LANDSCAPE STRUCTURES, INC.
601 7th STREET SOUTH - P.O. BOX 198
DELANO, MINNESOTA 55328
1-800-328-0035 FAX: 1-763-972-6091

VERDANTAS SPLASH PAD

GENERAL NOTES:

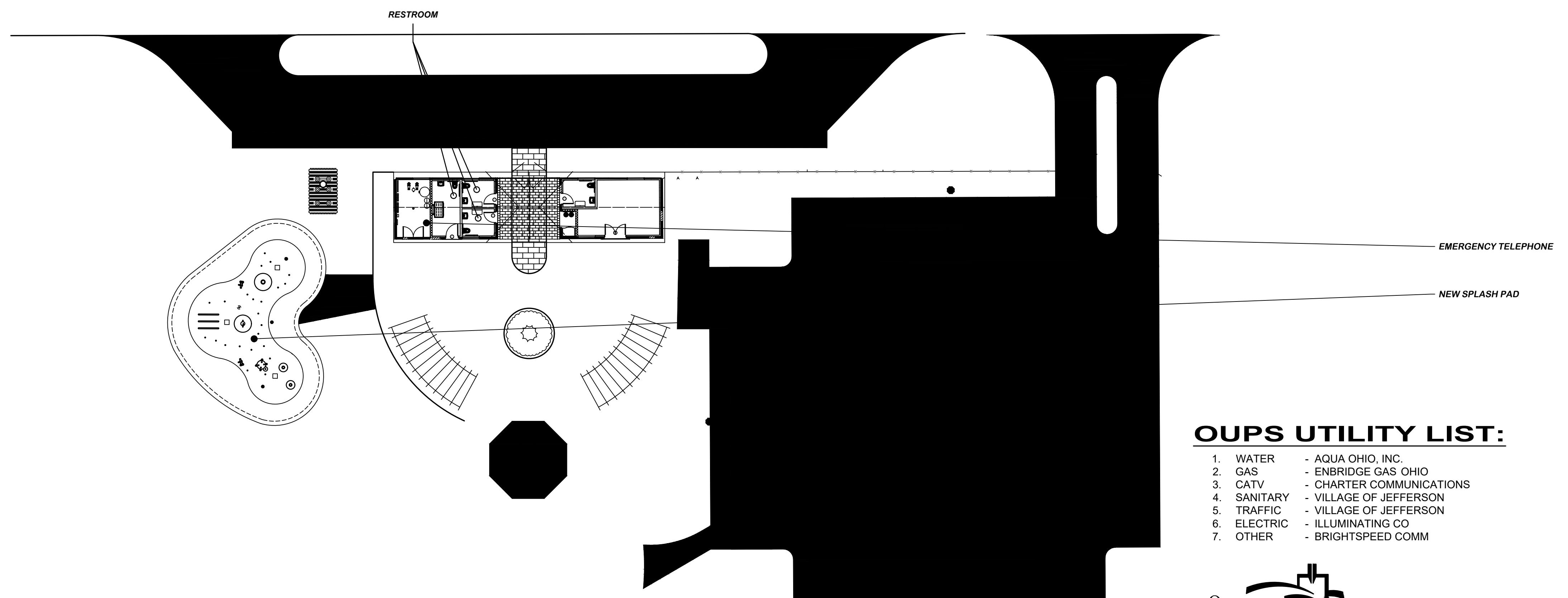
- ALL MECHANICAL EQUIPMENT LOCATIONS ON THESE PLANS ARE FOR GRAPHICAL PURPOSES ONLY. FINAL LOCATIONS FOR MECHANICAL EQUIPMENT, PIPING & CONDUITS, ETC. ARE TO BE DETERMINED IN THE FIELD.
- ALL PLUMBING AND ELECTRICAL WORK TO BE DONE PER LOCAL AND NATIONAL CODES
- WATER VELOCITY NOT TO EXCEED 20 FPS, OR 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 |



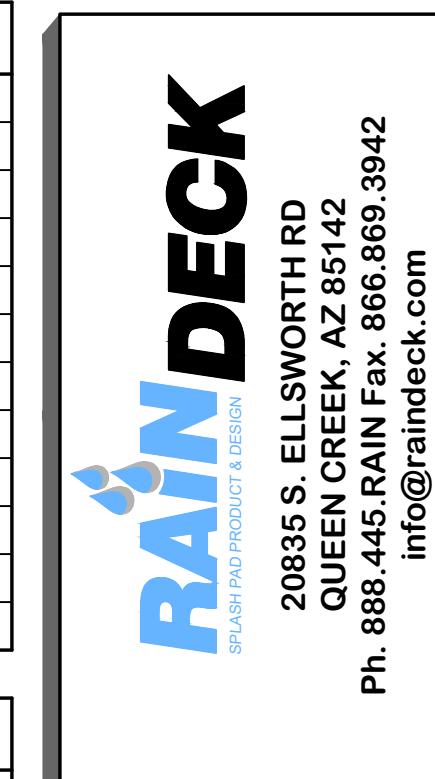
1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

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	FEATURE LAYOUT
SP1.1	PLUMBING LAYOUT
SP1.2	DRAINAGE LAYOUT
SP1.3	ELECTRICAL LAYOUT
SP1.4	SPLASH PAD SECTION
SP1.5	DETAILS & SPECS
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

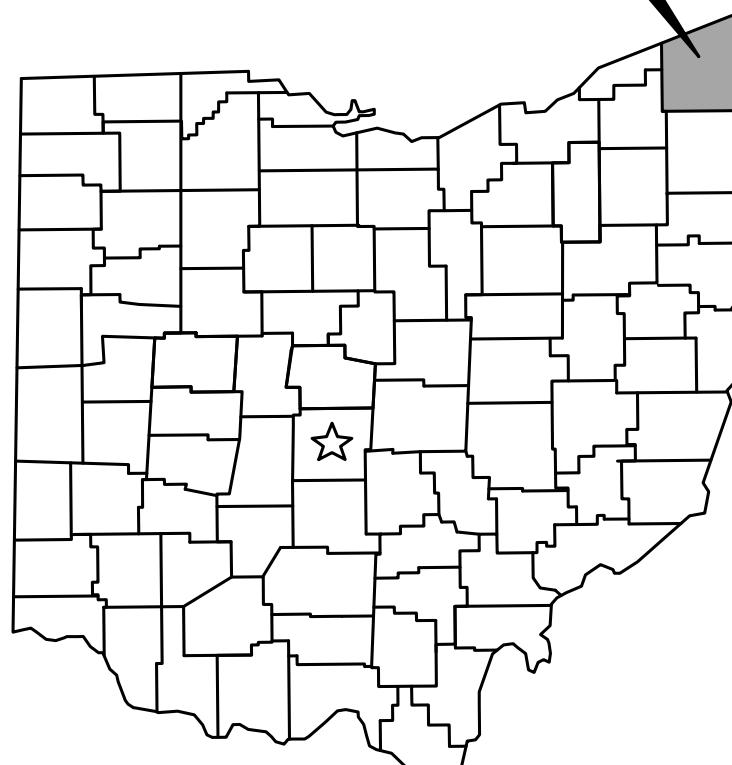
RECIRCULATION INFORMATION (PENTAIR INTELLIFLO VSF 3HP)		
• MAX. PUMP FLOW RATE*	180 GPM	
• TOTAL FILTER CAPACITY	155 GPM	
• CISTERN CAPACITY	2500 GALLONS	
• TURNOVER RATE	14 MINUTES	

* 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

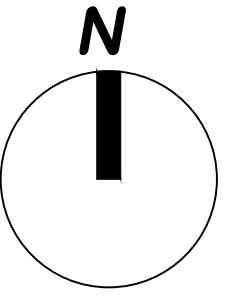
ASHTABULA COUNTY



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



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

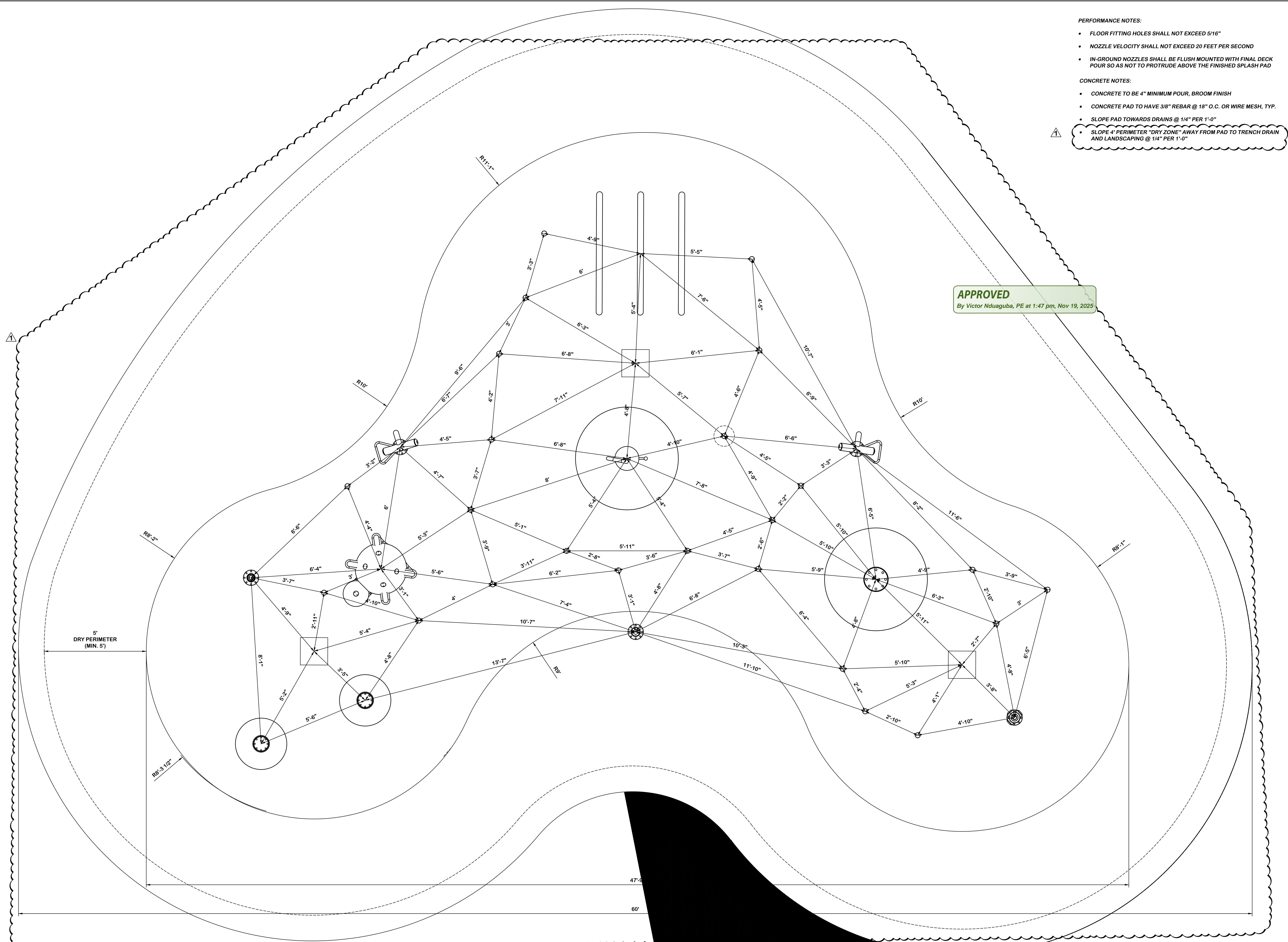


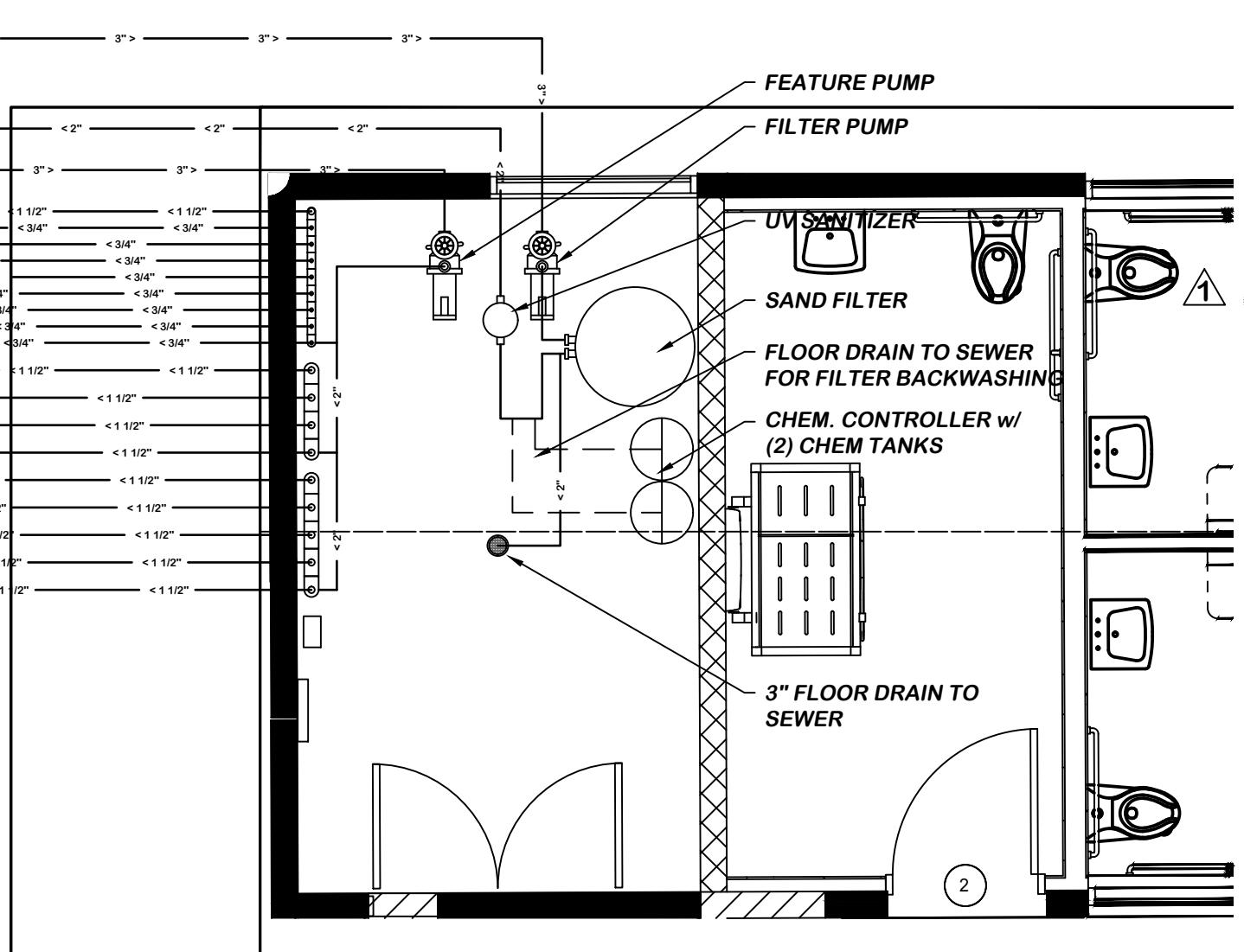
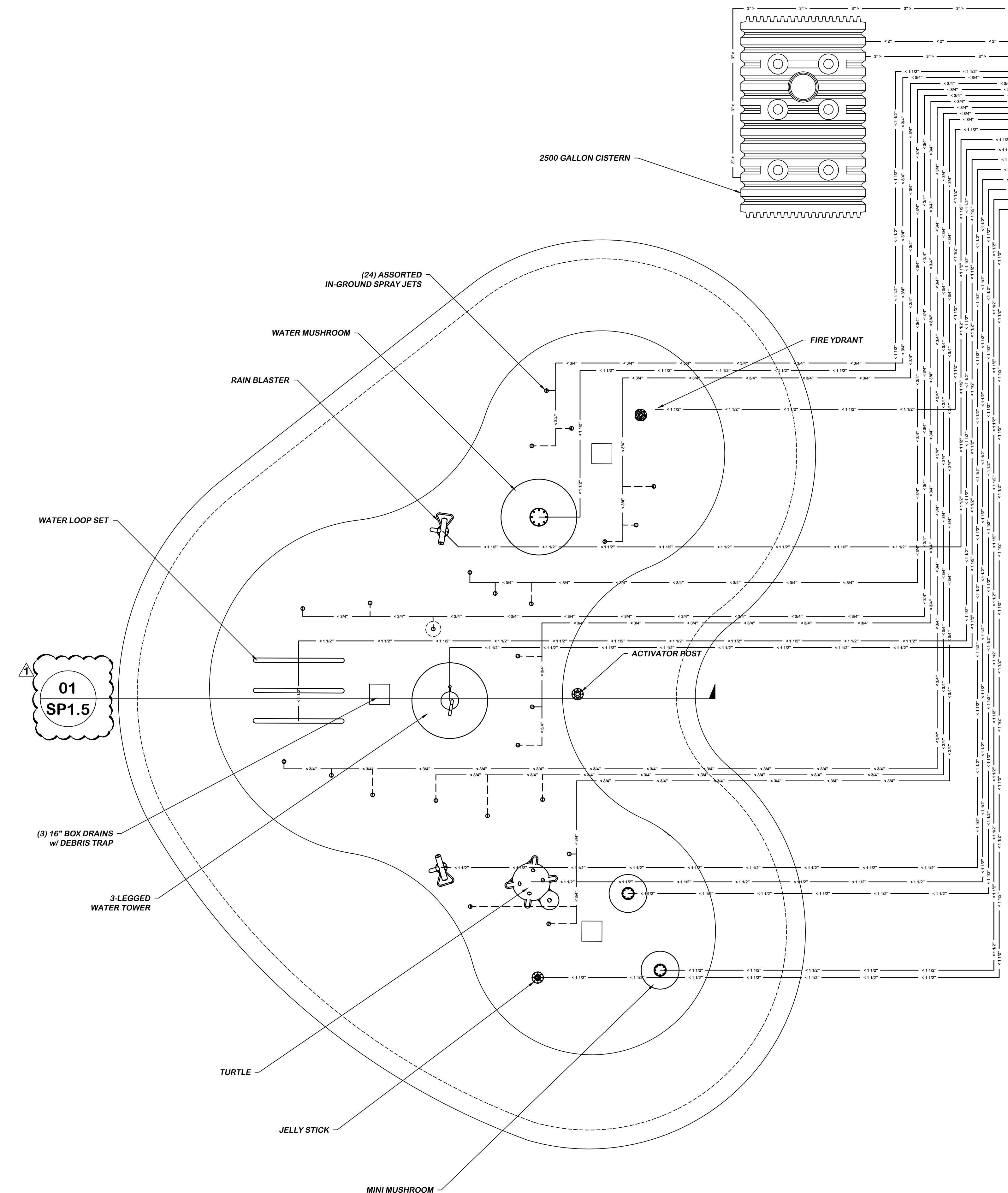
AERIAL MAP

SCALE: 1" = 20'

verdantas

ENGINEER'S PROJECT No. 242425





- 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

REV.	DATE	BY	DESCRIPTION
△	09/30/2025	RS	RESPONSE TO CITY COMMENTS
△			
△			
△			
△			

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



DRAWN BY RS
REVIEWED BY LB
DATE MAY, 2025
SHEET SP1.2
JOB NUMBER 32275

JEFFERSON COMMUNITY PARK SPRAYGROUND VELOCITY CALCULATIONS							
FEATURE NUMBER	FEATURE	NOZZLE SIZE (in)	NOZZLE AREA (sq in)	NOZZLE QUANTITY	TOTAL COMBINED NOZZLE AREA (sq in)	TOTAL DESIGN (GPM)	CALCULATED VELOCITY
RDS304-0 SS	MINI MUSHROOM 30" DIA.	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
RDS356-0	JELLY STICK	0.125	1.887500	1	1.887500	20.00	2.24
RDS327-0	FIRE HYDRANT	0.065	0.073700	4	0.294800	25.00	18.90
-	UNIVERSAL HOUSING/INTERCHANGEABLE NOZZLES (WORSE CASE LISTED OF 12 TYPES)	0.180	0.0254500	6	0.152700	11.00	16.05
RDS355-1 SS	3-LEG TOWER BUCKET	NOT APPLICABLE	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	NOT APPLICABLE
RDS342-0 SS	RAIN BLASTER	0.095	0.073700	1	0.073700	6.00	18.14
RDS342-0 SS	WATER LOOP SET	0.0631 x 1.315	0.005800	15	0.087000	21.45	20.00
RDG300-0	TURTLE	0.0631 x 1.315	0.005800	10	0.058000	7.15	20.00
RDS550-0	SOFT-TOUCH ACTIVATOR	NOT APPLICABLE	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	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.

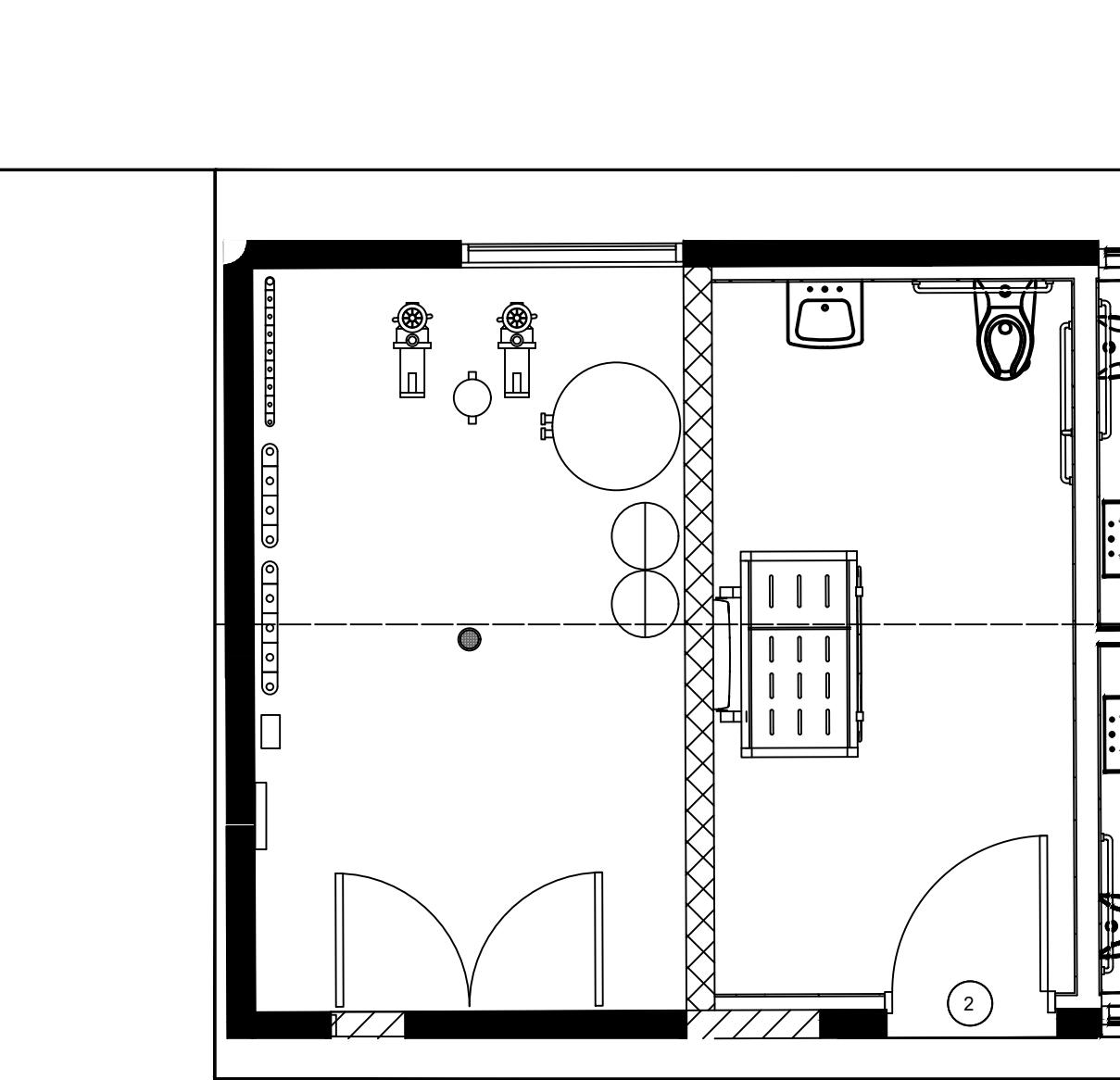
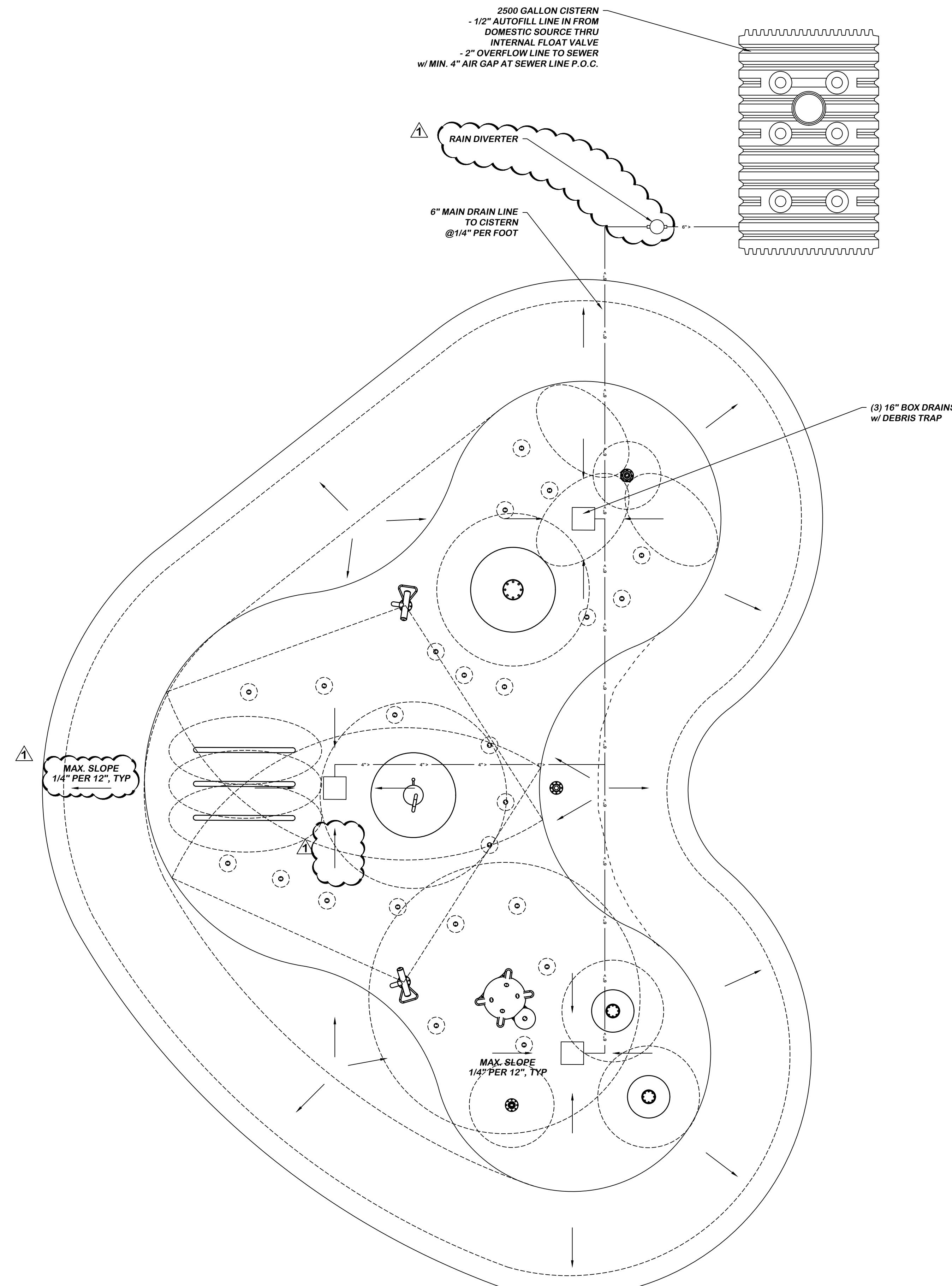
- FLOW RATE & VELOCITY WARNING:**
- IT IS NOT RECOMMENDED TO EXCEED THE MANUFACTURER'S DESIGNED GALLONS PER MINUTE (GPM) FLOW RATE AND PIPE VELOCITY SPECIFICATIONS. DOING SO MAY VIOLATE BEST ENGINEERING PRACTICES AND POTENTIALLY CONTRIBUTE TO HAZARDOUS CONDITIONS AS OUTLINED IN MACKENNA'S LAW. ADHERING 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
RDS342-0	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				467.7

467.7 GPM X 5 = 2,338.5 GALLONS MINIMUM HOLDING TANK REQUIRED
2,300 GALLON HOLDING PROVIDED

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
SOLAR AND PLANTER SYSTEMS
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
△	09/30/2025	RS	RESPONSE TO CITY COMMENTS
△			
△			
△			

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

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



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 STRUCTURAL 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 REINFORCING STEEL GRIDS. CONNECTIONS SHALL BE MADE USING EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS, OR LISTED CLAMPS.

C. ALL OF THE POOL STRUCTURE'S METALLIC PARTS, INCLUDING 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 680. ALL BONDING CONNECTIONS SHALL BE MADE WITH UL LISTED CONNECTORS OR CLAMPS.

1. THE COMMON BONDING GRID SHALL BE ONE OF THE FOLLOWING:

- THE STRUCTURAL REINFORCING STEEL OF A CONCRETE POOL WHERE THE RODS ARE BONDED TOGETHER.
- THE WALL OF A BOLTED OR WELDED METAL POOL.
- 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. THE POOL METAL PARTS OF LISTED EQUIPMENT, INCLUDING PREPARING AN APPROVED SYSTEM OF DOUBLE INSULATION 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.

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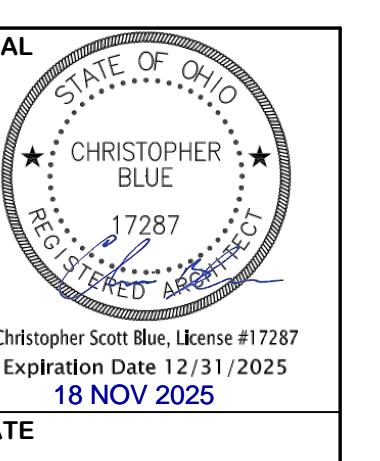
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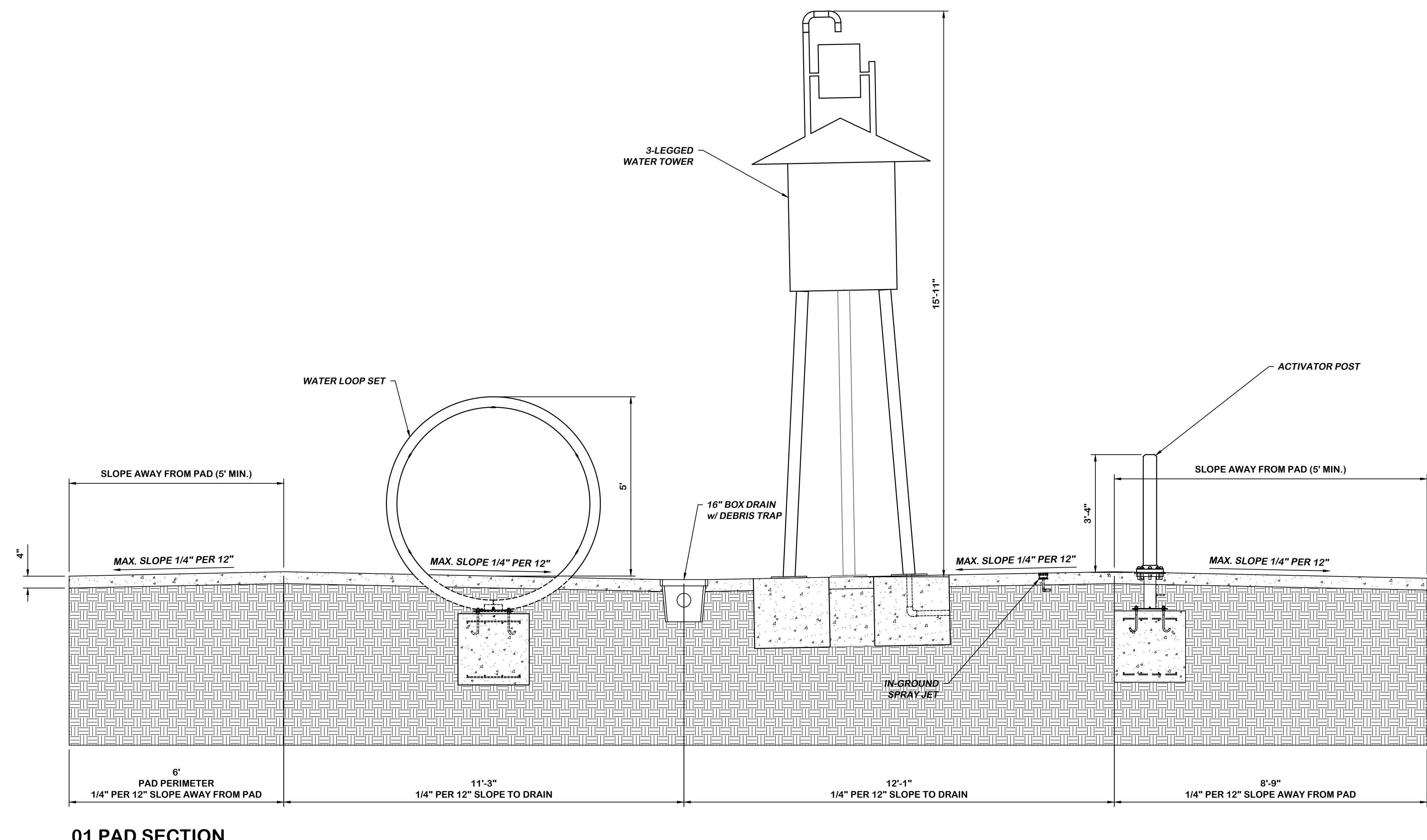
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REV.	DATE	BY	DESCRIPTION
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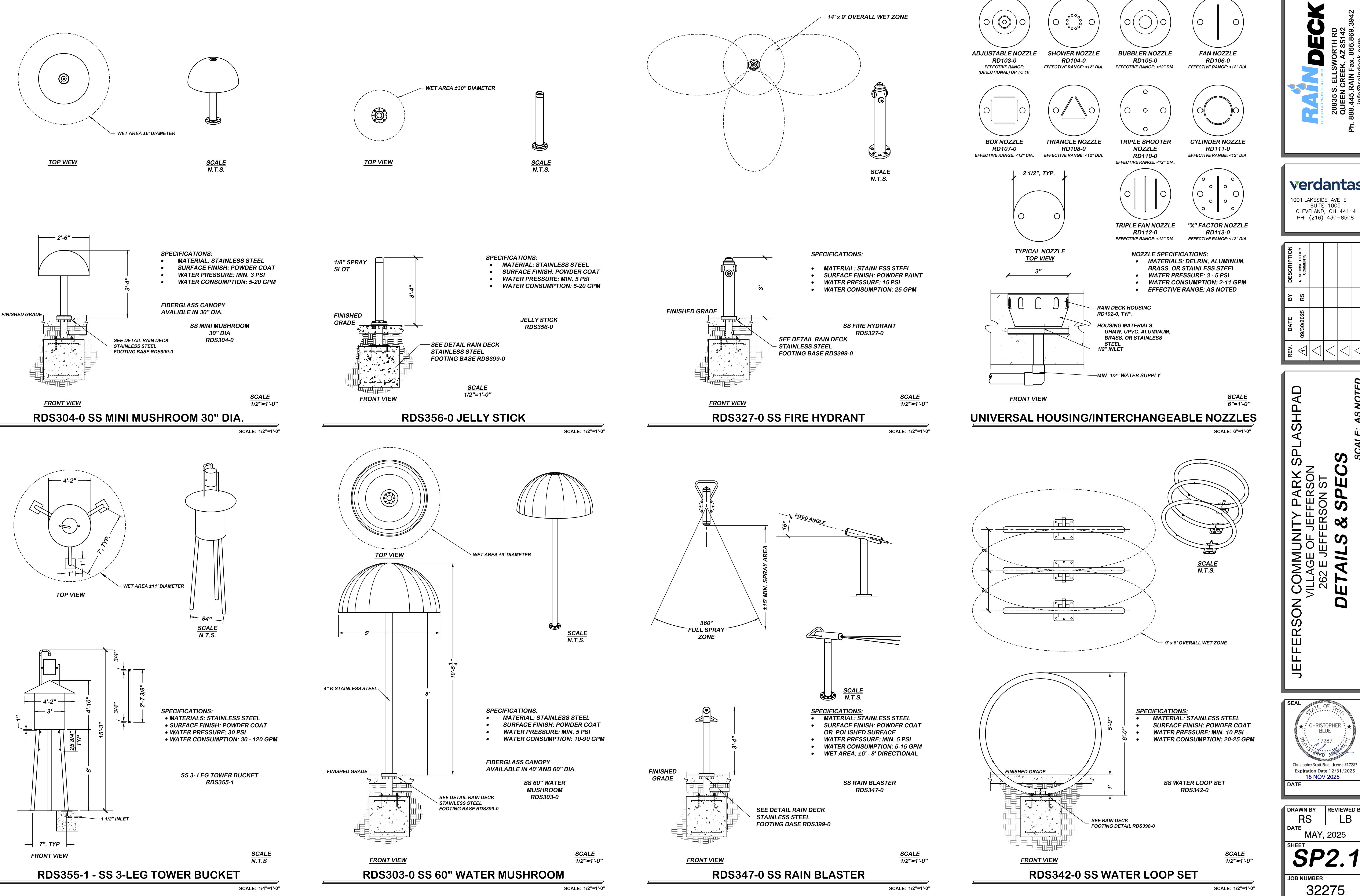
JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
SECTIONS

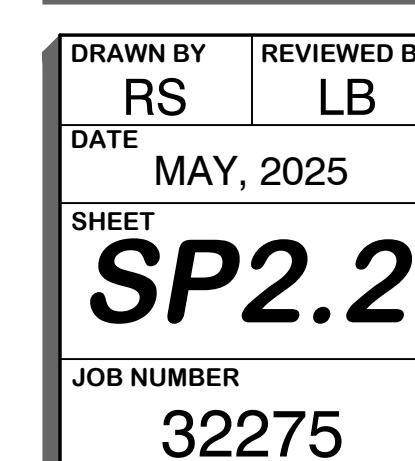
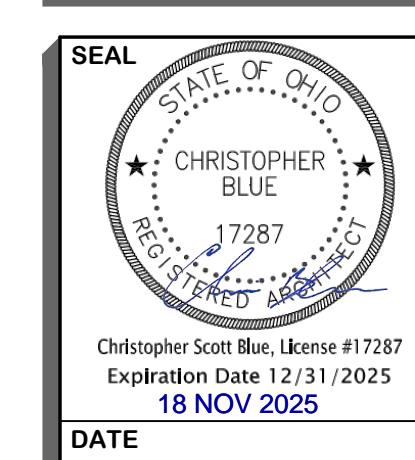
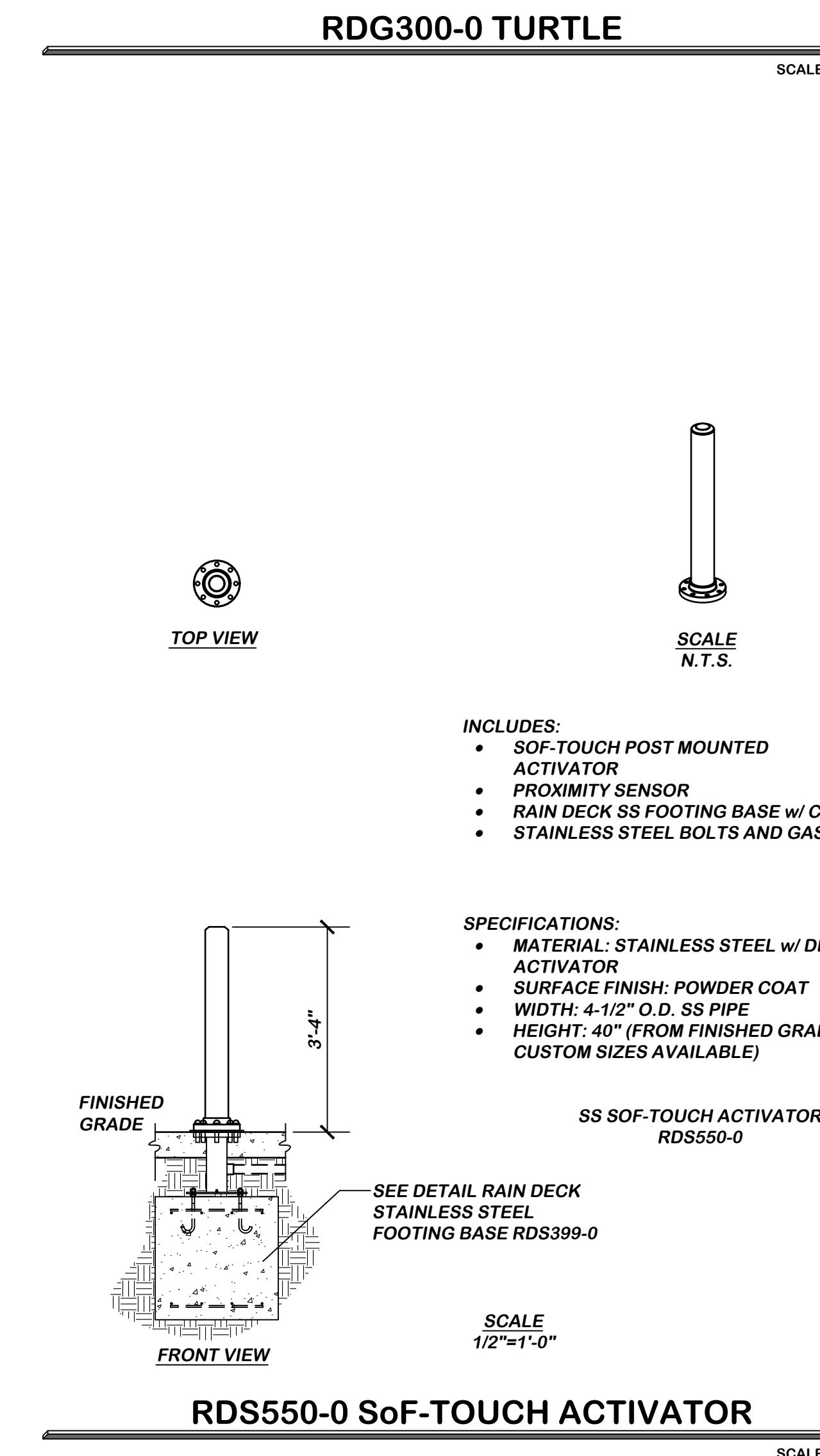
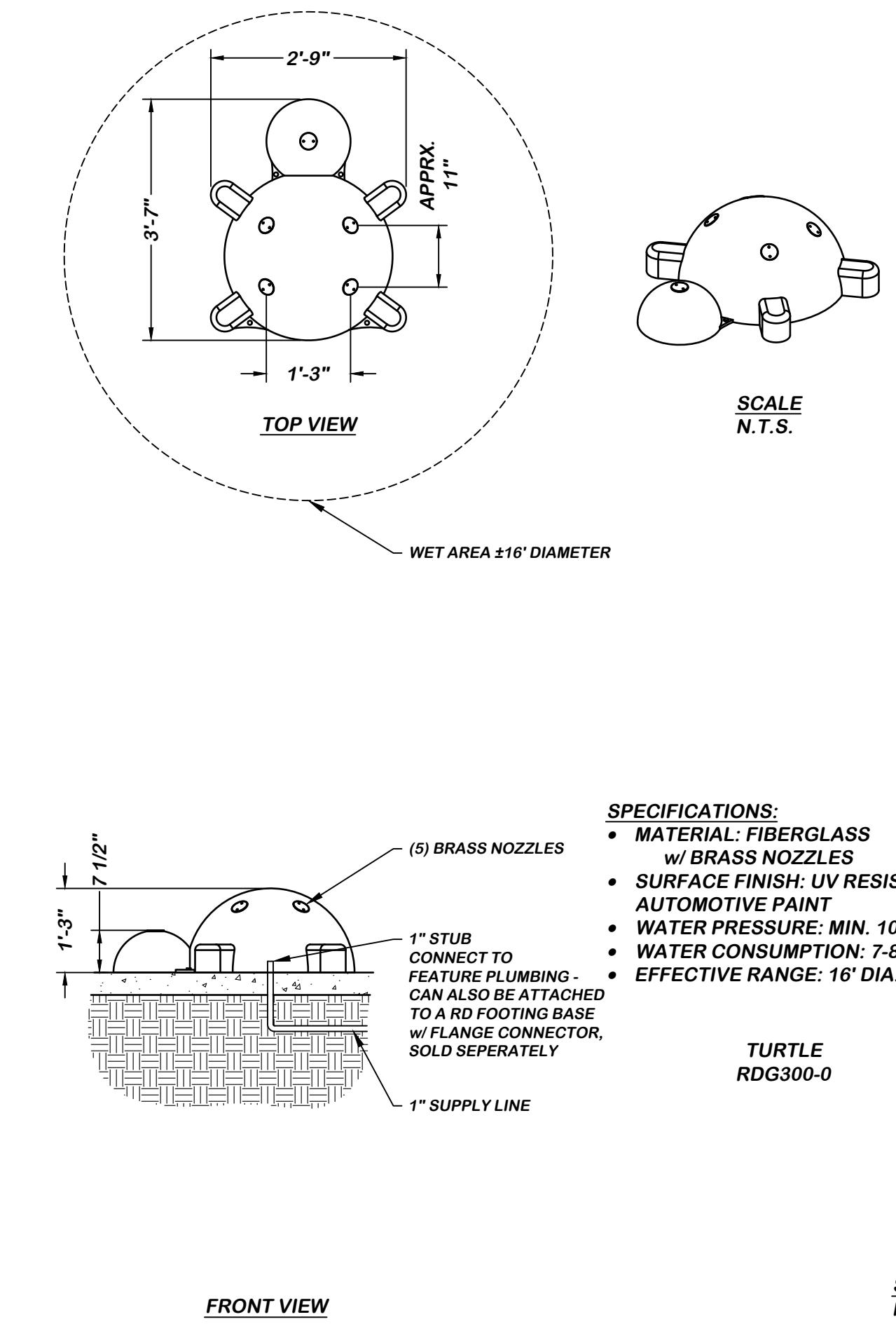
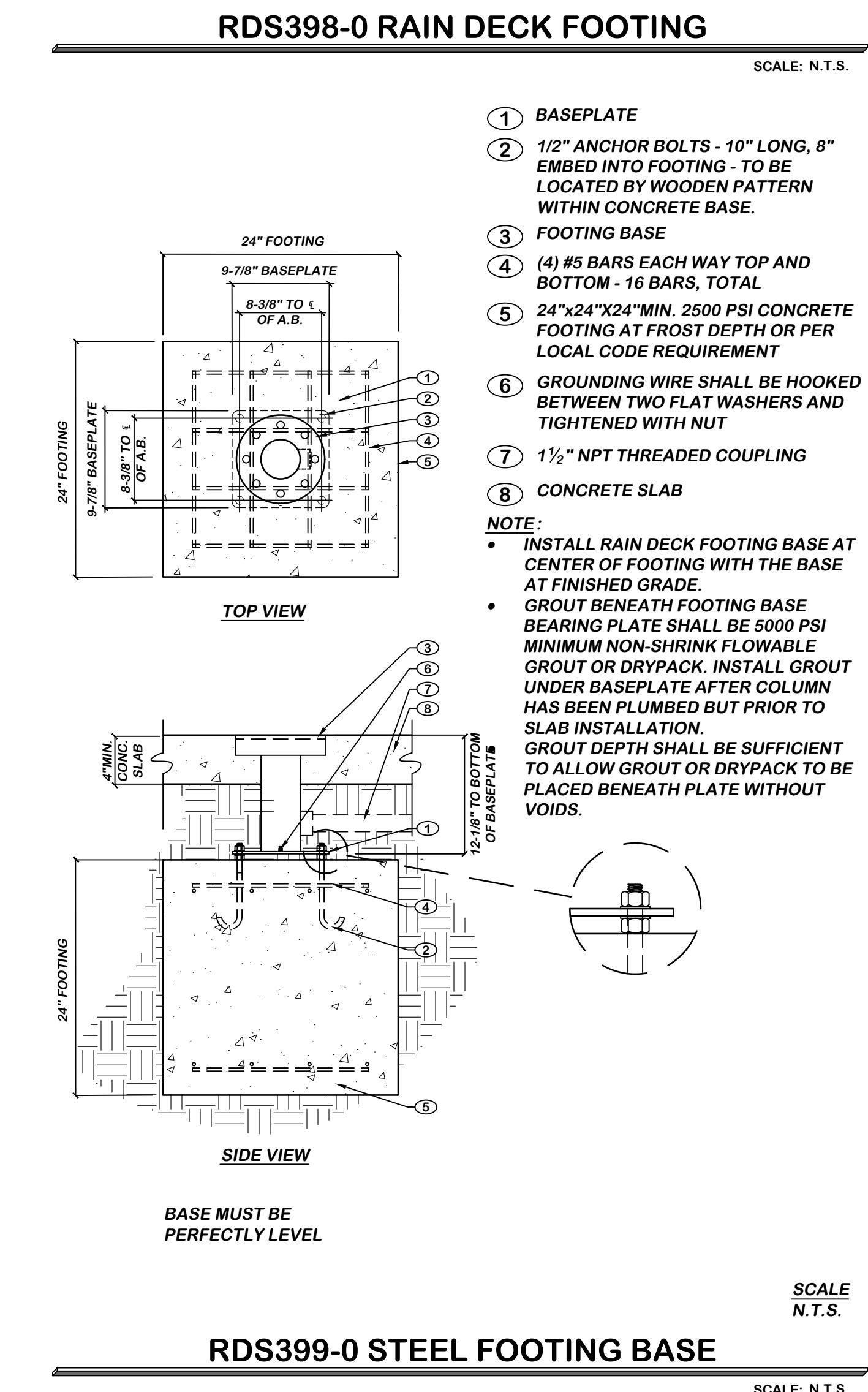
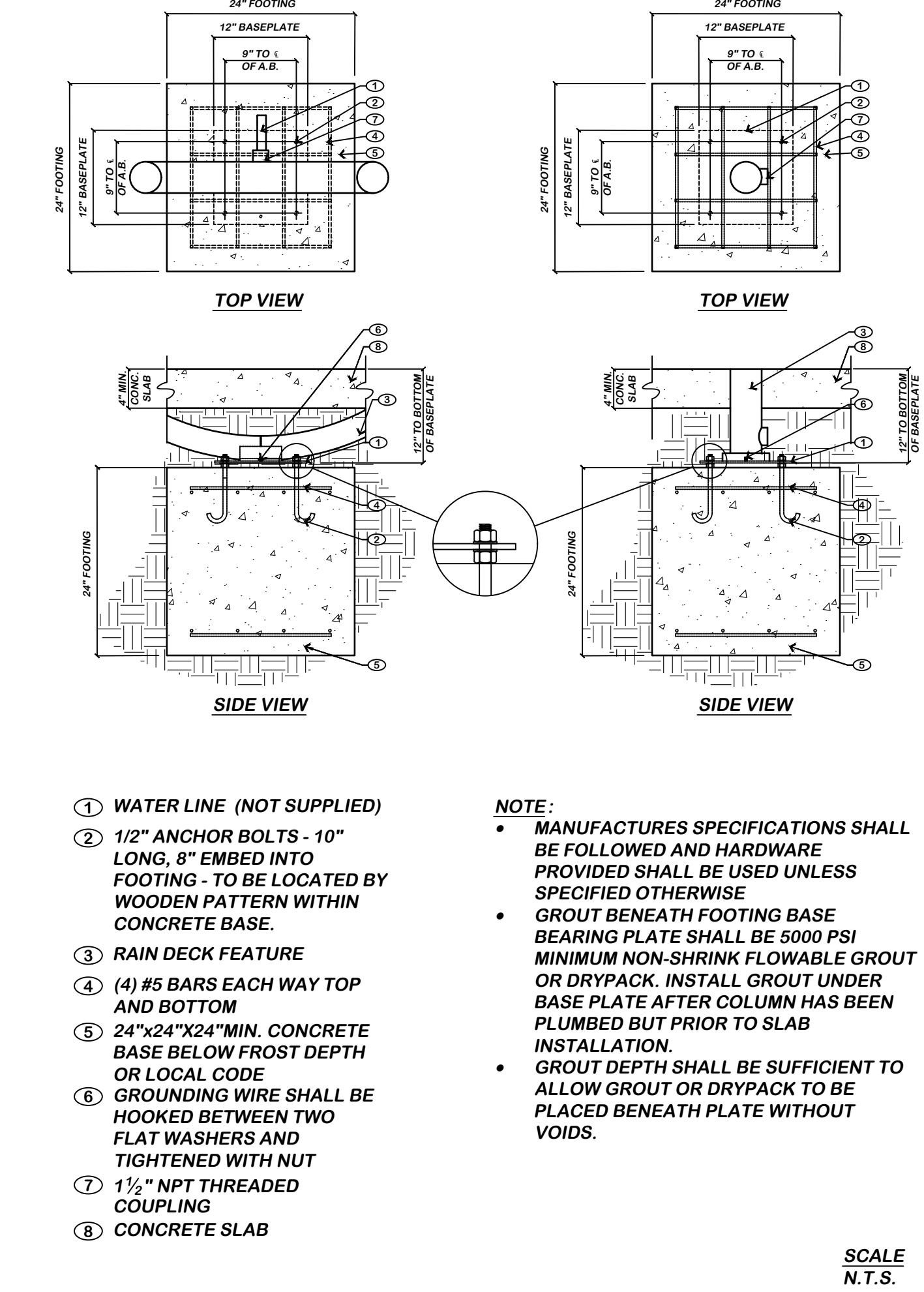
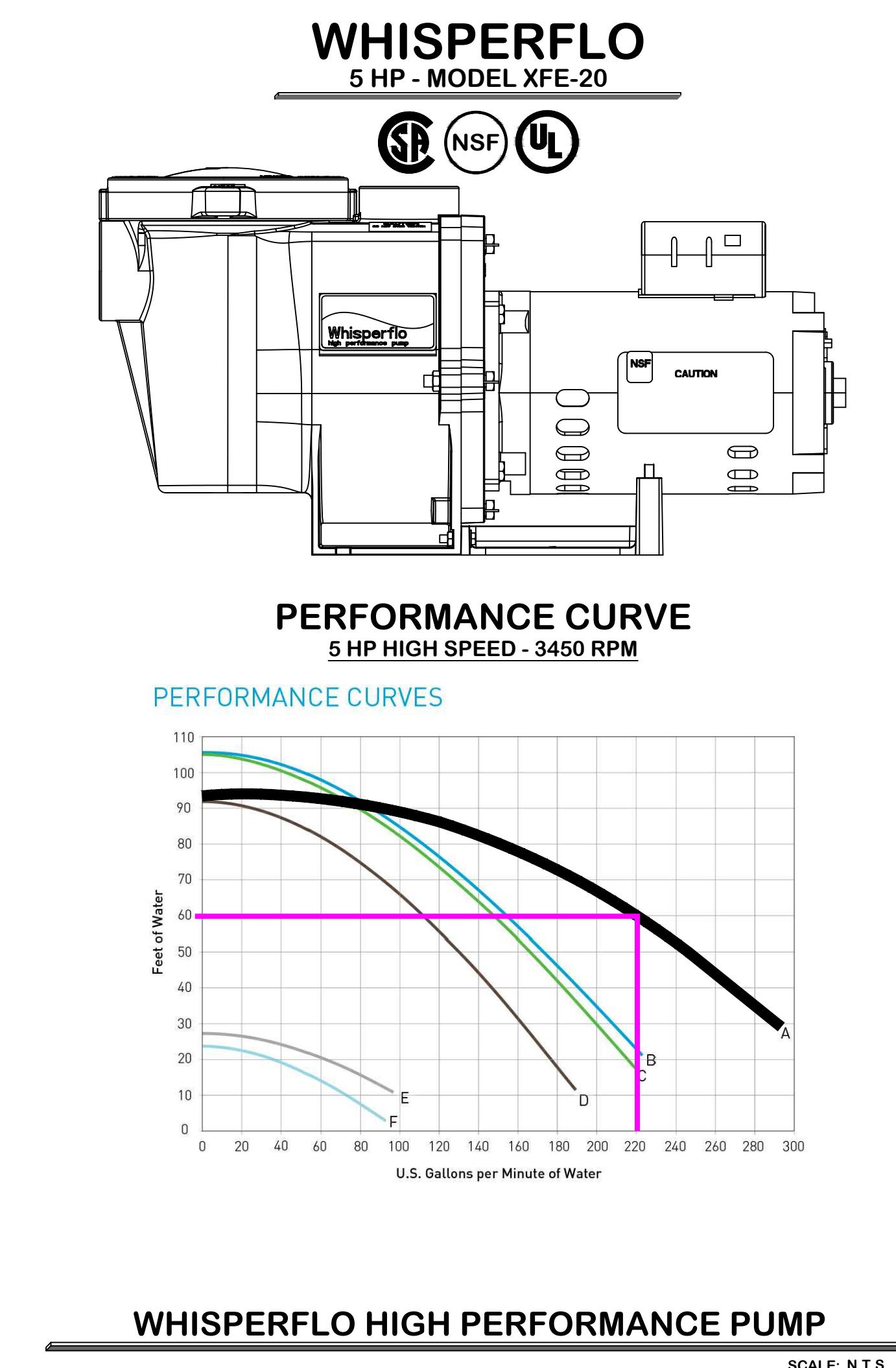
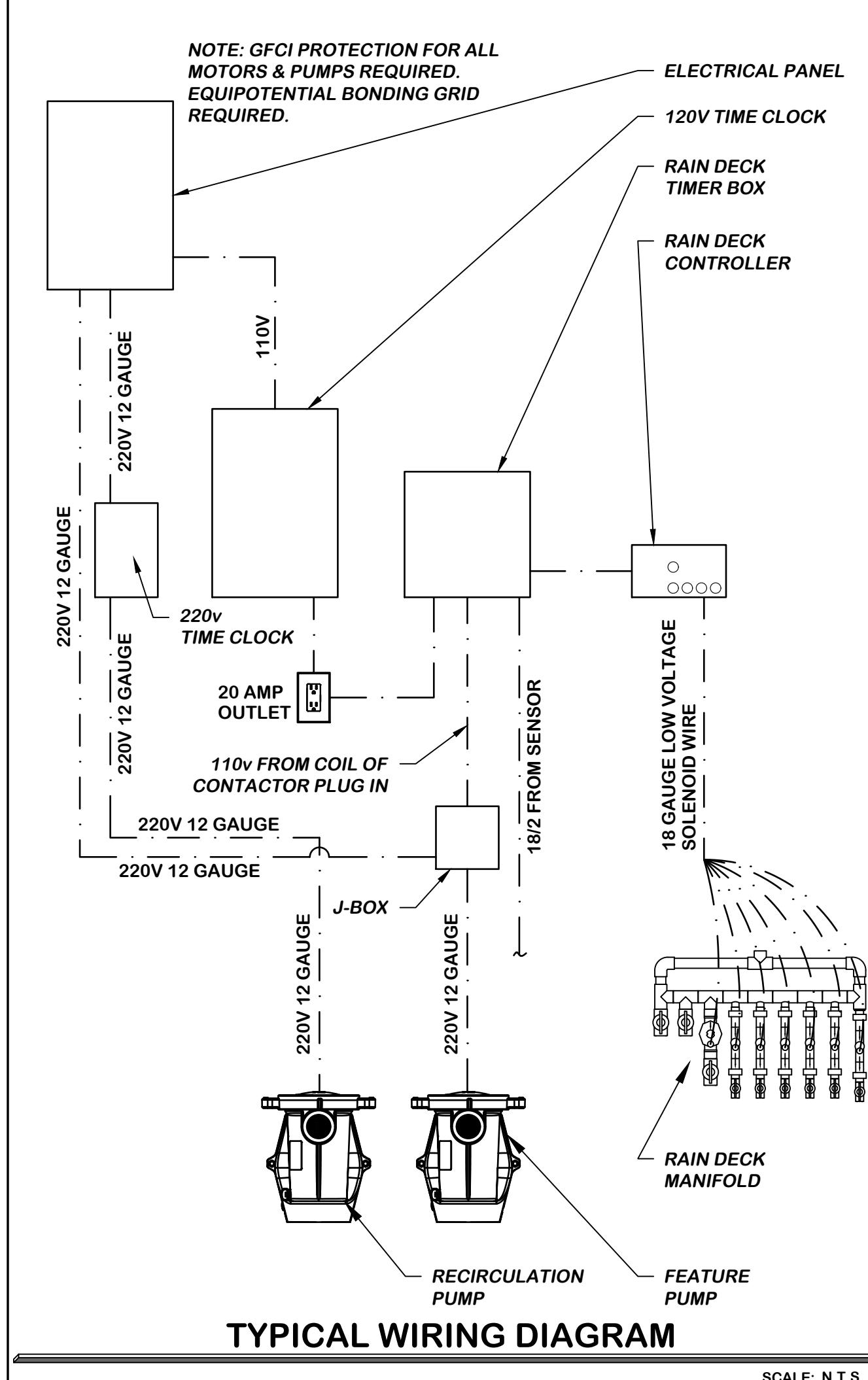
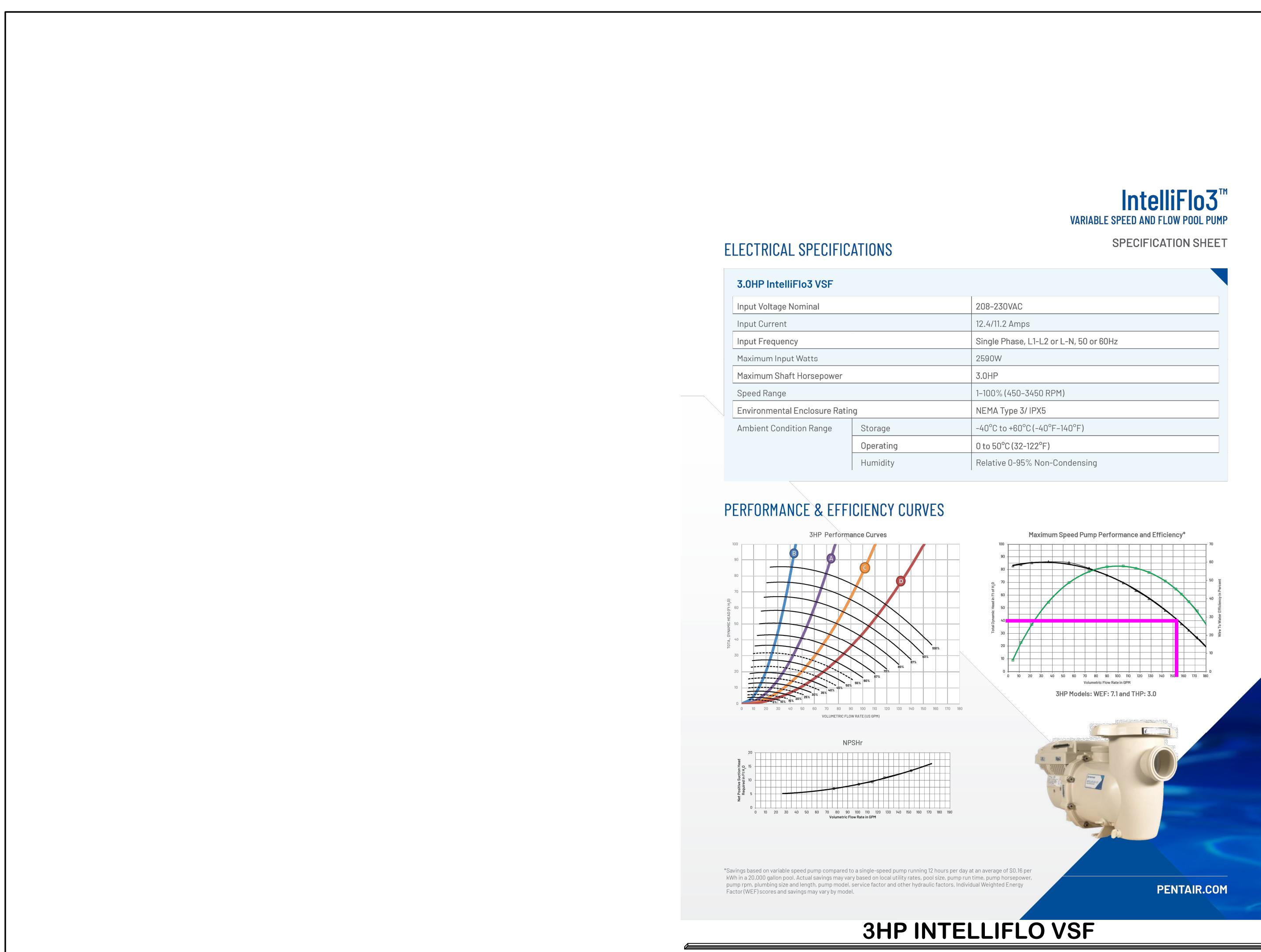


DRAWN BY **RS** REVIEWED BY **LB**
DATE **MAY 2025**
SHEET **SP1.5**
JOB NUMBER **32275**



01 PAD SECTION





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

SON COMMUNITY PARK SPLASHPAD

VILLAGE OF JEFFERSON

262 E JEFFERSON ST

DETAILS & SPECS

Suggested Splash Pad Rules

- In the event of an emergency, call 911 - the splash pad is located at {ADDRESS}
- All children must have adult supervision at all times. Children under the age of 10 must be accompanied by an adult.
- Please vacate the park when conditions call for thunder or lightning.
- Swimsuits and/or appropriate attire must be worn at all times.
- Footwear/sandals are strongly recommended.
- All participants must conduct themselves in a courteous, safe, and family-oriented manner.
- No drinks, candy, tobacco, popcorn, gum, alcohol, or food of any kind shall be permitted in the splash pad or within the required walkways of the splash pad.
- No glass allowed within the splash pad and its required walkway.
- No skateboards, roller blades, bicycles, and/or scooters are allowed on the splash pad.
- No animals allowed except for service animals.
- Do not climb, hang, swing, or pull on any of the splash pad equipment.
- Athletic equipment, balls, bats, beach balls, noodles, etc. are not allowed on the splash pad.
- The Splash pad uses recirculated water - DO NOT DRINK THE WATER!
- Water is chlorinated and recirculated through a filtration system.
- Shower or use the toilet before entering the splash pad.
- If incontinent, wear tight fitting rubber or plastic pants or a swim diaper. Swim diapers are required for all children under 4 years of age.
- The splash pad is unsupervised.
- Roughhousing or violent play is prohibited.
- Persons with sore or inflamed eyes, colds, nasal or ear discharges, boils or other acute or obvious skin or body infections, or cuts shall be excluded from the splash pad.
- Observe all safety regulations.
- No Running, please!
- Do not use pool when you have diarrhea
- Water is not meant for drinking
- Wash hands after using the rest room or changing diapers
- Take regular rest room breaks, change diapers only in a rest room

20835 S. ELLSWORTH RD., QUEEN CREEK, AZ 85142

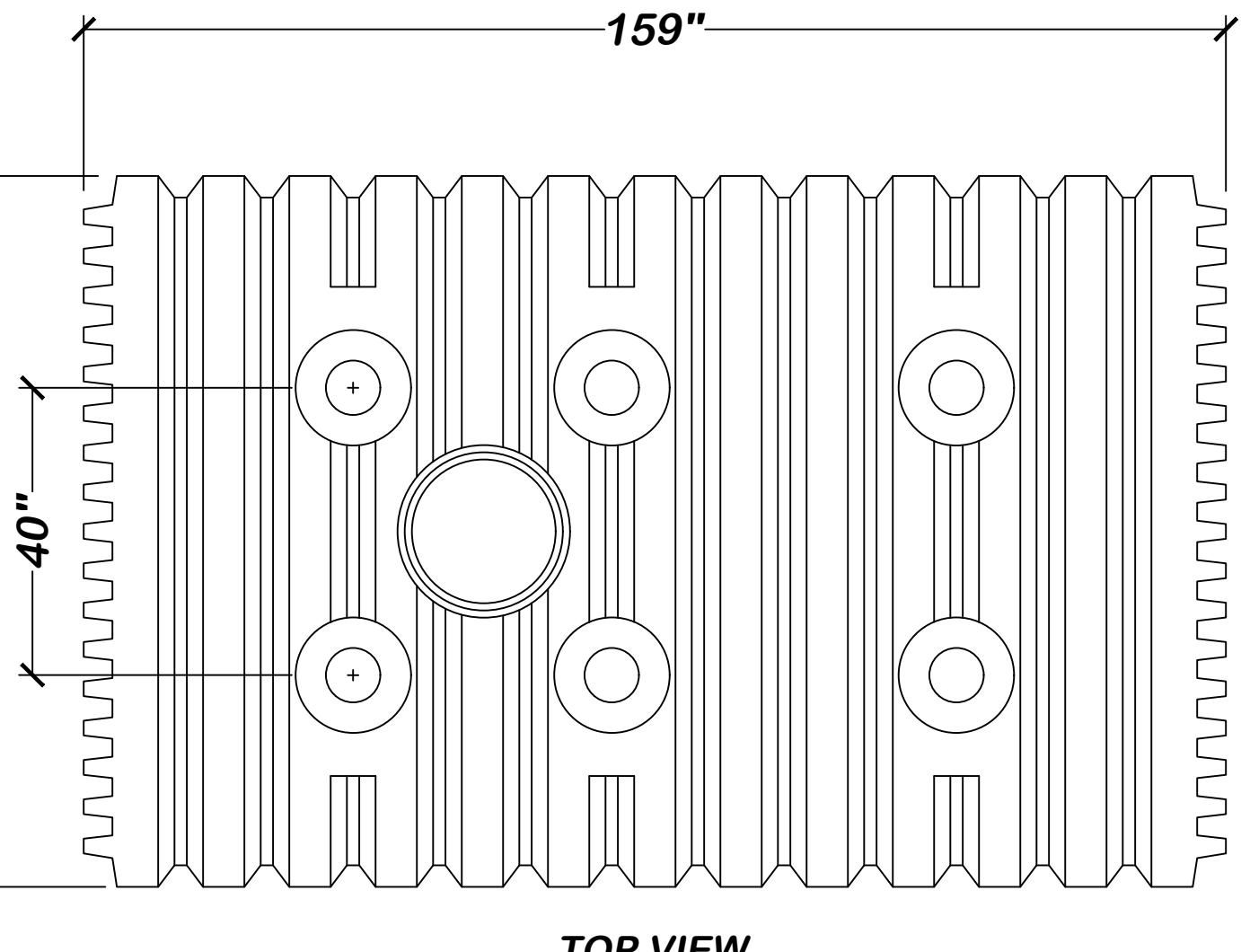
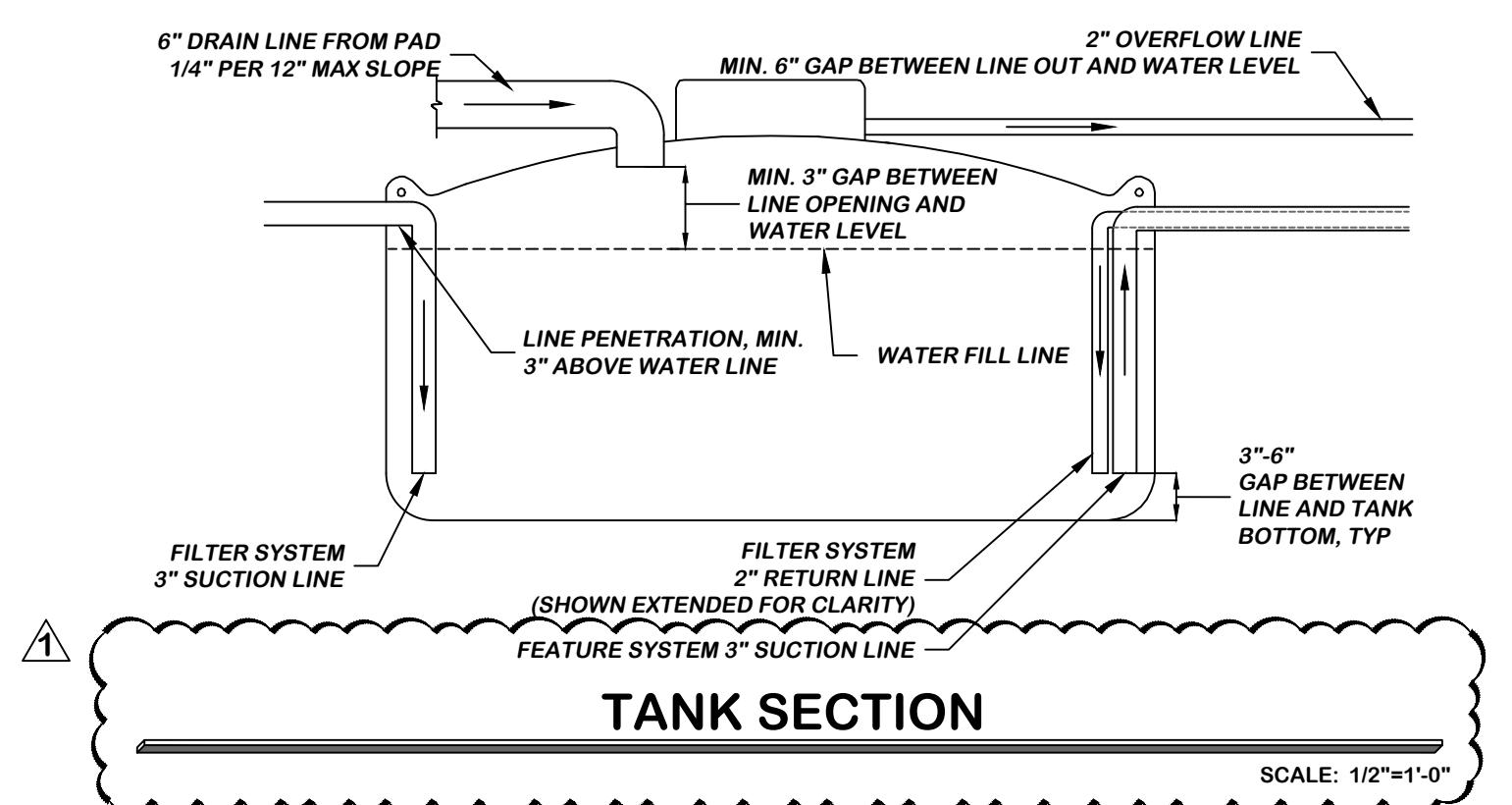
888-445-7246

APPROVED

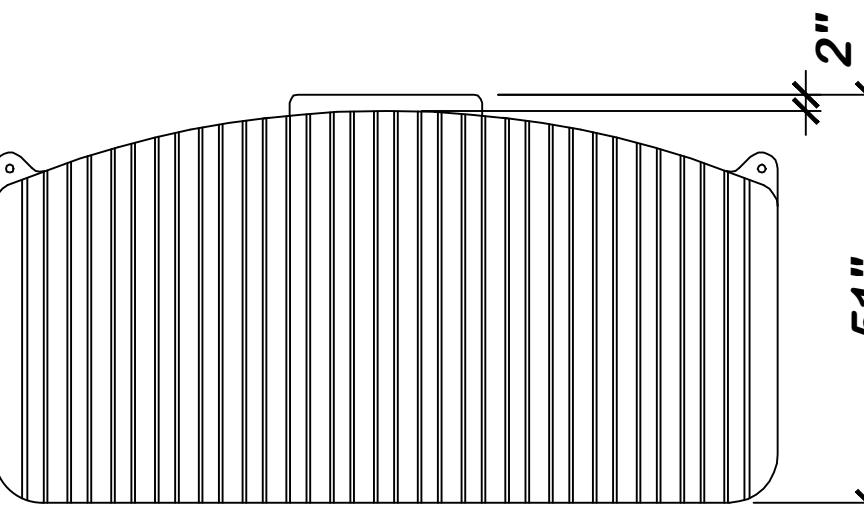
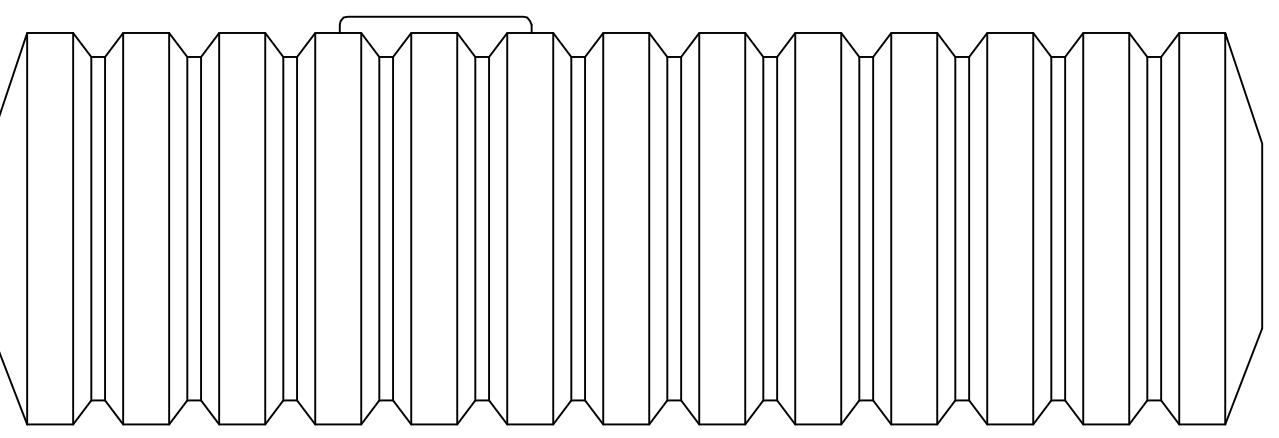
By Victor Nduaguba, PE at 1:46 pm, Nov 19, 2025

SUGGESTED PAD RULES

SCALE: N/A

**SPECIFICATIONS:**

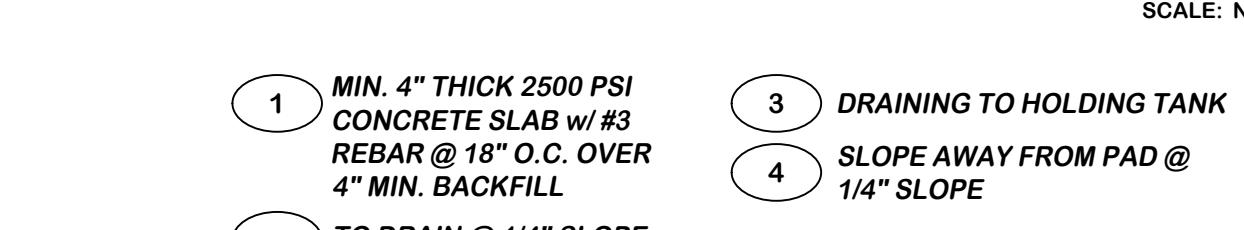
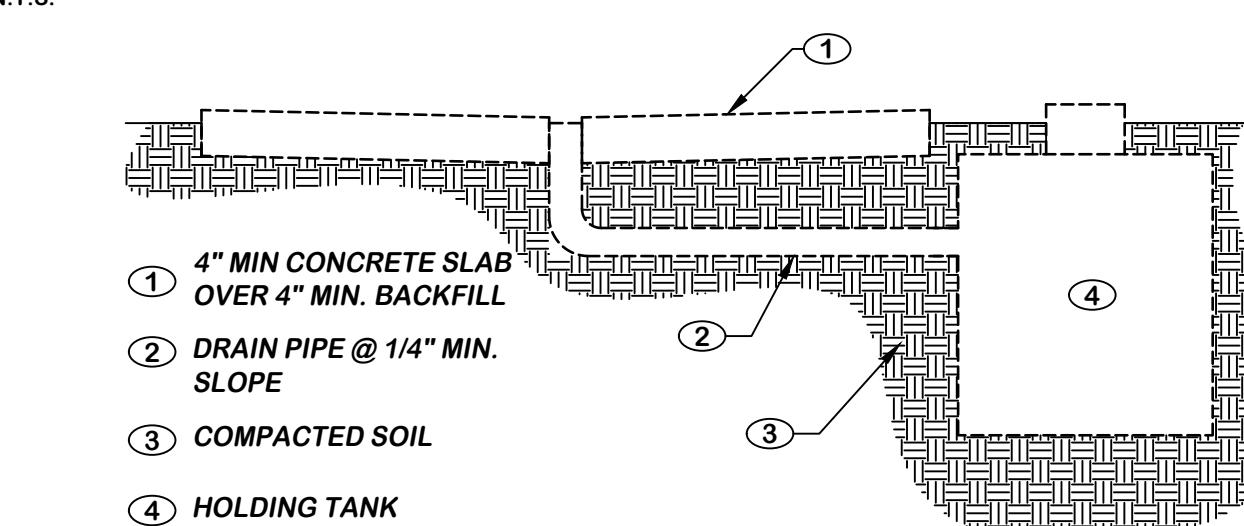
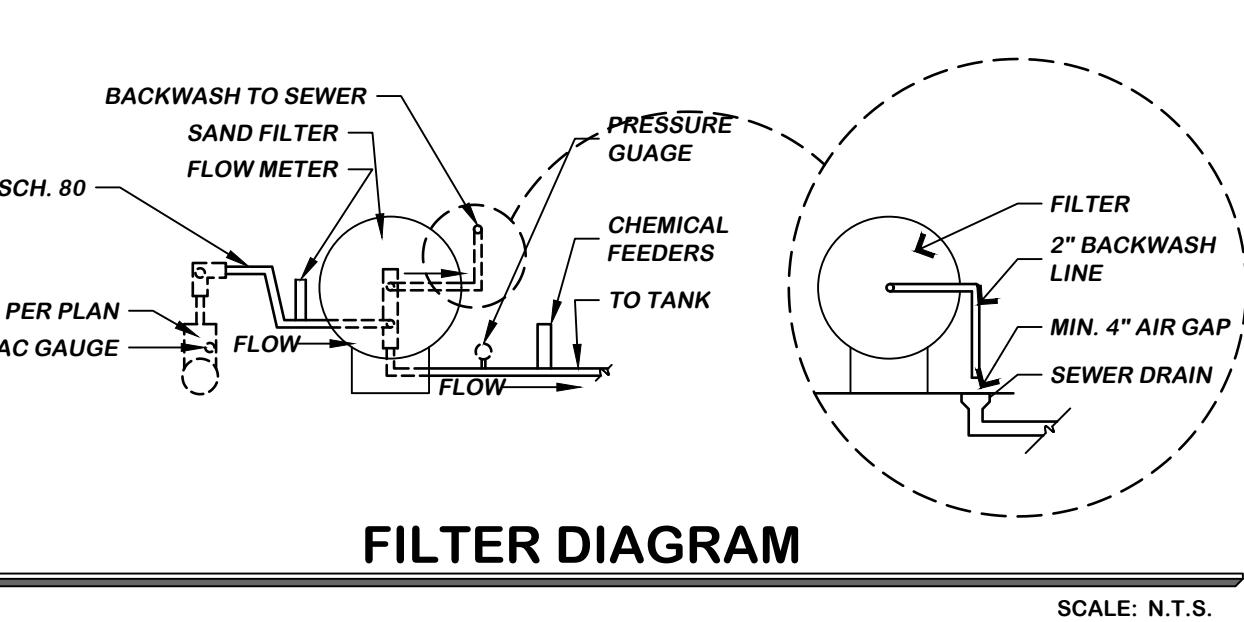
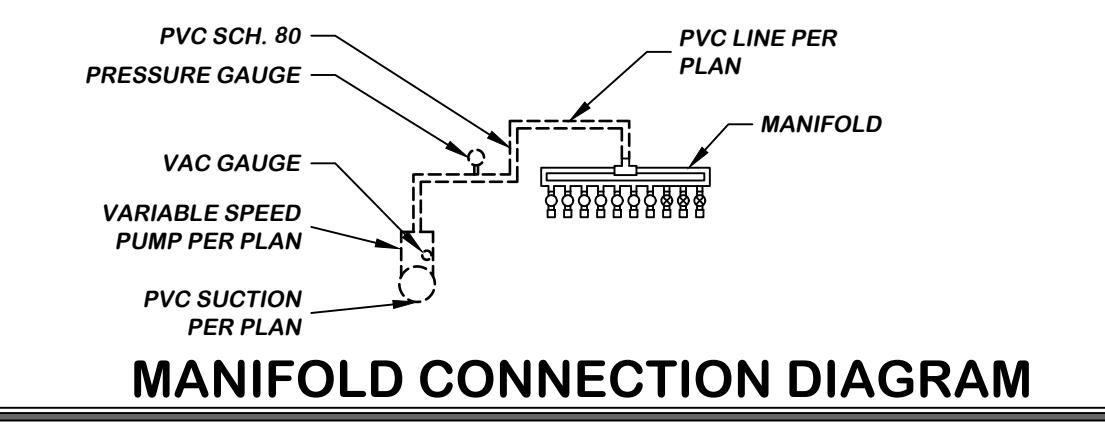
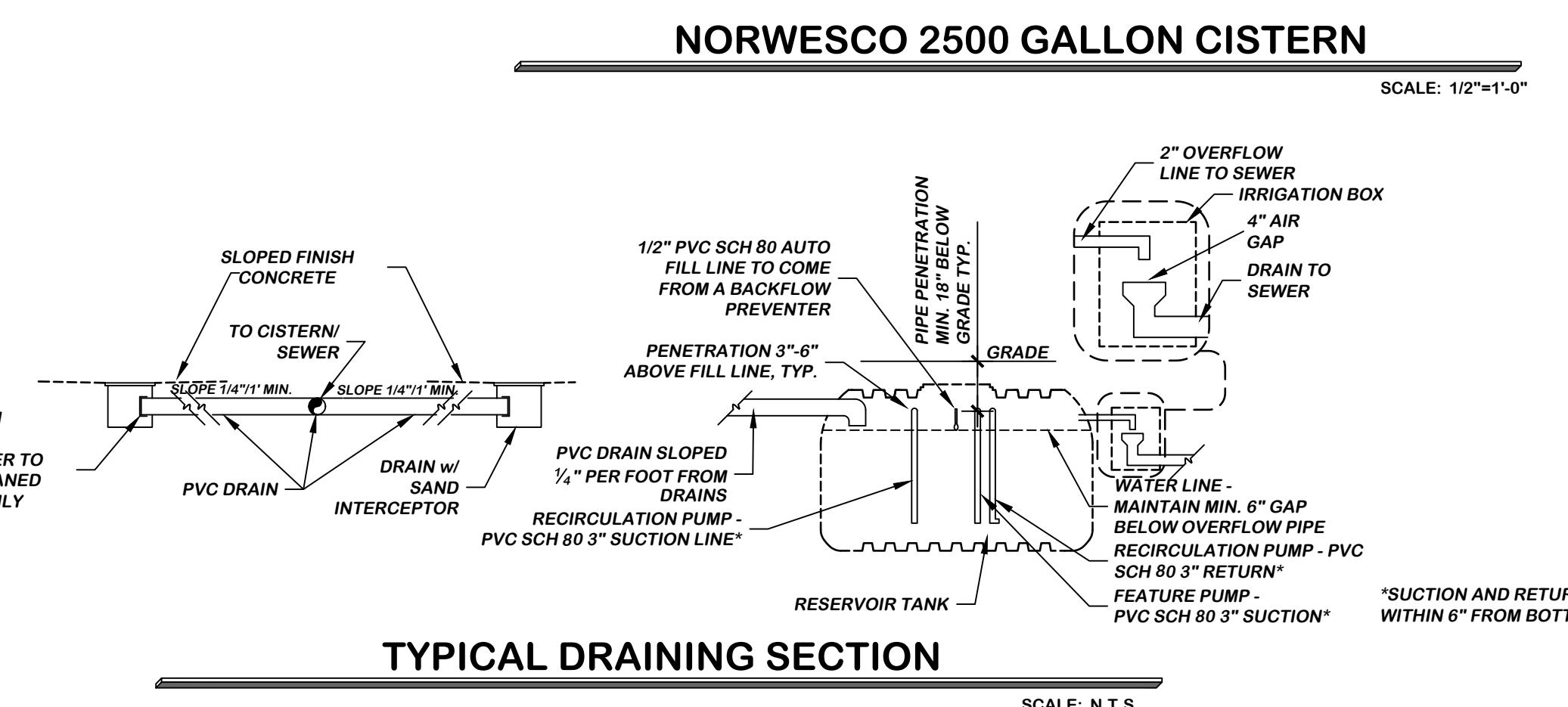
- MATERIAL: POLYPROPYLENE
- WATER CAPACITY: 2,500 GALLONS
- NSF CERTIFIED - STANDARD 61
-

**JEFFERSON COMMUNITY PARK SPLASHPAD**
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
DETAILS & SPECS

20835 S. ELLSWORTH RD., QUEEN CREEK, AZ 85142

Ph. 888-445-RAIN Fax. 866-869-3942

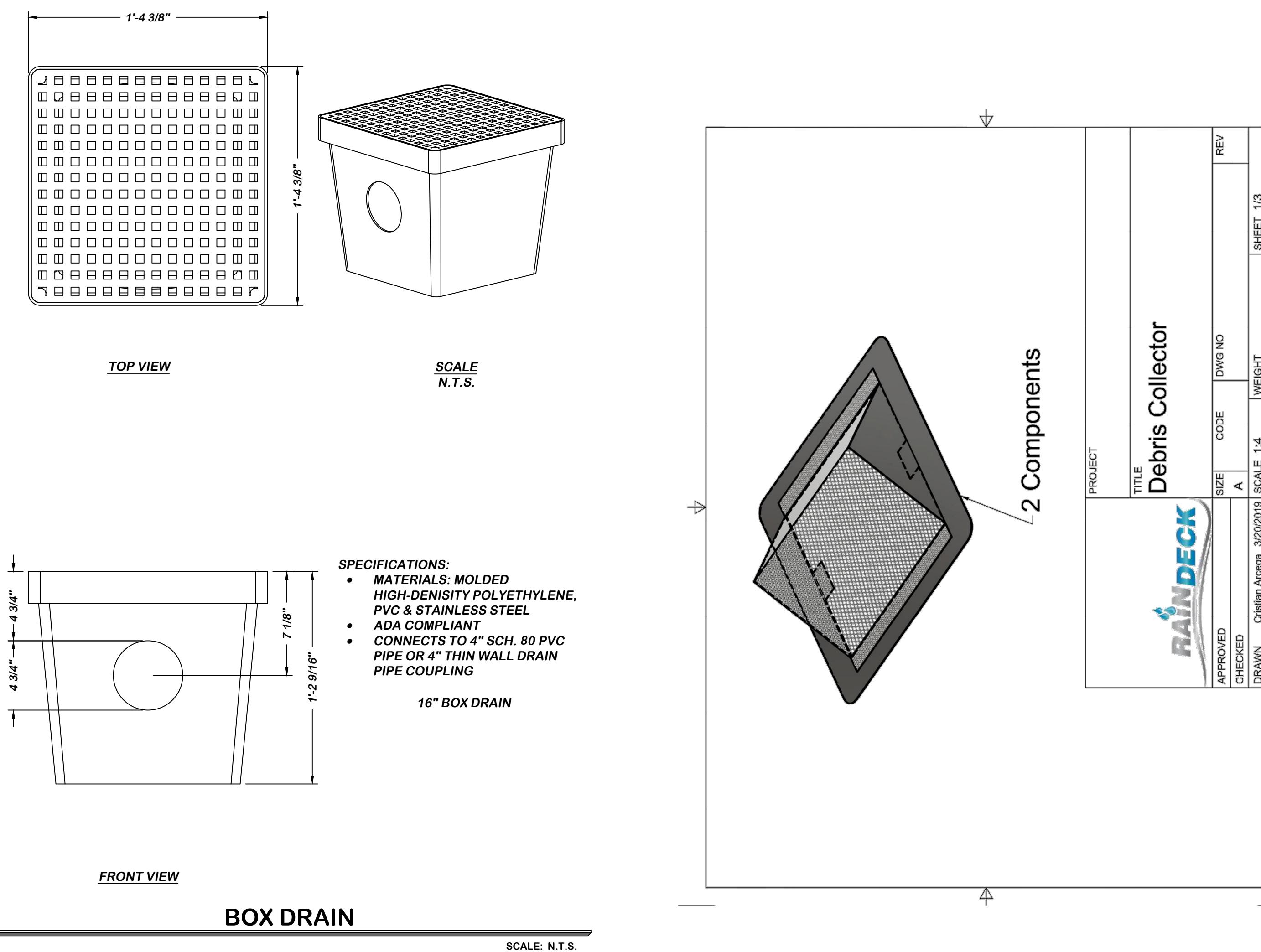
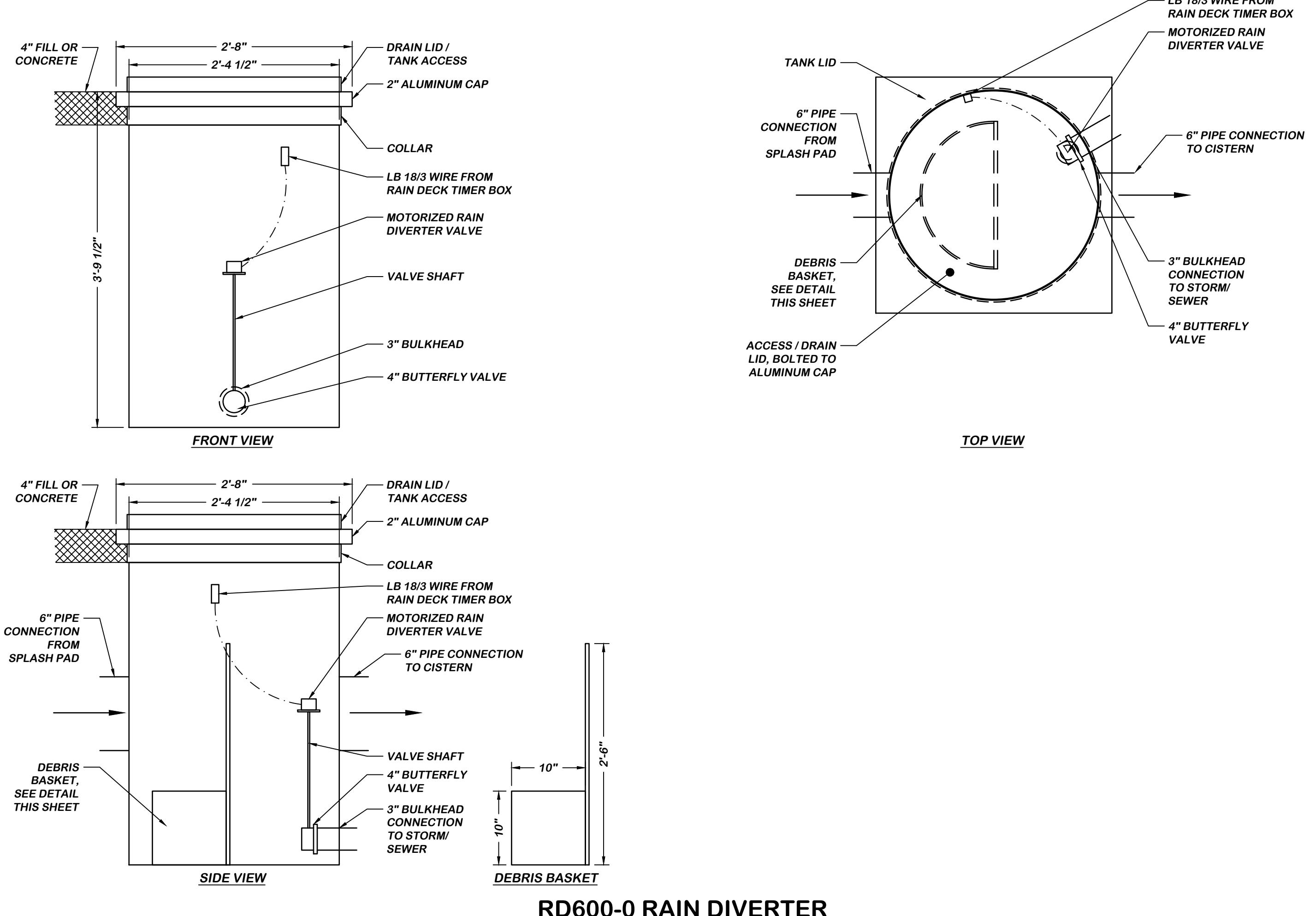
info@raindeck.com



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

APPROVED

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



THIS DRAWING IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF RAIN DECK. USE OF THIS DRAWING AND ALL REPRODUCTIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH IT WAS PREPARED AND SHALL NOT BE USED UNLESS PROPERLY SEALED AND APPROVED. PUBLICATION OF THIS DRAWING BY ANY METHOD IN WHOLE OR IN PART IS PROHIBITED WITHOUT PERMISSION OF RAIN DECK. WHERE A CONTRACTOR'S NAME APPEARS ON THIS DRAWING, WORK SHALL BE COMPLETED BY SAID CONTRACTOR EXCEPT BY AGREEMENT WITH SAME CONTRACTOR.

RAIN DECK
SOLAR AND PRODUCT SYSTEMS
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph: 888-445-RAIN Fax: 866-869-3942
info@raindeck.com

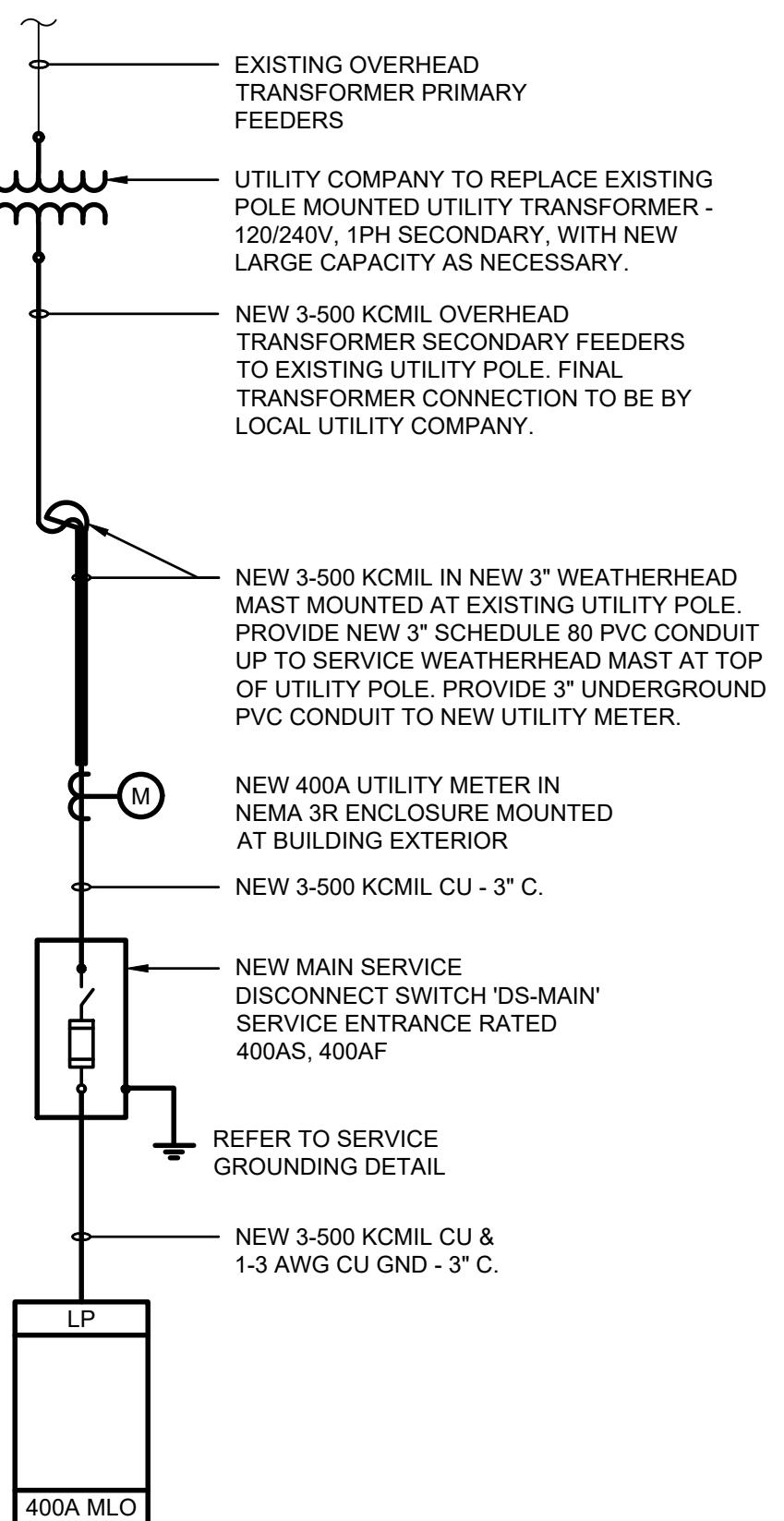
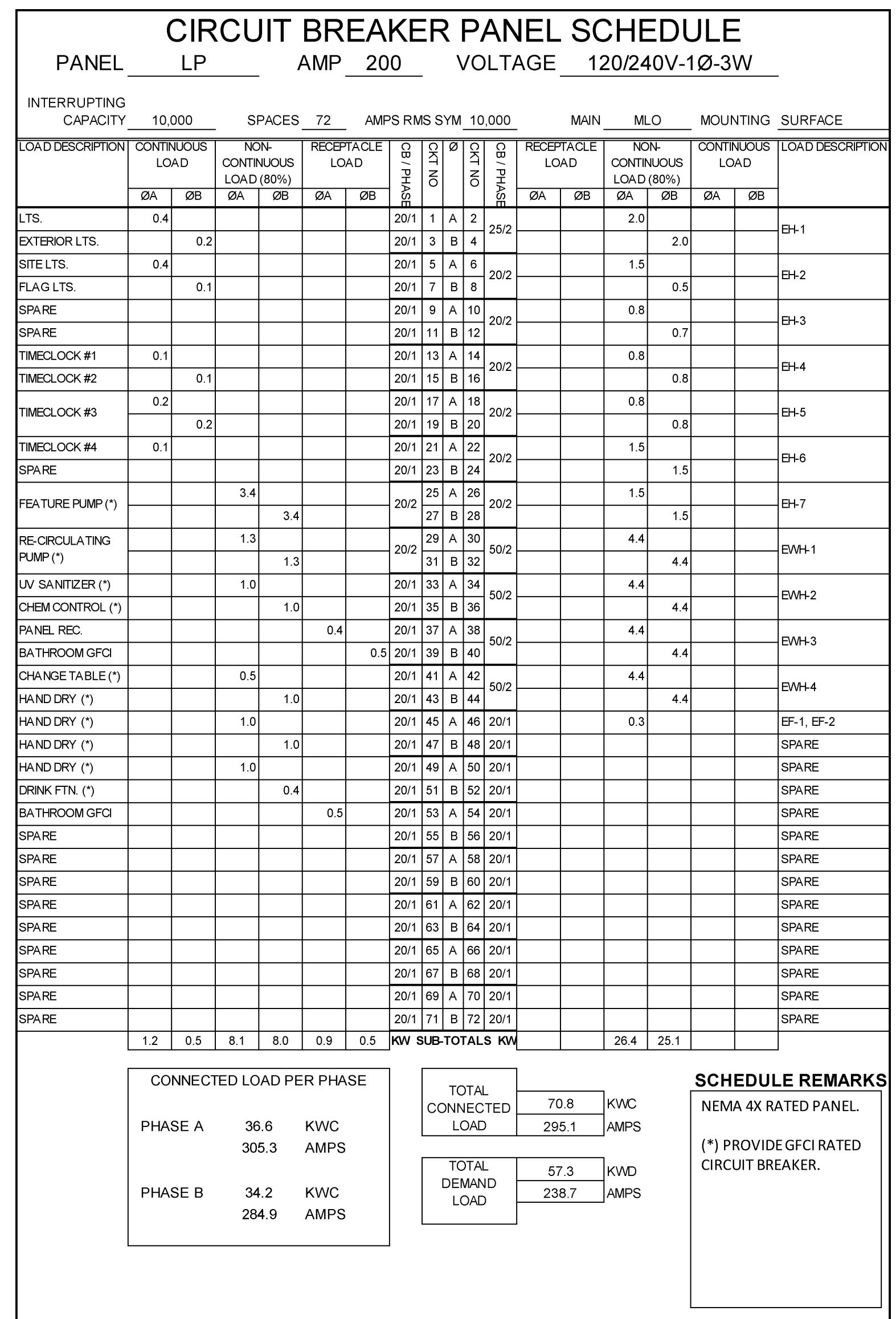
Verdantas
1001 LAKESIDE AVE E
SUITE 1005
CLEVELAND, OH 44114
PH: (216) 430-8508

REV.	DATE	BY	DESCRIPTION
△	09/30/2025	RS	RESPONSE TO CITY COMMENTS
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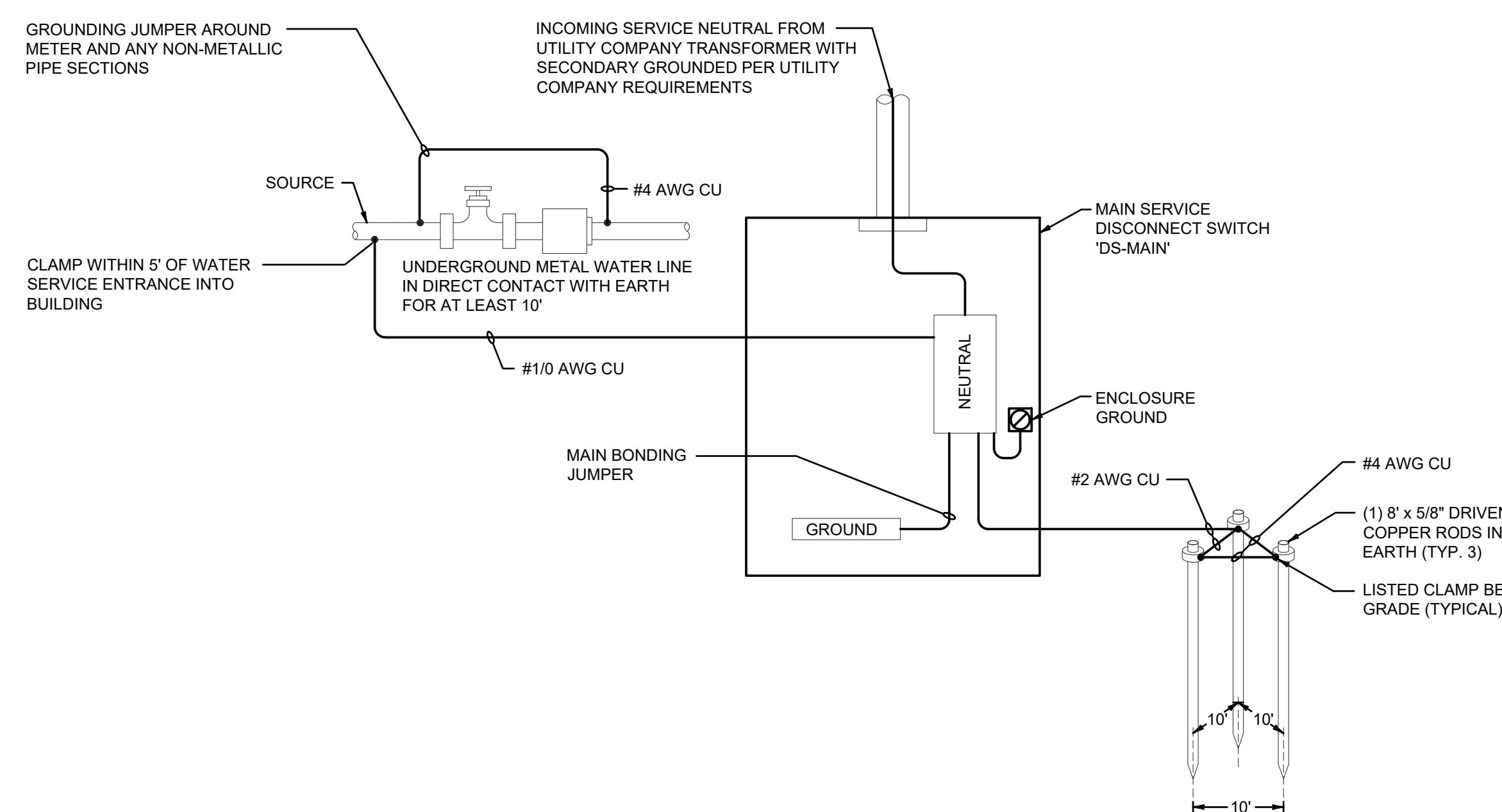
JEFFERSON COMMUNITY PARK SPLASHPAD
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
DETAILS & SPECS
SCALE: AS NOTED



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



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



NE LINE DIAGRAM

SERVICE GROUNDING ELECTRODE SYSTEM WIRING DIAGRAM NO SCALE

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 CONTRACTOR.

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

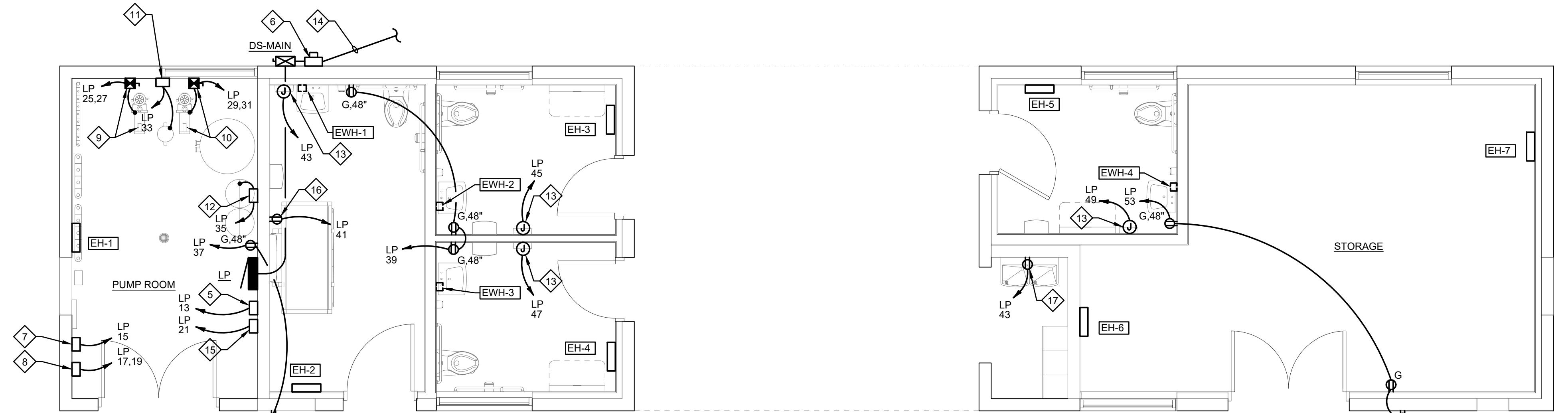
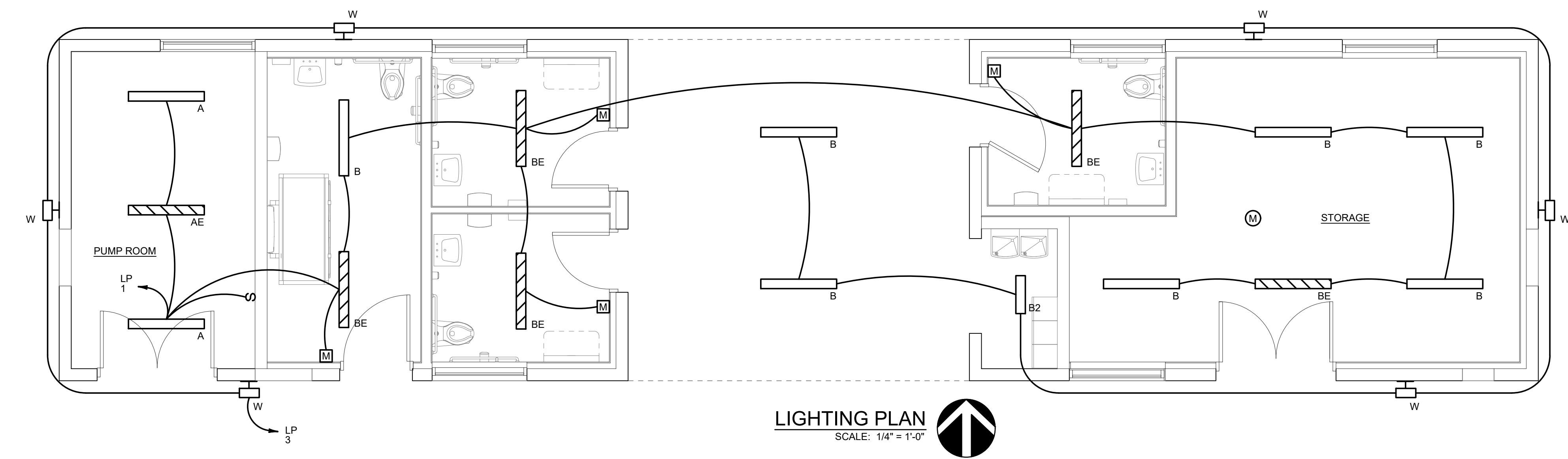
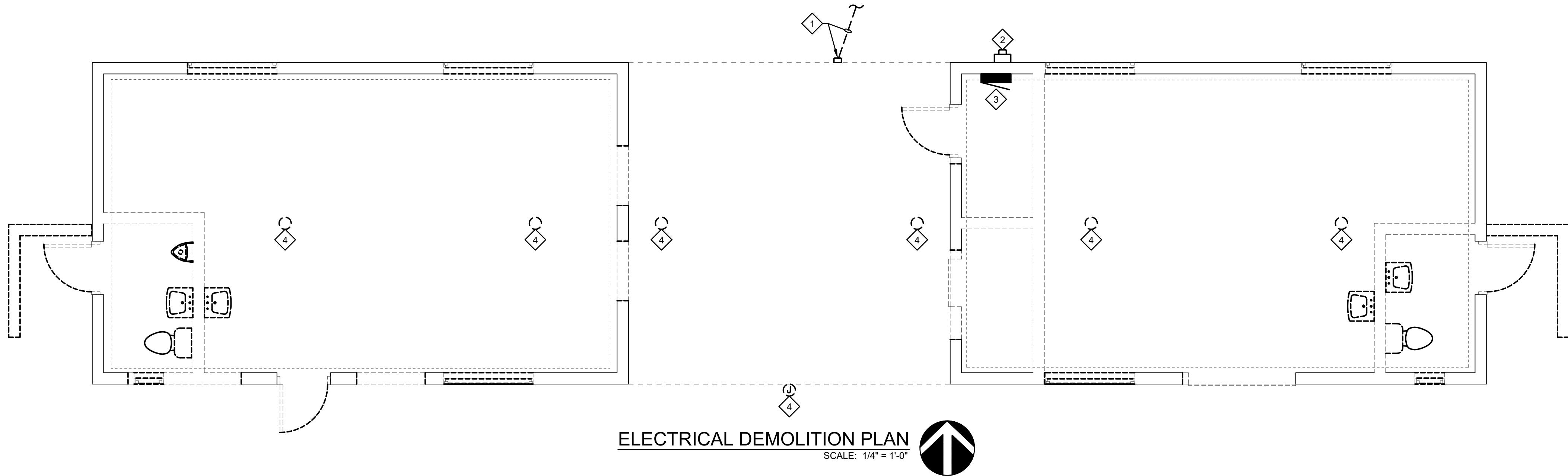
THE RESTROOM CONTRACTOR SHALL STUB SANITARY AND
WATERLINE 5' OUTSIDE OF BUILDING

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 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
			07/24/2025	JDM

F.B. NO.: APPROVED BY: REV: DRAWN BY: DATE: CHECKED BY: PG:



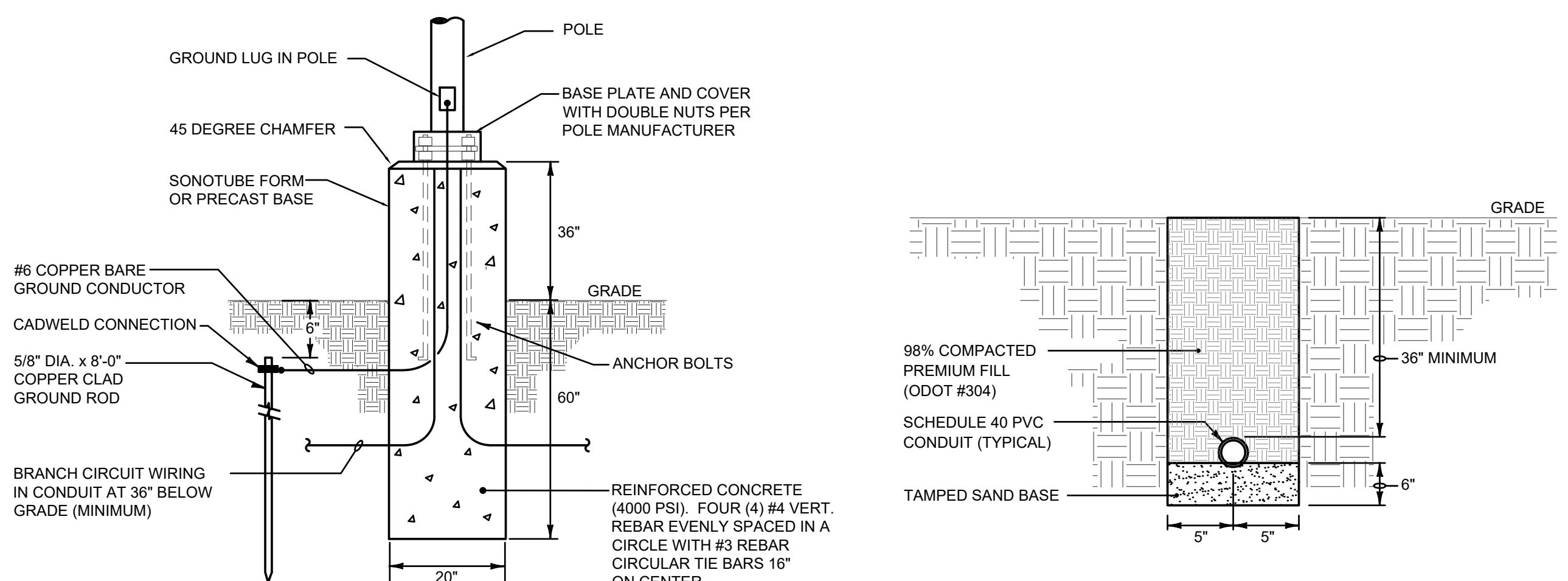
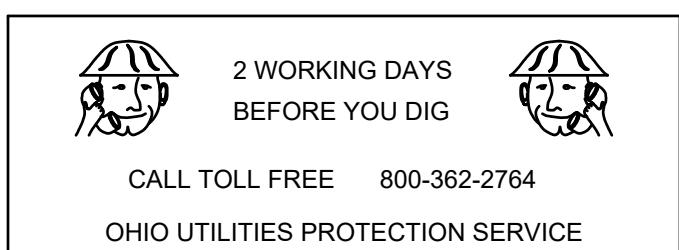
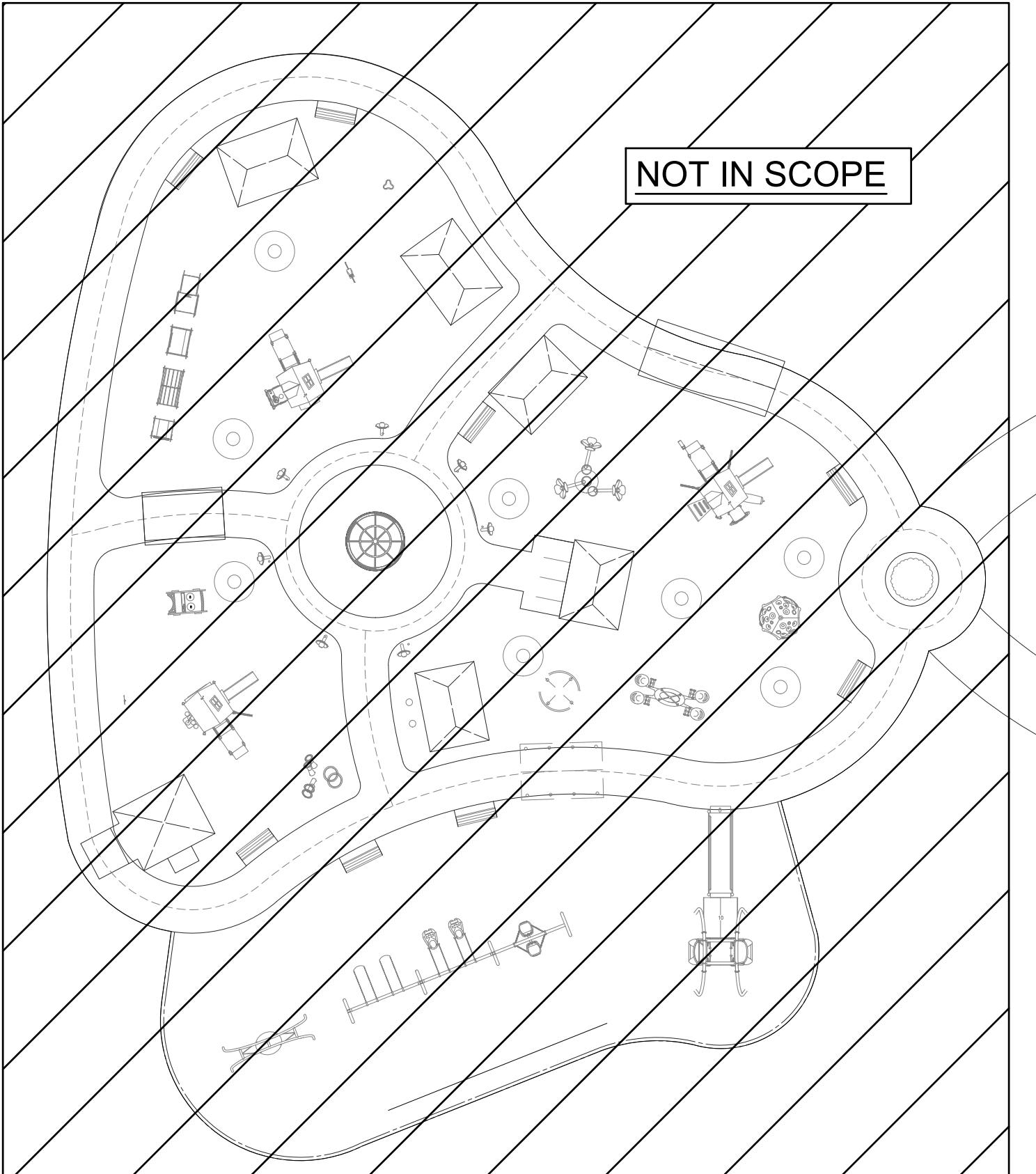
STATE OF
OHIO
TIMOTHY G. POOL
E-59700
REGISTERED
PROFESSIONAL ENGINEER
7.24.25
Tim Pool

verdantas

SITE LUMINAIRE SCHEDULE						
TYPE	LUMINAIRE WATTS	LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER
SA	52	120	LED 4,000K COMPACT LED FLOOD FIXTURE WITH 3X3 DISTRIBUTION AND 4,552 LUMENS DARK BRONZE FINISH.	GROUND	HUBBELL OR EQUALS BY LITHONIA, COOPER, PHILIPS	FML-20L-52-4K-7-N-U-K-DBT
SL1	72	240	LED 4,000K (1) ONE POLE MOUNTED LED SITE LIGHTS WITH TYPE 4 FORWARD OPTIC DISTRIBUTION, 22' TALL STRAIGHT 5" SQUARE STEEL POLE, ANCHOR BOLT COVER, BRONZE FINISH. 25' TOTAL HEIGHT. SEE ELECTRICAL SITE PLAN FOR ORIENTATION OF POLE FIXTURE HEADS.	5" SQUARE STEEL POLE WITH 36" TALL BASE	BEACON, OR EQUALS BY LITHONIA, COOPER, PHILIPS	VP-1-160L-75-4K7-4F

SITE LUMINAIRE SCHEDULE REMARKS

1. POLE THICKNESS AND WIND LOAD RATING TO BE SELECTED BY LUMINAIRE MANUFACTURER, RATED FOR A MINIMUM OF 100 MPH WIND LOAD.
2. ADJUST LUMINAIRE AIM ANGLE IN-FIELD AT NIGHT WITH OWNER'S REPRESENTATIVE.
3. FIXTURE TO BE CONTROLLED VIA TIME CLOCK.
4. REFER TO LIGHTING POLE BASE DETAIL.

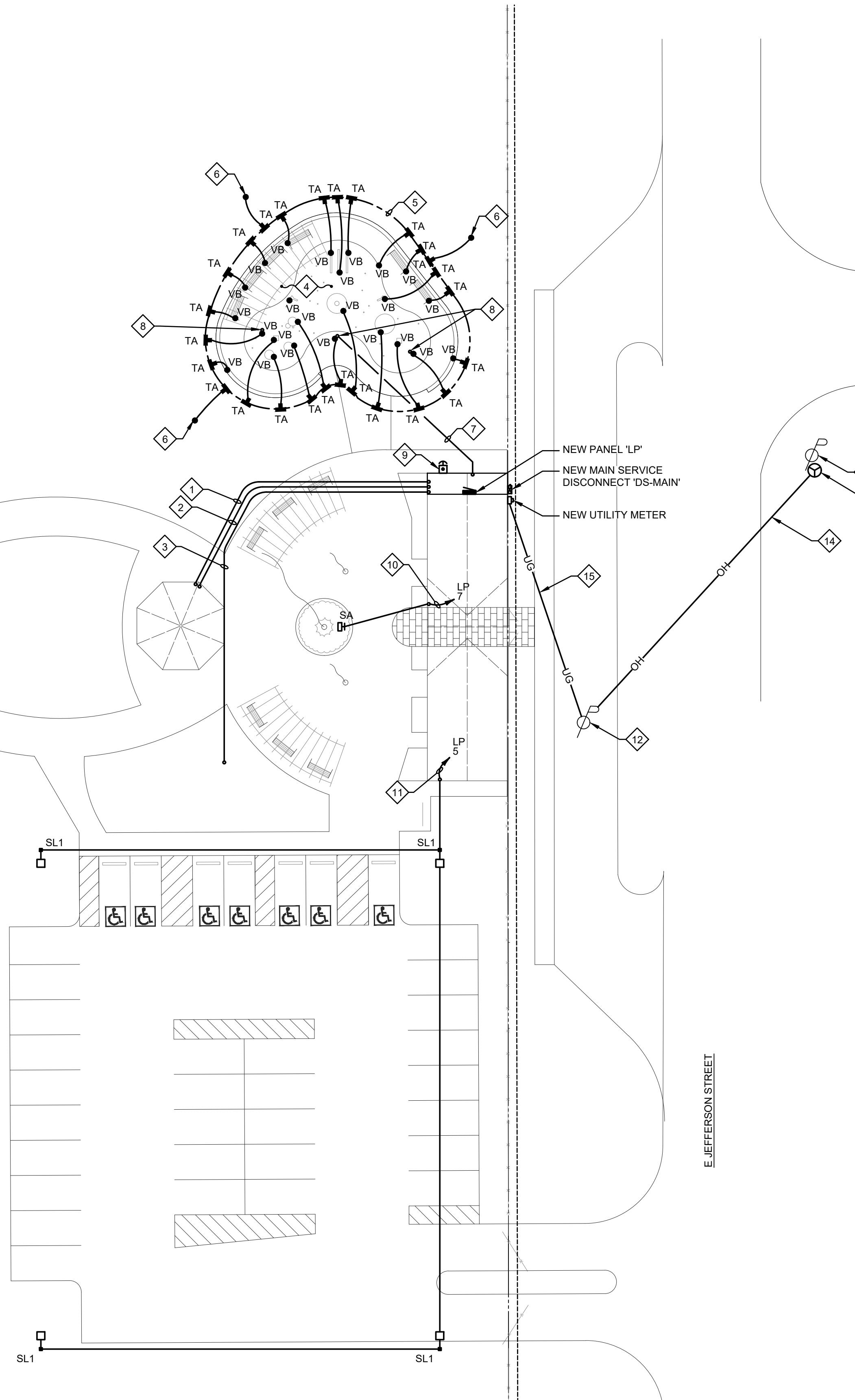


LIGHTING POLE BASE DETAIL

UNDERGROUND CONDUIT DETAIL - NON ENCASED
NO SCALE

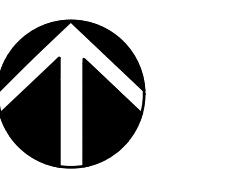
NOTE: PROVIDE 6" CONCRETE COVER WHEN ROUTED BELOW DRIVES AND PARKING AREAS.

NOTE: POSITION EDGE OF BASE AT 30" MINIMUM FROM THE EDGE OF PAVEMENT OR CURB.



ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"



GROUNDING SYMBOL LEGEND

- TA HORIZONTAL TEE CABLE TO CABLE CONNECTION. CADWELD OR IRREVERSIBLE CONNECTION.
- VB CABLE TO METAL SURFACE CONNECTION VIA IRREVERSIBLE CLAMP OR EXOTHERMIC WELD. CONNECTION TO BE MADE TO EQUIPMENT METAL FRAME, RAILING, STEEL STRUCTURE, ETC.

GENERAL SPLASH PAD BONDING NOTES

- A. SPLASHPAD SHALL HAVE AN EQUIPOTENTIAL BONDING GRID THAT CONFORMS TO ALL NEC 680 REQUIREMENTS.
- B. REFER TO ARCHITECTURAL DRAWINGS FOR SPLASHPAD SECTIONS AND CONSTRUCTIONS REQUIREMENTS. REFER TO THE SPLASHPAD MANUFACTURER'S DRAWINGS FOR ADDITIONAL BONDING AND GROUNDING REQUIREMENTS.
- C. ALL PARTS SHOWN SHALL BE BONDED TOGETHER AND CONNECTED TO COMMON BONDING GRID WITH #8 AWG MINIMUM SOLID COPPER AND IN ACCORDANCE WITH NEC 680. ALL BONDING CONNECTIONS SHALL BE MADE WITH UL LISTED BRASS, COPPER, OR COPPER ALLOY CONNECTIONS OR CLAMPS.
- D. ALL OF THE SPLASH PAD STRUCTURE'S METALLIC PARTS, INCLUDING THE METAL GUTTER AND WALL OF THE SPLASH PAD, COPING STONES AND SPLASH PAD DECK SHALL BE BONDED.
- E. METAL SHEATHED CABLES/RACEWAYS, METAL PIPING, AND ALL FIXED METAL PARTS THAT ARE NOT SEPARATED FROM THE SPLASH PAD BY A PERMANENT BARRIER AND ARE LOCATED WITHIN 5' HORIZONTALLY OF THE SPLASH PAD'S INSIDE WALL, AND WITHIN 12' VERTICALLY ABOVE THE MAXIMUM WATER LEVEL SHALL BE BONDED.
- F. ALL METAL FITTINGS WITHIN, OR ATTACHED TO, THE SPLASH PAD STRUCTURE SHALL BE BONDED.
- G. ALL FORMING SHELLS AND MOUNTING BRACKETS OF LIGHTING FIXTURES SHALL BE BONDED, UNLESS A LISTED LOW-VOLTAGE LIGHTING SYSTEM IS USED THAT DOES NOT REQUIRE BONDING.
- H. PROVIDE BONDING REPORT BEFORE ODH FINAL INSPECTION.

PLAN NOTES

1. PROVIDE 1" UNDERGROUND PVC CONDUIT WITH PULL STRING STUBBED NEAR GAZEBO POST FOR RECEPTACLE POWER - SEE UNDERGROUND CONDUIT DETAIL. MARK LOCATION OF SPARE CONDUIT STUB-UP.
2. PROVIDE 1" UNDERGROUND PVC CONDUIT WITH PULL STRING STUBBED NEAR GAZEBO POST FOR FUTURE LIGHTING - SEE UNDERGROUND CONDUIT DETAIL.. MARK LOCATION OF SPARE CONDUIT STUB-UP.
3. PROVIDE 2" UNDERGROUND PVC CONDUIT WITH PULL STRING STUBBED FOR FUTURE RESTROOM POWER - SEE UNDERGROUND CONDUIT DETAIL. MARK LOCATION OF SPARE CONDUIT STUB-UP.
4. PROVIDE BONDING AND GROUNDING FOR NEW SPLASHPAD AND ASSOCIATED METAL EQUIPMENT - REFER TO THE GENERAL SPLASHPAD BONDING NOTES.
5. PROVIDE #8 BARE COPPER BONDING WIRING BETWEEN ALL METAL FEATURES TO A 3/4" DIAMETER x 10' LONG COPPER GROUND ROD IN SOIL, TIED INTO REBAR GRID.
6. PROVIDE 5/8" DIAMETER x 8' LONG COPPER GROUND ROD IN SOIL, TIED INTO REBAR GRID.
7. PROVIDE 1/2" UNDERGROUND PVC CONDUIT AND LOW VOLTAGE WIRING FROM TIMER BOX TO ACTIVATOR POST. INSTALL PER SPLASH PAD MANUFACTURER REQUIREMENTS.
8. SPLASH PAD ACTIVATOR POST (BY SPLASH PAD VENDOR) - TYPICAL OF THREE.
9. PROVIDE E-STOP PUSH BUTTON FOR SPLASH PUMPS AND SOLENOID VALVES - MOUNTED AT BUILDING EXTERIOR. COORDINATE SHUT-OFF OPERATIONS WITH SPLASH PAD VENDOR.
10. PROVIDE 3/4" UNDERGROUND PVC CONDUIT TO FLAG POLE LIGHTING - SEE UNDERGROUND CONDUIT DETAIL. WIRING TO BE 2-10 AWG & 1-10 AWG GND. WIRE THROUGH AUTOMATIC TIME CLOCK #1 CONTROLS.
11. PROVIDE 3/4" UNDERGROUND PVC CONDUIT FOR SITE LIGHTING - SEE UNDERGROUND CONDUIT DETAIL. WIRING TO BE 2-10 AWG & 1-10 AWG GND. WIRE THROUGH AUTOMATIC TIME CLOCK #1 CONTROLS.
12. EXISTING UTILITY POLE.
13. EXISTING POLE MOUNTED TRANSFORMER - TO BE REMOVED AND REPLACED BY LOCAL UTILITY COMPANY. SEE ONE LINE DIAGRAM.
14. EXISTING OVERHEAD TRANSFORMER SECONDARY FEEDERS TO BE REMOVED AND REPLACED WITH NEW BY ELECTRICAL CONTRACTOR - SEE ONE LINE DIAGRAM. FINAL TRANSFORMER CONNECTION TO BE BY LOCAL UTILITY COMPANY. E.C. TO COORDINATE ALL INSTALLATION REQUIREMENTS WITH LOCAL UTILITY COMPANY.
15. NEW UNDERGROUND FEEDER & CONDUIT - SEE ONE LINE DIAGRAM.

JEFFERSON COMMUNITY PARK IMPROVEMENTS
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
ELECTRICAL SITE PLAN
SCALE: As indicated
CONTRACT NO: 242425
SHEET
ES1.01

33831 Cirls Blvd., 216
Eastgate, OH 44095
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cleveland | columbus

GENERAL NOTES (PLUMBING)

- A. SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE.
- B. 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.
- C. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE LOCAL BUILDING CODE AND AUTHORITY HAVING JURISDICTION.
- D. PLUMBING WORK SHALL BE COMPLETED BY AN INDIVIDUAL OR BUSINESS THAT IS LICENSED BY THE STATE CONSTRUCTION INDUSTRY LICENSING BOARD.
- E. ALL FIXTURES SHALL BE PROVIDED WITH SHUT-OFF BALL VALVES ON SUPPLY LINES.
- F. ALL PUBLIC HAND WASHING SINKS SHALL BE SUPPLIED WITH TEMPERED WATER WITH AN APPROVED WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070.
- G. NO PIPING OR EQUIPMENT SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
- H. EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
- I. 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.
- J. ALL MATERIALS USED SHALL BE NEW AND UNDAMAGED.
- K. 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

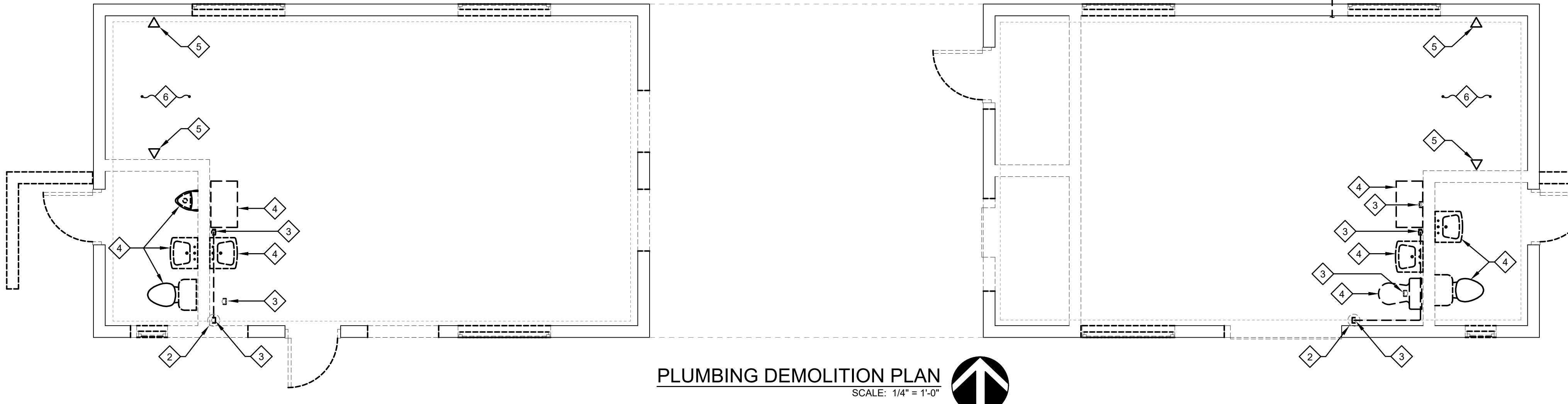
1. EXISTING INCOMING WATER SERVICE AND WATER METER ASSOCIATED PIPING FROM STREET TO BE REMOVED. PREPARE PIPE END AT STREET FOR NEW CONNECTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
2. EXISTING VENT THROUGH ROOF TO REMAIN. REMOVE ALL VENT PIPING WITHIN BUILDING TO BELOW ROOF AND PREPARE PIPE END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

NEW PLAN NOTES

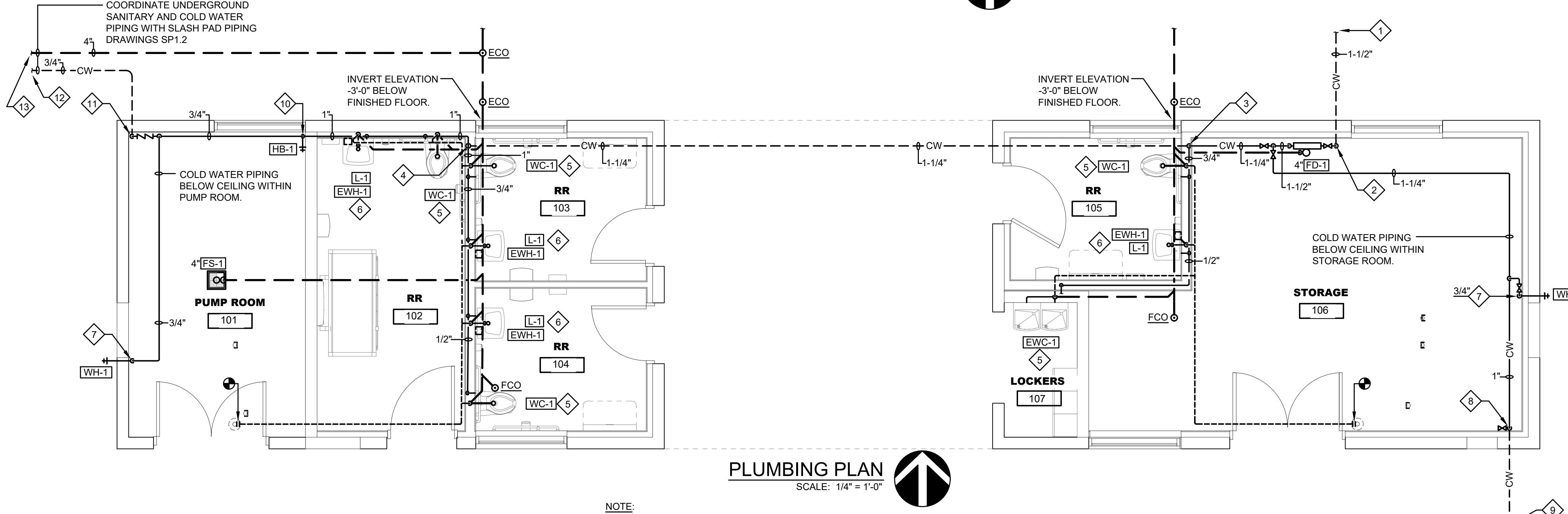
1. EXTEND COLD WATER SERVICE BELOW GRADE AND CONNECT TO EXISTING WATER MAIN AT STREET.
2. 1-1/2" COLD WATER SERVICE SLEEVED AND SEALED UP THROUGH SLAB AND PROVIDE MAIN SHUT-OFF VALVE. BACKFLOW PREVENTER TO MEET ASSE STANDARD 1013 AND WATER PRESSURE WITHIN BUILDING TO COMPLY WITH OHIO PLUMBING CODE. REFER TO DETAIL ON SHEET M0.01.
3. 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.
4. 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.
5. 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE.
6. 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE AND EWH-1. CONNECT 1/2" HOT WATER FROM EWH-1 TO LAV-1.
7. 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.
8. 1" COLD WATER DOWN ALONG WALL WITH SHUT-OFF VALVE IN DROP. SLEEVE AND SEAL TO BELOW SLAB.
9. 1" COLD WATER PIPE BELOW GRADE AND TO EXTEND BEYOND CONCRETE PAD TO GRASSY AREA AND CAPPED FOR FUTURE.
10. 1" COLD WATER UP ALONG WALL. PROVIDE 3/4" HOSE BIBB AND CONTINUE UP TO BELOW CEILING.
11. 3/4" COLD WATER PIPING DOWN ALONG WALL TO BELOW SLAB WITH SLEEVE. PROVIDE SMALL 1/2" BACKFLOW PREVENTER.
12. 3/4" COLD WATER CONTINUED BELOW GRADE TO AUTOFILL CONNECTION ON RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3
13. 4" SANITARY SEWER BELOW GRADE TO EXTEND TO RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3

GENERAL NOTES (HVAC)

1. 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.
2. COORDINATE SCHEDULE OF WORK REQUIRED IN OCCUPIED AND OPERATING AREAS WITH OWNER PRIOR TO STARTING SUCH WORK.
3. 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.
4. PROVIDE ACCESS PANELS TO BALANCE DAMPERS IN EXHAUST SYSTEM.
5. 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.
6. 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.
7. COORDINATE AIR DISTRIBUTION DEVICE LOCATIONS WITH FINAL REFLECTED CEILING PLAN.
8. THE DUCTWORK SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
9. 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.
10. BUILDING SHALL BE HEATED IN WINTER SEASON. EXHAUST SHALL REMAIN OFF IN WINTER.


PLUMBING DEMOLITION PLAN

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


PLUMBING PLAN

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

NOTE:

1. REFER TO SHEET M0.01 FOR SANITARY STACK DIAGRAM FOR ALL SANITARY AND VENT SIZES. PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULES AND CONNECTION SIZES.
2. FACILITY WILL BE VACANT DURING WINTER MONTHS. SLOPE DOMESTIC HOT AND COLD WATER PIPING AND PROVIDE DRAIN VALVES AT LOW POINTS IN SYSTEM. ANTI-FREEZE 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.

STATE OF OHIO
PROFESSIONAL ENGINEER
TIMOTHY G. POOL
E-59700
7.24.25

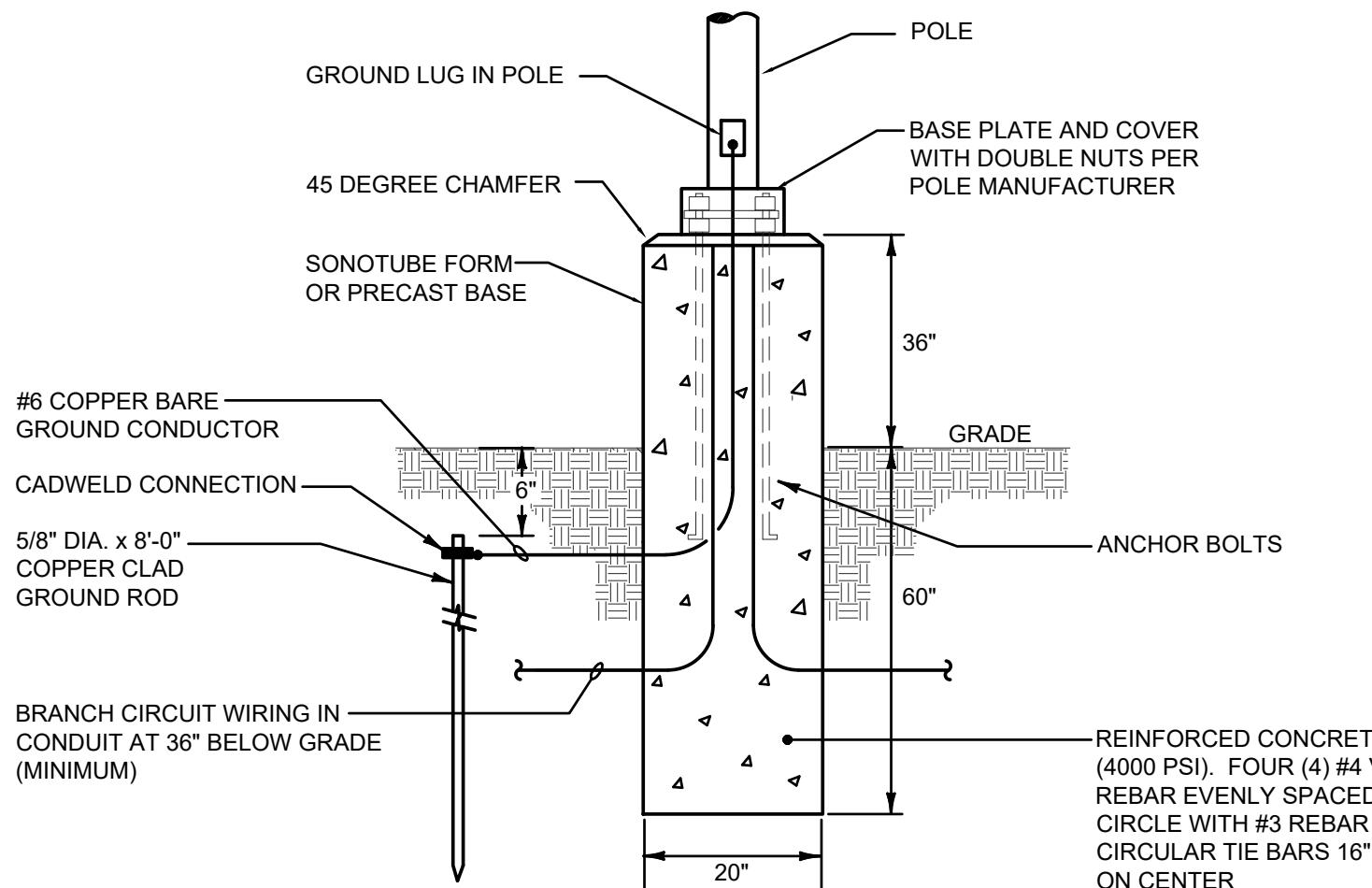
verdantas

PHOTOMETRIC ELECTRICAL SYMBC

SITE LUMINAIRE SCHEDULE						
TYPE	LUMINAIRE WATTS	VOLTS	LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER
					CATALOG NUMBER	REMARKS
SA	52	120	LED 4,000K 4,552 LUMENS	COMPACT LED FLOOD FIXTURE WITH 3X3 DISTRIBUTION AND DARK BRONZE FINISH.	GROUND	HUBBELL, OR EQUALS BY LITHONIA, COOPER, PHILIPS
SL1	72	240	LED 4,000K 10,000 LUMENS	(1) ONE POLE MOUNTED LED SITE LIGHTS WITH TYPE 4 FORWARD OPTIC DISTRIBUTION, 22' TALL STRAIGHT 5" SQUARE STEEL POLE, ANCHOR BOLT COVER, BRONZE FINISH, 26' TOTAL HEIGHT. SEE ELECTRICAL SITE PLAN FOR ORIENTATION OF POLE FIXTURE HEADS.	5" SQUARE STEEL POLE WITH 36" TALL BASE	BEACON, OR EQUALS BY LITHONIA, COOPER, PHILIPS

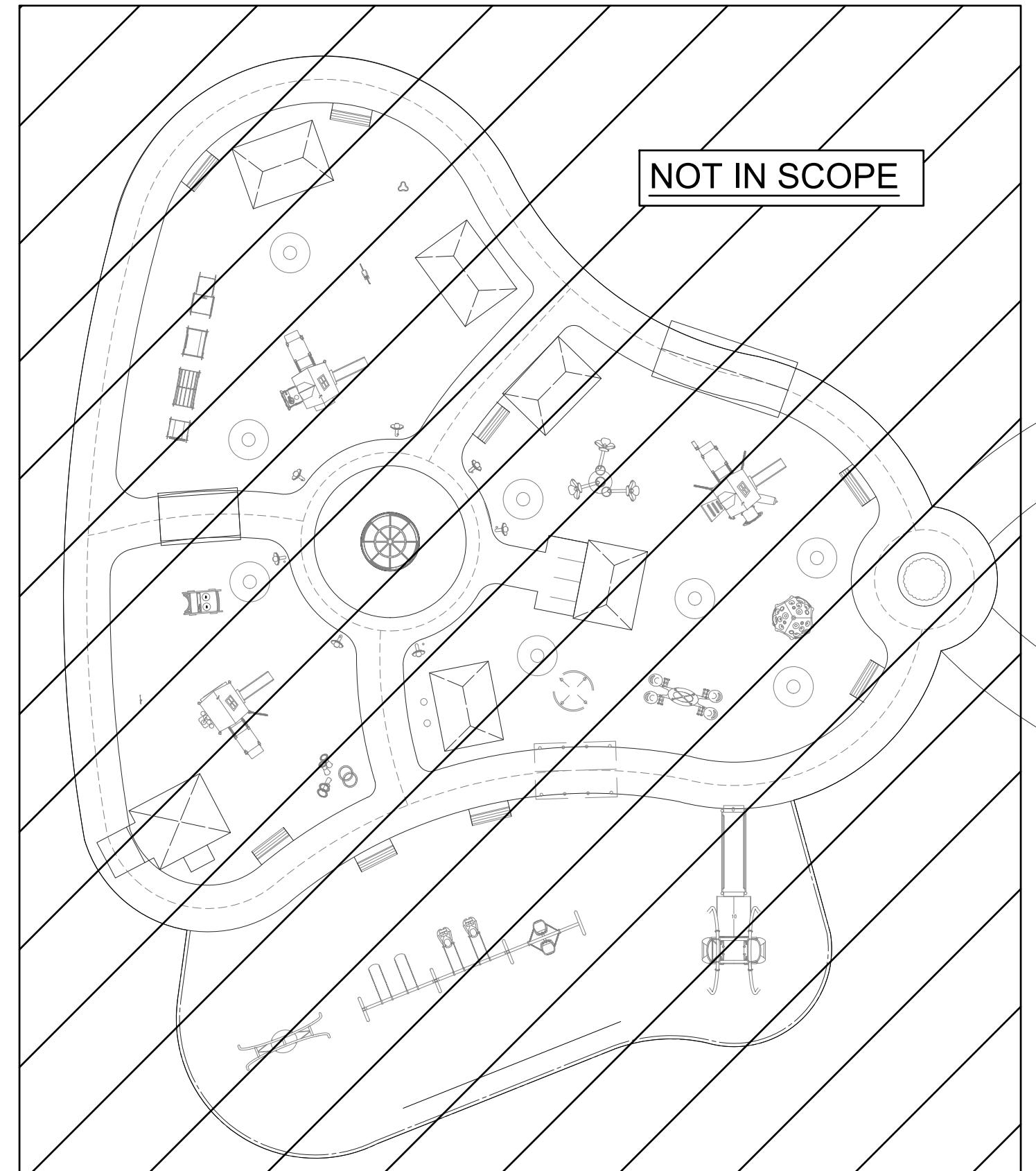
SITE LUMINAIRE SCHEDULE REMARKS

- POLE THICKNESS AND WIND LOAD RATING TO BE SELECTED BY LUMINAIRE MANUFACTURER, RATED FOR A MINIMUM OF 100 MPH WIND LOAD.
- ADJUST LUMINAIRE AIM ANGLE IN-FIELD AT NIGHT WITH OWNER'S REPRESENTATIVE.
- FIXTURE TO BE CONTROLLED VIA TIME CLOCK.
- REFER TO LIGHTING POLE BASE DETAIL.



LIGHTING POLE BASE DETAIL

NO SCALE
NOTE: POSITION EDGE OF BASE AT 30" MINIMUM FROM THE EDGE OF PAVEMENT OR CURB.



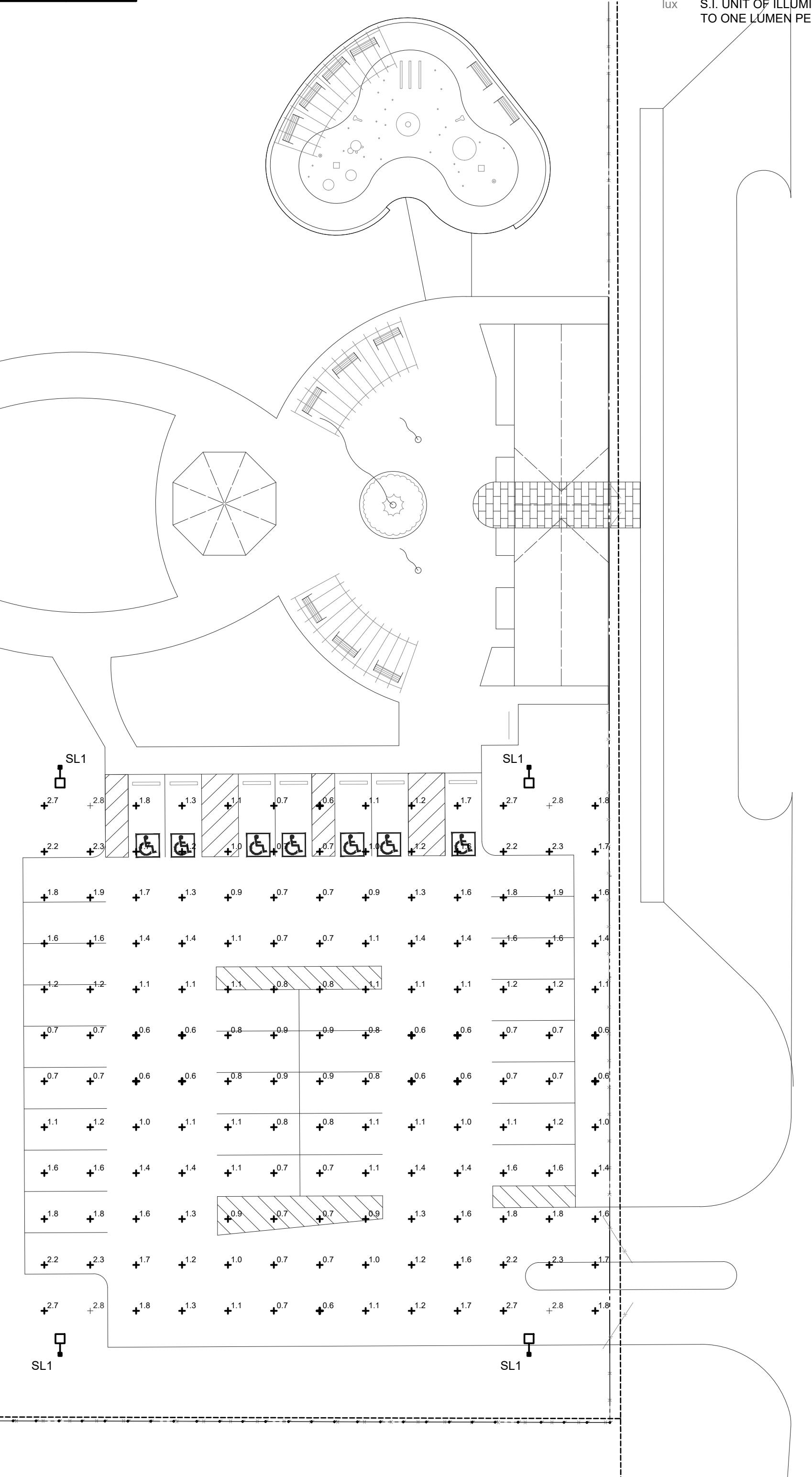
PHOTOMETRIC STATISTICS					
DESCRIPTION	Avg	Max	Min	Max / Min	Avg / Min
EAST PROPERTY LINE	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
PARKING LOT	1.3 fc	2.8 fc	0.6 fc	4.7 : 1	2.2 : 1

SITE LIGHT FIXTURE - POLE MOUNTED. REFER TO PLANS FOR MOUNTING TYPES

+0.5 SITE LIGHTING PHOTOMETRIC CALCULATION POINT WITH ILLUMINATION LEVEL OF 0.5 FOOTCANDLES, OR AS INDICATED ON PHOTOMETRIC PLAN.

fc 'FOOTCANDLE' - A UNIT OF ILLUMINANCE OR LIGHT INTENSITY. ONE LUMEN PER SQUARE FOOT, OR 10.76 lux

lux S.I. UNIT OF ILLUMINANCE. ONE LUX IS EQUAL TO ONE LUMEN PER SQUARE YARD



JEFFERSON COMMUNITY PARK IMPROVEMENTS	DATE: 07/24/2025	REVISIONS	FOR BID & PERMIT	DATE: 07/24/2025	BY: JDM
DRAWN BY: MK	APPROVED BY: TGP	REVIEWED BY: TGP	checked by: _____	checked by: _____	checked by: _____
SCALE: As indicated	CONTRACT NO: _____	checked by: _____	checked by: _____	checked by: _____	checked by: _____
33831 Curls Blvd., 216	242425	checked by: _____	checked by: _____	checked by: _____	checked by: _____
Eastgate, OH 44095	SHEET	checked by: _____	checked by: _____	checked by: _____	checked by: _____
t 440.953.8760	PH1.01	checked by: _____	checked by: _____	checked by: _____	checked by: _____
f 440.953.1289	242425	checked by: _____	checked by: _____	checked by: _____	checked by: _____
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