SUNY CORTLAND

SOUTH CAMPUS PARKING LOT

DECEMBER 19, 2025
PROJECT No. 20240058
BID SET

DRAWINGS

L0	SITE SURVEY
L1	SITE PLAN NOTES
L2	SITE PREPARATION PLAN
L3	STORM WATER POLLUTION PREVENTION PLAN
L4	SWPPP NOTES AND DETAILS
L5	GRADING, DRAINAGE AND UTILITY PLAN
L6	LAYOUT PLAN
L7	SITE DETAILS
L8	SITE DETAILS
L9	LACROSSE WALL RELOCATION PLAN

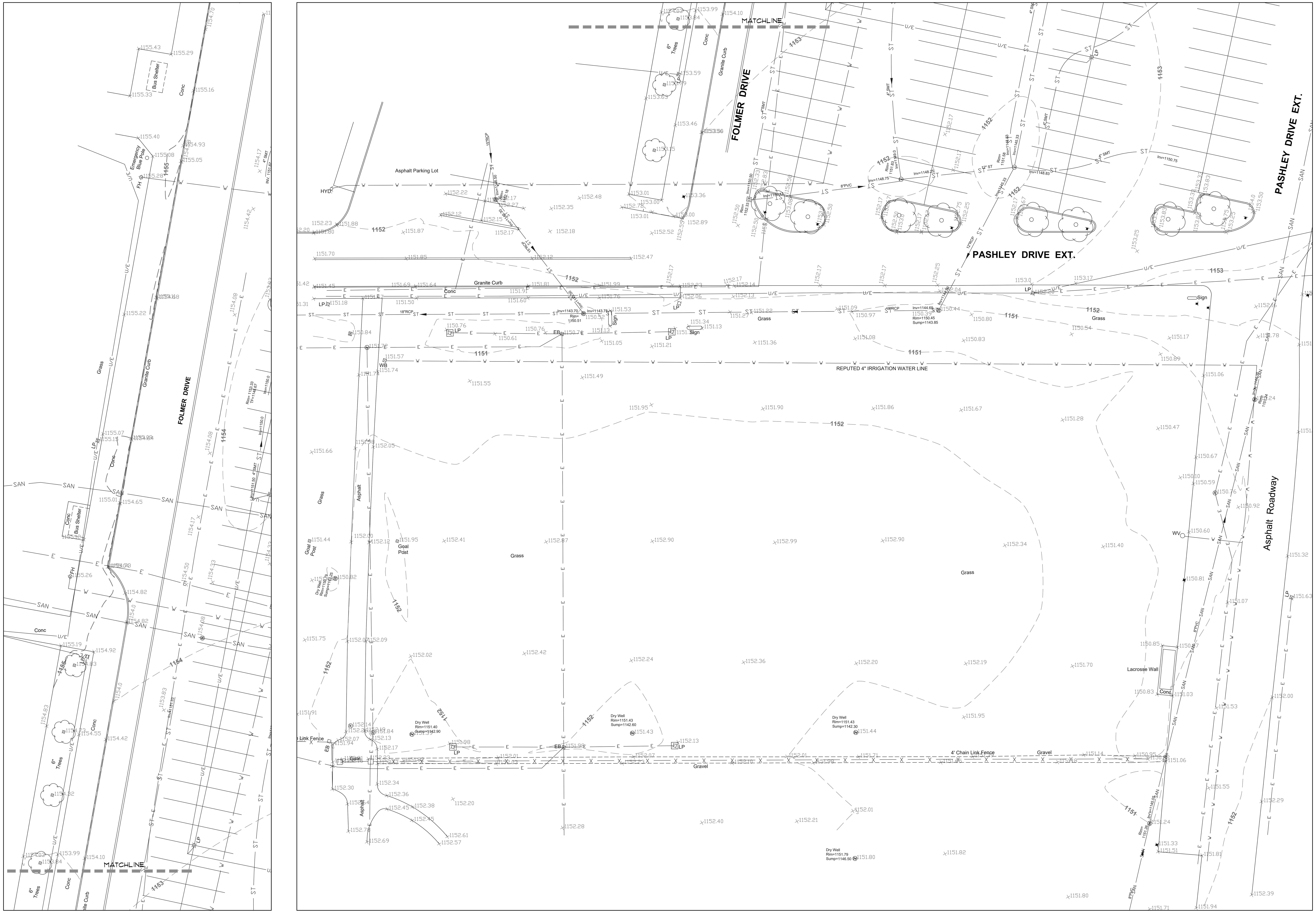
SHOWN FOR COORDINATION ONLY N.I.C.

ES100	SITE PLAN - LIGHTING
E500	DETAILS
E900	SCHEDULE AND SYMBOLS

OWNER:
SUNY CORTLAND
22 GRAHAM AVE
CORTLAND, NY 13045

APPEL OSBORNE
LANDSCAPE ARCHITECTURE
102 WEST DIVISION STREET, SUITE 100
SYRACUSE, NEW YORK 13204 - 1434
(315)-476-1022

RAM-TECH ENGINEERS
6100 FAIRWAY DRIVE
SYRACUSE, NEW YORK 13211
(315)-463-7716



SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - SITE SURVEY

0 15 30 60 90
SCALE IN FEET

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025

Drawing Title: SITE SURVEY

Sheet Number: L0

SURVEY NOTES - SOUTH CAMPUS PARKING LOT

BOUNDARY AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE FOLLOWING:

TITLE "BOUNDARY AND TOPOGRAPHIC SURVEY OF A PORTION OF PROFESSIONAL STUDIES PARKING LOT, SUNY CORTLAND, TOWN OF CORTLAND, CORTLAND COUNTY, STATE OF NEW YORK. PREPARED BY JACOBS LAND SURVEYING, 5553 WEST ROAD MUNNSVILLE, NY 13409. TEL/FAX (315-495-7114). DATED OCTOBER 2, 2023.

MAP NOTES:

1) UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLACED ON THIS DRAWING FROM FIELD LOCATIONS, WHERE VISIBLE, AND RECORD DRAWINGS PROVIDED TO THE UNDERSIGNED. THEREFORE, LOCATIONS SHOULD BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES OR UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN

2) ELEVATIONS SHOWN ARE TIED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ELEVATIONS ARE BASED ON FIELD MEASUREMENTS. CONTOURS ARE MERELY INTERPOLATION AND SHOULD BE CONSIDERED AS SUCH ONLY.

3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR UP TO DATE TITLE REPORT AND IS THEREFORE SUBJECT TO ANY EASEMENTS, RESTRICTIONS, COVENANTS OR ANY STATEMENT OF FACTS THAT SUCH DOCUMENTS MAY DISCLOSE.

UTILITY INFORMATION:

SERVICE	OPERATING AUTHORITY
ELECTRIC	NATIONAL GRID/CENTRAL
WATER	VILLAGE OF CORTLAND
TELEPHONE	VERIZON
SANITARY	VILLAGE OF CORTLAND

SURVEY VERIFICATION/COORDINATION - SUNY CORTLAND SOUTH CAMPUS PARKING LOT

CONTRACTOR IS RESPONSIBLE FOR VERIFICATION / COORDINATION OF ALL INFORMATION (BENCHMARKS, ELEVATIONS, UTILITIES, ELEMENTS, TREES, ETC.) SHOWN ON THIS SURVEY AND CALIBRATING THIS INFORMATION WITH ACTUAL "IN THE FIELD" DATA. THIS SURVEY IS PROVIDED FOR THE BENEFIT OF THE CONTRACTOR AND GENERAL DESIGN INTENT IS SHOWN. NO ADDITIONAL COSTS WILL BE ALLOWED SHOULD INFORMATION SHOWN ON THE SURVEY AND FIELD DATA VARY.

SITE PREPARATION and CONSTRUCTION NOTES - SUNY CORTLAND SOUTH CAMPUS PARKING LOT

1. EXISTING LAWN AREA REMAINS. PROTECT.
2. STRIP EXISTING TOPSOIL AND STOCK PILE FOR REUSE ONSITE IN AN AREA AS DIRECTED BY THE OWNER. TEMPORARILY SEED ENTIRE PILE IMMEDIATELY AND SURROUND WITH SILT FENCE.
3. EXISTING VEGETATION REMAINS. PROTECT AT ALL TIMES AS SHOWN ON THE PLANS AND AS SPECIFIED. DO NOT PARK VEHICLES/EQUIPMENT OR STORE MATERIALS WITHIN DRIP LINES OF TREES.
4. REMOVE EXISTING VEGETATION, INCLUDING ALL STUMPS AND ROOTS AND DISPOSE OFF SITE. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
5. EXISTING PAVEMENT REMAINS. PROTECT. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION
6. REMOVE EXISTING PAVEMENT SURFACE AND HAUL OFF SITE.
7. EXISTING SITE UTILITY REMAINS. PROTECT.
8. REMOVE EXISTING SITE UTILITY DISPOSE OFF SITE AND BACK FILL VOID WITH IMPORTED GRANULAR BACKFILL, COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
9. EXISTING SITE FEATURE REMAINS. PROTECT.
10. REMOVE EXISTING SITE FEATURE AND DISPOSE OFF SITE, INCLUDING ANY ASSOCIATED FOOTINGS OR UNDERDRAINS. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO 95% OF IN PLACE DRY DENSITY.
11. TRANSPLANT TREES TO LOCATIONS SHOWN AND AS DIRECTED BY THE OWNER. PROVIDE TREE PIT AS DETAILED AND AS SPECIFIED TO PROTECT TRANSPLANTED TREES. PROVIDE WATER AT ALL TIMES.
12. SAW CUT NEAT, STRAIGHT EDGE. PRIOR TO PAVING. AT SIDEWALKS REMOVE AT NEAREST SCORE JOINT.
13. CONTRACTOR SHALL FIELD VERIFY LOCATION, ELEVATION, INVERT, SIZE, AND TYPE OF EXISTING PIPE/UTILITY PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
14. ADJUST UTILITY TO FINISHED GRADE. FURNISH ALL LABOR AND MATERIALS TO ACCOMPLISH. INCLUDING REMOVAL OF OLD BRICK RISERS AND REPLACEMENT WITH PRECAST CONCRETE RISERS.
15. MEET EXISTING LINE AND GRADE.
16. SLIP DOWEL NEW CONCRETE WALK INTO EXISTING CONCRETE WALK OR BUILDING FOUNDATION WALL WITH No. 4 SLIP DOWEL, 18" LONG, 12" O.C., 2" CLEAR MINIMUM FROM SURFACE. INSERT DOWELS EQUAL LENGTH INTO EXISTING AND NEW CONCRETE. PROVIDE EXPANSION JOINT AND SEALANT.
17. ALIGN NEW EDGE WITH EXISTING.
18. CAP END SILT TIGHT.
19. PROVIDE HOT TAR ASPHALT CRACK SEALER BETWEEN EXISTING AND NEW ASPHALT JOINT.
20. CAMERA SCOPE AND JET WASH EXISTING STORM PIPE FOR FREE FLOWING CONDITION AS SPECIFIED. NOTIFY ARCHITECT OF ANY EXISTING DAMAGE IMMEDIATELY. TO BE COMPLETED PRIOR TO CONSTRUCTION.
21. PROVIDE FERNCO COUPLER OR SIMILAR SILT TIGHT JOINT BETWEEN EXISTING PIPE AND NEW STORM PIPE. ALLOW INSPECTION BY ARCHITECT PRIOR TO BACKFILLING. NOTIFY ARCHITECT WHEN READY TO BACKFILL. WHEN CONNECTING DISSIMILAR PIPES, PROVIDE MARMAC DISSIMILAR PIPE COUPLER.
22. CORE INTO EXISTING STRUCTURE TO ALLOW INSTALLATION OF PROPOSED PIPE. MORTAR VOID BETWEEN OUTSIDE OF PIPE WALL TO STRUCTURE EDGE WATER TIGHT. CLEAN EXISTING STRUCTURE OF ANY DEBRIS PRIOR TO INSTALLATION OF NEW PIPE.
23. CAREFULLY REMOVE EXISTING LACROSSE WALL AND REINSTALL IN LOCATION AS DIRECTED BY OWNER. FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH INCLUDING GRAVEL PAD AS DETAILED.
24. SEAL VOIDS IN ELECTRIC MANHOLE OR HANDHOLE WATER TIGHT AFTER REMOVAL OF CONDUITS AND WIRING.
25. PRIOR TO INSTALLING GRANITE CURB, STAKE OUT PROPOSED LOCATIONS OF ALL GRANITE CURB AND TEMPORARILY PAINT THE STONE SUBBASE WITH BUS SHELTER RADIUSES, AND PARKING SPACES AT EACH END OF THE PARKING LOT. NOTIFY ARCHITECT AND OWNER ONCE CURB IS STAKED. OWNER TO TEST NEW DRIVE RADIUSES PRIOR TO INSTALLATION OF GRANITE CURB. ADJUST LAYOUT OF CURB AS NECESSARY BASED ON OWNER FIELD TEST AND AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST.
26. CAREFULLY REMOVE EXISTING SITE FEATURE AND STOCKPILE ONSITE RE-USE. REINSTALL AND FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH.
27. INSPECT, JET WASH, AND CLEAN OUT EXISTING DRYWELLS FOR FREE FLOWING CONDITION. REMOVE AND DISPOSE ANY MUD, DIRT, DEBRIS.
28. CONTRACTOR TO DISCONNECT AND RE-LOCATE LIGHT POLE FOOTING, LIGHT POLE AND FIXTURES. INSTALL FOOTING AT SAME GENERAL HEIGHT FROM FINISHED GRADE AS EXISTING. PROVIDE TRENCHING, BACKFILL, AND COMPACTION. FROM EXISTING POLE LOCATION TO FUTURE (RELOCATED POLE) LOCATION. OWNER TO PROVIDE ELECTRICAL DISCONNECTION, CONDUIT, WIRING. RE-CONNECTION AND LIGHT POLE POWER UP, TYPICAL. COORDINATE WITH OWNERS ELECTRICAL CONTRACTOR.
29. ADJUST EXISTING IRRIGATION LINE IN AREAS WHERE WATER LINE IS IN CONFLICT WITH PROPOSED WORK AND/OR PROPOSED UTILITIES. FURNISH ALL LABOR AND MATERIALS TO ACCOMPLISH. COORDINATE WITH OWNER PRIOR TO PERFORMING WORK.
30. CONTRACTOR TO DISASSEMBLE AND DEMOLISH EXISTING SPORTS LIGHTING FIXTURES, CONTROL ARMS, BRACKETS, AND POLES AND DISPOSE OFF SITE. HAMMER DOWN EXISTING FOUNDATIONS 18" MIN. BELOW PROPOSED MATERIAL SUBGRADE. CUT ANY ANCHOR BOLTS, STEEL REINFORCING, SLEEVES FLUSH WITH TOP OF REMAINING FOUNDATION TO BE ABANDONED IN PLACE. COORDINATE WITH OWNERS ELECTRICAL CONTRACTOR.
31. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL TRENCHING, BACKFILL, AND COMPACTION FOR OWNER SUPPLIED ELECTRICAL CONDUITS AND HAND HOLES. SITE CONTRACTOR SHALL ALSO INSTALL THE OWNER PROVIDED SITE LIGHTING FOUNDATIONS, POLES, AND FIXTURES. SEE ELECTRICAL DRAWINGS FOR COORDINATION. OWNERS ELECTRICAL CONTRACTORS SHALL FURNISH ALL CONDUITS, SITE LIGHTING AND HAND HOLES. COORDINATE WITH OWNERS ELECTRICAL CONTRACTOR.

PARKING SUMMARY - SUNY CORTLAND SOUTH CAMPUS PARKING LOT

LOT	EXISTING	PROPOSED	HC
OFFSET PARKING LOT	0	214 (+214)	8
TOTAL CAR PARKING	0	214	8

PLANT LIST - SUNY CORTLAND SOUTH CAMPUS PARKING LOT

KEY	BOTANICAL NAME	COMMON NAME	QTY.	ROOT & SIZE **	SPACING
AF	ACER X FREEMANII 'JEFFERSRED'	AUTUMN BLAZE RED MAPLE	8	2-2½" CAL.	AS SHOWN
BN	BETULA NIGRA 'DURA HEAT'	DURA HEAT RIVERBIRCH	4	8'-10' HT.	AS SHOWN
CA	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	5	NO. 3	AS SHOWN
RH	RUDBECKIA HIRTA	BLACK-EYED SUSAN	39	2 QT.	AS SHOWN
SS	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	STANDING OVATION LITTLE BLUESTEM	50	NO. 1	AS SHOWN

LEGEND - SUNY CORTLAND SOUTH CAMPUS PARKING LOT

EXISTING	PROPOSED	DESCRIPTION
	CLL	CONTRACT LIMIT LINE
	MATCHLINE	MATCHLINE
		STREET LINE / PROPERTY EDGE
100	100	CONTOUR
		GRANITE CURB
		GRANITE CURB (MOUNTABLE)
		PAVEMENT EDGE
		SAWCUT LINE
		CURB REMOVAL
		UTILITY REMOVAL
W		WATER LINE
G		GAS LINE
UE	E	BURIED ELECTRIC LINE
SA		SANITARY SEWER - SIZE / TYPE
ST	6" ST	STORM SEWER - SIZE / TYPE
	8" SMT	STORMWATER MANAGEMENT TRENCH
LP	LP	LIGHT POLE
EB		ELECTRIC BOX
EM		ELECTRIC METER
E		ELECTRIC MANHOLE
		METAL BOLLARD
		TRAFFIC SIGN
		WATER VALVE/BOX
CB CB	SI	CATCH BASIN / STORM INLET
ST		STORM MANHOLE
DW	DW	DRY WELL
SA		SANITARY MANHOLE
		FIRE HYDRANT

EXISTING	PROPOSED	DESCRIPTION
CHAIN LINK FENCE		VINYL CLAD CHAIN LINK FENCE
257.25	456.50	SPOT GRADE
	F.V.	FIELD VERIFY
	TYP	TYPICAL
	T	TOP OF CURB
	B	BOTTOM OF CURB
	HP	HIGH POINT
	CR	CURB RAMP
	CE	CURB END
	INV.	INVERT
		EDGE OF WOODS
		TREES / SHRUBS
	T	TRANSPLANT TREE(S)
		DRAINAGE FLOW DIRECTION
	0 / 0	DETAIL FLAG
	1	CONSTRUCTION NOTE
		REMOVE EXISTING PAVEMENT
	MDA	MEDIUM DUTY ASPHALT
		LAWN - 5" TOPSOIL, and SOD
		STANDARD DUTY CONCRETE WITH SCORING
	HDC	HEAVY DUTY CONCRETE WITH SCORING
		STONE MULCH
		LANDSCAPE ROCKS (SEE DETAILS)

appel osborne landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

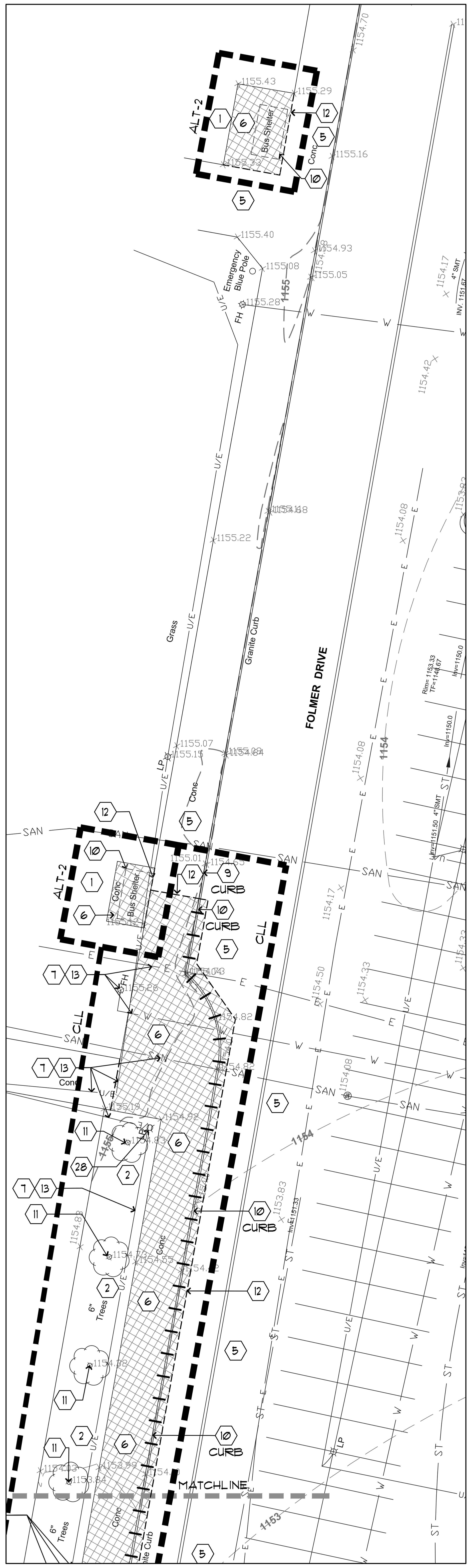
SOUTH CAMPUS PARKING LOT

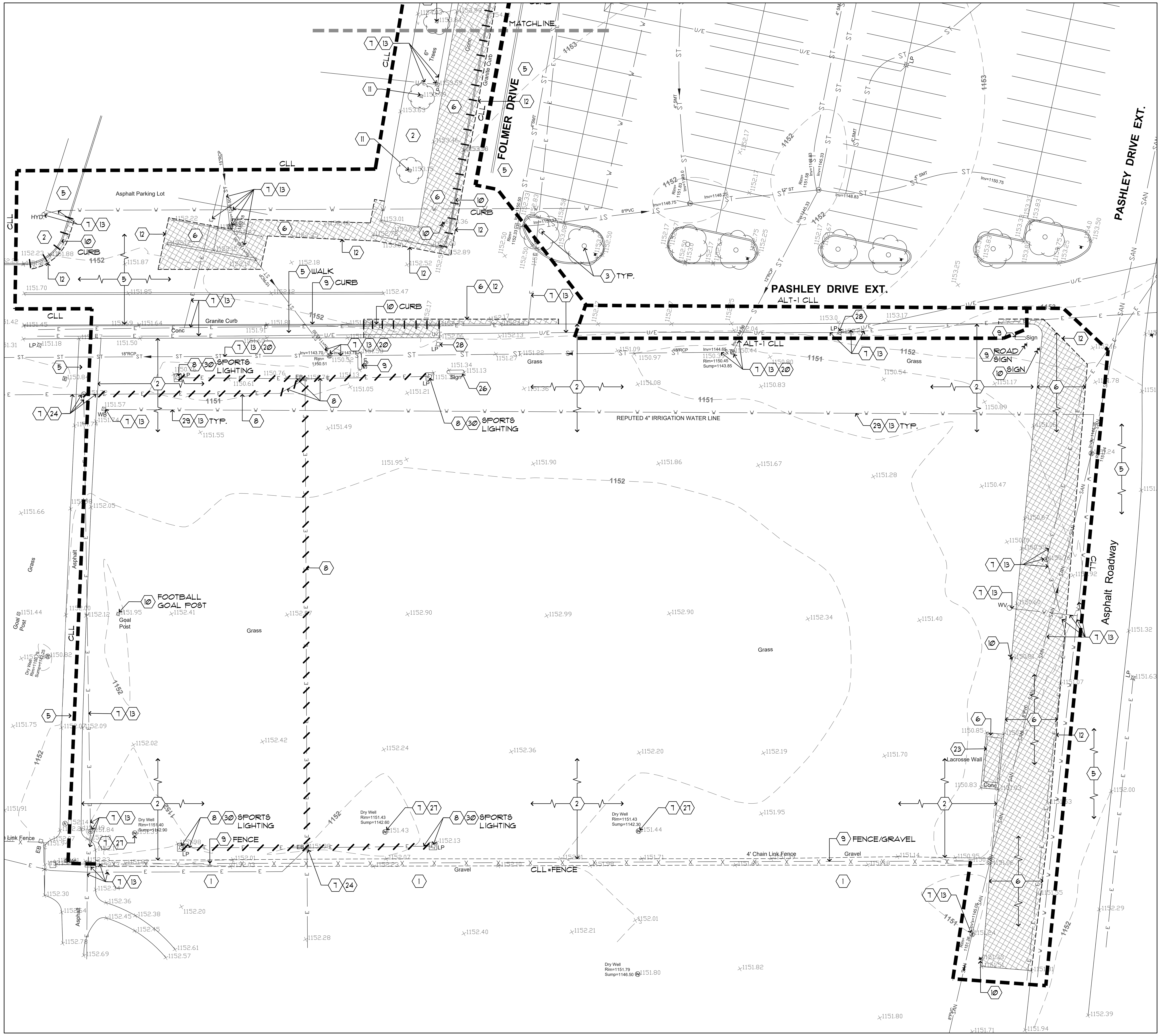
SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision: No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025
Drawing Title: SITE PLAN NOTES
Sheet Number: L1





SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - SITE PREPARATION PLAN

0 10 20 40 60
SCALE IN FEET

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

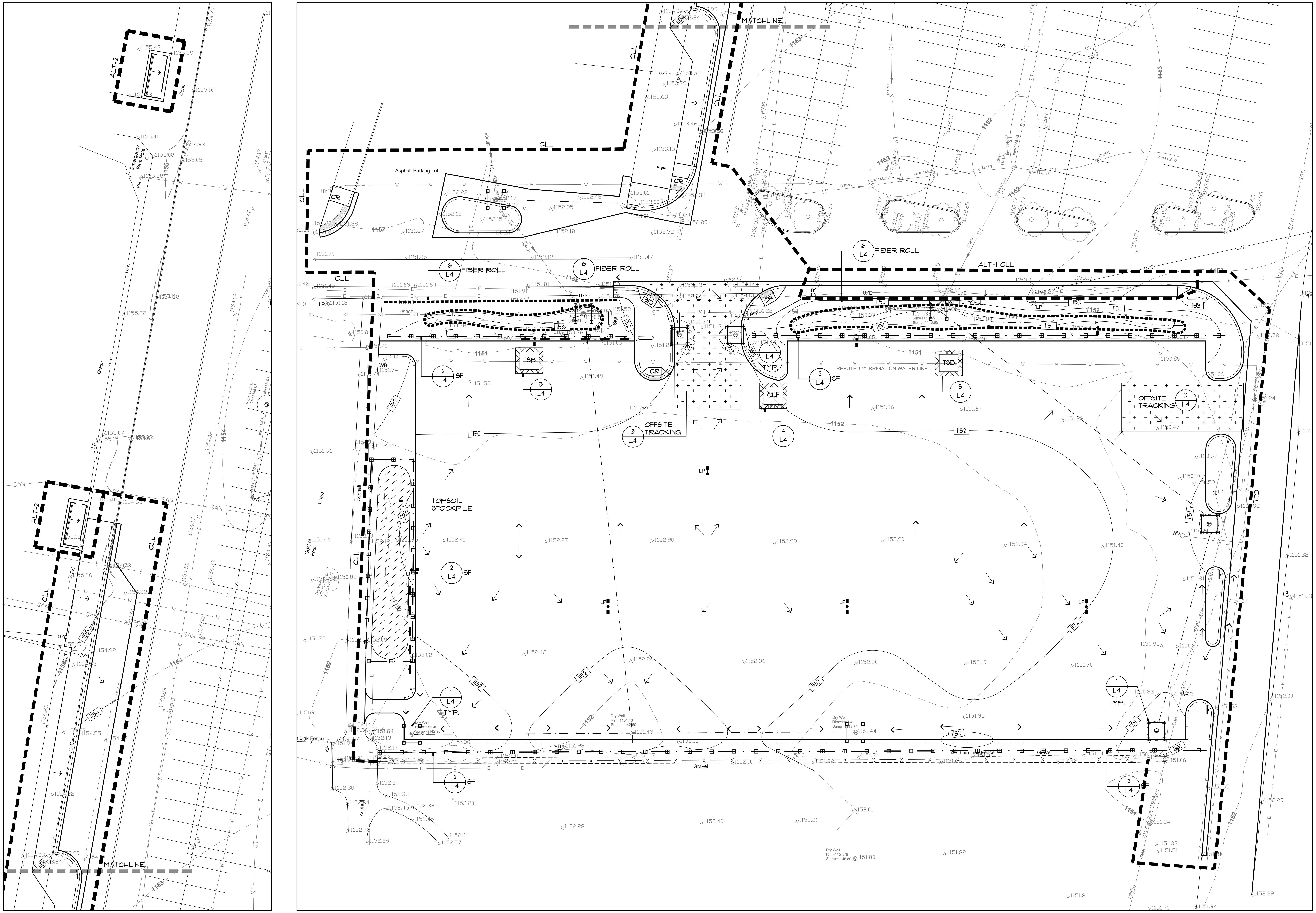
No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025

Drawing Title: SITE PREPARATION PLAN

Sheet Number: **L2**



SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - STORMWATER POLLUTION PREVENTION PLAN

0 10 20 40 60
SCALE IN FEET

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

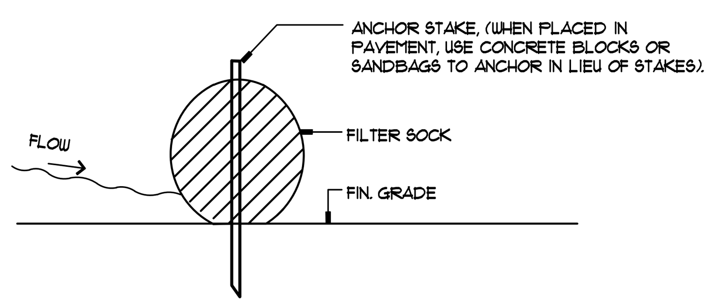
No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

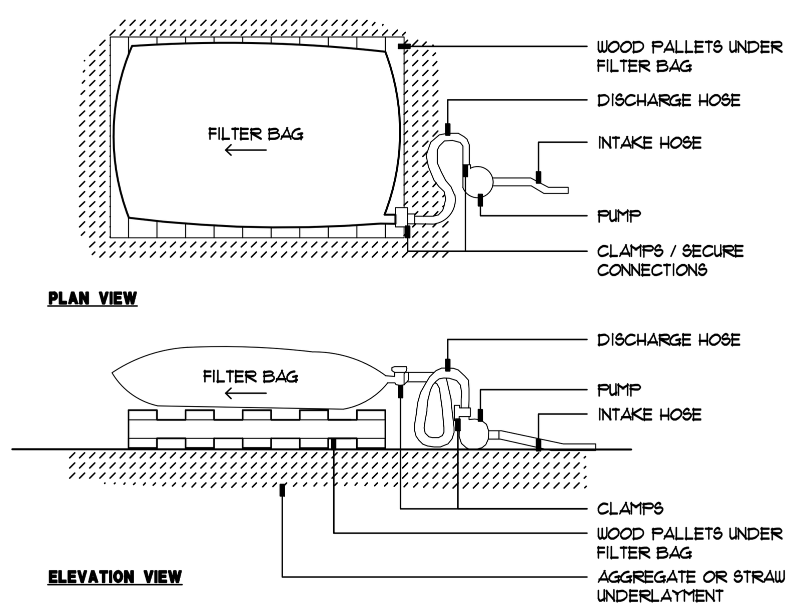
Date: 12-19-2025

Drawing Title: STORMWATER POLLUTION PREVENTION PLAN

Sheet Number: L3

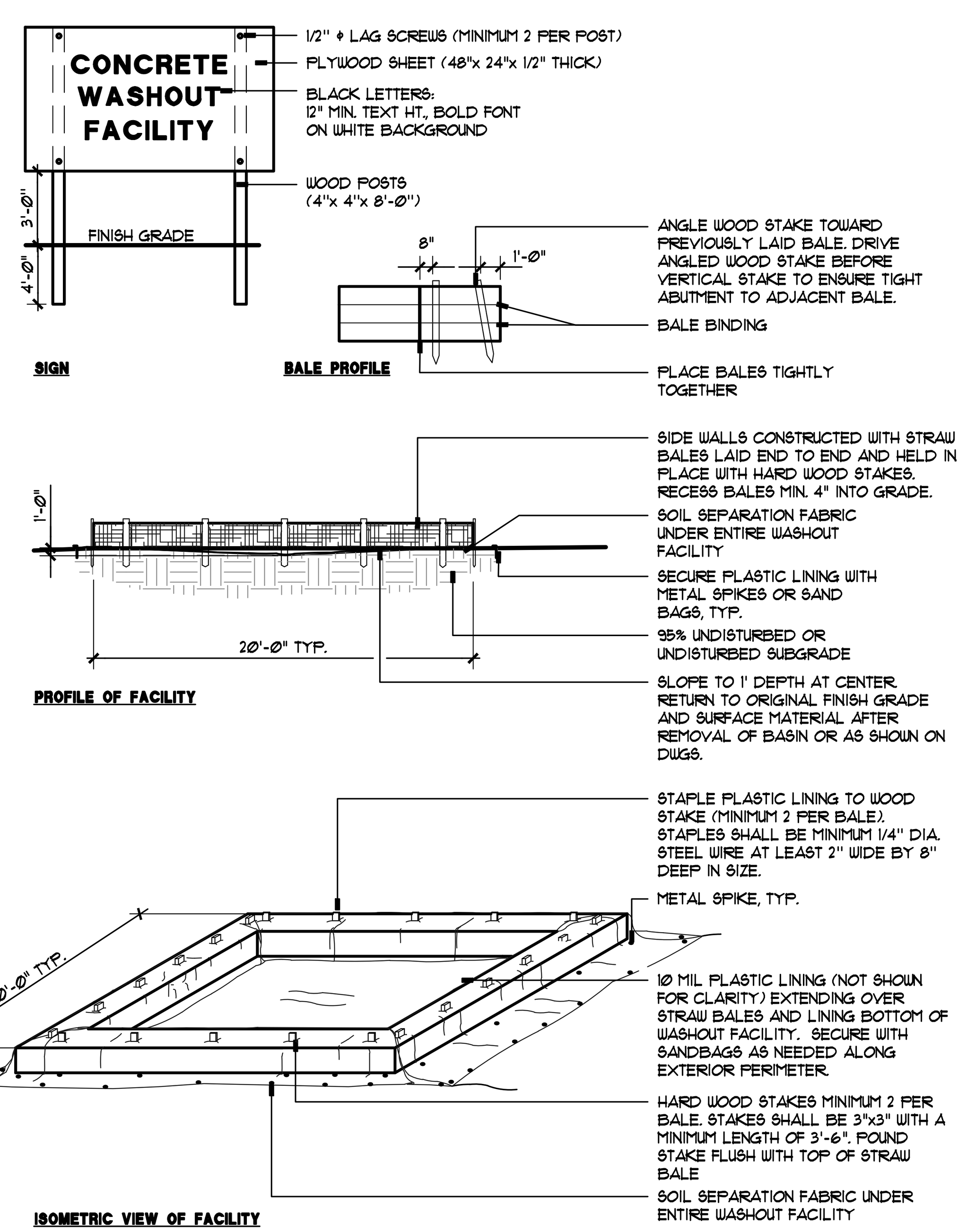


6 L4 **EROSION FIBER ROLL**
SECTION • NOT TO SCALE — EROSION FIBER ROLL

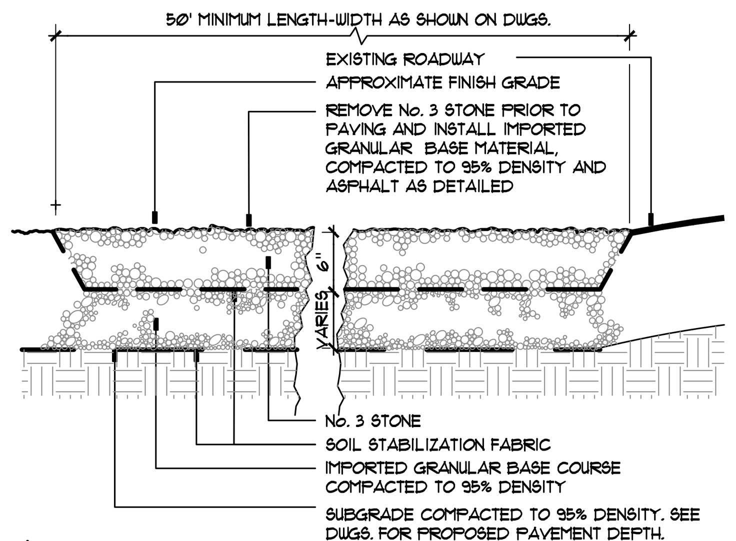


NOTE: INSTALL AS NEEDED AND WHERE NEEDED FOR DEWATERING PURPOSES.

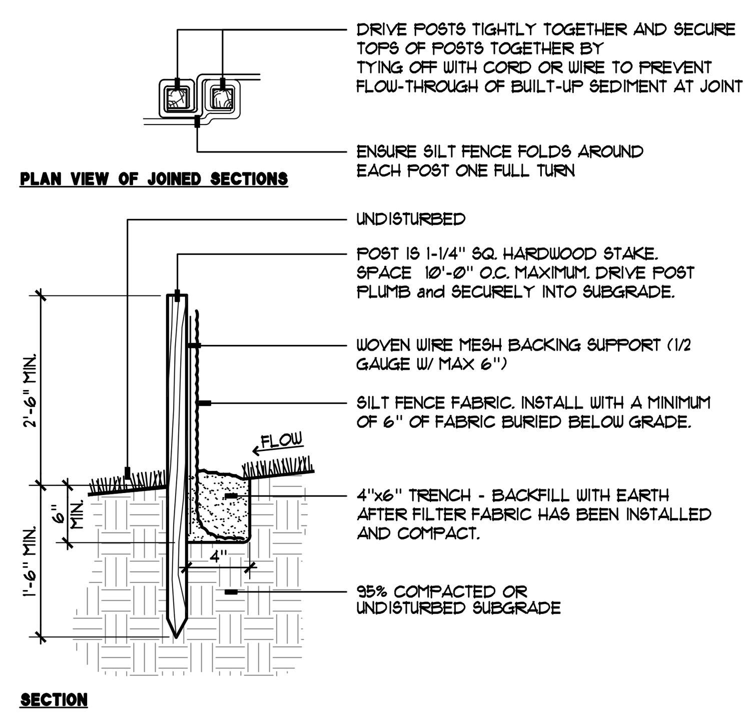
5 L4 **TEMP. SEDIMENT FILTER BAG FOR PUMPED WATER**
SECTION • NOT TO SCALE — 3125-018



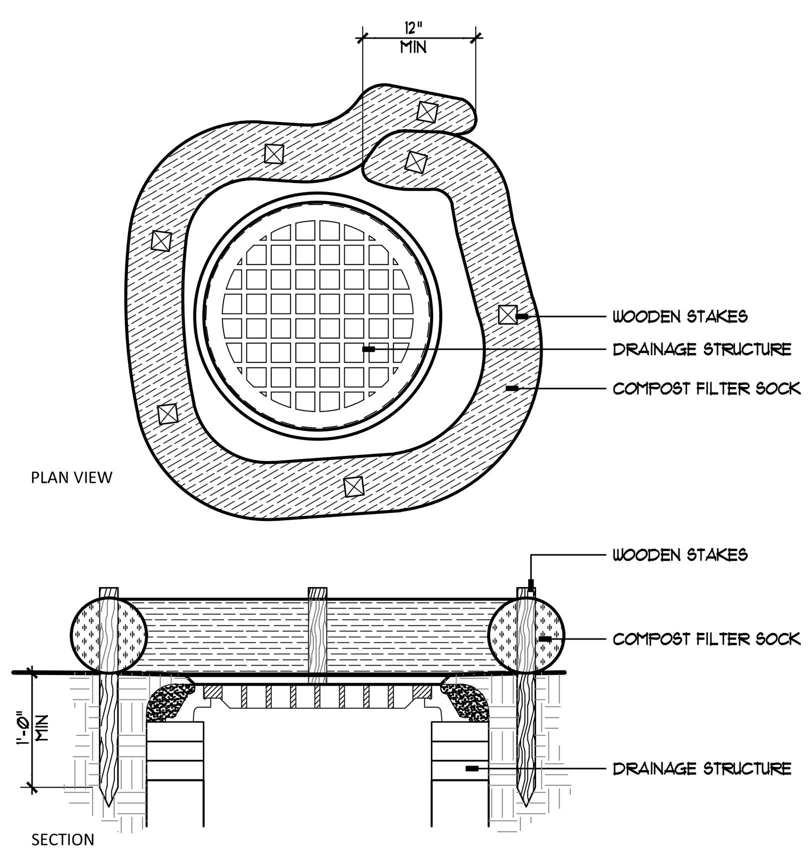
4 L4 **TEMPORARY CONCRETE WASHOUT FACILITY - CWF**
SECTION • NOT TO SCALE — 3125-016



3 L4 **OFFSITE SEDIMENT TRACKING CONTROL**
SECTION • NOT TO SCALE — 3125-013



2 L4 **SILT FENCE = SF**
SECTION • NOT TO SCALE — 3125-004



NOTES:
1. WHEN PLACED IN PAVED AREAS, USE CONCRETE BLOCKS OR SANDBAGS TO ANCHOR THE FILTER SOCK IN LIEU OF STAKES.

1 L4 **STORM STRUCTURE PROTECTION**
SECTION • NOT TO SCALE — 3125-001

STORMWATER POLLUTION PREVENTION PLAN NOTES - SOUTH CAMPUS PARKING LOT

OBJECTIVE

PREVENTION OF EROSION AND POLLUTION FROM STORMWATER RUNOFF FOR THE DURATION OF THIS PROJECT IS THE RESPONSIBILITY OF (PM TO FILL APPROPRIATE CONTRACTOR). ALL STORMWATER POLLUTION PREVENTION CONTROL WORK INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS SHALL BE INCLUDED IN THE CONTRACTORBASE BID. DAMAGES RESULTING FROM, BUT NOT LIMITED TO NEGLIGENCE, IMPROPER MAINTENANCE OR GENERAL DISREGARD FOR EROSION CONTROL MEASURES SHALL BE IMMEDIATELY CORRECTED BY CONTRACTOR TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT, ENGINEER OR CERTIFIED EROSION CONTROL SPECIALIST HIRED BY THE OWNER FOR THE SWPPP INSPECTIONS AS REQUIRED BY THE NYSDEC. DAMAGES RESULTING FROM OTHER CONTRACTORS SHALL BE REPAIRED BY CONTRACTOR ON A TIME AND MATERIAL BASIS AND BACK CHARGED TO THE RESPONSIBLE PARTY. ANY FINES LEVIED ON THE OWNER BY GOVERNING AUTHORITIES FOR SWPPP VIOLATIONS SHALL BE BACK CHARGED TO THE RESPONSIBLE PARTY.

SITE DESCRIPTION

PROJECT NAME AND LOCATION:	OWNER NAME AND ADDRESS:
SOUTH CAMPUS PARKING LOT 8 FOLMER DRIVE CORTLAND, NY 13045	SUNY CORTLAND 22 GRAHAM AVE CORTLAND, NY 13045

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF SITE RENOVATIONS OVER A SINGLE PHASE. SOIL DISTURBING ACTIVITIES SHALL INCLUDE: CLEARING AND GRUBBING, INSTALLING A STABILIZED CONSTRUCTION ENTRANCE, AND OTHER EROSION AND SEDIMENT CONTROLS, GRADING, EXCAVATION FOR THE PARKING LOT, AND PREPARATION FOR FINAL SODDING. THE PROJECT IS SCHEDULED TO BEGIN IN THE SPRING OF 2026 AND BE COMPLETED IN THE SUMMER OF 2026.

SITE AREA:

THE SITE IS APPROXIMATELY 2.0± ACRES OF WHICH 1.78± ACRES SHALL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

SEQUENCE OF MAJOR ACTIVITIES:

SEQUENCING OF THE SITE SHALL CORRESPOND WITH SITE PHASING PLAN SHEET.

GENERAL:
1. INSTALL OFFSITE TRACKING.
2. INSTALL SILT FENCE WHERE SHOWN AND ON DOWNHILL SLOPES.
3. CONTINUE WITH SITE REMOVALS.
4. STRIP AND STOCKPILE TO AREAS INDICATED, TEMPORARILY SEED AND PROTECT WITH SILT FENCE.
5. INITIATE NECESSARY CUT AND FILLS TO SUBGRADE OF PARKING LOTS AND SURROUNDS.
6. INSTALL DRAINAGE, LIGHT POLES AND CONDUITS.
7. INSTALL BIO-RETENTION SWALES AND MULCH.
8. INSTALL ALL PAVEMENT SUBGRADES, CURBS, AND GUTTERS. INSTALL ASPHALT PAVING AND CONCRETE WALKS.
9. SPREAD TOPSOIL ON ALL LAWN AREAS.
10. SOD LAWN AREAS AS INDICATED, AND INSTALL PLANTINGS.
11. FERTILIZE, WATER, AND MOW LAWN AREAS
12. REMOVE ALL MECHANICAL EROSION CONTROL AFTER LAWN IS STABILIZED

NAME OF RECEIVING WATERS:

THE RUNOFF FROM THE SITE FLOWS INFILTRATES INTO EXISTING SOILS. BUT ULTIMATELY TO OTTER CREEK.

CONTROLS

STABILIZATION PRACTICES

TEMPORARY STABILIZATION: STABILIZE TOPSOIL STOCKPILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS WITH TEMPORARY SEED AND MULCH. REFER TO SEEDING SPECIFICATIONS. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.

PERMANENT STABILIZATION: STABILIZE DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. REFER TO SEEDING SPECIFICATIONS.

STORM WATER MANAGEMENT

STORMWATER DRAINAGE SHALL BE PROVIDED BY STORMWATER MANAGEMENT TRENCHES, DRYWELLS, IMPROVED TOPSOIL / COMPOST LAWN.

WASTE DISPOSAL

WASTE MATERIALS: COLLECT AND STORE ALL SITE RELATED WASTE MATERIALS. THE DUMPSTERS SHALL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER SHALL BE EMPTIED A MINIMUM OF TWICE PER WEEK OR MORE OFTEN IF NECESSARY. NO BUILDING CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON-SITE.

HAZARDOUS MATERIALS: DISPOSE ALL SITE RELATED HAZARDOUS WASTE MATERIALS IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER.

SANITARY WASTE: DISPOSE ALL SANITARY WASTE FROM PORTABLE UNITS A MINIMUM OF THREE TIME PER WEEK OR AS REQUIRED BY LOCAL REGULATION.

OFF SITE VEHICLE TRACKING

PROVIDE STABILIZED CONSTRUCTION ENTRANCE TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. SWEEP THE PAVED STREET ADJACENT TO THE SITE ENTRANCE DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPAULIN. REPAIR OR REPLACE OFF SITE TRACKING STONE AS MUD OR DEBRIS IS ACCUMULATED.

TIMING OF CONTROLS / MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE TEMPORARY EROSION AND SEDIMENT CONTROLS, STABILIZED CONSTRUCTION ENTRANCES AND STAGING AREA SHALL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 7 DAYS SHALL BE STABILIZED WITH A TEMPORARY SEED AND MULCH. ONCE CONSTRUCTION ACTIVITY CEASED PERMANENTLY IN AN AREA, THAT AREA SHALL BE STABILIZED WITH PERMANENT LAWN. AFTER THE SITE IS STABILIZED, ANY ACCUMULATED SEDIMENT AND THE TEMPORARY CONTROLS SHALL BE REMOVED. ANY DISTURBED AREAS NOT STABILIZED PRIOR TO SNOW FALL SHALL RECEIVE DRY MULCH TO PROTECT DURING WINTER MONTHS.

CERTIFICATIONS

PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR, SITE EARTHWORK CONTRACTOR, SITE LANDSCAPING CONTRACTOR AND OTHER SUBCONTRACTORS AS DETERMINED BY THE ARCHITECT SHALL SIGN CERTIFICATION NOTED IN SPECIFICATION 31 2501.

ALL EROSION, SEDIMENT AND POLLUTION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) AND REQUIREMENTS FOR A STATE POLLUTION DISCHARGE ELIMINATION (SPDES) GENERAL PERMIT FOR STORM WATER DISCHARGE FOR CONSTRUCTION ACTIVITY. THE SPDES PERMIT (GP-0-25-001) IS PURSUANT TO THE NYSDEC AND FEDERAL ENVIRONMENTAL CONSERVATION LAW AND HAS PENALTIES AND FINES RELATED TO VIOLATIONS.

SWPP CONTROLS REQUIRED (NOT SHOWN ON PLAN)

1. CONTRACTOR TO PROVIDE, INSTALL, AND MAINTAIN 100' LINEAR FEET OF ADDITIONAL SILT FENCE IN LOCATIONS AS DIRECTED BY THE ARCHITECT DURING DIFFERENT PHASES OF CONSTRUCTION.
2. SITE CONTRACTOR SHALL MAINTAIN CONCRETE WASHOUT FACILITY USED BY ALL CONTRACTORS FOR THE DURATION OF THE CONSTRUCTION PROJECT.
3. PROVIDE AND MAINTAIN 500' LINEAR FEET OF 1'-0" DEPTH MIN. STABILIZED TEMPORARY DIVERSION SWALE TO BE INSTALLED IN A LOCATION AS DETERMINED BY THE ARCHITECT.
4. DO NOT STORE MATERIALS OVER STORM, SANITARY, OR WATER UTILITIES.
5. DO NOT EXCAVATE LARGE PORTIONS OF THE SITE WITHOUT PROVIDING THE MEANS TO LIMIT EROSION OVER NIGHT, WEEKENDS, OR PROBABLE INCLEMENT WEATHER.
6. PROVIDE AN ADDITIONAL 2500SY OF TEMPORARY MULCH STABILIZATION IN LOCATIONS AS DETERMINED BY THE ARCHITECT.
7. SITE CONTRACTOR IS RESPONSIBLE FOR DAILY INSPECTION OF OFF SITE TRACKING CONTROLS FOR THE PROJECT AND ALL TRADES. OFF SITE TRACKING SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT SO AS TO KEEP MUD, DIRT, STONE, AND DEBRIS OFF OF THE CAMPUS ROAD. THIS INCLUDES DAILY STREET SWEEPING/CLEANING AT DAILY INTERVALS AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

MAINTENANCE / INSPECTION PROCEDURES

(INSPECTION ON EROSION CONTROLS SHALL BE PERFORMED BY THE ARCHITECT AND SITE CONTRACTOR WITH DEC CERTIFICATION)

1. INSPECT ALL CONTROL MEASURES AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
2. MAINTAIN ALL MEASURES IN GOOD WORKING ORDER± IF A REPAIR IS NECESSARY, SITE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF REPORT.
3. REMOVE BUILT UP SEDIMENT FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
4. INSPECT SILT FENCE FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
5. INSPECT DIVERSION DIKE/ AND OR DITCHES AND REPAIR ANY BREACHES PROMPTLY.
6. INSPECT TEMPORARY AND PERMANENT SEEDING AND PLANTING FOR BARE SPOTS, WASHOUT, AND HEALTHY GROWTH.
7. PREPARE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION.
8. THE OWNER'S PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE TRAINING FROM THE ARCHITECT AND CONTRACTOR. THEY SHALL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT AND WATER QUANTITY AND QUALITY SYSTEMS CONTROLS USED ON-SITE IN GOOD WORKING ORDER, POST CONSTRUCTION.

INVENTORY FOR POLLUTION PREVENTION PLAN

MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ON-SITE DURING CONSTRUCTION:
- CONCRETE
- FERTILIZERS
- DETERGENTS
- PETROLEUM BASED PRODUCTS
- PAINTS (ENAMEL AND LATEX)
- CLEANING SOLVENTS
- MASONRY BLOCK
- WOOD
- ASPHALT
- MISC. CONSTRUCTION MATERIALS

SPILL PREVENTION

1. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT:
   - STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
   - STORE ALL MATERIALS STORED ON-SITE IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
   - KEEP PRODUCTS IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
   - WHENEVER POSSIBLE, USE UP ALL OF A PRODUCT BEFORE DISPOSING OF THE CONTAINER.
   - FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL.
   - INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.
2. THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
   - KEEP PRODUCTS IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
   - RETAIN ORIGINAL LABELS AND MATERIAL SAFETY DATA. THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
   - IF SURPLUS PRODUCT MUST BE DISPOSED OF, FOLLOW MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL.
3. MONITOR ALL ON-SITE VEHICLES FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED OSHA APPROVED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S AND ARCHITECT'S RECOMMENDATIONS.
4. APPLY FERTILIZERS USED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND ARCHITECT. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE SHALL BE IN COVERED STORAGE. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
5. SEAL AND STORE ALL PAINT CONTAINERS TIGHTLY WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT BE DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
6. CONCRETE AND ASPHALT TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

SWPPP LEGEND

SYMBOL	DESCRIPTION
	EXISTING CONTOUR
	PROPOSED CONTOUR
SF	SILT FENCE
	OFF SITE TRACKING CONTROL CONSTRUCTION ENTRY/EXIT
	TEMPORARY FABRIC INLET PROTECTION
	TOPSOIL STOCKPILE AREA
TSB	TEMPORARY SEDIMENT FILTER BAG
CWF	CONCRETE WASHOUT FACILITY
	COMPOST FILTER SOCK

appel osborne landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

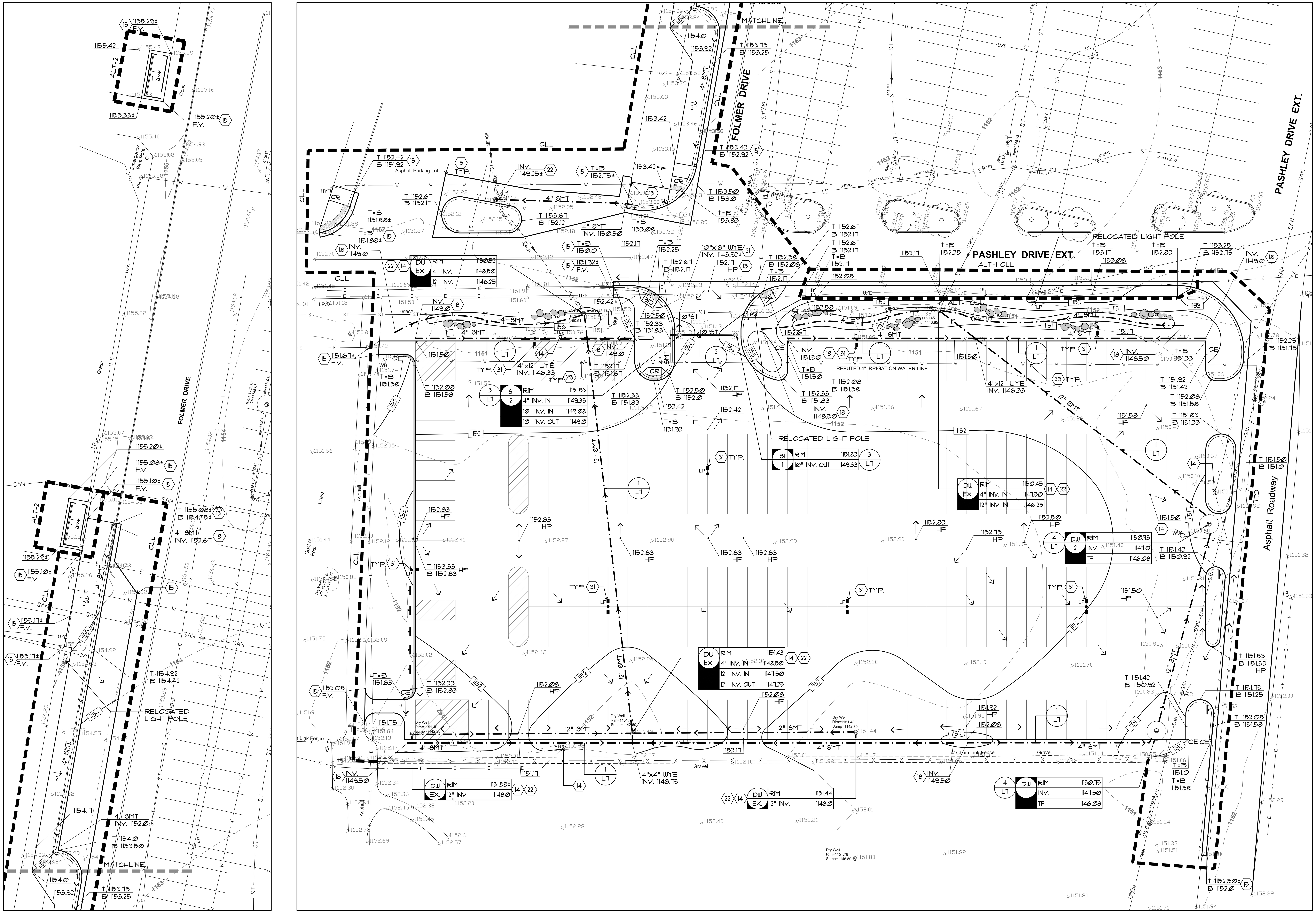
SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025
Drawing Title: SWPPP NOTES AND DETAILS
Sheet Number: L4



SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - GRADING, DRAINAGE and UTILITY PLAN

0 10 20 40 60
SCALE IN FEET

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

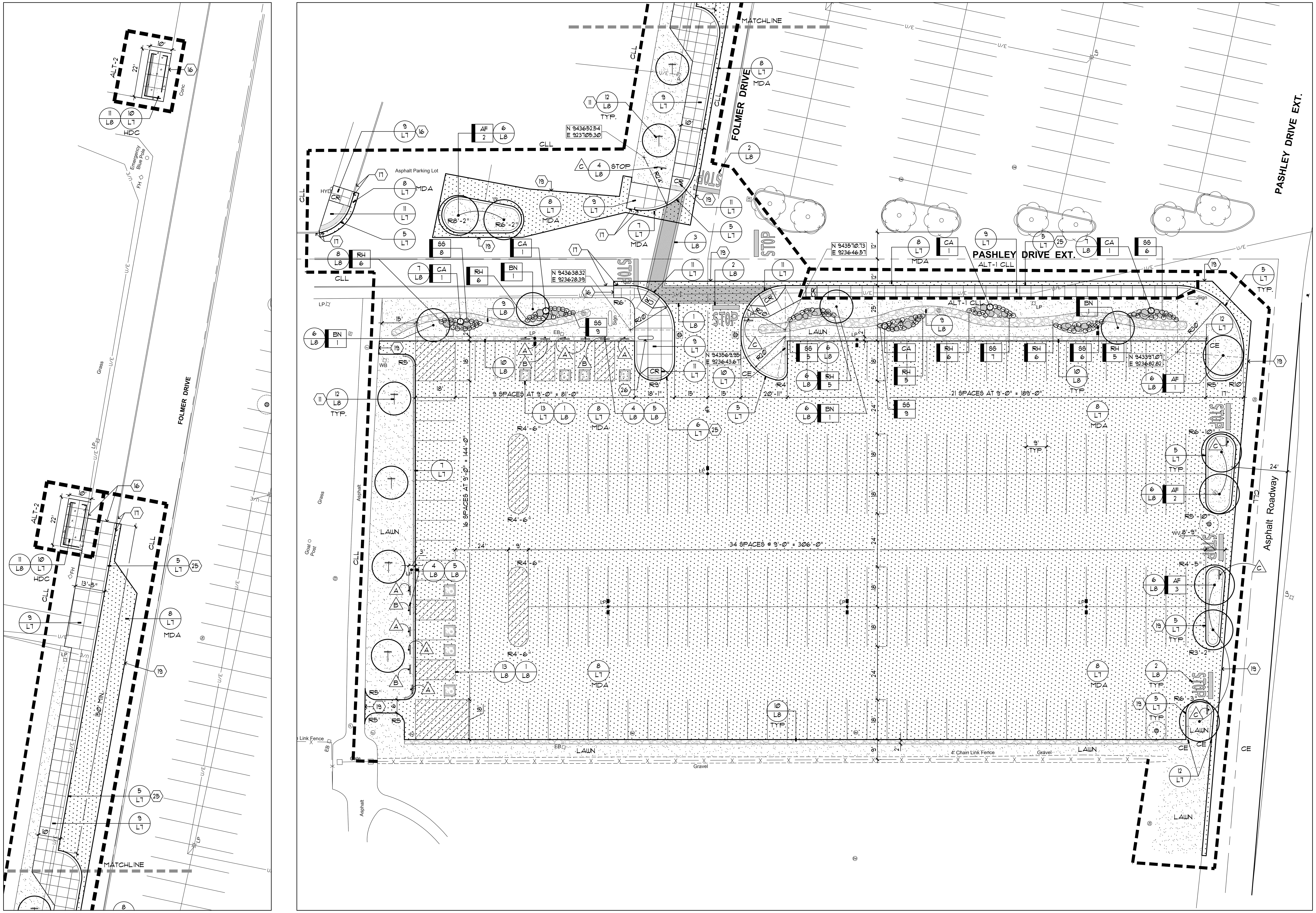
SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:		
No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025
Drawing Title: GRADING, DRAINAGE and UTILITY PLAN
Sheet Number: L5



SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - LAYOUT PLAN

0 10 20 40 60
SCALE IN FEET

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

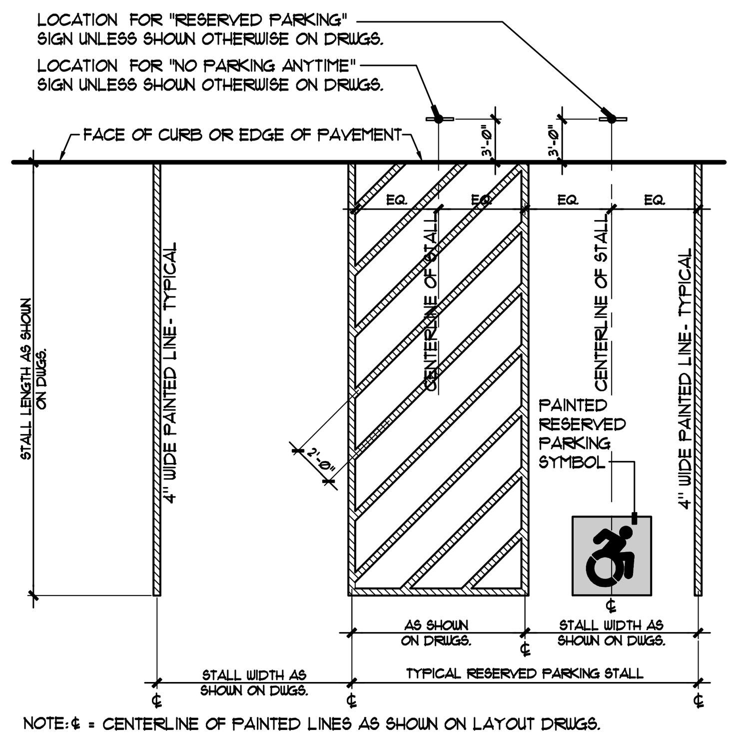
SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

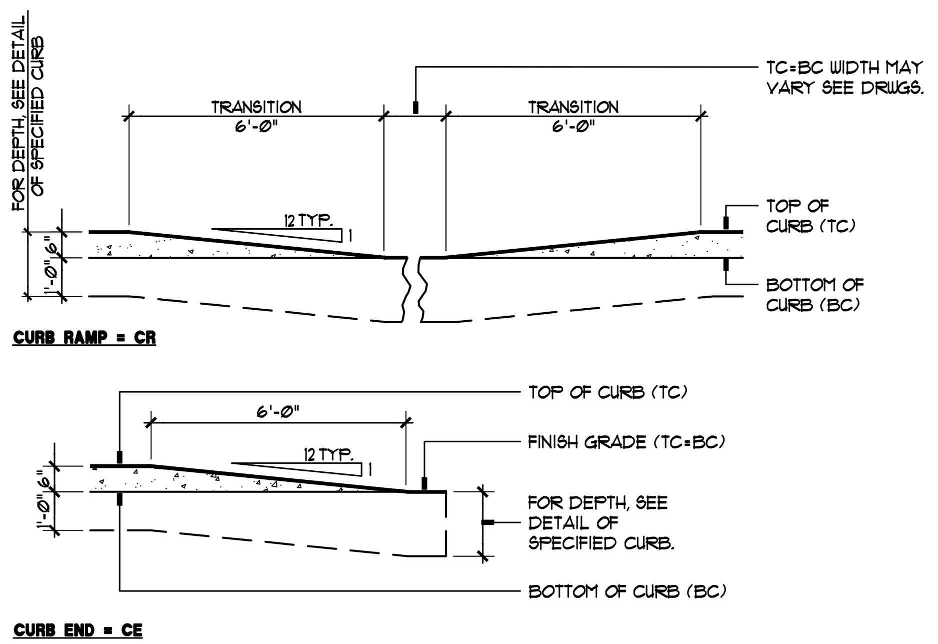
Revision:		
No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

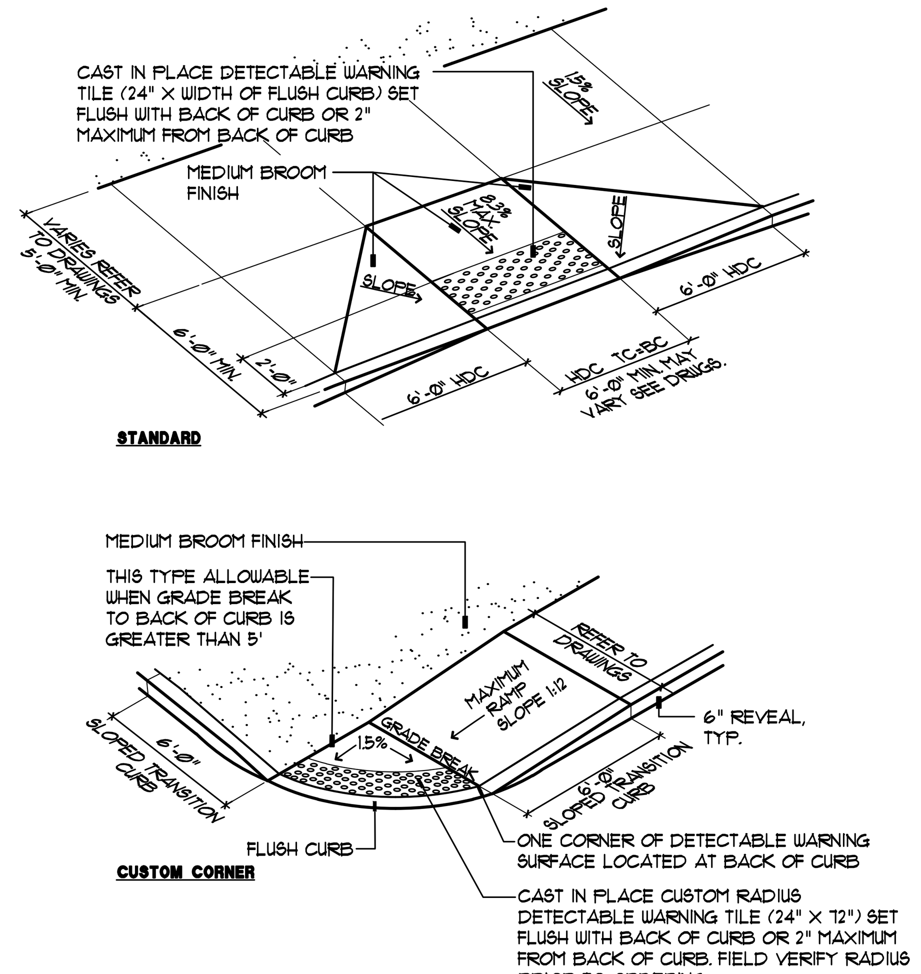
Date: 12-19-2025
Drawing Title: LAYOUT PLAN
Sheet Number: L6



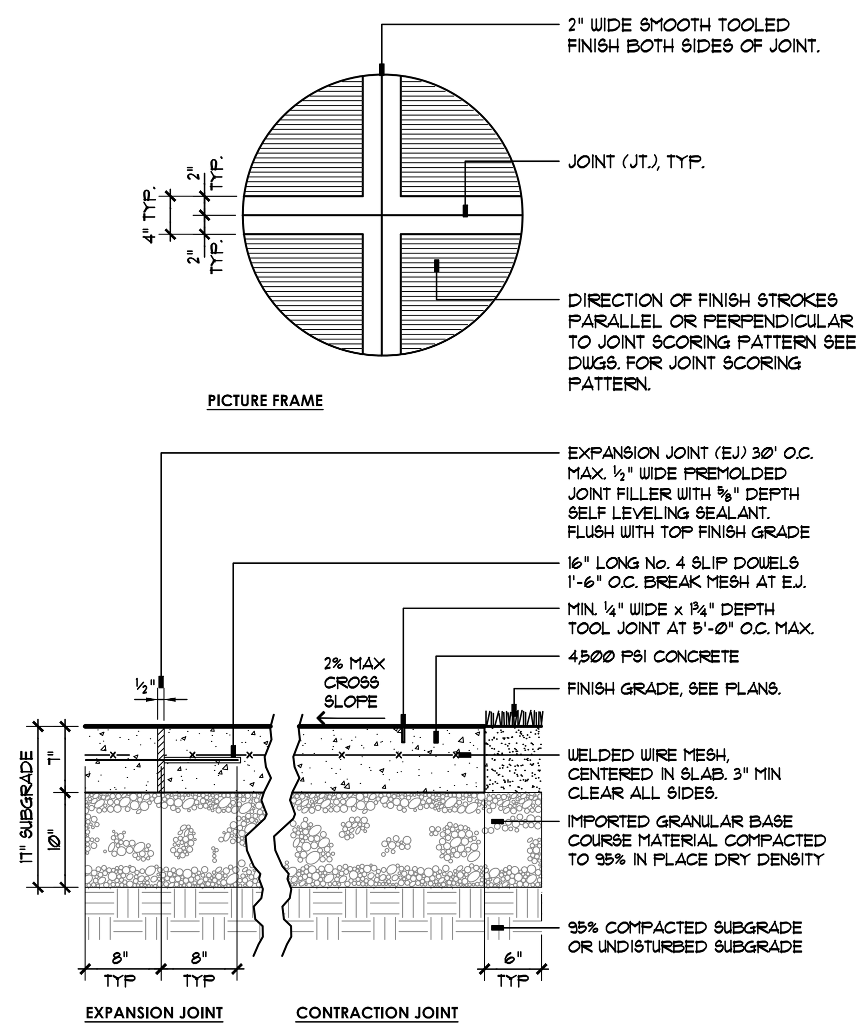
13 L1 **PARKING STALL MARKING-TYPICAL**
SECTION • NOT TO SCALE — 3230-005A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



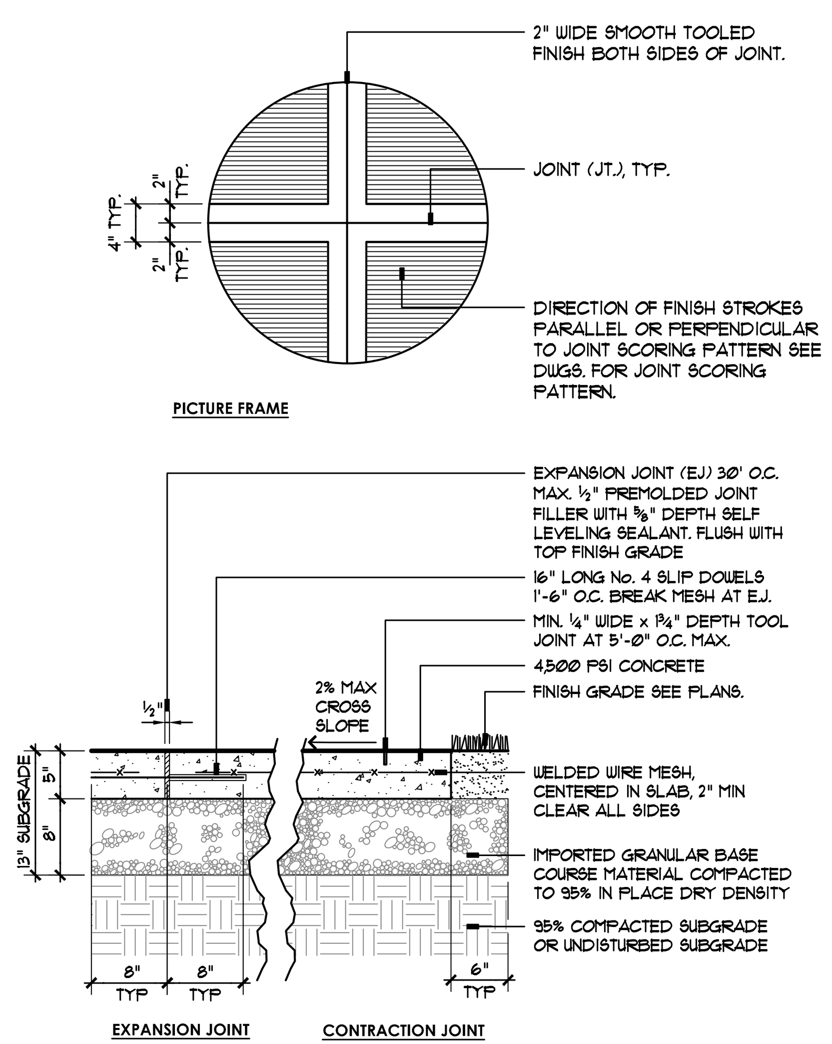
12 L1 **CURB RAMP AND CURB ENDING = CR/CE**
SECTION • NOT TO SCALE — 3213-002
APPEL OSBORNE LANDSCAPE ARCHITECTURE



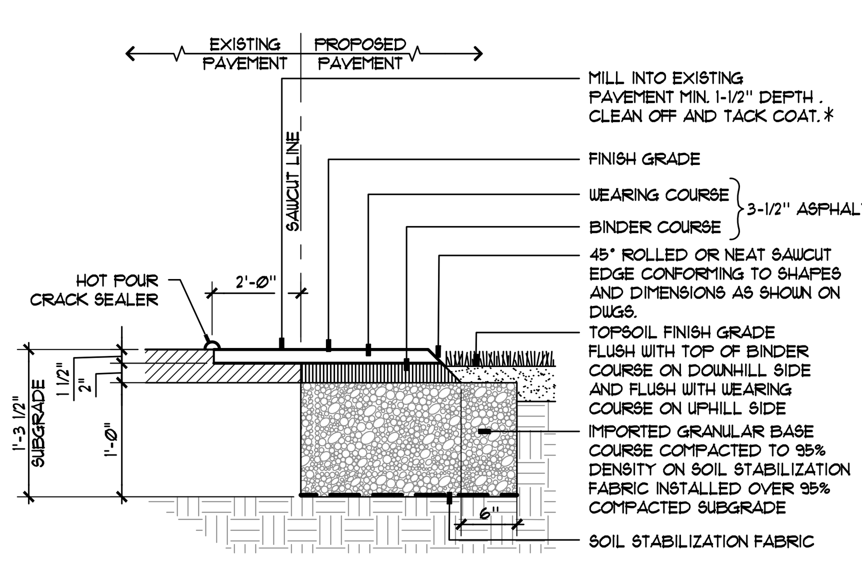
11 L1 **CURB RAMP WITH DETECTABLE WARNING SYSTEM**
AXONOMETRIC • NOT TO SCALE — 3213-001
APPEL OSBORNE LANDSCAPE ARCHITECTURE



10 L1 **HEAVY DUTY CONCRETE WALK/PAD = HDC**
SECTION • NOT TO SCALE — 3213-203
APPEL OSBORNE LANDSCAPE ARCHITECTURE

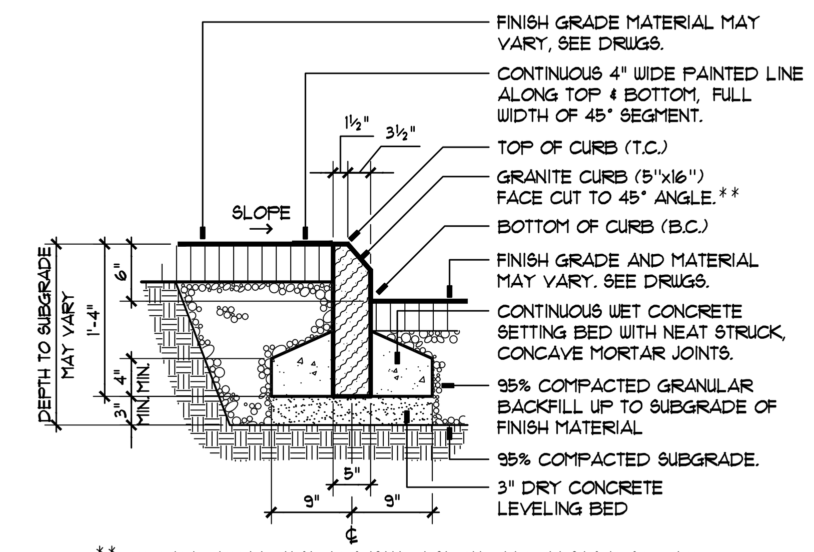


9 L1 **STANDARD DUTY CONCRETE WALK/PAD**
SECTION • NOT TO SCALE — 3213-202
APPEL OSBORNE LANDSCAPE ARCHITECTURE



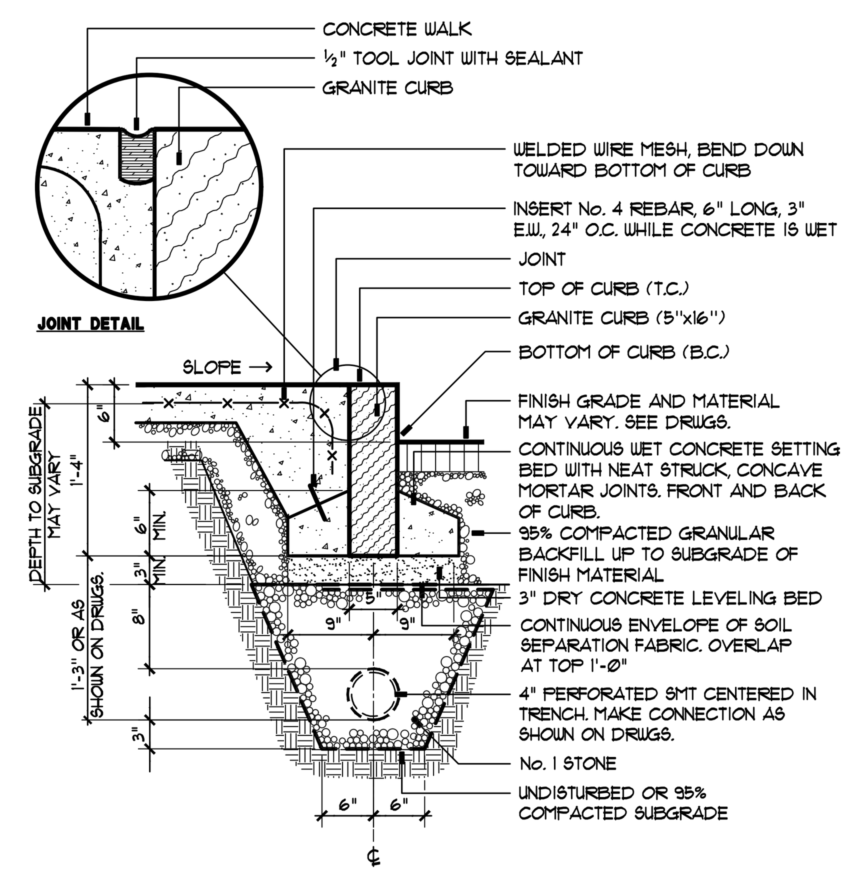
‡ OVERLAPPING OF JOINTS BETWEEN ASPHALT COURSES IS REQUIRED.

8 L1 **MEDIUM DUTY ASPHALT PAVEMENT = MDA**
SECTION • NOT TO SCALE — 3212-001B
APPEL OSBORNE LANDSCAPE ARCHITECTURE

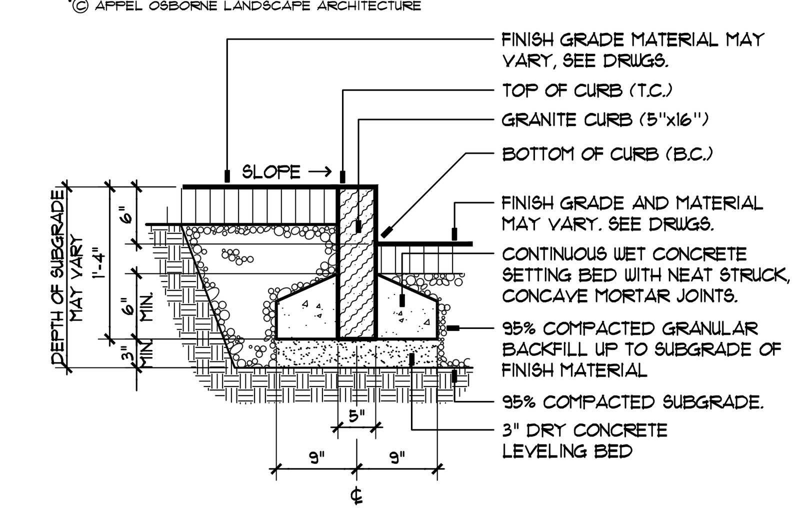


‡‡ PROVIDE HORIZONTAL TRANSITION SECTION FROM STANDARD TO MOUNTABLE CURB AT EACH END. (RADIUS SECTION)

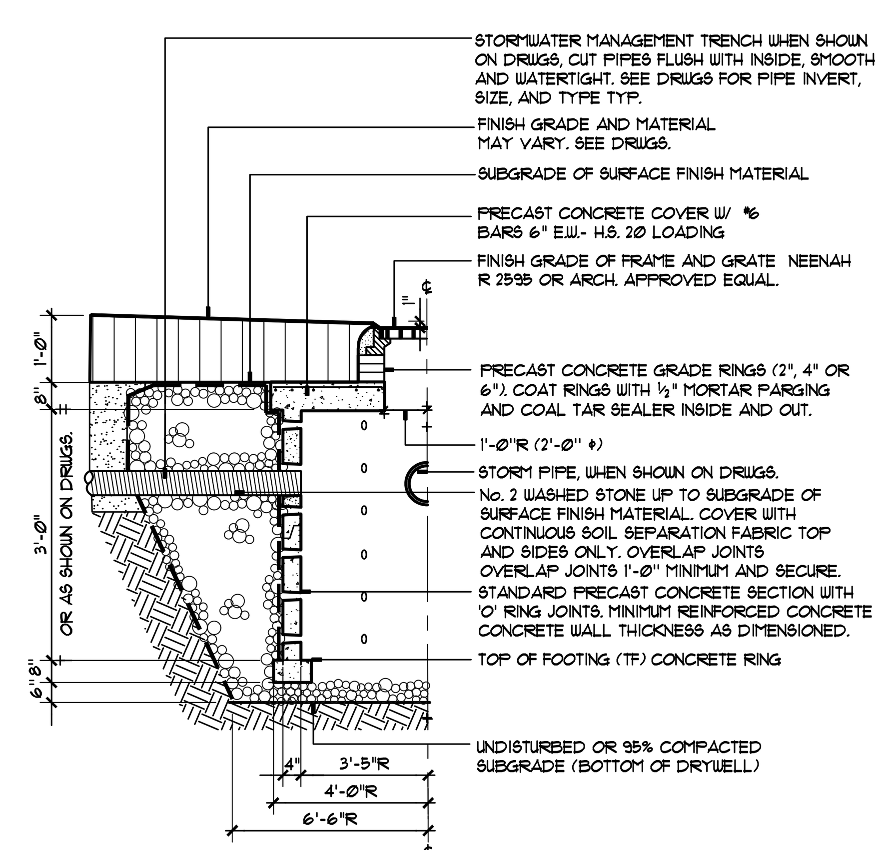
7 L1 **GRANITE CURB - MOUNTABLE**
SECTION • NOT TO SCALE — 3216-005
APPEL OSBORNE LANDSCAPE ARCHITECTURE



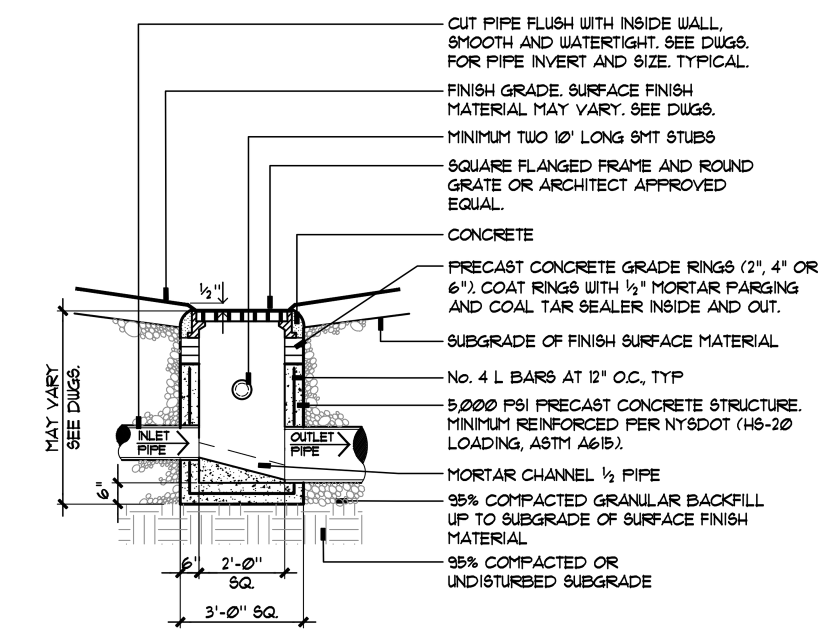
6 L1 **INTEGRAL GRANITE CURB - 5" x 16" WITH SMT**
SECTION • NOT TO SCALE — 3216-004B
APPEL OSBORNE LANDSCAPE ARCHITECTURE



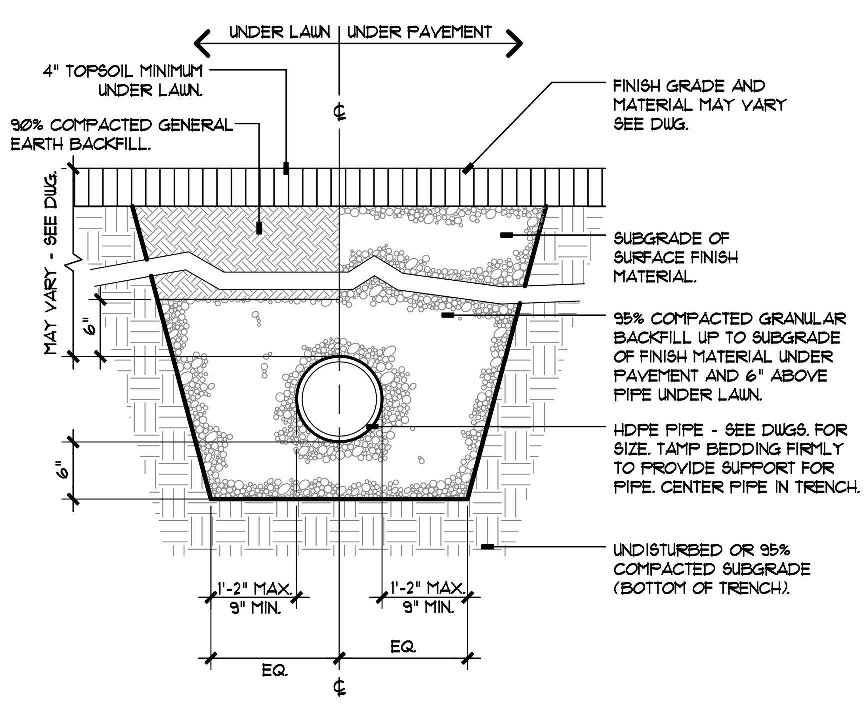
5 L1 **GRANITE CURB - 5" x 16"**
SECTION • NOT TO SCALE — 3216-002A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



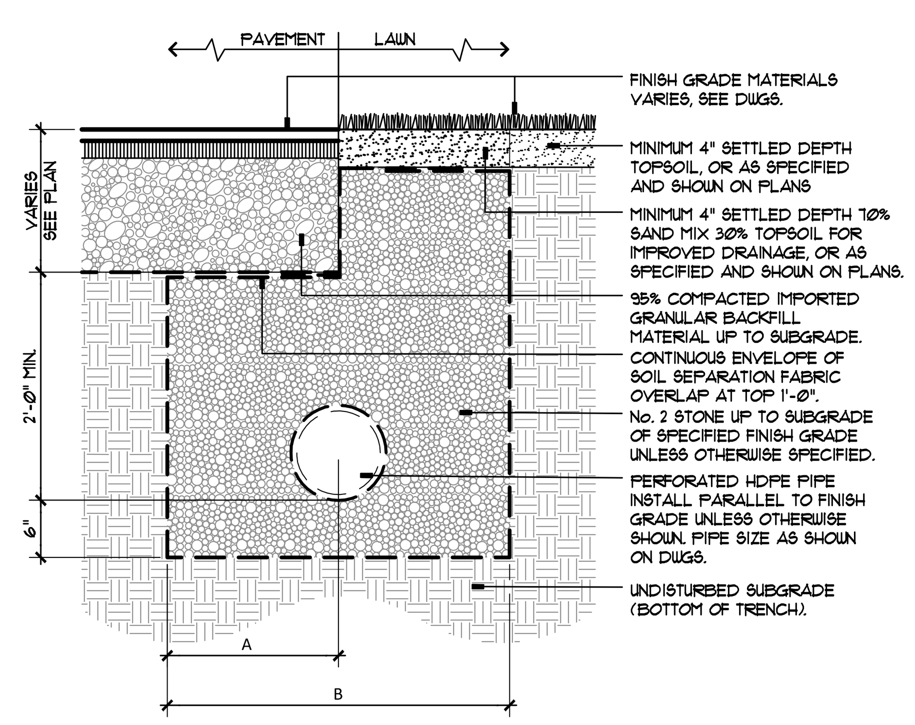
4 L1 **DRYWELL = DW**
SECTION • NOT TO SCALE — 3340-212A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



3 L1 **STORM INLET - SI**
SECTION • NOT TO SCALE — 3340-202A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



2 L1 **STORM TRENCH = ST**
SECTION • NOT TO SCALE — 3340-105A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



PIPE SIZE	A	B	NOTES
4"	6"	1'-0"	FLEXIBLE
6"	6"	1'-0"	FLEXIBLE
8"	6"	2'-0"	FLEXIBLE

PIPE SIZE	A	B	NOTES
10"	1'-6"	3'-0"	FLEXIBLE
12"	2'-0"	4'-0"	FLEXIBLE

1 L1 **STORMWATER MGMT TRENCH = SMT**
SECTION • NOT TO SCALE — 3340-102
APPEL OSBORNE LANDSCAPE ARCHITECTURE

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

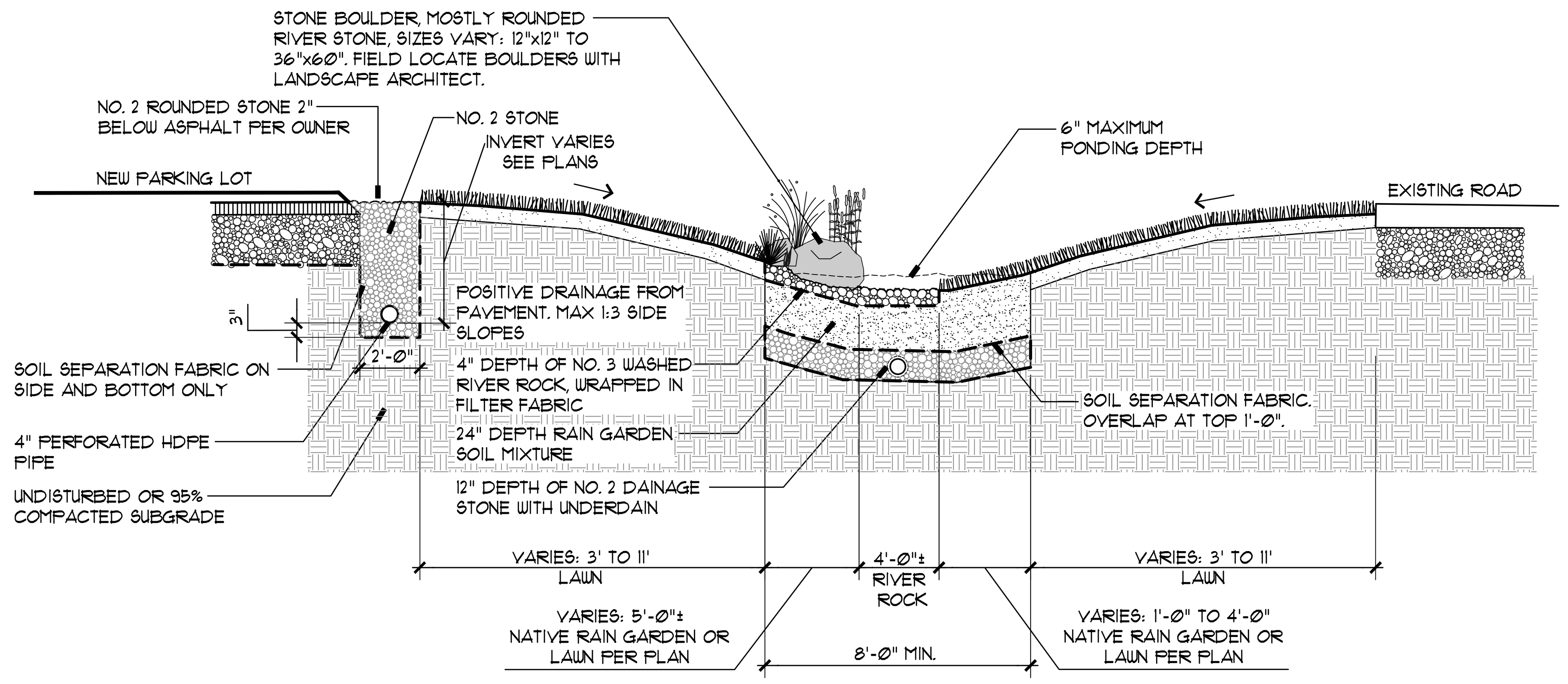
SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

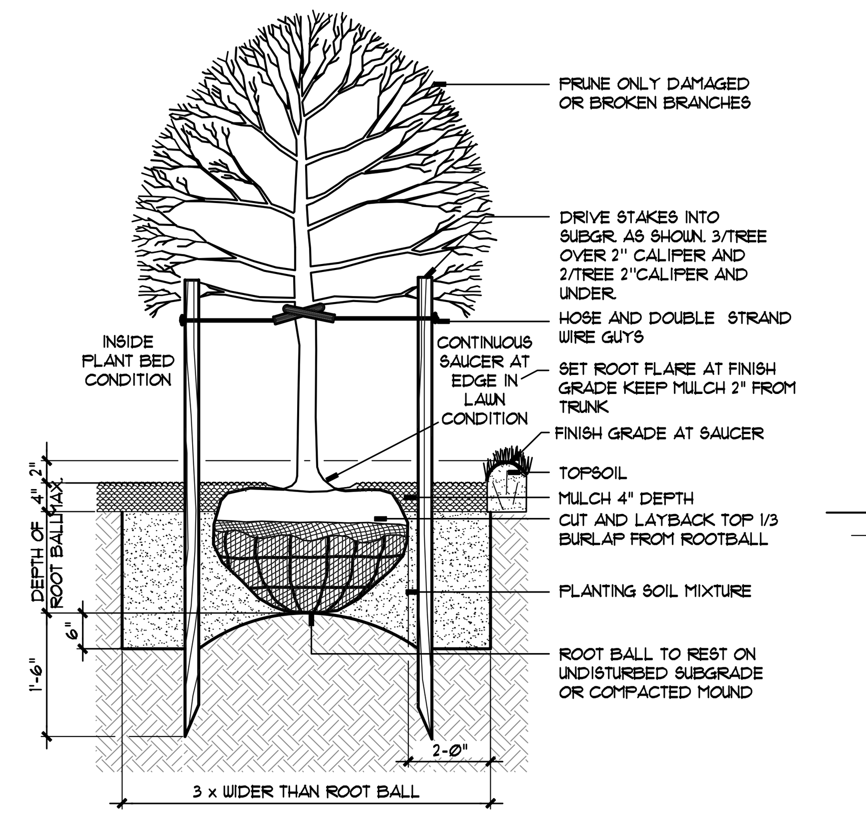
Revision: No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

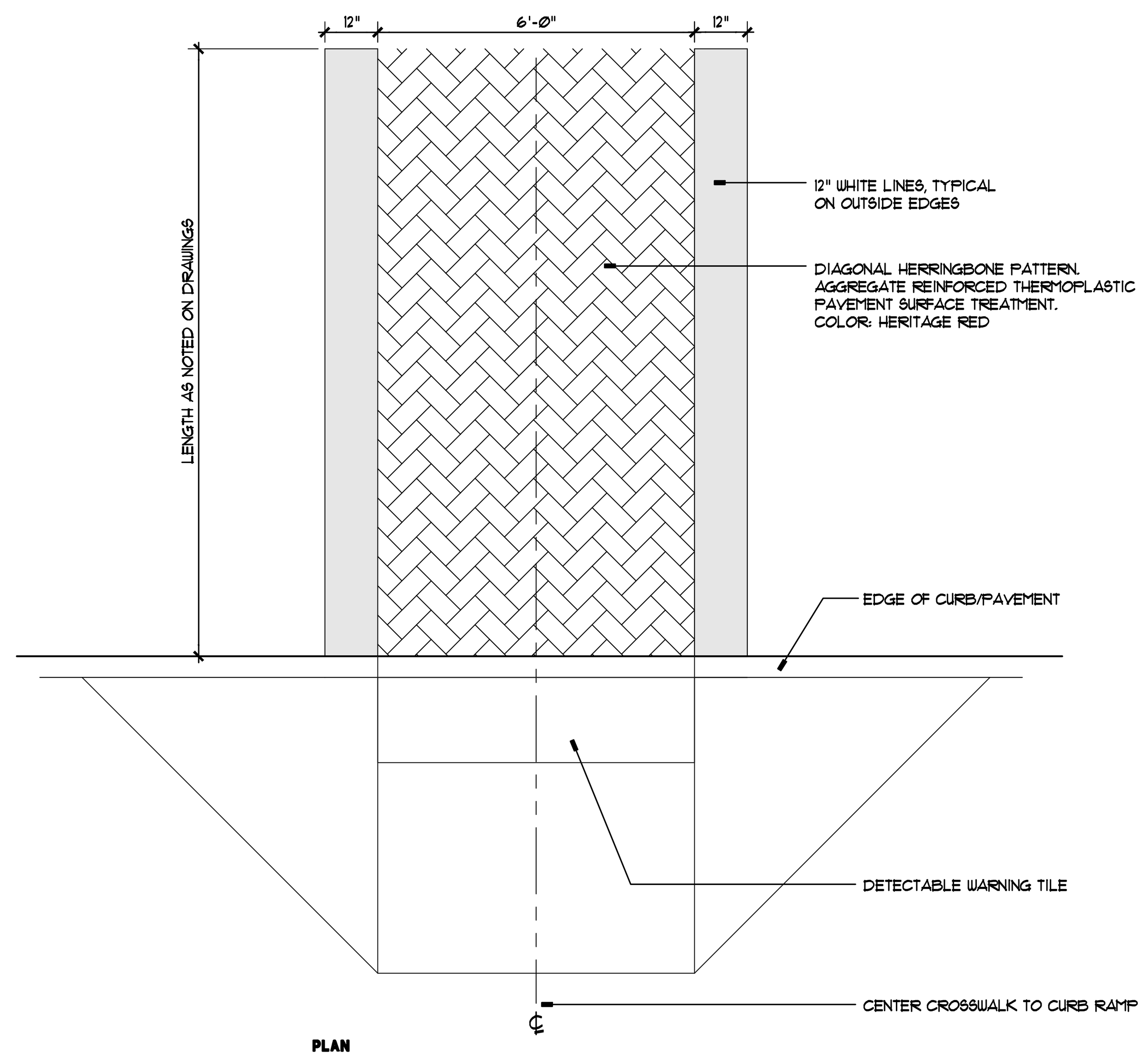
Date: 12-19-2025
Drawing Title: SITE DETAILS
Sheet Number: L7



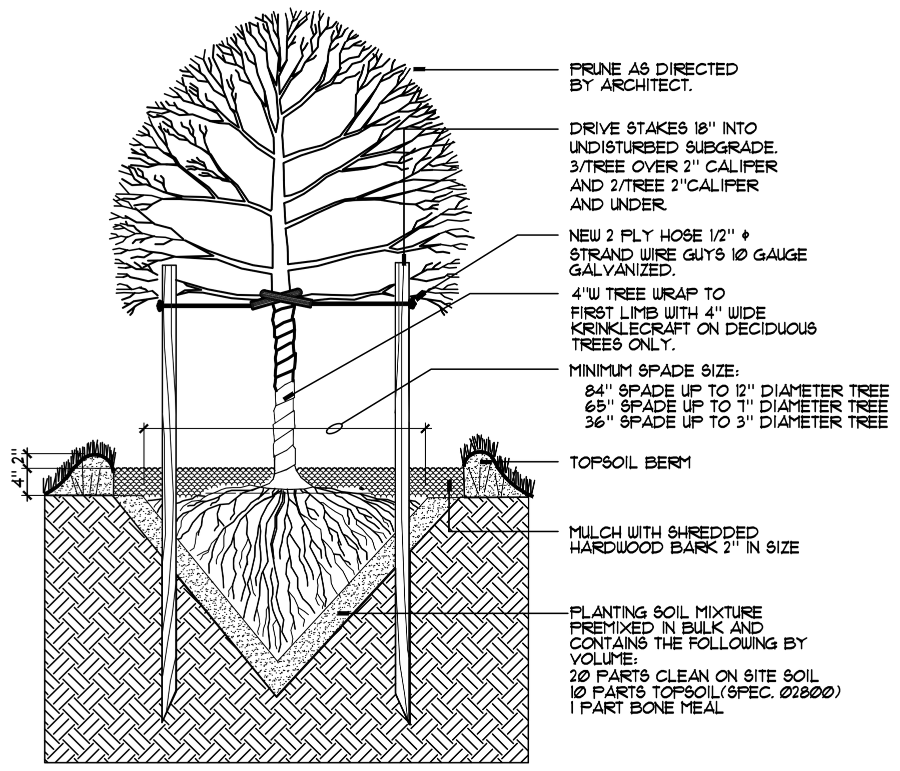
9 / L8 — RAIN GARDEN
1/4" = 1'-0" — RAINGARDEN SECTION



6 / L8 — DECIDUOUS TREE PLANTING - SINGLE STEM
SECTION • NOT TO SCALE — 290-001

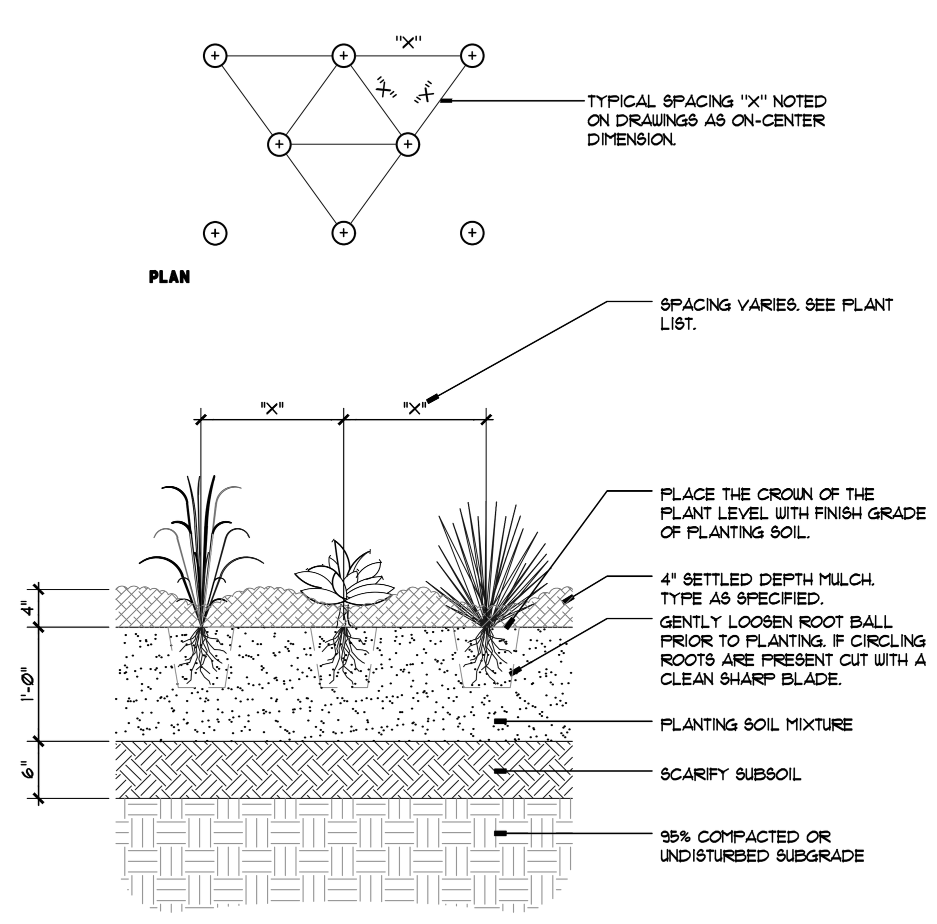


3 / L8 — CROSSWALK THERMOPLASTIC SYSTEM
SECTION • NOT TO SCALE — Crosswalk



NOTE: FERTILIZE WITH WATER SOLUABLE STARTER FERTILIZER AND PLANT FOOD 10-52-17 CONTAINING NO SULFATE OR CHLORIDE SALTS. QUANTITY PER MANUFACTURERS RECOMMENDATION PER SIZE OF TREE.

12 / L8 — SPADE TRANSPLANT TREE
SECTION • NOT TO SCALE — 290-006



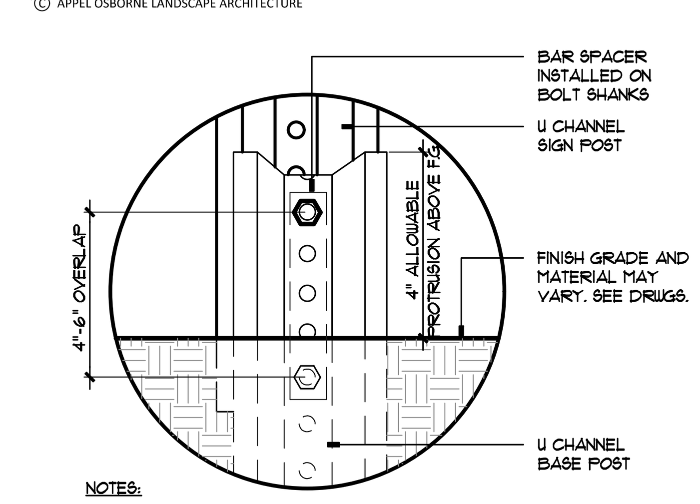
NOTE: PLANT BULBS IN TRENCHES AND BOUQUET PLANTING GROUPS.

8 / L8 — GROUNDCOVER PLANT SPACING
SECTION • NOT TO SCALE — 290-010

SIGN SCHEDULE	MOUNTING HEIGHT**
A RESERVED HANDICAPPED PARKING	7'-0"
B NO PARKING ANYTIME	7'-0"
C STOP	7'-0"
D SUNY CORTLAND FACULTY PARKING	7'-0"

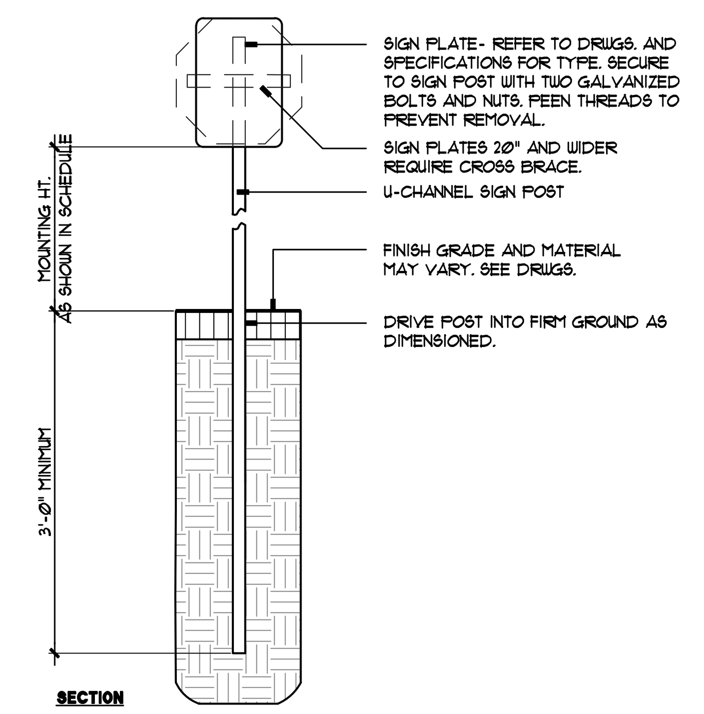
**ALL DIMENSIONS ARE TO BOTTOM OF SIGN PLATE. VERIFY WITH OWNER PRIOR TO INSTALLATION.

5 / L8 — TRAFFIC SIGN SCHEDULE
SECTION • NOT TO SCALE — 3230-003A

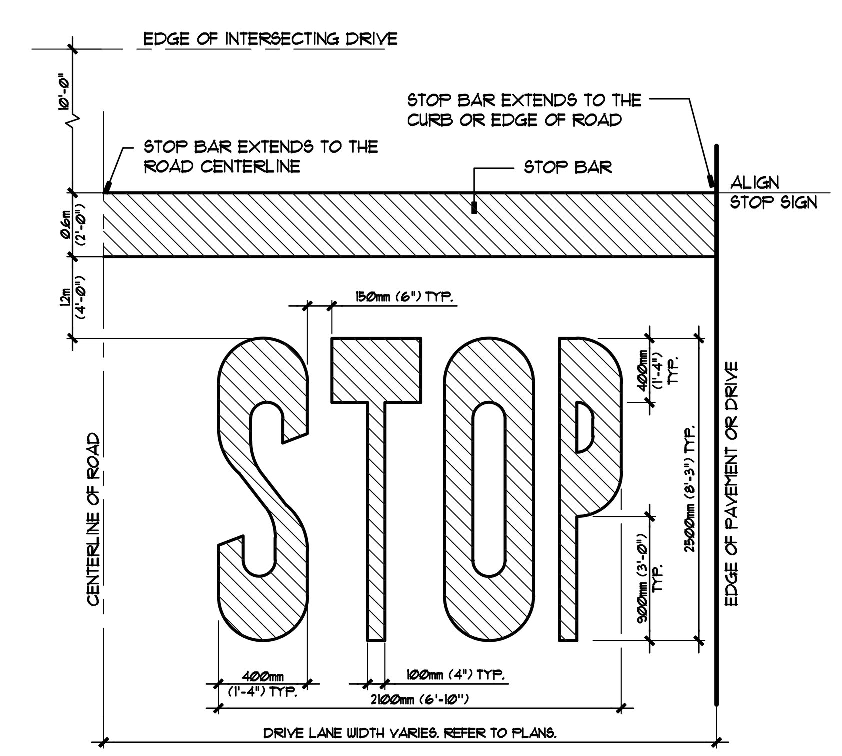


NOTES:
1. LOCATE SIGN MINIMUM 3'-0" FROM CURB OR EDGE OF PAVEMENT TO PREVENT CARS FROM HITTING SIGN POST WITH BUMPER.
2. COORDINATE LOCATION TO AVOID UNDERGROUND UTILITIES.
3. BREAK-AWAY SYSTEM SHALL BE FHWA APPROVED.

BREAK AWAY SYSTEM

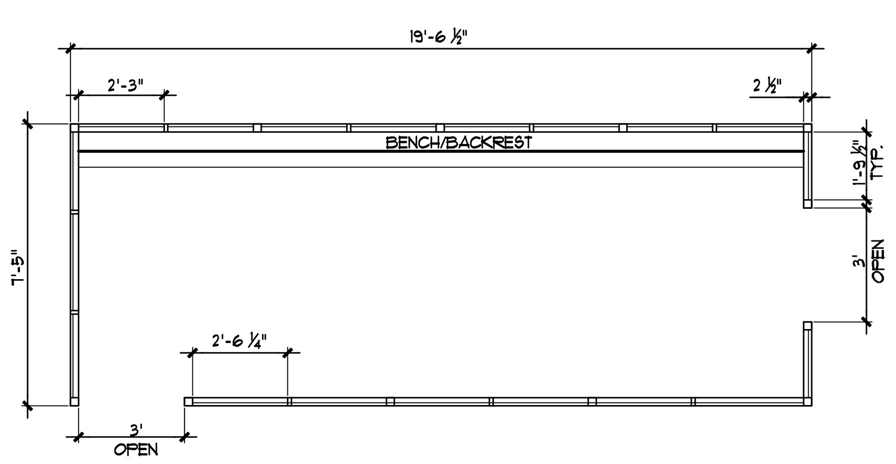


4 / L8 — TRAFFIC SIGN BASE
SECTION • NOT TO SCALE — 3230-003A

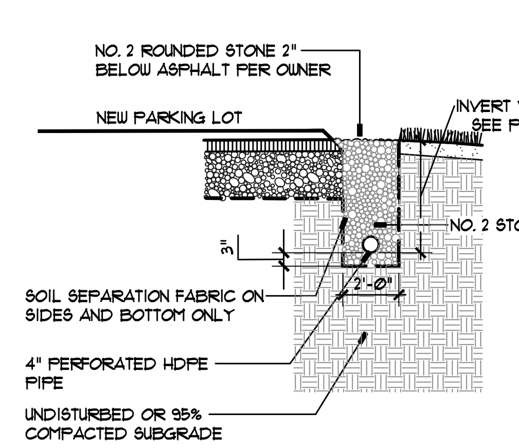


NOTES:
1. ALL PAINTED LINES ARE TO BE SOLID PAINTED IN APPEARANCE AND CONFORM TO NYSDOT STANDARDS.
2. COLOR SHALL BE WHITE. TWO COATS AS SPECIFIED.
3. CENTER ENTIRE SYMBOL IN DRIVE LANE
4. LAYOUT ALL MARKINGS IN FIELD AND OBTAIN APPROVAL FROM OWNER AND ARCHITECT PRIOR TO PAINTING.
5. TEXT MARKING "STOP" SHALL BE CENTERED ON STOP BAR.
6. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE NYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

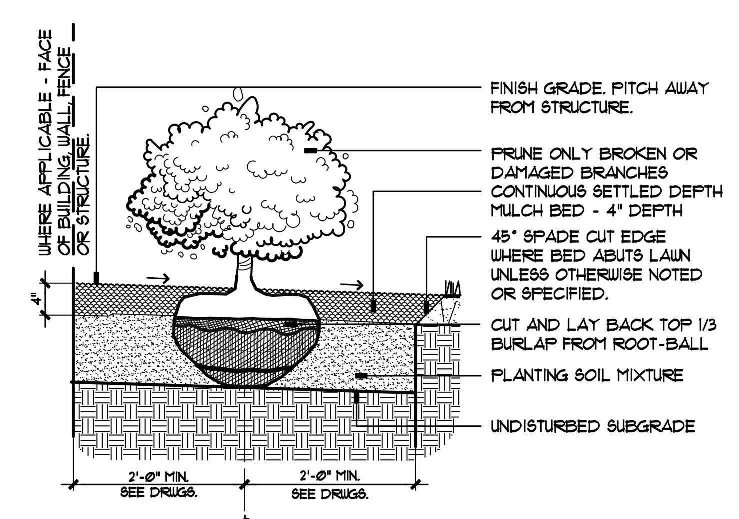
2 / L8 — PAVEMENT MARKING - STOP BAR AND TEXT
PLAN • NOT TO SCALE — 3230-012



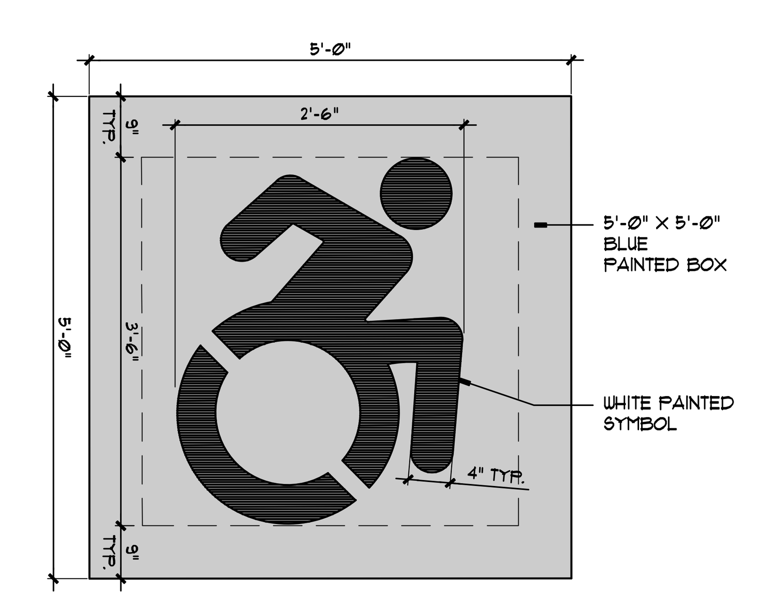
11 / L8 — BUS SHELTER
NOT TO SCALE — BUS SHELTER



10 / L8 — GRAVEL DRIP STRIP
SECTION • NOT TO SCALE — GRAVEL DRIP STRIP



7 / L8 — SHRUB PLANTING
SECTION • NOT TO SCALE — 290-002



1 / L8 — PAINTED RESERVE PARKING SYMBOL
PLAN • NOT TO SCALE — 3230-008A

appel osborne landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision: No.	Date:	Issued For:

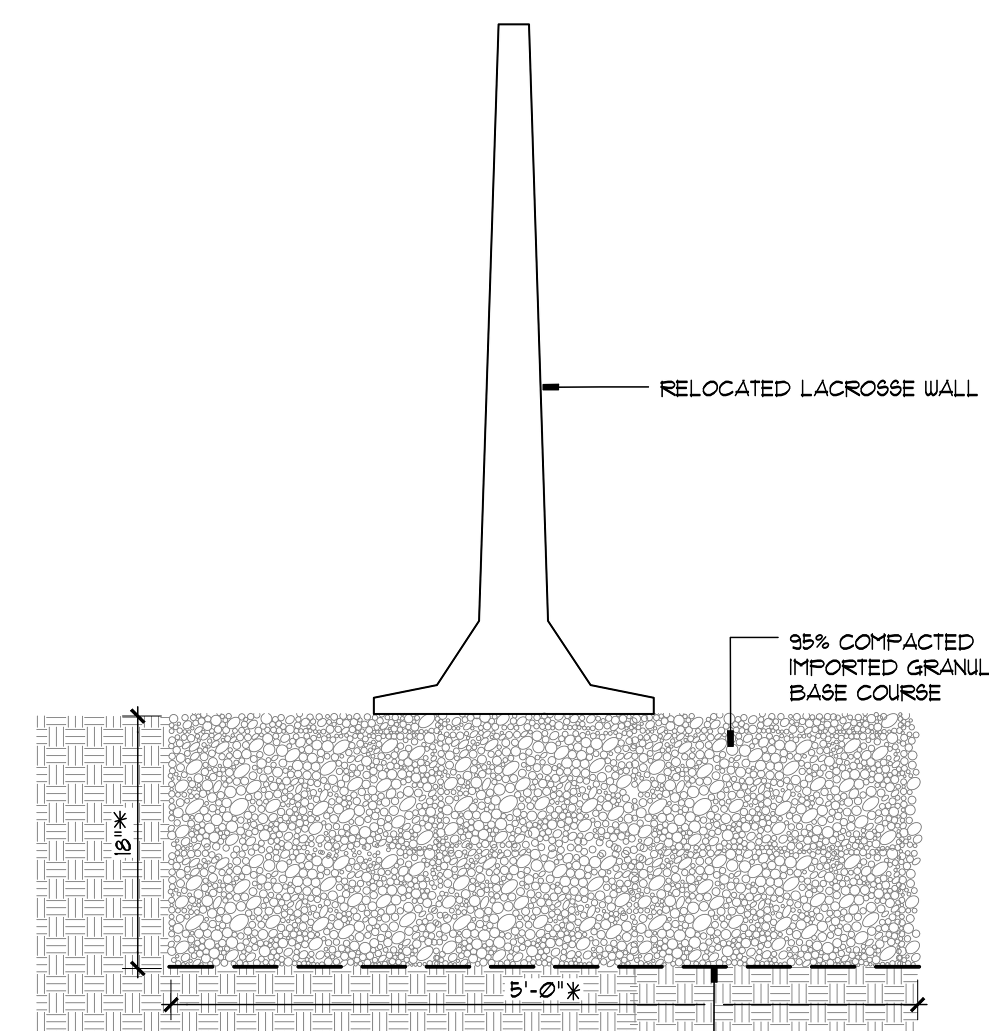
Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025
Drawing Title: SITE DETAILS
Sheet Number: L8

SUNY-CORTLAND SOUTH CAMPUS PARKING LOT - LACROSSE WALL RELOCATION PLAN

0 30 60 120 180
SCALE IN FEET

EXISTING LACROSSE WALL



*GRAVEL PAD TO BE: 5'-0" x 25'-0" x 18"

1 / L9	**GRAVEL PAD**	
	SECTION • NOT TO SCALE	GRAVEL PAD

appel osborne
landscape architecture
BUFFALO | SYRACUSE | TROY

Seal:

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	HB
Checked By:	TB
Scale:	AS SHOWN

Date: 12-19-2025

Drawing Title: LACROSSE WALL RELOCATION PLAN

Sheet Number: L9

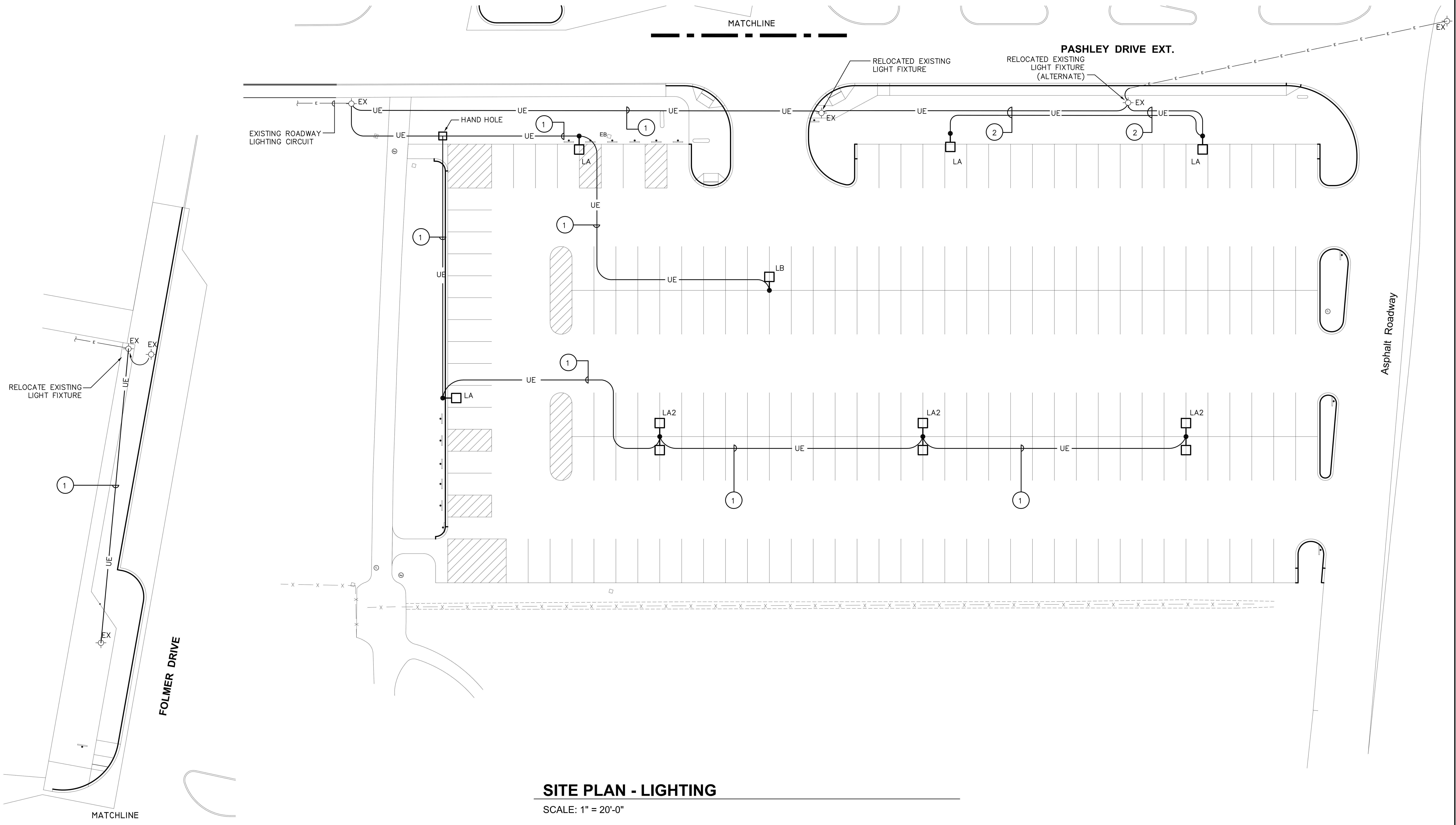
KEYED NOTES:

1. PROVIDE DUCTBANK WITH (1) 1" CONDUIT.
2. PROVIDE DUCTBANK WITH (2) 1" CONDUITS.

GENERAL NOTES:

A. PROVIDE (2)#10 & #10 GND. IN 1" CONDUIT ON THIS PLAN UNLESS NOTED OTHERWISE.

B. PROVIDE DUCTBANKS INDICATED ON THIS PLAN WITH (1) 1" CONDUIT UNLESS NOTED OTHERWISE.



SITE PLAN - LIGHTING

SCALE: 1" = 20'-0"

0 10 20 40 60
SCALE IN FEET

SHOWN FOR COORDINATION, N.I.C.

appel osborne

RAM-TECH ENGINEERS
Syracuse, NY • Buffalo, NY • Philadelphia, PA
RAM-TECH Engineers of Syracuse, P.C.
phone: 315-463-7716
fax: 315-463-7758
www.ramtechengineers.com

Seal:
STATE OF NEW YORK
No. 066343
LICENSED PROFESSIONAL ENGINEER
RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 25020
Signed on: 12/17/2025

SOUTH CAMPUS PARKING LOT
SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

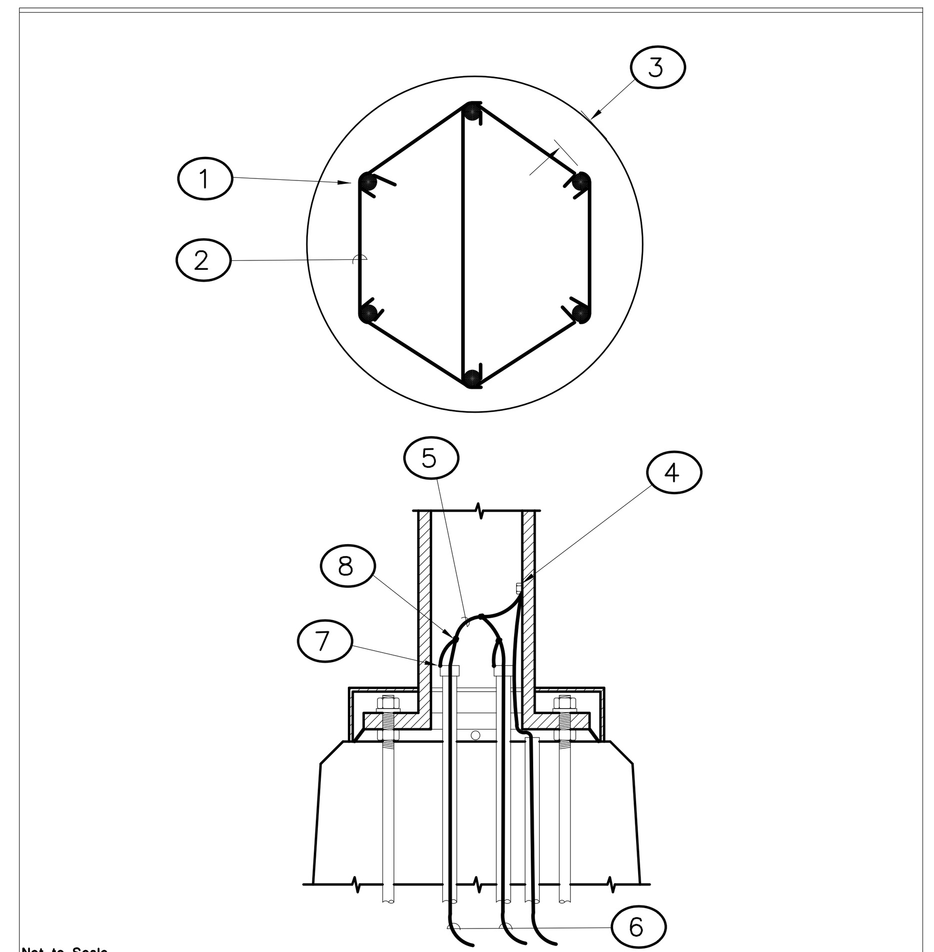
Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	FAR
Checked By:	TAM
Scale:	AS SHOWN

Date: 12-19-2025
Drawing Title: SITE PLAN - LIGHTING
Sheet Number: ES100

P:\25020\ELEC\25020 ES100-SITE PLAN.dwg, 12/18/2025 11:58:19 AM



Not to Scale

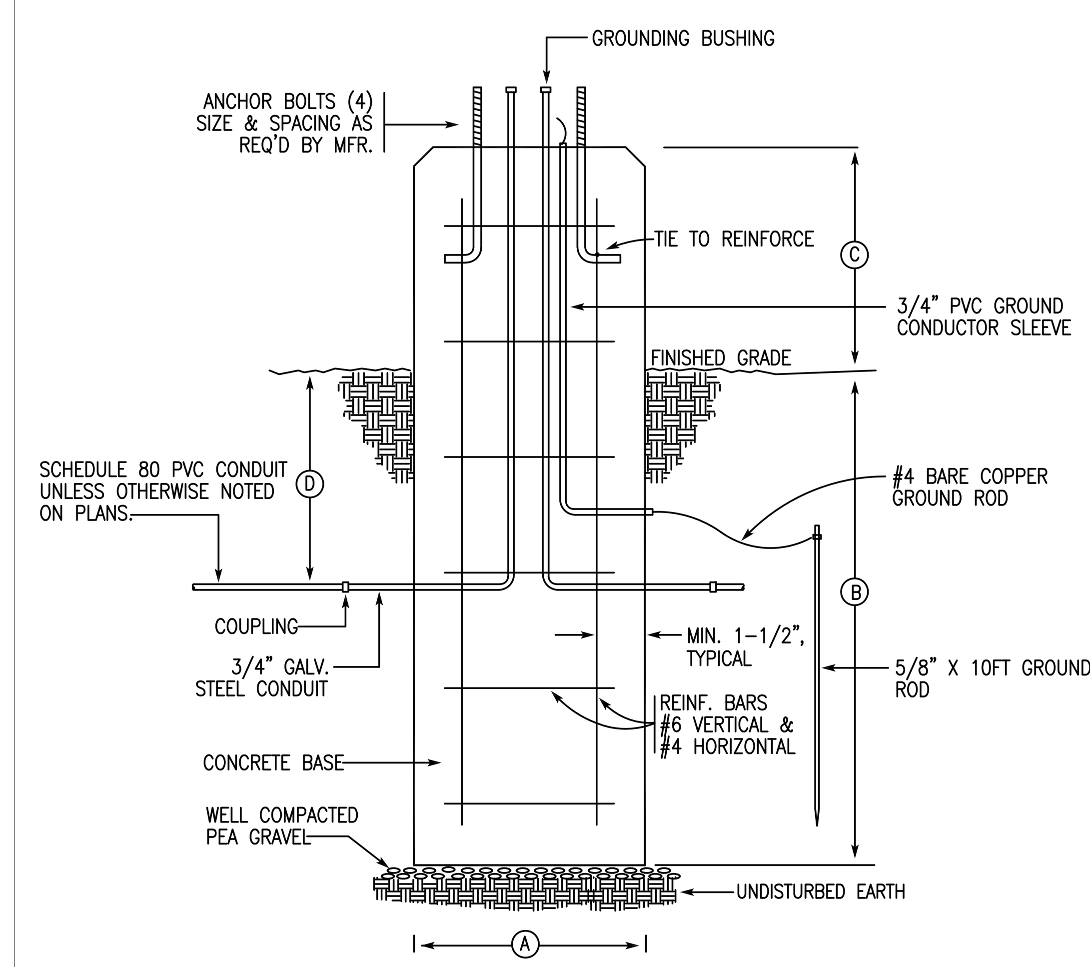
Mark	Description
1	6-#6 BARS
2	#3 TIES ON 12 INCH CENTERS.
3	2 INCH CLEARANCE ALL AROUND.
4	GROUNDING LUG.
5	#8 COPPER BONDING CONDUCTOR.
6	EQUIPMENT GROUNDING CONDUCTOR (GREEN) SAME SIZE AS PHASE/NEUTRAL.
7	INSULATED GROUNDING BUSHING.
8	INDENT TYPE SPLICE CONNECTOR.

GENERAL NOTE: ALL DEVICES SHALL BE LISTED FOR APPLICATION.

SITE LIGHTING CONCRETE BASE - TYPICAL REINFORCEMENT & GROUNDING

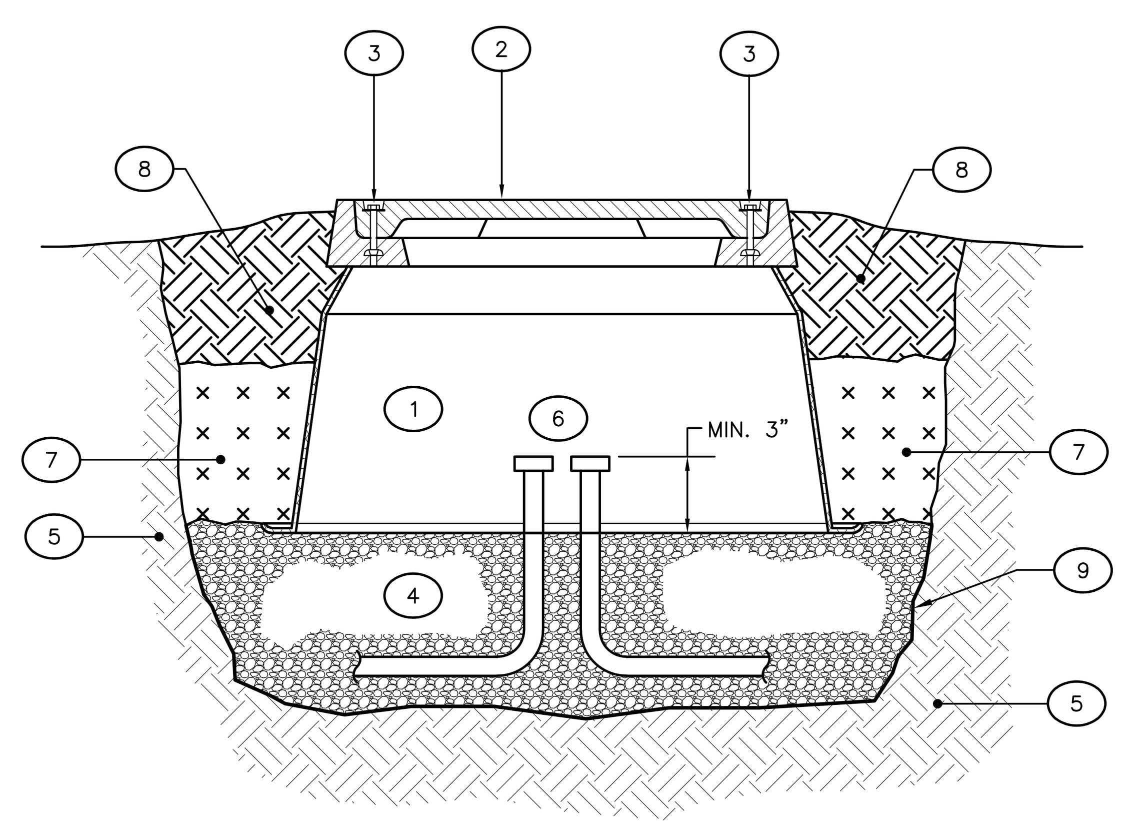
DIMENSIONS

FIXTURE TYPE	A	B	C	D
LA	24"DIA.	48"	30"	30"
LA2	24"DIA.	48"	30"	30"
LB	24"DIA.	48"	30"	30"



Not to Scale

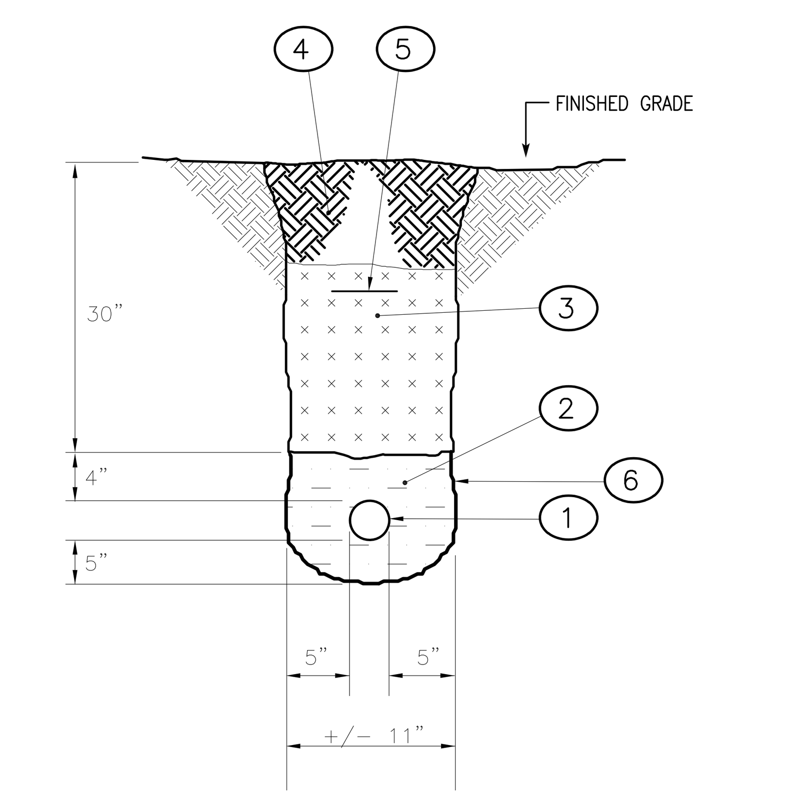
LIGHT POLE BASE DETAIL



Not to Scale

Mark	Description
1.	HEAVY DUTY RATED, POLYMER CONCRETE & FIBER REINFORCED POLYESTER CLOSED BOTTOM PULL BOX, SIZE AS SPECIFIED.
2.	ONE-PIECE, BOLTING COVER OF EXTRA HEAVY DUTY RATING & LABELED "ELECTRIC".
3.	STAINLESS STEEL CAPTIVE BOLTS, TYPICAL OF TWO.
4.	SET PULL BOX IN 12" OF 95% COMPACTED IMPORTED GRANULAR BACKFILL OVER UNDISTURBED EARTH.
5.	UNDISTURBED EARTH.
6.	KNOCKOUTS OR CONDUITS PER PLANS &/OR SCHEDULES. SEAL CONDUIT OPENING.
7.	BACKFILL: 95% COMPACTION IMPORTED GRANULAR BACKFILL. BACKFILL SHALL BE FREE OF ROCKS, DEBRIS, ETC. FINISH SHALL MATCH FINAL SURROUNDING CONDITIONS, IE. TOPSOIL & GRASS, SIDEWALK, ETC.
8.	FINISH SHALL MATCH FINAL SURROUNDING CONDITIONS (PAVING, TOPSOIL, GRASS, SIDEWALK, ETC.).
9.	SOIL STABILIZATION GEO-TEXTILE FABRIC.

SITE LIGHTING HAND HOLE



Not to Scale

Mark	Description
1.	CONDUIT, 1" SCHEDULE 80 PVC (UNLESS OTHERWISE INDICATED). CONDUIT QUANTITY AS INDICATED ON PLANS, SCHEDULES, DIAGRAMS, ETC.
2.	3" SAND BED UNDER GRASSY AREAS, PARKING LOTS AND ROADWAYS.
3.	BACKFILL. 95% COMPACTION IMPORTED GRANULAR BACKFILL. BACKFILL MATERIAL SHALL BE FREE OF ROCKS, DEBRIS, ETC.
4.	FINISH SHALL MATCH FINAL SURROUNDING CONDITIONS (PAVING, TOPSOIL, GRASS, SIDEWALK, ETC.).
5.	MARKING TAPE 12" BELOW GRADE.
6.	SOIL STABILIZATION GEO-TEXTILE FABRIC.

DIRECT BURIED SITE LIGHTING CONDUIT

SHOWN FOR COORDINATION, N.I.C.

appel osborne

RAM-TECH ENGINEERS
Syracuse, NY • Buffalo, NY • Philadelphia, PA
RAM-TECH Engineers of Syracuse, P.C.
phone: 315-463-7716
fax: 315-463-7758
www. ramtechengineers.com

Seal:

STATE OF NEW YORK
RAM RAMAN
No. 066343
LICENSED PROFESSIONAL ENGINEER

RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 25020
Signed on: 12/17/2025

SOUTH CAMPUS PARKING LOT

SUNY CORTLAND

8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	FAR
Checked By:	TAM
Scale:	AS SHOWN

Date: 12-19-2025

Drawing Title: DETAILS

Sheet Number: E-500

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE/ DRIVER	LUMENS	WATTAGE	MOUNTING	NOTES
LA	14.75"Wx28.25'Lx2.75"H LED SPECIFICATION GRADE AREA LUMINAIRE, TYPE 3 DIST., BRONZE	US ARCHITECTURAL RAZAR RZR–PLED–III–M–40LED–525mA–40K–HS OR APPROVED EQUAL	LED, 4000 DEG. K	277 VOLT	7512	64.8	25' ROUND TAPERED ALUMINUM POLE	
LA2	(2)14.75"Wx28.25'Lx2.75"H LED SPECIFICATION GRADE AREA LUMINAIRES, TYPE 3 DIST., BRONZE	US ARCHITECTURAL RAZAR RZR–PLED–III–M–40LED–525mA–40K–HS OR APPROVED EQUAL	LED, 4000 DEG. K	277 VOLT	15024	129.6	25' ROUND TAPERED ALUMINUM POLE	(2) FIXTURES AT 180 DEG.
LB	14.75"Wx28.25'Lx2.75"H LED SPECIFICATION GRADE AREA LUMINAIRE, TYPE 4 DIST., BRONZE	US ARCHITECTURAL RAZAR RZR–PLED–IV–FT–M–40LED–525mA–40K–HS OR APPROVED EQUAL	LED, 4000 DEG. K	277 VOLT	7512	64.8	25' ROUND TAPERED ALUMINUM POLE	

ELECTRICAL SYMBOL LIST

SOLID LIGHT LINEWORK INDICATES EXISTING TO REMAIN

CROSSHATCHED LIGHT LINEWORK INDICATES EXISTING TO BE REMOVED

SOLID HEAVY LINEWORK INDICATES NEW

BRANCH WIRING SAME AS ASSOCIATED BRANCH WIRING TO POWER SOURCE UNLESS OTHERWISE INDICATED.

LA

LUMINAIRE. LETTER INDICATES TYPE. REFER TO LUMINAIRE SCHEDULE ON DRAWING THIS DRAWING.

ELECTRICAL ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BKR	BREAKER
C	CONDUIT
EX	EXISTING
ETR	EXISTING TO REMAIN
G, GND	GROUND
NL	NIGHT LIGHT
V	VOLT
W	WIRE
UE	UNDERGROUND ELECTRIC
E	EXISTING UNDERGROUND ELECTRIC

SHOWN FOR COORDINATION, N.I.C.

appel osborne

RAM-TECH ENGINEERS
Syracuse, NY • Buffalo, NY • Philadelphia, PA
RAM-TECH Engineers of Syracuse, P.C.
phone: 315-463-7716
fax: 315-463-7758
www.ramtechengineers.com

Seal:
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
No. 066343
RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 25020
Signed on: 12/17/2025

SOUTH CAMPUS PARKING LOT
SUNY CORTLAND
8 FOLMER DRIVE
CORTLAND, NEW YORK

Revision:

No.	Date:	Issued For:

Project Number:	20240058
Drawn By:	FAR
Checked By:	TAM
Scale:	AS SHOWN

Date: 12-19-2025

Drawing Title: SCHEDULE & SYMBOLS

Sheet Number: E-900