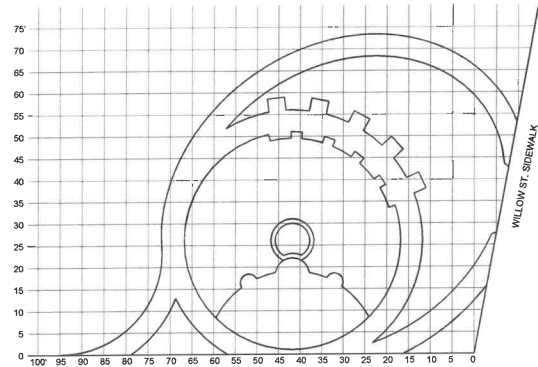


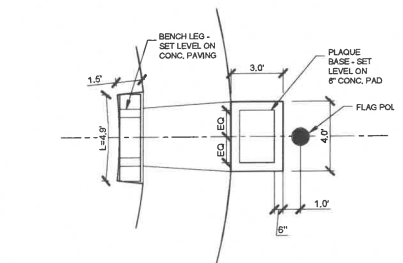
# VETERANS MEMORIAL PARK CONCEPT PLAN



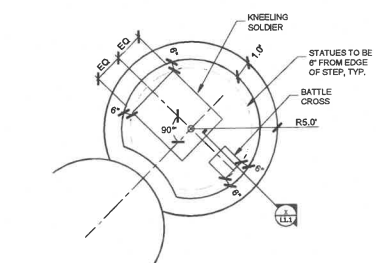




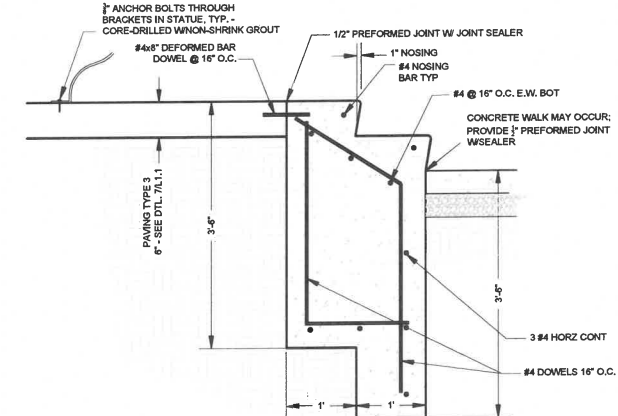
LAYOUT GRID  
1/16" = 1'-0"



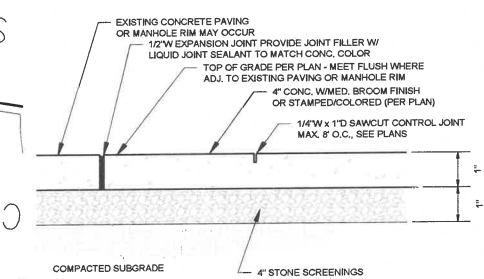
TYP. BENCH AND PLAQUE STAND  
1/4" = 1'-0"



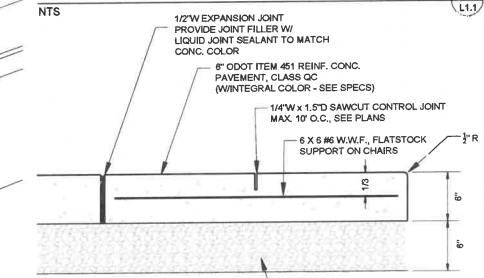
STEPS AND KNEELING SOLDIER  
1/4" = 1'-0"



STEPS AND STATUE

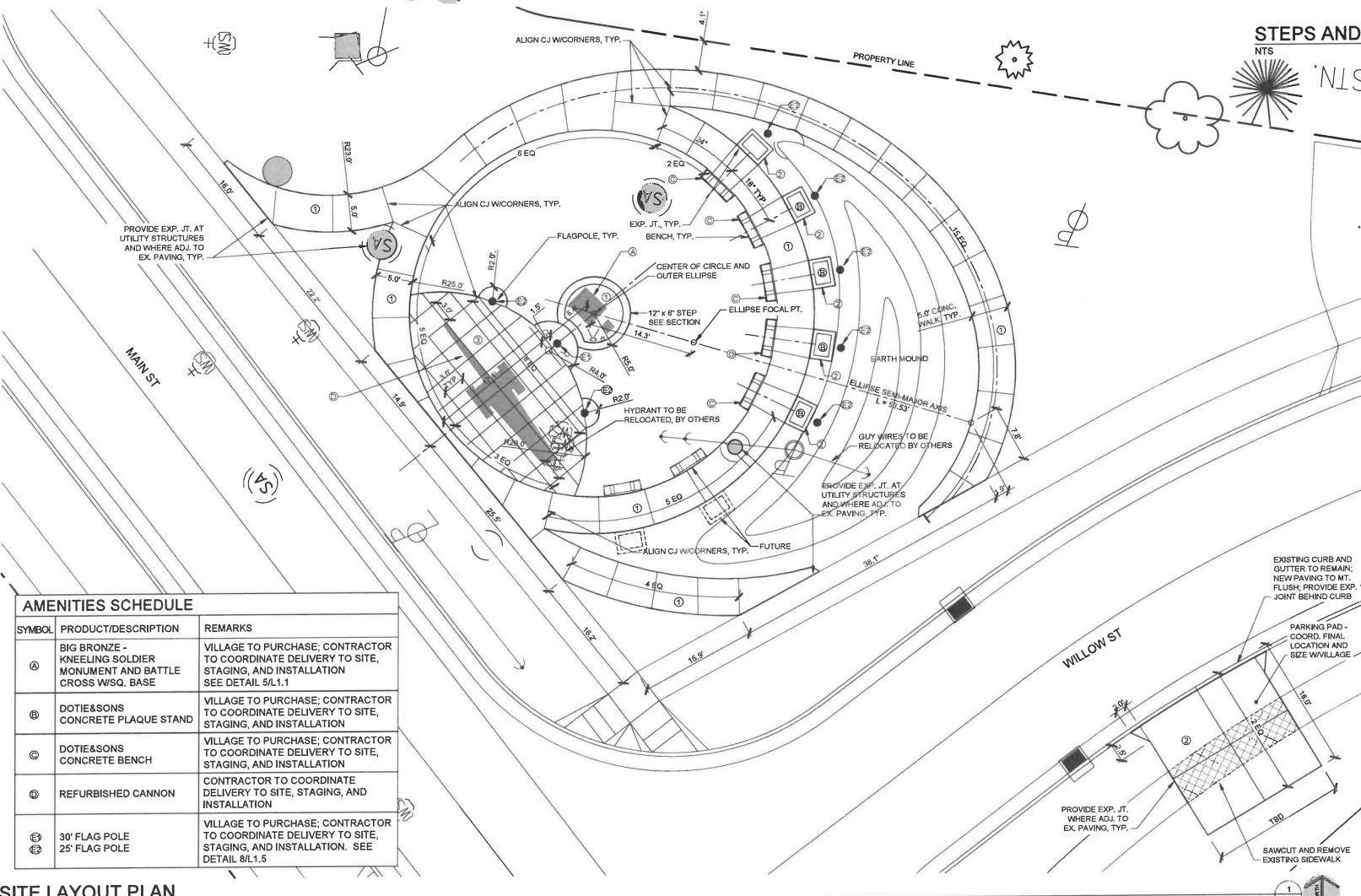


PAVING TYPES 1 AND 3  
4\"/>



PAVING TYPE 2  
6\"/>

PAVING LEGEND		
SYMBOL	DESCRIPTION	REMARKS
①	4\"/>	SAWCUT CONTROL JOINTS AS INDICATED ON PLAN MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL - SEE DTL. 6/L1.1
②	6\"/>	SAWCUT CONTROL JOINTS AS INDICATED ON PLAN MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL - SEE DTL. 7/L1.1
③	6\"/>	SAWCUT CONTROL JOINTS AS INDICATED ON PLAN; SEE DTL. 7/L1.1



AMENITIES SCHEDULE		
SYMBOL	PRODUCT/DESCRIPTION	REMARKS
Ⓐ	BIG BRONZE - KNEELING SOLDIER MONUMENT AND BATTLE CROSS W/SQ. BASE	VILLAGE TO PURCHASE; CONTRACTOR TO COORDINATE DELIVERY TO SITE, STAGING, AND INSTALLATION SEE DETAIL 5/L1.1
Ⓑ	DOTIE&SONS CONCRETE PLAQUE STAND	VILLAGE TO PURCHASE; CONTRACTOR TO COORDINATE DELIVERY TO SITE, STAGING, AND INSTALLATION
Ⓒ	DOTIE&SONS CONCRETE BENCH	VILLAGE TO PURCHASE; CONTRACTOR TO COORDINATE DELIVERY TO SITE, STAGING, AND INSTALLATION
Ⓓ	REFURBISHED CANNON	CONTRACTOR TO COORDINATE DELIVERY TO SITE, STAGING, AND INSTALLATION
Ⓔ	30' FLAG POLE 25' FLAG POLE	VILLAGE TO PURCHASE; CONTRACTOR TO COORDINATE DELIVERY TO SITE, STAGING, AND INSTALLATION. SEE DETAIL 8/L1.5

SITE LAYOUT PLAN  
1/8" = 1'-0"

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2023-09-15	For pricing

# GRAFTON VETERANS MEMORIAL

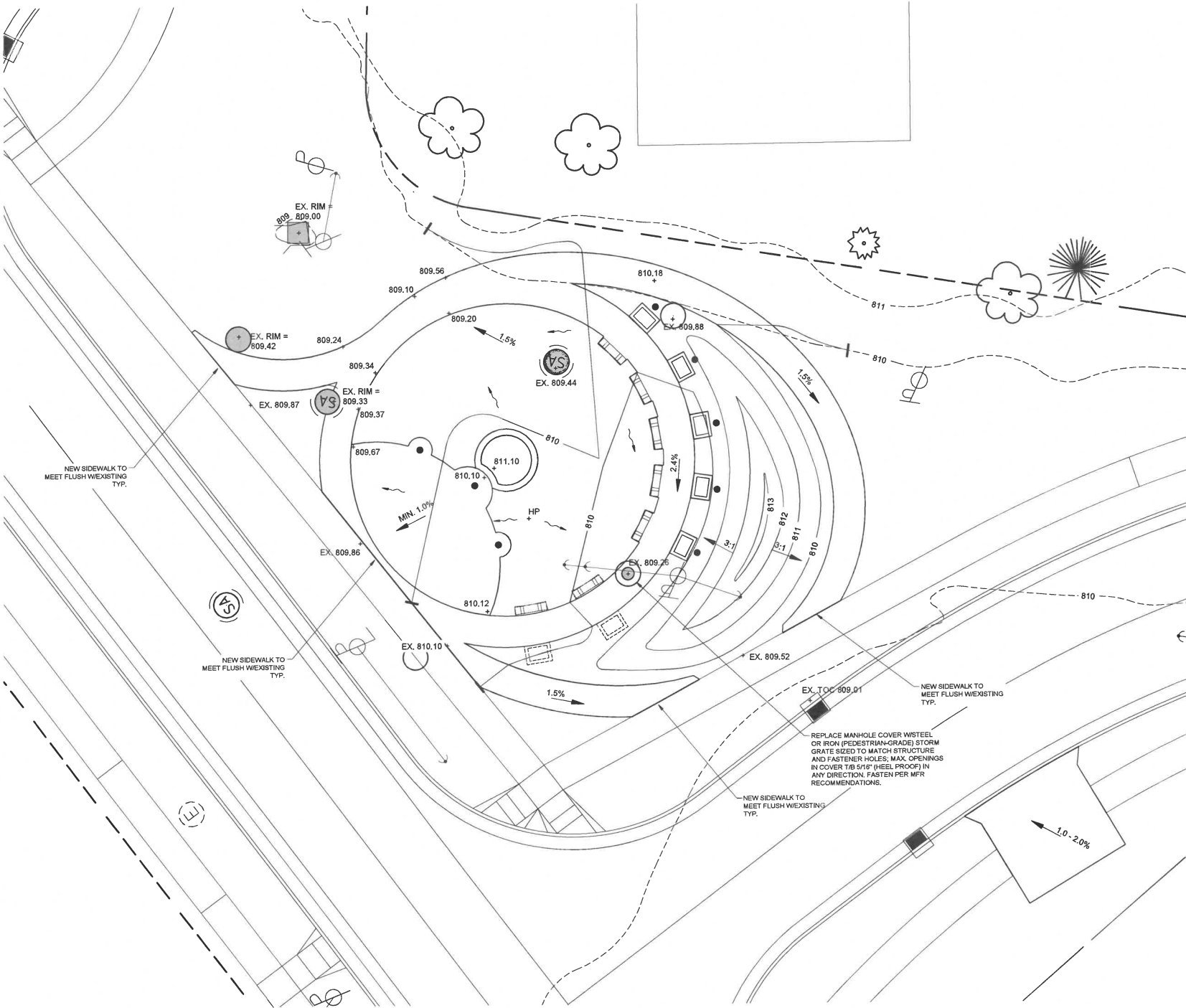
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Village of Grafton, Ohio



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BSLLC PROJECT NO.	23028
SHEET TITLE	SITE LAYOUT PLAN
SHEET NO.	L1.1
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SITE GRADING AND DRAINAGE PLAN

1/8" = 1'-0"

1  
L1.2

GRADING NOTES

1. ALL GRADES TO MEET EXISTING WITHIN PROPERTY BOUNDARIES. NEW PAVING TO MEET FLUSH WHERE ADJACENT TO EXISTING PAVEMENT.
2. SIDEWALKS SHALL HAVE A 1-2% CROSS SLOPE IN THE DIRECTION OF DRAINAGE.
3. MAXIMUM SIDEWALK SLOPES TO BE 1.20 (5%) IN THE DIRECTION OF TRAVEL.
4. PLAZA AND LARGE PAVED AREAS TO BE SLOPED 1-2% FOR POSITIVE SHEET DRAINAGE ACROSS SURFACE.
5. GRASSED AREAS ENCLOSED BY SIDEWALKS TO BE SLOPED MIN. 2.5% FOR POSITIVE DRAINAGE.
6. ALL GRADES TO BE FINISHED SMOOTH AND EVEN. SEE LANDSCAPE PLAN FOR SEED MIX TO BE APPLIED TO ALL DISTURBED AREAS.
7. LOCATIONS AND ELEVATIONS OF DRAINAGE STRUCTURES ARE EXISTING AND SHOULD BE SUBJECT TO VERIFICATION IN FIELD.
8. EXISTING OFF-SITE DRAINAGE PATTERNS SHALL BE MAINTAINED DURING CONSTRUCTION.
9. SWALE PROFILES SHOWN ARE TO TOP OF SOD. CONTRACTOR TO ADJUST SWALE GRADINGS ACCORDINGLY.
10. THE CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL ENCOUNTERED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL. ALL UNSUITABLE MATERIAL EXCAVATED SHALL BE STOCKPILED OR REMOVED AS DIRECTED BY OWNER.
11. REAR LOT LINE ELEVATIONS ARE SUBJECT TO FIELD CHANGE FOR THE PURPOSE OF MATCHING THE EXISTING NATURAL CONDITIONS AND/OR RETAINING EXISTING VEGETATION.
12. DURING CONSTRUCTION, THROAT INLET OPENINGS, WHERE APPROPRIATE, SHALL BE COVERED WITH FILTER FABRIC (MIRAFI 140N OR APPROVED EQUAL) TO PREVENT DEBRIS AND FILL FROM FALLING INTO THE INLET.
13. YARD DRAINS SHALL BE ADDED IN GREEN AREAS AS NECESSARY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR ENGINEER.
14. CONTRACTOR TO COORDINATE IRRIGATION CONDUIT LOCATIONS WITH IRRIGATION CONTRACTOR.

LEGEND:

- EX. RIM = 809.00 STRUCTURE'S EXISTING RIM ELEVATION (VERIFY IN FIELD)
- EX. 809.10 EXISTING ELEVATION
- 810 EXISING TOPOGRAPHIC CONTOUR
- 809.10 + PROPOSED ELEVATION
- 810 PROPOSED TOPOGRAPHIC CONTOUR
- 1.5% PROPOSED SLOPE
- PROPOSED DRAINAGE DIRECTION

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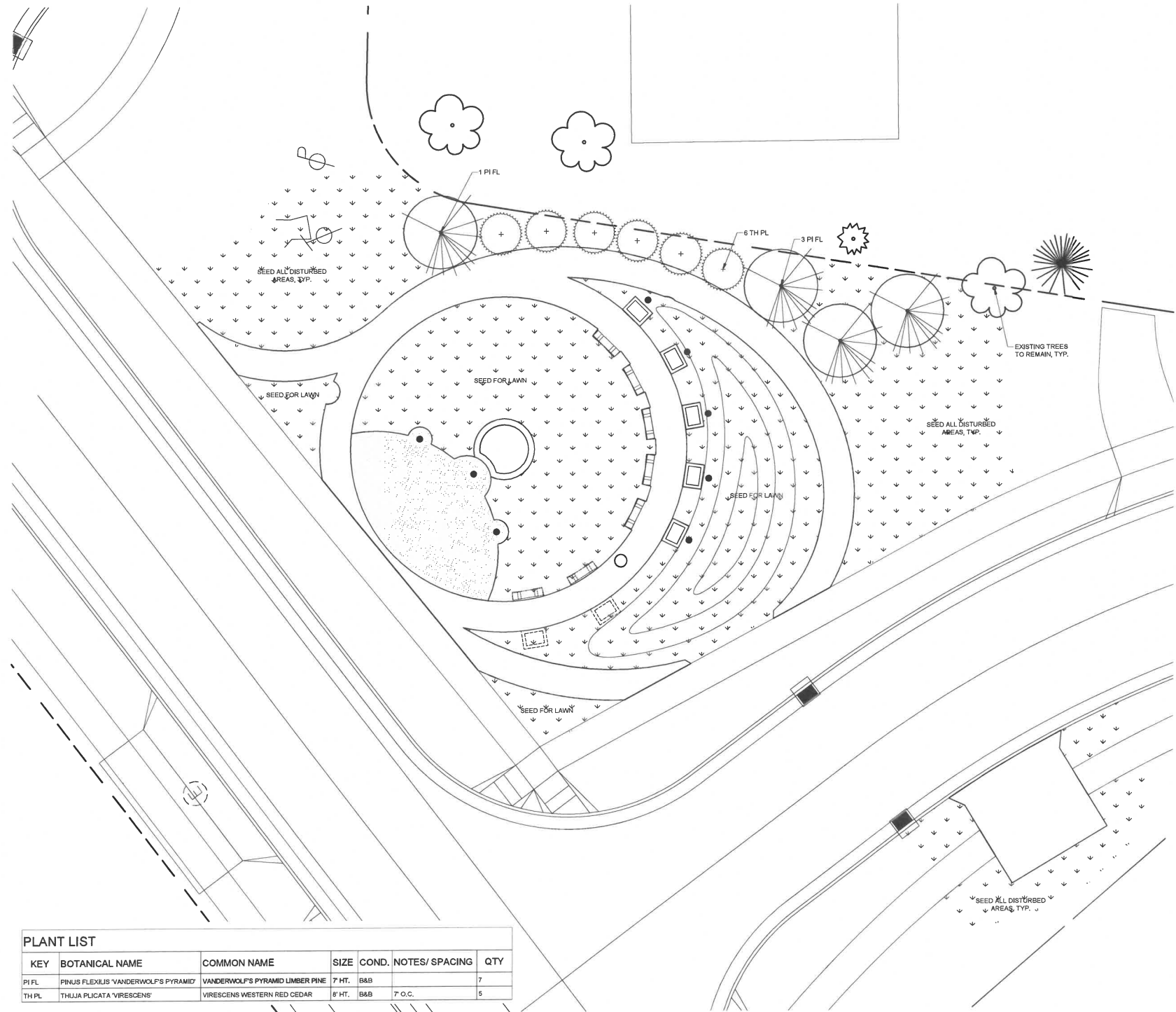
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SHEET TITLE  
SITE GRADING AND  
DRAINAGE PLAN

SHEET NO.

L1.2

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PLANT LIST						
KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND.	NOTES/ SPACING	QTY
PI FL	PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	VANDERWOLF'S PYRAMID LIMBER PINE	7' HT.	B&B		7
TH PL	THUJA PLICATA 'VIRESCENS'	VIRESCENS WESTERN RED CEDAR	8' HT.	B&B	7' O.C.	5

## LANDSCAPE NOTES

- ALL WORK TO BE IN ACCORDANCE WITH THE ACCEPTED PRACTICES OF THE AMERICAN ASSOCIATION OF LANDSCAPE CONTRACTORS.
- PRIOR TO INSTALLATION, INSPECT THE GENERAL SITE CONDITIONS AND VERIFY THE SUBGRADE, ELEVATIONS, UTILITY LOCATIONS, AND TOPSOIL. NOTIFY THE GENERAL CONTRACTOR OF ANY UNSATISFACTORY CONDITIONS; WORK SHALL NOT PROCEED UNTIL SUCH CONDITIONS HAVE BEEN CORRECTED.
- CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO ONSET OF WORK AND COORDINATE ACCORDINGLY WITH APPROPRIATE UTILITIES' DEPARTMENTS. DO NOT INSTALL TREES WITHIN 4' OF BURIED UTILITY LINES. RELOCATE PLANT MATERIAL SLIGHTLY IF NECESSARY. IN THE CASE OF A CONFLICT, NOTIFY LANDSCAPE ARCHITECT.
- DO NOT MAKE SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT AVAILABLE, CONTACT THE LANDSCAPE ARCHITECT FOR ACCEPTABLE ALTERNATIVE.
- ALL PLANT MATERIAL MUST BE FROM NURSERY SOURCE WITH A HARDINESS ZONE SIMILAR TO THAT OF THE PROJECT SITE. PLANTS SHALL BE TRUE TO GENUS AND SPECIES AS INDICATED ON THE PLANS, COMPLYING WITH ANSI Z60.1 FOR THE TYPES AND FORM OF PLANS REQUIRED.
- ALL PLANTING BEDS TO RECEIVE 6" DEPTH PLANTING MIX AFTER FINAL GRADE IS ESTABLISHED. ALL SEEDED AREAS TO RECEIVE CLEAN FINE GRADED TOPSOIL, FREE OF ALL ROCKS AND DELETERIOUS DEBRIS. SHRUB AND PERENNIAL PLANTING PITS SHALL RECEIVE PLANTING MIX PER DETAILS, THIS SHEET.
- PROVIDE SHREDDED HARDWOOD MULCH 3" DEEP AT ALL PLANTING BEDS, TAKING CARE TO KEEP MULCH AWAY FROM CROWNS AND ROOT FLARES OF ALL PLANTS. CONTRACTOR SHALL SUBMIT MULCH SAMPLES TO OWNER FOR APPROVAL PRIOR TO ORDERING.
- CONTRACTOR TO APPLY STARTER FERTILIZER PER SPECIFICATIONS OR APPROVED SIMILAR FOR ALL LAWN AND PLANTING BEDS.
- FINAL GRADES SHALL BE SMOOTH AND EVEN. PLACEMENT OF PLANTING MATERIALS SHALL NOT AFFECT THE INTENDED DRAINAGE PATTERN OF THE FINAL GRADING PLAN. THIS MAY INCLUDE NOT PLACING PLANT MATERIALS IN SWALES OR CREATING MOUNDS THAT BLOCK THE INTENDED SURFACE DRAINAGE PATTERN. GRADES SHALL SLOPE A MINIMUM OF 2% AWAY FROM STRUCTURES UNLESS OTHERWISE NOTED.
- PROVIDE 4" DEEP SPADE-CUT "V" TRENCH ALONG BED EDGES UNLESS ADJACENT TO PAVEMENT.
- ALL MATERIALS TESTING SHALL BE THE SOLE RESPONSIBILITY OF CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS TO PROPERLY WATER PLANT MATERIALS IMMEDIATELY UPON PLANTING.
- PLANT LIST IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING PLANT QUANTITIES AND PROVIDING PLANT MATERIAL AS SHOWN ON PLANS.
- CONTRACTOR TO SEED ALL DISTURBED AREAS INCLUDING ADJACENT EXISTING LAWN AREAS THAT ARE IN DISREPAIR. DO NOT BEGIN UNTIL AREA HAS RECEIVED TOPSOIL AND IS AT FINISHED GRADE. SEEDING WORK SHALL RESULT IN A HEALTHY LAWN FREE OF WEEDS. GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED, OR APPROVED EQUAL, NOT LESS THAN 85 PERCENT GERMINATION, NOT LESS THAN 95 PERCENT PURE SEED, AND NOT MORE THAN 0.5 PERCENT WEED SEED. SEED SHALL BE PREMIUM QUALITY MIX WITH QUICK GERMINATION RATE OF:  
50% BLENDED BLUEGRASS  
25% CREEPING RED FESCUE  
25% PERENNIAL RYE  
OR APPROVED EQUAL. APPLY AT A RATE OF 5 LBS./1000 SF.

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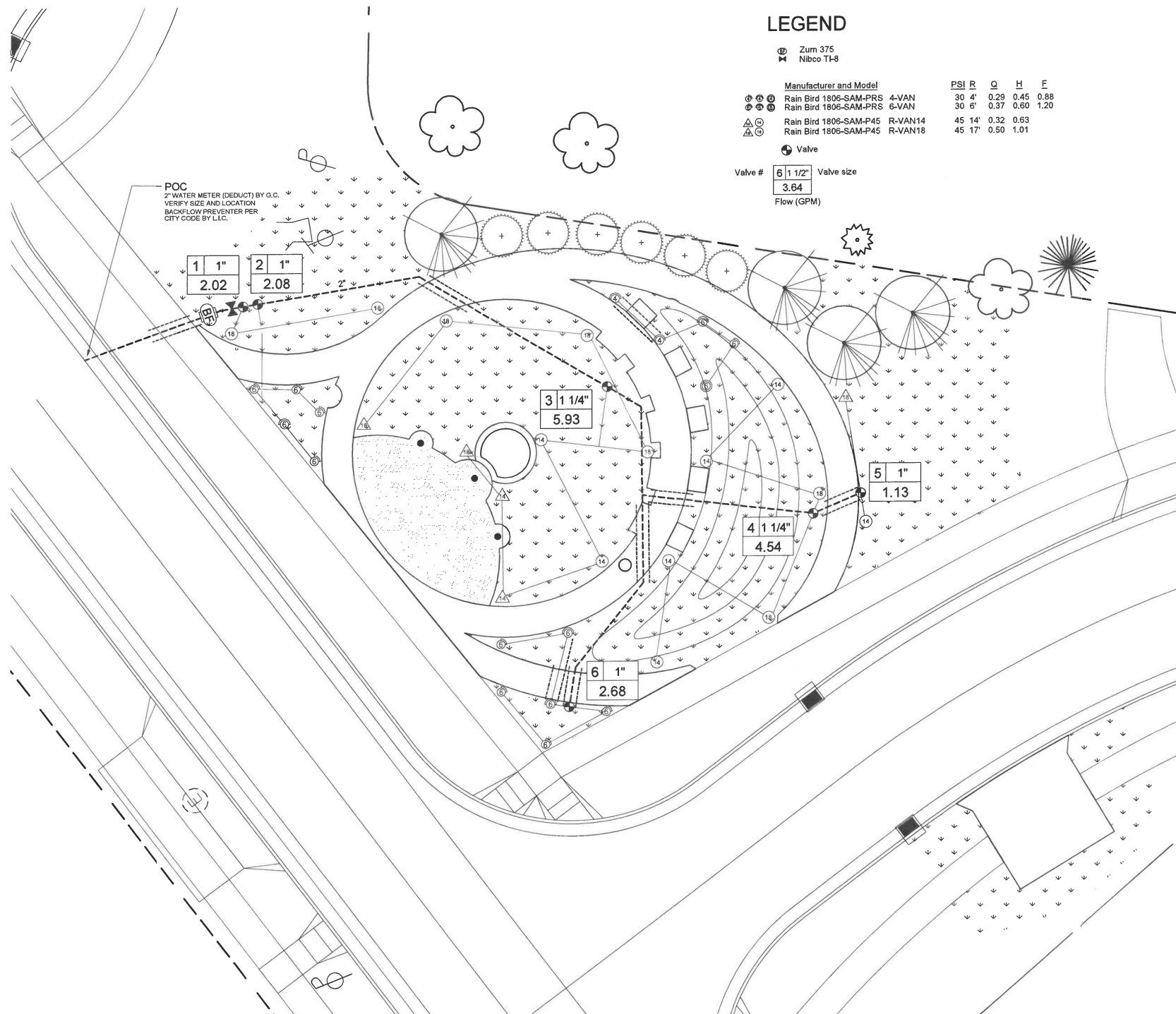
SHEET TITLE

LANDSCAPE PLAN

SHEET NO.

# L1.3

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LEGEND

	Zum 375
	Nibco TI-8
Manufacturer and Model	
	Rain Bird 1806-SAM-PRS 4-VAN
	Rain Bird 1806-SAM-PRS 6-VAN
	Rain Bird 1806-SAM-P45 R-VAN14
	Rain Bird 1806-SAM-P45 R-VAN18
	Valve
Valve #	6 1 1/2"
	3.64
	Flow (GPM)

IRRIGATION NOTES

1. THE IRRIGATION SYSTEM DESIGN IS BASED ON 45 STATIC PRESSURE (PSI) AND MAXIMUM FLOW OF 200 GALLONS PER MINUTE (GPM) PEAK INSTANTANEOUS FLOW. THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DIFFERENCES BETWEEN THE PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION.
2. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION IS BASED ON NO MORE THAN FIVE FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BECOME FAMILIARIZED WITH THE SITE, ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, AND INSTALLED UTILITIES. COORDINATE WORK WITH THE OWNER OR GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES UNDERNEATH PAVEMENT AND THROUGH WALLS. PRIOR TO INSTALLATION, REPORT ANY OBSTRUCTIONS, GRADE DIFFERENCES, DIFFERENCES IN THE DIMENSIONS OF THE CONSTRUCTED AREAS, OR CHANGES TO THE SITE PLAN THAT HAVE OCCURRED THAT ARE IN CONFLICT WITH THE IRRIGATION DESIGN/LAYOUT. IRRIGATION CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY CHANGES MADE TO THE IRRIGATION DESIGN WITHOUT NOTIFYING THE LANDSCAPE ARCHITECT.
3. THE SCALE OF THE DRAWING DOES NOT PERMIT REPRESENTATION OF ALL FITTINGS, JOINTS, ETC. THAT MAY BE REQUIRED. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL WORK AND PLAN THE WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS REQUIRED TO MEET SUCH CONDITIONS. ALL WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL FEATURES.
4. THE PIPE ROUTING SHOWN IS DIAGRAMMATIC ONLY. ALL PIPING, VALVES, HEADS, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. PRESSURE LOSS CALCULATIONS ARE BASED ON THE PIPE ROUTING AS SHOWN. SIGNIFICANT DEVIATIONS FROM THE ROUTING SHOWN SHOULD BE AVOIDED. ALL SPRINKLER EQUIPMENT NUMBERS REFERENCE THE RAINBIRD EQUIPMENT CATALOG UNLESS OTHERWISE INDICATED. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ACCORDING TO LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES.
5. BACKFLOW PREVENTION TO BE PER LOCAL CODE.
6. IRRIGATION CONTRACTOR WILL ARRANGE INSPECTIONS REQUIRED BY LOCAL AGENCIES AND CROWNANCES DURING THE COURSE OF CONSTRUCTION AS REQUIRED. ALL WIRING TO BE PER LOCAL CODE.
7. THE IRRIGATION CONTRACTOR SHALL COORDINATE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE LANDSCAPE CONTRACTOR SO THAT THE SOFTSCAPE AREAS TO RECEIVE IRRIGATION WILL BE WATERED IN ACCORDANCE WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.
8. SLEEVING TO BE INSTALLED BY GENERAL CONTRACTOR, AS INDICATED ON PLAN. COORDINATE LOCATIONS WITH G.C.
9. USE TEFLON TAPE ON ALL MALE PIPE THREADS ON PVC PIPE, SWING JOINTS, AND VALVE ASSEMBLIES.
10. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED.
11. FLUSH ALL LINES AND HEADS PRIOR TO INSTALLING NOZZLES. ADJUST NOZZLE SPRAY ARC AND RADIUS FOR OPTIMUM PERFORMANCE TO PREVENT OVERSPRAY ONTO PAVED SURFACES OR FACE OF BUILDING AS MUCH AS POSSIBLE TO FIT THE SITE CONDITIONS. THROTTLE FLOW CONTROL AT EACH VALVE FOR OPTIMUM OPERATING PRESSURE FOR EACH ZONE.
12. WHEN VERTICAL OBSTRUCTIONS (POLES, SIGNS, TREES, HYDRANTS, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD, OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
13. INSTALL VALVE BOXES 18 INCHES FROM AND PERPENDICULAR TO WALKS, CURBS, BUILDINGS, OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE INSTALLED A MINIMUM OF 12 INCHES APART.
14. ELECTRIC CONTROL VALVES SHALL BE INSTALLED PER DETAIL SHOWN. SIZE OF VALVES AS SHOWN ON PLAN. VALVES SHALL BE INSTALLED IN VALVE BOXES LARGE ENOUGH TO PERMIT MANUAL OPERATION, REMOVAL OF SOLENOID AND/OR VALVE COVER WITHOUT ANY EARTH EXCAVATION.
15. ALL 24-VOLT VALVE WIRING TO BE UF 14 GAUGE SINGLE CONDUCTOR. ALL WIRE SPLICES ARE TO BE PERMANENT AND WATERPROOF.
16. ELECTRICAL POWER AT THE CONTROLLER SHALL BE PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOKUP FROM THE POWER PROVIDED TO THE CONTROLLER.
17. IRRIGATION CONTRACTOR SHALL PROVIDE FIRST BLOW-OUT AND PROVIDE TURN-ON IN SPRING. ALL NECESSARY HEAD ADJUSTMENTS SHALL BE MADE AT THAT TIME, AS WELL AS REPAIR AND REPLACEMENT ITEMS AS NECESSARY IN SPRING.
18. PROVIDE AS-BUILT DRAWINGS WITHIN 21 DAYS UPON COMPLETION OF THE IRRIGATION INSTALLATION.

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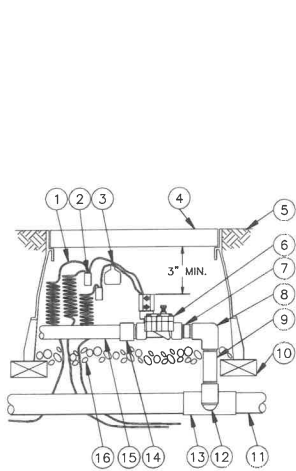
SHEET TITLE

IRRIGATION PLAN

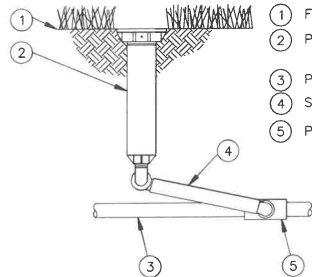
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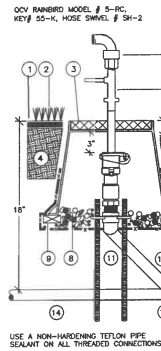
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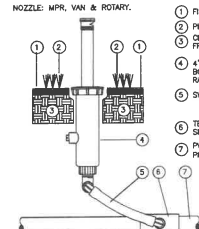
- 1 30-INCH LINEAR LENGTH OF WIRE, COILED
- 2 WATERPROOF CONNECTION: RAIN BIRD SPLICE-1 (1 OF 2)
- 3 ID TAG: RAIN BIRD VID SERIES
- 4 VALVE BOX WITH COVER: RAIN BIRD VB-STD
- 5 FINISH GRADE/TOP OF MULCH
- 6 REMOTE CONTROL VALVE: RAIN BIRD 100-DV
- 7 PVC SCH 80 NIPPLE (CLOSE)
- 8 PVC SCH 40 ELL
- 9 PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- 10 BRICK (1 OF 4)
- 11 PVC MAINLINE PIPE
- 12 SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
- 13 PVC SCH 40 TEE OR ELL
- 14 PVC SCH 40 MALE ADAPTER
- 15 PVC LATERAL PIPE
- 16 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL



- 1 FINISH GRADE/TOP OF MULCH
- 2 POP-UP SPRAY SPRINKLER: RAIN BIRD 1804 WITH 1800 VPC WITH RAIN BIRD ROTARY NOZZLE
- 3 PVC LATERAL PIPE
- 4 SWING ASSEMBLY: RAIN BIRD MODEL SA 6050
- 5 PVC SCH 40 TEE OR ELL



- 1 FINISH GRADE OR TOP OF MULCH
- 2 PLANT MATERIAL (TURT, SHRUB OR GROUND COVER)
- 3 VALVE BOX, 10" (IND. RAINBIRD # VB-10IND-H, WITH LOCKING COVER MARKED "SOV")
- 4 CLEAN SOIL, AMENDED/NATIVE, FREE OF ROCK AND DEBRIS
- 5 QUICK COUPLER KEY, #55-K
- 6 Q.C. HOSE SWIVEL, # 5H-2
- 7 QUICK COUPLER VALVE, Q-RC
- 8 3/4" CRUSHED ROCK
- 9 1/2" WIRE CLOTH CORNER SCREEN, WRAP UP ALL SIDES
- 10 MAINLINE, CLOSED PVC PRESSURE PIPE, SIZE PER PLAN
- 11 SWING JOINT, 1" SIZE PER QUICK COUPLER VALVE INLET, DURA MODEL# 1-A101-11-18
- 12 TEE OR ELBOW, PVC SCH 40, SIZE PER PLAN
- 13 REBAR, 1/2"x30"



- 1 FINISH GRADE
  - 2 PLANT MATERIAL (TURT)
  - 3 CLEAN SOIL, AMENDED/NATIVE, FREE OF ROCK AND DEBRIS
  - 4 4" POP-UP SPRAY SPRINKLER BODY, INSTALL IN TURF AREAS, RAINBIRD 1804
  - 5 SWING PIPE
  - 6 TEE/EL, PVC SCH40 LINE SIZE, SIZE PER SPRINKLER INLET
  - 7 PVC LATERAL (NON-PRESSURE PIPE), SIZE PER PLAN
- INSTALL POP-UP SPRAY SPRINKLER 4" FROM PAVED EDGE, BUILDINGS AND FENCE AREAS, AND INSTALL FLUSH TO GRADE, ADJUST COVERAGE TO AVOID OVERSPRAY ONTO PAVED SURFACES, FENCES, BUILDINGS AND PARKING LOTS.
- USE ONLY TEFLON TAPE OR SEALANT ON ALL THREADED CONNECTIONS.

ELECTRIC REMOTE CONTROL VALVE  
NTS

1  
L1.5

POP-UP SPRAY SPRINKLER  
NTS

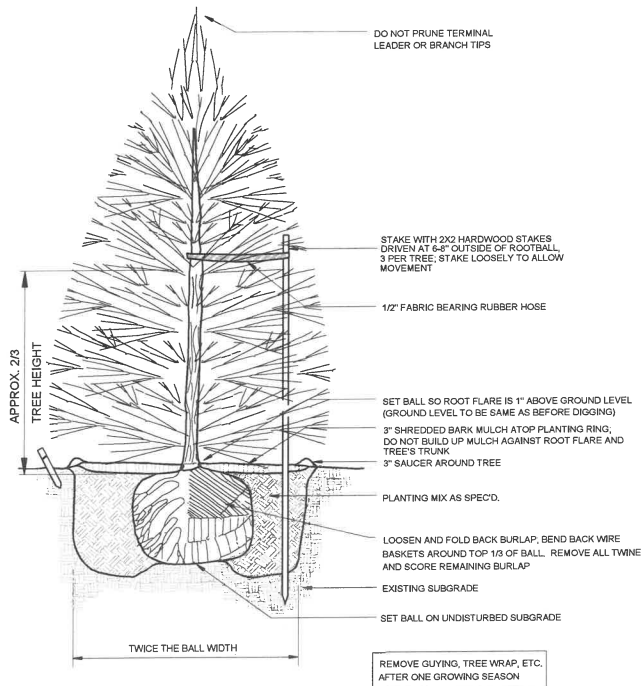
2  
L1.5

QUICK COUPLER VALVE  
NTS

3  
L1.5

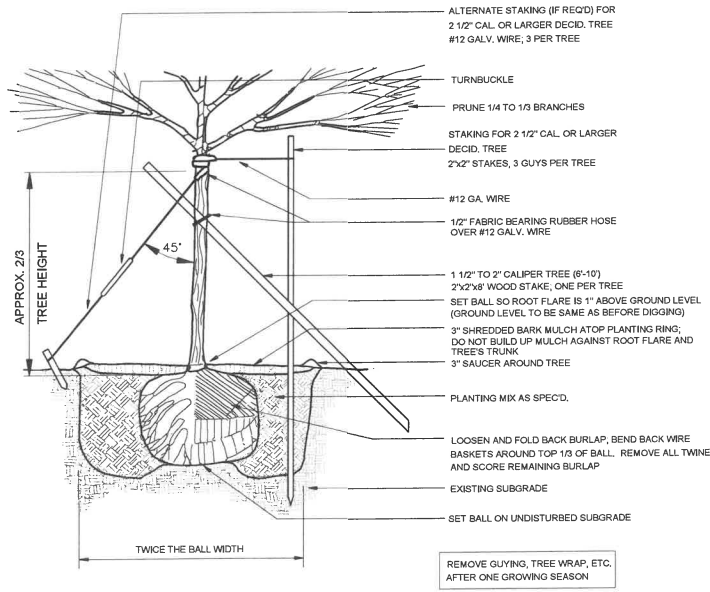
RAINBIRD 1804 POP-UP  
NTS

4  
L1.5



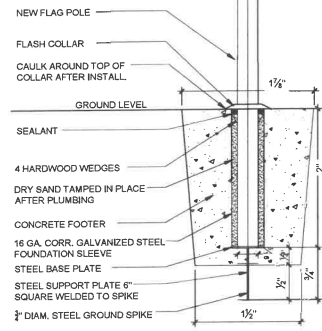
EVERGREEN TREE PLANTING DETAIL  
NTS

6  
L1.5



DECIDUOUS TREE PLANTING DETAIL  
NTS

7  
L1.5



FLAGPOLE DETAIL  
NTS

8  
L1.5

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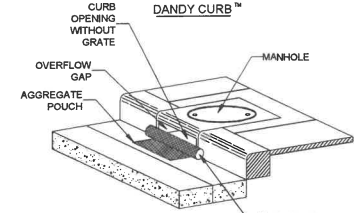
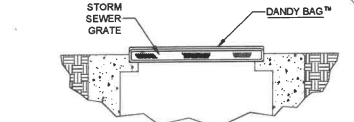
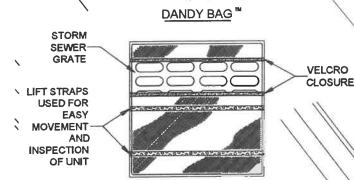
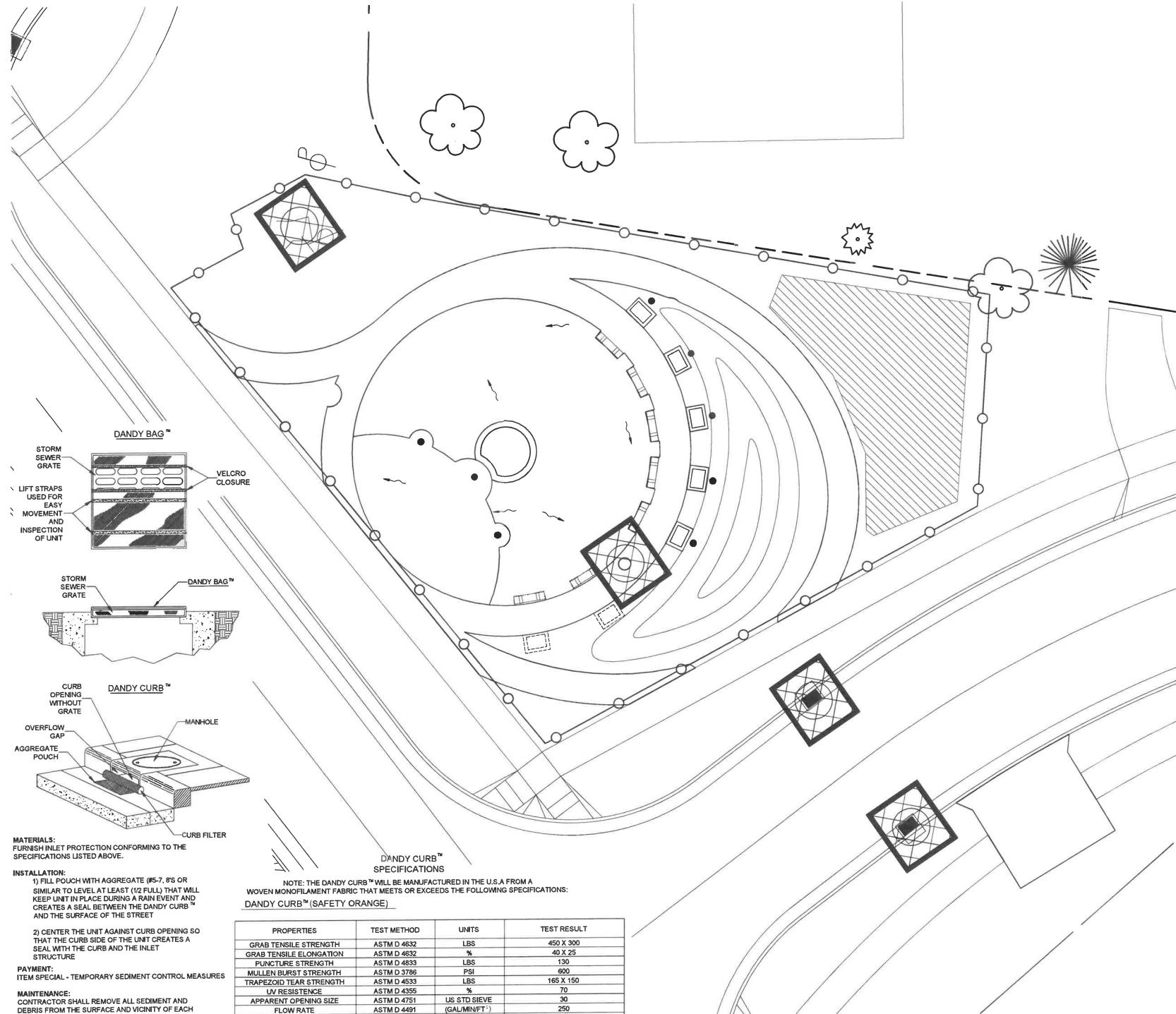
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SHEET TITLE  
DETAILS

SHEET NO.

L1.5

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**MATERIALS:**  
FURNISH INLET PROTECTION CONFORMING TO THE SPECIFICATIONS LISTED ABOVE.

**INSTALLATION:**  
1) FILL POUCH WITH AGGREGATE (#5-7, 8'S OR SIMILAR TO LEVEL AT LEAST (1/2 FULL) THAT WILL KEEP UNIT IN PLACE DURING A RAIN EVENT AND CREATES A SEAL BETWEEN THE DANDY CURB™ AND THE SURFACE OF THE STREET  
2) CENTER THE UNIT AGAINST CURB OPENING SO THAT THE CURB SIDE OF THE UNIT CREATES A SEAL WITH THE CURB AND THE INLET STRUCTURE

**PAYMENT:**  
ITEM SPECIAL - TEMPORARY SEDIMENT CONTROL MEASURES

**MAINTENANCE:**  
CONTRACTOR SHALL REMOVE ALL SEDIMENT AND DEBRIS FROM THE SURFACE AND VICINITY OF EACH UNIT AFTER EACH RAIN EVENT OR AS DIRECTED.

**DANDY CURB™ SPECIFICATIONS**  
NOTE: THE DANDY CURB™ WILL BE MANUFACTURED IN THE U.S.A FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:  
**DANDY CURB™ (SAFETY ORANGE)**

PROPERTIES	TEST METHOD	UNITS	TEST RESULT
GRAB TENSILE STRENGTH	ASTM D 4632	LBS	450 X 300
GRAB TENSILE ELONGATION	ASTM D 4632	%	40 X 25
PUNCTURE STRENGTH	ASTM D 4833	LBS	130
MULLEN BURST STRENGTH	ASTM D 3786	PSI	900
TRAPEZOID TEAR STRENGTH	ASTM D 4533	LBS	165 X 150
UV RESISTENCE	ASTM D 4355	%	70
APPARENT OPENING SIZE	ASTM D 4751	US STD SIEVE	30
FLOW RATE	ASTM D 4491	(GAL/MIN/FT²)	250
PERMITTIVITY	ASTM D 4491	SEC ⁻¹	3.5

**SOILS:**

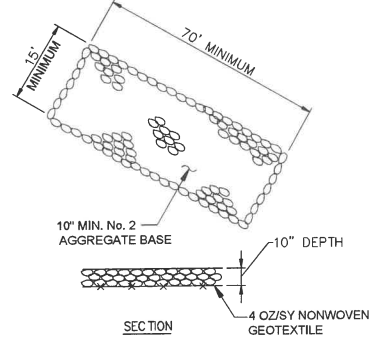
MgA - MAHONING SILT LOAM, 0 TO 2 PERCENT SLOPES

**LEGEND**



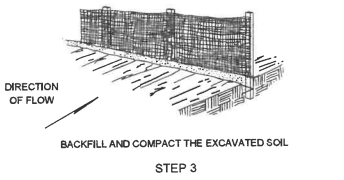
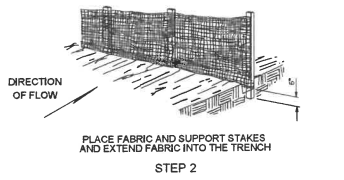
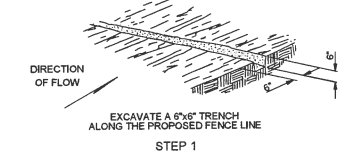
**CONSTRUCTION STAGING AREA**

**DANDY BAG INLET PROTECTION**



**CRUSHED STONE CONSTRUCTION ENTRANCE**

**PERIMETER FILTER FABRIC FENCE**



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**GRAFTON VETERANS MEMORIAL**  
Main Street at Elm  
Village of Grafton, Ohio

**BOULEVARD STUDIOS LLC**  
LANDSCAPE ARCHITECTURE • LAND PLANNING  
552 VALLEY BROOK LANE  
Macedonia, OH 44056  
TEL. 440-821-7704  
www.boulevard-studios.com

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**23028**  
SHEET TITLE  
**SWPPP PLAN**

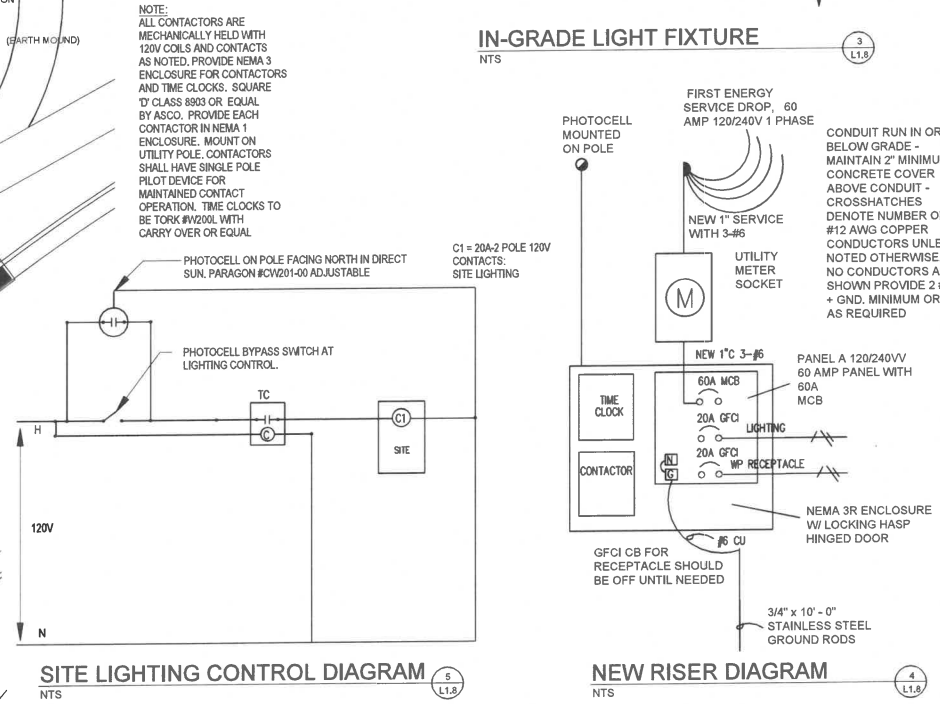
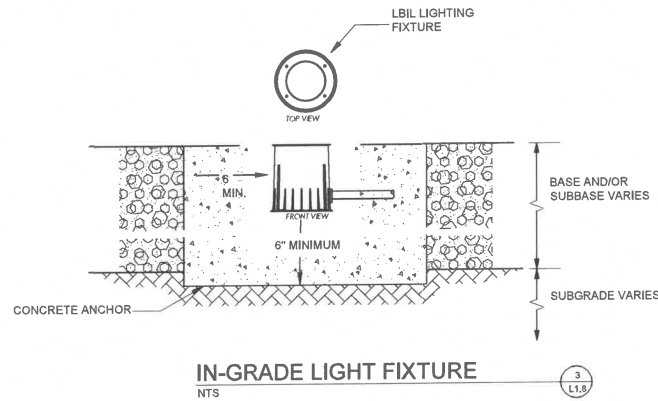
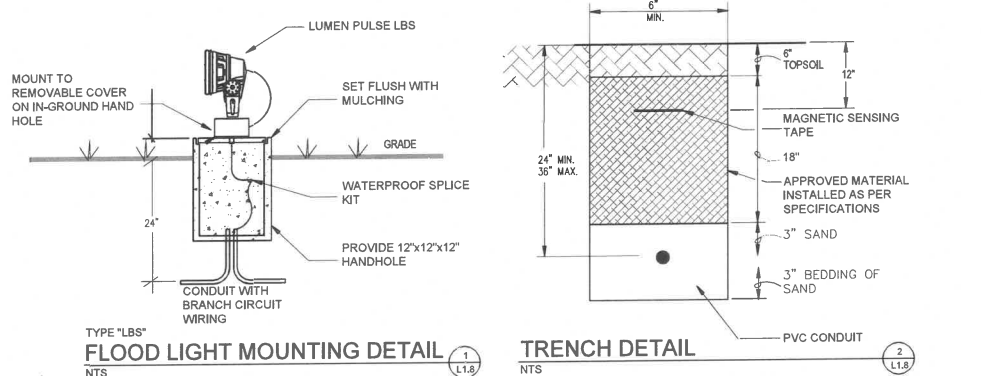
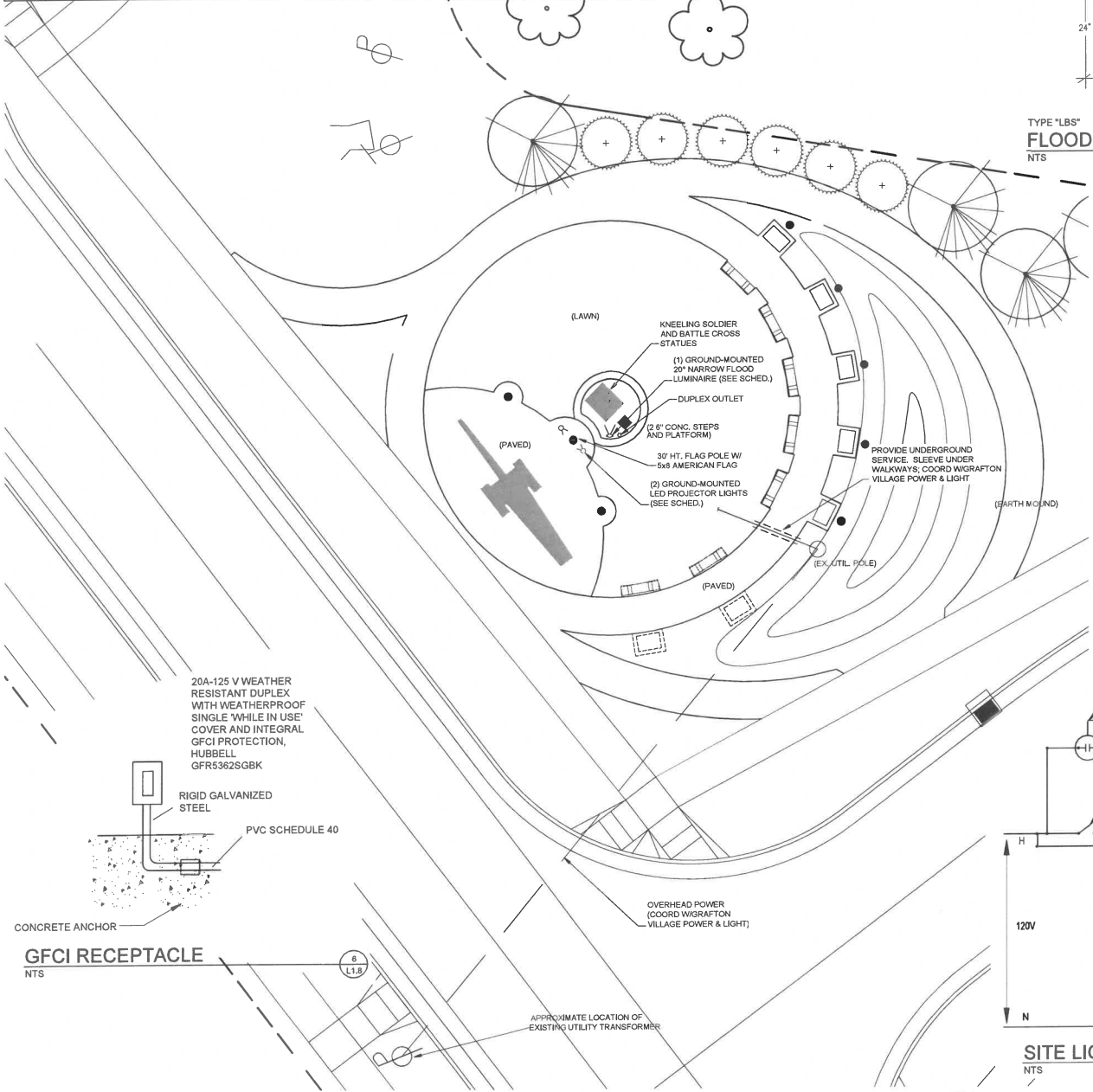
SHEET NO.  
**L1.6**  
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LUMINAIRE SCHEDULE							
SYMB.	DESCRIPTION	QTY	ARRANGEMENT	LLF	MANUFACTURER	LUM. WATTS	LUM. LUMENS
∇	LBS-VOLTAGE-40K-FL-CONTROL-MOUNTING-FINISH	1	SINGLE	0.950	LUMENPULSE GRP. 1.877.937.3003	12.6	1159
⋈	LBIL-VOLTAGE-40K-NS-CL-CONTROL-MOUNTING-FINISH	2	SINGLE	0.950	LUMENPULSE GRP. 1.877.937.3003	42	3500



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**23028**

SHEET TITLE  
**SITE ELECTRICAL PLAN**

SHEET NO.

**L1.8**

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