GASTRO HEALTH CLINIC

COUNTY OF ALBEMARLE, VIRGINIA

FINAL SITE PLAN

FSP-2025-00132

03/12/2026

SITE DATA:

TAX MAP PARCEL AND OWNER INFO:	WORRELL LAND & DEVELOPMENT P O BOX 5386 CHARLOTTESVILLE VA, 22905
PARCEL ID:	07800-00-00-020C8
TOTAL SITE AREA:	3.94 ACRES
LIMITS OF DISTURBANCE:	3.00 ACRES
EXISTING IMPERVIOUS AREA:	0.00 ACRES
PROPOSED IMPERVIOUS AREA:	1.56 ACRES
SOURCE OF SURVEY, BOUNDARY, AND TOPOGRAPHY:	LINCOLN SURVEYING 632 BERKMAR CIRCLE CHARLOTTESVILLE, VA 24901 (434) 974-1417 CONDUCTED:
HORIZONTAL DATUM REFERENCE:	NAD83, VIRGINIA STATE GRID, SOUTH ZONE
VERTICAL DATUM REFERENCE:	NAVD88
UTILITIES:	WATER: ACSA; SANITARY SEWER: ACSA
WATERSHED:	MIDDLE RIVANNA RIVER
CURRENT USE:	VACANT
PROPOSED USE:	HEALTHCARE FACILITY
ZONING:	PLANNED DEVELOPMENT MIXED COMMERCIAL PROFFERED WITH ZMA-200100015
OVERLAY DISTRICT:	ENTRANCE CORRIDOR STEEP SLOPES - PRESERVED
MAGISTERIAL DISTRICT:	SCOTTSVILLE DISTRICT
SETBACKS:	BUILDING: 30' MIN. PARKING: 10' MIN. REAR: 0' MIN.
PROPOSED SQUARE FOOTAGE:	20,015 SF
BUILDING CONSTRUCTION TYPE:	IIB
FIRE FLOW REQUIRED:	1,000 GPM
PROPOSED BUILDING HEIGHT:	29 FT
PROPOSED PARKING SPACES:	80 SPACES
PARKING REQUIRED (MEDICAL OFFICE):	ONE SPACE PER 200 SF NET AREA (80% GROSS AREA) 20,000 SF * 80% / 200 = 80 SPACES
REQUIRED ADA SPACES:	4 SPACES
PROVIDED ADA SPACES:	6 SPACES

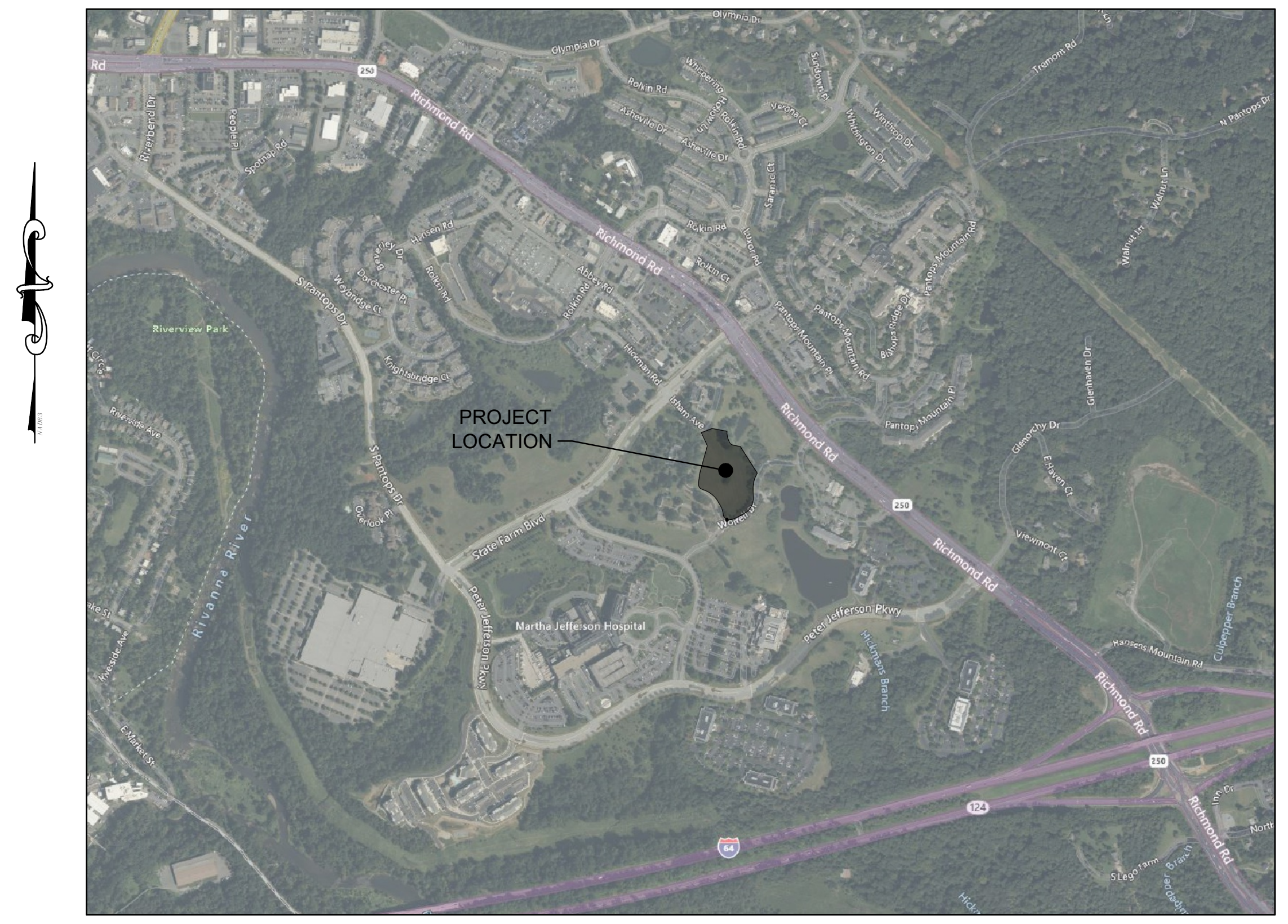
WETLANDS: THERE ARE NO WETLAND IMPACTS PROPOSED WITH THIS PROJECT.

FLOODPLAIN: THIS PROPERTY IS NOT LOCATED WITHIN ANY IDENTIFIED FLOODPLAIN.

STEEP SLOPES: THERE ARE MANAGED AND PRESERVED STEEP SLOPES LOCATED WITHIN THE PARCEL AS SHOWN ON SHEET C2.0 AND C5.0.

LAND USE TABLE (PER ZMA200100015)

PARCEL	ACREAGE	PROGRAM	MAX ALLOWED (SF)	SF EXISTING	SF PROPOSED	SF TOTAL
D	20.98	FOUNDATION CAMPUS - OFFICE	100,000	35,450	20,000	55,450
		FOUNDATION CAMPUS - BANK	4,500	4,500	0	4,500



VICINITY MAP

SCALE: 1" = 1,000'

OWNER:

WORRELL LAND & DEVELOPMENT
PO BOX 5386
CHARLOTTESVILLE, VA 22905

DEVELOPER:

FLAGLER HEALTHCARE SOLUTIONS
2 S. BIXCAYNE BLVD - 32ND FLOOR
MIAMI, FL 33131

ENGINEER OF RECORD:

TIMMONS GROUP
608 PRESTON AVENUE, SUITE 200
CHARLOTTESVILLE, VA 22903
CONTACT: JONATHAN SHOWALTER, P.E.
434-327-1681
JONATHAN.SHOWALTER@TIMMONS.COM

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TOTAL: 23 SHEETS

SIGNATURE PANEL:

	APPROVAL	DATE
DEPARTMENT OF COMMUNITY DEVELOPMENT		
PLANNING & ZONING		
ENGINEERING		
INSPECTIONS		
ARCHITECTURAL REVIEW BOARD		
DEPARTMENT OF FIRE AND RESCUE		
ALBEMARLE COUNTY SERVICE AUTHORITY		
VIRGINIA DEPARTMENT OF TRANSPORTATION		
HEALTH DEPARTMENT		

Design for *LIFE*

ARCHITECT:
Bermello, Ajamil & Partners, LLC
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Coral Gables, FL 33146
P: 305.859.2050

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Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 0780000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

TITLE:
COVER SHEET

Project No: 02496.000
Date: 3/12/2026
Scale: N/A
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
C0.0

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR AS BUILT DOCUMENTATION, AS REQUIRED BY THE LOCALITY. THIS INCLUDES, BUT IS NOT LIMITED TO, TESTING, INSTALLATION DOCUMENTATION, SURVEY, ETC. ALL REQUIREMENTS SHALL BE DISCUSSED WITH THE LOCALITY PRIOR TO THE BEGINNING CONSTRUCTION.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS AND STANDARDS.
3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONSULT THE ENGINEER AND VERIFY THE APPROVAL OF THE PLANS BY ALL FEDERAL, STATE AND LOCAL AGENCIES.
4. LAND USE PERMITS (LUP-A) MUST BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE EXISTING STATE MAINTAINED RIGHT OF WAY (INCLUDING ACCESS).
5. VDOT IS TO RECEIVE WRITTEN NOTIFICATION 48 HOURS PRIOR TO COMMENCING WITH INITIAL CONSTRUCTION ACTIVITIES.
6. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATERLINES, ETC, PRIOR TO CONSTRUCTION.
7. UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE OWNER'S REPRESENTATIVE, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
8. ALL STORM SEWER DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH VDOT STANDARDS.
9. ALL STORM SEWER PIPE SHALL BE REINFORCED TONGUE AND GROVE CONCRETE PIPE IN ACCORDANCE WITH ASTM-C-76. PIPE WITHIN THE RIGHT OF WAY SHALL BE MINIMUM CLASS III OR GREATER IN ACCORDANCE WITH CURRENT VDOT STANDARDS AND SPECIFICATIONS.
10. IF PRE-CAST UNITS ARE TO BE USED, VDOT SHALL BE NOTIFIED AND THE MANUFACTURER SHALL SUBMIT DRAWING DETAILS FOR REVIEW. CERTIFICATION AND VDOT STAMP WILL BE REQUIRED ON ALL UNITS.
11. ALL CONCRETE SHALL BE A3-AE (AIR ENTRAINED 3,000 PSI), UNLESS OTHERWISE NOTED.
12. ALL ENTRANCES ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT VDOT STANDARDS.
13. DESIGN CHANGES, SPECIFIED MATERIALS CHANGES AND/OR FIELD CHANGES FROM THE APPROVED PLANS NEED TO BE RESUBMITTED TO THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. A LETTER OF EXPLANATION SHALL ACCOMPANY THE REVISED PLANS AND/OR THE DRAINAGE CALCULATIONS, WHICH MUST BE SUBMITTED AND APPROVED BY THE ENGINEER.
14. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001. THE OWNER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND/OR PROPOSED RIGHT-OF-WAY REQUIRED BY THE DEVELOPMENT.
15. CASING SLEEVES SHALL BE PLACED AT ALL ROAD CROSSINGS FOR GAS, POWER, TELEPHONE AND CABLE TV SERVICE TRUNK LINES.
16. THE INSTALLATION OF SEWER, WATER, AND GAS MAINS (INCLUDING SERVICE LATERALS AND SLEEVES) SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF AGGREGATE BASE COURSE.
17. VDOT & ALBEMARLE COUNTY APPROVAL OF CONSTRUCTION PLANS DOES NOT PRECLUDE THE RIGHT TO REQUIRE ADDITIONAL FACILITIES AS DEEMED NECESSARY.
18. VDOT SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT THE OWNER'S REPRESENTATIVE FOR INSPECTION FOR THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
19. A PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT THE RATE OF 0.30 GALLONS PER SQUARE YARD (REC-250 PRIME COAT) PER VDOT STANDARDS AND SPECIFICATIONS.
20. THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE ROAD AND BRIDGE SPECIFICATIONS.
21. THE OWNER'S REPRESENTATIVE SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT THE OWNER FOR INSPECTION FOR THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
22. A GEOTECHNICAL ENGINEER IS TO ASCERTAIN CAUSE AND CERTIFY RECOMMENDED METHOD OF REPAIR FOR ALL PAVEMENT STRUCTURAL FAILURES PRIOR TO STATE ACCEPTANCE.
23. ALL VEGETATION AND ORGANIC MATERIAL IS TO BE REMOVED FROM THE PROPOSED PAVEMENT LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.
24. CERTIFICATION AND SOURCE OF MATERIALS ARE TO BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR ALL MATERIALS AND BE IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS, AND ROAD AND BRIDGE STANDARDS.
25. APPROVAL OF A DETAILED CONSTRUCTION SEQUENCING/MAINTENANCE OF TRAFFIC NARRATIVE FOR THE WORK ZONE IS A PREREQUISITE FOR ISSUANCE OF A LAND USE PERMIT ALLOWING ACCESS TO AND CONSTRUCTION WITHIN VDOT MAINTAINED RIGHT OF WAY.
26. GRADE LINES ON PROFILES DENOTE FINISHED GRADE OF CENTER LINE OF ROAD. (N/A)
27. ALL APPROACH GUTTERS TO SAG INLETS SHALL MAINTAIN A MINIMUM SLOPE OF 0.004 ft./ft.
28. WHERE A TYPE "B" NOSE IS SPECIFIED ON AN INLET IN CONJUNCTION WITH ROLL FACE CURB AND GUTTER OR CG-7, THERE SHALL BE A 20' TRANSITION ON EACH SIDE OF THE INLET. (N/A)
29. CONTRACTOR SHALL PROVIDE A SEQUENCE OF CONSTRUCTION/MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH THE STANDARDS AND GUIDELINES CONTAINED IN THE 2011 EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUAL FOR REVIEW BY THE ENGINEER, OWNER'S REPRESENTATIVE, AND VDOT PRIOR TO STARTING WORK THAT IMPACTS TRAFFIC ON STATE ROADS.
30. ALL NEW HANDICAP ACCESSIBLE REQUIREMENTS ON-SITE AND WITHIN ALL NEW STRUCTURES SHALL COMPLY WITH THE 2021 UNIFORM STATEWIDE BUILDING CODE, 2021 VIRGINIA CONSTRUCTION CODE, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, AND ICC/ANSI A117.1-17.
31. THE CLEAR ZONE IS TO BE FREE OF STORED MATERIALS AND PARKED EQUIPMENT.
32. HORIZONTAL AND VERTICAL SIGHT DISTANCES SHALL BE FREE OF PARKED VEHICLES.
33. ALL EXCAVATED AREAS WITHIN THE CLEAR ZONE THAT HAVE A DEPTH GREATER THAN 6" SHALL HAVE A 6:1 STONE WEDGE PLACED AT THE END OF THE DAY.
34. VISIBILITY OF ALL MECHANICAL EQUIPMENT FROM THE ENTRANCE CORRIDOR SHALL BE ELIMINATED.
35. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT HAVE A SURFACE SLOPE GREATER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACE THEY SERVE. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ROUTE TO AN ACCESSIBLE PEDESTRIAN ENTRANCE TO THE PARKING FACILITY. WHERE BUILDINGS HAVE MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED NEAR THE ACCESSIBLE ENTRANCES. ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTE SHALL BE INSTALLED IN ACCORDANCE WITH ICC ANSI A117.1-17 AND THE 2021 VIRGINIA CONSTRUCTION CODE.
36. ALL ROOF DRAINS SHALL DISCHARGE IN A MANNER NOT TO CAUSE A PUBLIC NUISANCE AND NOT OVER SIDEWALKS.
37. ALL WATER, SEWER, AND FIRE LINES REQUIRE NEW INSPECTION AND TESTING PROCEDURES. THE ACSA PERFORMS ANY TESTING AND INSPECTIONS OF THE PUBLIC SEWER AND WATER MAIN(S). THE ALBEMARLE COUNTY BUILDING INSPECTIONS DEPARTMENT (ACBID) DOES A VISUAL INSPECTION AND WITNESSES THE TESTING OF THE BUILDING DRAIN, WATER SERVICE PIPE, AND THE SPRINKLER LEAD-IN CONNECTION. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE TO RETAIN A SPECIAL INSPECTOR AS OUTLINED IN THE UPDATED ALBEMARLE COUNTY POLICY FOR SITE UTILITIES TO PERFORM THE VISUAL INSPECTION AND TESTING OF ALL UTILITIES NOT COVERED BY THE ACSA OR ACBID. THIS INCLUDES BUILDING SEWERS, WATER AND FIRE LINE BRANCHES BETWEEN THE MAIN AND THE METER(S)/BUILDING(S). THE SPECIAL INSPECTOR'S REPORT MUST BE SUBMITTED AND APPROVED BY THE ALBEMARLE COUNTY ENGINEERING DEPARTMENT PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED.
38. CONTACT ACSA 3 DAYS PRIOR TO ESTABLISHING A CONNECTION TO THE ACSA WATER MAIN.

ALBEMARLE COUNTY ENGINEERING GENERAL CONSTRUCTION NOTES

1. PRIOR TO ANY CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT OF WAY, INCLUDING CONNECTION TO ANY EXISTING ROAD, A PERMIT SHALL BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT). THIS PLAN AS DRAWN MAY NOT ACCURATELY REFLECT THE REQUIREMENTS OF THE PERMIT. WHERE ANY DISCREPANCIES OCCUR THE REQUIREMENTS OF THE PERMIT SHALL GOVERN.
2. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO CURRENT SPECIFICATIONS AND STANDARDS OF VDOT.
3. EROSION AND SILTATION CONTROL MEASURES SHALL BE PROVIDED IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN AND MUST BE INSTALLED PRIOR TO ANY CLEARING, GRADING OR OTHER CONSTRUCTION.
4. ALL SLOPES AND DISTURBED AREAS ARE TO BE FERTILIZED, SEEDED AND MULCHED.
5. THE MAXIMUM ALLOWABLE SLOPE IS 2:1 (HORIZONTAL:VERTICAL). WHERE REASONABLY OBTAINABLE, LESSER SLOPES OF 3:1 OR BETTER ARE TO BE ACHIEVED.
6. PAVED, RIP-RAP OR STABILIZATION MAT LINED DITCH MAY BE REQUIRED WHEN IN THE OPINION OF THE COUNTY ENGINEER, OR DESIGNEE, IT IS DEEMED NECESSARY IN ORDER TO STABILIZE A DRAINAGE CHANNEL.
7. ALL TRAFFIC CONTROL SIGNS SHALL CONFORM WITH THE VIRGINIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.
8. UNLESS OTHERWISE NOTED ALL CONCRETE PIPE SHALL BE REINFORCED CONCRETE PIPE - CLASS III.
9. ALL EXCAVATION FOR UNDERGROUND PIPE INSTALLATION MUST COMPLY WITH OSHA STANDARDS FOR THE CONSTRUCTION INDUSTRY (29 CFR PART 1926).
10. RETAINING WALLS GREATER THAN 3 FEET IN HEIGHT REQUIRE A SEPARATE BUILDING PERMIT. WALLS EXCEEDING 4 FEET IN HEIGHT REQUIRE A STAMPED ENGINEERED DESIGN ALSO. SEGMENTAL WALLS REQUIRE RDP INSPECTIONS; OTHERS WILL REQUIRE INSPECTIONS AS OUTLINED IN THE USBC.
11. ALL WATER LINES, SEWER LINES, STORM DRAINS, AND FIRE LINES FROM THE MAIN TO THE STRUCTURE LOCATED ON PRIVATE PROPERTY MUST HAVE A VISUAL INSPECTION PERFORMED BY THE BUILDING DEPARTMENT.

BLASTING NOTES

1. BLASTING SHALL NOT BE PERMITTED ON THIS PROJECT.

CONSTRUCTION RECORD DRAWINGS NOTES

1. CONTRACTOR SHALL PROVIDE ALL INFORMATION REQUIRED FOR CONSTRUCTION RECORD DRAWINGS:

ALBEMARLE COUNTY STORMWATER MANAGEMENT NOTES

1. ALL DAMS AND CONSTRUCTED FILL TO BE WITHIN 95% OF MAXIMUM DRY DENSITY AND 2% OF OPTIMUM MOISTURE CONTENT. ALL FILL MATERIAL TO BE APPROVED BY A GEOTECHNICAL ENGINEER. A GEOTECHNICAL ENGINEER IS TO BE PRESENT DURING CONSTRUCTION OF DAMS.
2. PIPE AND RISER JOINTS ARE TO BE WATERTIGHT WITHIN STORMWATER MANAGEMENT FACILITIES.
3. FOR TEMPORARY SEDIMENT TRAPS OR BASINS WHICH ARE TO BE CONVERTED TO PERMANENT STORMWATER MANAGEMENT FACILITIES; CONVERSION IS NOT TO TAKE PLACE UNTIL THE SITE IS STABILIZED, AND PERMISSION HAS BEEN OBTAINED FROM THE COUNTY EROSION CONTROL INSPECTOR.

ALBEMARLE COUNTY FIRE PREVENTION NOTES

1. SMOKING SHALL BE PROHIBITED IN AREAS WHERE SMOKING MAKES CONDITIONS A HAZARD AND THESE AREAS SHALL BE DESIGNATED WITH "NO SMOKING" SIGNS PER THE VIRGINIA STATEWIDE FIRE PREVENTION CODE.
2. AREAS WHERE SMOKING CAN OCCUR SHALL HAVE APPROPRIATE RECEPTACLES FOR DISCARDED SMOKING MATERIALS PER THE VIRGINIA STATEWIDE FIRE PREVENTION CODE.
3. PER THE VIRGINIA STATEWIDE FIRE PREVENTION CODE, VEHICULAR ACCESS FOR FIREFIGHTING SHALL BE PROVIDED AT ALL CONSTRUCTION AND DEMOLITION SITES. PROVIDE ACCESS TO WITHIN 100' OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS AND HAVE NO OVERHEAD WIRING OR OTHER OVERHEAD OBSTRUCTIONS LOWER THAN 13'-6". THIS ACCESS MA BE VIA PERMANENT OR TEMPORARY ROAD, BUT SHALL BE CAPABLE OF SUPPORTING FIRE APPARATUS IN ALL WEATHER CONDITIONS.
4. CONTRACTOR SHALL ENSURE THE STREET NUMBERS ARE PLAINLY VISIBLE FROM THE FRONTAGE STREET DURING CONSTRUCTION PER THE VIRGINIA STATEWIDE FIRE CODE.
5. AN APPROVED WATER SUPPLY FOR FIREFIGHTING OPERATIONS SHALL BE IN PLACE AND AVAILABLE AS SOON AS COMBUSTIBLE MATERIALS ARRIVE ON SITE.
6. WASTE AND COMBUSTIBLE DEBRIS SHALL BE REMOVED FROM THE BUILDING AT THE END OF EACH DAY AND DISPOSED OF IN ACCORDANCE WITH THE VIRGINIA STATEWIDE FIRE CODE.
7. FIRE EXTINGUISHERS SHALL BE PROVIDED, ON ALL FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED (WITH NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER AT EACH STAIRWELL), IN EVERY STORAGE AND CONSTRUCTION SHED, AND IN AREAS OF SPECIAL HAZARDS, SUCH AS WHERE FLAMMABLE AND COMBUSTIBLE LIQUIDS ARE STORED OR USED, IN ACCORDANCE WITH THE VIRGINIA STATEWIDE FIRE CODE.
8. OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL COMPLY WITH THE VIRGINIA STATEWIDE FIRE PREVENTION CODE AND SHALL REQUIRE A PERMIT FROM THE ALBEMARLE COUNTY FIRE MARSHAL'S OFFICE.
9. ALL FIRE HOSE THREADS SHALL BE C & O TYPE.

GENERAL CONSTRUCTION NOTES FOR EROSION AND SEDIMENT CONTROL

1. THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
4. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
7. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
8. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
9. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
10. ALL FILL MATERIAL TO BE TAKEN FROM AN APPROVED, DESIGNATED BORROW AREA.
11. ALL WASTE MATERIALS SHALL BE TAKEN TO AN APPROVED WASTE AREA. EARTH FILL SHALL BE INERT MATERIALS ONLY, FREE OF ROOTS, STUMPS, WOOD, RUBBISH, AND OTHER DEBRIS.
12. BORROW OR WASTE AREAS ARE TO BE RECLAIMED WITHIN 7 DAYS OF COMPLETION PER ZONING ORDINANCE SECTION 5.1.28.
13. ALL INERT MATERIALS SHALL BE TRANSPORTED IN COMPLIANCE WITH SECTION 13-301 OF THE CODE OF ALBEMARLE.
14. BORROW, FILL OR WASTE ACTIVITY INVOLVING INDUSTRIAL-TYPE POWER EQUIPMENT SHALL BE LIMITED TO THE HOURS OF 7:00AM TO 9:00PM.
15. BORROW, FILL OR WASTE ACTIVITY SHALL BE CONDUCTED IN A SAFE MANNER THAT MAINTAINS LATERAL SUPPORT, IN ORDER TO MINIMIZE ANY HAZARD TO PERSONS, PHYSICAL DAMAGE TO ADJACENT LAND AND STRUCTURES/IMPROVEMENTS, AND DAMAGE TO ANY PUBLIC STREET BECAUSE OF SLIDES, SINKING, OR COLLAPSE.
16. THE DEVELOPER SHALL RESERVE THE RIGHT TO INSTALL, MAINTAIN, REMOVE OR CONVERT TO PERMANENT STORMWATER MANAGEMENT FACILITIES WHERE APPLICABLE ALL EROSION CONTROL MEASURES REQUIRED BY THIS PLAN REGARDLESS OF THE SALE OF ANY LOT, UNIT, BUILDING OR OTHER PORTION OF THE PROPERTY.
17. TEMPORARY STABILIZATION SHALL BE TEMPORARY SEEDING AND MULCHING. SEEDING IS TO BE AT 75 LBS/ACRE, AND IN THE MONTHS OF SEPTEMBER TO FEBRUARY TO CONSIST A 50/50 MIX OF ANNUAL RYEGRASS AND CEREAL WINTER RYE, OR IN MARCH AND APRIL TO CONSIST OF ANNUAL RYE, OR MAY THROUGH AUGUST TO CONSIST OF GERMAN MILLET. STRAW MULCH IS TO BE APPLIED AT 80LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVAL BY THE COUNTY EROSION CONTROL INSPECTOR.
18. PERMANENT STABILIZATION SHALL BE LIME AND FERTILIZER, PERMANENT SEEDING, AND MULCH. AGRICULTURAL GRADE LIMESTONE SHALL BE APPLIED AT 90LBS/1000SF, INCORPORATED INTO THE TOP 4-6 INCHES OF SOIL. FERTILIZER SHALL BE APPLIED AT 1000 LBS/ACRE AND CONSIST OF A 10-20-10 NUTRIENT MIX. PERMANENT SEEDING SHALL BE APPLIED AT 180 LBS/ACRE AND CONSIST OF 95% KENTUCKY 31 OR TALL FESCUE AND 0-5% PERENNIAL RYEGRASS OR KENTUCKY BLUEGRASS. STRAW MULCH IS TO BE APPLIED AT 80 LBS/100SF. ALTERNATIVES ARE SUBJECT TO APPROVAL BY THE COUNTY EROSION CONTROL INSPECTOR.
19. MAINTENANCE: ALL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL EVENT. ANY DAMAGE OR CLOGGING TO STRUCTURAL MEASURES SHALL BE REPAIRED IMMEDIATELY. SILT TRAPS SHALL BE CLEANED WHEN 50% OF THE WET STORAGE VOLUME IS FILLED WITH SEDIMENT. ALL SEEDED AREAS SHALL BE RESEEDED WHEN NECESSARY TO ACHIEVE A GOOD STAND OF GRASS. SILT FENCE AND DIVERSION DYKES WHICH COLLECT SEDIMENT TO HALF THEIR HEIGHT MUST BE CLEANED AND REPAIRED IMMEDIATELY.
20. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS OF FINAL SITE STABILIZATION, WHEN MEASURES ARE NO LONGER NEEDED, SUBJECT TO APPROVAL BY THE COUNTY EROSION CONTROL INSPECTOR.
21. THIS PLAN SHALL BE VOID IF THE OWNER DOES NOT OBTAIN A PERMIT WTIHIN 1 YEAR OF THE DATE OF APPROVAL. (WATER PROTECTION ORDINANCE SECTION 17-204G.)
22. PERMANENT VEGETATION SHALL BE INSTALLED ON ALL DENUDED AREAS WITHIN NINE (9) MONTHS AFTER THE DATE THE LAND DISTURBING ACTIVITY COMMENCED. (WATER PROTECTION ORDINANCE SECTION 17-207B)
23. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING FOURTEEN (14) CALENDAR DAYS. STABILIZATION MUST BE COMPLETED WITHIN THE PERIOD OF TIME DETERMINED BY THE ADMINISTRATOR. IN ARID, SEMIARID, AND DROUGHT-STRICKEN AREAS WHERE INITIATING VEGETATIVE STABILIZATION MEASURES IMMEDIATELY IN IS INFEASIBLE, ALTERNATIVE STABILIZATION MEASURES MUST BE IMPLORED AS SPECIFIED BY THE ADMINISTRATOR. (WATER PROTECTION ORDINANCE SECTION 17 - 405 6.h)

ACSA GENERAL WATER AND SEWER CONDITIONS:

1. WORK SHALL BE SUBJECT TO INSPECTION BY ALBEMARLE COUNTY SERVICE AUTHORITY (ACSA) INSPECTORS. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE PROPER ACSA OFFICIALS AT THE START OF THE WORK.
2. THE ALBEMARLE COUNTY SERVICE AUTHORITY SHALL HAVE ACCESS TO USE THE AIRSPACE ABOVE THE LOCATIONS OF CONSTRUCTION FOR THE FLIGHT OF UNMANNED AERIAL VEHICLES FOR THE PURPOSE OF IMAGERY COLLECTION.
3. THE LOCATION OF EXISTING UTILITIES ACROSS THE LINE OF THE PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATELY CORRECT. THE CONTRACTOR SHALL, ON HIS OWN INITIATIVE, LOCATE ALL UNDERGROUND LINES AND STRUCTURES, AS NECESSARY.
4. ALL MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE CURRENT EDITION OF THE GENERAL WATER AND SEWER CONSTRUCTION SPECIFICATIONS, AS ADOPTED BY THE ACSA.
5. DATUM FOR ALL ELEVATIONS SHOWN IN NATIONAL GEODETIC SURVEY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY (1-800-552-7001).
7. ALL WATER AND SEWER PIPES SHALL HAVE A MINIMUM OF THREE AND A HALF (3.5) FEET OF COVER MEASURED FROM THE TOP OF PIPE, OVER THE CENTERLINE OF PIPE. THIS INCLUDES ALL FIRE HYDRANT LINES, SERVICE LATERALS AND WATER LINES, ETC.
8. ALL WATER AND SEWER APPURTENANCES ARE TO BE LOCATED OUTSIDE OF ROADSIDE DITCHES.
9. VALVES ON DEAD END LINES SHALL BE RODDED TO PROVIDE ADEQUATE RESTRAINT FOR THE VALVE DURING A FUTURE EXTENSION OF THE LINE.
10. TREES ARE NOT PERMITTED IN THE ACSA EASEMENT.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH THE NO-LEAD REGULATION REGARDING BRASS FITTINGS EFFECTIVE JANUARY 4, 2014 (SENATE BILL 3874 WHICH AMENDS THE SAFE DRINKING WATER ACT).
12. THE SEWER LATERAL BEYOND THE CONNECTION AT THE SEWER MAIN SHALL BE PRIVATE. THE SEWER LATERAL STUB-OUT SHALL UNDERGO THE ACSA LOW-PRESSURE AIR TEST TO SATISFY COUNTY TESTING REQUIREMENTS. VISUAL INSPECTION OF THE SEWER LATERAL STUB-OUT SHALL BE WITNESSED BY THE COUNTY BUILDING INSPECTIONS DEPARTMENT. THIS INSPECTION SHALL OCCUR UNDER AN “OTHER PLUMBING” PERMIT WHICH MUST BE OBTAINED BY THE CONTRACTOR.
13. THE SEWER LATERAL BEYOND THE CONNECTION AT A MANHOLE SHALL BE PRIVATE. VISUAL INSPECTION AND PRESSURE TESTING OF THE SEWER LATERAL SHALL BE WITNESSED BY THE COUNTY BUILDING INSPECTIONS DEPARTMENT. THIS INSPECTION SHALL OCCUR UNDER AN “OTHER PLUMBING” PERMIT WHICH MUST BE OBTAINED BY THE CONTRACTOR.
14. THE FIRE SPRINKLER MAIN DOWNSTREAM OF THE GATE VALVE IS PRIVATE. VISUAL INSPECTION AND TESTING OF THE FIRE SPRINKLER MAIN DOWNSTREAM OF THE GATE VALVE SHALL BE WITNESSED BY THE COUNTY BUILDING INSPECTIONS DEPARTMENT. THIS INSPECTION SHALL OCCUR UNDER AN “OTHER PLUMBING” PERMIT WHICH MUST BE OBTAINED BY THE CONTRACTOR.
15. ALL FLUSHING OF FIRE SPRINKLER MAINS SHALL NOT OCCUR UNTIL APPROVAL IS GIVEN BY THE ACSA.
16. PRIOR TO BACKFLOW PREVENTION DEVICE TESTING AND THE ESTABLISHMENT OF WATER SERVICE, ALL BACKFLOW PREVENTION DEVICE INSTALLATIONS SHALL MEET THE ACSA BACKFLOW REQUIREMENTS AS DETAILED IN SECTION 8 OF THE MOST RECENT REVISION OF THE ASCA RULES AND REGULATIONS.
17. A DEED OF EASEMENT AND EASEMENT PLAT FOR THE UTILITY EASEMENTS, APPROVED BY THE ACSA, SHALL BE RECORDED PRIOR TO ANY WATER AND/OR SEWER SERVICE BEING ESTABLISHED.

VDOT CHARLOTTESVILLE RESIDENCY GENERAL NOTES AND DETAILS

1. ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE *VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS, ROAD AND BRIDGE STANDARDS AND VIRGINIA WORK AREA PROTECTION MANUAL.*
2. LAND USE PERMITS (LUP) SHALL BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE EXISTING STATE MAINTAINED RIGHT-OF-WAY (INCLUDING ACCESS).
3. VDOT REQUIRES NOTIFICATION 48 HOURS PRIOR TO COMMENCING WITH INITIAL CONSTRUCTION ACTIVITIES. PLEASE CONTACT THE APPROPRIATE PERMIT OFFICE IN WHICH YOUR PROPOSED ACTIVITIES ARE TO OCCUR.
4. APPROVAL OF A DETAILED CONSTRUCTION SEQUENCING AND MAINTENANCE OF TRAFFIC PLAN FOR THE WORK ZONE IS A PREREQUISITE FOR ISSUANCE OF A LAND USE PERMIT. THE PLAN SHALL ACCOMMODATE ACCESS TO AND CONSTRUCTION WITHIN VDOT MAINTAINED RIGHT-OF-WAY.
5. WORK ZONES - REQUESTS FOR THE IMPLEMENTATION OF TEMPORARY LANE AND SHOULDER CLOSURES ON INTERSTATE, LIMITED ACCESS PRIMARY ROUTES, AND HIGH VOLUME SECONDARY ROUTES MUST BE ENTERED INTO THE VDOT LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LCAMS) BY 12:00 PM ON THURSDAY THE WEEK BEFORE THE WORK IS TO TAKE PLACE FOR APPROVAL. CONTACT THE WORK ZONE COORDINATOR AT 540-717-4121 FOR QUESTIONS AND ASSISTANCE. ALL LANE/SHOULDER CLOSURES REQUIRING LCAMS APPROVAL SHALL BE ENTERED INTO VA TRAFFIC. LANE/SHOULDER CLOSURES ON PRIMARY AND MAJOR SECONDARY ROUTES MUST ALSO BE ENTERED IN VA TRAFFIC. MAJOR SECONDARY ROUTES ARE DEFINED AS THOSE LISTED IN THE RICHMOND DISTRICT RECOMMENDED WORK HOURS DOCUMENT. JUST PRIOR TO THE FIRST CONE GOING DOWN, USERS MUST CONTACT THE TOC AT 540-332-9500 TO ACTIVATE THE WORK ZONE AND WHEN THE LAST CONE HAS BEEN PICKED UP TO DEACTIVATE THE WORK ZONE.
6. PERMITTEE MUST NOTIFY VIRGINIA DEPARTMENT OF TRANSPORTATION TOC WHEN THERE IS A CRASH IN A WORK ZONE AT 540-332-9500
7. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONSULT THE DEVELOPER'S ENGINEERING CONSULTANT AND VERIFY THE APPROVAL OF THE PLANS BY ALL APPLICABLE FEDERAL, STATE AND LOCAL AGENCIES.
8. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE DEVELOPER'S ENGINEERING CONSULTANT IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL “MISS UTILITY” AT 811. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND PROPOSED RIGHT OF WAY REQUIRED BY THE DEVELOPMENT.
9. THE PERMITTEE OR THEIR AGENT MUST CONTACT THE VDOT CUSTOMER SERVICE CENTER AT 1-800-367-7623 A MINIMUM OF 48 HOURS PRIOR TO INITIATING ANY PLANNED EXCAVATION WITHIN 1,000 FEET OF A SIGNALIZED INTERSECTION AND/OR NEAR VDOT ITS INFRASTRUCTURE. EXCAVATION MAY PROCEED ONLY AFTER THE VDOT REGIONAL UTILITY LOCATION AGENT HAS NOTIFIED THE PERMITTEE THAT THE UTILITY MARKING HAS BEEN COMPLETED. ADDITIONAL INFORMATION CAN BE FOUND AT: HTTP://WWW.VIRGINIADOT.ORG/BUSINESS/RESOURCES/IIM/TE-383_REQUEST_FOR_MARKING_VDOT_UTILITY_LOCATION.PDF “MISS UTILITY” DOES NOT LOCATE VDOT UTILITIES.
10. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OF PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATER LINES, ETC., PRIOR TO CONSTRUCTION.
11. DESIGN CHANGES, SPECIFIED MATERIALS CHANGES AND FIELD CHANGES FROM THE APPROVED PLANS SHALL BE RE-SUBMITTED TO VDOT FOR APPROVAL PRIOR TO PROCEEDING WITH THE WORK. A LETTER OF EXPLANATION SHALL ACCOMPANY THE PROPOSED REVISION ALONG WITH DRAINAGE CALCULATIONS WHEN APPROPRIATE.
12. VDOT APPROVAL OF CONSTRUCTION PLANS DOES NOT PRECLUDE THE RIGHT TO REQUIRE ADDITIONAL FACILITIES AS DEEMED NECESSARY FOR ACCEPTANCE OF THE ROADS INTO THE VDOT SECONDARY ROAD SYSTEM BASED ON FIELD CONDITIONS OR UNAPPROVED PLAN CHANGES.
13. VDOT APPROVAL OF THESE PLANS WILL EXPIRE FIVE (5) YEARS FROM THE DATE OF APPROVAL FOR SITE PLANS AND SUBDIVISION PLANS IF CONSTRUCTION HAS NOT STARTED.
14. PRELIMINARY DESIGN OF THE PAVEMENT STRUCTURE FOR ALL SUBDIVISION STREETS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF *THE PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS IN VIRGINIA*. THE COMPLETED DESIGN WORKSHEET APPENDIX IV SHALL BE INCLUDED WITH THE INITIAL PLAN SUBMITTAL FOR EACH PROPOSED PAVEMENT SECTION UTILIZING THE PREDICTED SOIL SUPPORT VALUE SHOWN IN APPENDIX I OF THE PAVEMENT DESIGN GUIDE OR AS REPORTED IN A GEOTECHNICAL ANALYSIS OF THE ON-SITE SOILS.
15. A COPY OF THE COMPLETE CBR REPORT SHALL BE SUBMITTED TO VDOT IN CONJUNCTION WITH FINAL PAVEMENT DESIGNS. ALL PAVEMENT DESIGN RECOMMENDATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF *PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS IN VIRGINIA*.
16. ALL VEGETATION AND ORGANIC MATERIAL SHALL BE REMOVED FROM THE RIGHT OF WAY LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.
17. UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE DEVELOPER OR HIS DESIGNEE, WHICH MAY BE THE CONTRACTOR, SHALL IMMEDIATELY ENGAGE A GEOTECHNICAL ENGINEER AND NOTIFY VDOT. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE GEOTECHNICAL ENGINEER, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT VDOT SPECIFICATIONS.
18. THE NECESSITY AND LOCATIONS FOR ADDITIONAL VDOT STANDARD UNDERDRAINS SHALL BE DETERMINED AT TIME OF SUBGRADE INSPECTION. VIDEO INSPECTION OF ACCESSIBLE OUTLET LOCATIONS, MAINLINE LONGITUDINAL CONNECTIONS, AND LONGITUDINAL PIPE FOR ALL PAVEMENT UNDERDRAINS, CROSS DRAINS, EDGEDRAINS AND PREFABRICATED GEOCOMPOSITE PANEL DRAINS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 501 OF THE *ROAD AND BRIDGE SPECIFICATIONS* AND *VIRGINIA TEST METHOD 108 - POST INSTALLATION INSPECTION OF UNDERDRAINS, CROSSDRAINS, AND EDGEDRAINS.*
19. VDOT SHALL HAVE PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF THE AGGREGATE BASE COURSE(S). CONTACT VDOT FOR SUBGRADE INSPECTION 48 HOURS PRIOR TO SCHEDULING PLACEMENT OF AGGREGATE BASE COURSE(S).
20. THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECASTED WEATHER CONDITIONS PER SECTION 315 OF *THE ROAD AND BRIDGE SPECIFICATIONS*.
21. VDOT SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY ASPHALT CONCRETE SURFACE COURSE(S). CONTACT VDOT FOR INSPECTION OF THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
22. A LICENSED GEOTECHNICAL ENGINEER OR HIS DESIGNEE SHALL ASCERTAIN CAUSE AND CERTIFY RECOMMENDED METHOD OF REPAIR FOR ALL PAVEMENT STRUCTURAL FAILURES PRIOR TO STATE ACCEPTANCE.
23. VDOT SHALL BE PROVIDED DOCUMENTATION BY A LICENSED GEOTECHNICAL ENGINEER, CERTIFYING THAT ALL IN-PLACE PAVEMENTS MEET OR EXCEED THE APPROVED PAVEMENT DESIGN THICKNESS PRIOR TO STATE ACCEPTANCE OF THE STREET. CORES ARE TO BE OBTAINED VERIFYING PAVEMENT THICKNESS UNLESS OTHERWISE DIRECTED BY VDOT. THE PERMIT INSPECTOR SHALL BE CONTACTED 24 HOURS PRIOR TO THE CORE SAMPLES BEING TAKEN.
24. ALL STORM SEWER DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST *VDOT DRAINAGE MANUAL, ROAD AND BRIDGE STANDARDS*, AND IIMS.
25. ALL PRE-CAST UNITS SHALL BE VDOT APPROVED. CERTIFICATION AND VDOT STAMP IS REQUIRED ON ALL UNITS.
26. ALL CONCRETE SHALL BE CLASS A3-AE (AIR ENTRAINED 3,000 PSI) UNLESS OTHERWISE SPECIFIED.
27. ALL ROADSIDE DITCHES SHOWN AS PAVED ON PLANS ARE TO BE PAVED IN ACCORDANCE WITH THE STANDARD TYPICAL SECTION AS SHOWN ON THE PLANS. ANY ADDITIONAL PAVING OF THE DITCHES, OTHER THAN THOSE SHOWN ON THE ROAD PLANS WILL BE DETERMINED PRIOR TO ACCEPTANCE OF THE ROADS INTO THE VDOT SECONDARY ROAD SYSTEM.
28. ROAD & BRIDGE SPECIFICATIONS SECTION 302, DRAINAGE STRUCTURES ADDRESSES POST INSTALLATION VISUAL/VIDEO CAMERA INSPECTION OF STORM SEWER PIPES AND PIPE CULVERTS. INSPECTION FREQUENCY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR AS NECESSITATED BY THE ENGINEER. VIDEO INSPECTION SHALL BE CONDUCTED IN ACCORDANCE WITH *VIRGINIA TEST METHOD (VTM) 123, POST INSTALLATION INSPECTION OF BURIED STORM SEWER PIPE AND PIPE CULVERTS*.
29. A CONSTRUCTION ENTRANCE SHALL BE INSTALLED ON EACH INDIVIDUAL LOT PRIOR TO ANY LOT GRADING OR HOME CONSTRUCTION ACTIVITIES AND SHALL BE ADEQUATELY MAINTAINED UNTIL ALL CONSTRUCTION TRAFFIC AREAS WITHIN THE LOT HAVE BEEN STABILIZED.
30. ALL ENTRANCES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT VDOT STANDARDS. RESIDENTIAL LOT ACCESS SHALL BE PROVIDED PER THE FOLLOWING CRITERIA:
    - ALL DRIVEWAY ENTRANCES AND ENTRANCE CULVERTS SHALL CONFORM TO PE-1 PRIVATE ENTRANCE STANDARDS UNLESS OTHERWISE APPROVED BY VDOT. NO ENTRANCE CULVERTS ARE TO BE INSTALLED WITHIN FIVE (5) FEET OF A PROPERTY CORNER.
    - VDOT STANDARD CG-9D ENTRANCES SHALL BE USED WHEN AN ENTRANCE IS REQUIRED IN CURB AND GUTTER NEIGHBORHOODS UNLESS OTHERWISE APPROVED BY VDOT.
31. DRY GUTTER IS NOT ALLOWED IN VDOT RIGHT OF WAY EXCEPT AS SHOWN ON VDOT'S ENTRANCE STANDARD DETAILS.
32. THE DEVELOPER SHALL FURNISH AND INSTALL STOP SIGNS AND STOP BARS AT STREET INTERSECTIONS AND ALL REGULATORY SIGNAGE PER THE *MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES*. ALL SIGNS MUST BE INSTALLED ON VDOT STANDARD STP-1 SIGN POSTS.
33. INSTALLATION, MAINTENANCE AND OPERATION OF STREET LIGHTING SHALL BE PROVIDED BY AND AT THE SOLE EXPENSE OF OTHERS. VDOT WILL ALLOW LIGHTING WITHIN THE RIGHT OF WAY BY LAND USE PERMIT (LUP) ONLY. LIGHTING ON CURB SECTIONS SHALL BE PLACED BEHIND THE CURB AND PREFERABLY BEHIND THE SIDEWALK. FOR SHOULDER SECTIONS, THE POLE SHALL BE PLACED A MINIMUM OF 10' FROM EDGE OF PAVEMENT AND BEHIND THE DITCH LINE. ALL LIGHTING PROPOSED WITHIN THE RIGHT OF WAY MUST BE DESIGNED IN ACCORDANCE WITH THE *AASHTO GUIDE FOR ROADWAY LIGHTING* AND SHALL MEET THE CURRENT ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) STANDARDS.
34. TRAFFIC SIGNALS REQUIRE AN INDIVIDUAL LAND USE PERMIT. THE APPLICANT SHALL BE RESPONSIBLE FOR THE DESIGN COSTS OF ANY TRAFFIC SIGNAL INSTALLATION OR MODIFICATION OF EXISTING SIGNALS. DESIGN PLANS MUST BE PREPARED AND SUBMITTED TO VDOT BY A LICENSED PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL. THIS INCLUDES THE FOUNDATION DESIGN AND ANY EQUIPMENT ASSOCIATED WITH THE COMPLETED TRAFFIC SIGNAL. ALL EQUIPMENT MUST BE APPROVED BY VDOT. SHOP DRAWINGS MUST BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATING ANY SIGNAL STRUCTURAL COMPONENTS.
35. SOIL STABILIZATION IS REQUIRED WITHIN 7 DAYS FOR ALL AREAS WHERE CLEARING, GRADING, EXCAVATION OR OTHER LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WHERE LAND DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED FOR AN ANTICIPATED DURATION OF GREATER THAN 7 DAYS, OR UPON COMPLETION OF GRADING OPERATIONS FOR A SPECIFIED AREA. SOIL STABILIZATION SHALL BEGIN AS SOON AS PRACTICABLE, BUT NOT LATER THAN THE SEVEN DAYS FOLLOWING THE DAY WHEN LAND DISTURBING ACTIVITIES TEMPORARILY OR PERMANENTLY CEASED.
36. NO STRUCTURE SHALL BE CONSTRUCTED ON STATE MAINTAINED RIGHT OF WAYS, OR ON RIGHT OF WAYS INTENDED TO BE MAINTAINED BY VDOT UNLESS SAID STRUCTURES ARE SHOWN ON CONSTRUCTION PLANS APPROVED BY VDOT OR SUCH STRUCTURES ARE COVERED BY A VDOT LUP (OR BY A LETTER OF INTENT FROM THE RESIDENT ADMINISTRATOR/RESIDENT ENGINEER TO ISSUE SAID PERMIT AT THE TIME OF STATE ACCEPTANCE).
37. VDOT WILL ONLY MAINTAIN WITHIN DRAINAGE EASEMENTS TO THE EXTENT NECESSARY TO PROTECT THE ROADWAY FROM FLOODING OR DAMAGE.

NOTE: ANY CHANGES TO THIS DOCUMENT AFTER BIDDING THAT ARE REQUIRED BY THE ALBEMARLE COUNTY ENGINEERING DEPARTMENT SHALL APPLY.

BA HEALTH
Design for **LIFE**

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FLAGLER · MAS AJP
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PHASE:
FINAL SITE PLAN

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SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

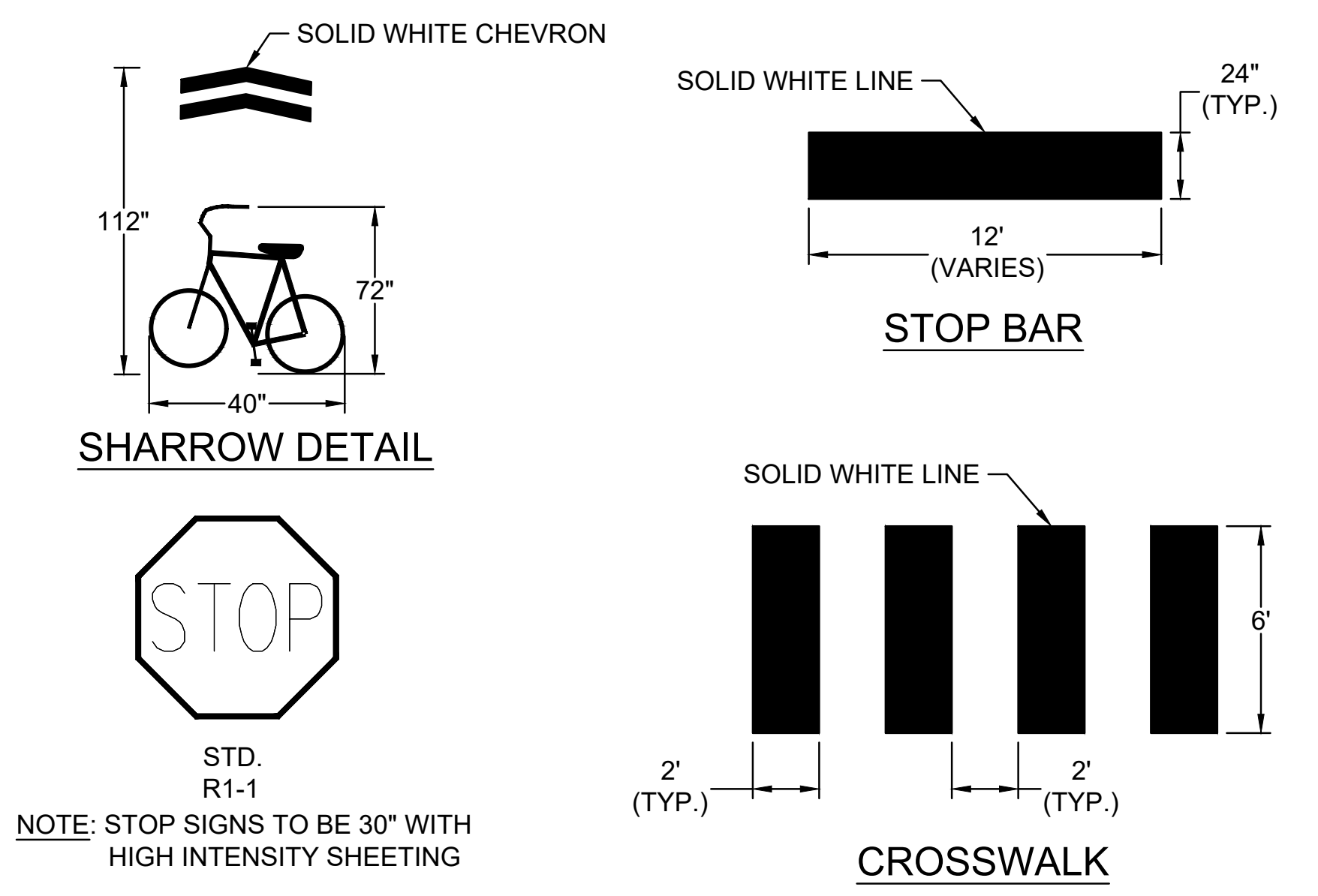
REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

TITLE:
NOTES & DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale: N/A
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
C1.0

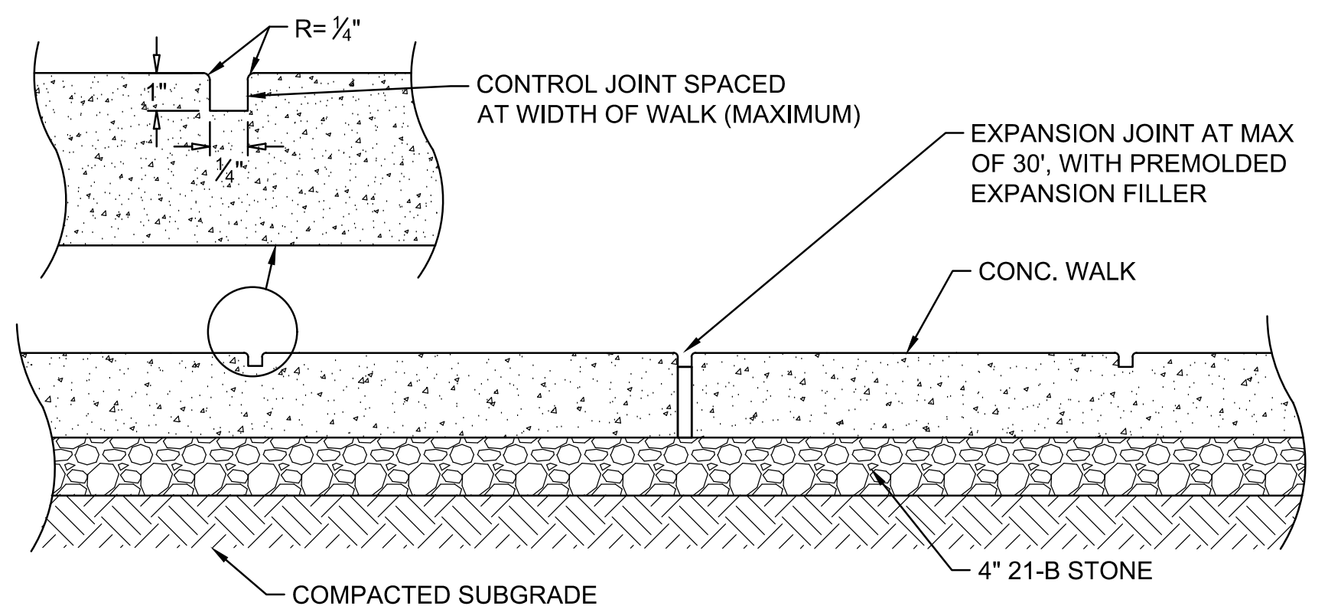


NOTES:

1. ALL SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF EACH OF THE FOLLOWING AND ANY REVISION THERE TO:
   A. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
   B. THE VIRGINIA SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
   C. THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.
   D. THE 2000 INTERNATIONAL FIRE CODE.
2. SIGN LOCATIONS ARE APPROXIMATE AND ARE TO BE MODIFIED IN THE FIELD TO AVOID CONFLICT WITH UNDERGROUND UTILITIES OR OTHER CONSTRUCTIONS, AND TO COMPLY WITH STANDARDS REFERENCED IN NOTE 1 ABOVE.
3. ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. ALL SIGNS TO BE FURNISHED AND INSTALLED WITH A 2" METAL SQUARE TUBE POST AND TYPE D FOUNDATIONS IN ACCORDANCE WITH VDOT STANDARD STP-1.
4. ALL MARKING DIMENSIONS AND MATERIALS SHALL BE IN ACCORDANCE WITH VDOT ROAD AND BRIDGE SPECIFICATION SECTION 246.
   A. MARKINGS 6" AND SMALLER SHALL BE VDOT TYPE A PAINT.
   B. MARKING LARGER THAN 6" SHALL BE VDOT TYPE B, CLASS 1 (THERMOPLASTIC).

STRIPING AND SIGNAGE DETAIL

No Scale



CONCRETE SIDEWALK JOINT DETAIL

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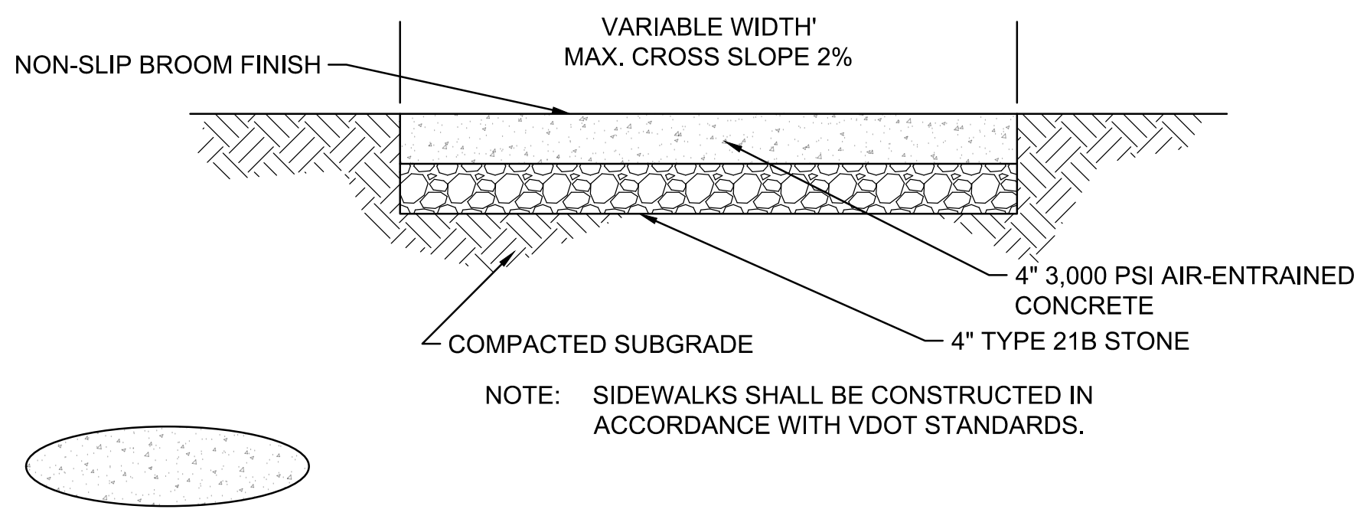

NOTE: SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VDOT STANDARDS.

CONCRETE SIDEWALK PAVEMENT SECTION

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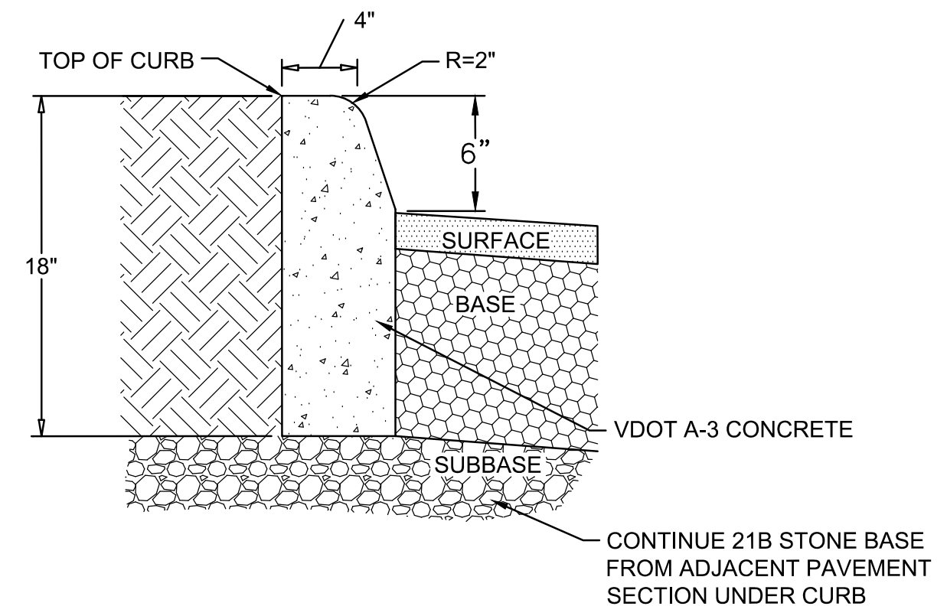

VDOT STANDARD CG-2 CURB

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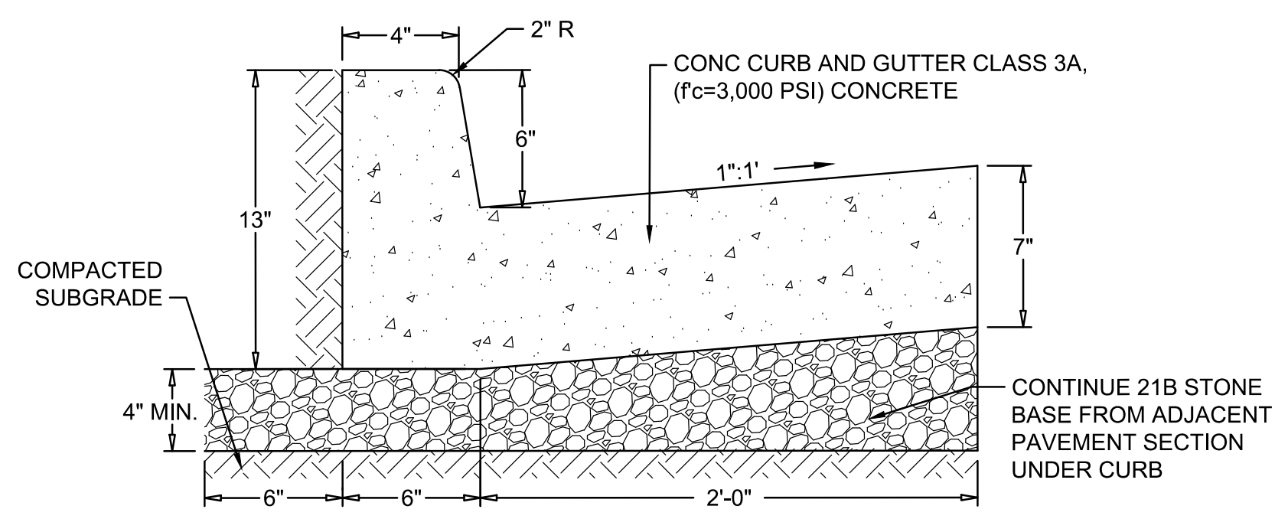

VDOT STANDARD CG-6 CURB & GUTTER

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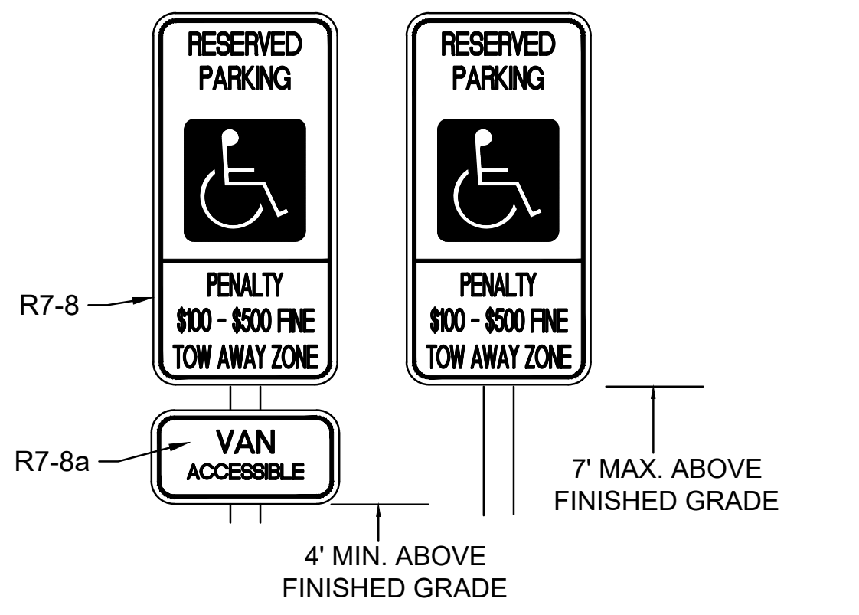
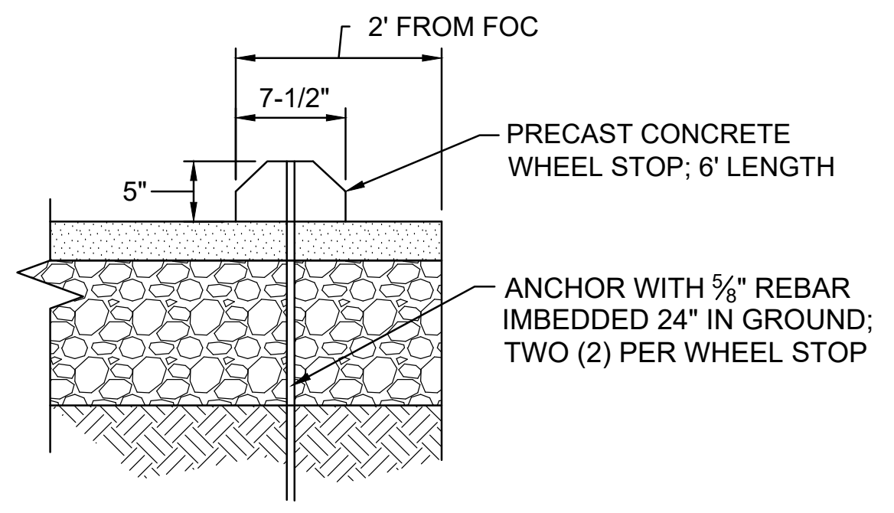


FEDERAL: SIGN FOR THE DISABLED ON 0.80 GAUGE ALUMINUM. COLORS: GREEN BORDER & TEXT, BLUE SYMBOL FOR ACCESSIBILITY, WHITE BACKGROUND.

SPACES SHALL BE IDENTIFIED BY ABOVE GRADE SIGNS AS RESERVED FOR PHYSICALLY DISABLED PERSONS. PROVIDE 12"x18" R7-8 SIGNS WITH 4" INTERNATIONAL WHEELCHAIR SYMBOL AT EACH PARKING SPACE INDICATED ON SITE PLAN. ON THE SAME SIGN, OR A SEPARATE SIGN BELOW, "PENALTY, $100-$500 FINE, TOW AWAY ZONE" MUST BE INCLUDED (VA CODE 36-99.11). BELOW THESE SIGNS, PROVIDE A 12"x6" R7-8a SIGN FOR SPACES IDENTIFIED AS 'VAN' ON THE PLANS. POST SHALL BE 2" SQUARE TUBE WITH TYPE D FOUNDATIONS IN ACCORDANCE WITH VDOT STANDARD STP-1.

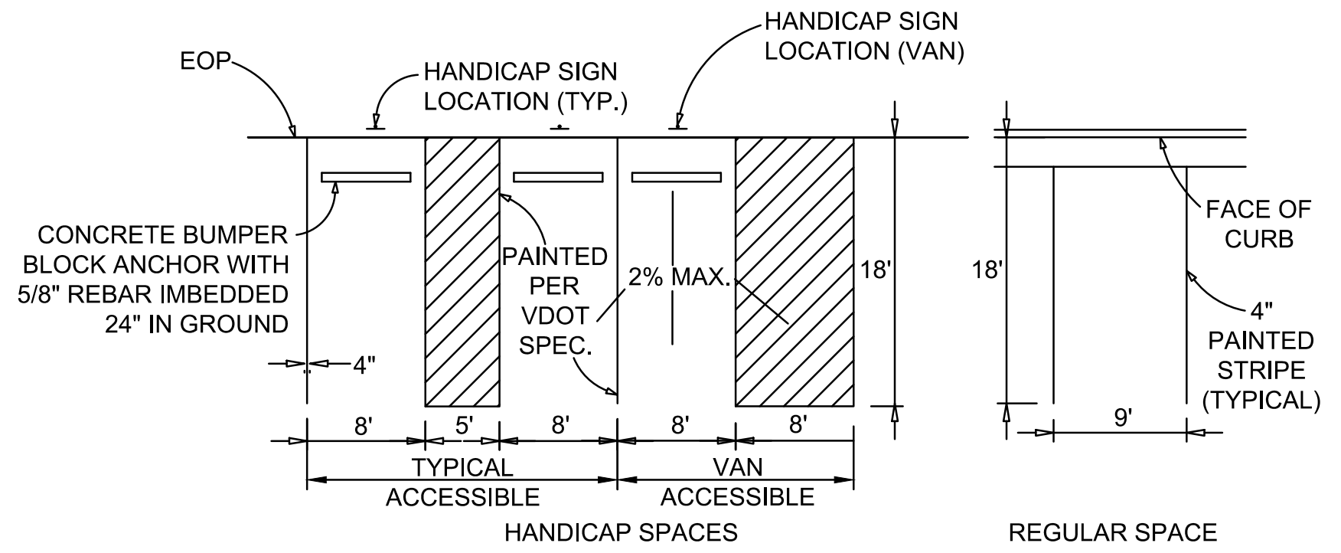
PARKING SIGNS FOR THE DISABLED

No Scale



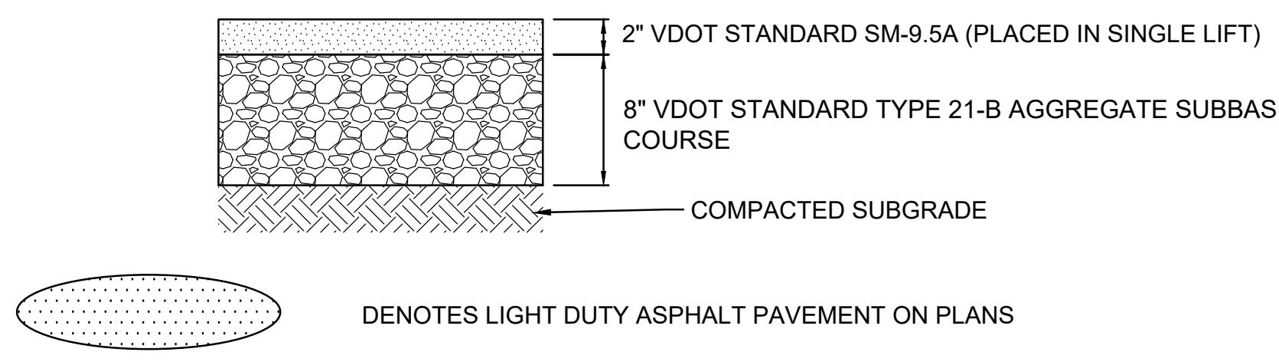
PRECAST CONCRETE WHEEL STOP

No Scale



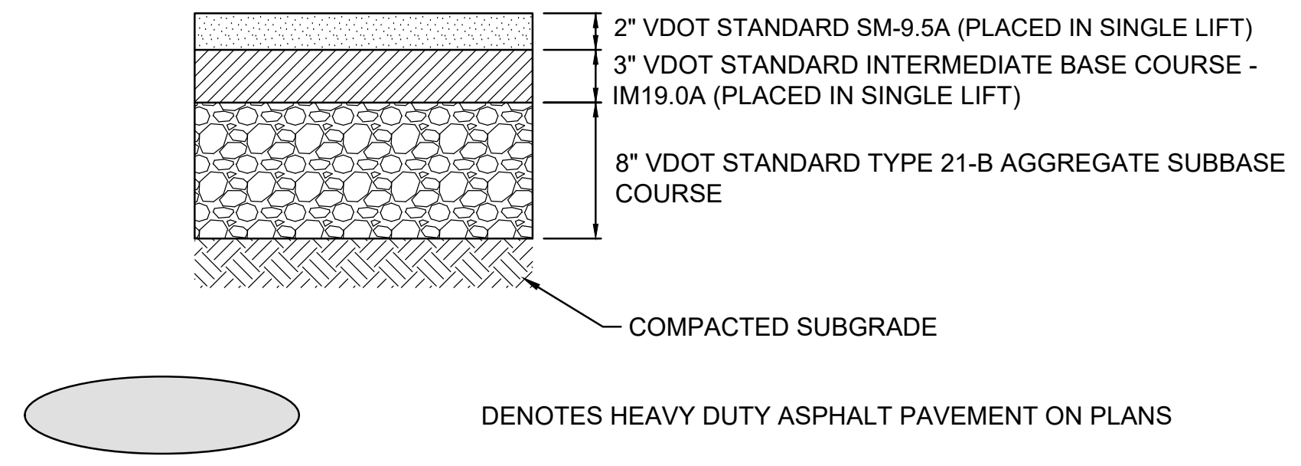
TYPICAL PARKING SPACE DETAILS

No Scale


2" VDOT STANDARD SM-9.5A (PLACED IN SINGLE LIFT)
8" VDOT STANDARD TYPE 21-B AGGREGATE SUBBASE
COURSE
COMPACTED SUBGRADE
DENOTES LIGHT DUTY ASPHALT PAVEMENT ON PLANS

LIGHT DUTY ASPHALT PAVEMENT SECTION

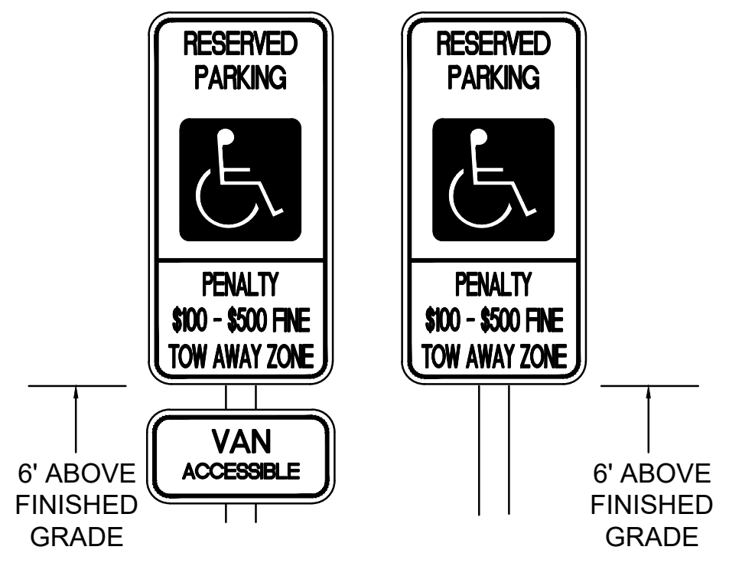
No Scale


2" VDOT STANDARD SM-9.5A (PLACED IN SINGLE LIFT)
3" VDOT STANDARD INTERMEDIATE BASE COURSE -
IM19.0A (PLACED IN SINGLE LIFT)
8" VDOT STANDARD TYPE 21-B AGGREGATE SUBBASE
COURSE
COMPACTED SUBGRADE
DENOTES HEAVY DUTY ASPHALT PAVEMENT ON PLANS

HEAVY DUTY ASPHALT PAVEMENT SECTION

No Scale

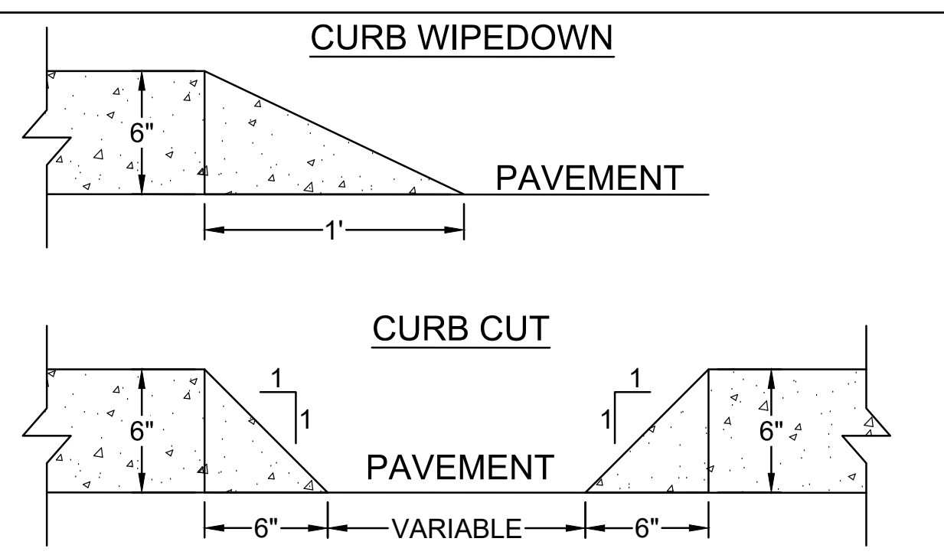
VA. SIGN FOR THE DISABLED ON 0.80 GAUGE ALUMINUM. COLORS: GREEN BORDER & LEGEND, BLUE SYMBOL FOR ACCESSIBILITY, WHITE BACKGROUND.



SPACES SHALL BE IDENTIFIED BY ABOVE GRADE SIGNS AS RESERVED FOR PHYSICALLY DISABLED PERSONS. PROVIDE ONE (1) R-7-8 SIGN AT EACH PARKING SPACE INDICATED ON SITE PLAN. SIGN SHALL BE ALUMINUM (PAINTED WHITE) WITH GREEN LETTERS AND INTERNATIONAL WHEELCHAIR SYMBOL. SIGN SHALL BE PLACED ON STEEL POST 1-1/2" O PAINTED BLACK SET IN MIN. 2' OF CONCRETE.

ADA PARKING SIGNS

No Scale



CURB WIPE DOWN AND CURB CUT DETAIL

No Scale

PROPOSED LEGEND

——— — — ———	PROPERTY LINE
▬▬▬▬	STORM PIPE
——— UGP ———	ELECTRIC DUCT BANK
■	CATCH BASIN
# Ⓓ	STORM MANHOLE
# Ⓢ	SANITARY MANHOLE
#	SANITARY CLEANOUT
⊕	BOLLARD
—o—	STREET SIGN
▬ ▬ ▬	LIMITS OF DISTURBANCE
——— XXX ———	MAJOR CONTOUR
——— XXX ———	MINOR CONTOUR
●-○	SITE LIGHT
ⓧ	PARKING SPACE COUNT
——— · · ———	DRAINAGE EASEMENT

GRADING

TC = TOP OF CURB
BC = BOTTOM OF CURB
FC = FLUSH CURB
EP = EDGE OF PAVEMENT
EC = EDGE OF CONCRETE
TW = TOP OF WALL
BW = BOTTOM OF WALL
TS = TOP OF STAIRS
BS = BOTTOM OF STAIRS

Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
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MEP ENGINEER:
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P: 240.477.1883

OWNER:
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P O BOX 5386
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GASTRO HEALTH CHARLOTTESVILLE

MEDSQUARE AMBULATORY SURGERY CENTER

Parcel ID: 07800000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

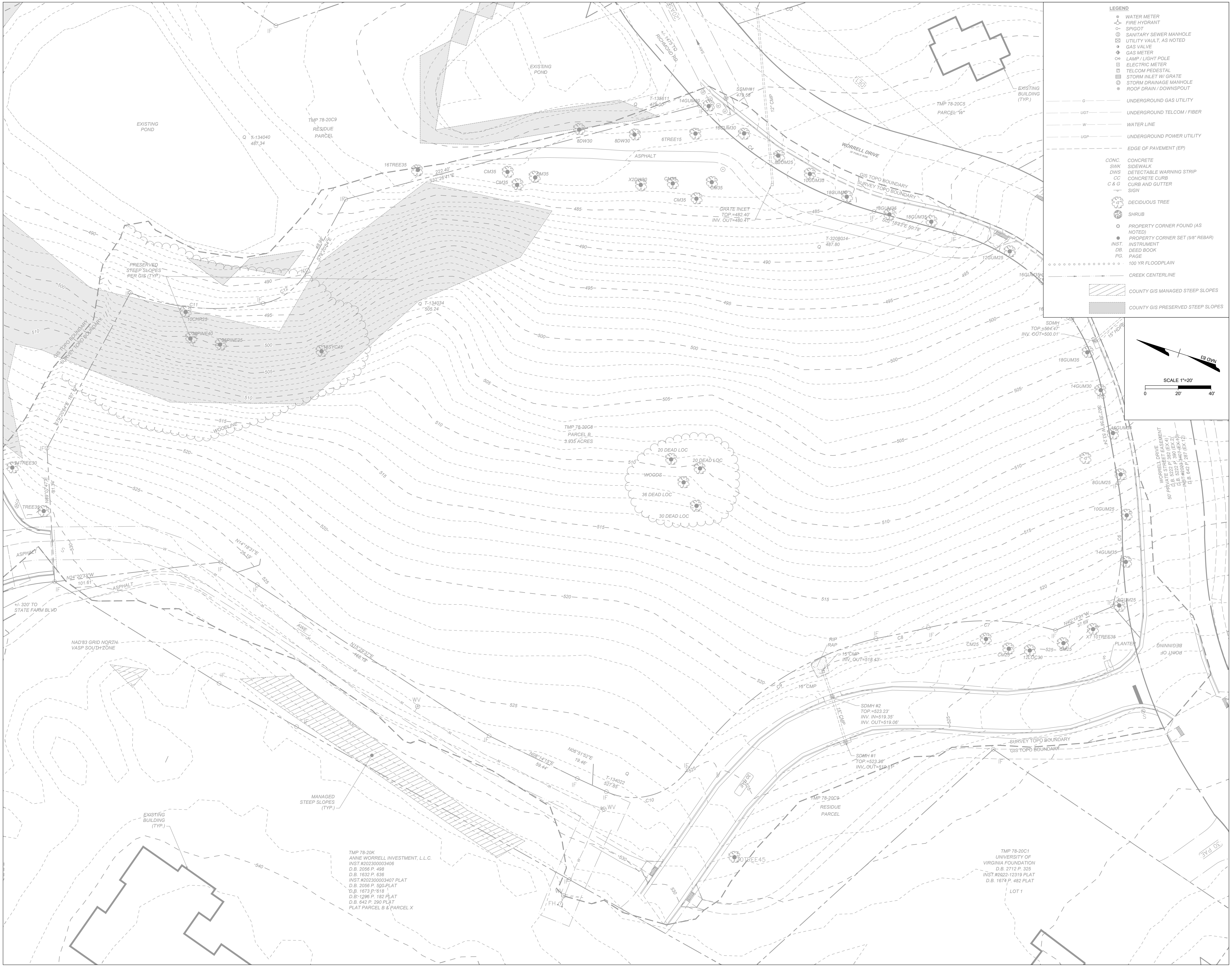
REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

TITLE:
NOTES & DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale: N/A
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
C1.1



LEGEND

⊗	WATER METER
	FIRE HYDRANT
○+	SPIGOT
Ⓢ	SANITARY SEWER MANHOLE
⊠	UTILITY VAULT, AS NOTED
◐	GAS VALVE
◈	GAS METER
○☼	LAMP / LIGHT POLE
	ELECTRIC METER
	TELCOM PEDESTAL
▤	STORM INLET W/ GRATE
Ⓓ	STORM DRAINAGE MANHOLE
⊛	ROOF DRAIN / DOWNSPOUT
— G —	UNDERGROUND GAS UTILITY
— UGT —	UNDERGROUND TELCOM / FIBER
— W —	WATER LINE
— UGP —	UNDERGROUND POWER UTILITY
— — —	EDGE OF PAVEMENT (EP)
CONC.	CONCRETE
SWK	SIDEWALK
DWS	DETECTABLE WARNING STRIP
CC	CONCRETE CURB
C & G	CURB AND GUTTER
—○	SIGN
	DECIDUOUS TREE
	SHRUB
⊙	PROPERTY CORNER FOUND (AS NOTED)
●	PROPERTY CORNER SET (5/8" REBAR)
INST.	INSTRUMENT
DB.	DEED BOOK
PG.	PAGE
○ ○ ○ ○	100 YR FLOODPLAIN
—→—	CREEK CENTERLINE
▨	COUNTY GIS MANAGED STEEP SLOPES
▒	COUNTY GIS PRESERVED STEEP SLOPES

HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
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GASTRO HEALTH
FLAGLER · MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER

Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:

FINAL SITE PLAN

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SEAL:

COMMONWEALTH OF VIRGINIA
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
PROFESSIONAL ENGINEER

NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

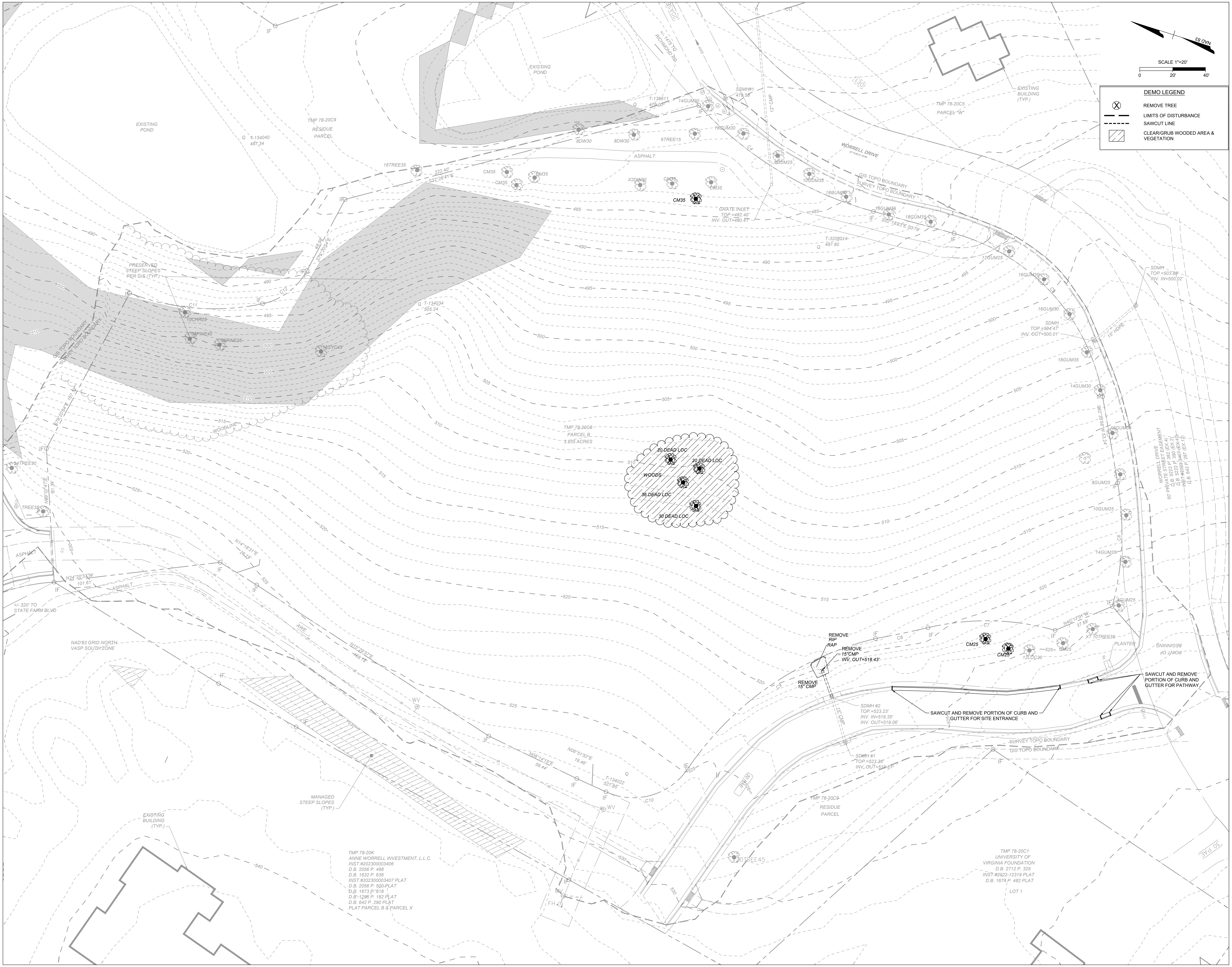
TITLE:

EXISTING CONDITIONS PLAN

Project No:	02496.000
Date:	2/23/2026
Scale:	1" = 20'
Format:	30" x 42"
Drawn:	S. KIRBY
Checked:	J. SHOWALTER

SHEET:

C2.0


NAD 83
SCALE 1"=20'
0
20'
40'
DEMO LEGEND
Ⓧ REMOVE TREE
LIMITS OF DISTURBANCE
SAWCUT LINE
▨ CLEAR/GRUB WOODED AREA & VEGETATION
EXISTING POND
EXISTING POND
EXISTING BUILDING (TYP.)
TMP 78-20C9 RESIDUE PARCEL
TMP 78-20C5 PARCEL "W"
WORRELL DRIVE
GIS TOPO BOUNDARY
SURVEY TOPO BOUNDARY
ASPHALT
GRATE INLET TOP.=482.40' INV. OUT=480.41'
SSMH#1 479.55
12" CMP
PRESERVED STEEP SLOPES PER GIS (TYP.)
WOODLINE
TMP 78-20C8 PARCEL B 3.935 ACRES
20 DEAD LOC
20 DEAD LOC
WOODS
36 DEAD LOC
30 DEAD LOC
CM35
CM25
CM25
SDMH TOP.=503.88' INV. IN=500.02'
SDMH TOP.=504.47' INV. OUT=500.01'
15" HDPE
WORRELL DRIVE 50' PRIVATE STREET EASEMENT
NAD'83 GRID NORTH VASP SOUTH ZONE
+/- 320' TO STATE FARM BLVD
MANAGED STEEP SLOPES (TYP.)
REMOVE RIP RAP
REMOVE 15"CMP INV. OUT=518.43'
REMOVE 15" CMP
SDMH #2 TOP.=523.23' INV. IN=519.35' INV. OUT=519.06'
SDMH #1 TOP.=523.36' INV. OUT=519.81'
15" CMP
SAWCUT AND REMOVE PORTION OF CURB AND GUTTER FOR SITE ENTRANCE
SAWCUT AND REMOVE PORTION OF CURB AND GUTTER FOR PATHWAY
PLANTER
POINT OF BEGINNING
N40°17'01"W 37.69'
TMP 78-20C9 RESIDUE PARCEL
TMP 78-20K ANNE WORRELL INVESTMENT, L.L.C. INST.#202300003406 D.B. 2056 P. 498 D.B. 1632 P. 636 INST.#202300003407 PLAT D.B. 2056 P. 500 PLAT D.B. 1673 P. 618 D.B. 1296 P. 182 PLAT D.B. 642 P. 290 PLAT PLAT PARCEL B & PARCEL X
TMP 78-20C1 UNIVERSITY OF VIRGINIA FOUNDATION D.B. 2712 P. 325 INST.#2022-12319 PLAT D.B. 1674 P. 482 PLAT LOT 1
30 PAE

Design for *LIFE*

ARCHITECT:
Bermello, Ajamil & Partners, LLC
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GASTRO HEALTH CHARLOTTESVILLE

MEDSQUARE AMBULATORY SURGERY CENTER

Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:

FINAL SITE PLAN

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SEAL:

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Lic. No. 0402057151
03/12/26

NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

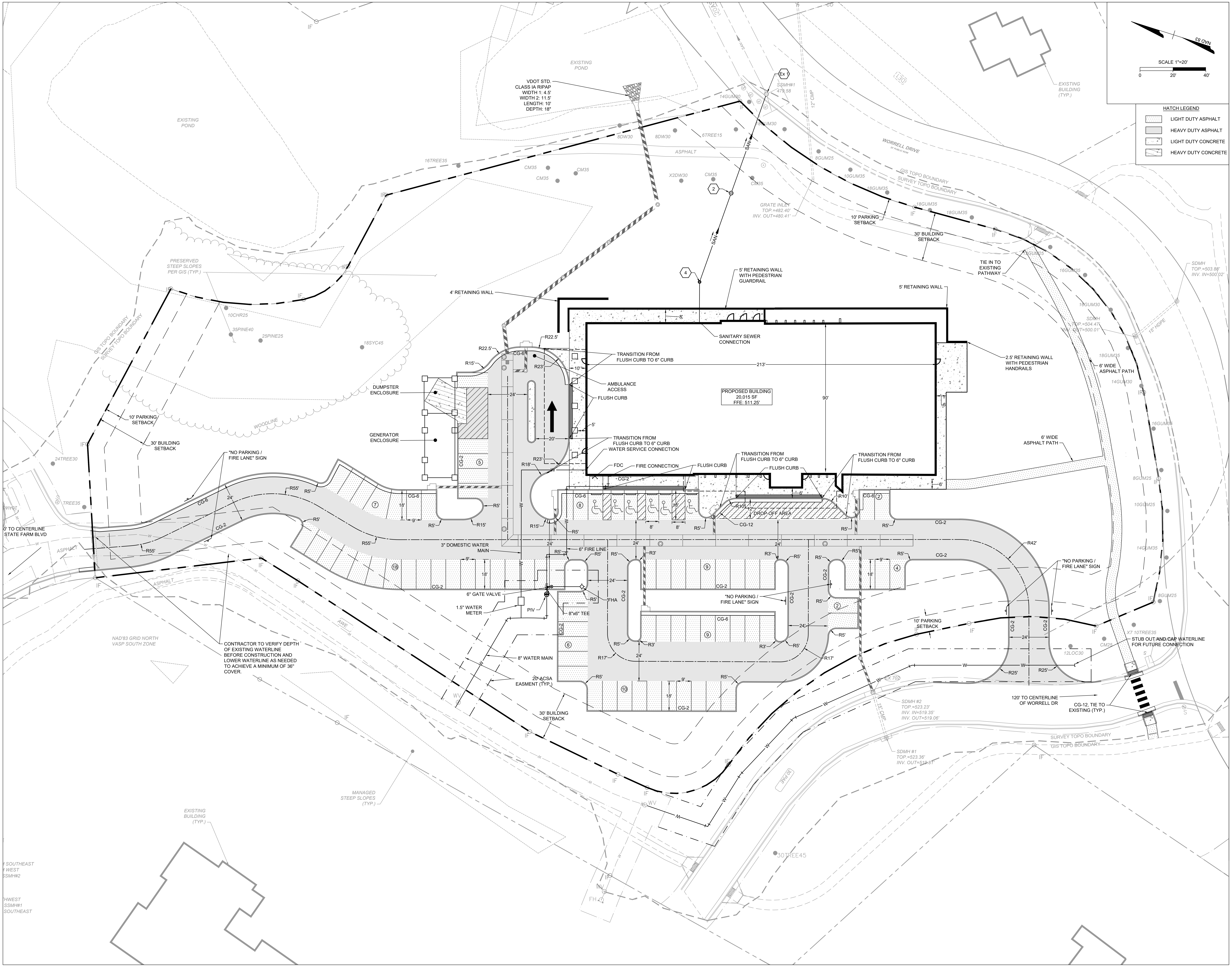
TITLE:

DEMOLITION PLAN

Project No: 02496.000
Date: 2/23/2026
Scale: 1" = 20'
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:

C2.1



BA HEALTH
Design for LIFE

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P: 240.477.1883

OWNER:
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GASTRO HEALTH
FLAGLER · MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 078000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:

FINAL SITE PLAN

SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

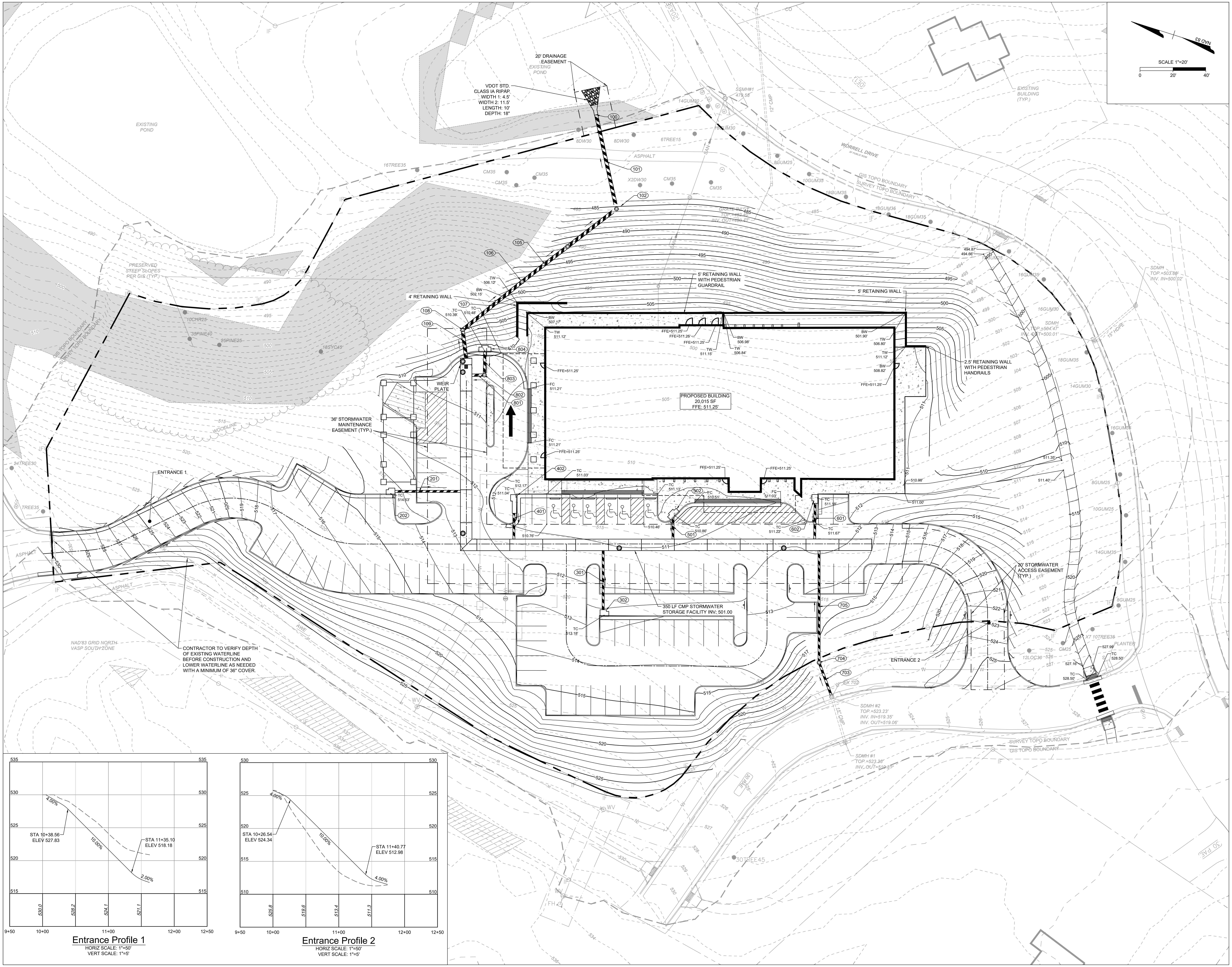
TITLE:

SITE LAYOUT PLAN

Project No: 02496.000
Date: 3/12/2026
Scale: 1" = 20'
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:

C4.0



Entrance Profile 1

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

Entrance Profile 2

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

BA HEALTH
Design for LIFE

ARCHITECT:
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P: 305.859.2050

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OWNER:
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P: 704.987.9114

GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER

Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

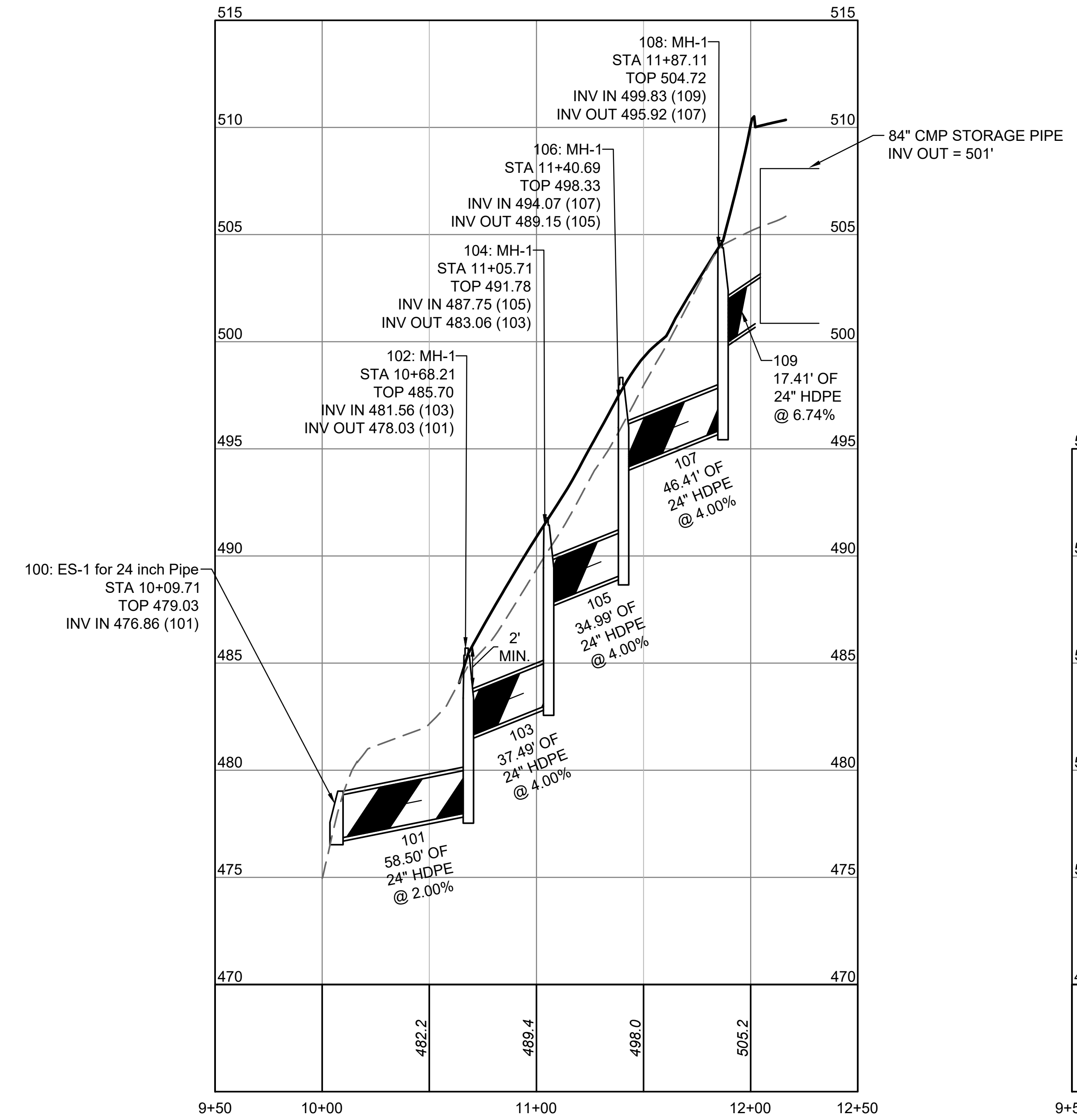
REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

TITLE:
GRADING & DRAINAGE PLAN

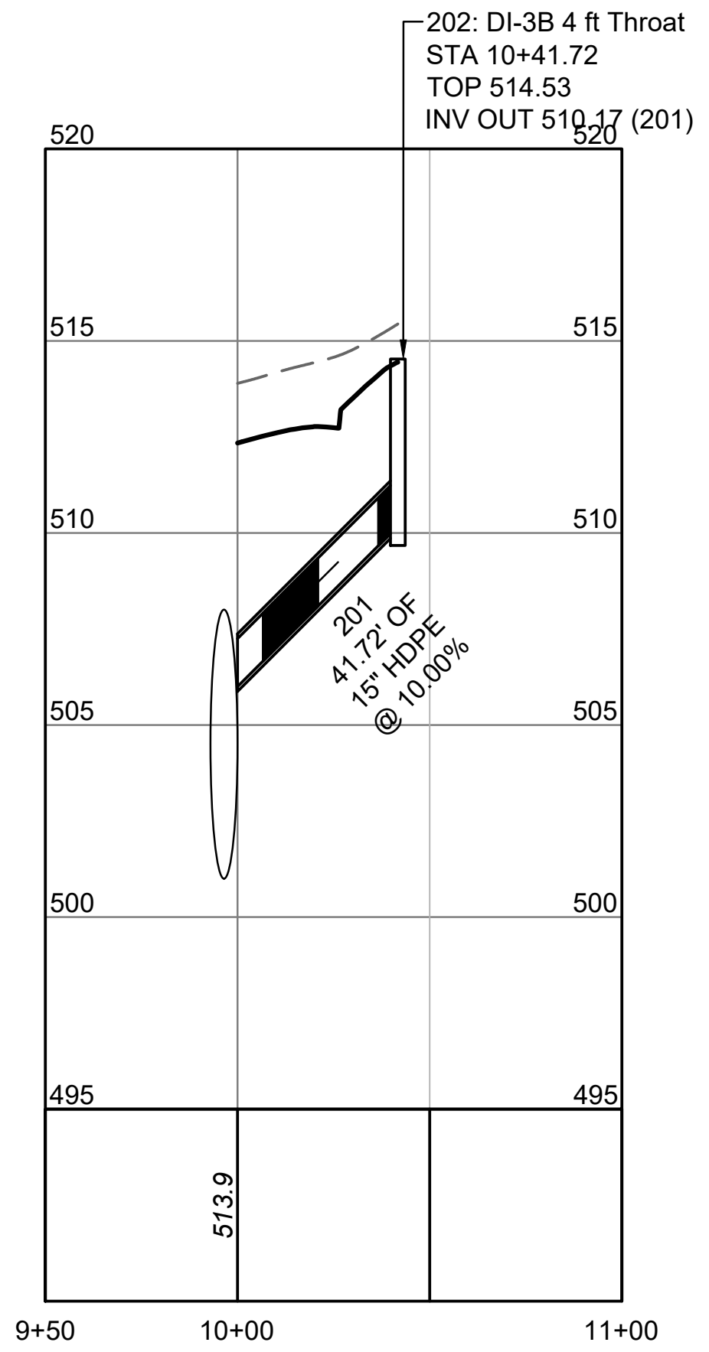
Project No:	02496.000
Date:	2/23/2026
Scale:	1" = 20'
Format:	30" x 42"
Drawn:	S. KIRBY
Checked:	J. SHOWALTER

SHEET:
C5.0



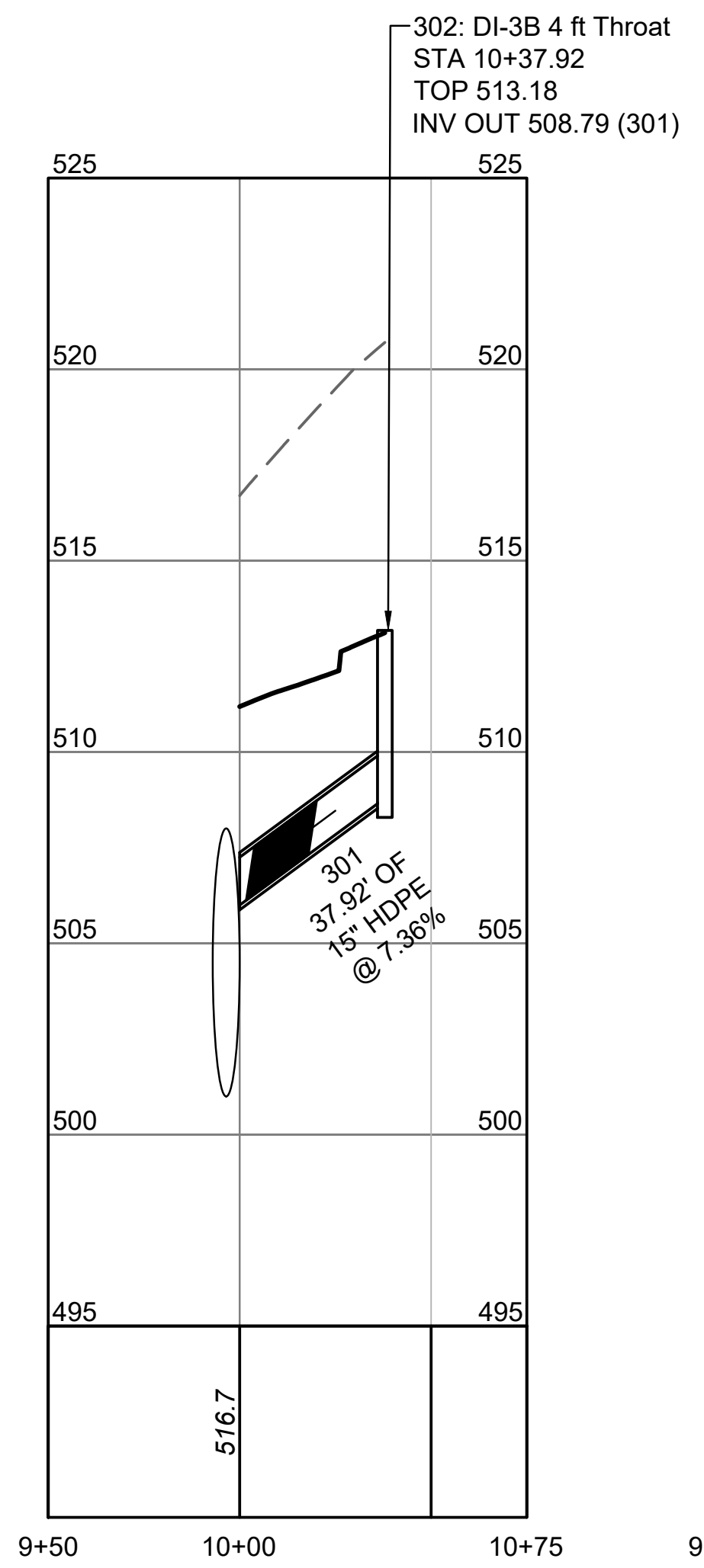
STORM 100 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'



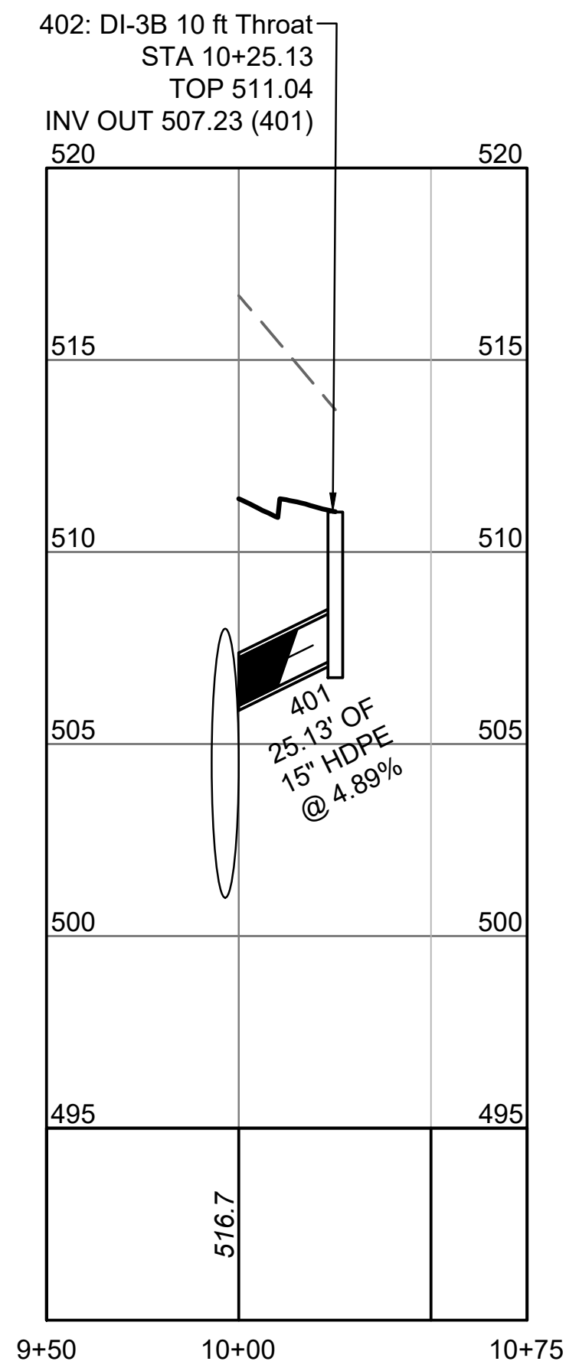
STORM 200 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'



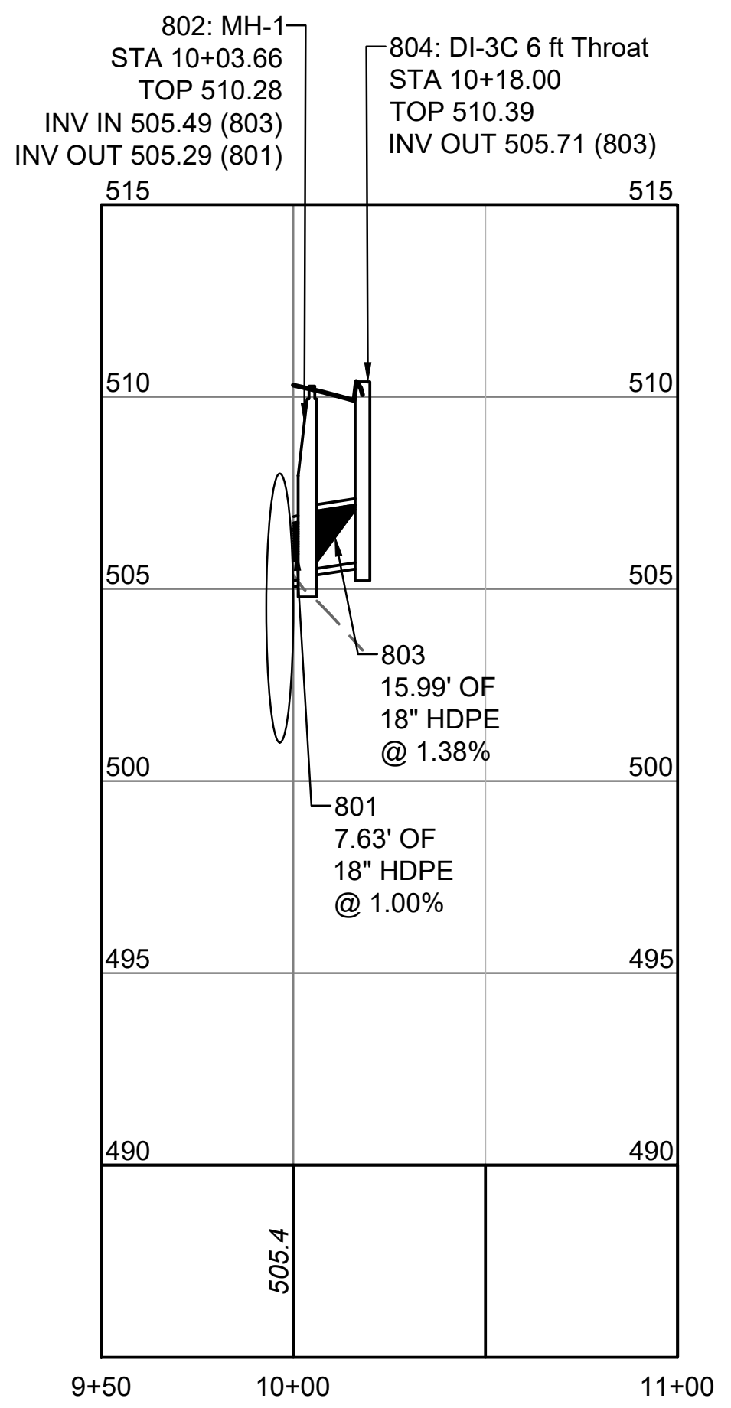
STORM 300 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'



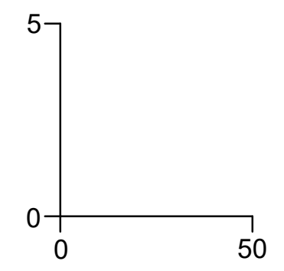
STORM 400 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

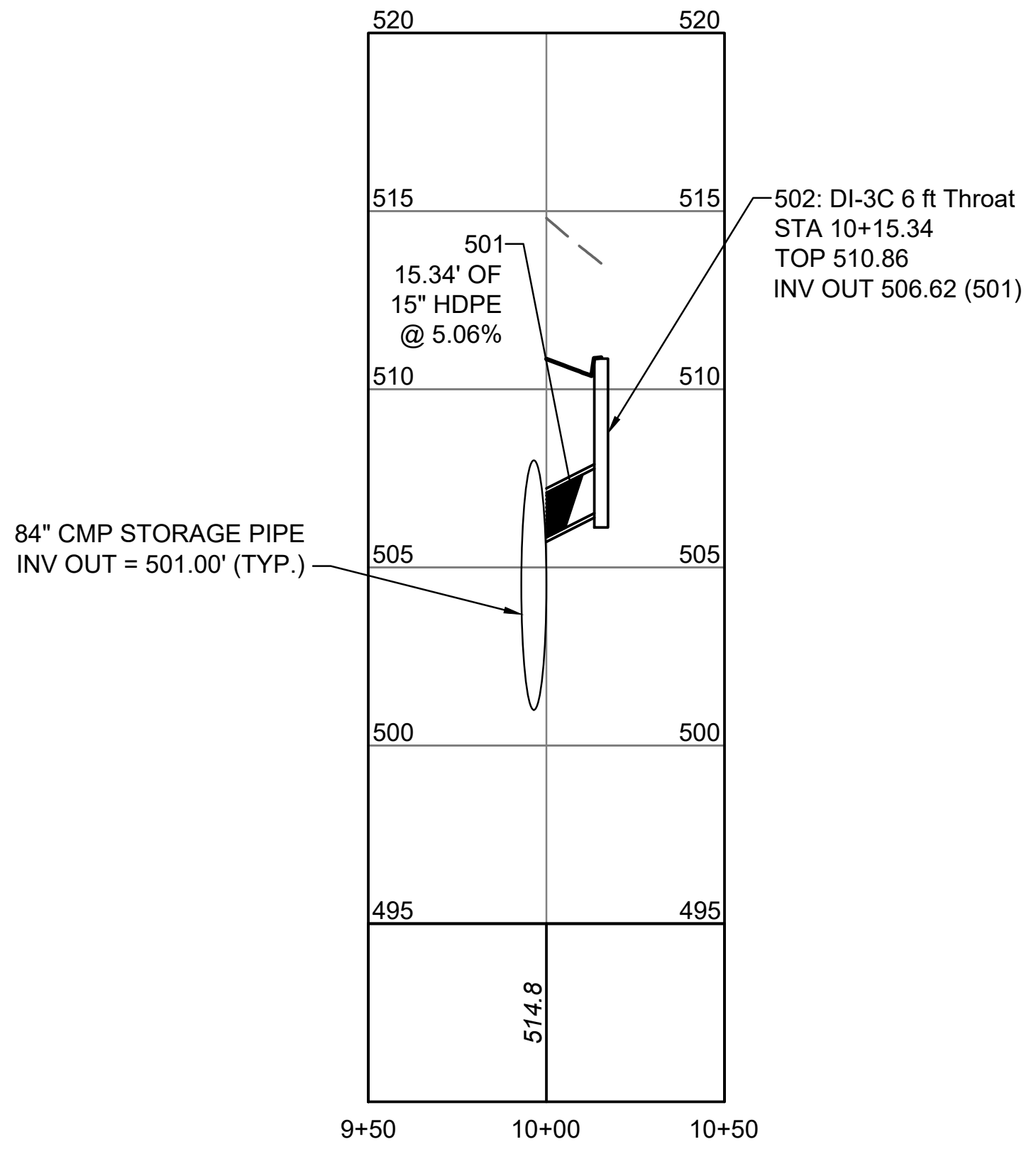


STORM 800 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

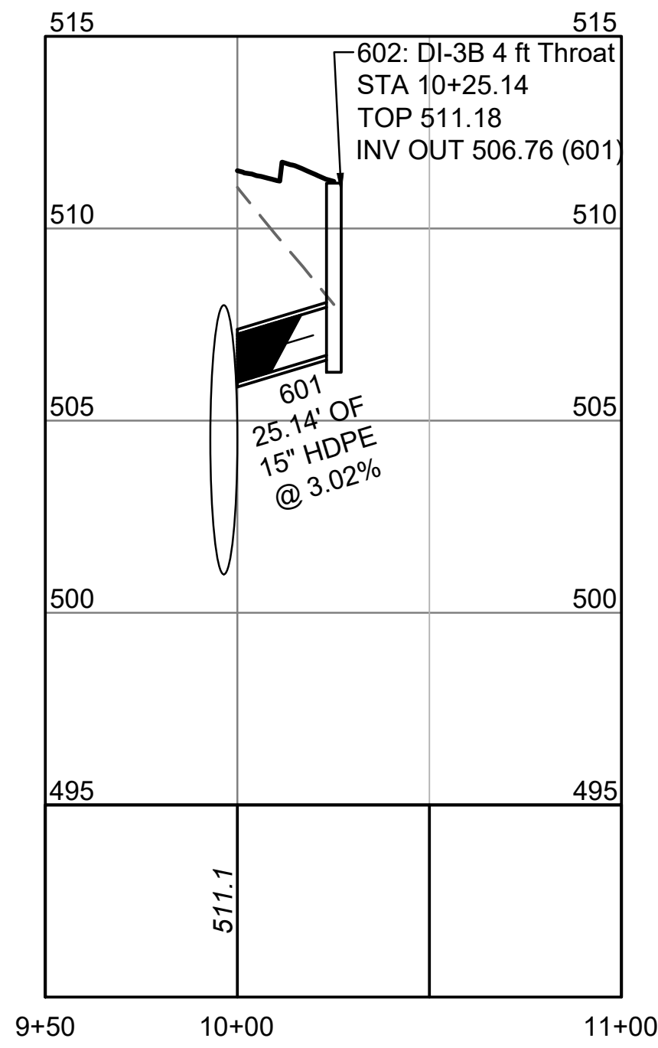


PROFILE SCALE



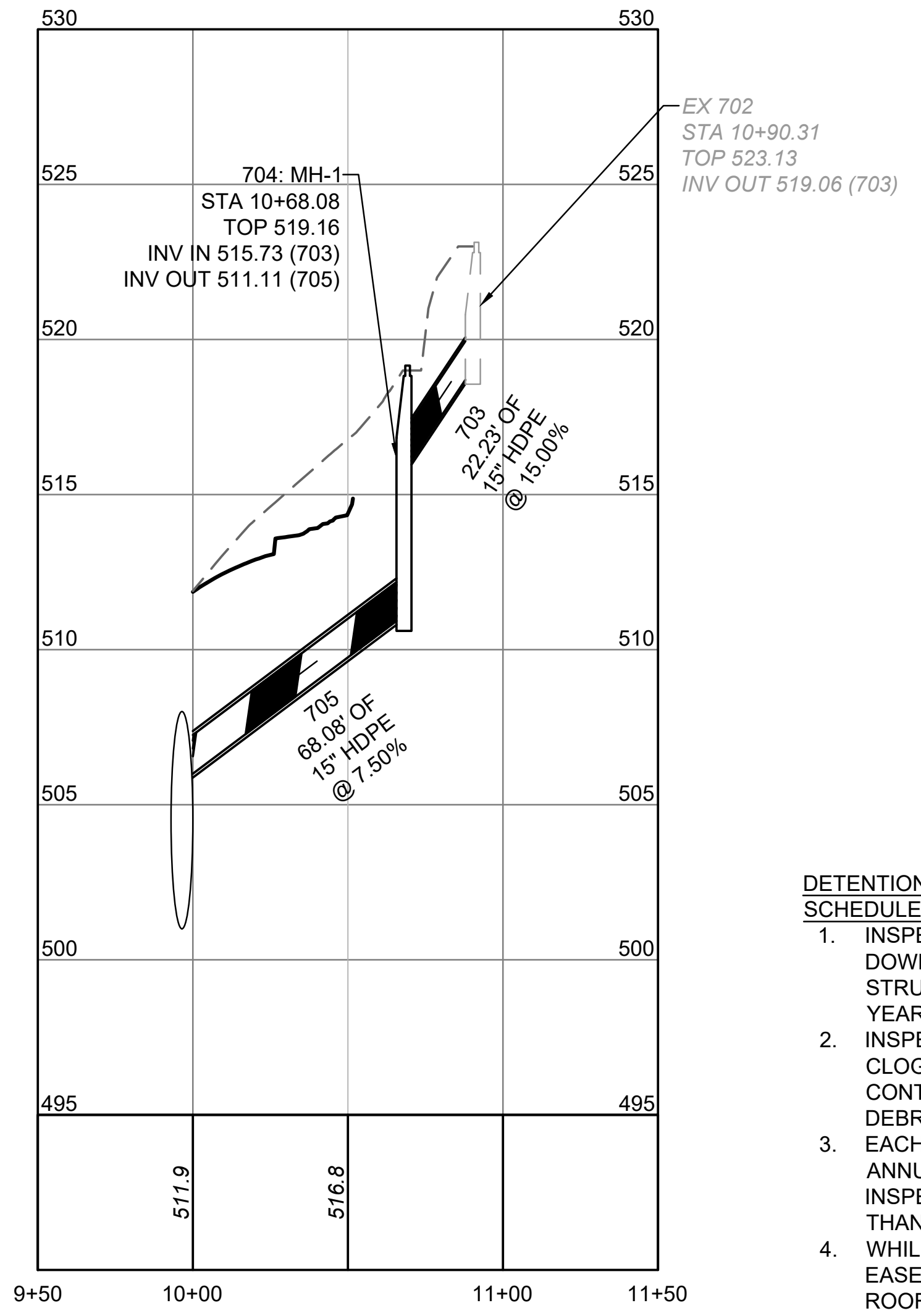
STORM 500 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'



STORM 600 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

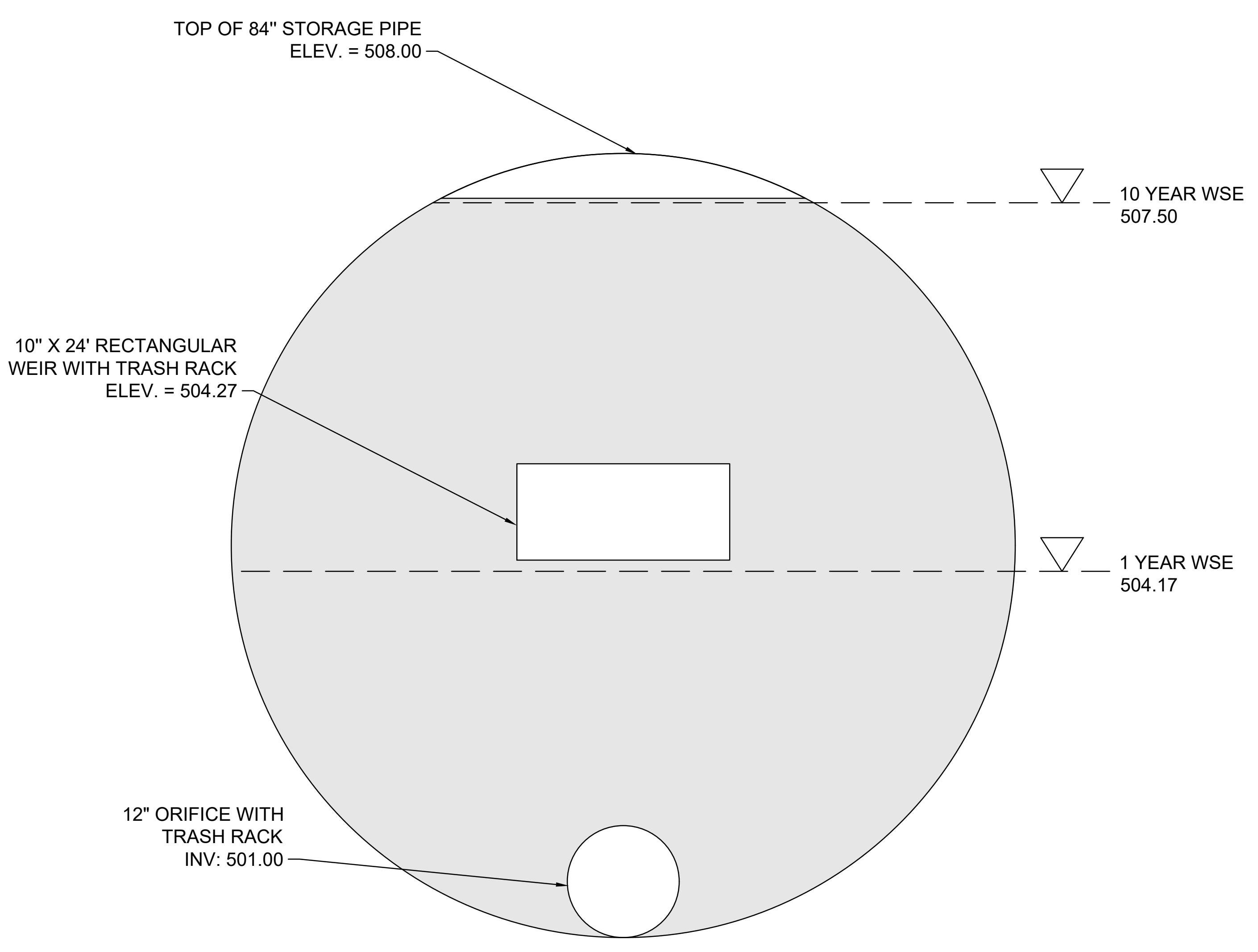


STORM 700 PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

DETENTION SYSTEMS INSPECTION/MAINTENANCE SCHEDULE:

1. INSPECT PIPE SYSTEM BOTH UPSTREAM AND DOWNSTREAM OF WEIR PLATE CONTROL STRUCTURE FOR SEDIMENT BUILDUP ON A YEARLY BASIS.
2. INSPECT WEIR PLATE CONTROL STRUCTURE FOR CLOGGED ORIFICES ON A YEARLY BASIS. IF ANY CONTROL ORIFICES ARE CLOGGED, REMOVE DEBRIS.
3. EACH DETENTION PIPE SHALL BE CLEANED OUT ANNUALLY, OR MORE FREQUENTLY IF ANNUAL INSPECTION/CLEANING SHOWS MORE SEDIMENT THAN ANTICIPATED.
4. WHILE NOT REQUIRED TO BE INCLUDED IN THE EASEMENT, FEATURES SUCH AS DOWN SPOUTS, ROOF LEADERS CONVEYANCES, ROOF PEAKS, YARD INLETS, ETC. ARE STILL SUBJECT TO INSPECTION AND ENFORCEMENT UNDER THE VSMP PROGRAM FROM COMPLIANCE.



SWM WEIR PLATE SECTION DETAIL

BA HEALTH
Design for LIFE

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4711 South LeJeune Road
Coral Gables, FL 33146
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CIVIL ENGINEER:
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P: 434.295.5624

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Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER · MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER

Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
JONATHAN SHOWALTER
Lic. No. 0402057151
03/12/26
NOT FOR CONSTRUCTION

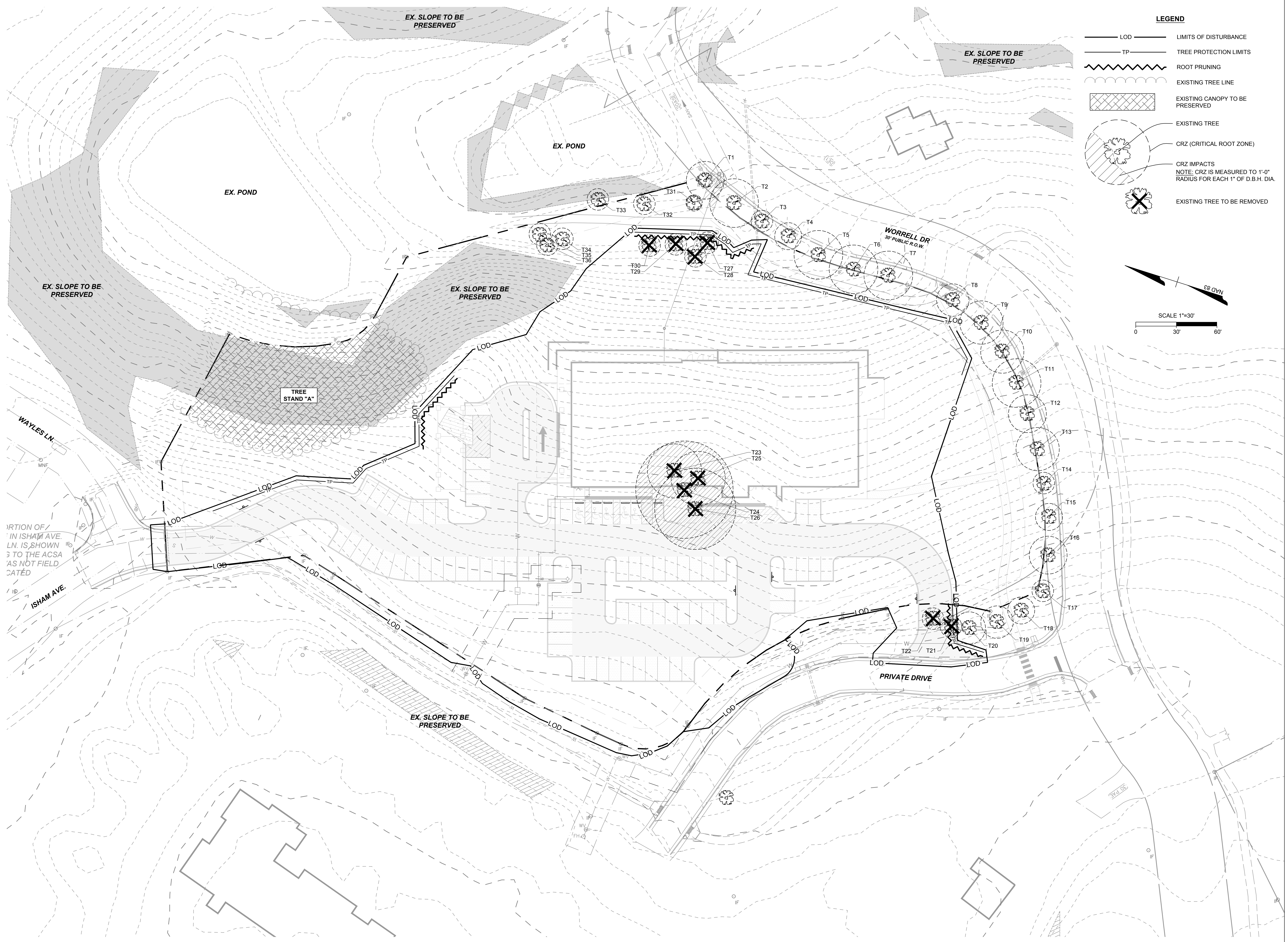
REVISIONS:

No.:	DESCRIPTION	DATE:
1	COUNTY COMMENTS	3/12/2026

TITLE:
STORM PROFILES

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
C7.0



Design for *LIFE*

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
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P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
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GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:

FINAL SITE PLAN

SEAL:
COMMONWEALTH OF VIRGINIA
SCOTT W. WILEY
No. 1629
02/26/26
LANDSCAPE ARCHITECT
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:

TREE PRESERVATION PLAN

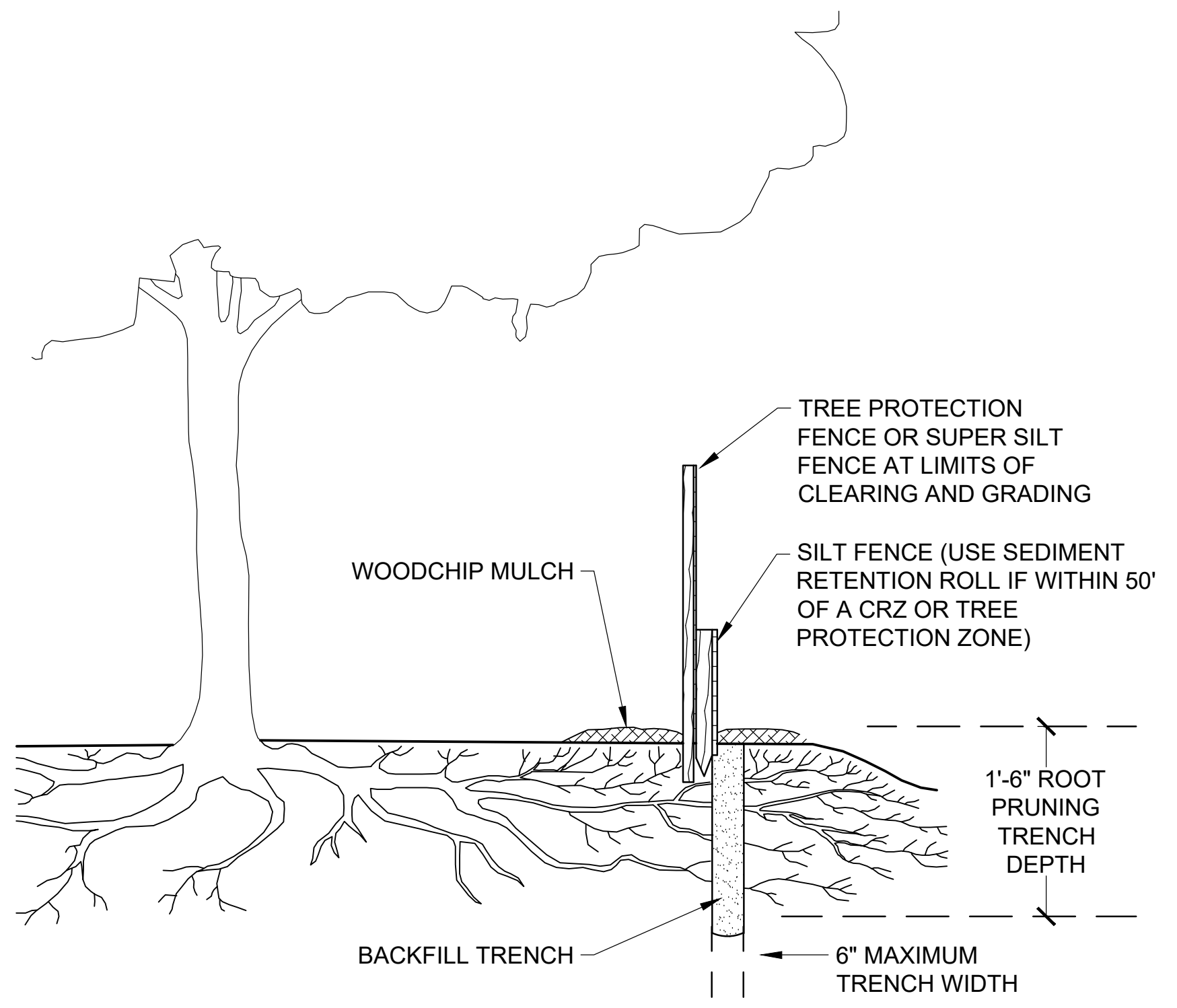
Project No: 02496.000
Date: 2/23/2026
Scale: 1" = 30'
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:

L1.0

TREE INVENTORY AN ANALYSIS

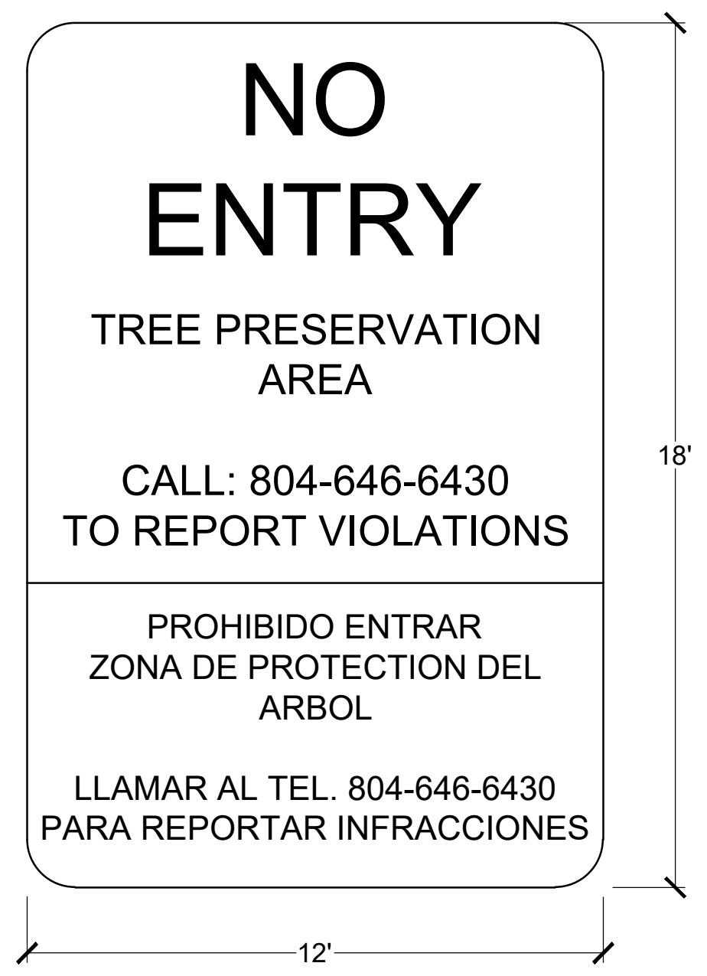
TREE TAG NO.	BOTANICAL NAME	COMMON NAME	CAL. D.B.H. (in.)*	TRUNK AREA (sq. in.)	CRZ DIAMETER (FT)	SAVE OR REMOVE	NOTES
1	Liquidambar styraciflua	Sweetgum	14	12.83	28	**SAVE**	STREET TREE
2	Liquidambar styraciflua	Sweetgum	18	21.21	36	**SAVE**	STREET TREE
3	Liquidambar styraciflua	Sweetgum	8	4.19	16	**SAVE**	STREET TREE
4	Liquidambar styraciflua	Sweetgum	10	6.54	20	**SAVE**	STREET TREE
5	Liquidambar styraciflua	Sweetgum	18	21.21	36	**SAVE**	STREET TREE
6	Liquidambar styraciflua	Sweetgum	18	21.21	36	**SAVE**	STREET TREE
7	Liquidambar styraciflua	Sweetgum	18	21.21	36	**SAVE**	STREET TREE
8	Liquidambar styraciflua	Sweetgum	12	9.42	24	**SAVE**	STREET TREE
9	Liquidambar styraciflua	Sweetgum	16	16.76	32	**SAVE**	STREET TREE
10	Liquidambar styraciflua	Sweetgum	16	16.76	32	**SAVE**	STREET TREE
11	Liquidambar styraciflua	Sweetgum	18	21.21	36	**SAVE**	STREET TREE
12	Liquidambar styraciflua	Sweetgum	14	12.83	28	**SAVE**	STREET TREE
13	Liquidambar styraciflua	Sweetgum	16	16.76	32	**SAVE**	STREET TREE
14	Liquidambar styraciflua	Sweetgum	8	4.19	16	**SAVE**	STREET TREE
15	Liquidambar styraciflua	Sweetgum	10	6.54	20	**SAVE**	STREET TREE
16	Liquidambar styraciflua	Sweetgum	14	12.83	28	**SAVE**	STREET TREE
17	Liquidambar styraciflua	Sweetgum	8	4.19	16	**SAVE**	STREET TREE
18	Koelreuteria paniculata	Goldenraintree	10	6.54	20	**SAVE**	CODOMINANT LEADERS
19	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**SAVE**	
20	Gleditsia triacanthos	Honeylocust	12	9.42	24	**SAVE**	
21	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**REMOVE**	
22	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**REMOVE**	
23	_Dead	Dead	20	26.18	40	**REMOVE**	DEAD
24	**_Dead**	**Dead**	**36**	**84.82**	**72**	**REMOVE**	**DEAD**
25	_Dead	Dead	23	34.62	46	REMOVE	DEAD
26	**_Dead**	**Dead**	**30**	**58.90**	**60**	**REMOVE**	**DEAD**
27	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**REMOVE**	
28	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**REMOVE**	
29	Lagerstroemia indica	Crape Myrtle	8	4.19	16	**REMOVE**	
30	Cornus florida	Flowering dogwood	8	4.19	16	**REMOVE**	Codominant Leaders
31	Cornus florida	Flowering dogwood	6	28.27	12	**SAVE**	
32	Cornus florida	Flowering dogwood	8	50.27	16	**SAVE**	
33	Cornus florida	Flowering dogwood	8	50.27	16	**SAVE**	
34	Lagerstroemia indica	Crape Myrtle	6	28.27	12	**SAVE**	
35	Lagerstroemia indica	Crape Myrtle	6	28.27	12	**SAVE**	
36	Lagerstroemia indica	Crape Myrtle	6	28.27	12	**SAVE**	


TREE PROTECTION FENCE OR SUPER SILT FENCE AT LIMITS OF CLEARING AND GRADING
WOODCHIP MULCH
SILT FENCE (USE SEDIMENT RETENTION ROLL IF WITHIN 50' OF A CRZ OR TREE PROTECTION ZONE)
1'-6" ROOT PRUNING TRENCH DEPTH
BACKFILL TRENCH
6" MAXIMUM TRENCH WIDTH

1 TREE PROTECTION FENCE & ROOT PRUNING

3/4" = 1'-0"

NOTE:
AFFIX TO TREE PROTECTION FENCING AND LOCATE AT A MINIMUM OF 50 FT. INTERVALS.



2 TREE PROTECTION: BILINGUAL SIGN

3" = 1'-0"

Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
PACE COLLABORATIVE
1277 Perimeter Pkwy
Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
SCOTT W. WILEY
No. 1629
02/26/26
NOT FOR CONSTRUCTION

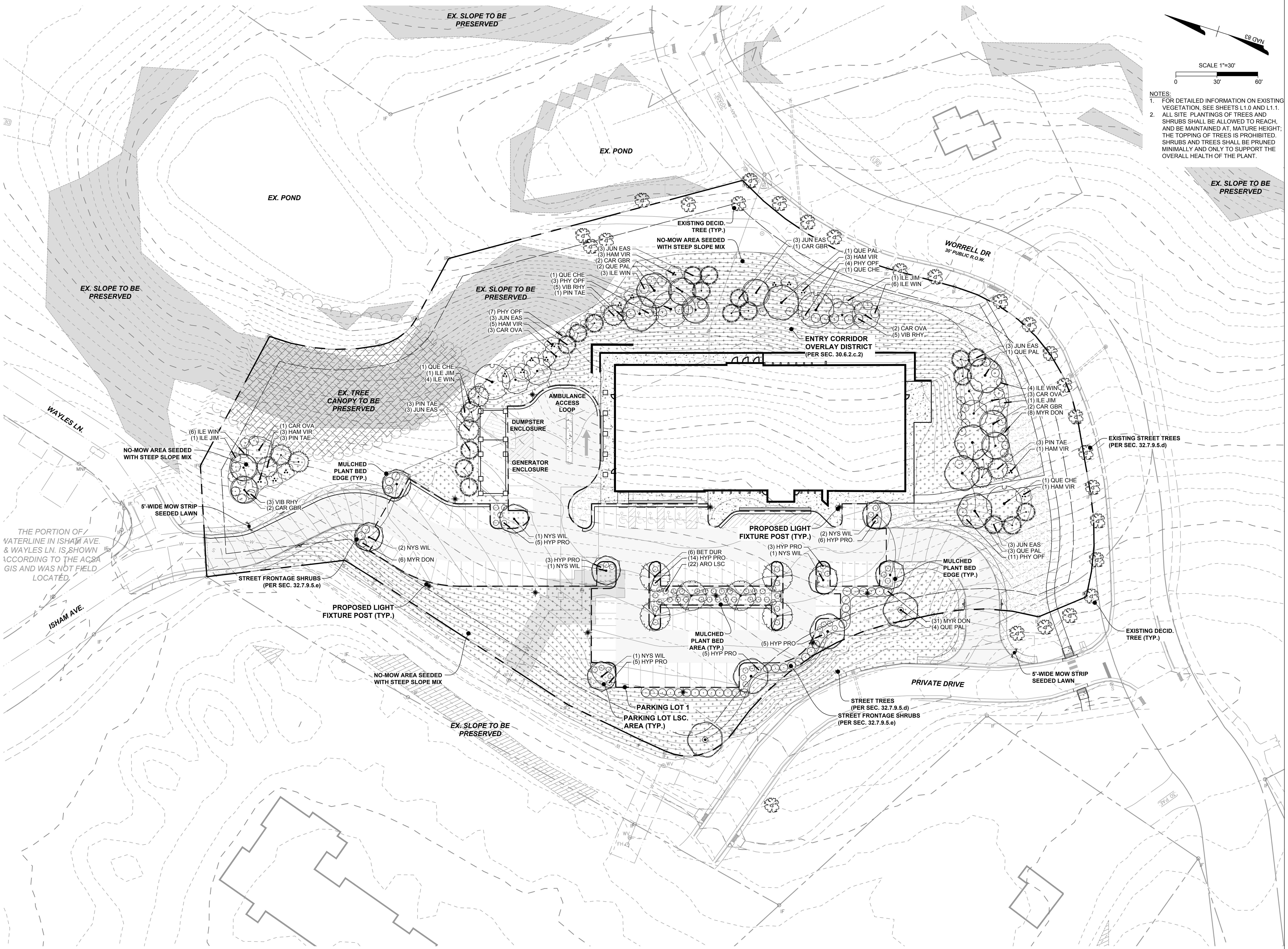
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
TREE PRESERVATION NOTES & DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
L1.1



NOTES:

1. FOR DETAILED INFORMATION ON EXISTING VEGETATION, SEE SHEETS L1.0 AND L1.1.
2. ALL SITE PLANTINGS OF TREES AND SHRUBS SHALL BE ALLOWED TO REACH, AND BE MAINTAINED AT, MATURE HEIGHT; THE TOPPING OF TREES IS PROHIBITED. SHRUBS AND TREES SHALL BE PRUNED MINIMALLY AND ONLY TO SUPPORT THE OVERALL HEALTH OF THE PLANT.

BA HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
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OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 078000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
SCOTT W. WILEY
No. 1629
02/26/26
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
PLANTING PLAN

Project No: 02496.000
Date: 2/23/2026
Scale: 1" = 30'
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L2.0

GENERAL NOTES:

1. PLANTS SHALL CONFORM TO CURRENT "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (ANLA), PARTICULARLY WITH REGARDS TO SITE, GROWTH, AND SIZE OF BALL AND DENSITY OF BRANCH STRUCTURE. CONTRACTOR TO INSURE ALL PLANT MATERIAL CONFORM TO NATIONAL AND LOCAL BUILDING CODES AND ORDINANCES.
2. ALL PLANTS (B&B OR CONTAINER) SHALL BE PROPERLY IDENTIFIED BY WEATHERPROOF LABELS SECURELY ATTACHED HERETO BEFORE DELIVERY TO PROJECT SITE. LABELS SHALL IDENTIFY PLANTS BY NAME, SPECIES AND SIZE. LABELS SHALL NOT BE REMOVED UNTIL THE FINAL INSPECTION BY THE OWNER'S REPRESENTATIVE.
3. ANY MATERIAL AND/OR WORK MAY BE REJECTED BY THE OWNER'S REPRESENTATIVE IF IT DOES NOT MEET THE REQUIREMENTS OF THE SPECIFICATIONS. THE CONTRACTOR SHALL REMOVE ALL REJECTED MATERIALS FROM THE SITE.
4. THE CONTRACTOR SHALL FURNISH ALL PLANTS IN QUANTITIES AND SIZES TO COMPLETE THE WORK AS SPECIFIED IN PLANT SCHEDULE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL PLANT QUANTITIES ON THE PLANS PRIOR TO COMMENCEMENT OF WORK. QUANTITIES IN THE PLANT SCHEDULE ARE FOR THE CONTRACTORS CONVENIENCE ONLY AND DO NOT CONSTITUTE THE FINAL COUNT.
5. SUBSTITUTIONS REQUIRE WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE AND MAY REQUIRE FURTHER APPROVALS FROM THE RESPONSIBLE JURISDICTION.
6. PLANTS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS AND BY SCALING OR AS DESIGNATED IN THE FIELD BY THE OWNER'S REPRESENTATIVE. ALL LOCATIONS ARE TO BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE EXCAVATION.
7. CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND UTILITY LINES AND IRRIGATION SYSTEMS PRIOR TO EXCAVATING PLANT BEDS OR PITS. ALL UTILITY EASEMENT AREAS WHERE NO PLANTING SHALL TAKE PLACE SHALL ALSO BE MARKED ON THE SITE, PRIOR TO LOCATING AND DIGGING THE TREE PITS. IF UTILITY LINES ARE ENCOUNTERED IN EXCAVATION OF TREE PITS, OTHER LOCATIONS FOR THE TREES SHALL BE SELECTED BY THE OWNER'S REPRESENTATIVE. SUCH CHANGES SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION. NO CHANGES OF LOCATION SHALL BE MADE WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
8. ALL EQUIPMENT AND TOOLS SHALL BE PLACED SO AS NOT TO INTERFERE OR HINDER THE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW.
9. DURING PLANTING OPERATIONS, EXCESS AND WASTE MATERIALS SHALL BE PROMPTLY AND FREQUENTLY REMOVED FROM THE SITE.
10. ALL SHRUB PITS ARE TO BE EXCAVATED TO A MINIMUM DEPTH TO ALLOW THE SHRUB ROOT BALL TO BE A MINIMUM OF 4" HIGHER THAN FINISH GRADE. ALL PLANT SHRUB BEDS ARE TO BE EXCAVATED TO THE WIDTH SHOWN ON THE PLANS.
11. ALL TREE PITS ARE TO BE EXCAVATED TO A MINIMUM DEPTH TO ALLOW THE TREE ROOT BALL TO BE A MINIMUM OF 2-3" HIGHER THAN FINISH GRADE. THE TREE ROOT BALL IS TO REST ON UNDISTURBED SOIL, OR A COMPACTED BED MUST BE PREPARED FOR THE TREE ROOT BALL TO REST ON AND WHICH WILL NOT SUBSIDE CAUSING THE TREE TO SINK BELOW FINISH GRADE. ALL TREE PITS ARE TO BE A MINIMUM OF 12" LARGER ON EVERY SIDE OF THE TREES ROOT BALL.
12. THE PLANTER BEDS ARE TO BE ENTIRELY CLEANED OUT TO THE UNDISTURBED SOIL LEVEL. ALL EXISTING SOIL, CONSTRUCTION DEBRIS, ROOTS AND OTHER FOREIGN MATERIAL ARE TO BE REMOVED AND DISCARDED OFFSITE.
14. THE TOPSOIL TO BE USED TO FILL THE TREE PITS, SHRUB BEDS AND PLANTERS IS TO BE PLANT SPECIFIC THE TOPSOIL FOR THE TREES, SHRUBS AND PLANTER SHALL CONSIST OF A MAXIMUM 2/3 EXISTING TOPSOIL FROM THE SITE, WHICH IS CLEANED AND FREE OF CLAY, A MINIMUM OF 1/3 MUSHROOM COMPOST, OR OTHER APPROVED ORGANIC MATERIAL OR IMPORTED NEW LOAMY TOPSOIL AND 10% COW MANURE. ALL OF THESE MATERIALS ARE TO BE MIXED PRIOR TO PLACING IN THE PLANTER OR BACKFILLING WHEN PLANTING.
15. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL PLANT PITS ARE WELL DRAINED. THE LANDSCAPE CONTRACTOR WITHOUT COST TO THE OWNER WILL REPLACE ALL PLANT MATERIAL, WHICH IS AFFECTED BY POOR DRAINAGE.
16. ALL LAWN AREAS ARE TO BE TILLED TO A DEPTH OF 6" AND ALL FOREIGN MATERIAL REMOVED WHICH WILL INHIBIT THE HEALTHY GROWTH OF THE GRASS. ALL OLD GRASS AND GRASS ROOTS ARE TO BE REMOVED FROM THE SITE. NEW TOPSOIL OF A MINIMUM 4" IS TO BE PLACED OVER THE AREAS TO BE SODDED. THE GRASS AREAS ARE TO BE FINE GRADED TO ENSURE THAT NO UNDULATIONS OCCUR. THE LAWN TOPSOIL IS TO BE ROLLED AND LIGHTLY IRRIGATED PRIOR TO PLACING OF THE SEED. THE SEED IS NOT TO BE LAID ON FROZEN OR SOAKED SOIL.
17. THE TREES AND SHRUBS ARE TO BE HANDLED WITH THE BEST CARE AND ATTENTION TO ENSURE THAT THE PLANTS ARE NOT BRUISED, BROKEN, TORN, DAMAGED IN ANY WAY WHICH WILL AFFECT THE PLANTS GENERAL APPEARANCE AND WELL BEING.
18. THE TREES AND SHRUBS ARE TO BE PLANTED WITH THE ACCEPTED STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN. THE PLANTS ARE TO BE PROPERLY WATERED AND BACKFILLED DURING THE PLANTING. ALL CARE MUST BE TAKEN TO ENSURE THAT THE PLANTS ARE UPRIGHT, A PLANT'S BEST SIDE IS EXPOSED TO THE POINT OF THE PLANTS GREATEST VISIBILITY.
19. THE TREES MUST BE STAKED IN ACCORDANCE WITH ACCEPTABLE NURSERY PRACTICE TO ENSURE THAT THEY ARE SECURE IN THE GROUND AND WILL GROW STRAIGHT AND UNIFORM. THE TREES ARE TO BE WRAPPED IF THE CONTRACTOR DEEMS IT NECESSARY TO PROTECT THE TREES FROM SUN SCALD OR INSECT ATTACK.
20. TREES SHALL BE LOCATED A MINIMUM OF 3 FEET FROM WALLS AND WALKS.
21. GROUPS OF SHRUBS SHALL BE PLACED IN A CONTINUOUS MULCH BED WITH SMOOTH CONTINUOUS LINES. ALL MULCHED BED EDGES SHALL BE CURVILINEAR IN SHAPE FOLLOWING THE CONTOUR OF THE PLANT MASS. TREES LOCATED WITHIN 4 FEET OF SHRUB BEDS SHALL SHARE SAME MULCH BED. MULCH SHALL BE SHREDDED HARDWOOD 3" IN SIZE. MULCH COLOR AND TEXTURE SHALL BE CONSISTENT IN ALL BEDS.
22. PLANT ALL TREES AT FOUR (4) FEET FROM THE END OF HEAD-IN PARKING SPACES TO PREVENT DAMAGE FROM CAR OVERHANGS.
23. DIG THE TREE PIT AT LEAST ONE (1) FOOT WIDER THAN THE ROOT BALL AND EQUAL TO THE BALL'S VERTICAL DIMENSION,SO THE TOP OF THE ROOT BALL WILL BE FLUSH WITH THE GROUND LEVEL.
24. ESPECIALLY IN AREAS WHERE CONSTRUCTION ACTIVITY HAS COMPACTED THE SOIL, THE BOTTOM OF THE PIT SHOULD BE SCARIFIED OR LOOSENED WITH A PICKAX OR SHOVEL.
25. BACKFILL FOR ENTIRE PARKING ISLANDS AND PLANTING AREAS SHOULD BE WITH THE SITE'S EXISTING SOIL HOWEVER, IF SOIL IS HARD, COMPACTED FILL DIRT, THE SOIL IN THE ENTIRE PARKING ISLANDS AND PLANTING AREAS SHOULD BE IMPROVED WITH ORGANIC MATTER AND THE GROUND WORKED SO THAT IT CAN BE MORE EASILY PLANTED. ALL ROOTS MUST BE COMPLETELY COVERED. PLANT MATERIAL SHOULD BE THOROUGHLY WATERED AFTER INSTALLATION.
26. HERBACEOUS EMBANKMENT PLANTINGS SHOULD BE LIMITED TO 10 INCHES IN HEIGHT.
27. PLANTS SHALL NOT BLOCK MAINTENANCE ACCESS TO STRUCTURES WITH TREES OR SHRUBS.
28. ALL PLANTING AREAS SHALL CONTAIN SOILS SUITABLE FOR PLANTING. SOILS SHALL BE FREE OF CONSTRUCTION MATERIALS. EXCESSIVE ROCK AND GRAVEL OR COMPACTION SHALL BE ADDRESSED PRIOR TO INSTALLATION OF LANDSCAPE MATERIAL.

ALBEMARLE COUNTY NOTE:

1. ALL SITE PLANTINGS OF TREES AND SHRUBS SHALL BE ALLOWED TO REACH, AND BE MAINTAINED AT, MATURE HEIGHT; THE TOPPING OF TREES IS PROHIBITED. SHRUBS AND TREES SHALL BE PRUNED MINIMALLY AND ONLY TO SUPPORT THE OVERALL HEALTH OF THE PLANT.

CONSTRUCTION NOTES:

PRE-CONSTRUCTION NOTES

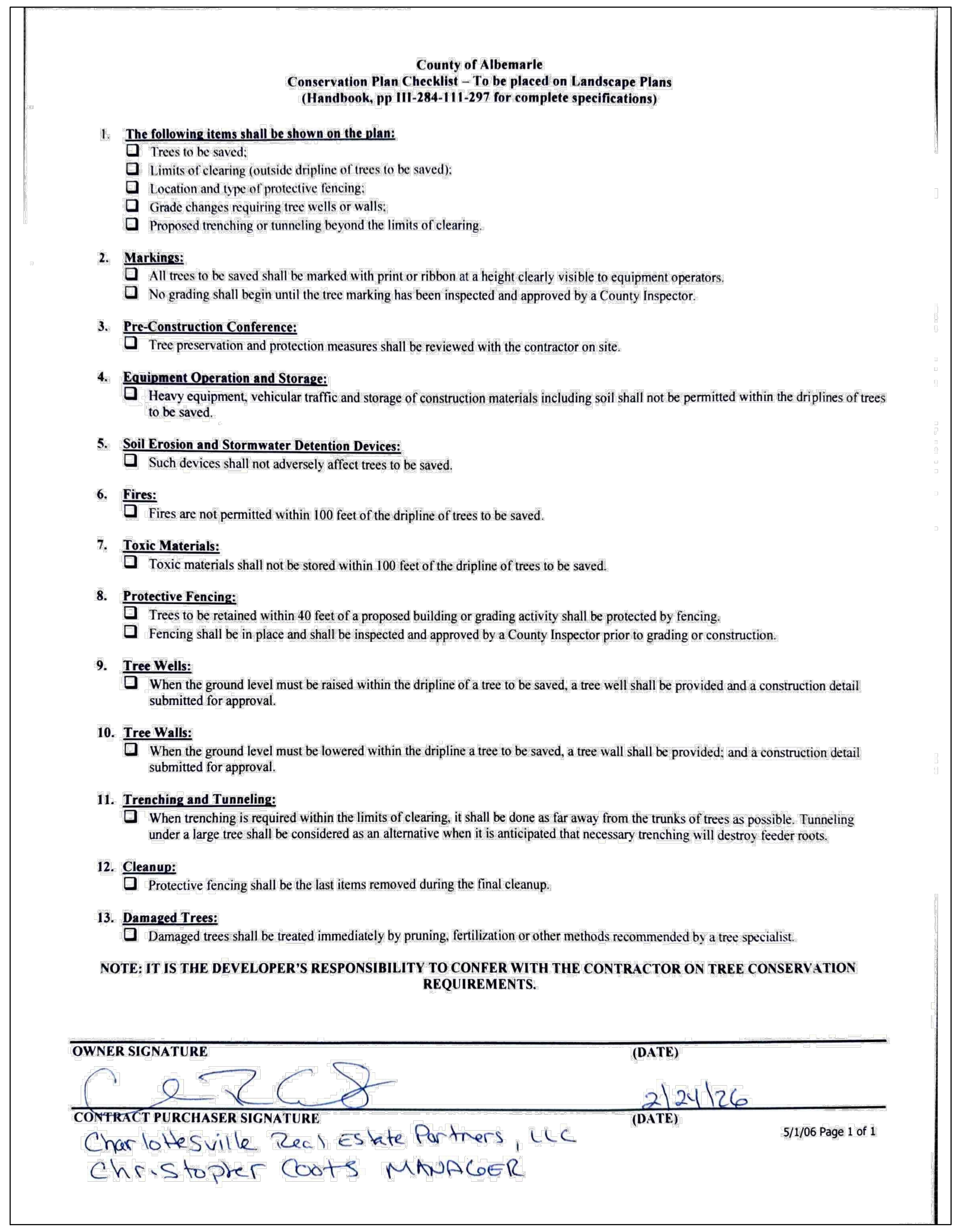
1. CONTRACTOR IS RESPONSIBLE FOR CONTACTING "MISS UTILITY" AT 1.800.552.7001 FOR LOCATION OF ALL UTILITY LINES.TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
2. VERIFY ALL PLANT MATERIAL QUANTITIES ON THE PLAN PRIOR TO BIDDING, PLANT LIST TOTALS ARE FOR CONVENIENCE ONLY AND SHALL BE VERIFIED PRIOR TO BIDDING.
3. PROVIDE PLANT MATERIALS OF QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY INDICATED ON PLANS. ALL PLANT MATERIALS AND INSTALLATION SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". IF SPECIFIED PLANT MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON AVAILABILITY TO THE OWNERS REPRESENTATIVE, TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL.
4. PROVIDE AND INSTALL ALL PLANTS AS IN ACCORDANCE WITH DETAILS AND CONTRACT SPECIFICATIONS

CONSTRUCTION/INSTALLATION

1. OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK"
2. CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTOR SHALL NOTIFY OWNER OF CONDITIONS WHICH AFFECTS THE GUARANTEE.
3. MULCH SHOULD BE PLACED TO A UNIFORM THICKNESS OF 2" TO 3". SHREDDED HARDWOOD MULCH IS THE ONLY ACCEPTED MULCH. SHREDDED MULCH MUST BE WELL AGED (6 TO 12 MONTHS) FOR ACCEPTANCE.
4. TREES SHALL BE BRACED USING 2" BY 2" STAKES ONLY AS NECESSARY AND FOR THE FIRST GROWING SEASON ONLY. STAKES ARE TO BE EQUALLY SPACED ON THE OUTSIDE OF THE TREE BALL.

INSPECTION/GUARANTEE

1. UPON COMPLETION OF LANDSCAPE INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR WHO WILL VERIFY COMPLETENESS, INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL INSPECTION BY THE OWNERS REPRESENTATIVE.
2. ALL EXTERIOR PLANT MATERIALS SHALL BE GUARANTEED FOR ONE (1) FULL YEAR AFTER DATE OF FINAL INSPECTION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. DEFECTS RESULTING FROM NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTORS CONTROL ARE NOT THE RESPONSIBILITY OF THE CONTRACTOR
3. PLANT MATERIAL QUANTITIES AND SIZES WILL BE INSPECTED FOR COMPLIANCE WITH APPROVED PLANS BY A SITE PLAN REVIEW AGENT OF THE PLANNING DEPARTMENT PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY.



County of Albemarle
Conservation Plan Checklist – To be placed on Landscape Plans
(Handbook, pp III-284-111-297 for complete specifications)

1. **The following items shall be shown on the plan:**
   - ☐ Trees to be saved;
   - ☐ Limits of clearing (outside dripline of trees to be saved);
   - ☐ Location and type of protective fencing;
   - ☐ Grade changes requiring tree wells or walls;
   - ☐ Proposed trenching or tunneling beyond the limits of clearing.
2. **Markings:**
   - ☐ All trees to be saved shall be marked with print or ribbon at a height clearly visible to equipment operators.
   - ☐ No grading shall begin until the tree marking has been inspected and approved by a County Inspector.
3. **Pre-Construction Conference:**
   - ☐ Tree preservation and protection measures shall be reviewed with the contractor on site.
4. **Equipment Operation and Storage:**
   - ☐ Heavy equipment, vehicular traffic and storage of construction materials including soil shall not be permitted within the driplines of trees to be saved.
5. **Soil Erosion and Stormwater Detention Devices:**
   - ☐ Such devices shall not adversely affect trees to be saved.
6. **Fires:**
   - ☐ Fires are not permitted within 100 feet of the dripline of trees to be saved.
7. **Toxic Materials:**
   - ☐ Toxic materials shall not be stored within 100 feet of the dripline of trees to be saved.
8. **Protective Fencing:**
   - ☐ Trees to be retained within 40 feet of a proposed building or grading activity shall be protected by fencing.
   - ☐ Fencing shall be in place and shall be inspected and approved by a County Inspector prior to grading or construction.
9. **Tree Wells:**
   - ☐ When the ground level must be raised within the dripline of a tree to be saved, a tree well shall be provided and a construction detail submitted for approval.
10. **Tree Walls:**
    - ☐ When the ground level must be lowered within the dripline a tree to be saved, a tree wall shall be provided; and a construction detail submitted for approval.
11. **Trenching and Tunneling:**
    - ☐ When trenching is required within the limits of clearing, it shall be done as far away from the trunks of trees as possible. Tunneling under a large tree shall be considered as an alternative when it is anticipated that necessary trenching will destroy feeder roots.
12. **Cleanup:**
    - ☐ Protective fencing shall be the last items removed during the final cleanup.
13. **Damaged Trees:**
    - ☐ Damaged trees shall be treated immediately by pruning, fertilization or other methods recommended by a tree specialist.

NOTE: IT IS THE DEVELOPER'S RESPONSIBILITY TO CONFER WITH THE CONTRACTOR ON TREE CONSERVATION REQUIREMENTS.

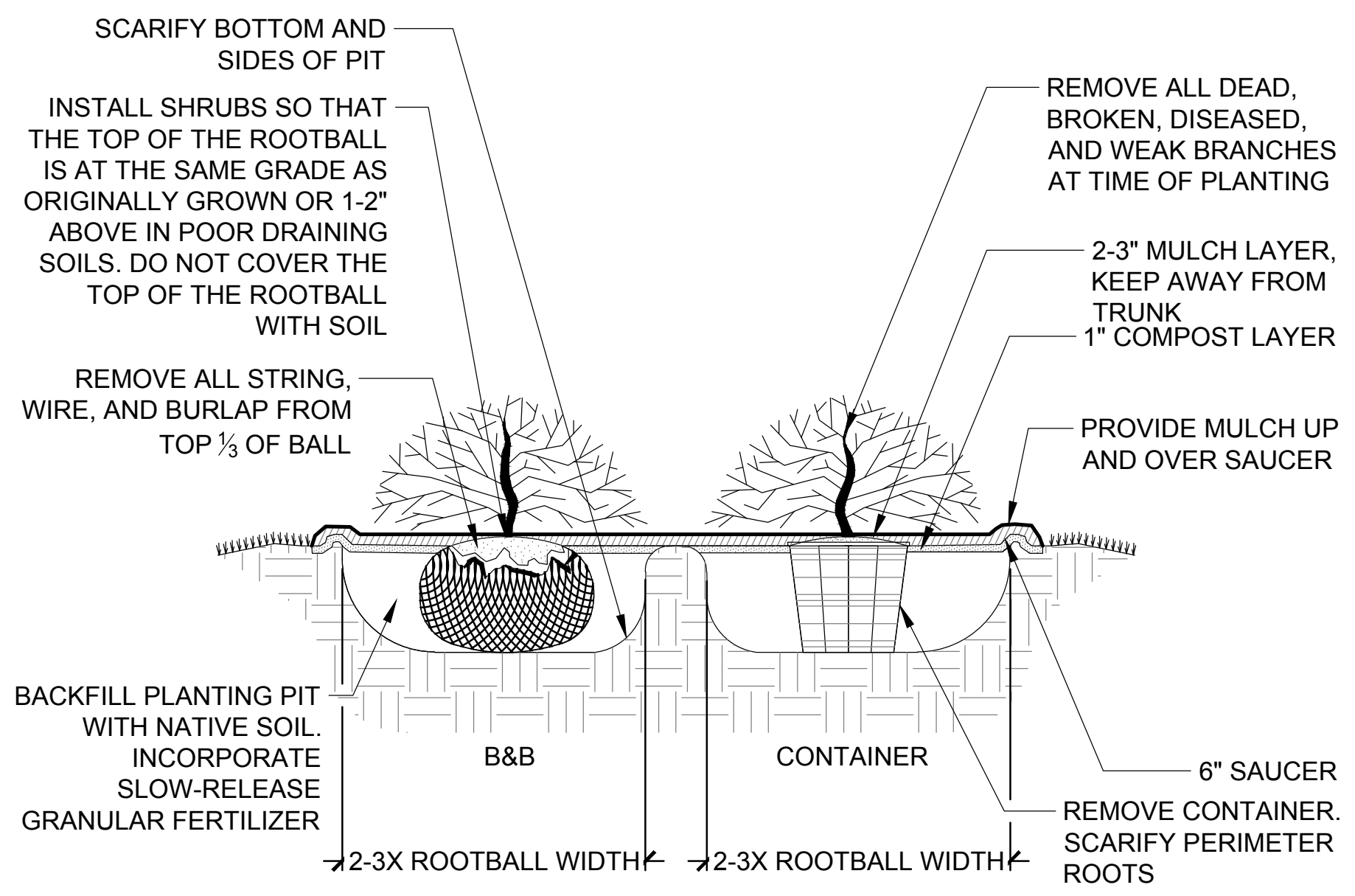
OWNER SIGNATURE **(DATE)**

2/24/26

CONTRACT PURCHASER SIGNATURE **(DATE)**

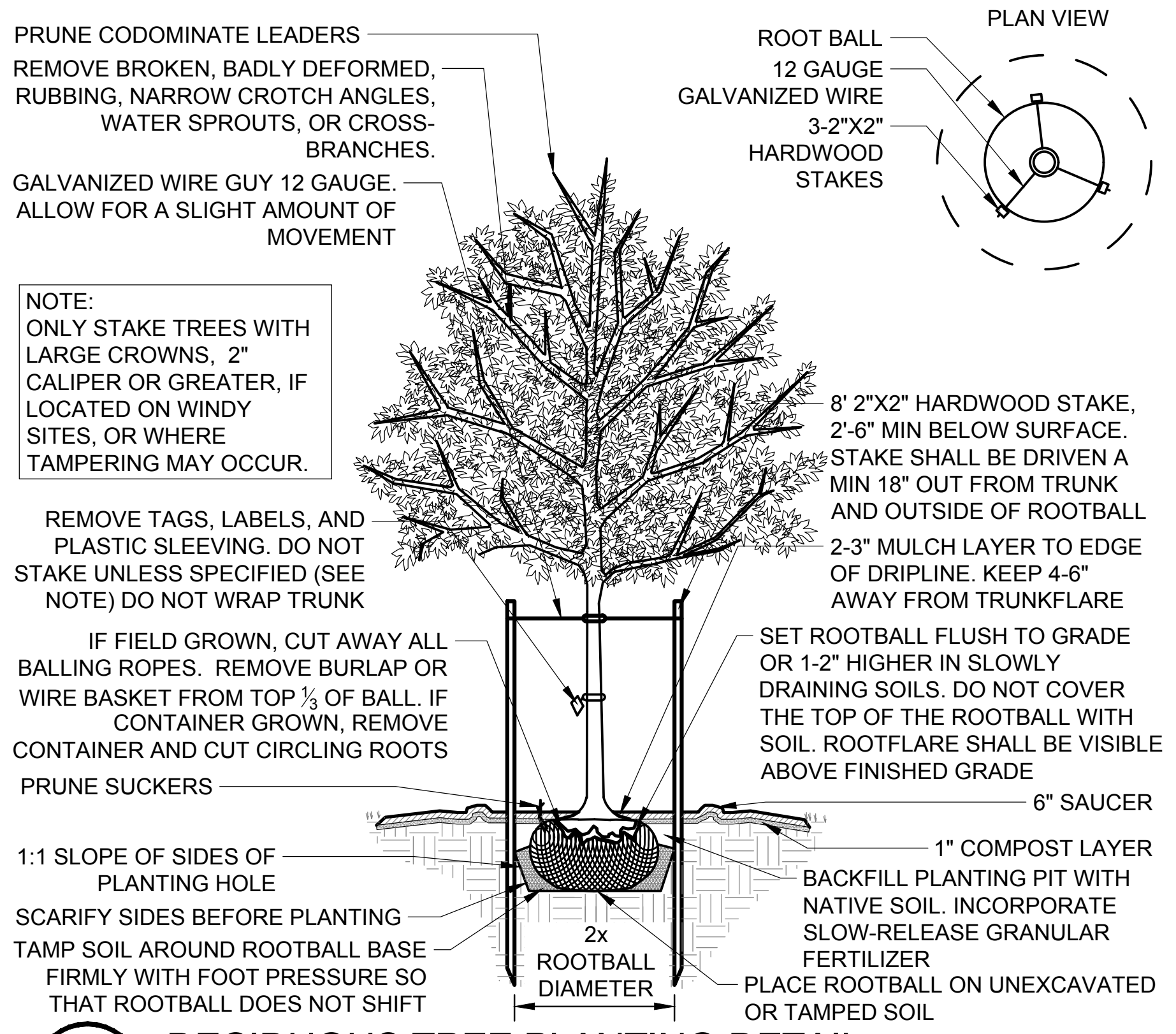
Charlottesville Real Estate Partners, LLC
Christopher Coots MANAGER

5/1/06 Page 1 of 1


SCARIFY BOTTOM AND SIDES OF PIT
INSTALL SHRUBS SO THAT THE TOP OF THE ROOTBALL IS AT THE SAME GRADE AS ORIGINALLY GROWN OR 1-2" ABOVE IN POOR DRAINING SOILS. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL
REMOVE ALL STRING, WIRE, AND BURLAP FROM TOP ⅓ OF BALL
BACKFILL PLANTING PIT WITH NATIVE SOIL. INCORPORATE SLOW-RELEASE GRANULAR FERTILIZER
B&B
CONTAINER
2-3X ROOTBALL WIDTH
2-3X ROOTBALL WIDTH
REMOVE ALL DEAD, BROKEN, DISEASED, AND WEAK BRANCHES AT TIME OF PLANTING
2-3" MULCH LAYER, KEEP AWAY FROM TRUNK
1" COMPOST LAYER
PROVIDE MULCH UP AND OVER SAUCER
6" SAUCER
REMOVE CONTAINER. SCARIFY PERIMETER ROOTS

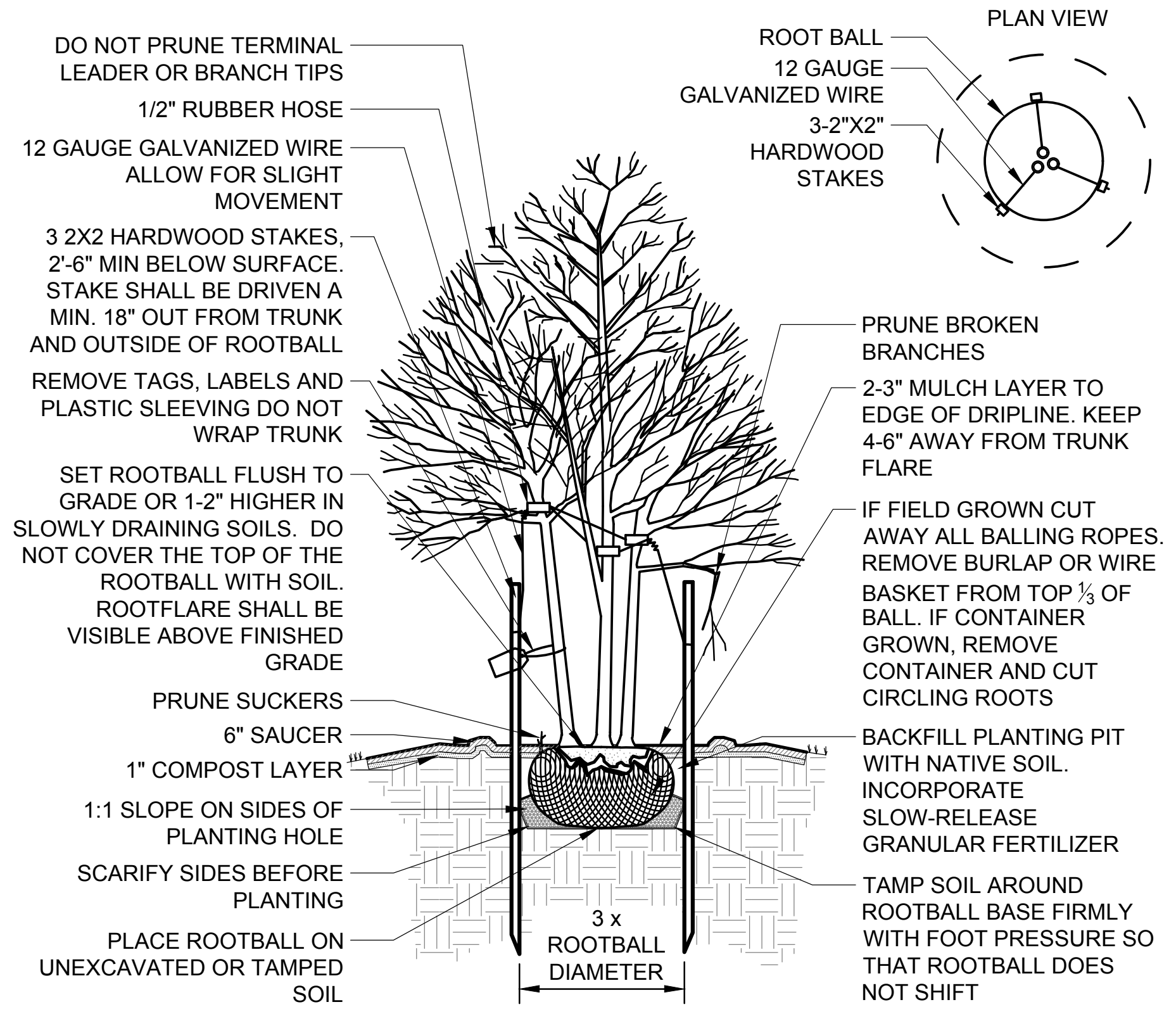
④ SHRUB PLANTING DETAIL

NTS


PRUNE CODOMINATE LEADERS
REMOVE BROKEN, BADLY DEFORMED, RUBBING, NARROW CROTCH ANGLES, WATER SPROUTS, OR CROSS-BRANCHES.
GALVANIZED WIRE GUY 12 GAUGE. ALLOW FOR A SLIGHT AMOUNT OF MOVEMENT
NOTE: ONLY STAKE TREES WITH LARGE CROWNS, 2" CALIPER OR GREATER, IF LOCATED ON WINDY SITES, OR WHERE TAMPERING MAY OCCUR.
REMOVE TAGS, LABELS, AND PLASTIC SLEEVING. DO NOT STAKE UNLESS SPECIFIED (SEE NOTE) DO NOT WRAP TRUNK
IF FIELD GROWN, CUT AWAY ALL BALLING ROPES. REMOVE BURLAP OR WIRE BASKET FROM TOP ⅓ OF BALL. IF CONTAINER GROWN, REMOVE CONTAINER AND CUT CIRCLING ROOTS
PRUNE SUCKERS
1:1 SLOPE OF SIDES OF PLANTING HOLE
SCARIFY SIDES BEFORE PLANTING
TAMP SOIL AROUND ROOTBALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOTBALL DOES NOT SHIFT
2x ROOTBALL DIAMETER
PLAN VIEW
ROOT BALL
12 GAUGE GALVANIZED WIRE
3-2"X2" HARDWOOD STAKES
8' 2"X2" HARDWOOD STAKE, 2'-6" MIN BELOW SURFACE. STAKE SHALL BE DRIVEN A MIN 18" OUT FROM TRUNK AND OUTSIDE OF ROOTBALL
2-3" MULCH LAYER TO EDGE OF DRIPLINE. KEEP 4-6" AWAY FROM TRUNKFLARE
SET ROOTBALL FLUSH TO GRADE OR 1-2" HIGHER IN SLOWLY DRAINING SOILS. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL. ROOTFLARE SHALL BE VISIBLE ABOVE FINISHED GRADE
6" SAUCER
1" COMPOST LAYER
BACKFILL PLANTING PIT WITH NATIVE SOIL. INCORPORATE SLOW-RELEASE GRANULAR FERTILIZER
PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL

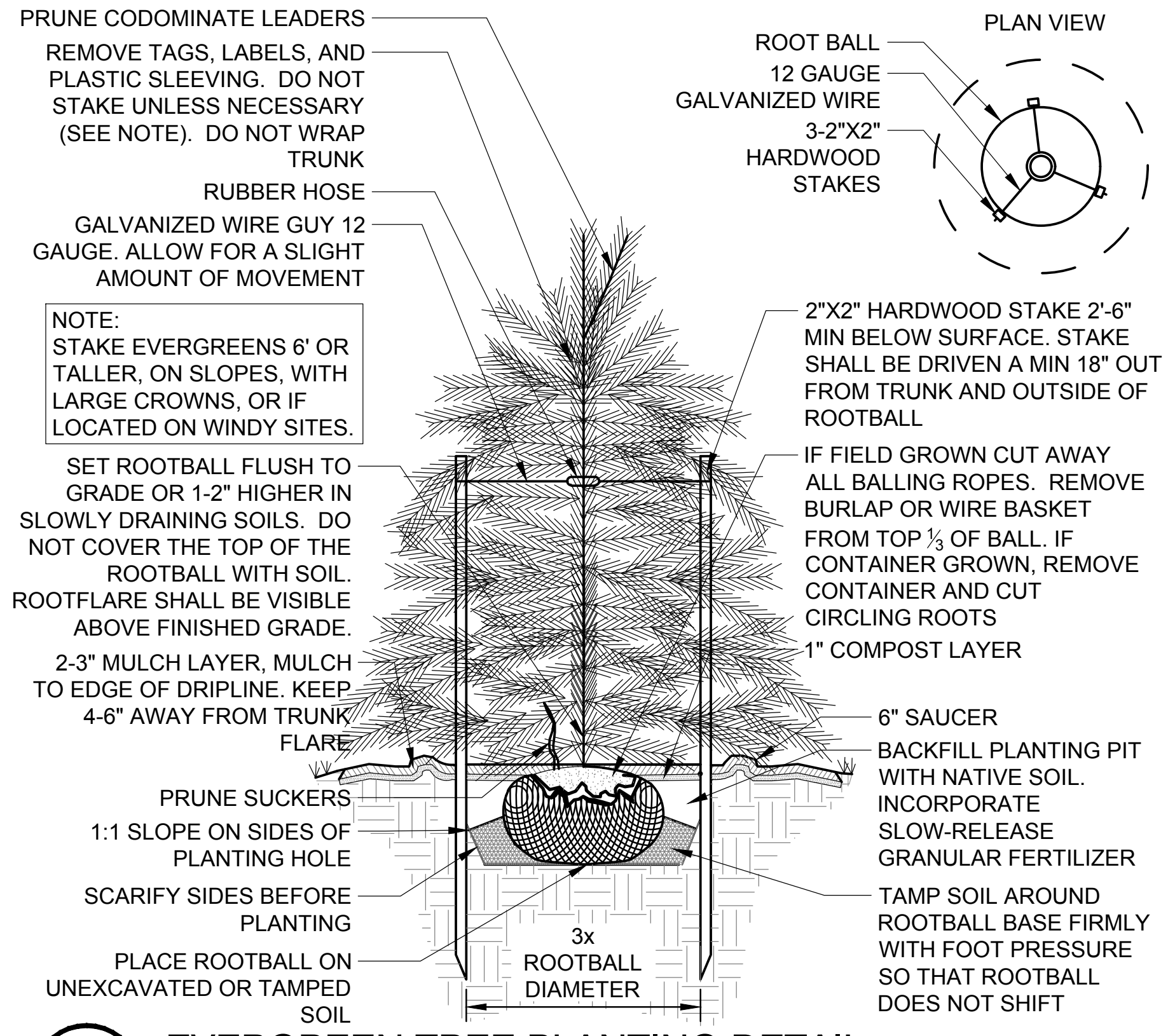
① DECIDUOUS TREE PLANTING DETAIL

NTS


DO NOT PRUNE TERMINAL LEADER OR BRANCH TIPS
1/2" RUBBER HOSE
12 GAUGE GALVANIZED WIRE ALLOW FOR SLIGHT MOVEMENT
3 2X2 HARDWOOD STAKES, 2'-6" MIN BELOW SURFACE. STAKE SHALL BE DRIVEN A MIN. 18" OUT FROM TRUNK AND OUTSIDE OF ROOTBALL
REMOVE TAGS, LABELS AND PLASTIC SLEEVING DO NOT WRAP TRUNK
SET ROOTBALL FLUSH TO GRADE OR 1-2" HIGHER IN SLOWLY DRAINING SOILS. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL. ROOTFLARE SHALL BE VISIBLE ABOVE FINISHED GRADE
PRUNE SUCKERS
6" SAUCER
1" COMPOST LAYER
1:1 SLOPE ON SIDES OF PLANTING HOLE
SCARIFY SIDES BEFORE PLANTING
PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL
3 x ROOTBALL DIAMETER
PLAN VIEW
ROOT BALL
12 GAUGE GALVANIZED WIRE
3-2"X2" HARDWOOD STAKES
PRUNE BROKEN BRANCHES
2-3" MULCH LAYER TO EDGE OF DRIPLINE. KEEP 4-6" AWAY FROM TRUNK FLARE
IF FIELD GROWN CUT AWAY ALL BALLING ROPES. REMOVE BURLAP OR WIRE BASKET FROM TOP ⅓ OF BALL. IF CONTAINER GROWN, REMOVE CONTAINER AND CUT CIRCLING ROOTS
BACKFILL PLANTING PIT WITH NATIVE SOIL. INCORPORATE SLOW-RELEASE GRANULAR FERTILIZER
TAMP SOIL AROUND ROOTBALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOTBALL DOES NOT SHIFT

② MULTI-STEM TREE PLANTING DETAIL

NTS


PRUNE CODOMINATE LEADERS
REMOVE TAGS, LABELS, AND PLASTIC SLEEVING. DO NOT STAKE UNLESS NECESSARY (SEE NOTE). DO NOT WRAP TRUNK
RUBBER HOSE
GALVANIZED WIRE GUY 12 GAUGE. ALLOW FOR A SLIGHT AMOUNT OF MOVEMENT
NOTE: STAKE EVERGREENS 6' OR TALLER, ON SLOPES, WITH LARGE CROWNS, OR IF LOCATED ON WINDY SITES.
SET ROOTBALL FLUSH TO GRADE OR 1-2" HIGHER IN SLOWLY DRAINING SOILS. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL. ROOTFLARE SHALL BE VISIBLE ABOVE FINISHED GRADE.
2-3" MULCH LAYER, MULCH TO EDGE OF DRIPLINE. KEEP 4-6" AWAY FROM TRUNK FLARE
PRUNE SUCKERS
1:1 SLOPE ON SIDES OF PLANTING HOLE
SCARIFY SIDES BEFORE PLANTING
PLACE ROOTBALL ON UNEXCAVATED OR TAMPED SOIL
3x ROOTBALL DIAMETER
PLAN VIEW
ROOT BALL
12 GAUGE GALVANIZED WIRE
3-2"X2" HARDWOOD STAKES
2"X2" HARDWOOD STAKE 2'-6" MIN BELOW SURFACE. STAKE SHALL BE DRIVEN A MIN 18" OUT FROM TRUNK AND OUTSIDE OF ROOTBALL
IF FIELD GROWN CUT AWAY ALL BALLING ROPES. REMOVE BURLAP OR WIRE BASKET FROM TOP ⅓ OF BALL. IF CONTAINER GROWN, REMOVE CONTAINER AND CUT CIRCLING ROOTS
1" COMPOST LAYER
6" SAUCER
BACKFILL PLANTING PIT WITH NATIVE SOIL. INCORPORATE SLOW-RELEASE GRANULAR FERTILIZER
TAMP SOIL AROUND ROOTBALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOTBALL DOES NOT SHIFT

③ EVERGREEN TREE PLANTING DETAIL

NTS

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Design for *LIFE*

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MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
COMMONWEALTH OF VIRGINIA
SCOTT W. WILEY
No. 1629
02/26/26
LANDSCAPE ARCHITECT
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
PLANTING NOTES AND DETAILS

Project No:	02496.000
Date:	2/23/2026
Scale:	
Format:	30" x 42"
Drawn:	S. KIRBY
Checked:	J. SHOWALTER

SHEET:
L3.0

PARKING LOT LANDSCAPE SCHEDULES:

ALBEMARLE COUNTY - PARKING LOT PLANTING				
CODE	REQUIREMENT	CALCULATION	REQUIRED	PROVIDED
SEC. 32.7.9.6(a)	AN AREA OF AT LEAST 5% OF THE PAVED PARKING AND VEHICLE CIRCULATION AREAS SHALL BE LANDSCAPED	34,424 SF * 0.05 = 1,721.2 SF	1,722 SF	4,195 SF
SEC. 32.7.9.6(b)	ONE LARGE OR MEDIUM SHADE TREE PER TEN PARKING SPACES	80 SPACES / 10 = 8 TREES	8 SHADE TREES	14 SHADE TREES

PLANT SCHEDULE - PARKING LOT 1							
CODE	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	10-YEAR CANOPY COVER (SF)	TOTAL COVERAGE (SF)
CANOPY TREES							
BET DUR	6	BETULA NIGRA `DURAHEAT`	DURAHEAT RIVER BIRCH	1.5" CAL.	B&B	397	2,382
NYS WIL	8	NYSSA SYLVATICA 'WILDFIRE'	WILDFIRE TUPELO	1.5" CAL.	B&B	123	984
DECIDUOUS SHRUBS							
ARO LSC	22	ARONIA MELANOCARPA 'UCONNAM165'	LOW SCAPE MOUND® BLACK CHOKEBERRY	12" HT./SPRD.	CONTAINER	13	416
HYP PRO	36	HYPERICUM PROLIFICUM	SHRUBBY ST. JOHN'S WORT	12" HT./SPRD.	CONTAINER	6	522
						TOTAL:	**4,304**

STREET TREE AND FRONTAGE LANDSCAPE SCHEDULES:

ALBEMARLE COUNTY - PARKING LOT PLANTING				
CODE	REQUIREMENT	CALCULATION	REQUIRED	PROVIDED
SEC. 32.7.9.5(d)	ONE LARGE STREET TREE SHALL BE REQUIRED FOR EVERY 50 FEET OF STREET FRONTAGE.	195 LF / 50 = 3.9	4 TREES	4 TREES

PLANT SCHEDULE - TREE SCREENING AND STREET FRONTAGE							
CODE	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	10-YEAR CANOPY COVER (SF)	TOTAL COVERAGE (SF)
CANOPY TREES							
QUE PAL	4	QUERCUS PALUSTRIS	PIN OAK	1.5" CAL.	B&B	370	1,480
EVERGREEN SHRUBS							
MYR DON	31	MYRICA CERIFERA 'DON'S DWARF'	DON'S DWARF WAX MYRTLE	12" HT./SPRD.	CONTAINER	44	2,112
						TOTAL:	**3,592**

ENTRY CORRIDOR ADDITIONAL SCREENING:

PLANT SCHEDULE - ENTRY CORRIDOR SCREENING							
CODE	QTY	BOTANICAL NAME	COMMON NAME	MIN. INSTALLED SIZE	ROOT	10-YEAR CANOPY COVER (SF)	TOTAL COVERAGE (SF)
CANOPY TREES							
CAR GBR	7	CARYA GLABRA	PIGNUT HICKORY	1.5" CAL.	B&B	61	427
CAR OVA	9	CARYA OVATA	SHAGBARK HICKORY	1.5" CAL.	B&B	72	648
QUE PAL	7	QUERCUS PALUSTRIS	PIN OAK	1.5" CAL.	B&B	370	2,590
QUE CHE	4	QUERCUS PRINUS	CHESTNUT OAK	1.5" CAL.	B&B	154	616
EVERGREEN TREES							
JUN EAS	18	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	6` HT.	B&B	79	1,422
PIN TAE	10	PINUS TAEDA	LOBLOLLY PINE	6` HT.	B&B	207	2,070
DECIDUOUS SHRUBS							
HAM VIR	17	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL	12" HT./SPRD.	CONTAINER	113	1,921
PHY OPF	25	PHYSOCARPUS OPULIFOLIUS	NINEBARK	12" HT./SPRD.	CONTAINER	20	500
VIB RHY	13	VIBURNUM x RHYTOIDOPHYLLOIDES 'ALLEGHANY'	ALLEGHANY LANTANAPHYLLUM VIBURNUM	12" HT./SPRD.	CONTAINER	64	832
EVERGREEN SHRUBS							
ILE JIM	4	ILEX VERTICILLATA 'JIM DANDY'	JIM DANDY WINTERBERRY	12" HT./SPRD.	CONTAINER	41	123
ILE WIN	23	ILEX VERTICILLATA 'WINTER RED'	WINTER RED WINTERBERRY	12" HT./SPRD.	CONTAINER	41	943
MYR DON	8	MYRICA CERIFERA 'DON'S DWARF'	DON'S DWARF WAX MYRTLE	12" HT./SPRD.	CONTAINER	44	352
						TOTAL:	**12,444**

TREE COVER SCHEDULES:

ALBEMARLE COUNTY - EXISTING TREE COVER CALCULATIONS			
IDENTIFIED SPECIES / STAND	QTY	CANOPY COVERAGE (20-YEAR GROWTH)	TOTAL COVERAGE (SF)
LARGE DECIDUOUS TREES			
GLEDITSIA TRIACANTHOS VAR. INERMIS	1	541	541
LIQUIDAMBAR STYRACIFLUA	17	272	4,624
ORNAMENTAL TREES			
CORNUS FLORIDA	2	124	248
LAGERSTROEMIA INDICA	7	77	539
EXISTING TREE STANDS			
TREE STAND "A"		10,944	10,944
		TOTAL:	**16,896**

TREE COVER CALCULATIONS (SEC. 32.7.9.8)				
		AREA (SQ. FT.)		CODE REF. / NOTE
LINE 1	GROSS SITE AREA (GSA)	171,454.00		SEC. 32.7.9.8(c)
LINE 2	EXCLUSIONS	15,000.00		SEC. 32.7.9.8(c)(3)
LINE 3	ADJUSTED GROSS SITE AREA (AGSA)	156,454.00		LINE 1 - LINE 2
		REQUIRED	PROVIDED	
LINE 4	TREE COVER REQUIRED	10.00%	25.90%	SEC. 32.7.9.8(a)(1)
LINE 5	TREE COVER REQUIRED (SF)	15,645.40	40,840.00	LINE 3 * LINE 4
TREE COVER CALCULATIONS				
LINE 6	EX. TREE COVER TO BE PRESERVED	16,896.00		SEC. 32.7.9.8(e)
LINE 7	10-YR GROWTH FACTOR	1.25		SEC. 32.7.9.8(e)(2)
LINE 8	TOTAL COVER BY CONSERVATION	21,120.00		LINE 6 * LINE 7
TREE COVER CALCULATIONS				
LINE 9	TREE COVER BY PLANTING	19,720.00		SEC. 32.7.9.8(b)
LINE 10	TOTAL TREE COVER PROVIDED	40,840.00		LINE 8 + LINE 9

BA HEALTH
Design for *LIFE*

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REVISIONS:

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TITLE:
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Date: 2/23/2026
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Format: 30" x 42"
Drawn: S. KIRBY
Checked: J. SHOWALTER

SHEET:
L3.1

Luminaire Schedule						
Symbol	Qty	Label	LLF	Luminaire Lumens	[MANUFAC]	Description
—	12	L16	0.820	1930	Prudential Lighting	WetBioPro3-LIN-FLSH-LED40-LO-04-SAL (LLF FOR 100 LUMENS PER FOOT)
▭	3	L8	0.414	1930	Prudential Lighting	WetBioPro3-LIN-FLSH-LED40-LO-04-SAL (LLF FOR 100 LUMENS PER FOOT)
▢	2	P2	1.000	14052	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-II-40LED-875mA-40K
▢	1	P2_HS	1.000	10277	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-II-40LED-875mA-40K-HS
▢	1	P3	1.000	13275	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-III-W-40LED-875mA-40K
▢	1	P3_HS	1.000	10176	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-III-W-40LED-875mA-40K-HS
▢—▢	1	P4_FT_BB	1.000	12926	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-IV-FT-40LED-875mA-40K
▢	7	P4_FT_HS	1.000	10149	U.S. ARCHITECTURAL LIGHTING	RZR-PLED-IV-FT-40LED-875mA-40K-HS
▯	2	W2	1.000	1514	LIGMAN	ULEE-30011-T2-8040
▯	8	W3	1.000	1457	LIGMAN	ULEE-30011-T3-8040

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Egress _2	Illuminance	Fc	2.20	6.7	0.4	5.50	16.75
Egress_1	Illuminance	Fc	3.66	7.3	0.7	5.23	10.43
Prop Line	Illuminance	Fc	0.03	0.5	0.0	N.A.	N.A.
Parking	Illuminance	Fc	3.69	9.8	1.2	3.08	8.17

Prepared by:
LIGHTING VIRGINIA CENTRAL
400G-2 Southlake Blvd.
Richmond, VA 23236
Tel: 804-379-7777
www.lightingvirginia.com

MH = mounting height in FEET

NOTES:

1. NO ALTERATIONS OR MODIFICATIONS SHALL BE MADE TO THIS PLAN WITHOUT THE PERMISSION OF LIGHTING VIRGINIA CENTRAL, ADAMS PARNELL, LLC.

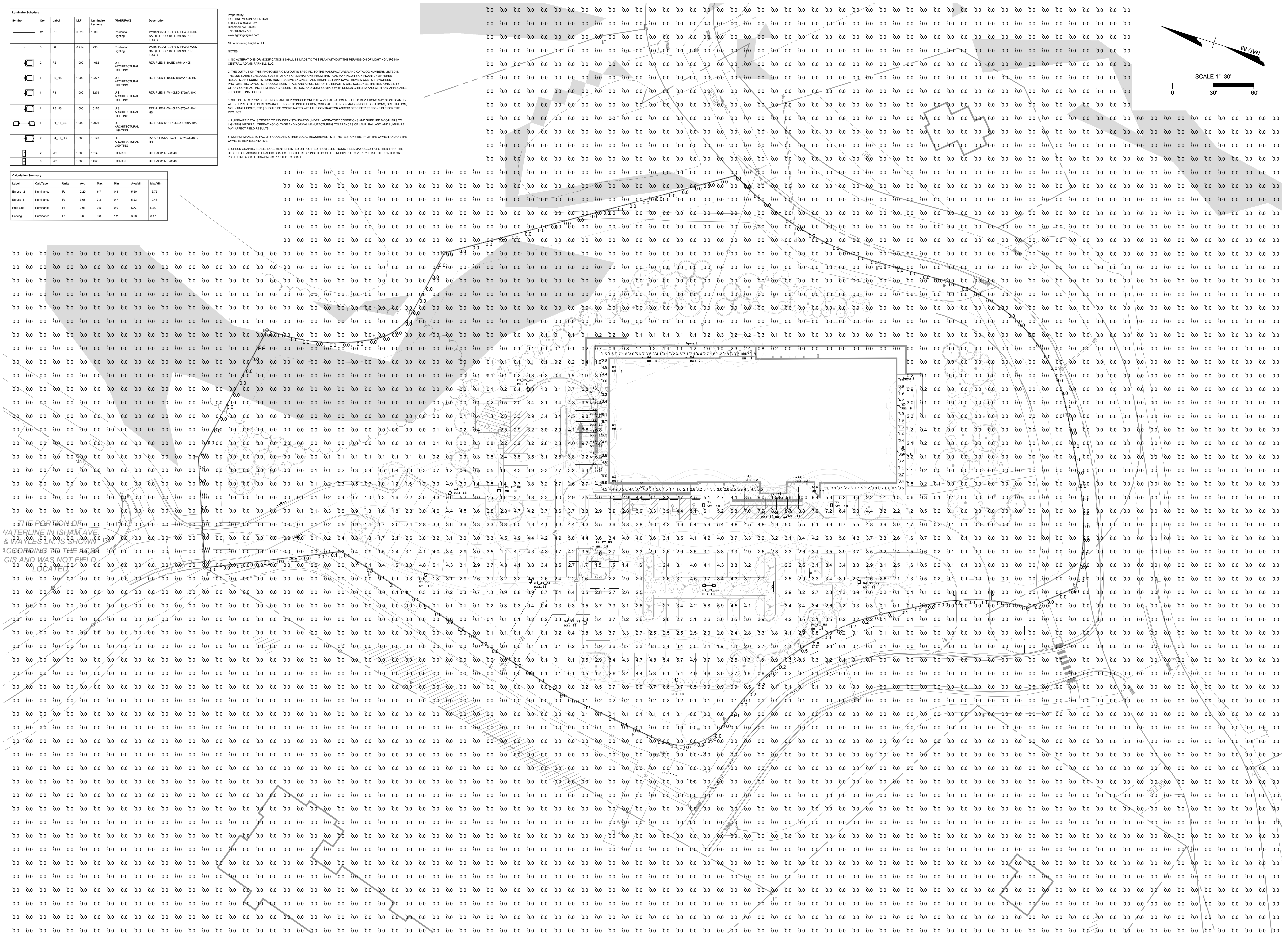
2. THE OUTPUT ON THIS PHOTOMETRIC LAYOUT IS SPECIFIC TO THE MANUFACTURER AND CATALOG NUMBERS LISTED IN THE LUMINAIRE SCHEDULE. SUBSTITUTIONS OR DEVIATIONS FROM THIS PLAN MAY INCUR SIGNIFICANTLY DIFFERENT RESULTS. ANY SUBSTITUTIONS MUST RECEIVE ENGINEER AND ARCHITECT APPROVAL. REVIEW COSTS, REWORKED PHOTOMETRIC LAYOUTS, PRODUCT SUBMITTALS AND A FULL SET OF ITL REPORTS WILL SOLELY BE THE RESPONSIBILITY OF ANY CONTRACTING FIRM MAKING A SUBSTITUTION, AND MUST COMPLY WITH DESIGN CRITERIA AND WITH ANY APPLICABLE JURISDICTIONAL CODES.

3. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.

4. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS AND SUPPLIED BY OTHERS TO LIGHTING VIRGINIA. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.

5. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.

6. CHECK GRAPHIC SCALE. DOCUMENTS PRINTED OR PLOTTED FROM ELECTRONIC FILES MAY OCCUR AT OTHER THAN THE DESIRED OR ASSUMED GRAPHIC SCALES. IT IS THE RESPONSIBILITY OF THE RECIPIENT TO VERIFY THAT THE PRINTED OR PLOTTED-TO-SCALE DRAWING IS PRINTED TO SCALE.



NAD 83
SCALE 1"=30'
0
30'
60'
Egress_1
Egress_2
THE PORTION OF WATERLINE IN ISHAM AVE & WAYLES LN. IS SHOWN ACCORDING TO THE ACSA GIS AND WAS NOT FIELD LOCATED

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PHOTOMETRIC PLAN

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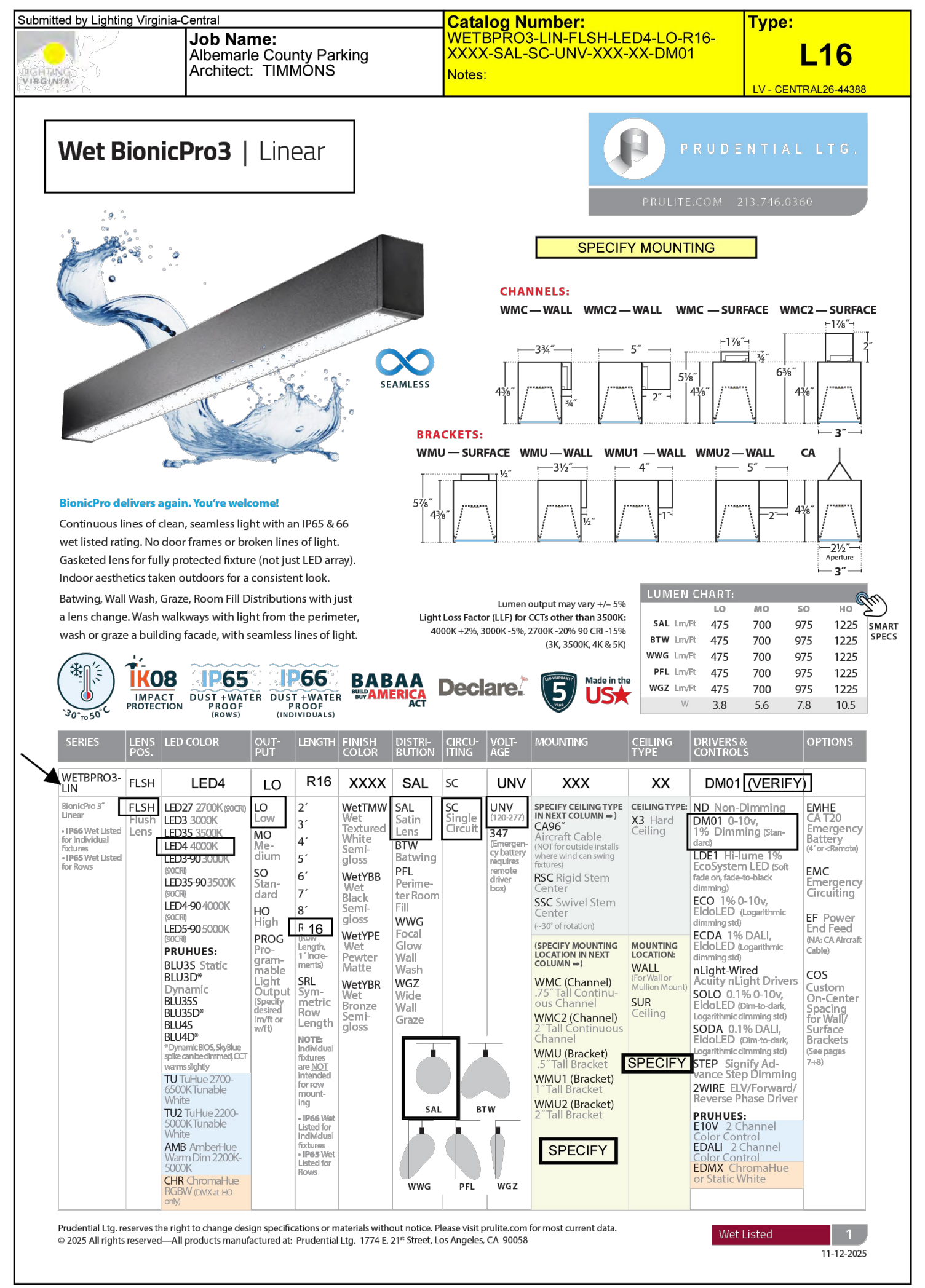
Format:	30" x 42"
Drawn:	C. MYERS
Checked:	C. OLDAKER

SHEET:
L4.0



Submitted by Lighting Virginia-Central
Job Name: Albemarle County Parking
Architect: TIMMONS
Catalog Number: WETBPRO3-LIN-FLSH-LED4-LO-R16-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:
Type: L16
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
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SPECIFY MOUNTING

CHANNELS:
WMC — WALL
WMC2 — WALL
WMC — SURFACE
WMC2 — SURFACE
SEAMLESS
BRACKETS:
SAL
BTW
WWG
PFL
WGZ
SPECIFY

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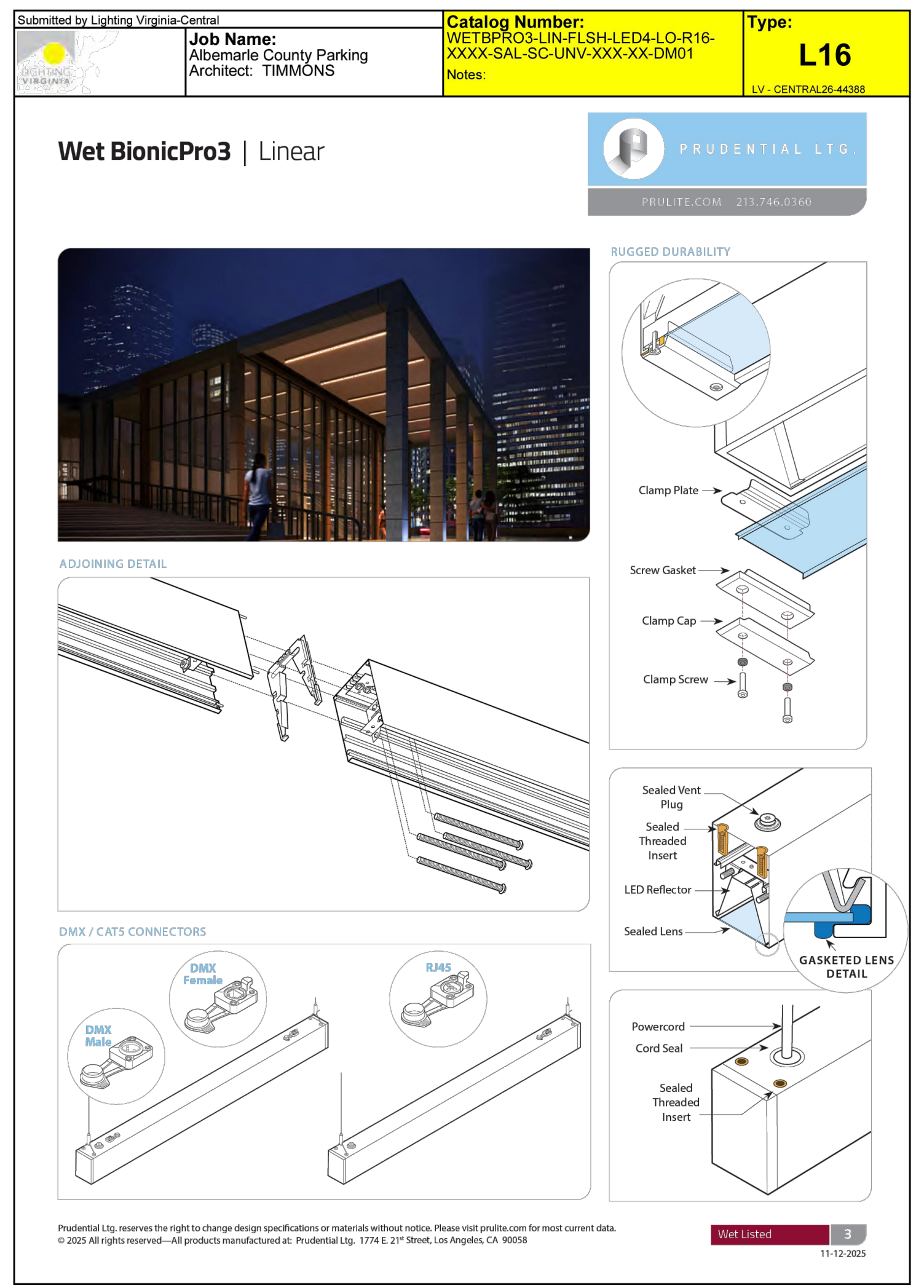

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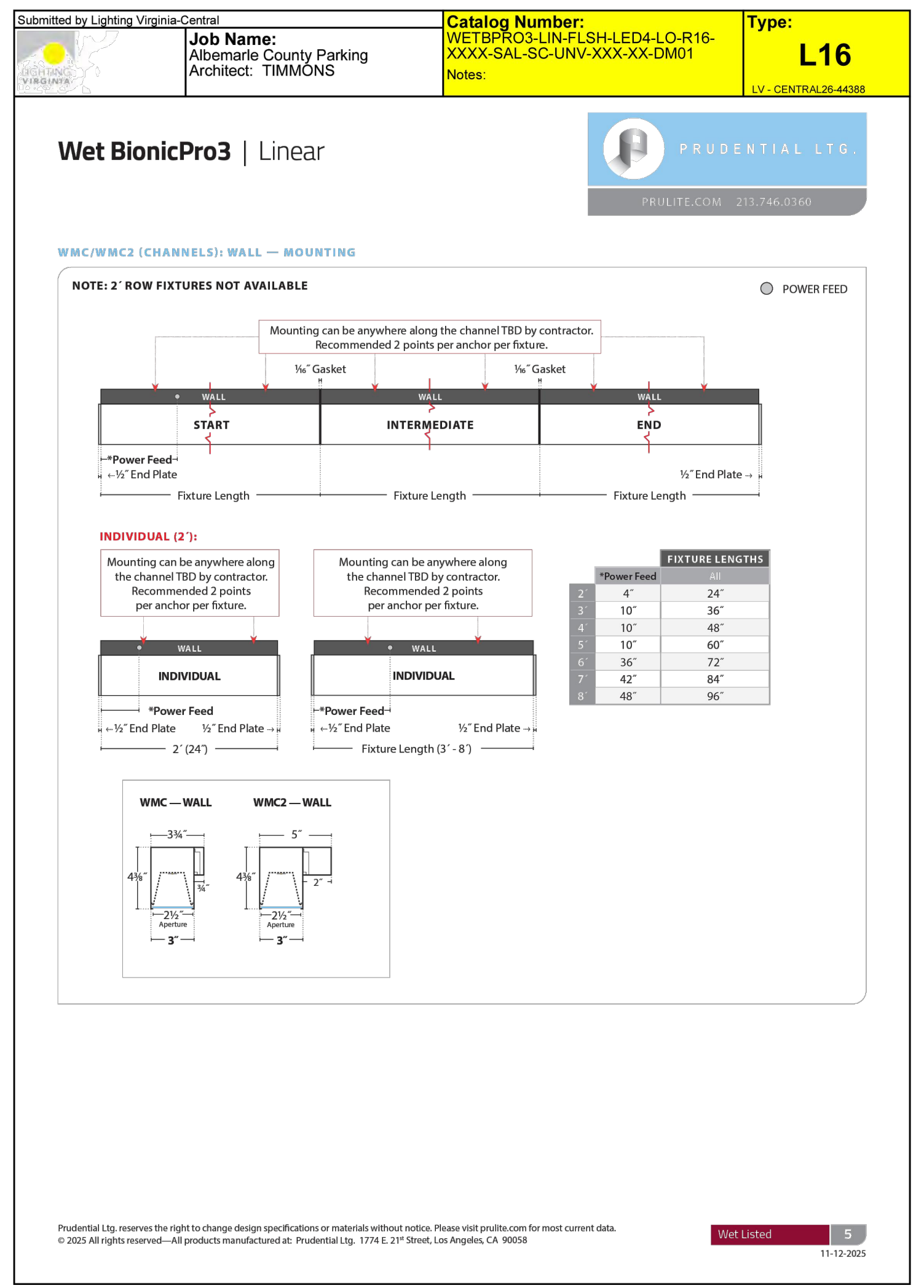

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Notes:
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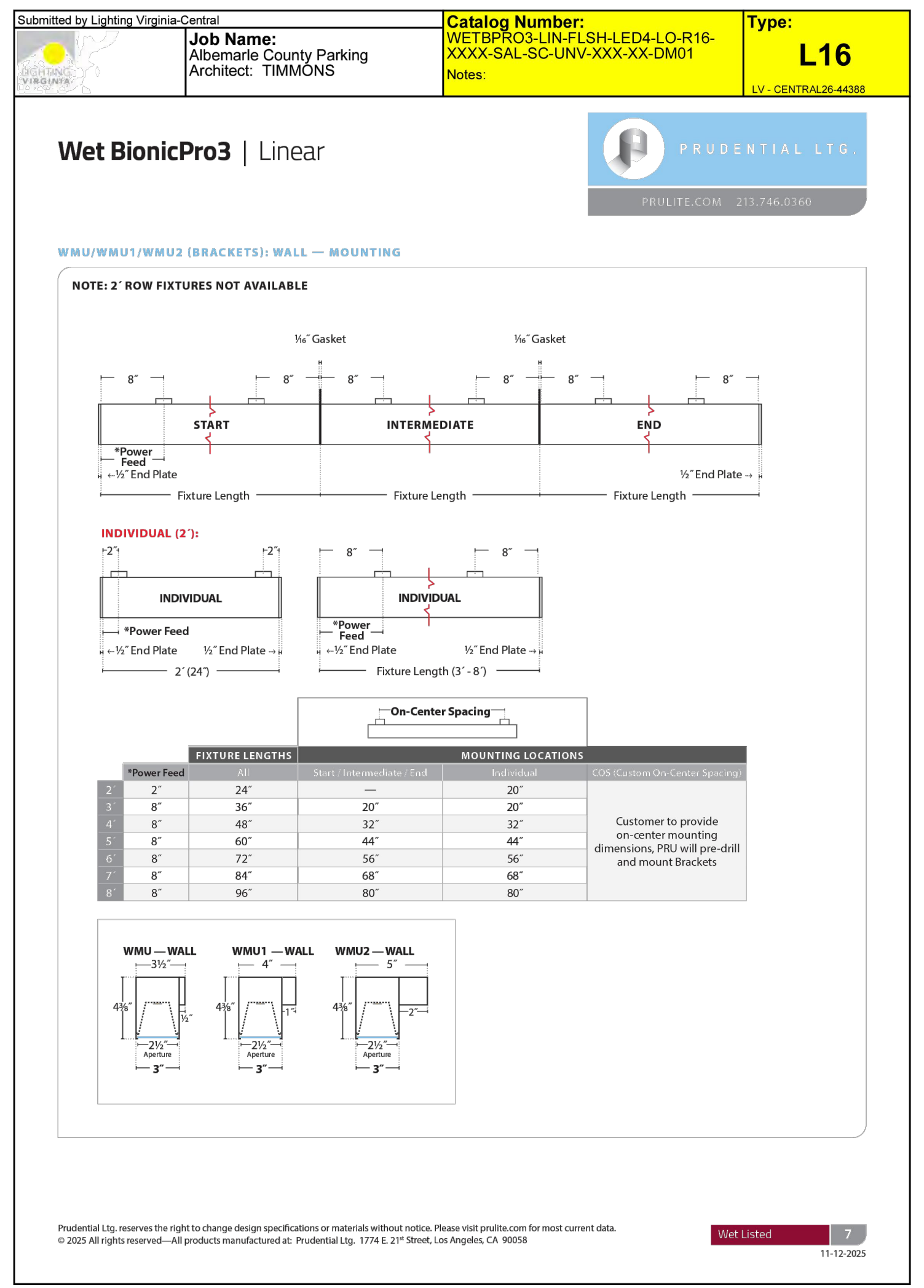

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Wet Listed 7

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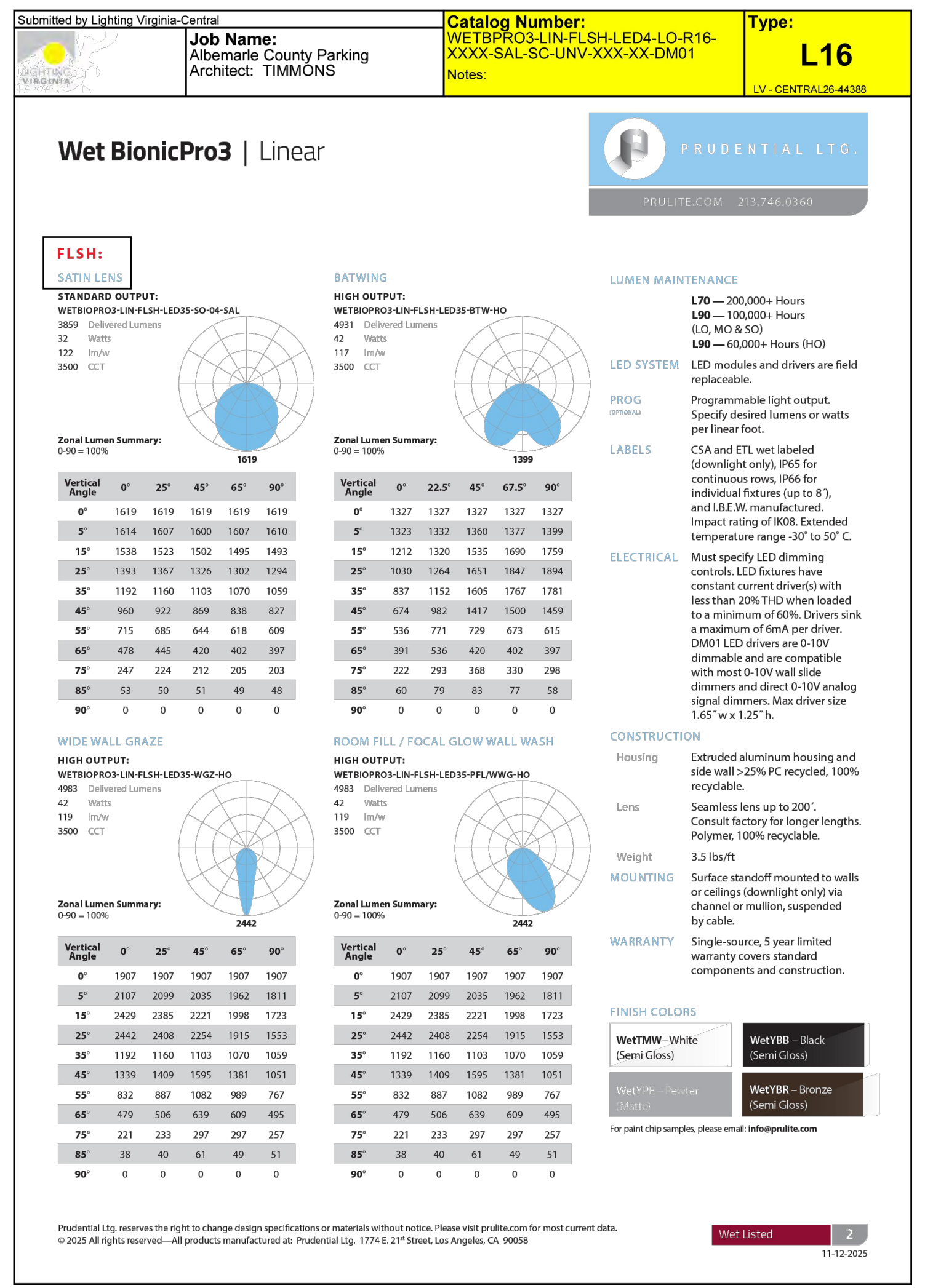

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FLSH:

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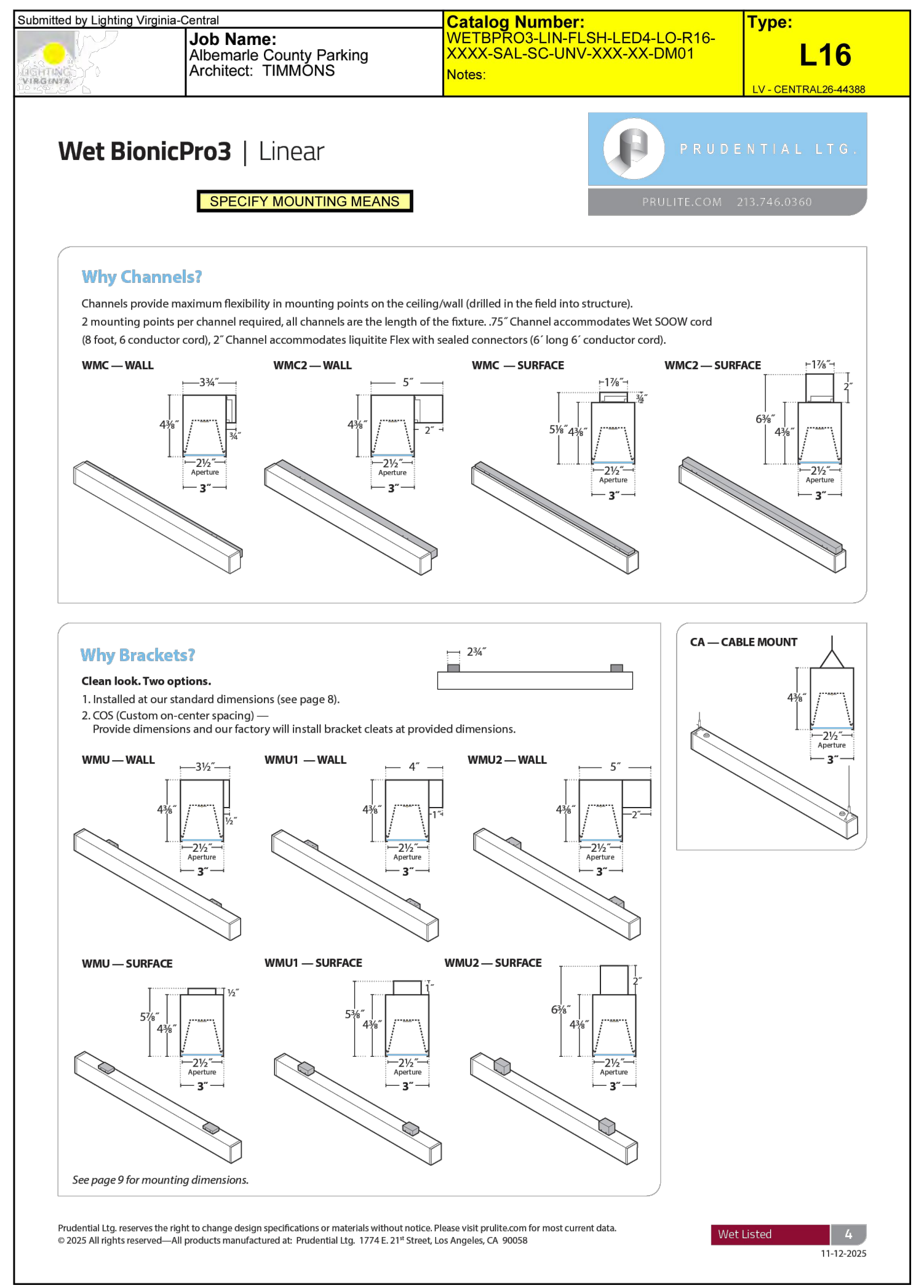

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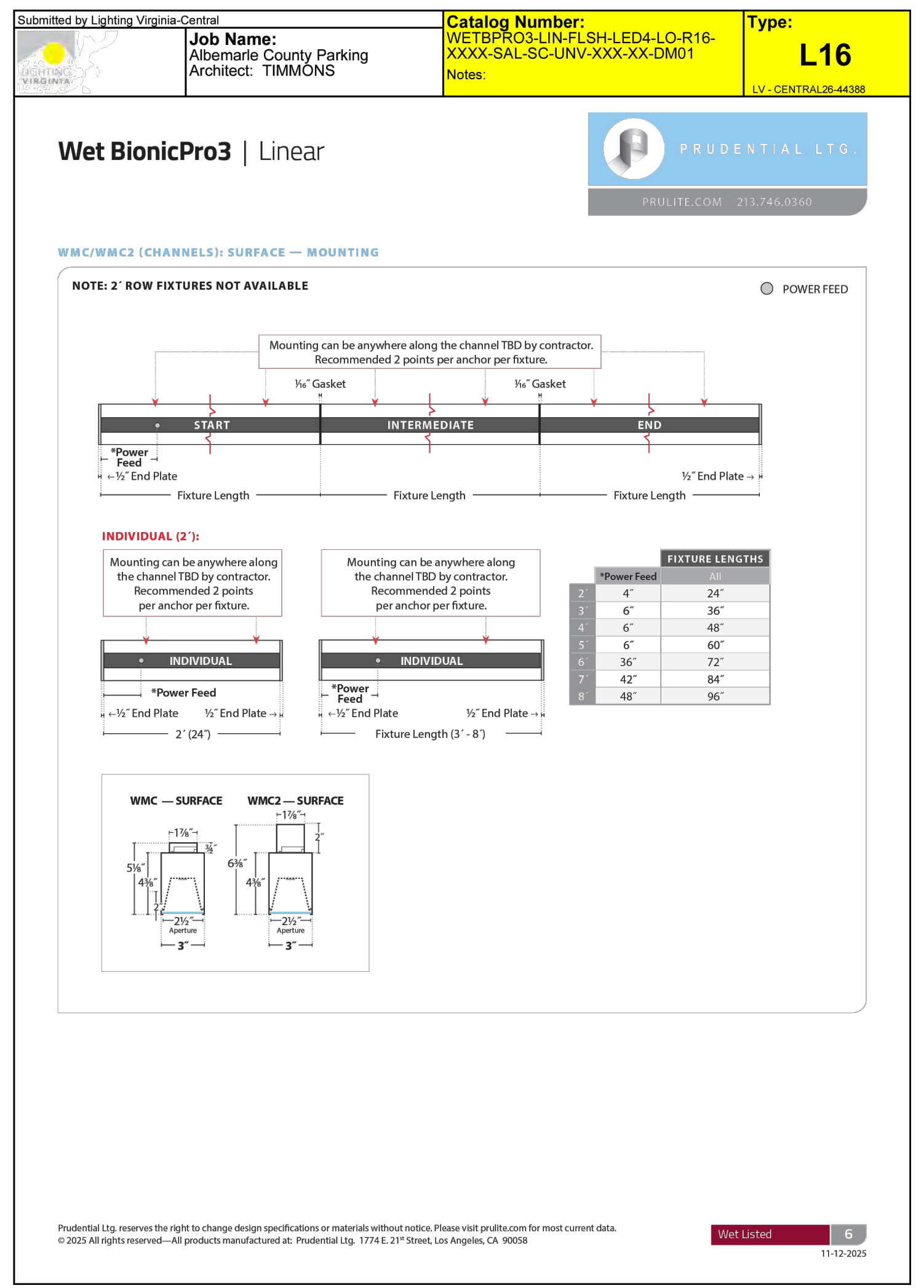
SPECIFY MOUNTING MEANS

Why Channels?

Why Brackets?

Wet Listed 4

Submitted On: Mar 10, 2026 4/11 Index Page



Submitted by Lighting Virginia-Central
Job Name: Albemarle County Parking
Architect: TIMMONS
Catalog Number: WETBPRO3-LIN-FLSH-LED4-LO-R16-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:
Type: L16
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

Wet Listed 6

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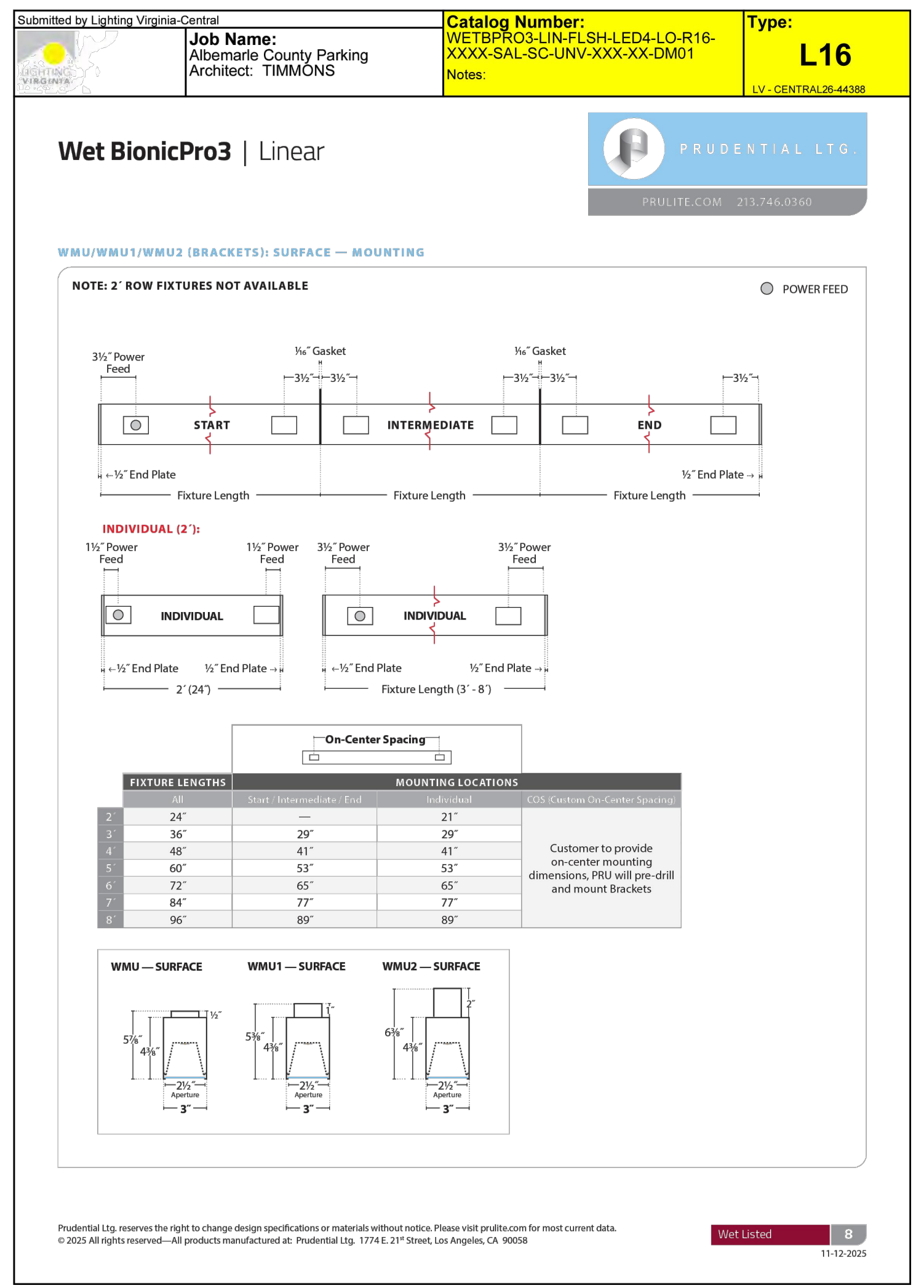

Submitted by Lighting Virginia-Central
Job Name: Albemarle County Parking
Architect: TIMMONS
Catalog Number: WETBPRO3-LIN-FLSH-LED4-LO-R16-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:
Type: L16
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

Wet Listed 8

Submitted On: Mar 10, 2026 8/11 Index Page

Design for *LIFE*

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
PACE COLLABORATIVE
1277 Perimeter Pkwy
Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
NOT FOR CONSTRUCTION

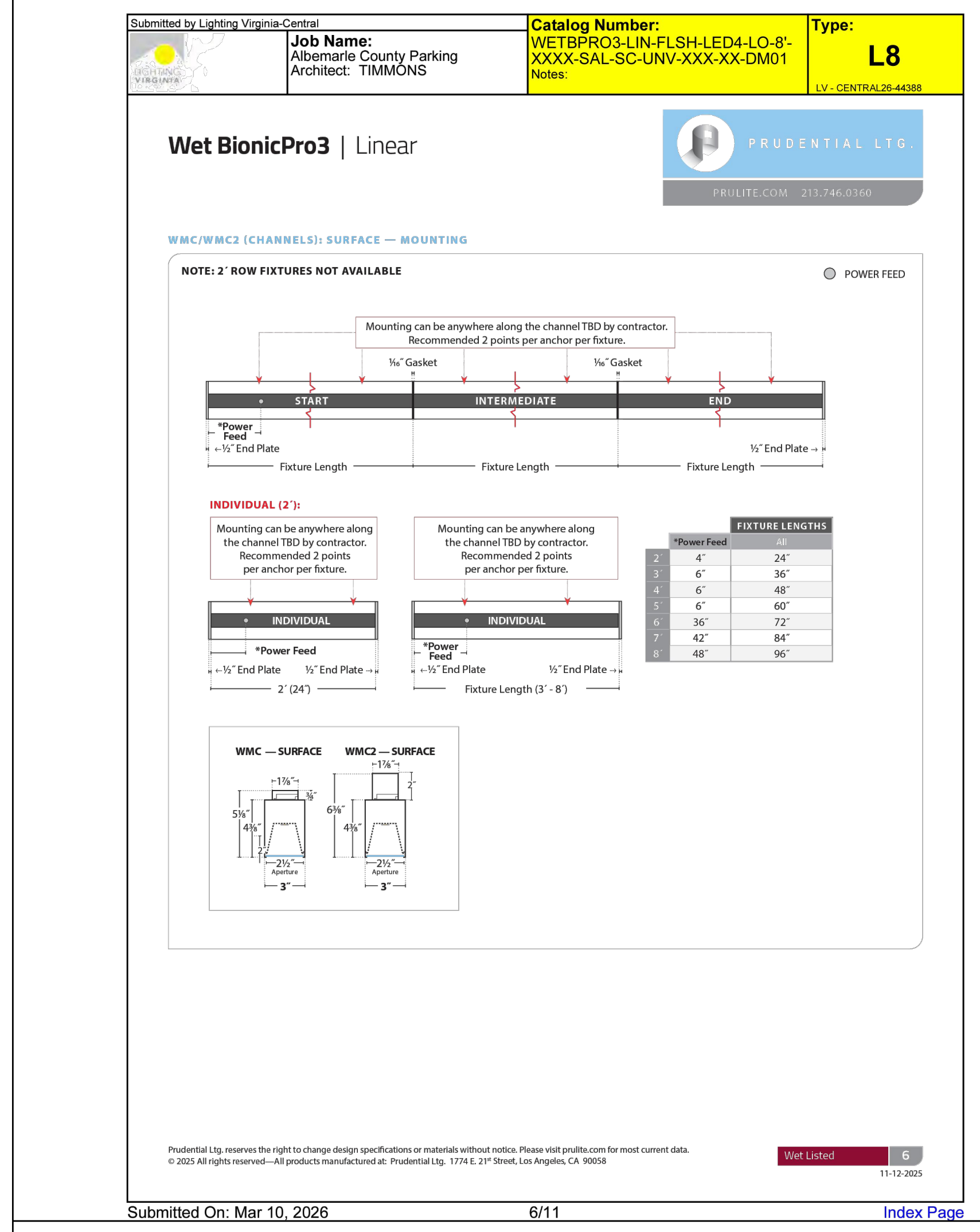
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.1



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
WETBPRO3-LIN-FLSH-LED4-LO-8'-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:

Type: L8
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

WMC/WMC2 (CHANNELS): SURFACE — MOUNTING

NOTE: 2´ ROW FIXTURES NOT AVAILABLE

POWER FEED
Mounting can be anywhere along the channel TBD by contractor. Recommended 2 points per anchor per fixture.
1⁄16˝ Gasket
1⁄16˝ Gasket
START
INTERMEDIATE
END
*Power Feed
½˝ End Plate
½˝ End Plate
Fixture Length
Fixture Length
Fixture Length
INDIVIDUAL (2´):

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Wet Listed 6
11-12-2025

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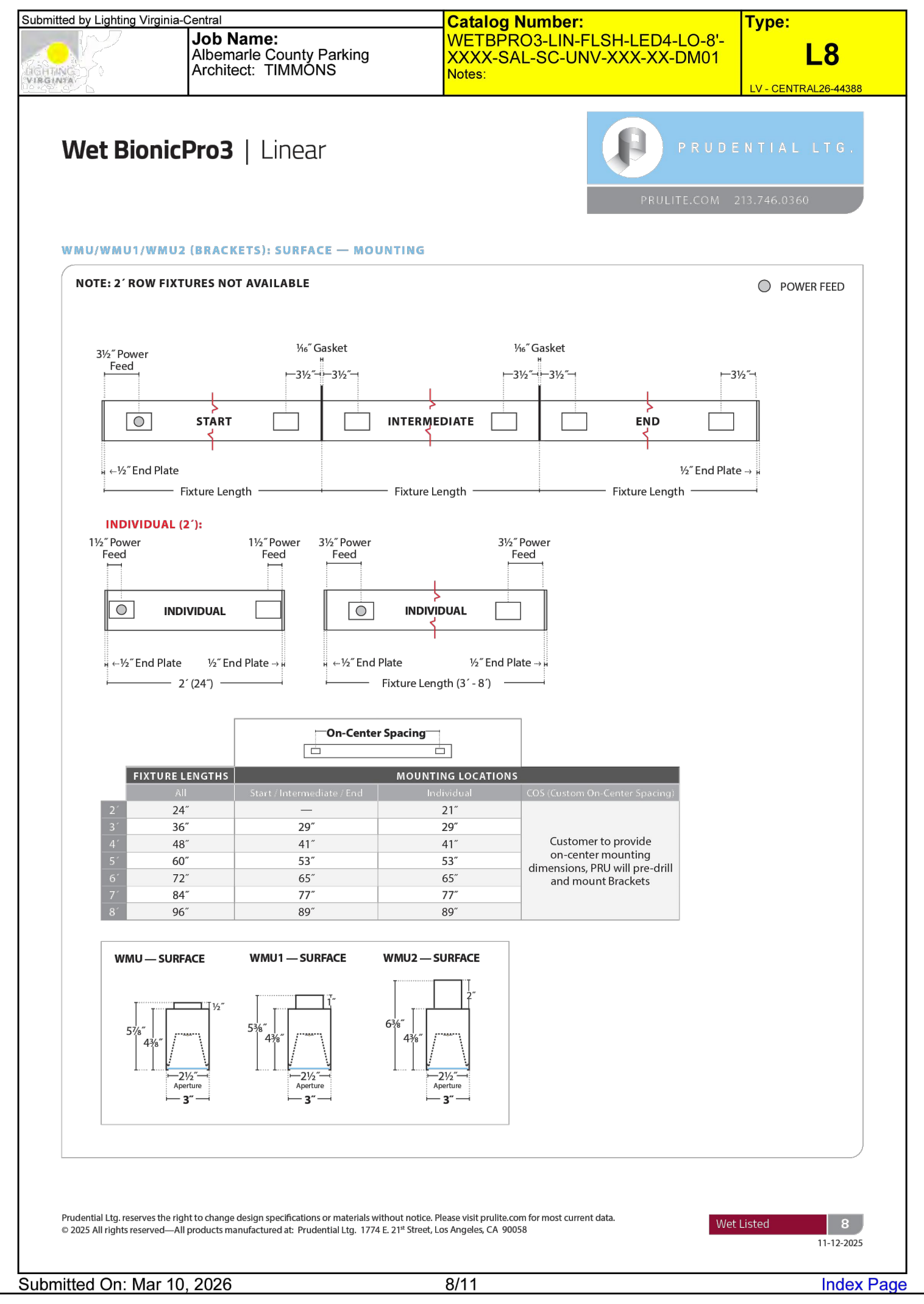

Submitted by Lighting Virginia-Central

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Albemarle County Parking
Architect: TIMMONS

Catalog Number:
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Notes:

Type: L8
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

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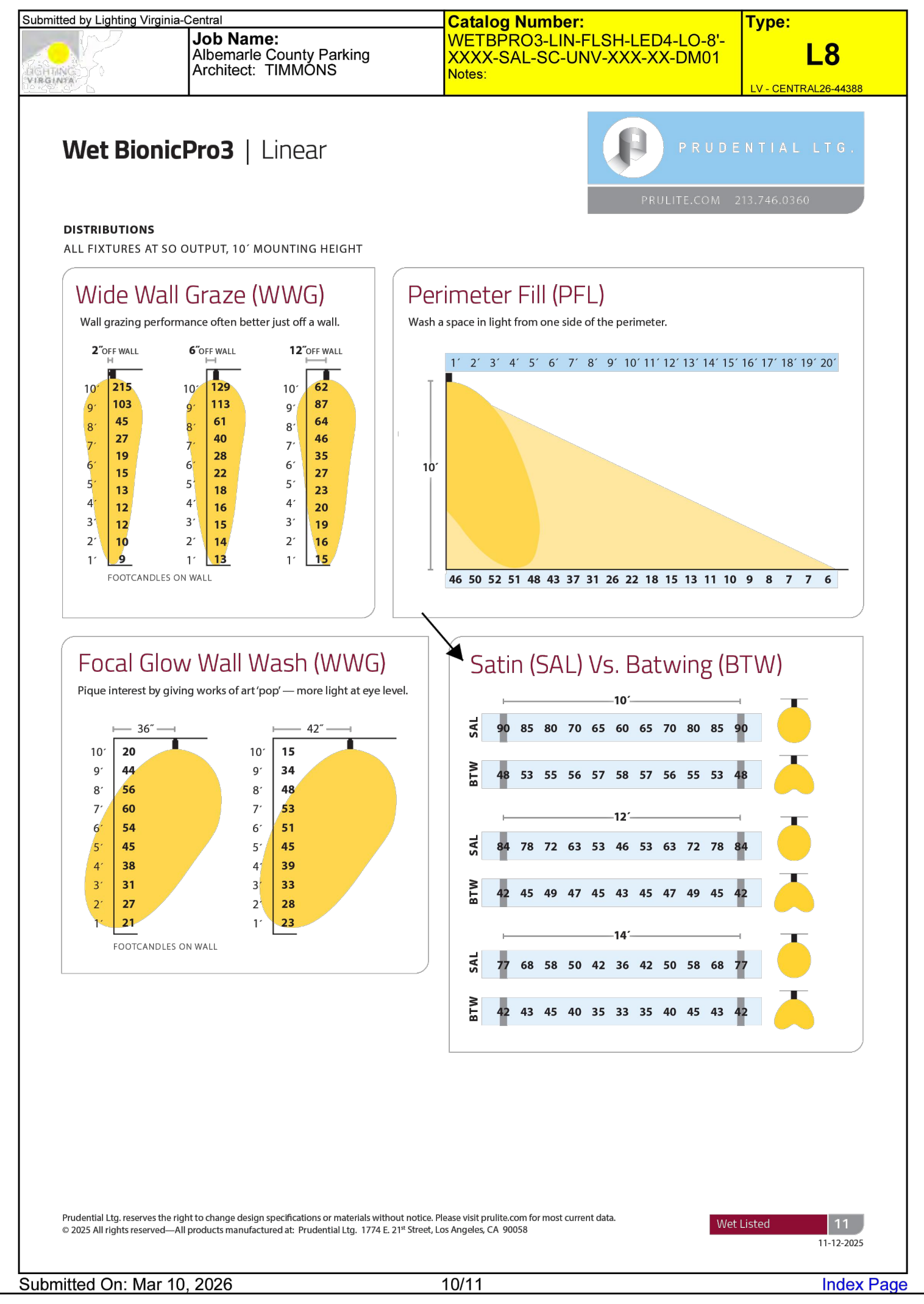
WMU/WMU1/WMU2 (BRACKETS): SURFACE — MOUNTING

NOTE: 2´ ROW FIXTURES NOT AVAILABLE

Submitted On: Mar 10, 2026 8/11 Index Page



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Architect: TIMMONS

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Notes:

Type: L8
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

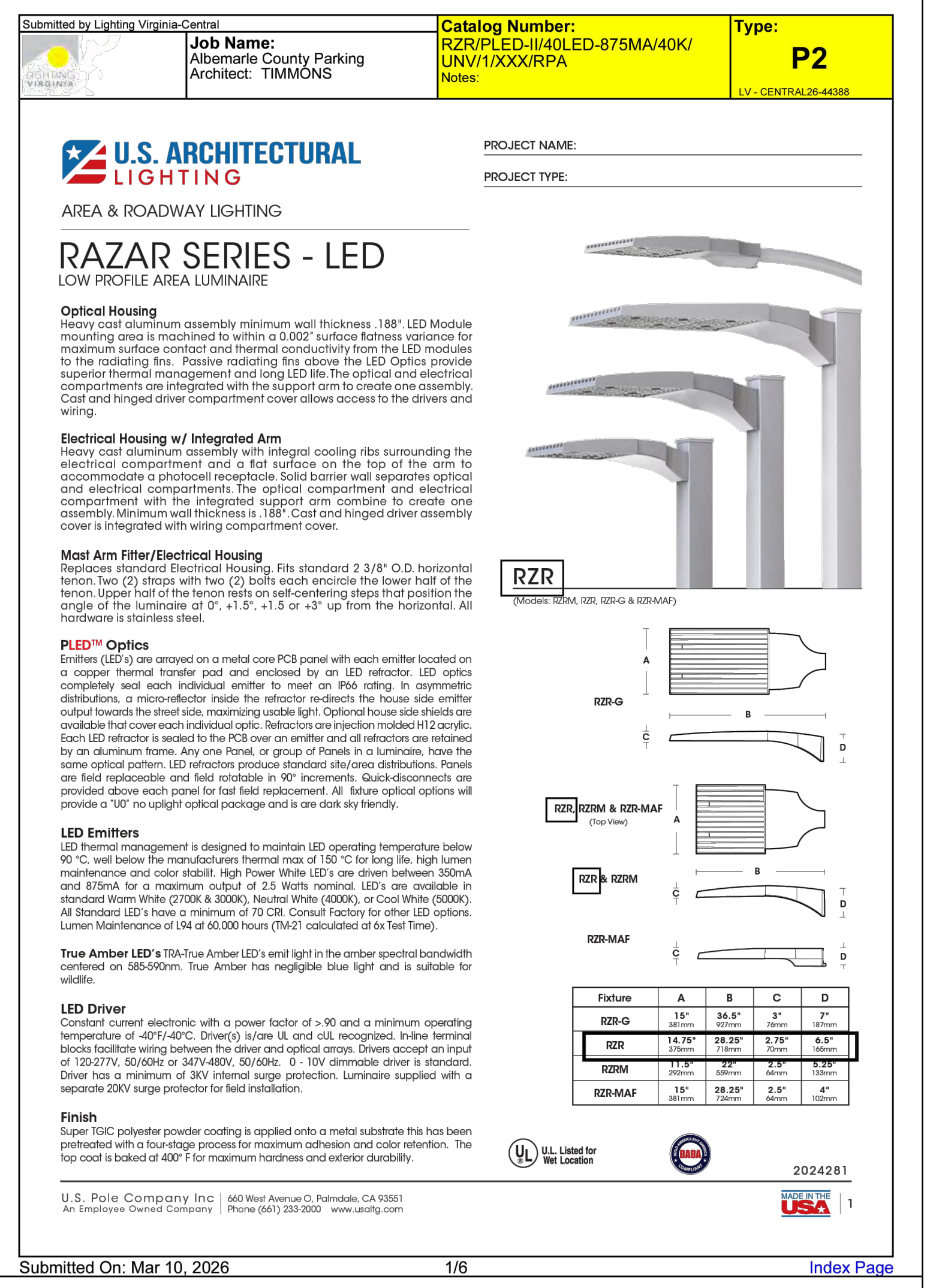
PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

DISTRIBUTIONS

ALL FIXTURES AT 50 OUTPUT, 10' MOUNTING HEIGHT

Wide Wall Graze (WWG)
Perimeter Fill (PFL)
Focal Glow Wall Wash (WWG)
Satin (SAL) Vs. Batwing (BTW)

Submitted On: Mar 10, 2026 10/11 Index Page



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/RPA
Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

AREA & ROADWAY LIGHTING

PROJECT NAME:

PROJECT TYPE:

RAZAR SERIES - LED
LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm
Heavy cast aluminum assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

Mast Arm Fitter/Electrical Housing
Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless steel.

PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side, maximizing usable light. Optional house side shields are available that cover each individual optic. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments. Quick-disconnects are provided above each panel for fast field replacement. All fixture optical options will provide a "U0" no uplight optical package and is are dark sky friendly.

LED Emitters
LED thermal management is designed to maintain LED operating temperature below 90 °C, well below the manufacturers thermal max of 150 °C for long life, high lumen maintenance and color stabilit. High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with a separate 20KV surge protector for field installation.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

U.S. Pole Company Inc | 660 West Avenue O, Palmdale, CA 93551
An Employee Owned Company | Phone (661) 233-2000 www.usaltg.com

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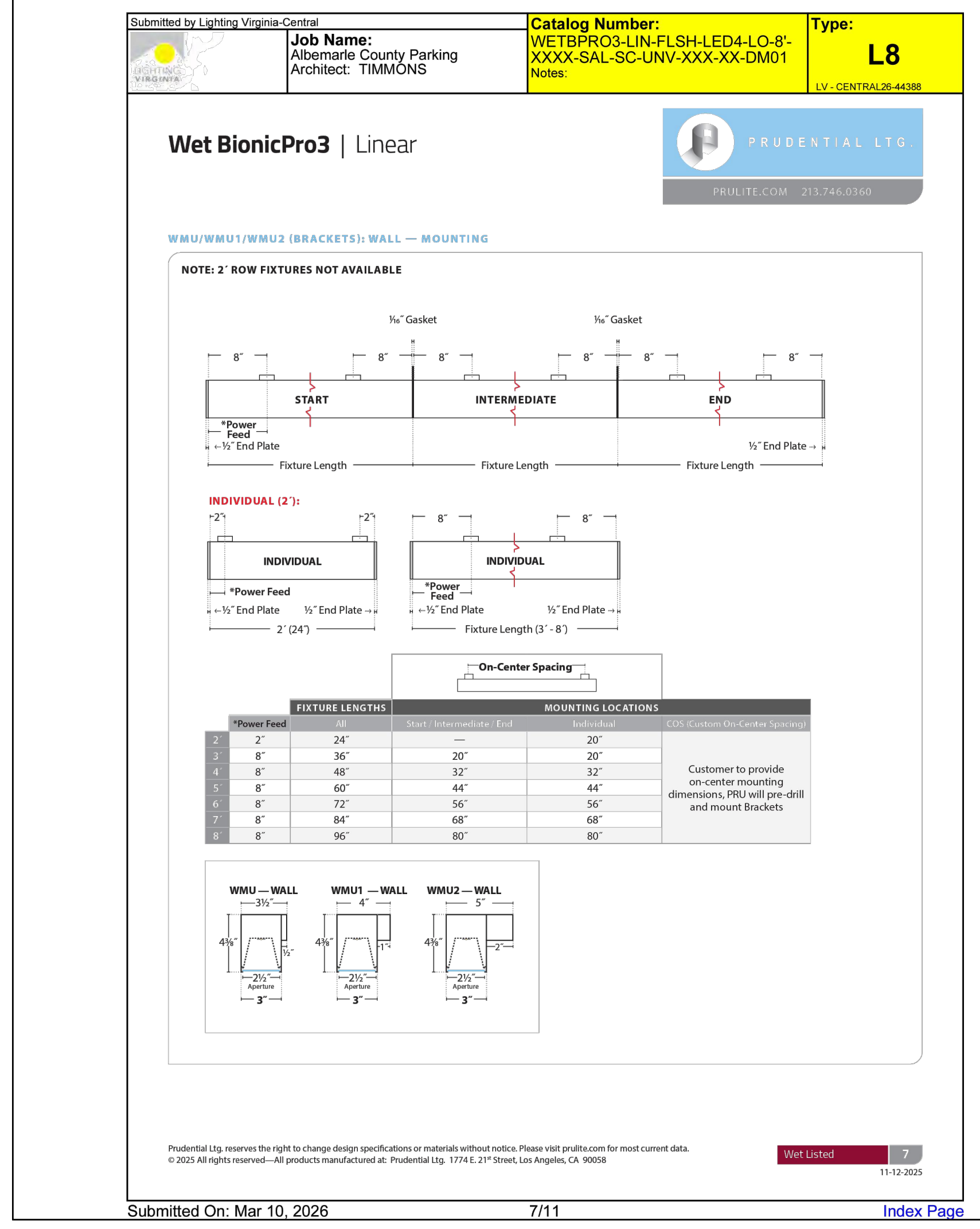


Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
WETBPRO3-LIN-FLSH-LED4-LO-8'-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:

Type: L8
LV - CENTRAL26-44388

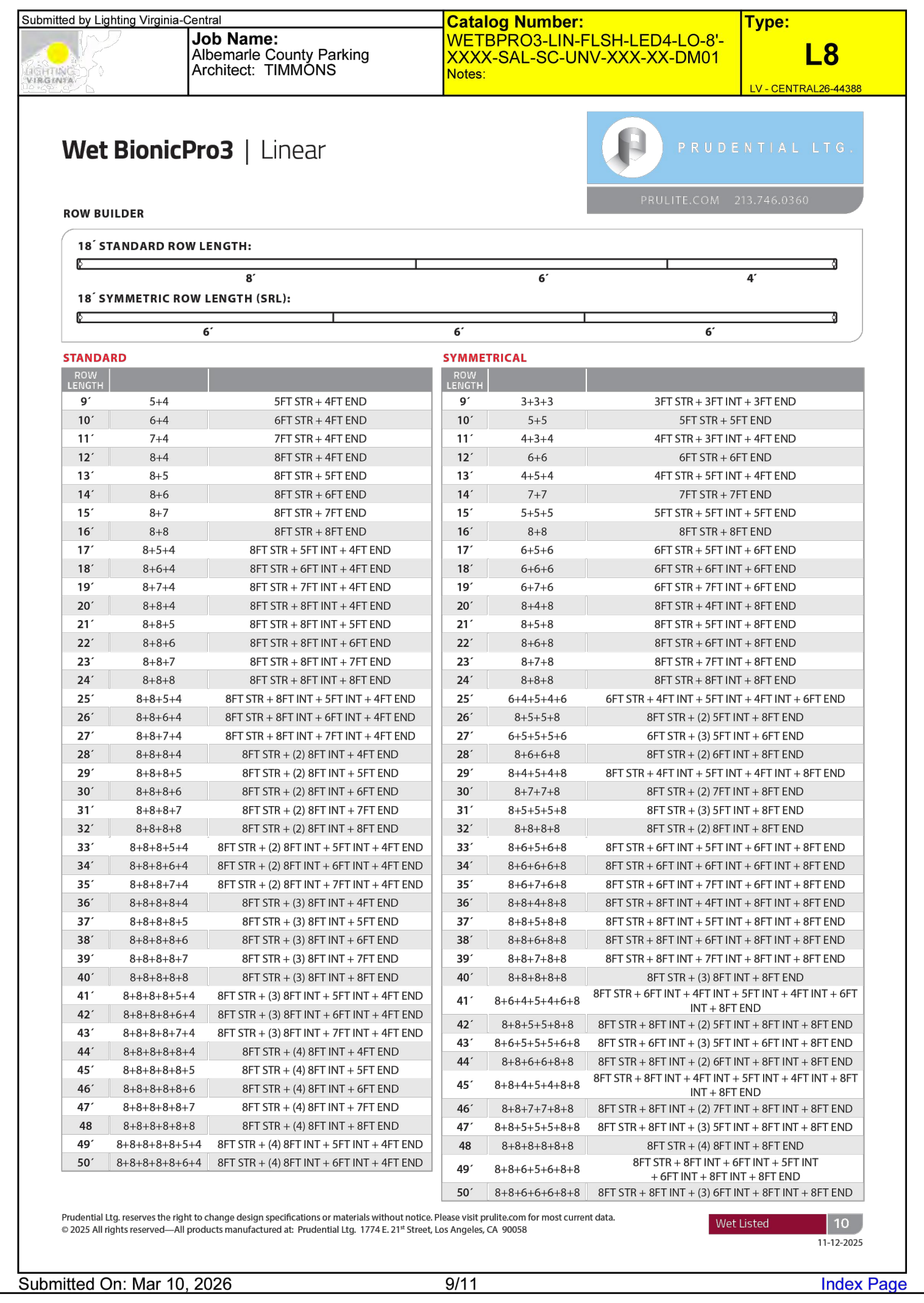
Wet BionicPro3 | Linear

PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

WMU/WMU1/WMU2 (BRACKETS): WALL — MOUNTING

NOTE: 2´ ROW FIXTURES NOT AVAILABLE

Submitted On: Mar 10, 2026 7/11 Index Page



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ROW BUILDER

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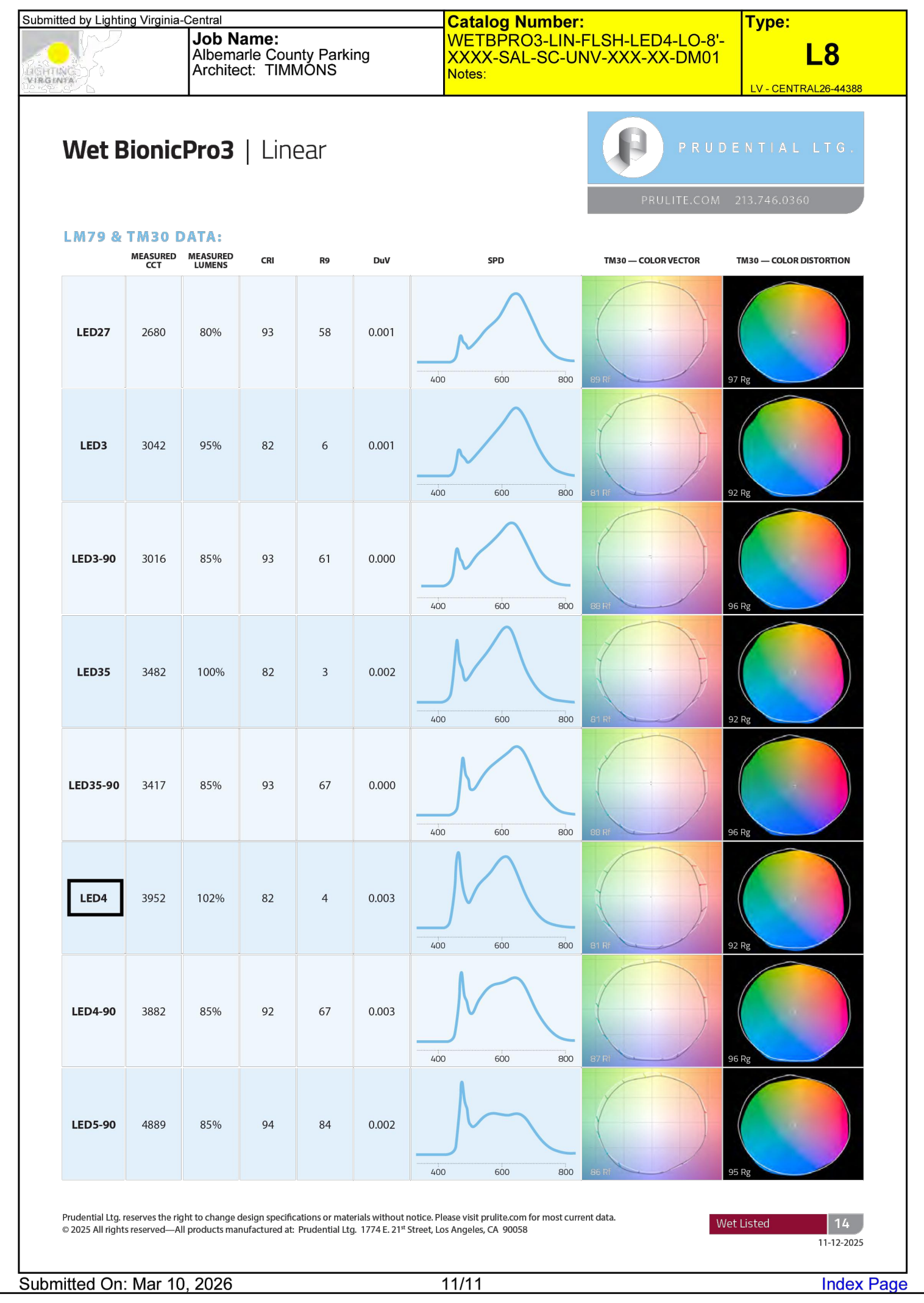

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Wet BionicPro3 | Linear

PRUDENTIAL LTG.
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LM79 & TM30 DATA:

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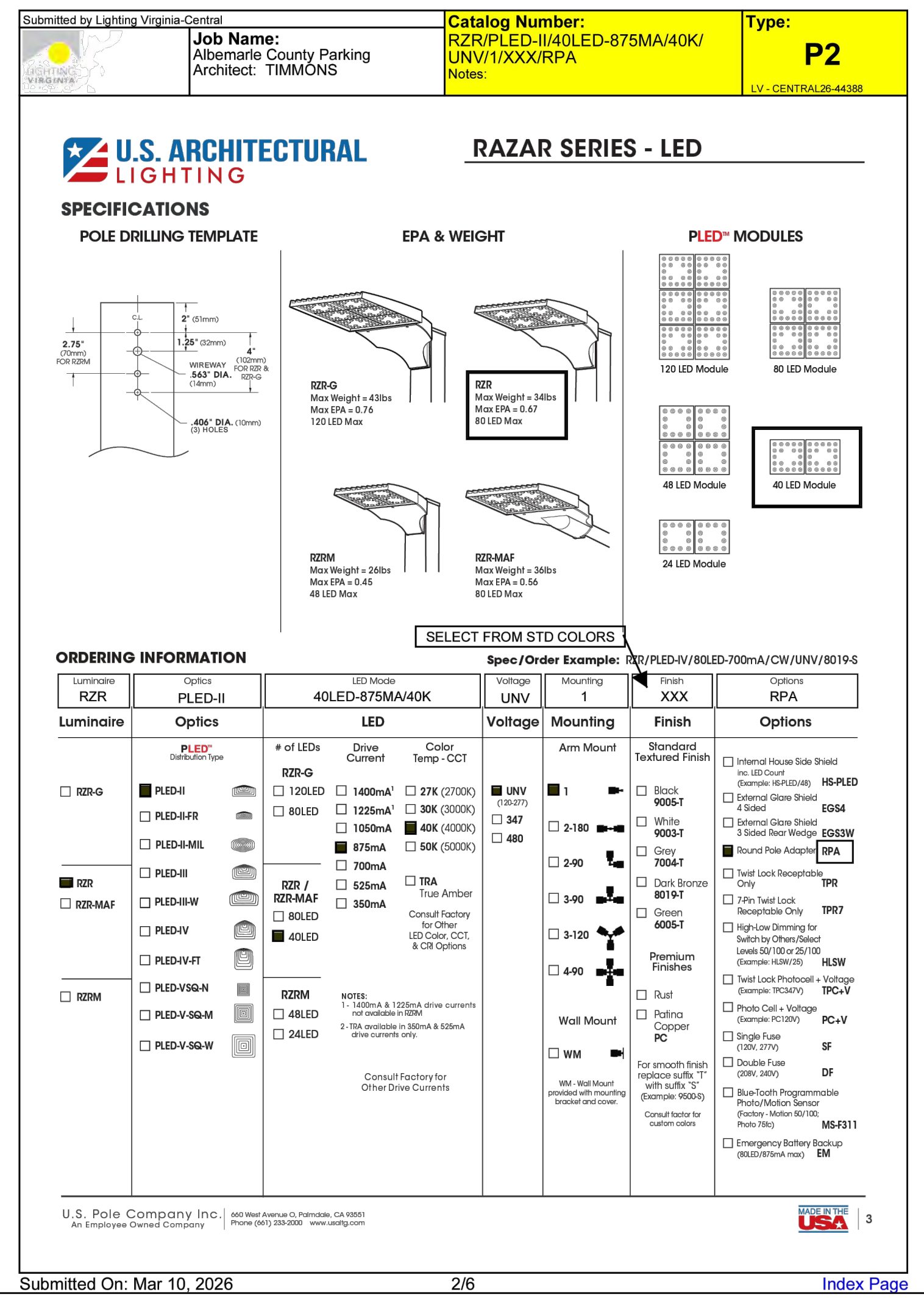

Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/RPA
Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

SPECIFICATIONS

POLE DRILLING TEMPLATE
EPA & WEIGHT
PLED™ MODULES

ORDERING INFORMATION

U.S. Pole Company Inc

Submitted On: Mar 10, 2026 2/6 Index Page

BA HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
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P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
LIGHTING VIRGINIA
NOT FOR CONSTRUCTION

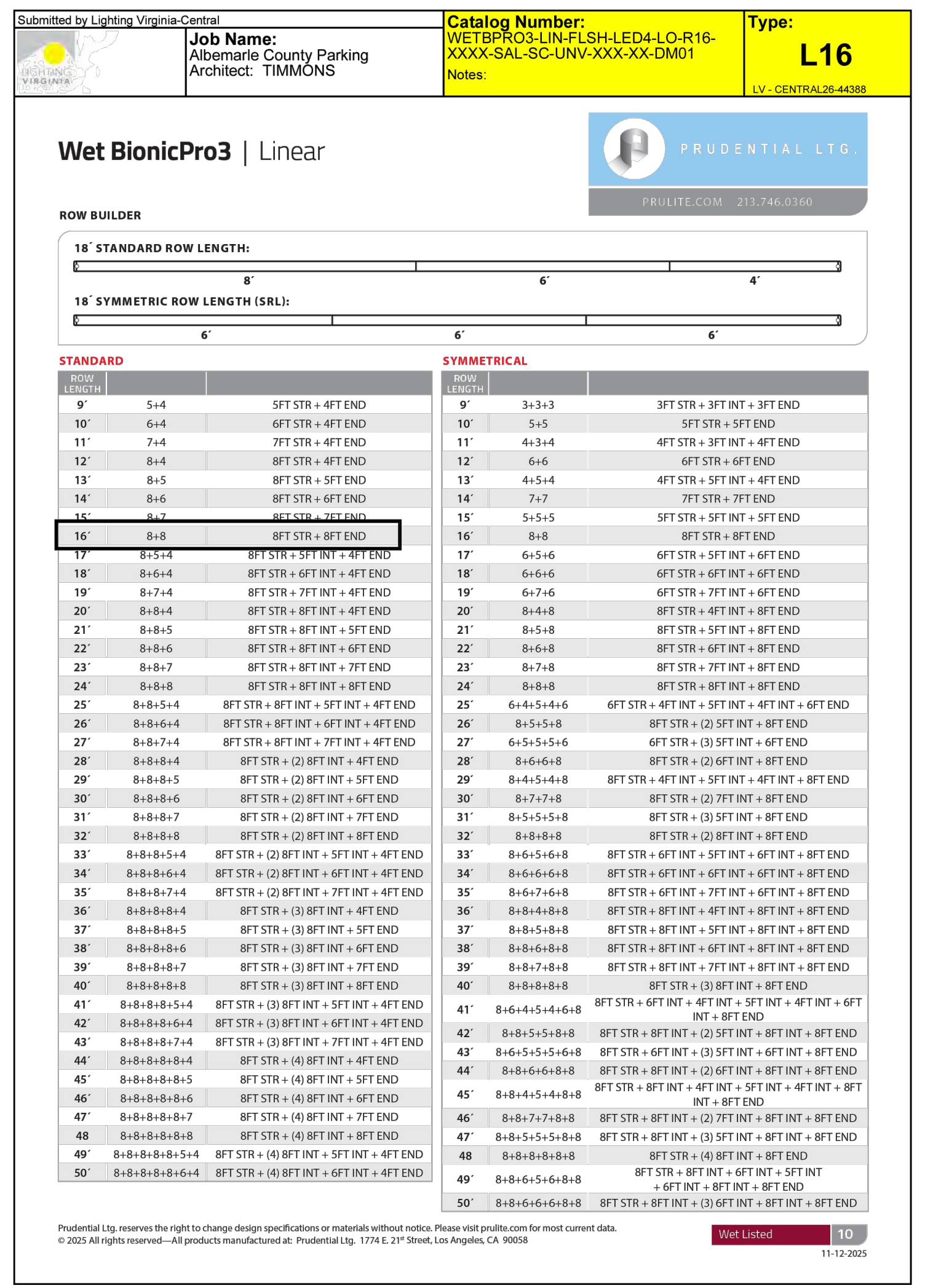
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No:	02496.000
Date:	2/23/2026
Scale:	
Format:	30" x 42"
Drawn:	C. MYERS
Checked:	C. OLDAKER

SHEET:
L4.2


Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
WETBPRO3-LIN-FLSH-LED4-LO-R16-XXXX-SAL-SC-UNV-XXX-XX-DM01
Notes:

Type:
L16
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
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ROW BUILDER

18´ STANDARD ROW LENGTH:

18´ SYMMETRIC ROW LENGTH (SRL):

STANDARD

SYMMETRICAL

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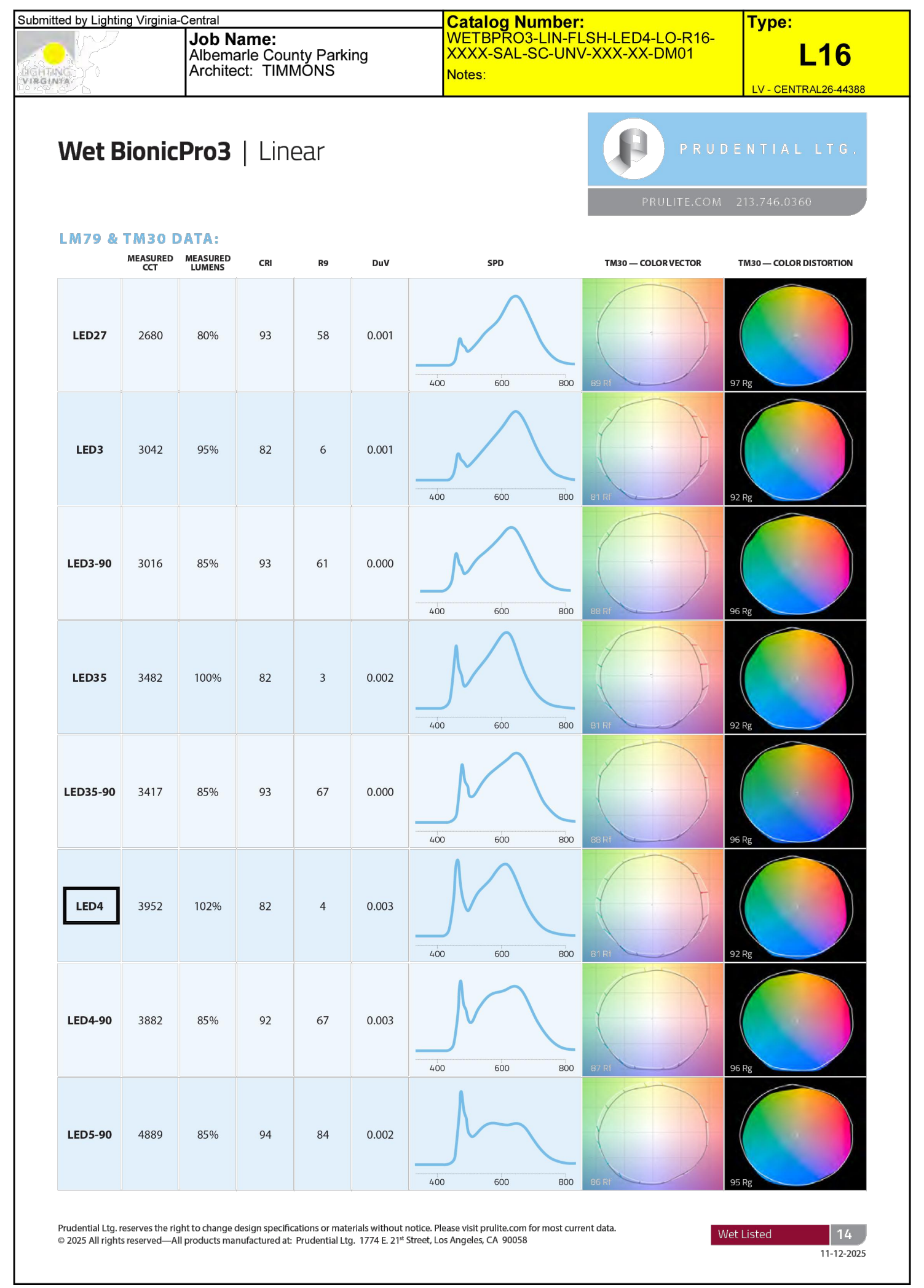
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Notes:

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LV - CENTRAL26-44388

Wet BionicPro3 | Linear

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LM79 & TM30 DATA:

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Wet Listed 14
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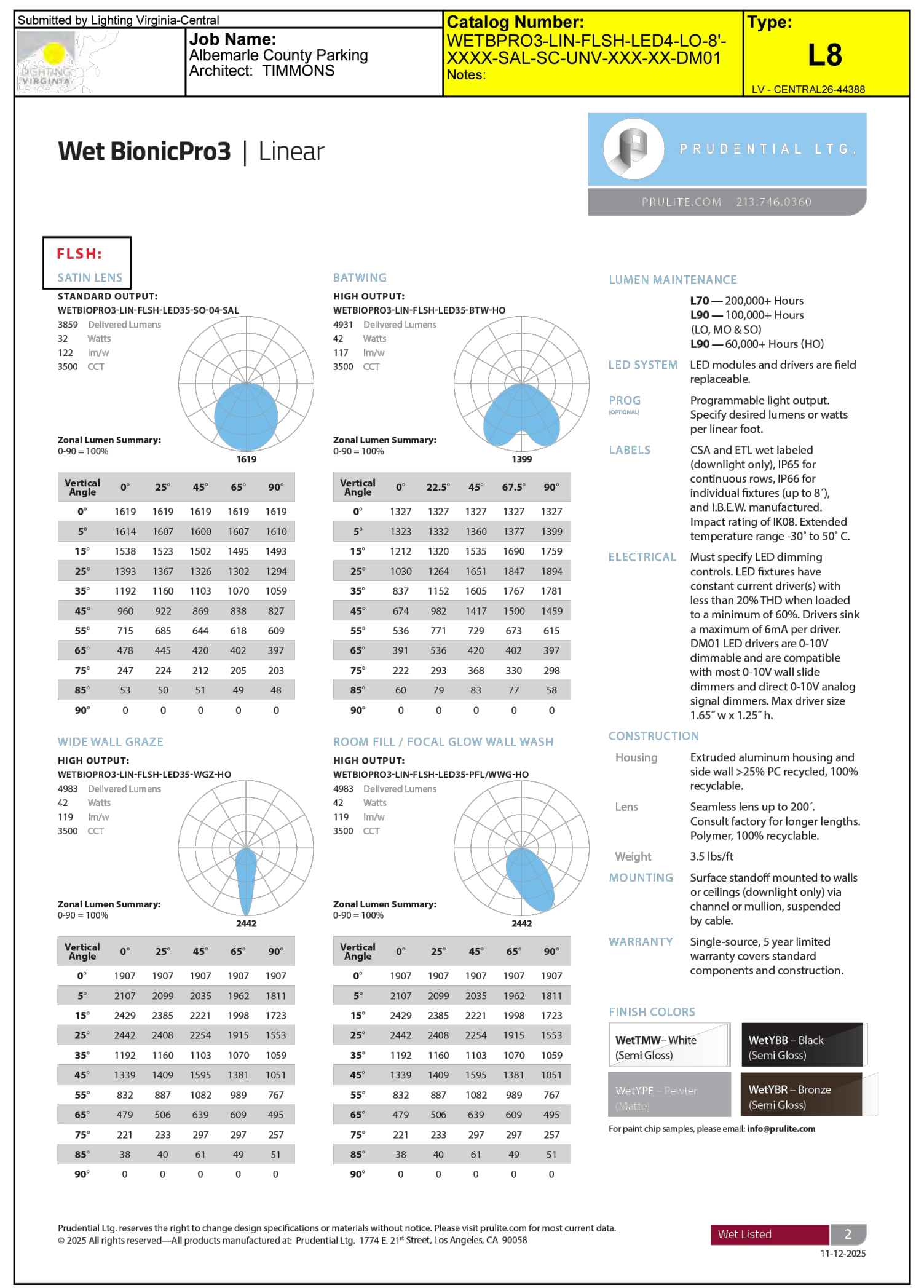
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Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
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Notes:

Type:
L8
LV - CENTRAL26-44388

Wet BionicPro3 | Linear

PRUDENTIAL LTG.
PRULITE.COM 213.746.0360

FLSH:
SATIN LENS
STANDARD OUTPUT:
WETBIOPRO3-LIN-FLSH-LED35-SO-04-SAL
3859 Delivered Lumens
32 Watts
122 lm/w
3500 CCT

BATWING
HIGH OUTPUT:
WETBIOPRO3-LIN-FLSH-LED35-BTW-HO
4931 Delivered Lumens
42 Watts
117 lm/w
3500 CCT

LUMEN MAINTENANCE
L70 — 200,000+ Hours
L90 — 100,000+ Hours (LO, MO & SO)
L90 — 60,000+ Hours (HO)

LED SYSTEM LED modules and drivers are field replaceable.

PROG (OPTIONAL) Programmable light output. Specify desired lumens or watts per linear foot.

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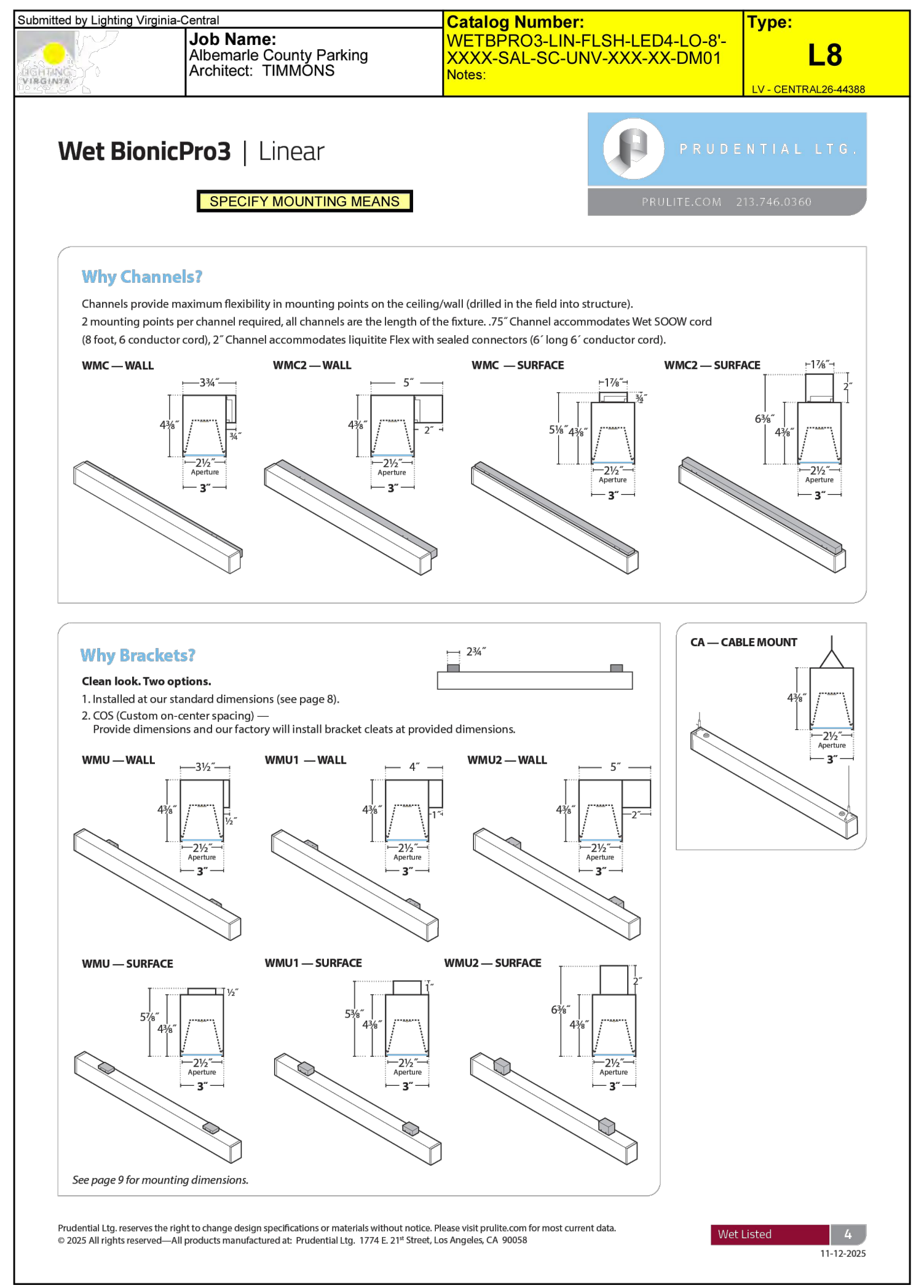
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Wet BionicPro3 | Linear

PRUDENTIAL LTG.
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SPECIFY MOUNTING MEANS

Why Channels?

Why Brackets?

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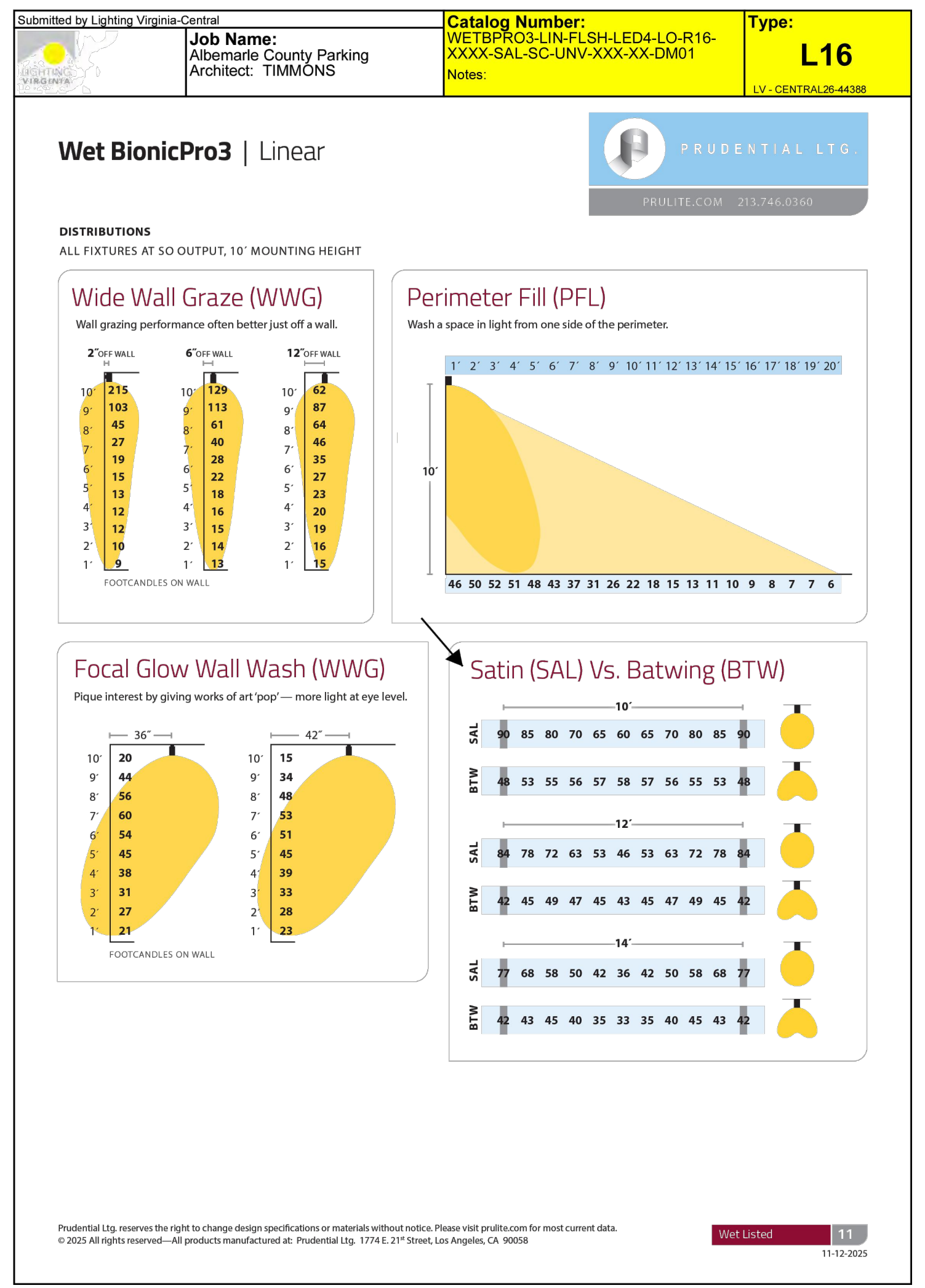
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PRULITE.COM 213.746.0360

DISTRIBUTIONS

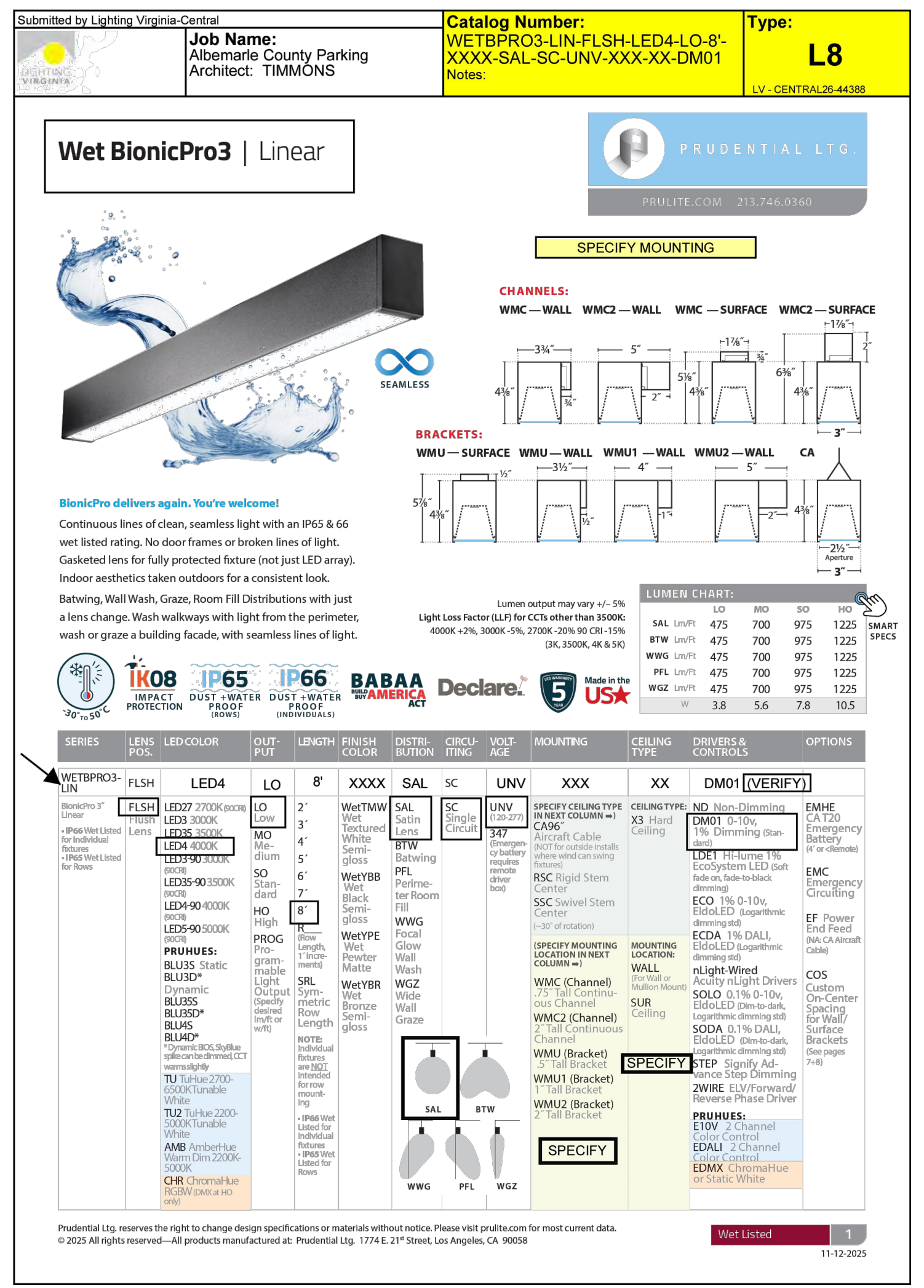
Wide Wall Graze (WWG)

Perimeter Fill (PFL)

Focal Glow Wall Wash (FGWW)

Satin (SAL) Vs. Batwing (BTW)

Submitted On: Mar 10, 2026 10/11 Index Page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SPECIFY MOUNTING

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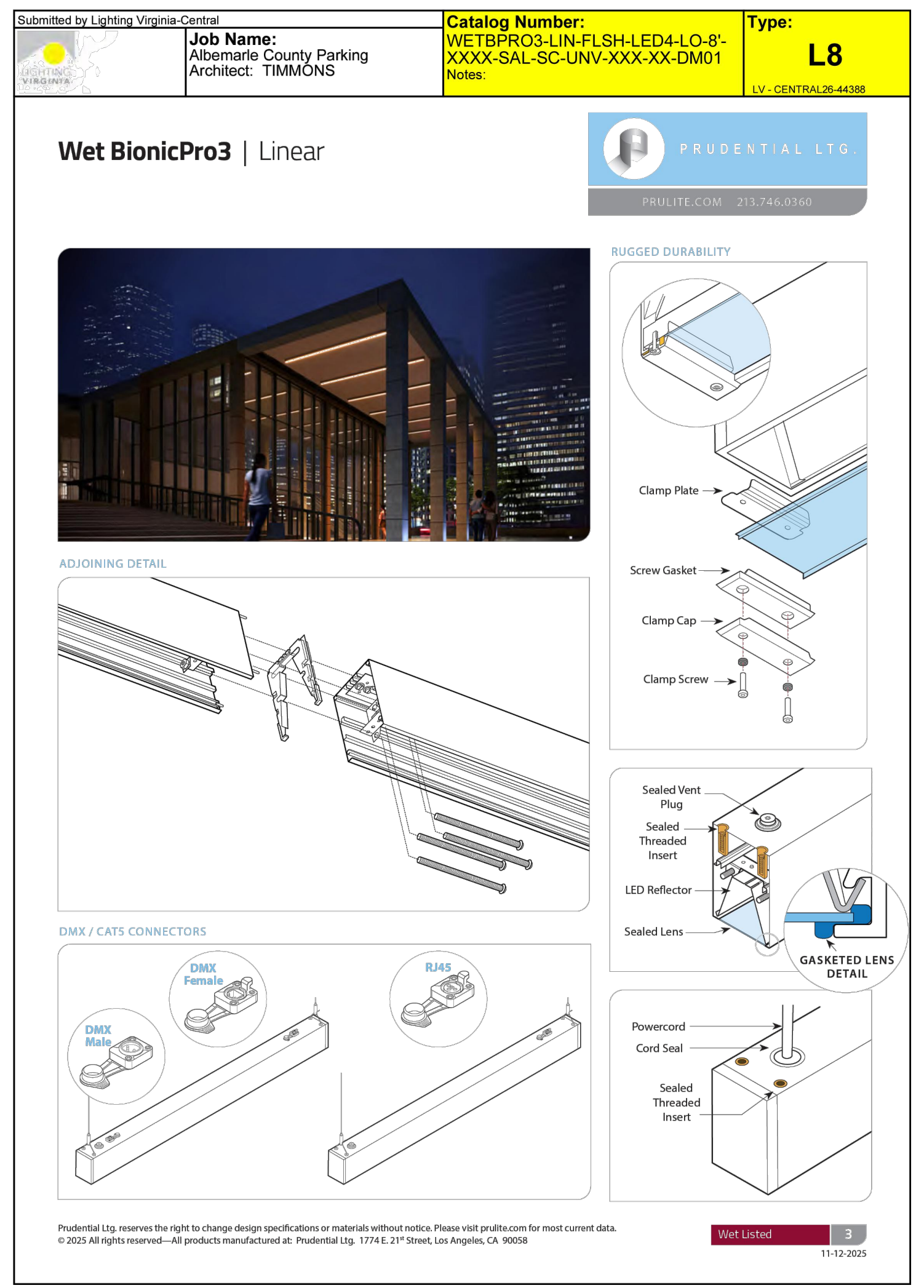
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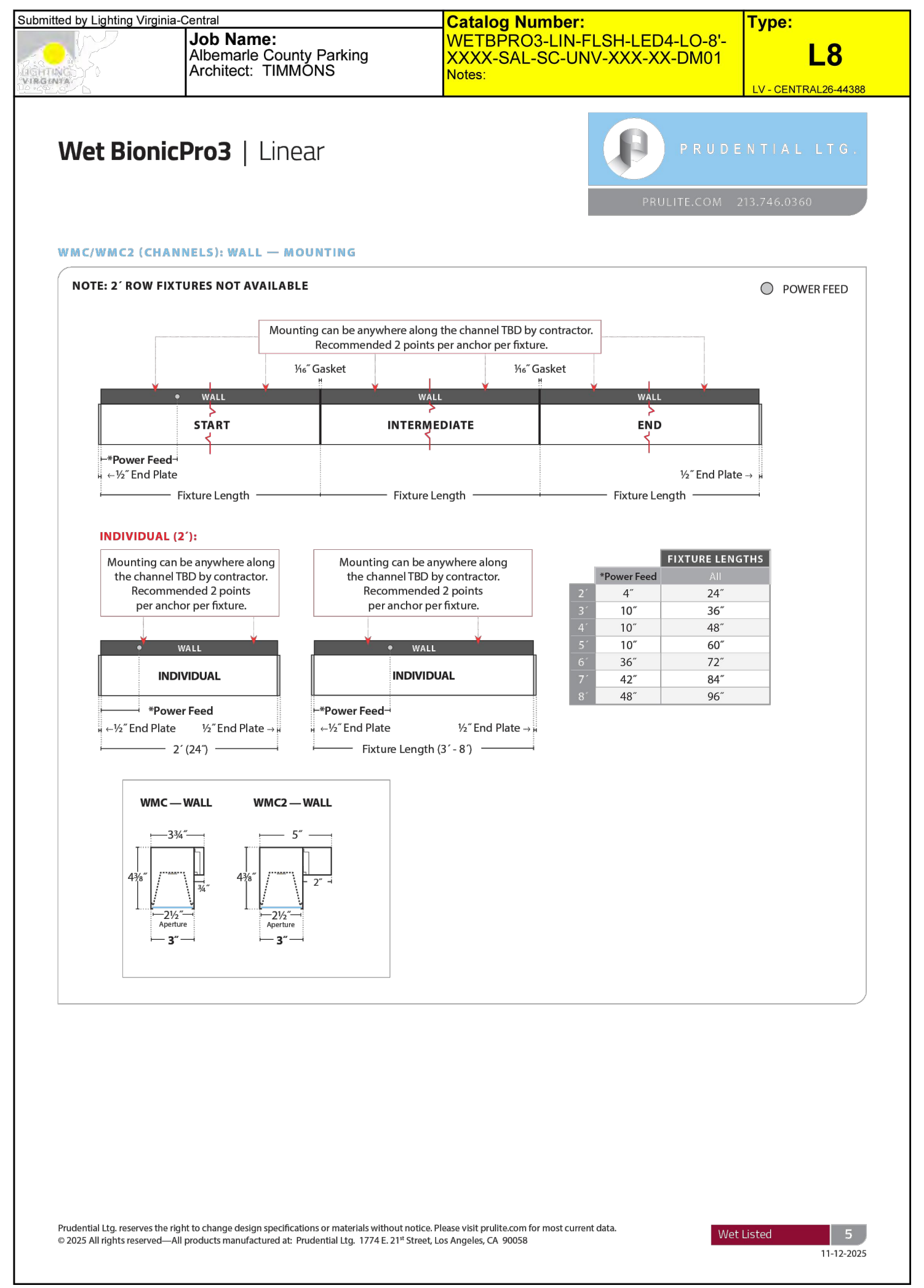
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Submitted On: Mar 10, 2026 5/11 Index Page

BA HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
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STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
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GASTRO HEALTH
FLAGLER ▪ MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
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LIGHTING VIRGINIA

REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
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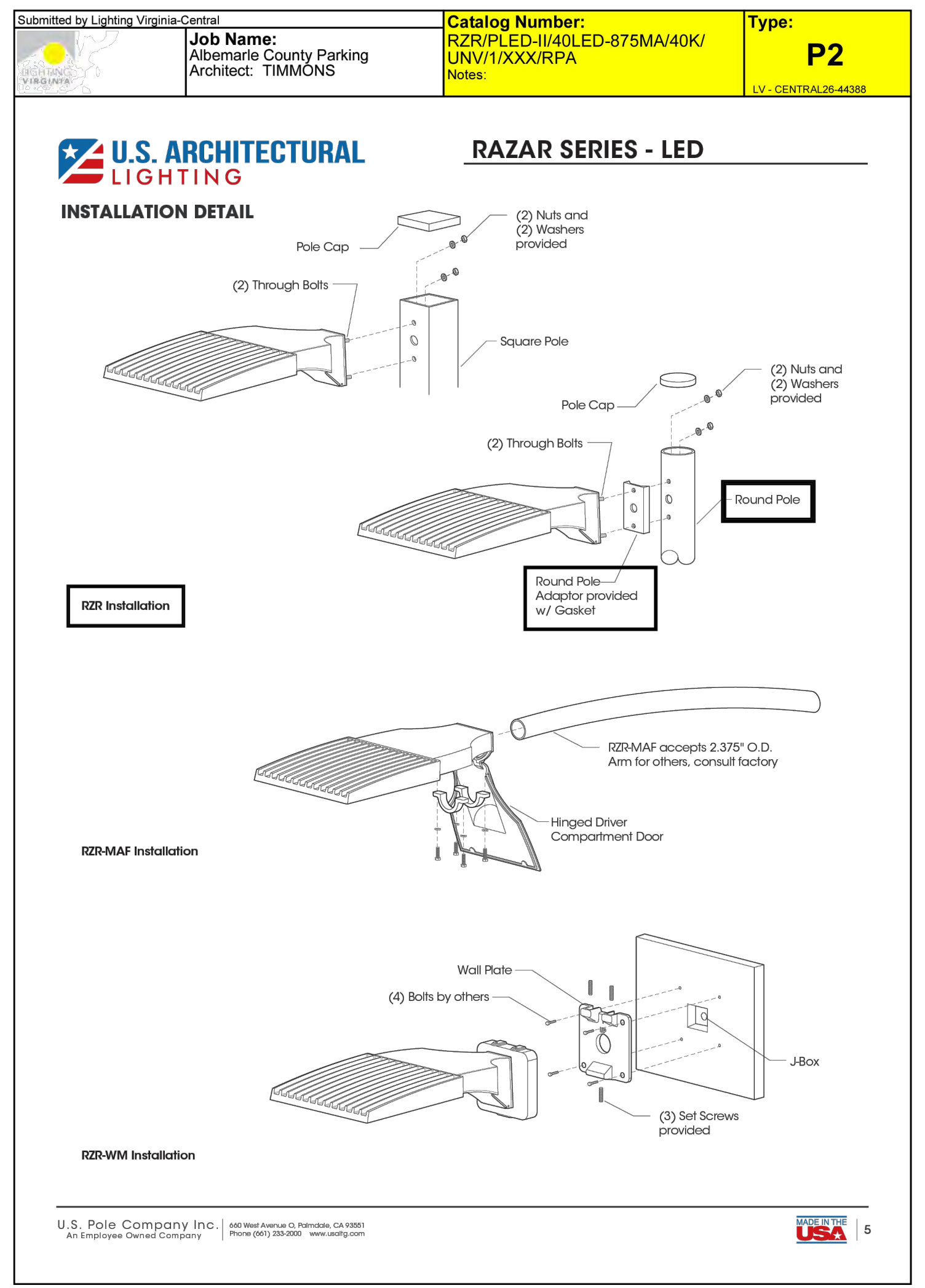
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.3



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Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

INSTALLATION DETAIL

Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Square Pole
Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Round Pole
Round Pole Adaptor provided w/ Gasket
RZR Installation
RZR-MAF accepts 2.375" O.D. Arm for others, consult factory
Hinged Driver Compartment Door
RZR-MAF Installation
Wall Plate
(4) Bolts by others
J-Box
(3) Set Screws provided
RZR-WM Installation

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An Employee Owned Company | Phone (661) 233-2000 www.usaltg.com

MADE IN THE USA | 5

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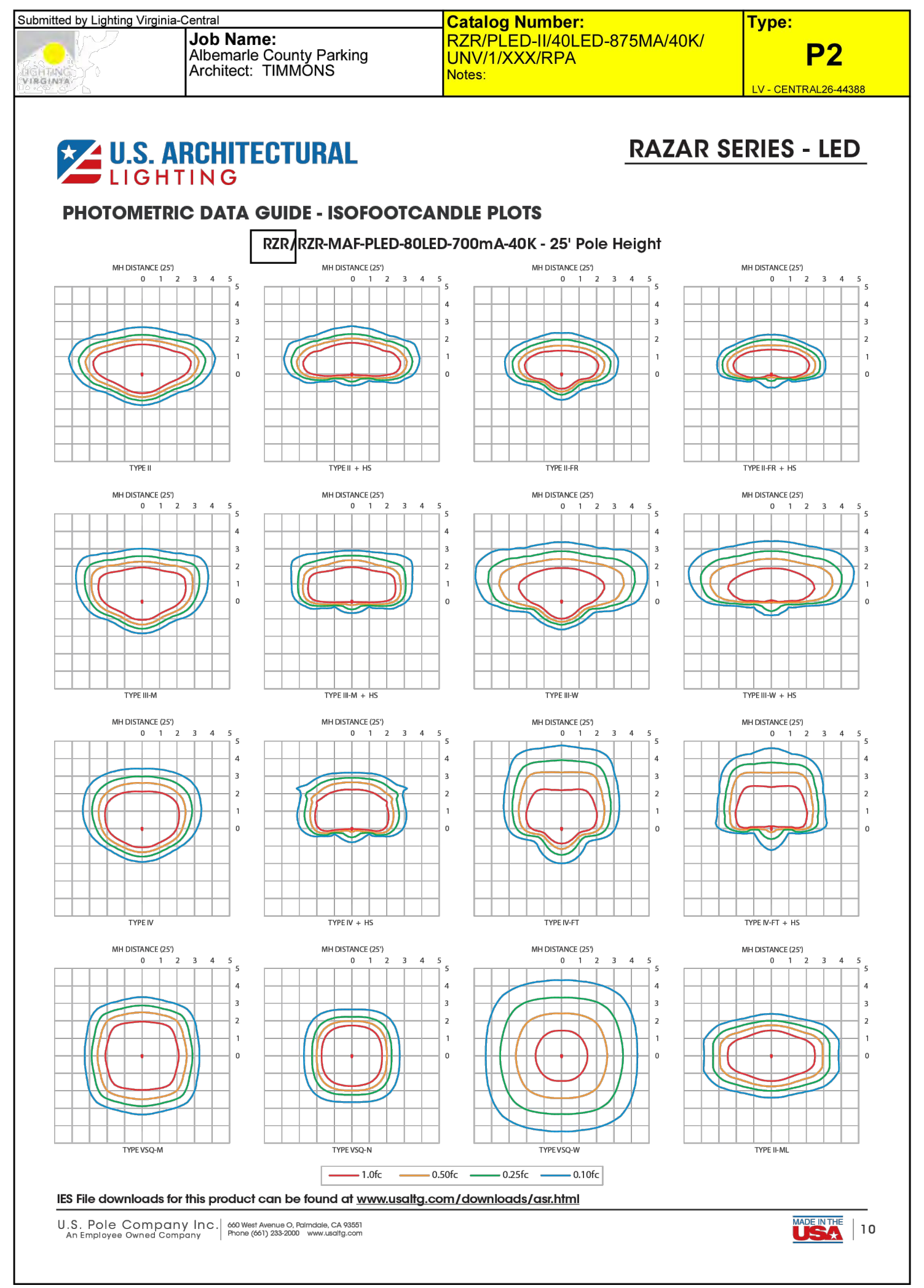

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/RPA
Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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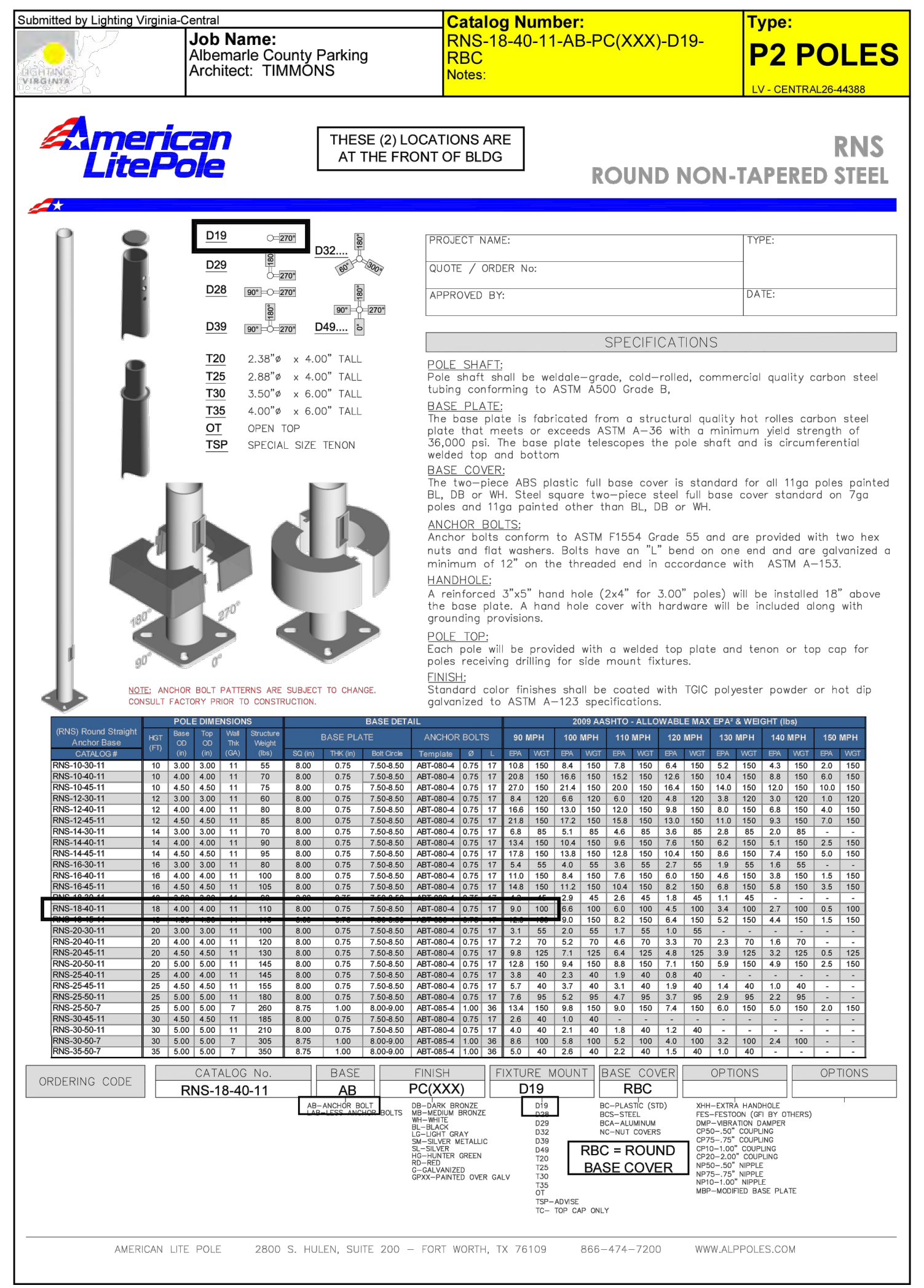

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RNS-18-40-11-AB-PC(XXX)-D19-RBC
Notes:

Type: P2 POLES
LV - CENTRAL26-44388

American LitePole

THESE (2) LOCATIONS ARE AT THE FRONT OF BLDG

RNS
ROUND NON-TAPERED STEEL

D19 270°
D29 180° 270°
D28 90° 270°
D39 90° 180° 270°
D32.... 180° 60° 300°
D49.... 90° 180° 270° 0°
180° 270° 90° 0°

T20 2.38"ø x 4.00" TALL
T25 2.88"ø x 4.00" TALL
T30 3.50"ø x 6.00" TALL
T35 4.00"ø x 6.00" TALL
OT OPEN TOP
TSP SPECIAL SIZE TENON

NOTE: ANCHOR BOLT PATTERNS ARE SUBJECT TO CHANGE. CONSULT FACTORY PRIOR TO CONSTRUCTION.

PROJECT NAME:	TYPE:
QUOTE / ORDER No:	
APPROVED BY:	DATE:

SPECIFICATIONS

POLE SHAFT:
Pole shaft shall be weldale-grade, cold-rolled, commercial quality carbon steel tubing conforming to ASTM A500 Grade B,

BASE PLATE:
The base plate is fabricated from a structural quality hot rolles carbon steel plate that meets or exceeds ASTM A-36 with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferential welded top and bottom

BASE COVER:
The two-piece ABS plastic full base cover is standard for all 11ga poles painted BL, DB or WH. Steel square two-piece steel full base cover standard on 7ga poles and 11ga painted other than BL, DB or WH.

ANCHOR BOLTS:
Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end in accordance with ASTM A-153.

HANDHOLE:
A reinforced 3"x5" hand hole (2x4" for 3.00" poles) will be installed 18" above the base plate. A hand hole cover with hardware will be included along with grounding provisions.

POLE TOP:
Each pole will be provided with a welded top plate and tenon or top cap for poles receiving drilling for side mount fixtures.

FINISH:
Standard color finishes shall be coated with TGIC polyester powder or hot dip galvanized to ASTM A-123 specifications.

(RNS) Round Straight Anchor Base	POLE DIMENSIONS					BASE DETAIL						2009 AASHTO - ALLOWABLE MAX EPA² & WEIGHT (lbs)													
						BASE PLATE			ANCHOR BOLTS			90 MPH		100 MPH		110 MPH		120 MPH		130 MPH		140 MPH		150 MPH	
CATALOG #	HGT (FT)	Base OD (in)	Top OD (in)	Wall Thk (GA)	Structure Weight (lbs)	SQ (in)	THK (in)	Bolt Circle	Template	Ø	L	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT
RNS-10-30-11	10	3.00	3.00	11	55	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	10.8	150	8.4	150	7.8	150	6.4	150	5.2	150	4.3	150	2.0	150
RNS-10-40-11	10	4.00	4.00	11	70	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	20.8	150	16.6	150	15.2	150	12.6	150	10.4	150	8.8	150	6.0	150
RNS-10-45-11	10	4.50	4.50	11	75	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	27.0	150	21.4	150	20.0	150	16.4	150	14.0	150	12.0	150	10.0	150
RNS-12-30-11	12	3.00	3.00	11	60	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	8.4	120	6.6	120	6.0	120	4.8	120	3.8	120	3.0	120	1.0	120
RNS-12-40-11	12	4.00	4.00	11	80	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	16.6	150	13.0	150	12.0	150	9.8	150	8.0	150	6.8	150	4.0	150
RNS-12-45-11	12	4.50	4.50	11	85	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	21.8	150	17.2	150	15.8	150	13.0	150	11.0	150	9.3	150	7.0	150
RNS-14-30-11	14	3.00	3.00	11	70	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	6.8	85	5.1	85	4.6	85	3.6	85	2.8	85	2.0	85	-	-
RNS-14-40-11	14	4.00	4.00	11	90	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	13.4	150	10.4	150	9.6	150	7.6	150	6.2	150	5.1	150	2.5	150
RNS-14-45-11	14	4.50	4.50	11	95	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	17.8	150	13.8	150	12.8	150	10.4	150	8.6	150	7.4	150	5.0	150
RNS-16-30-11	16	3.00	3.00	11	80	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	5.4	55	4.0	55	3.6	55	2.7	55	1.9	55	1.6	55	-	-
RNS-16-40-11	16	4.00	4.00	11	100	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	11.0	150	8.4	150	7.6	150	6.0	150	4.6	150	3.8	150	1.5	150
RNS-16-45-11	16	4.50	4.50	11	105	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	14.8	150	11.2	150	10.4	150	8.2	150	6.8	150	5.8	150	3.5	150
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.9	45	2.6	45	1.8	45	1.1	45	-	-	-	-
RNS-18-40-11	18	4.00	4.00	11	110	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	9.0	100	6.6	100	6.0	100	4.5	100	3.4	100	2.7	100	0.5	100
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.0	150	8.2	150	6.4	150	5.2	150	4.4	150	1.5	150
RNS-20-30-11	20	3.00	3.00	11	100	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	3.1	55	2.0	55	1.7	55	1.0	55	-	-	-	-	-	-
RNS-20-40-11	20	4.00	4.00	11	120	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	7.2	70	5.2	70	4.6	70	3.3	70	2.3	70	1.6	70	-	-
RNS-20-45-11	20	4.50	4.50	11	130	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	9.8	125	7.1	125	6.4	125	4.8	125	3.9	125	3.2	125	0.5	125
RNS-20-50-11	20	5.00	5.00	11	145	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	12.8	150	9.4	150	8.8	150	7.1	150	5.9	150	4.9	150	2.5	150
RNS-25-40-11	25	4.00	4.00	11	145	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	3.8	40	2.3	40	1.9	40	0.8	40	-	-	-	-	-	-
RNS-25-45-11	25	4.50	4.50	11	155	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	5.7	40	3.7	40	3.1	40	1.9	40	1.4	40	1.0	40	-	-
RNS-25-50-11	25	5.00	5.00	11	180	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	7.6	95	5.2	95	4.7	95	3.7	95	2.9	95	2.2	95	-	-
RNS-25-50-7	25	5.00	5.00	7	260	8.75	1.00	8.00-9.00	ABT-085-4	1.00	36	13.4	150	9.8	150	9.0	150	7.4	150	6.0	150	5.0	150	2.0	150
RNS-30-45-11	30	4.50	4.50	11	185	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	2.6	40	1.0	40	-	-	-	-	-	-	-	-	-	-
RNS-30-50-11	30	5.00	5.00	11	210	8.00	0.75	7.50-8.50	ABT-080-4	0.75	17	4.0	40	2.1	40	1.8	40	1.2	40	-	-	-	-	-	-
RNS-30-50-7	30	5.00	5.00	7	305	8.75	1.00	8.00-9.00	ABT-085-4	1.00	36	8.6	100	5.8	100	5.2	100	4.0	100	3.2	100	2.4	100	-	-
RNS-35-50-7	35	5.00	5.00	7	350	8.75	1.00	8.00-9.00	ABT-085-4	1.00	36	5.0	40	2.6	40	2.2	40	1.5	40	1.0	40	-	-	-	-

ORDERING CODE	CATALOG No.	BASE	FINISH	FIXTURE MOUNT	BASE COVER	OPTIONS	OPTIONS
	RNS-18-40-11	AB	PC(XXX)	D19	RBC		
		AB-ANCHOR BOLT LAB-LESS ANCHOR BOLTS	DB-DARK BRONZE MB-MEDIUM BRONZE WH-WHITE BL-BLACK LG-LIGHT GRAY SM-SILVER METALLIC SL-SILVER HG-HUNTER GREEN RD-RED G-GALVANIZED GPXX-PAINTED OVER GALV	D19 D28 D29 D32 D39 D49 T20 T25 T30 T35 OT TSP-ADVISE TC- TOP CAP ONLY	BC-PLASTIC (STD) BCS-STEEL BCA-ALUMINUM NC-NUT COVERS	XHH-EXTRA HANDHOLE FES-FESTOON (GFI BY OTHERS) DMP-VIBRATION DAMPER CP50-.50" COUPLING CP75-.75" COUPLING CP10-1.00" COUPLING CP20-2.00" COUPLING NP50-.50" NIPPLE NP75-.75" NIPPLE NP10-1.00" NIPPLE MBP-MODIFIED BASE PLATE	

RBC = ROUND BASE COVER

AMERICAN LITE POLE 2800 S. HULEN, SUITE 200 – FORT WORTH, TX 76109 866-474-7200 WWW.ALPPOLES.COM

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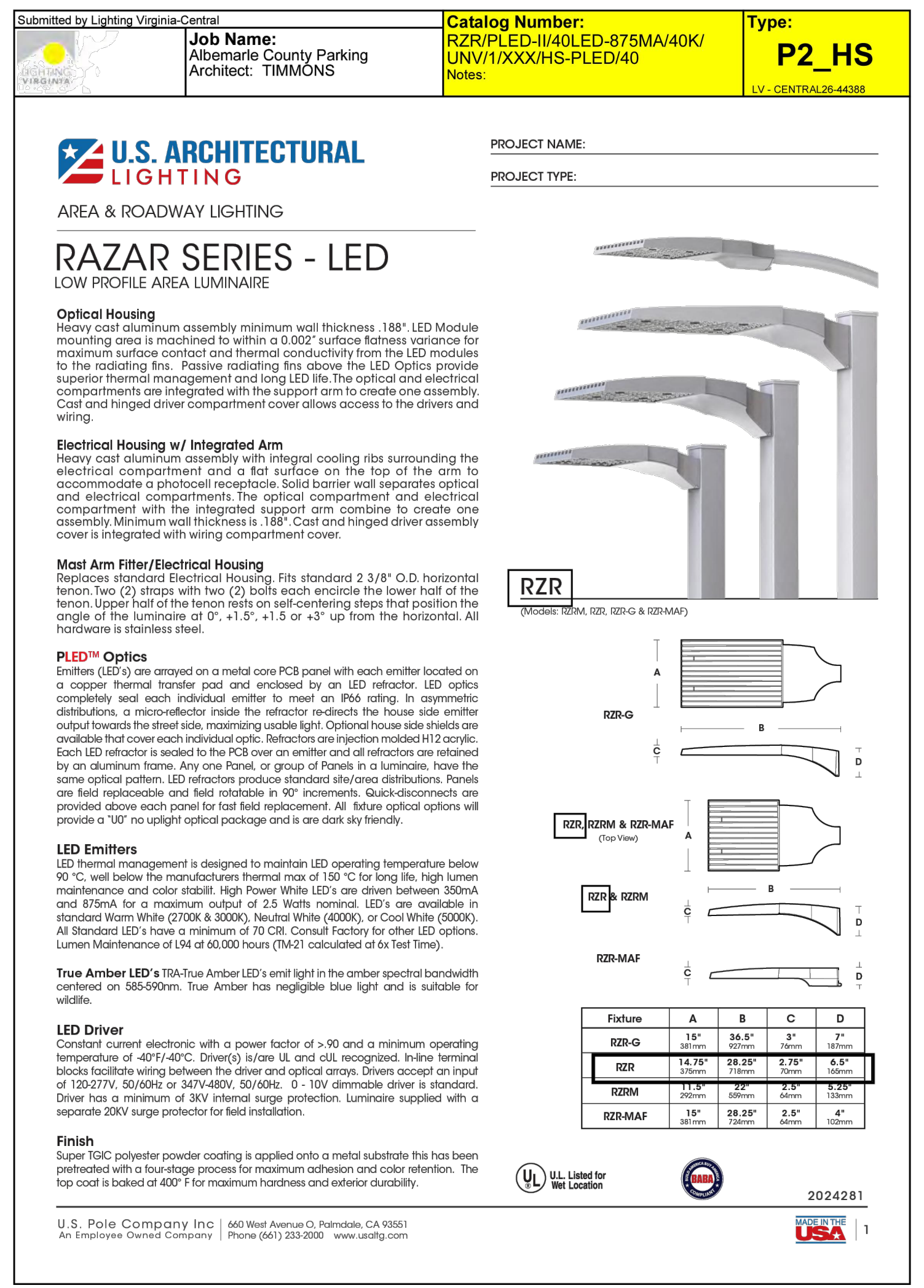

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:
PROJECT TYPE:

AREA & ROADWAY LIGHTING

RAZAR SERIES - LED
LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm
Heavy cast aluminum assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

Mast Arm Fitter/Electrical Housing
Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless steel.

PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side, maximizing usable light. Optional house side shields are available that cover each individual optic. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments. Quick-disconnects are provided above each panel for fast field replacement. All fixture optical options will provide a "U0" no uplight optical package and is are dark sky friendly.

LED Emitters
LED thermal management is designed to maintain LED operating temperature below 90 °C, well below the manufacturers thermal max of 150 °C for long life, high lumen maintenance and color stabilit. High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with a separate 20KV surge protector for field installation.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

RZR
(Models: RZRM, RZR, RZR-G & RZR-MAF)
RZR-G
RZR, RZRM & RZR-MAF (Top View)
RZR & RZRM
RZR-MAF
A
B
C
D

Fixture	A	B	C	D
RZR-G	15" 381mm	36.5" 927mm	3" 76mm	7" 187mm
RZR	14.75" 375mm	28.25" 718mm	2.75" 70mm	6.5" 165mm
RZRM	11.5" 292mm	22" 559mm	2.5" 64mm	5.25" 133mm
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

U.L. Listed for Wet Location

2024281

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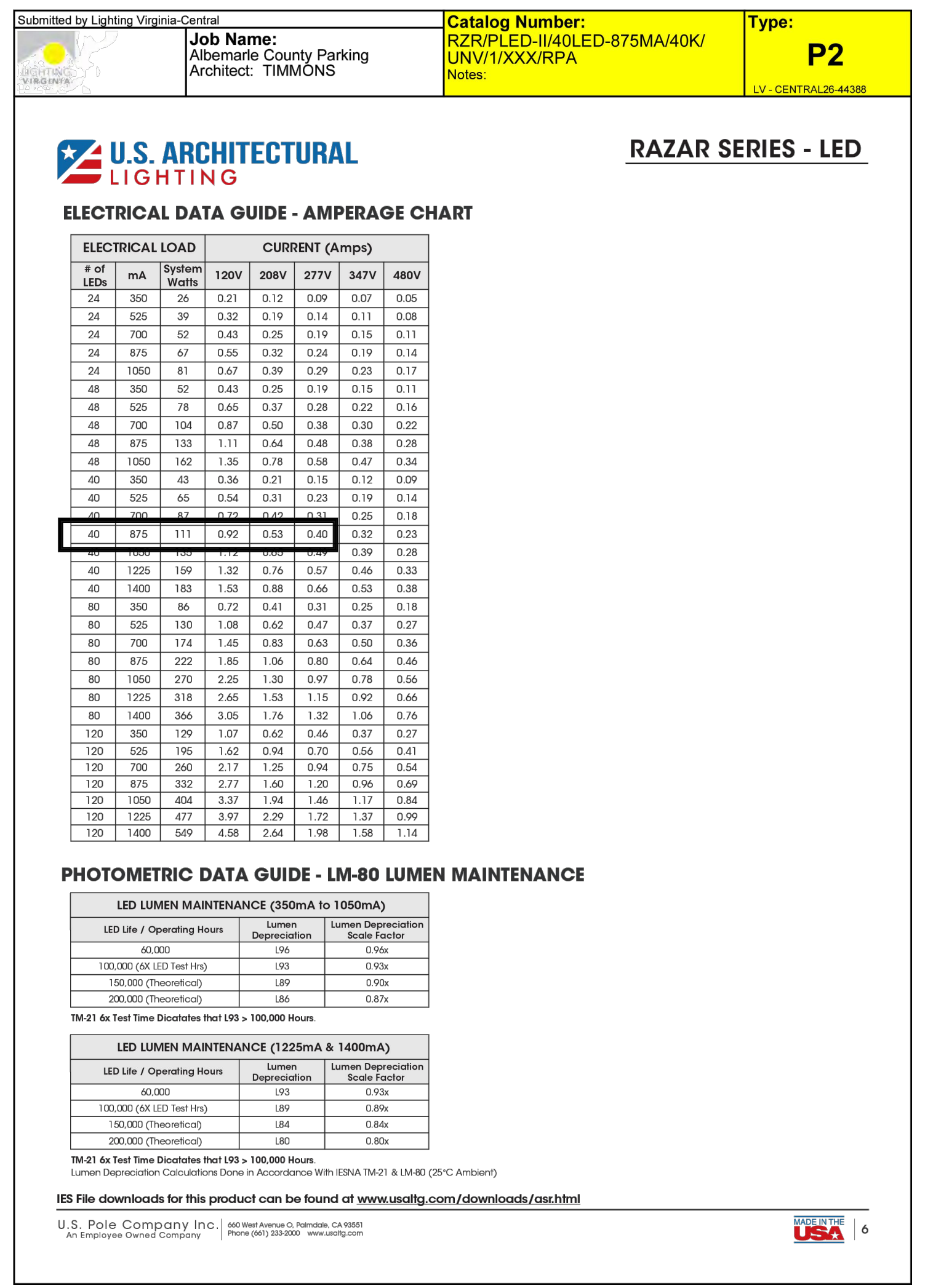

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/RPA
Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

LED LUMEN MAINTENANCE (1225mA & 1400mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L93	0.93x
100,000 (6X LED Test Hrs)	L89	0.89x
150,000 (Theoretical)	L84	0.84x
200,000 (Theoretical)	L80	0.80x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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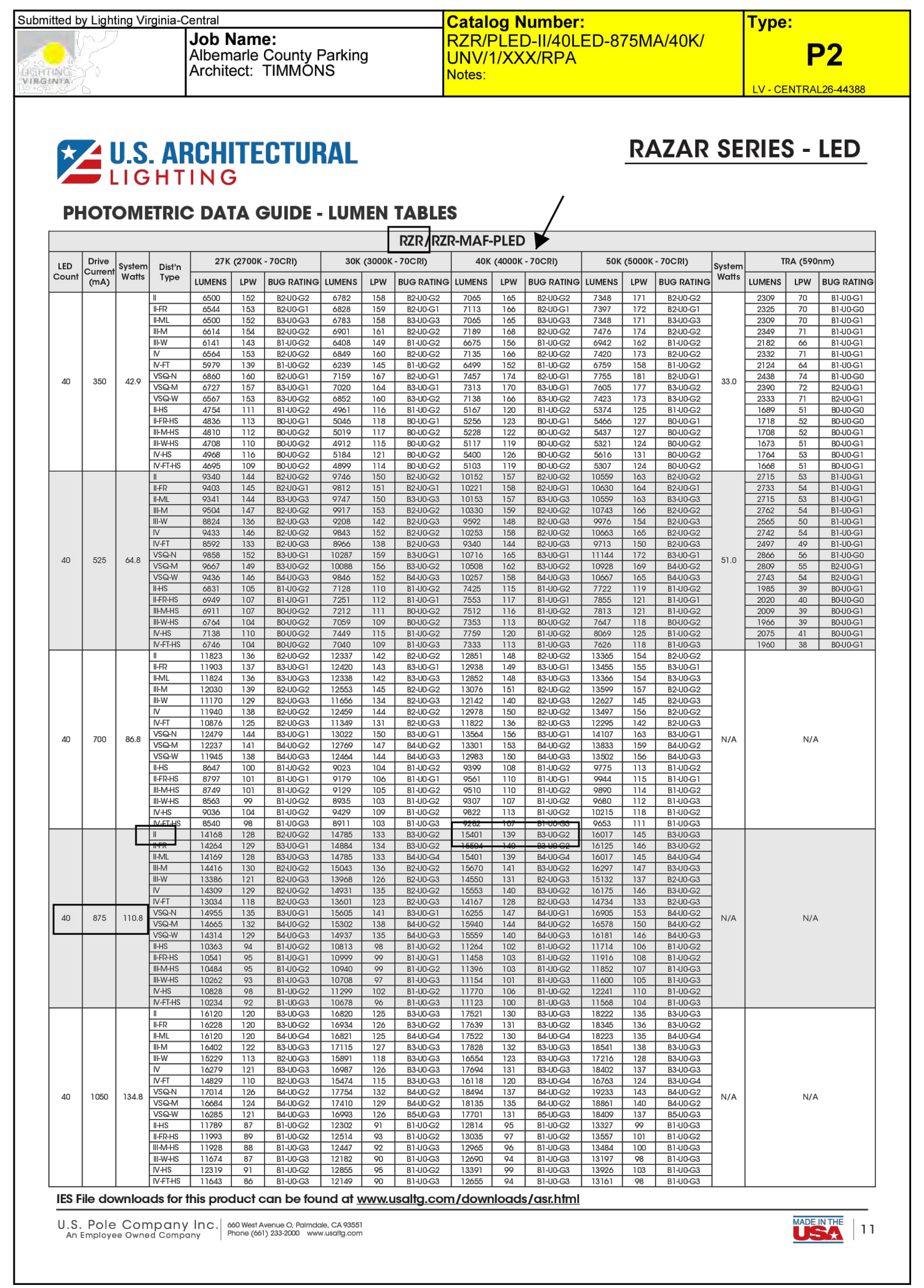

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/RPA
Notes:

Type: P2
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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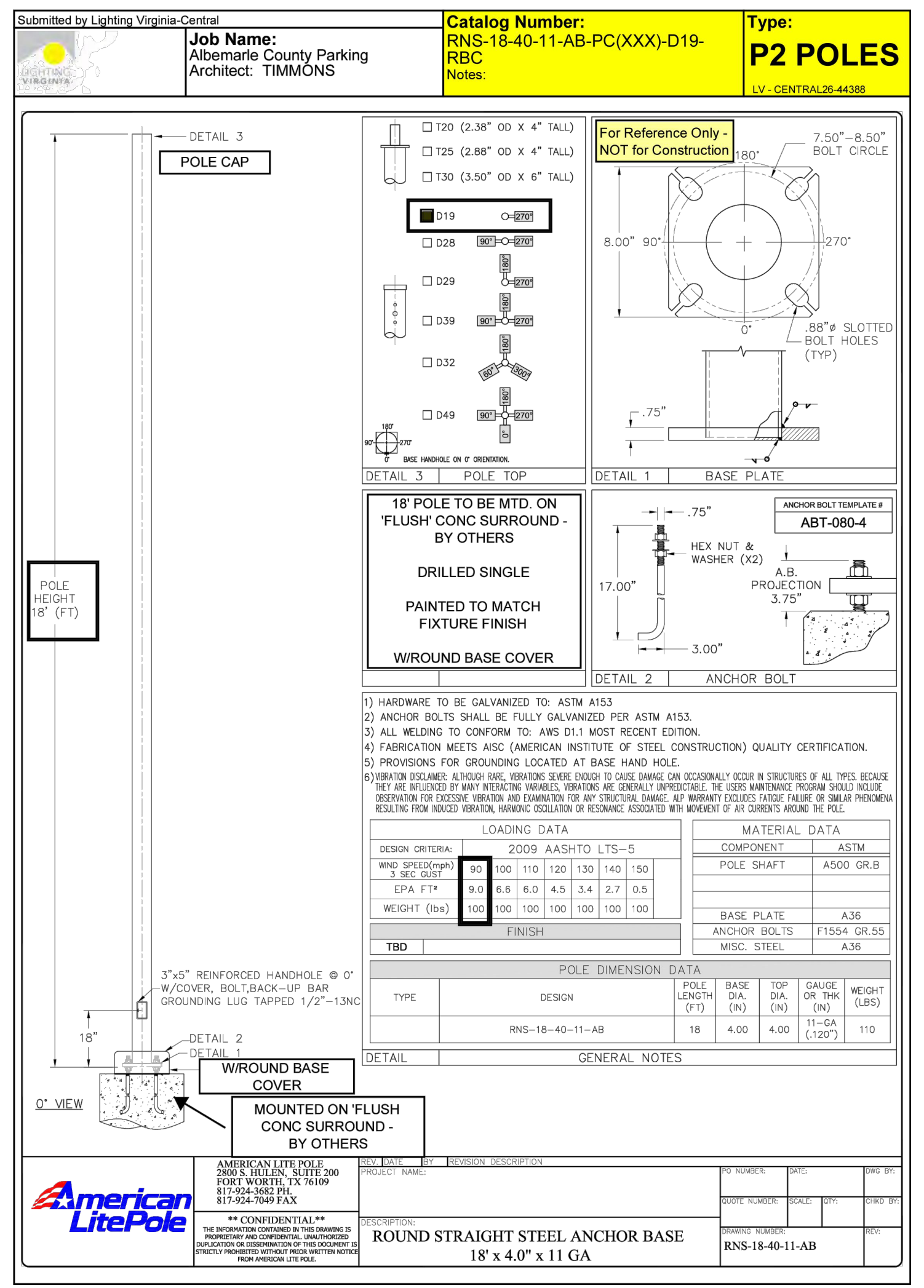

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RNS-18-40-11-AB-PC(XXX)-D19-RBC
Notes:

Type: P2 POLES
LV - CENTRAL26-44388

☐ T20 (2.38" OD X 4" TALL)
☐ T25 (2.88" OD X 4" TALL)
☐ T30 (3.50" OD X 6" TALL)
☒ D19
☐ D28
☐ D29
☐ D39
☐ D32
☐ D49

18' POLE TO BE MTD. ON 'FLUSH' CONC SURROUND - BY OTHERS

DRILLED SINGLE

PAINTED TO MATCH FIXTURE FINISH

W/ROUND BASE COVER

1) HARDWARE TO BE GALVANIZED TO: ASTM A153
2) ANCHOR BOLTS SHALL BE FULLY GALVANIZED PER ASTM A153.
3) ALL WELDING TO CONFORM TO: AWS D1.1 MOST RECENT EDITION.
4) FABRICATION MEETS AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) QUALITY CERTIFICATION.
5) PROVISIONS FOR GROUNDING LOCATED AT BASE HAND HOLE.
6) VIBRATION DISCLAIMER: ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USERS MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE. ALP WARRANTY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE POLE.

LOADING DATA							
DESIGN CRITERIA:	2009 AASHTO LTS-5						
WIND SPEED(mph) 3 SEC GUST	90	100	110	120	130	140	150
EPA FT²	9.0	6.6	6.0	4.5	3.4	2.7	0.5
WEIGHT (lbs)	100	100	100	100	100	100	100

FINISH
TBD

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A500 GR.B
BASE PLATE	A36
ANCHOR BOLTS	F1554 GR.55
MISC. STEEL	A36

POLE DIMENSION DATA						
TYPE	DESIGN	POLE LENGTH (FT)	BASE DIA. (IN)	TOP DIA. (IN)	GAUGE OR THK (IN)	WEIGHT (LBS)
	RNS-18-40-11-AB	18	4.00	4.00	11-GA (.120")	110

DETAIL | GENERAL NOTES

American LitePole
AMERICAN LITE POLE
2800 S. HULEN, SUITE 200
FORT WORTH, TX 76109
817-924-3682 PH.
817-924-7049 FAX

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REV.	DATE	BY	REVISION DESCRIPTION

PROJECT NAME:	PO NUMBER:	DATE:		DWG BY:
	QUOTE NUMBER:	SCALE:	QTY:	CHKD BY:
DESCRIPTION: ROUND STRAIGHT STEEL ANCHOR BASE 18' x 4.0" x 11 GA	DRAWING NUMBER: RNS-18-40-11-AB			REV:

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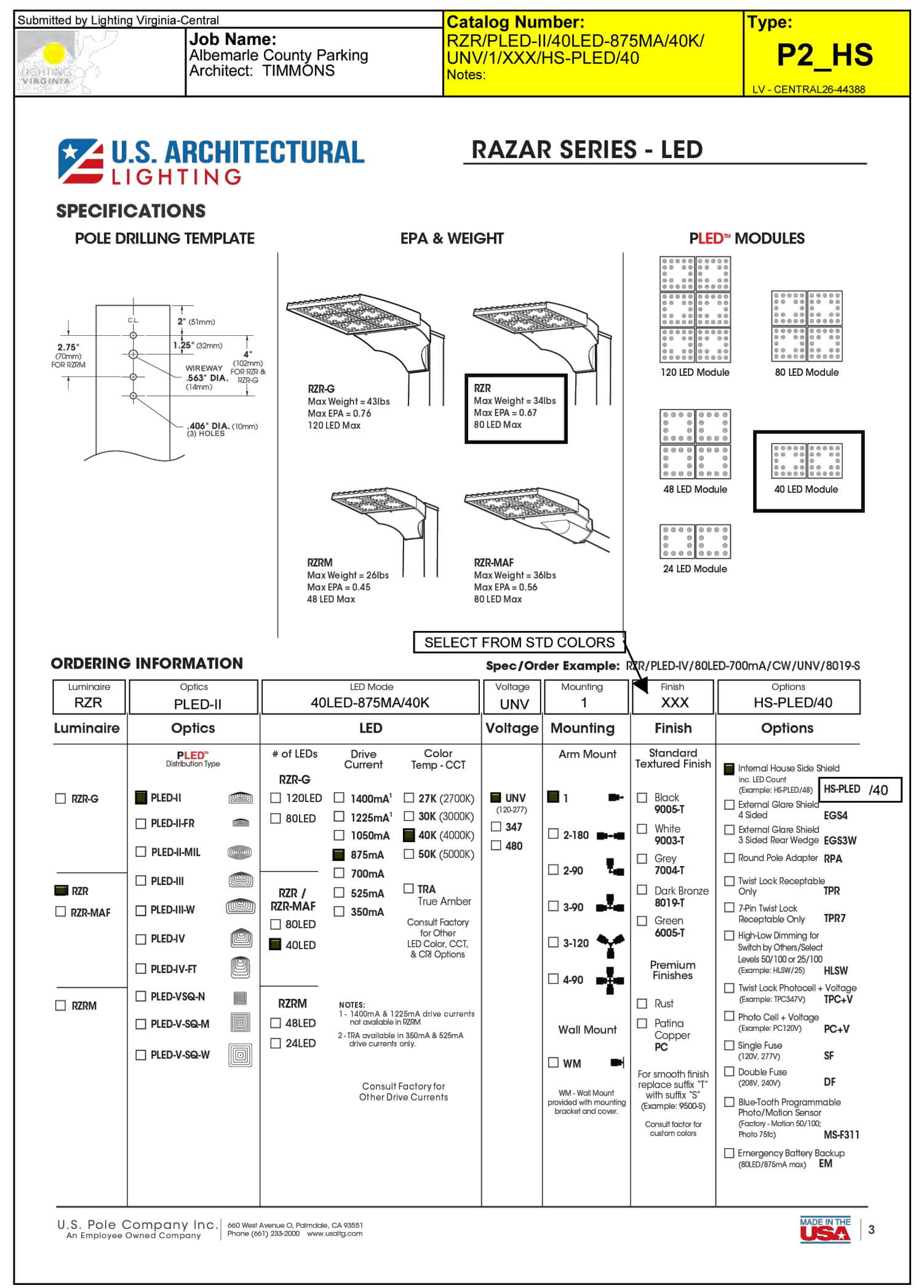

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

SPECIFICATIONS

POLE DRILLING TEMPLATE

C.L.
2" (51mm)
1.25" (32mm)
2.75" (70mm) FOR RZRM
4" (102mm) FOR RZR & RZR-G
WIREWAY .563" DIA. (14mm)
.406" DIA. (10mm) (3) HOLES

EPA & WEIGHT

RZR-G
Max Weight = 43lbs
Max EPA = 0.76
120 LED Max

RZR
Max Weight = 34lbs
Max EPA = 0.67
80 LED Max

RZRM
Max Weight = 26lbs
Max EPA = 0.45
48 LED Max

RZR-MAF
Max Weight = 36lbs
Max EPA = 0.56
80 LED Max

PLED™ MODULES

120 LED Module
80 LED Module
48 LED Module
40 LED Module
24 LED Module

SELECT FROM STD COLORS

ORDERING INFORMATION

Spec/Order Example: RZR/PLED-IV/80LED-700mA/CW/UNV/8019-S

Luminaire	Optics	LED Mode	Voltage	Mounting	Finish	Options
RZR	PLED-II	40LED-875MA/40K	UNV	1	XXX	HS-PLED/40

Luminaire
☐ RZR-G
☒ RZR
☐ RZR-MAF
☐ RZRM

Optics
PLED™ Distribution Type
☒ PLED-II
☐ PLED-II-FR
☐ PLED-II-MIL
☐ PLED-III
☐ PLED-III-W
☐ PLED-IV
☐ PLED-IV-FT
☐ PLED-VSQ-N
☐ PLED-V-SQ-M
☐ PLED-V-SQ-W

LED
# of LEDs
RZR-G
☐ 120LED
☐ 80LED
RZR / RZR-MAF
☐ 80LED
☒ 40LED
RZRM
☐ 48LED
☐ 24LED

Drive Current
☐ 1400mA[1]
☐ 1225mA[1]
☐ 1050mA
☒ 875mA
☐ 700mA
☐ 525mA
☐ 350mA

Color Temp - CCT
☐ 27K (2700K)
☐ 30K (3000K)
☒ 40K (4000K)
☐ 50K (5000K)
☐ TRA True Amber

Consult Factory for Other LED Color, CCT, & CRI Options

NOTES:
1 - 1400mA & 1225mA drive currents not available in RZRM
2 - TRA available in 350mA & 525mA drive currents only.

Consult Factory for Other Drive Currents

Voltage
☒ UNV (120-277)
☐ 347
☐ 480

Mounting
Arm Mount
☒ 1
☐ 2-180
☐ 2-90
☐ 3-90
☐ 3-120
☐ 4-90

Wall Mount
☐ WM

WM - Wall Mount provided with mounting bracket and cover.

Finish
Standard Textured Finish
☐ Black 9005-T
☐ White 9003-T
☐ Grey 7004-T
☐ Dark Bronze 8019-T
☐ Green 6005-T

Premium Finishes
☐ Rust
☐ Patina Copper PC

For smooth finish replace suffix "T" with suffix "S" (Example: 9500-S)

Consult factor for custom colors

Options
☒ Internal House Side Shield inc. LED Count (Example: HS-PLED/48) HS-PLED /40
☐ External Glare Shield 4 Sided EGS4
☐ External Glare Shield 3 Sided Rear Wedge EGS3W
☐ Round Pole Adapter RPA
☐ Twist Lock Receptable Only TPR
☐ 7-Pin Twist Lock Receptable Only TPR7
☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW
☐ Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V
☐ Photo Cell + Voltage (Example: PC120V) PC+V
☐ Single Fuse (120V, 277V) SF
☐ Double Fuse (208V, 240V) DF
☐ Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
☐ Emergency Battery Backup (80LED/875mA max) EM

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MADE IN THE USA | 3

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BA HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
PACE COLLABORATIVE
1277 Perimeter Pkwy
Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER · MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
NOT FOR CONSTRUCTION
LIGHTING VIRGINIA

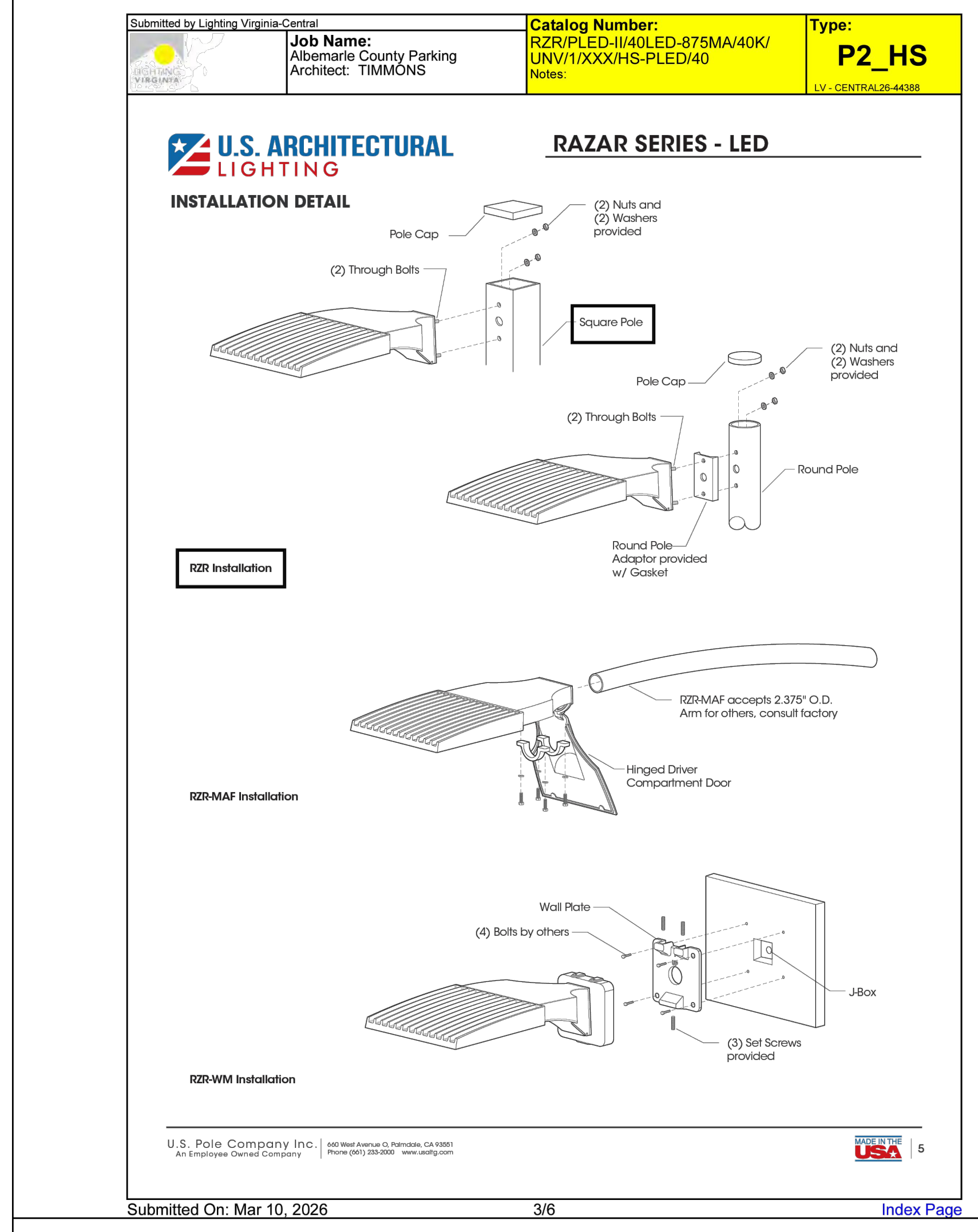
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.4



Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

RAZAR SERIES - LED

INSTALLATION DETAIL

Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Square Pole
Round Pole
Round Pole Adaptor provided w/ Gasket
RZR Installation
RZR-MAF accepts 2.375" O.D. Arm for others, consult factory
Hinged Driver Compartment Door
RZR-MAF Installation
Wall Plate
(4) Bolts by others
J-Box
(3) Set Screws provided
RZR-WM Installation

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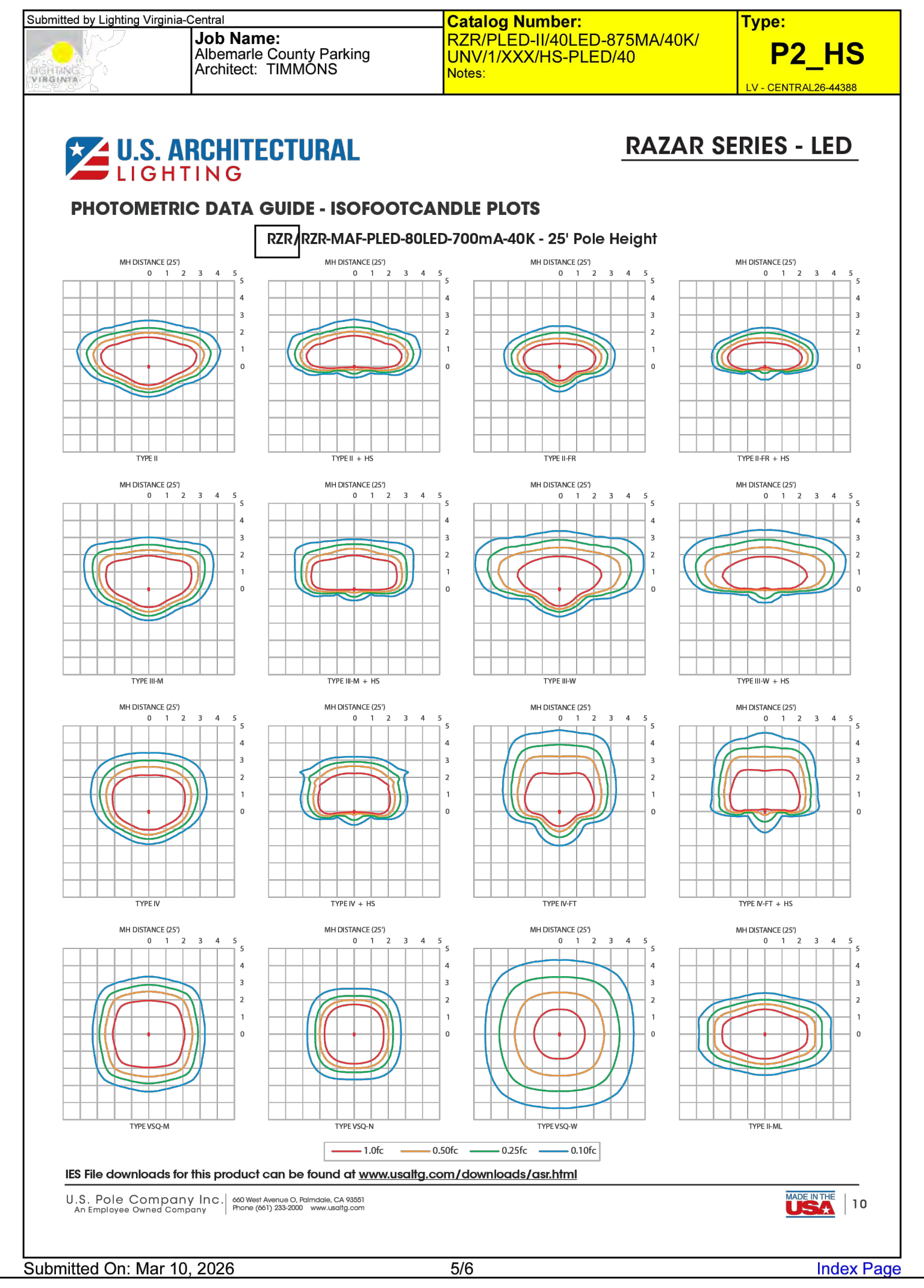

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Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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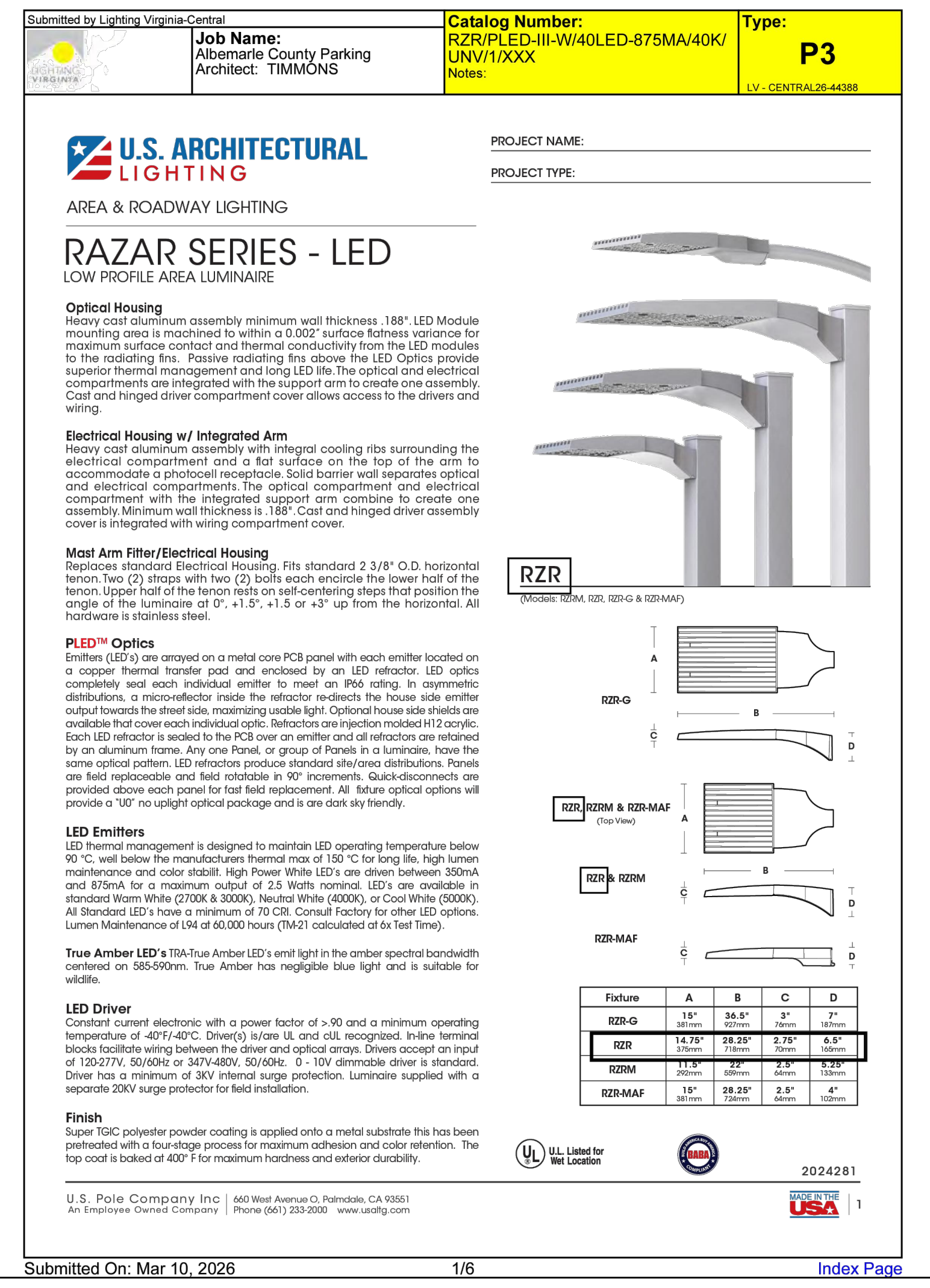

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX
Notes:

Type: P3
LV - CENTRAL26-44388

AREA & ROADWAY LIGHTING

PROJECT NAME:

PROJECT TYPE:

RAZAR SERIES - LED
LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm
Heavy cast aluminum assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

Mast Arm Fitter/Electrical Housing
Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless steel.

PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side, maximizing usable light. Optional house side shields are available that cover each individual optic. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments. Quick-disconnects are provided above each panel for fast field replacement. All fixture optical options will provide a "U0" no uplight optical package and is are dark sky friendly.

LED Emitters
LED thermal management is designed to maintain LED operating temperature below 90 °C, well below the manufacturers thermal max of 150 °C for long life, high lumen maintenance and color stabilit. High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with a separate 20KV surge protector for field installation.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

Fixture	A	B	C	D
RZR-G	15"	36.5"	3"	7"
RZR	14.75"	28.25"	2.75"	6.5"
RZRM	11.5"	22"	2.5"	5.25"
RZR-MAF	15"	28.25"	2.5"	4"

U.L. Listed for Wet Location

2024281

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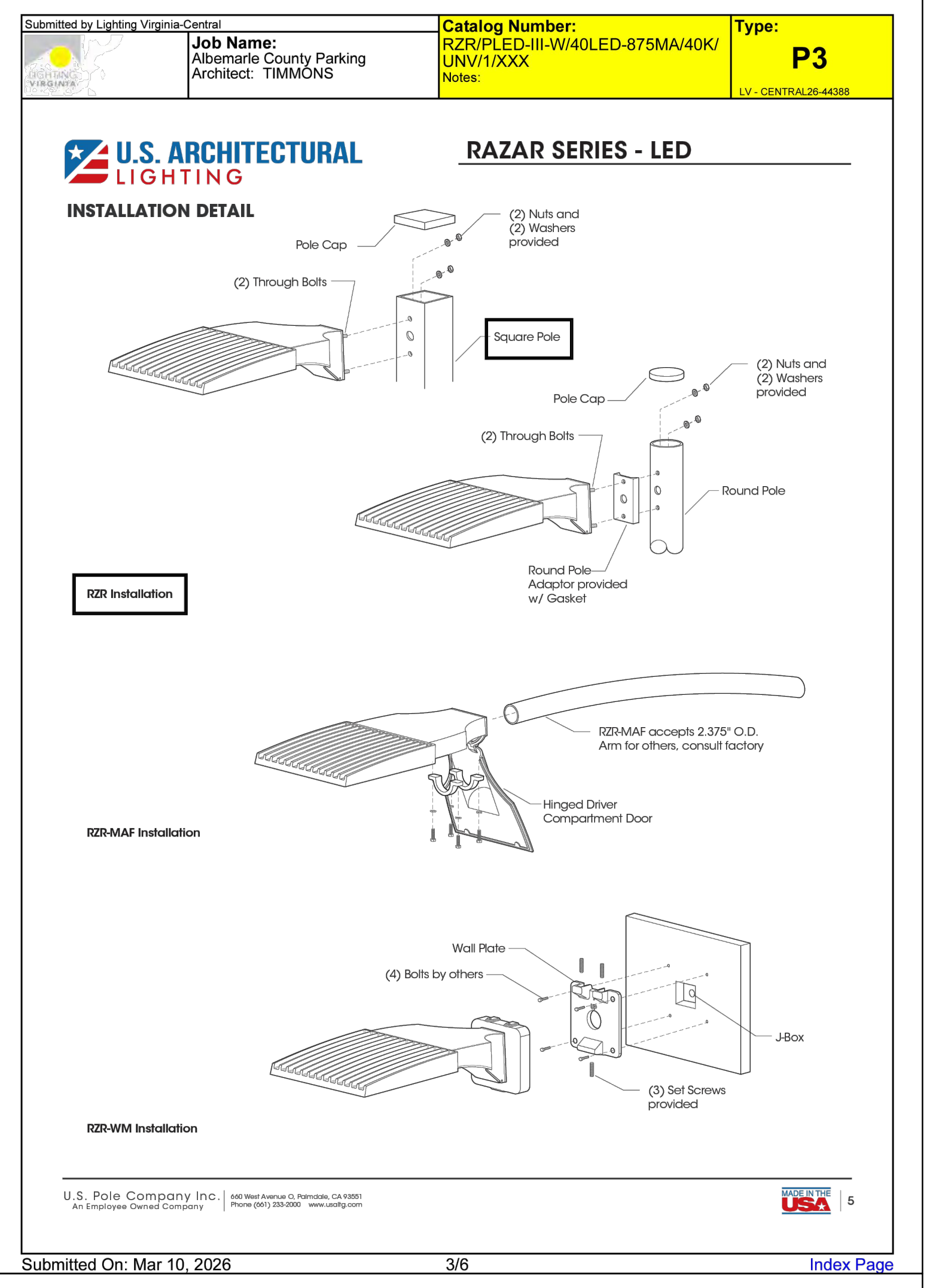

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX
Notes:

Type: P3
LV - CENTRAL26-44388

RAZAR SERIES - LED

INSTALLATION DETAIL

Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Square Pole
Round Pole
Round Pole Adaptor provided w/ Gasket
RZR Installation
RZR-MAF accepts 2.375" O.D. Arm for others, consult factory
Hinged Driver Compartment Door
RZR-MAF Installation
Wall Plate
(4) Bolts by others
J-Box
(3) Set Screws provided
RZR-WM Installation

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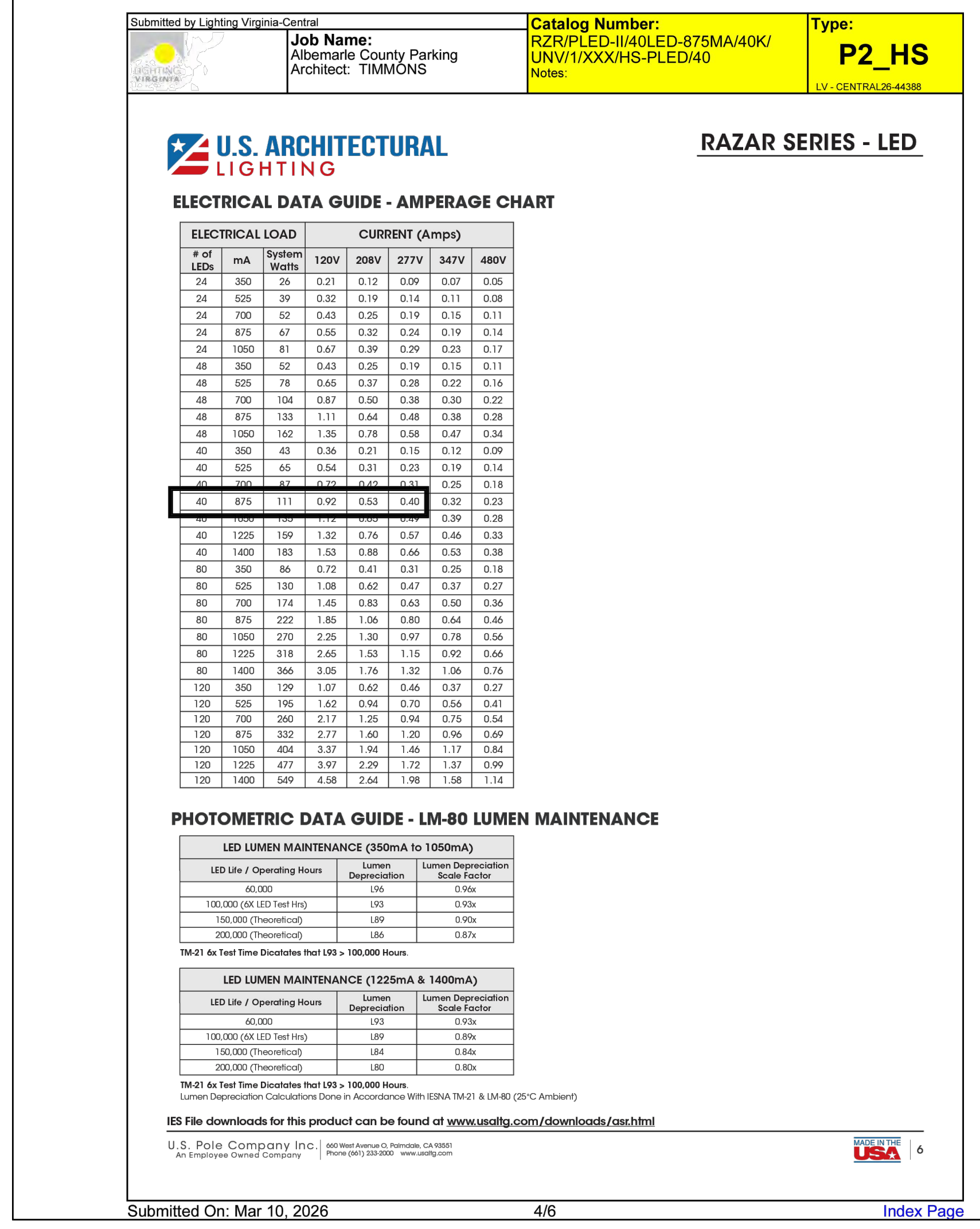

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

LED LUMEN MAINTENANCE (1225mA & 1400mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L93	0.93x
100,000 (6X LED Test Hrs)	L89	0.89x
150,000 (Theoretical)	L84	0.84x
200,000 (Theoretical)	L80	0.80x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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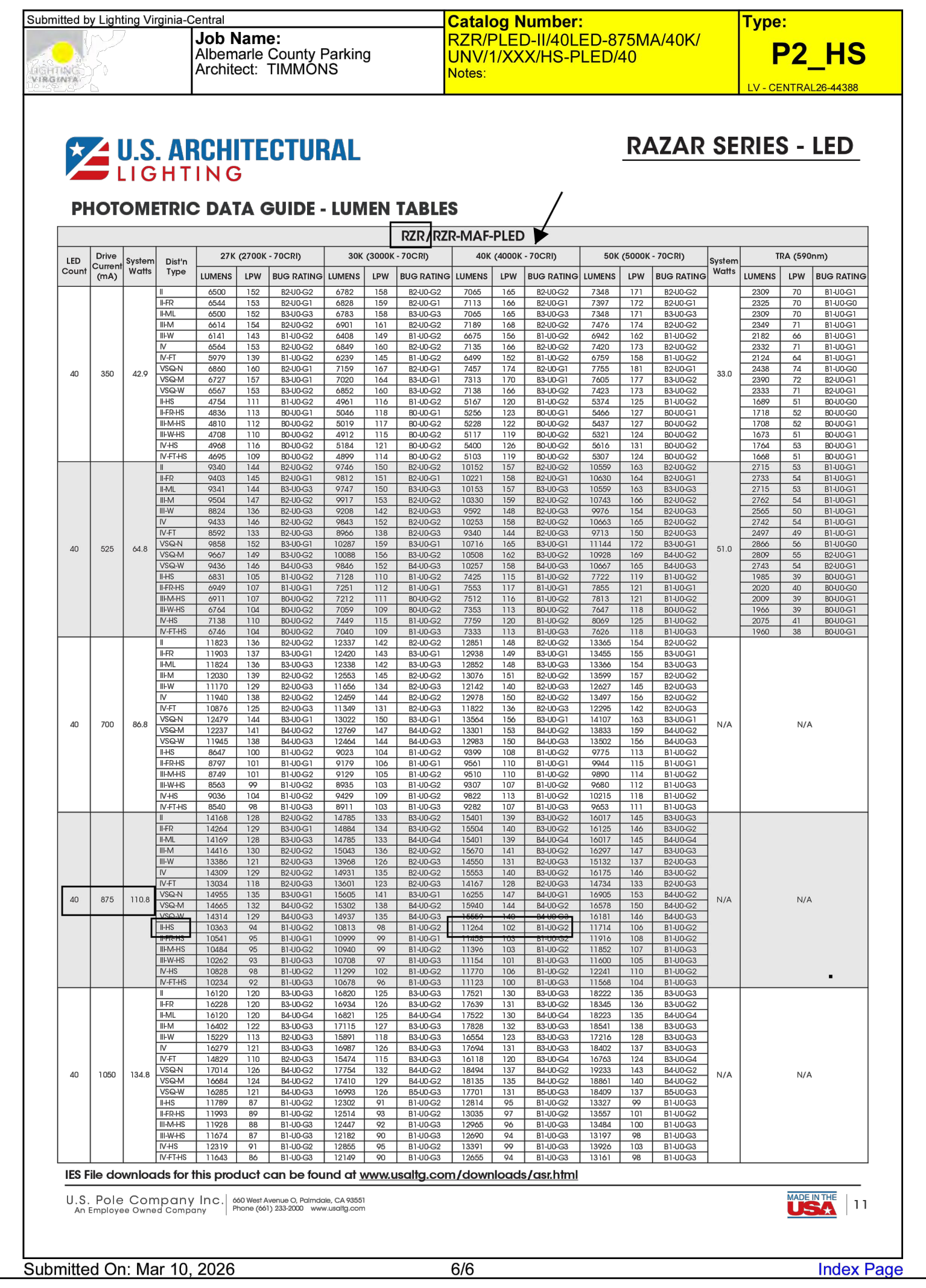

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-II/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P2_HS
LV - CENTRAL26-44388

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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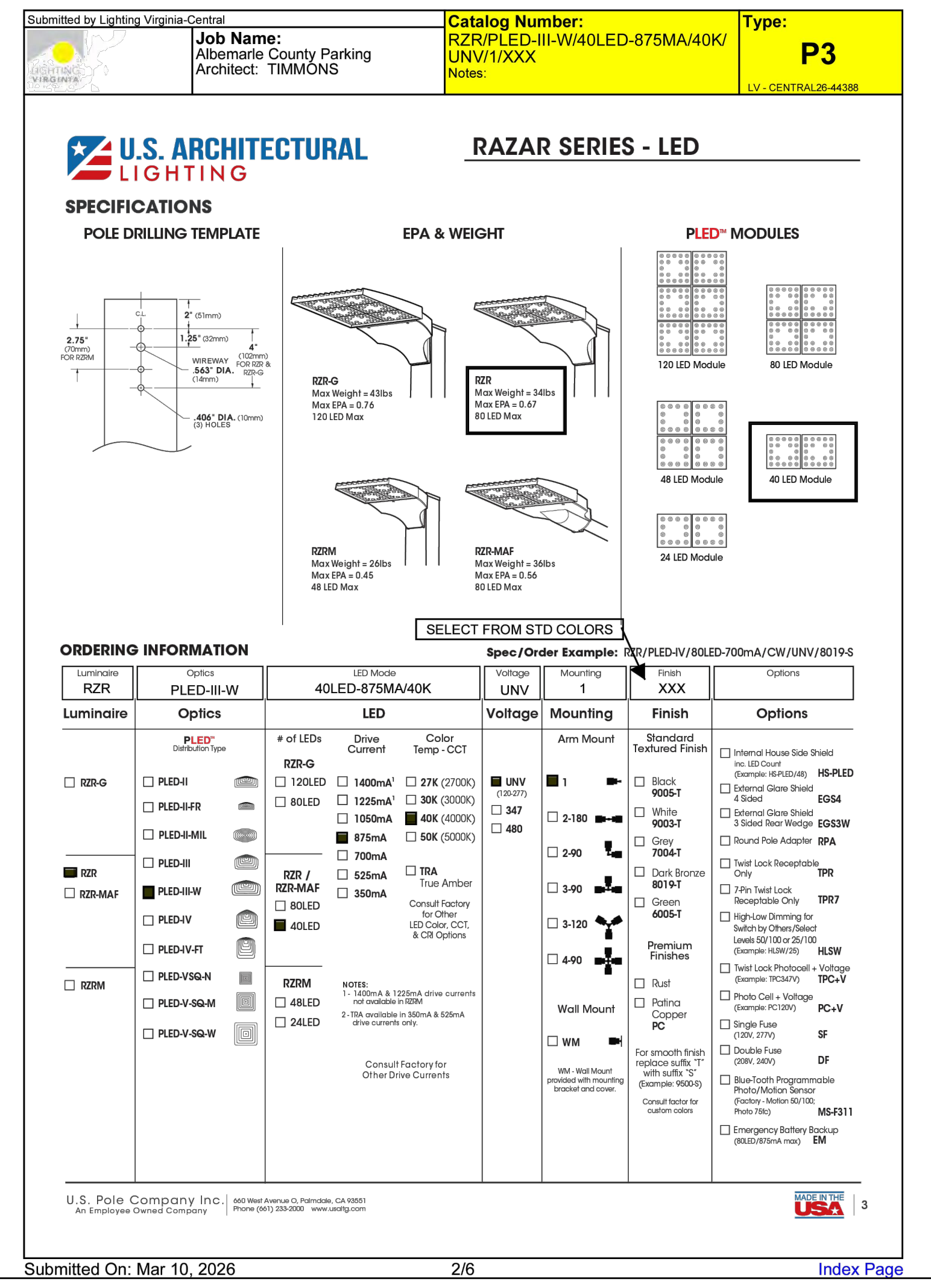

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX
Notes:

Type: P3
LV - CENTRAL26-44388

RAZAR SERIES - LED

SPECIFICATIONS

POLE DRILLING TEMPLATE

EPA & WEIGHT

PLED™ MODULES

ORDERING INFORMATION

SELECT FROM STD COLORS

Spec/Order Example: RZR/PLED-IV/80LED-700mA/40K/CW/UNV/8019-S

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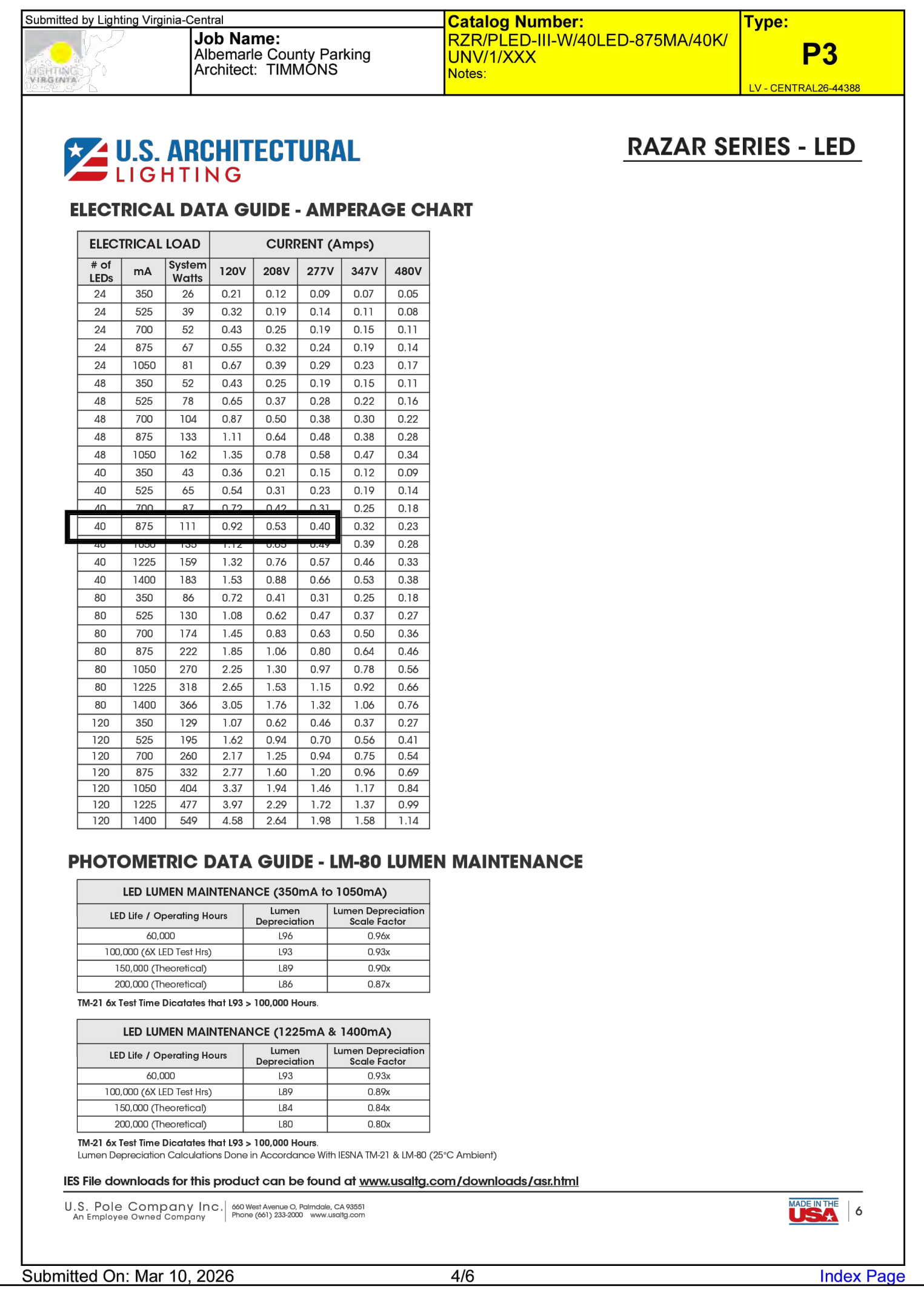

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Notes:

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LV - CENTRAL26-44388

RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

LED LUMEN MAINTENANCE (1225mA & 1400mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L93	0.93x
100,000 (6X LED Test Hrs)	L89	0.89x
150,000 (Theoretical)	L84	0.84x
200,000 (Theoretical)	L80	0.80x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

U.S. Pole Company Inc. | 660 West Avenue O, Palmdale, CA 93551
An Employee Owned Company | Phone (661) 233-2000 www.usaltg.com

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Design for *LIFE*

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CIVIL ENGINEER:
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Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
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P: 240.477.1883

OWNER:
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Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

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SEAL:
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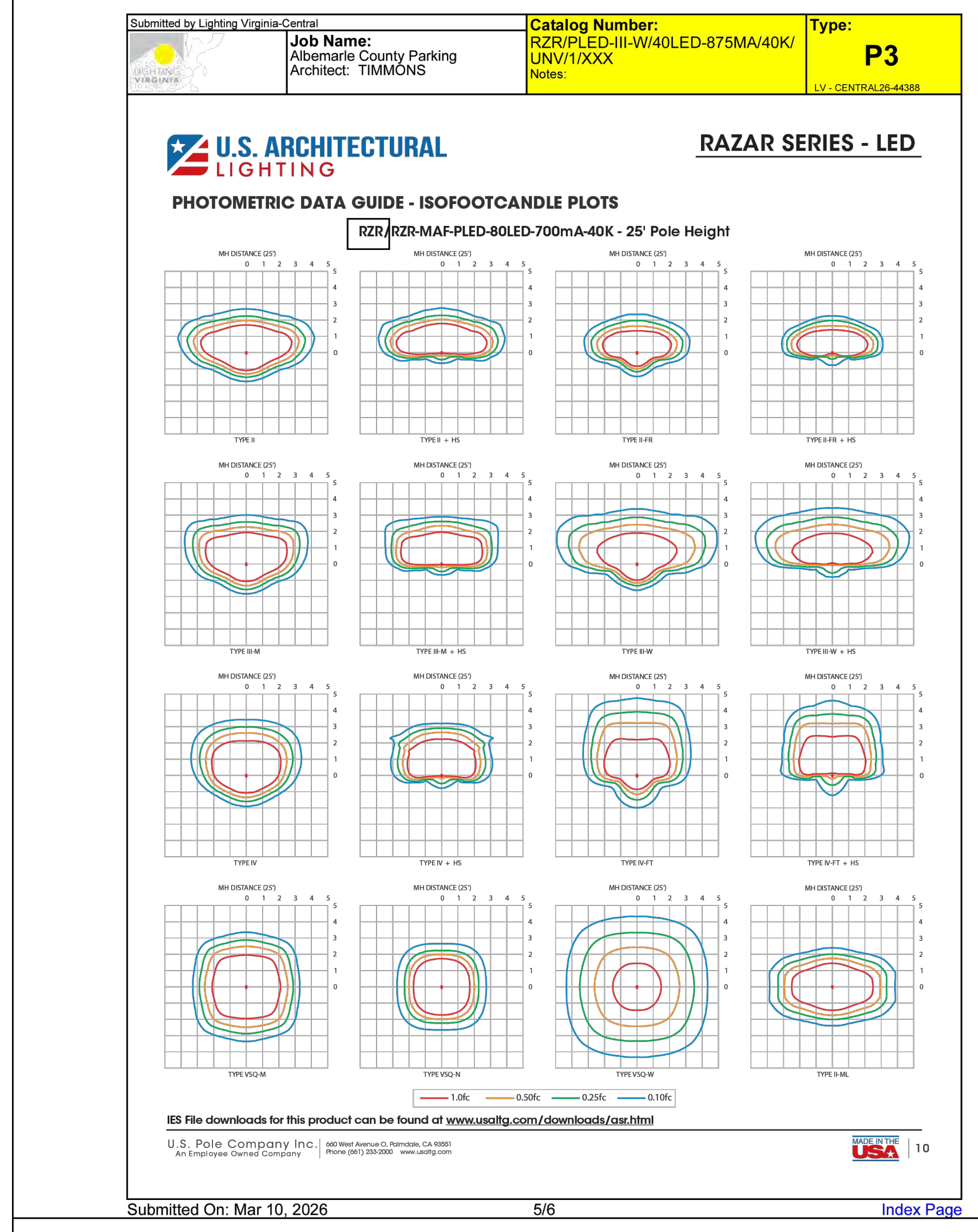
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.5


Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX
Notes:

Type: P3
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

MH DISTANCE (25')
TYPE II
TYPE II + HS
TYPE II-FR
TYPE II-FR + HS
TYPE VSQ-M
TYPE VSQ-N
TYPE VSQ-W
TYPE II-ML
1.0fc
0.50fc
0.25fc
0.10fc

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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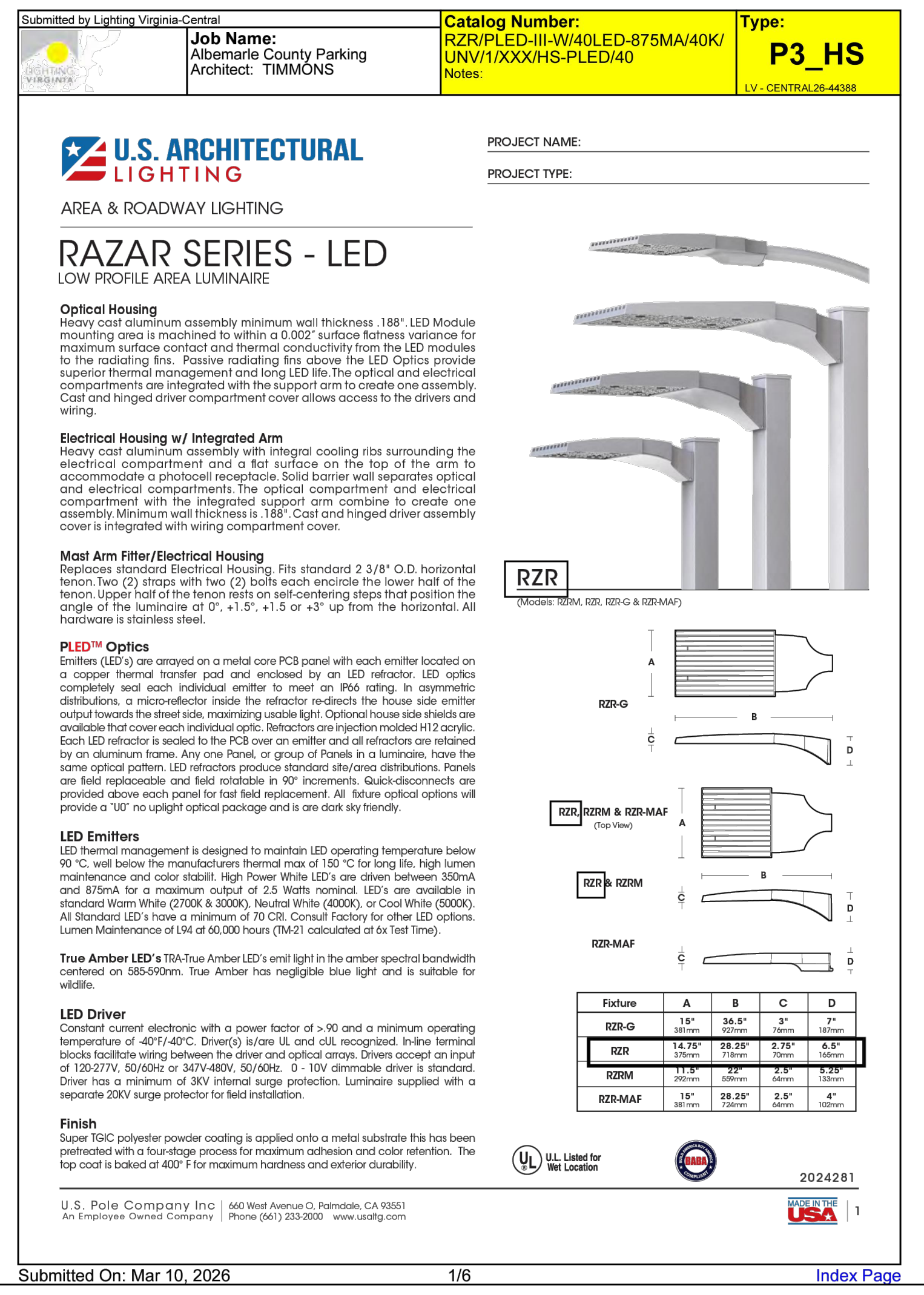
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:

PROJECT TYPE:

AREA & ROADWAY LIGHTING

RAZAR SERIES - LED
LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm
Heavy cast aluminum assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

Fixture	A	B	C	D
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

U.L. Listed for Wet Location

BABA COMPLIANT

2024281

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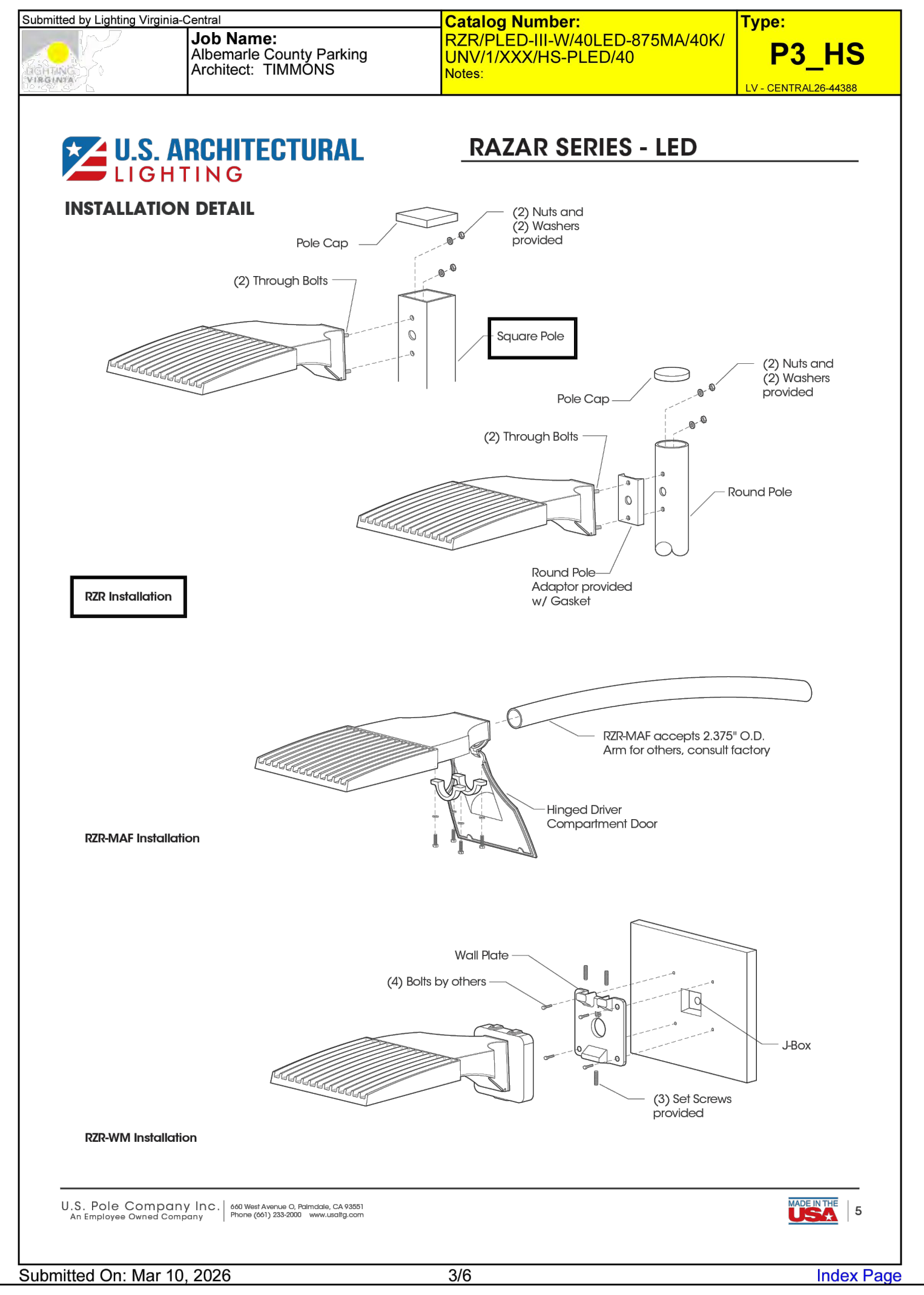
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

INSTALLATION DETAIL

Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Square Pole
Round Pole
RZR Installation
RZR-MAF Installation
Hinged Driver Compartment Door
Wall Plate
(4) Bolts by others
J-Box
(3) Set Screws provided
RZR-WM Installation

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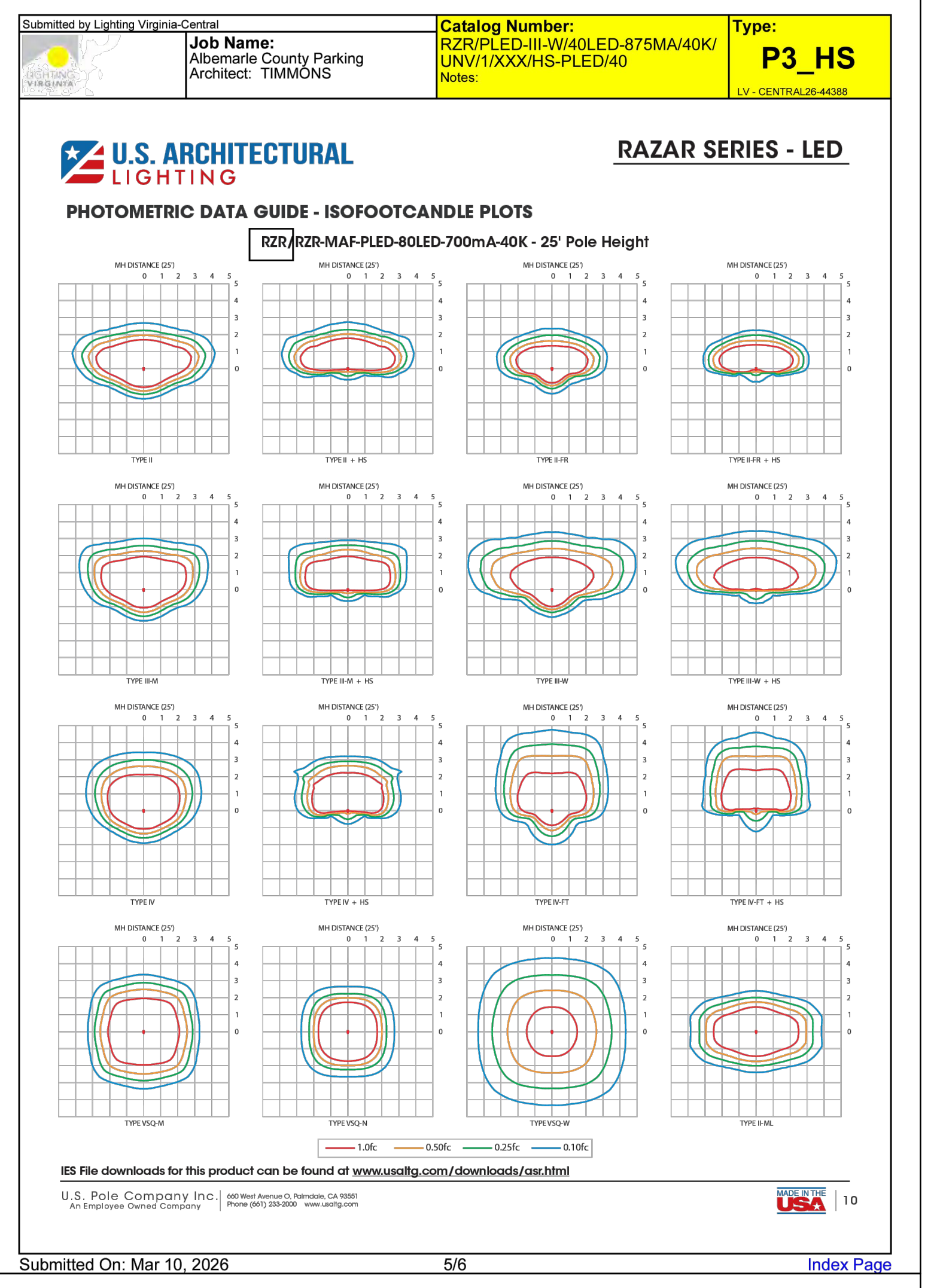
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

MH DISTANCE (25')
TYPE VSQ-M
TYPE VSQ-N
TYPE VSQ-W
TYPE II-ML
1.0fc
0.50fc
0.25fc
0.10fc

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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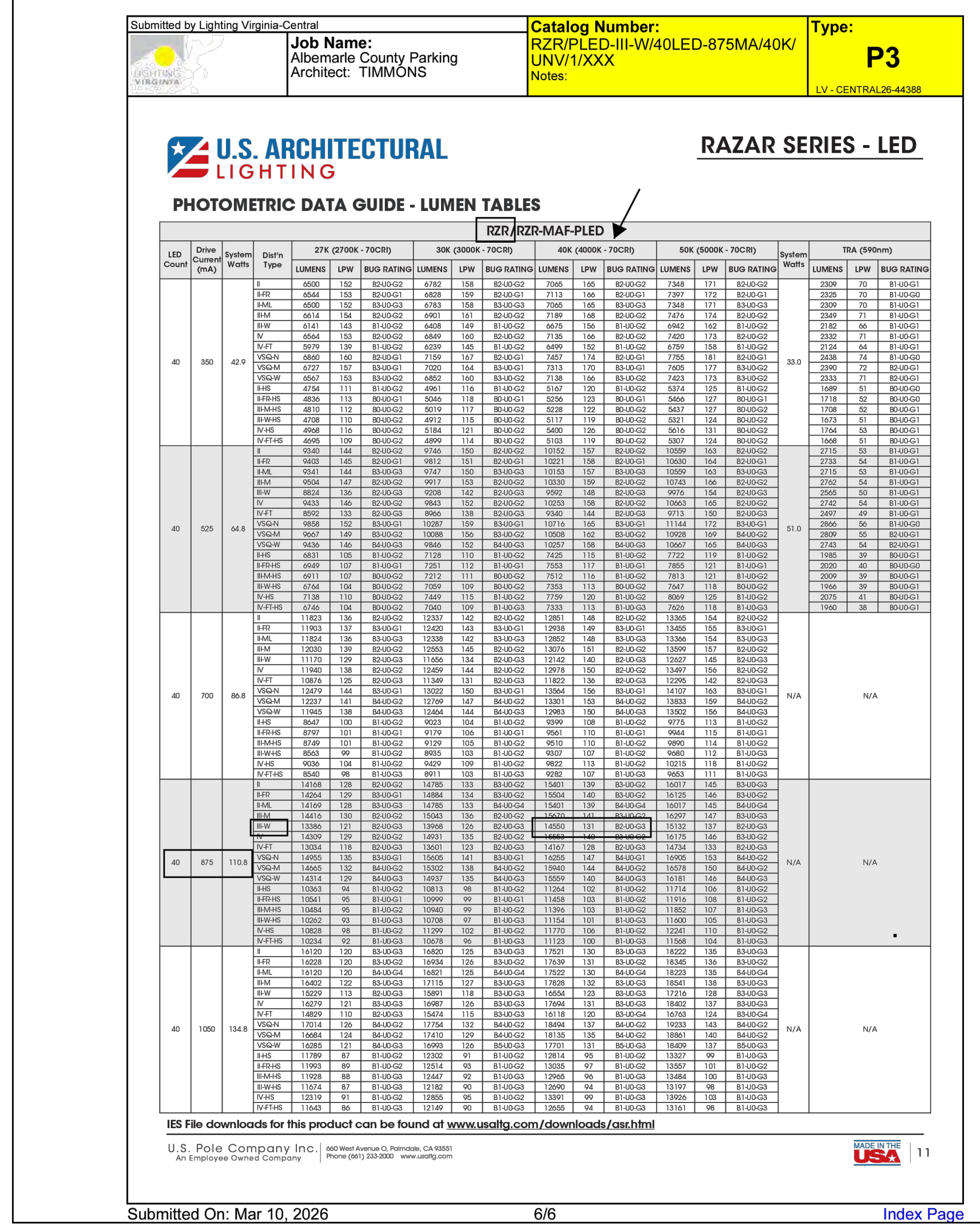
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX
Notes:

Type: P3
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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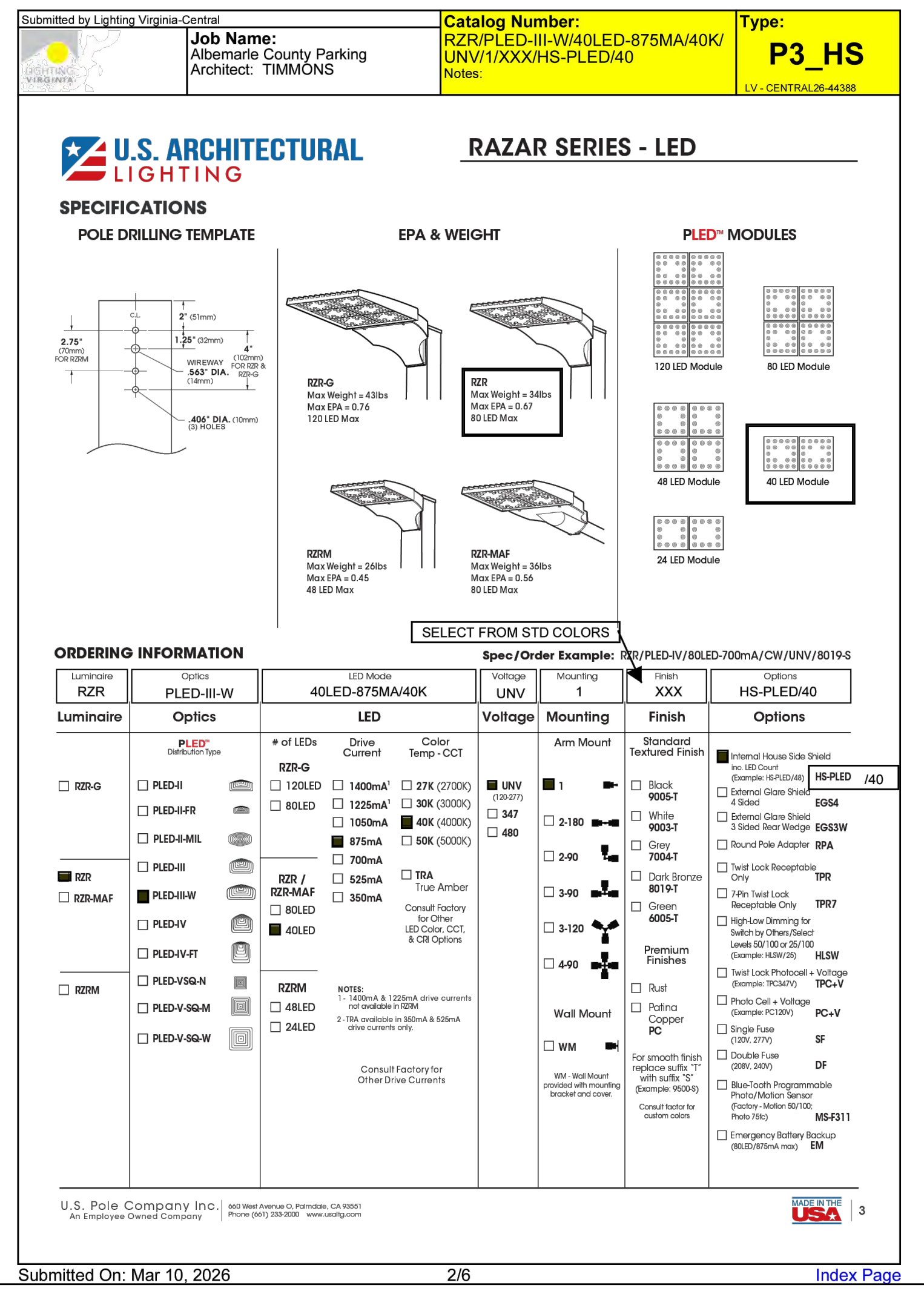
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

SPECIFICATIONS

POLE DRILLING TEMPLATE

EPA & WEIGHT

PLED™ MODULES

C.L.
2" (51mm)
1.25" (32mm)
2.75" (70mm) FOR RZRM
4" (102mm) FOR RZR & RZR-G
WIREWAY .563" DIA. (14mm)
.406" DIA. (10mm) (3) HOLES
120 LED Module
80 LED Module

RZR-G
Max Weight = 43lbs
Max EPA = 0.76
120 LED Max

RZR
Max Weight = 34lbs
Max EPA = 0.67
80 LED Max

SELECT FROM STD COLORS

ORDERING INFORMATION

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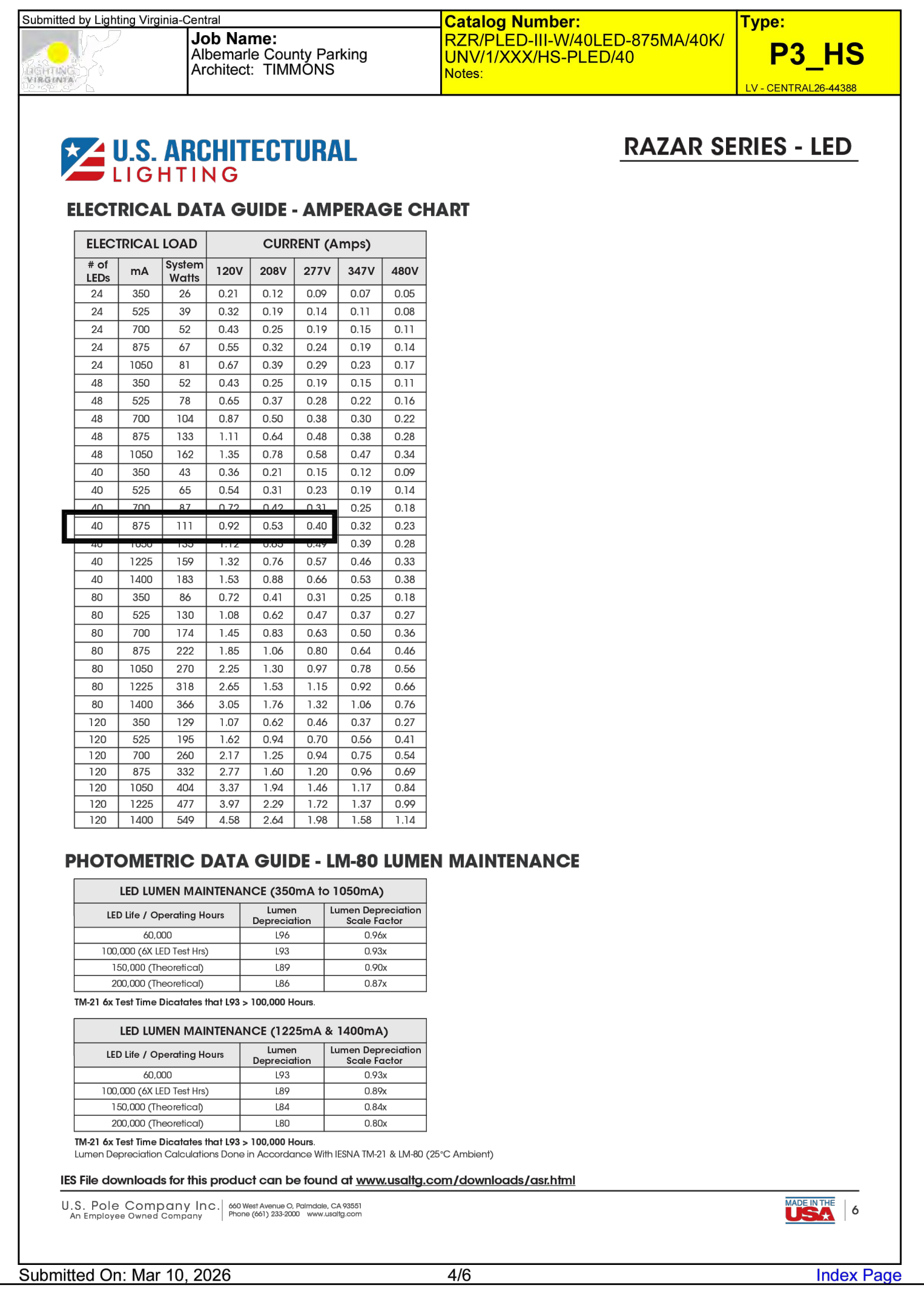
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

LED LUMEN MAINTENANCE (1225mA & 1400mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L93	0.93x
100,000 (6X LED Test Hrs)	L89	0.89x
150,000 (Theoretical)	L84	0.84x
200,000 (Theoretical)	L80	0.80x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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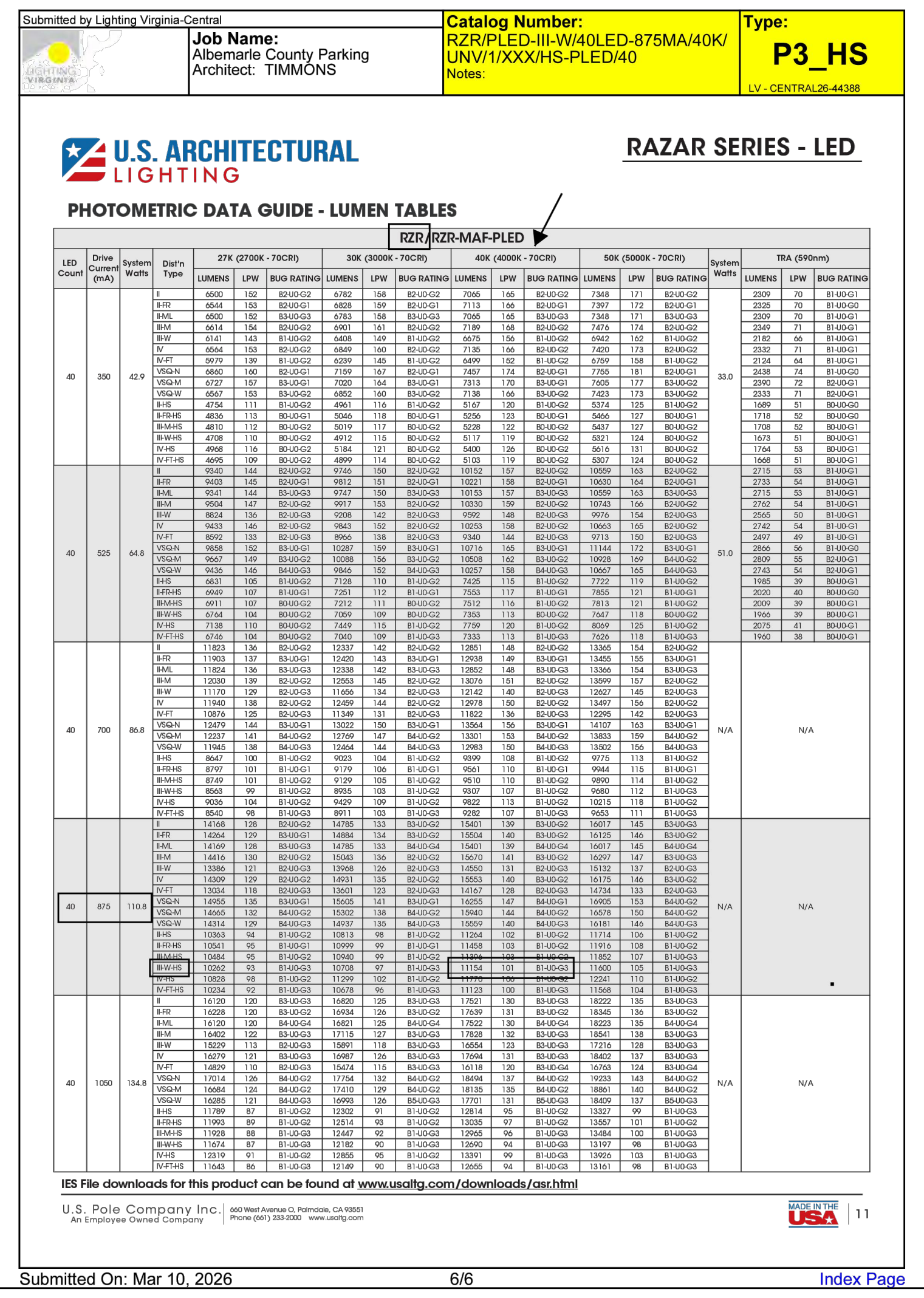
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-III-W/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P3_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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BA HEALTH
Design for LIFE

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Charlottesville, Virginia 22903
P: 434.295.5624

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Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:

FINAL SITE PLAN

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LIGHTING VIRGINIA

REVISIONS:

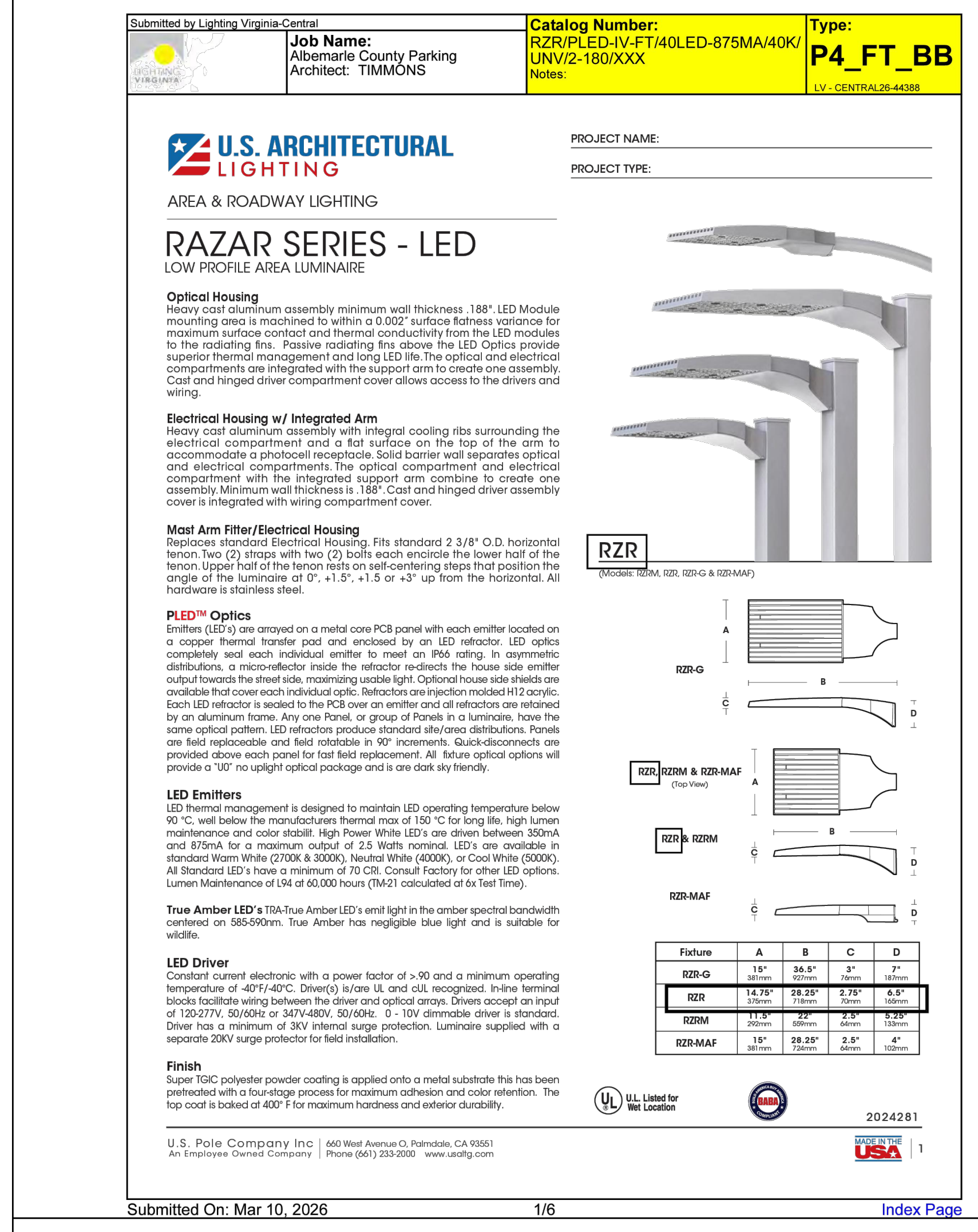
No.:	DESCRIPTION	DATE:

TITLE:

LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.5



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:

PROJECT TYPE:

AREA & ROADWAY LIGHTING

RAZAR SERIES - LED

LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life. The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

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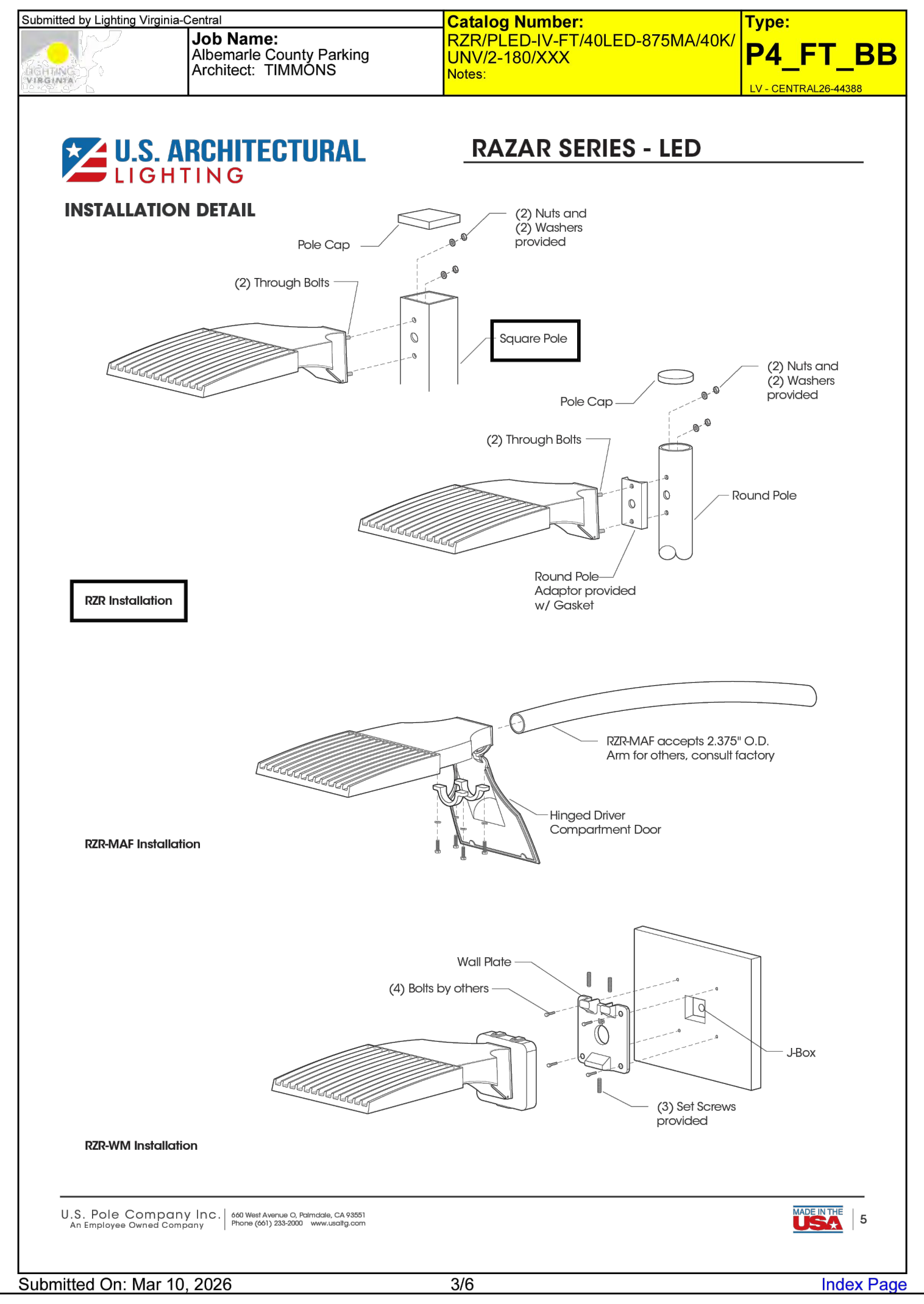

Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

INSTALLATION DETAIL

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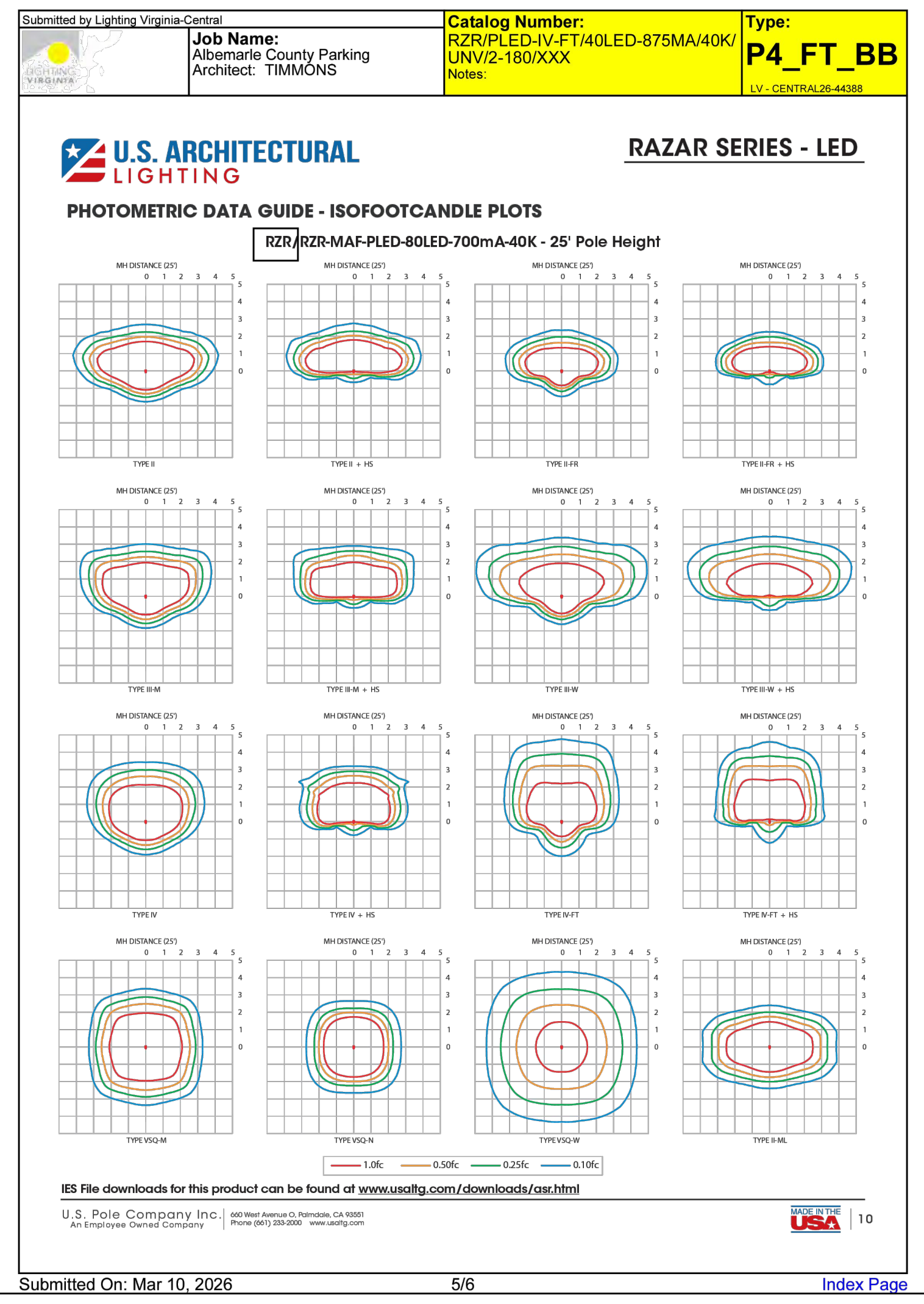

Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

IES File downloads for this product can be found at www.usaltg.com/downloads/ies.html

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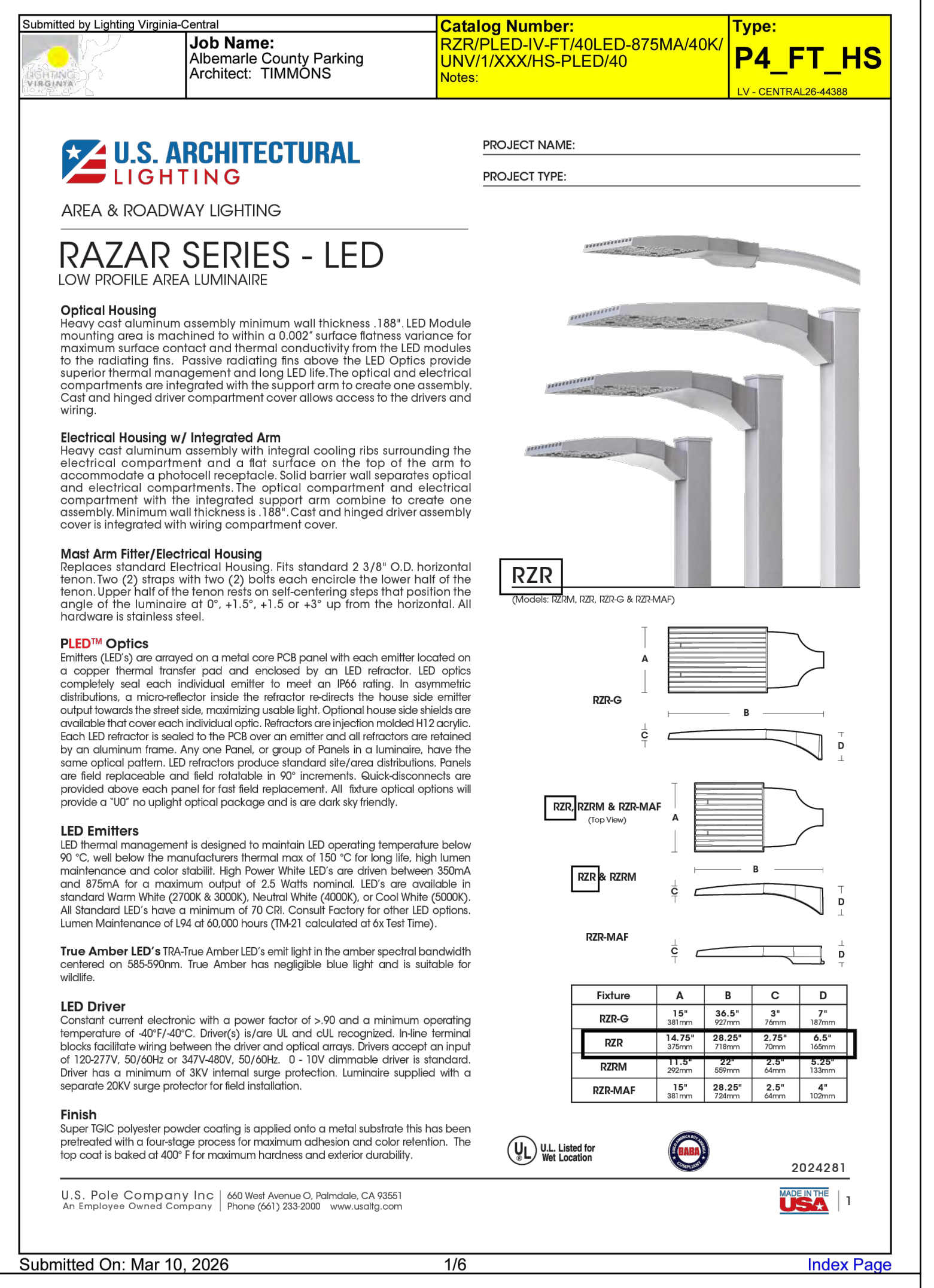

Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type:
P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:

PROJECT TYPE:

AREA & ROADWAY LIGHTING

RAZAR SERIES - LED

LOW PROFILE AREA LUMINAIRE

Optical Housing
Heavy cast aluminum assembly minimum wall thickness .188". LED Module

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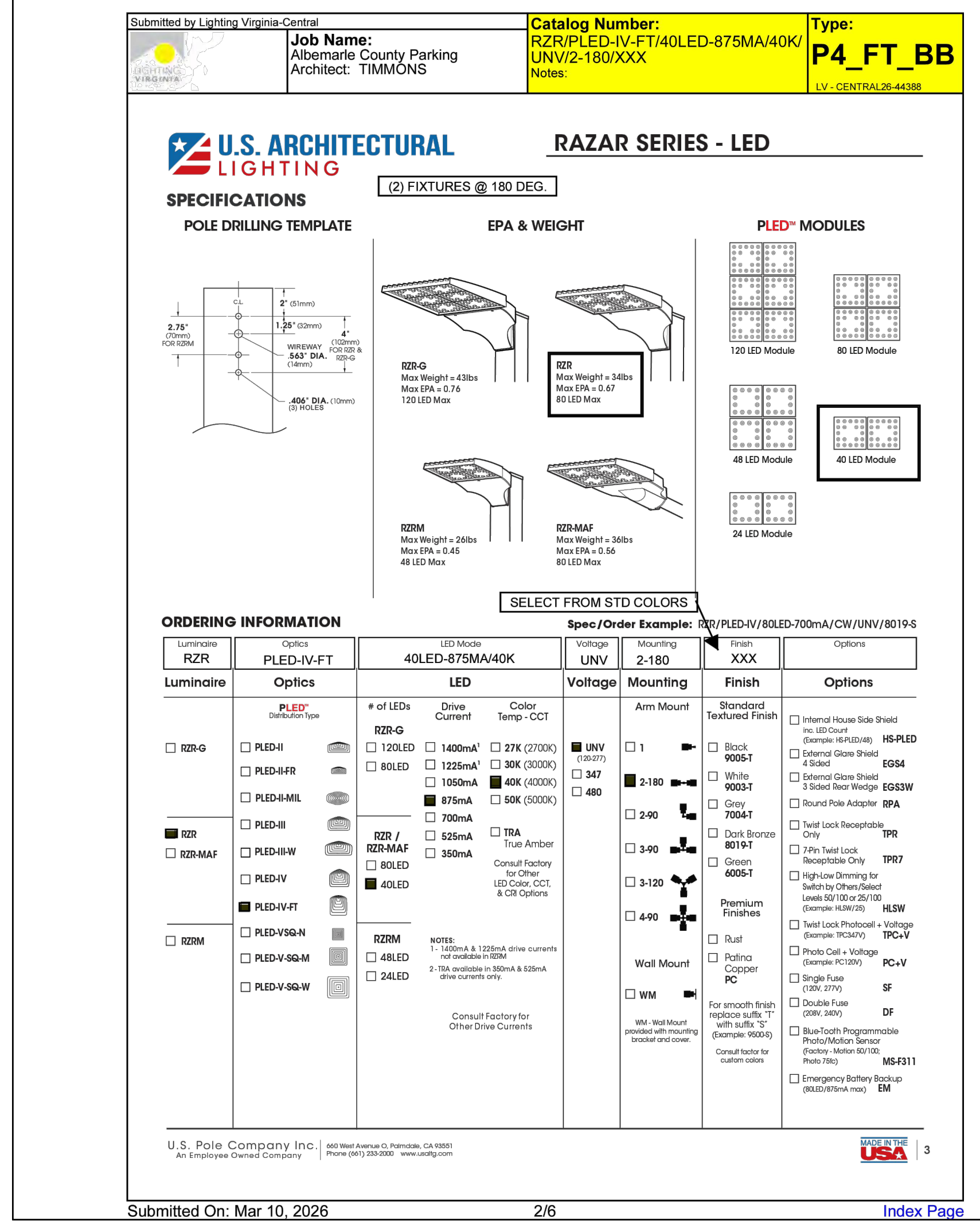


Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

(2) FIXTURES @ 180 DEG.

SPECIFICATIONS

POLE DRILLING TEMPLATE

EPA & WEIGHT

PLED™ MODULES

RZR-G
Max Weight = 43lbs
Max EPA = 0.76
120 LED Max

RZR
Max Weight = 34lbs
Max EPA = 0.67
80 LED Max

120 LED Module

80 LED Module

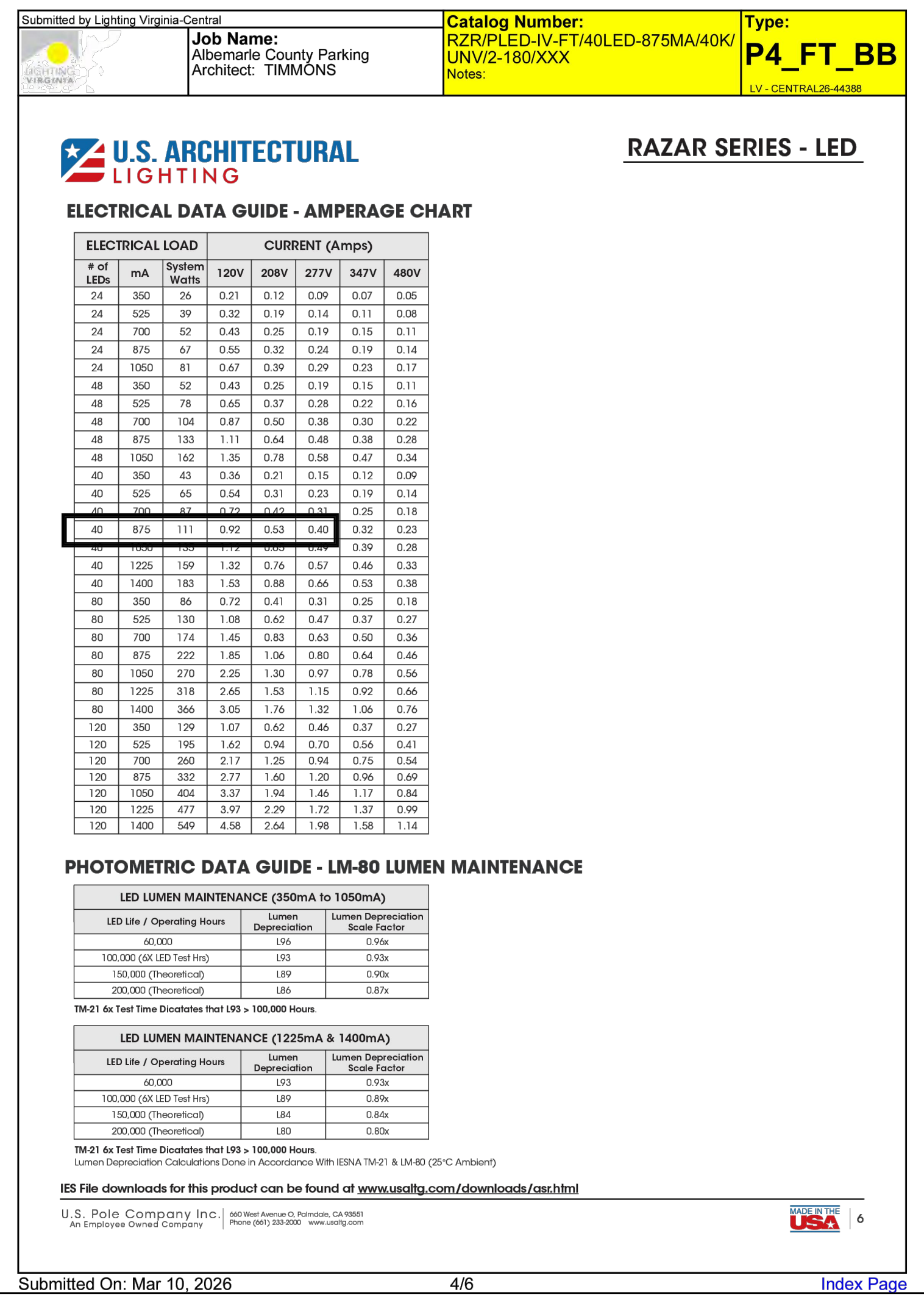
48 LED Module

40 LED Module

SELECT FROM STD COLORS

ORDERING INFORMATION

Submitted On: Mar 10, 2026 2/6 Index Page



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

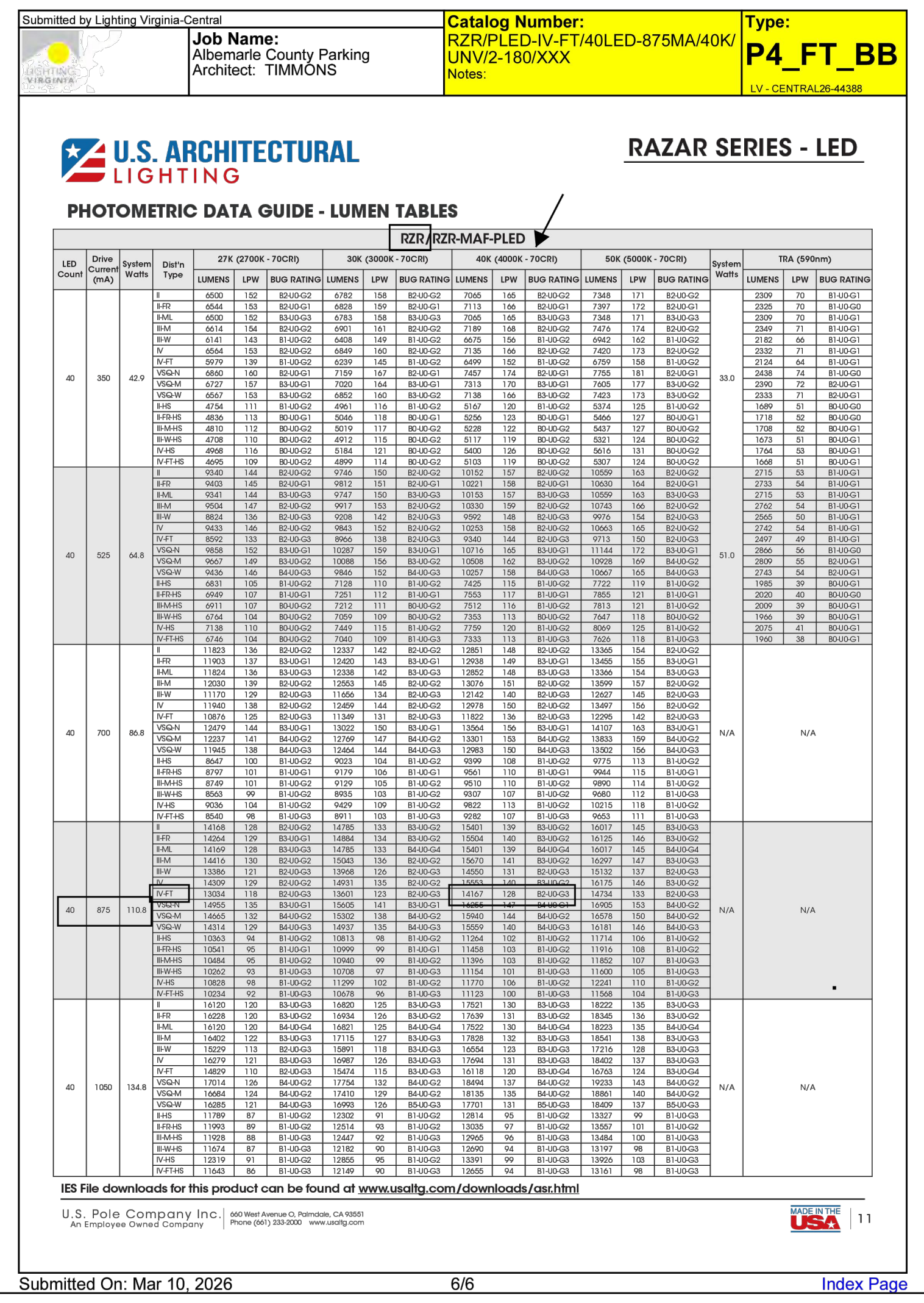
RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

Submitted On: Mar 10, 2026 4/6 Index Page



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/2-180/XXX
Notes:

Type:
P4_FT_BB
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

IES File downloads for this product can be found at www.usaltg.com/downloads/ies.html

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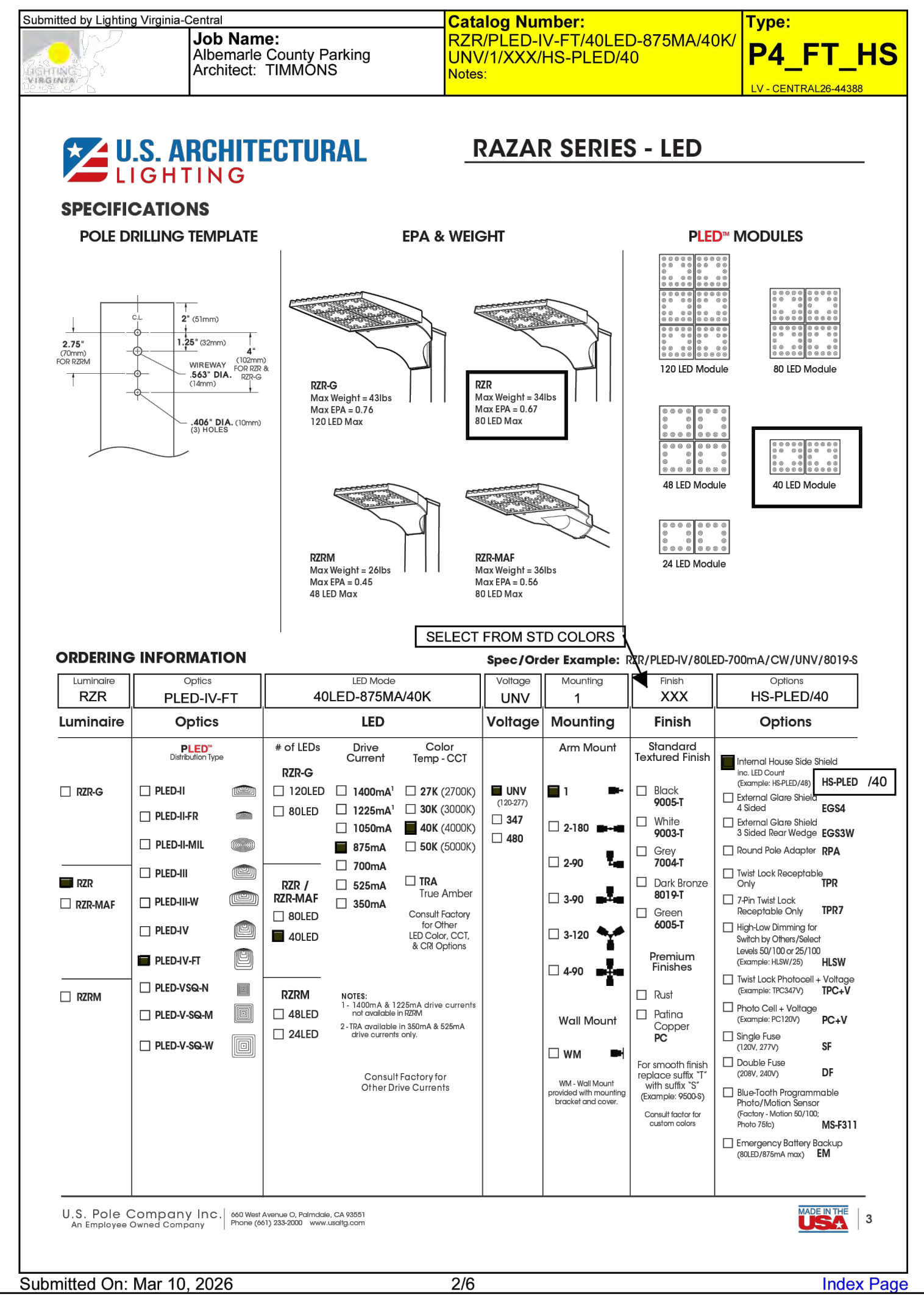


Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
RZR/PLED-IV-FT/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type:
P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

SPECIFICATIONS

POLE DRILLING TEMPLATE

EPA & WEIGHT

PLED™ MODULES

SELECT FROM STD COLORS

ORDERING INFORMATION

Submitted On: Mar 10, 2026 2/6 Index Page

Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
PACE COLLABORATIVE
1277 Perimeter Pkwy
Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

SEAL:
NOT FOR CONSTRUCTION

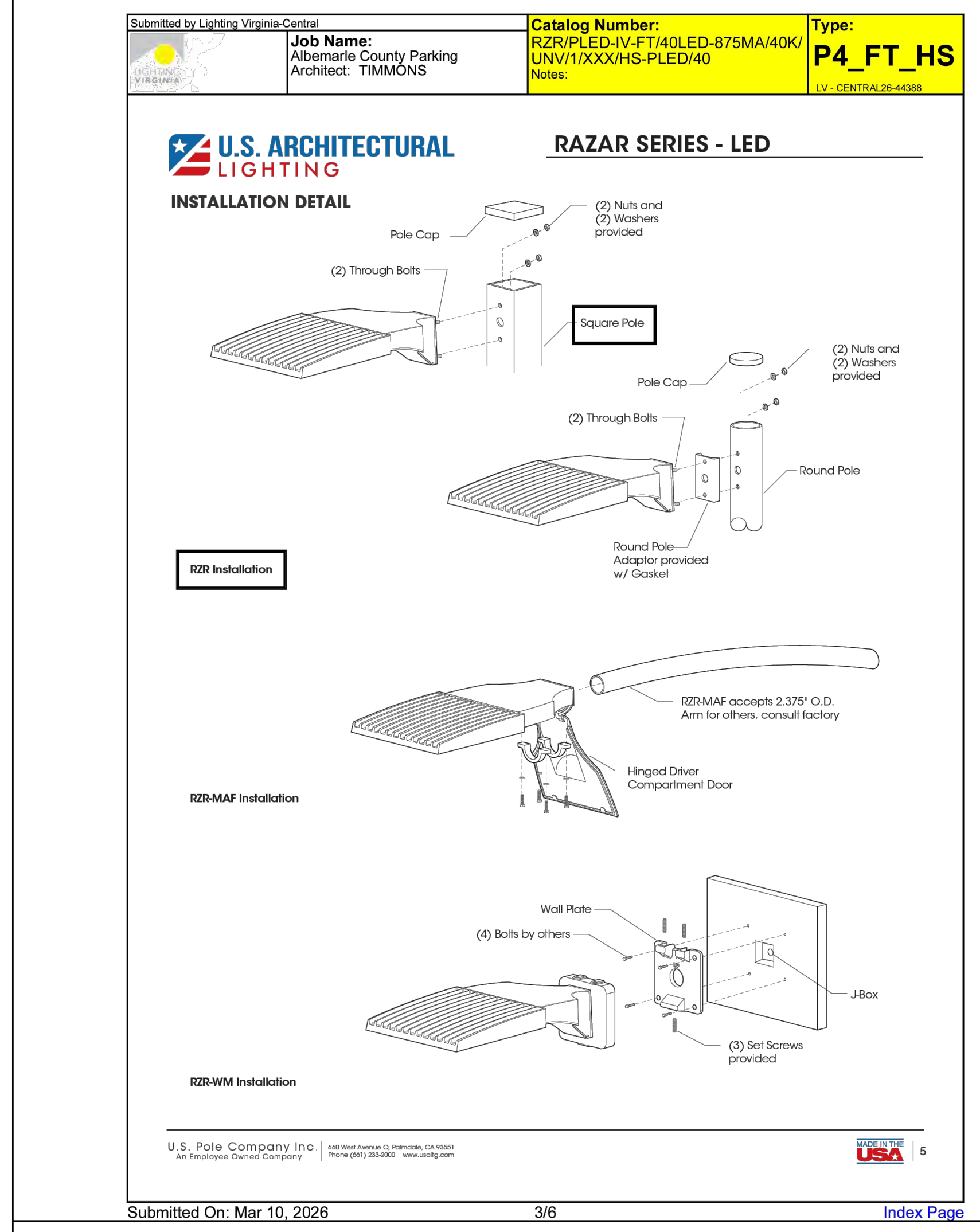
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.5


Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-IV-FT/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

INSTALLATION DETAIL

Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Square Pole
Pole Cap
(2) Nuts and (2) Washers provided
(2) Through Bolts
Round Pole
Round Pole Adaptor provided w/ Gasket
RZR Installation
RZR-MAF accepts 2.375" O.D. Arm for others, consult factory
Hinged Driver Compartment Door
RZR-MAF Installation
Wall Plate
(4) Bolts by others
J-Box
(3) Set Screws provided
RZR-WM Installation

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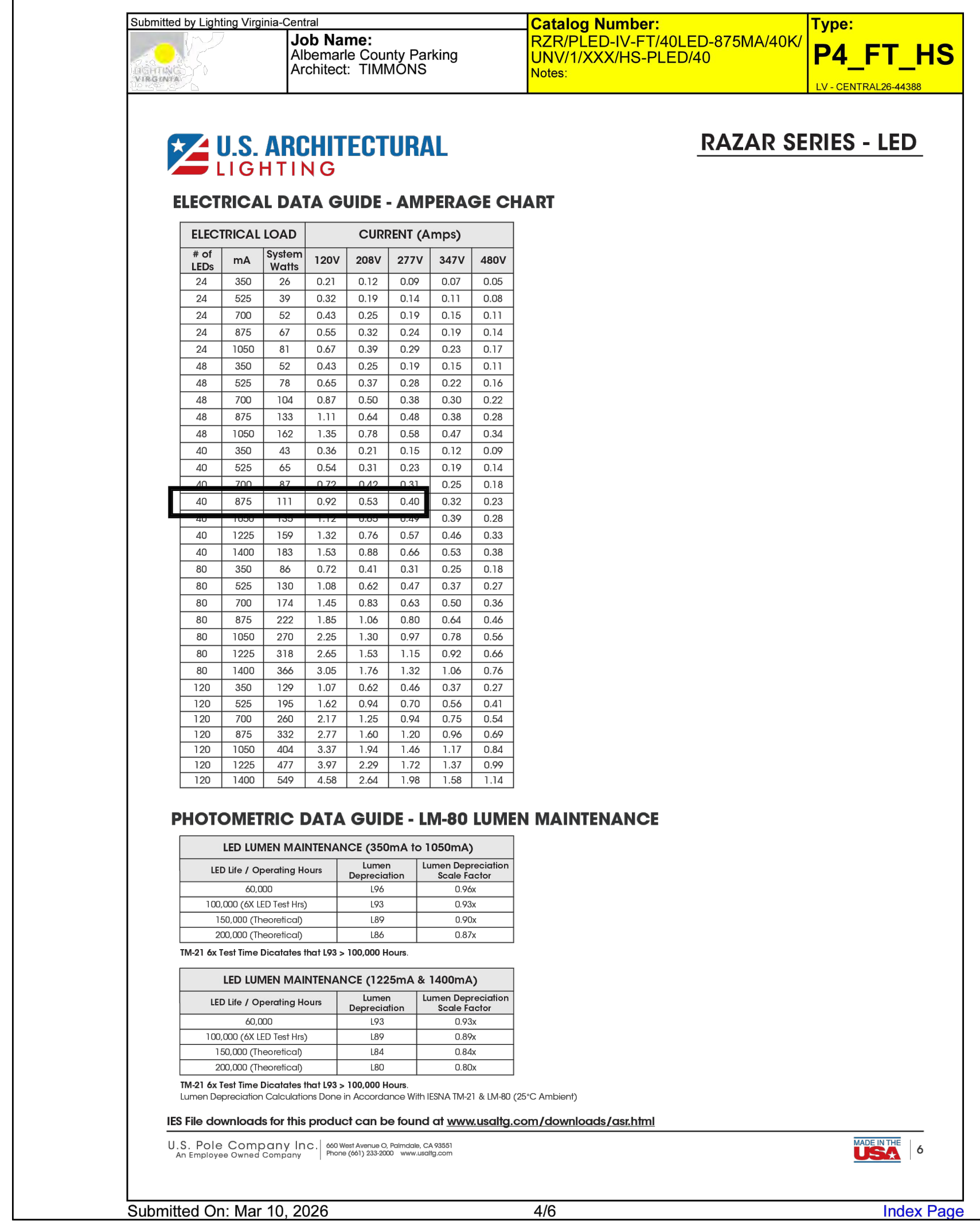
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Architect: TIMMONS

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Notes:

Type: P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (Amps)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

LED LUMEN MAINTENANCE (1225mA & 1400mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L93	0.93x
100,000 (6X LED Test Hrs)	L89	0.89x
150,000 (Theoretical)	L84	0.84x
200,000 (Theoretical)	L80	0.80x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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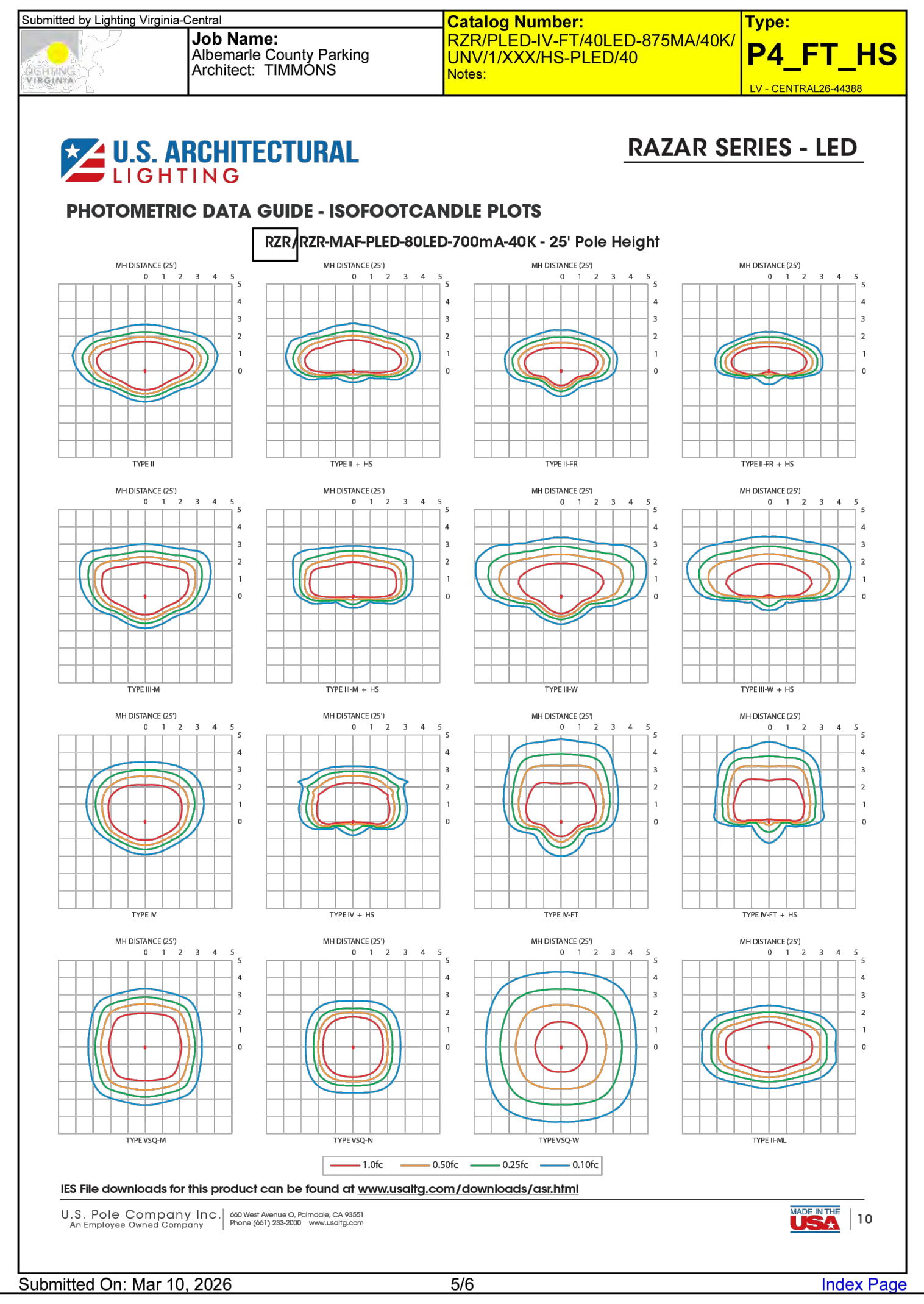
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-IV-FT/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS

RZR/RZR-MAF-PLED-80LED-700mA-40K - 25' Pole Height

MH DISTANCE (25')
TYPE II
TYPE II + HS
TYPE II-FR
TYPE II-FR + HS
TYPE VSQ-M
TYPE VSQ-N
TYPE VSQ-W
TYPE II-ML
1.0fc
0.50fc
0.25fc
0.10fc

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

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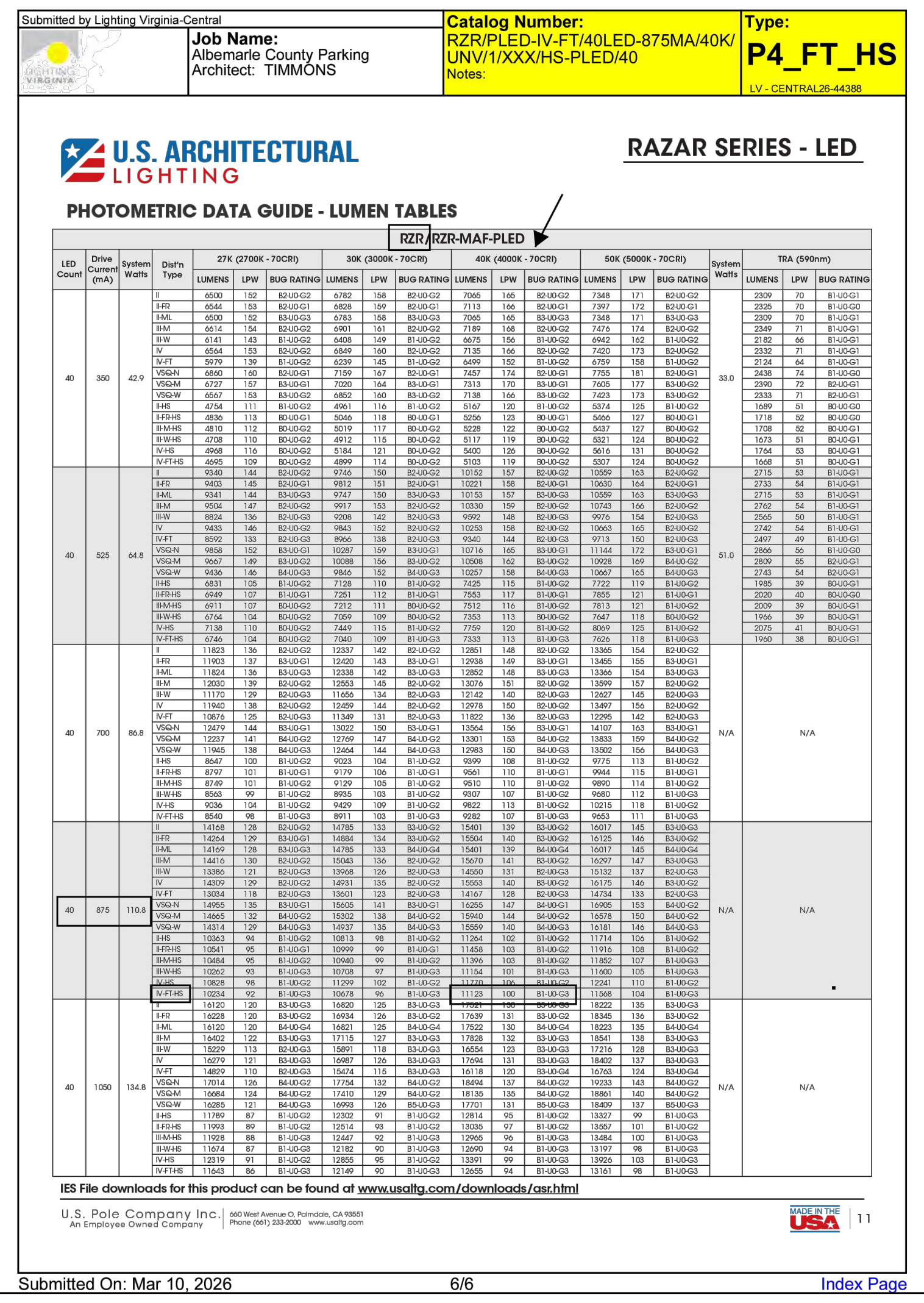
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: RZR/PLED-IV-FT/40LED-875MA/40K/UNV/1/XXX/HS-PLED/40
Notes:

Type: P4_FT_HS
LV - CENTRAL26-44388

U.S. ARCHITECTURAL LIGHTING

RAZAR SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR/RZR-MAF-PLED

LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI) LUMENS	LPW	BUG RATING	30K (3000K - 70CRI) LUMENS	LPW	BUG RATING	40K (4000K - 70CRI) LUMENS	LPW	BUG RATING	50K (5000K - 70CRI) LUMENS	LPW	BUG RATING	System Watts	TRA (590nm) LUMENS	LPW	BUG RATING
40	350	42.9	II	6500	152	B2-U0-G2	6782	158	B2-U0-G2	7065	165	B2-U0-G2	7348	171	B2-U0-G2	33.0	2309	70	B1-U0-G1
			II-FR	6544	153	B2-U0-G1	6828	159	B2-U0-G1	7113	166	B2-U0-G1	7397	172	B2-U0-G1		2325	70	B1-U0-G0
			II-ML	6500	152	B3-U0-G3	6783	158	B3-U0-G3	7065	165	B3-U0-G3	7348	171	B3-U0-G3		2309	70	B1-U0-G1
			III-M	6614	154	B2-U0-G2	6901	161	B2-U0-G2	7189	168	B2-U0-G2	7476	174	B2-U0-G2		2349	71	B1-U0-G1
			III-W	6141	143	B1-U0-G2	6408	149	B1-U0-G2	6675	156	B1-U0-G2	6942	162	B1-U0-G2		2182	66	B1-U0-G1
			IV	6564	153	B2-U0-G2	6849	160	B2-U0-G2	7135	166	B2-U0-G2	7420	173	B2-U0-G2		2332	71	B1-U0-G1
			IV-FT	5979	139	B1-U0-G2	6239	145	B1-U0-G2	6499	152	B1-U0-G2	6759	158	B1-U0-G2		2124	64	B1-U0-G1
			VSQ-N	6860	160	B2-U0-G1	7159	167	B2-U0-G1	7457	174	B2-U0-G1	7755	181	B2-U0-G1		2438	74	B1-U0-G0
			VSQ-M	6727	157	B3-U0-G1	7020	164	B3-U0-G1	7313	170	B3-U0-G1	7605	177	B3-U0-G2		2390	72	B2-U0-G1
			VSQ-W	6567	153	B3-U0-G2	6852	160	B3-U0-G2	7138	166	B3-U0-G2	7423	173	B3-U0-G2		2333	71	B2-U0-G1
			II-HS	4754	111	B1-U0-G2	4961	116	B1-U0-G2	5167	120	B1-U0-G2	5374	125	B1-U0-G2		1689	51	B0-U0-G0
			II-FR-HS	4836	113	B0-U0-G1	5046	118	B0-U0-G1	5256	123	B0-U0-G1	5466	127	B0-U0-G1		1718	52	B0-U0-G0
			III-M-HS	4810	112	B0-U0-G2	5019	117	B0-U0-G2	5228	122	B0-U0-G2	5437	127	B0-U0-G2		1708	52	B0-U0-G1
			III-W-HS	4708	110	B0-U0-G2	4912	115	B0-U0-G2	5117	119	B0-U0-G2	5321	124	B0-U0-G2		1673	51	B0-U0-G1
			IV-HS	4968	116	B0-U0-G2	5184	121	B0-U0-G2	5400	126	B0-U0-G2	5616	131	B0-U0-G2		1764	53	B0-U0-G1
			IV-FT-HS	4695	109	B0-U0-G2	4899	114	B0-U0-G2	5103	119	B0-U0-G2	5307	124	B0-U0-G2		1668	51	B0-U0-G1

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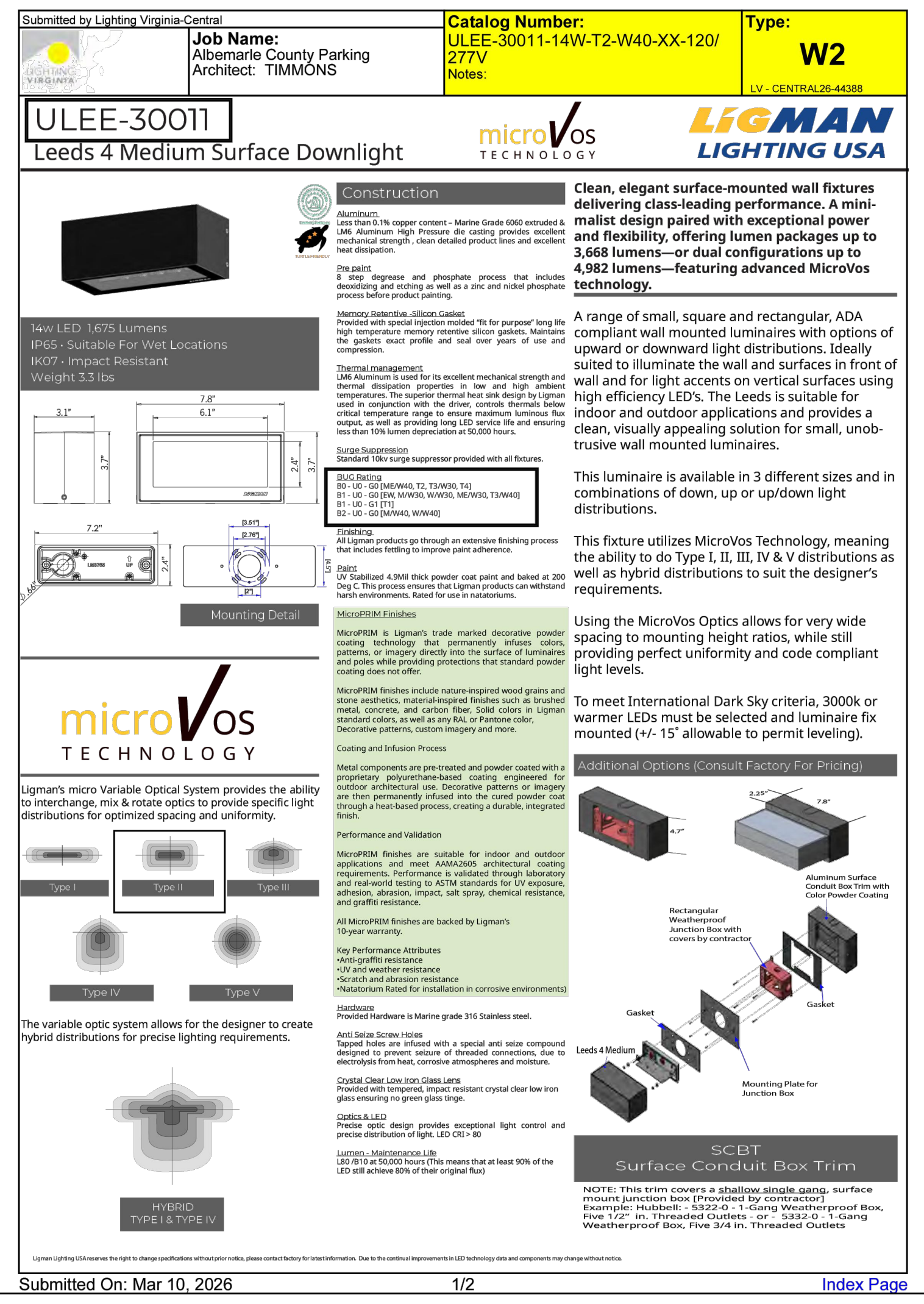
Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: ULEE-30011-14W-T2-W40-XX-120/277V
Notes:

Type: W2
LV - CENTRAL26-44388

ULEE-30011

Leeds 4 Medium Surface Downlight

microVos TECHNOLOGY
LIGMAN LIGHTING USA

14w LED 1,675 Lumens
IP65 · Suitable For Wet Locations
IK07 · Impact Resistant
Weight 3.3 lbs

7.8"
6.1"
3.1"
3.7"
2.4"
3.7"
7.2"
2.4"
.66"
[3.51"]
[2.76"]
[2"]
[4.5"]
Mounting Detail
Type I
Type II
Type III
Type IV
Type V
HYBRID TYPE I & TYPE IV

microVos TECHNOLOGY

Ligman's micro Variable Optical System provides the ability to interchange, mix & rotate optics to provide specific light distributions for optimized spacing and uniformity.

The variable optic system allows for the designer to create hybrid distributions for precise lighting requirements.

Construction

Aluminum
Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength , clean detailed product lines and excellent heat dissipation.

Pre paint
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

Memory Retentive -Silicon Gasket
Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

Thermal management
LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

Surge Suppression
Standard 10kv surge suppressor provided with all fixtures.

BUG Rating
B0 - U0 - G0 [ME/W40, T2, T3/W30, T4]
B1 - U0 - G0 [EW, M/W30, W/W30, ME/W30, T3/W40]
B1 - U0 - G1 [T1]
B2 - U0 - G0 [M/W40, W/W40]

Finishing
All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

Paint
UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

MicroPRIM Finishes

MicroPRIM is Ligman's trade marked decorative powder coating technology that permanently infuses colors, patterns, or imagery directly into the surface of luminaires and poles while providing protections that standard powder coating does not offer.

MicroPRIM finishes include nature-inspired wood grains and stone aesthetics, material-inspired finishes such as brushed metal, concrete, and carbon fiber, Solid colors in Ligman standard colors, as well as any RAL or Pantone color, Decorative patterns, custom imagery and more.

Coating and Infusion Process

Metal components are pre-treated and powder coated with a proprietary polyurethane-based coating engineered for outdoor architectural use. Decorative patterns or imagery are then permanently infused into the cured powder coat through a heat-based process, creating a durable, integrated finish.

Performance and Validation

MicroPRIM finishes are suitable for indoor and outdoor applications and meet AAMA2605 architectural coating requirements. Performance is validated through laboratory and real-world testing to ASTM standards for UV exposure, adhesion, abrasion, impact, salt spray, chemical resistance, and graffiti resistance.

All MicroPRIM finishes are backed by Ligman's 10-year warranty.

Key Performance Attributes
- Anti-graffiti resistance
- UV and weather resistance
- Scratch and abrasion resistance
- Natatorium Rated for installation in corrosive environments)

Hardware
Provided Hardware is Marine grade 316 Stainless steel.

Anti Seize Screw Holes
Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

Crystal Clear Low Iron Glass Lens
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED
Precise optic design provides exceptional light control and precise distribution of light. LED CRI > 80

Lumen - Maintenance Life
L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

Clean, elegant surface-mounted wall fixtures delivering class-leading performance. A minimalist design paired with exceptional power and flexibility, offering lumen packages up to 3,668 lumens—or dual configurations up to 4,982 lumens—featuring advanced MicroVos technology.

A range of small, square and rectangular, ADA compliant wall mounted luminaires with options of upward or downward light distributions. Ideally suited to illuminate the wall and surfaces in front of wall and for light accents on vertical surfaces using high efficiency LED's. The Leeds is suitable for indoor and outdoor applications and provides a clean, visually appealing solution for small, unobtrusive wall mounted luminaires.

This luminaire is available in 3 different sizes and in combinations of down, up or up/down light distributions.

This fixture utilizes MicroVos Technology, meaning the ability to do Type I, II, III, IV & V distributions as well as hybrid distributions to suit the designer's requirements.

Using the MicroVos Optics allows for very wide spacing to mounting height ratios, while still providing perfect uniformity and code compliant light levels.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected and luminaire fix mounted (+/- 15° allowable to permit leveling).

Additional Options (Consult Factory For Pricing)

4.7"
2.25"
7.8"
Aluminum Surface Conduit Box Trim with Color Powder Coating
Rectangular Weatherproof Junction Box with covers by contractor
Gasket
Gasket
Leeds 4 Medium
Mounting Plate for Junction Box

SCBT
Surface Conduit Box Trim

NOTE: This trim covers a shallow single gang, surface mount junction box [Provided by contractor]
Example: Hubbell: - 5322-0 - 1-Gang Weatherproof Box, Five 1/2" in. Threaded Outlets - or - 5332-0 - 1-Gang Weatherproof Box, Five 3/4 in. Threaded Outlets

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.

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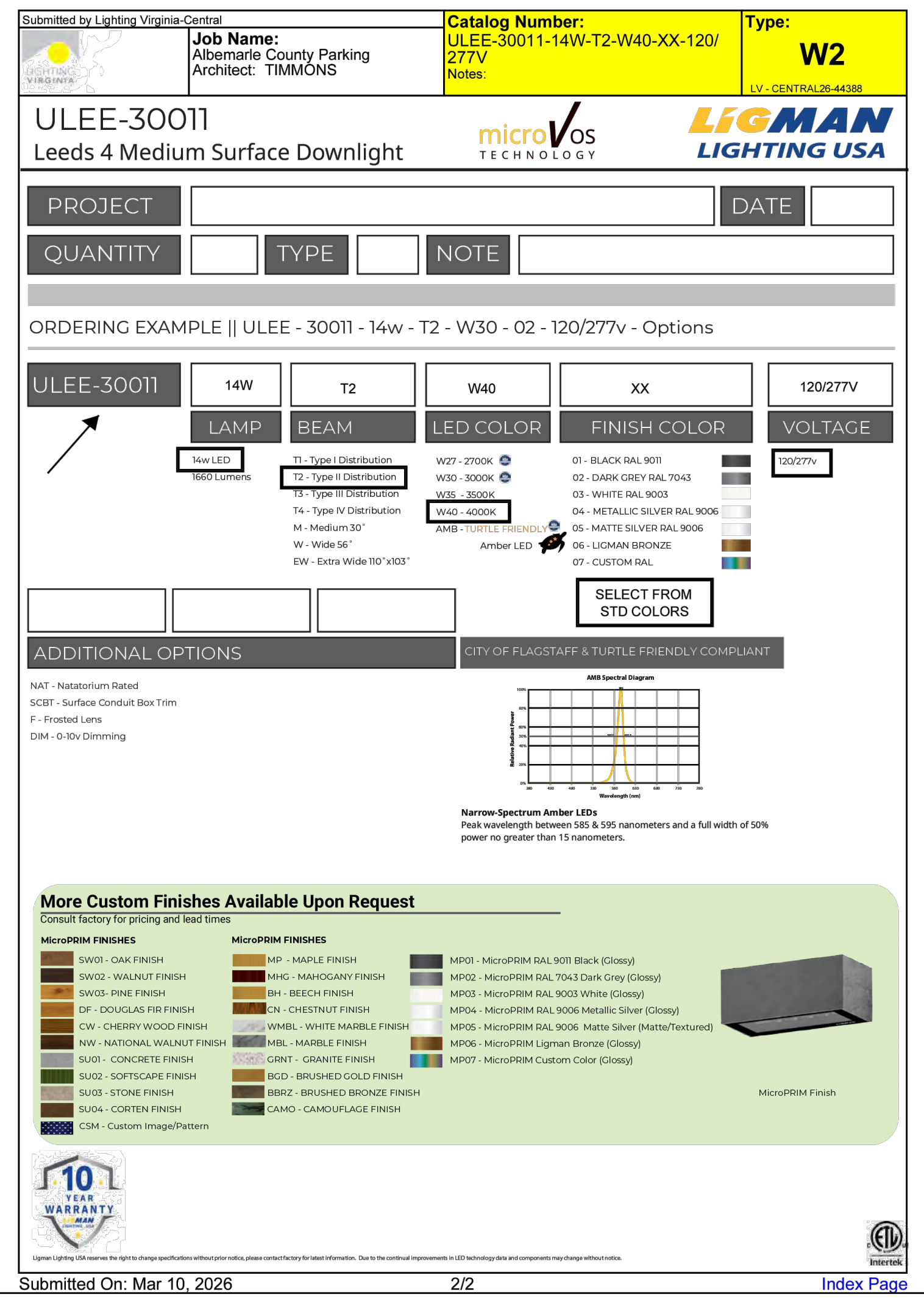

Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: ULEE-30011-14W-T2-W40-XX-120/277V
Notes:

Type: W2
LV - CENTRAL26-44388

ULEE-30011

Leeds 4 Medium Surface Downlight

microVos TECHNOLOGY
LIGMAN LIGHTING USA

PROJECT		DATE	

QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || ULEE - 30011 - 14w - T2 - W30 - 02 - 120/277v - Options

ULEE-30011	14W	T2	W40	XX	120/277V
	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	14w LED 1660 Lumens	T1 - Type I Distribution T2 - Type II Distribution T3 - Type III Distribution T4 - Type IV Distribution M - Medium 30° W - Wide 56° EW - Extra Wide 110°x103°	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K AMB - TURTLE FRIENDLY Amber LED	01 - BLACK RAL 9011 02 - DARK GREY RAL 7043 03 - WHITE RAL 9003 04 - METALLIC SILVER RAL 9006 05 - MATTE SILVER RAL 9006 06 - LIGMAN BRONZE 07 - CUSTOM RAL SELECT FROM STD COLORS	120/277v

ADDITIONAL OPTIONS
NAT - Natatorium Rated
SCBT - Surface Conduit Box Trim
F - Frosted Lens
DIM - 0-10v Dimming

CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT

Narrow-Spectrum Amber LEDs
Peak wavelength between 585 & 595 nanometers and a full width of 50% power no greater than 15 nanometers.

More Custom Finishes Available Upon Request
Consult factory for pricing and lead times

MicroPRIM FINISHES	MicroPRIM FINISHES	
SW01 - OAK FINISH	MP - MAPLE FINISH	MP01 - MicroPRIM RAL 9011 Black (Glossy)
SW02 - WALNUT FINISH	MHG - MAHOGANY FINISH	MP02 - MicroPRIM RAL 7043 Dark Grey (Glossy)
SW03- PINE FINISH	BH - BEECH FINISH	MP03 - MicroPRIM RAL 9003 White (Glossy)
DF - DOUGLAS FIR FINISH	CN - CHESTNUT FINISH	MP04 - MicroPRIM RAL 9006 Metallic Silver (Glossy)
CW - CHERRY WOOD FINISH	WMBL - WHITE MARBLE FINISH	MP05 - MicroPRIM RAL 9006 Matte Silver (Matte/Textured)
NW - NATIONAL WALNUT FINISH	MBL - MARBLE FINISH	MP06 - MicroPRIM Ligman Bronze (Glossy)
SU01 - CONCRETE FINISH	GRNT - GRANITE FINISH	MP07 - MicroPRIM Custom Color (Glossy)
SU02 - SOFTSCAPE FINISH	BGD - BRUSHED GOLD FINISH	
SU03 - STONE FINISH	BBRZ - BRUSHED BRONZE FINISH	
SU04 - CORTEN FINISH	CAMO - CAMOUFLAGE FINISH	
CSM - Custom Image/Pattern		

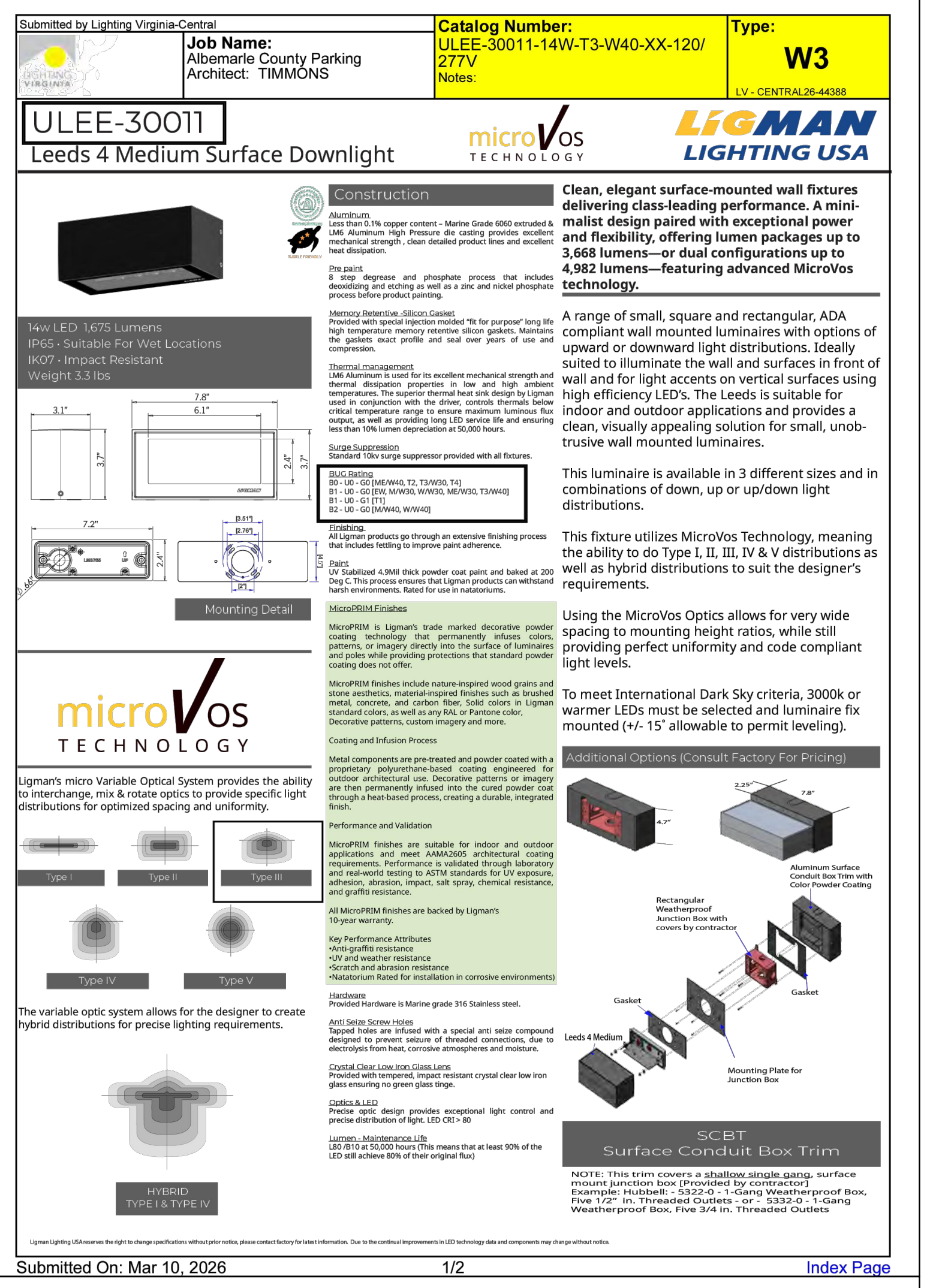
MicroPRIM Finish

10 YEAR WARRANTY

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.

Intertek

Submitted On: Mar 10, 2026 2/2 Index Page


Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: ULEE-30011-14W-T3-W40-XX-120/277V
Notes:

Type: W3
LV - CENTRAL26-44388

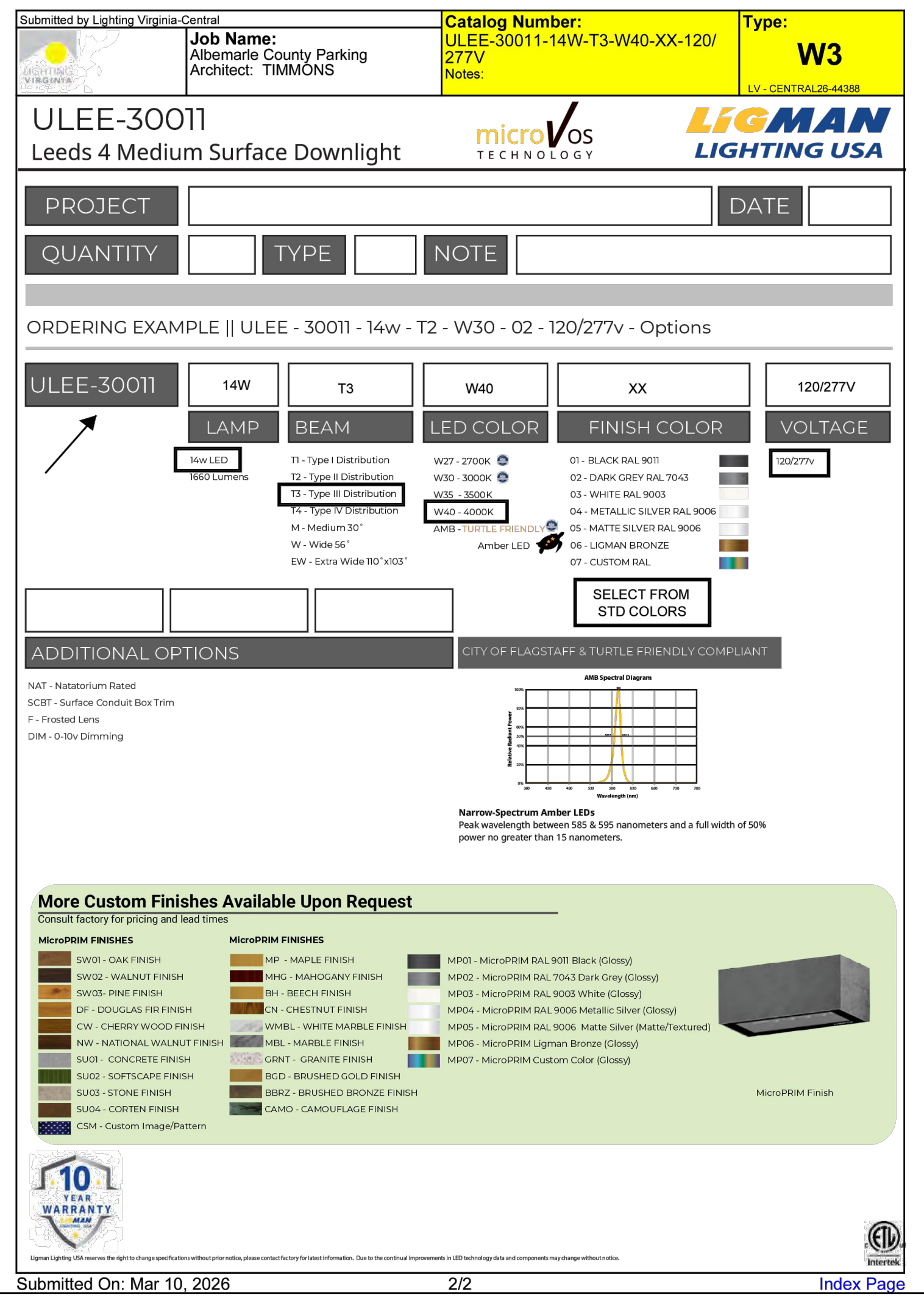
ULEE-30011
Leeds 4 Medium Surface Downlight

14w LED 1,675 Lumens
IP65 · Suitable For Wet Locations
IK07 · Impact Resistant
Weight 3.3 lbs

Clean, elegant surface-mounted wall fixtures delivering class-leading performance. A minimalist design paired with exceptional power and flexibility, offering lumen packages up to 3,668 lumens—or dual configurations up to 4,982 lumens—featuring advanced MicroVos technology.

A range of small, square and rectangular, ADA compliant wall mounted luminaires with options of upward or downward light distributions. Ideally suited to illuminate the wall and surfaces in front of wall and for light accents on vertical surfaces using high efficiency LED's. The Leeds is suitable for indoor and outdoor applications and provides a clean, visually appealing solution for small, unobtrusive wall mounted luminaires.

Submitted On: Mar 10, 2026 1/2 Index Page


Submitted by Lighting Virginia-Central

Job Name: Albemarle County Parking
Architect: TIMMONS

Catalog Number: ULEE-30011-14W-T3-W40-XX-120/277V
Notes:

Type: W3
LV - CENTRAL26-44388

ULEE-30011
Leeds 4 Medium Surface Downlight

ORDERING EXAMPLE || ULEE - 30011 - 14w - T2 - W30 - 02 - 120/277v - Options

ULEE-30011	14W	T3	W40	XX	120/277V

Submitted On: Mar 10, 2026 2/2 Index Page

BA HEALTH
Design for LIFE

ARCHITECT:
Bermello, Ajamil & Partners, LLC
4711 South LeJeune Road
Coral Gables, FL 33146
P: 305.859.2050

MEP ENGINEER:
PACE COLLABORATIVE
1277 Perimeter Pkwy
Virginia Beach, VA 23454
P: 757.499.7223

CIVIL ENGINEER:
TIMMONS GROUP
608 Preston Avenue, Suite 200
Charlottesville, Virginia 22903
P: 434.295.5624

STRUCTURAL ENGINEER:
STRUCTURAL
9115 Harris Corners Parkway, Suite 440
Charlotte, NC 28269
P: 240.477.1883

OWNER:
WORREL LAND AND DEVELOPMENT COMPANY, LC
P O BOX 5386
Charlottesville, VA 24901
P: 704.987.9114

GASTRO HEALTH
FLAGLER · MAS AJP MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
Parcel ID: 07800000020C8, Worrell Drive - Charlottesville, VA 22911

PHASE:
FINAL SITE PLAN

Note: This drawing is protected by copyright. It shall not be transmitted to any other except as agreed to by the Architect/Engineers

SEAL:
LIGHTING VIRGINIA
NOT FOR CONSTRUCTION

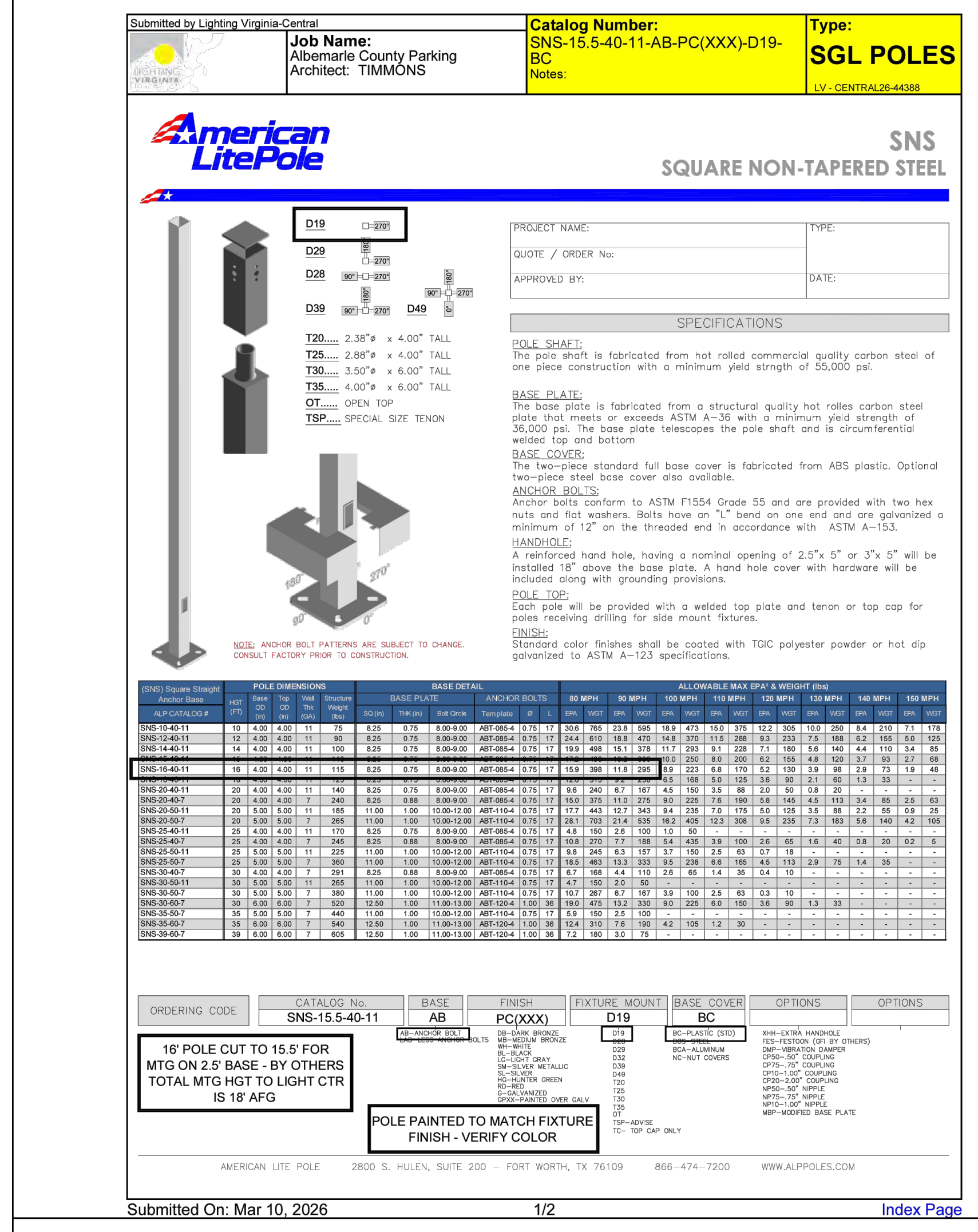
REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No:	02496.000
Date:	2/23/2026
Scale:	
Format:	30" x 42"
Drawn:	C. MYERS
Checked:	C. OLDAKER

SHEET:
L4.5



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
SNS-15.5-40-11-AB-PC(XXX)-D19-BC
Notes:

Type:
SGL POLES
LV - CENTRAL26-44388

SNS
SQUARE NON-TAPERED STEEL

D19
D29
D28
D39
D49

T20..... 2.38"ø x 4.00" TALL
T25..... 2.88"ø x 4.00" TALL
T30..... 3.50"ø x 6.00" TALL
T35..... 4.00"ø x 6.00" TALL
OT...... OPEN TOP
TSP..... SPECIAL SIZE TENON

PROJECT NAME:
TYPE:
QUOTE / ORDER No:
APPROVED BY:
DATE:

SPECIFICATIONS

POLE SHAFT:
The pole shaft is fabricated from hot rolled commercial quality carbon steel of one piece construction with a minimum yield strngth of 55,000 psi.

BASE PLATE:
The base plate is fabricated from a structural quality hot rolles carbon steel plate that meets or exceeds ASTM A-36 with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferential welded top and bottom

BASE COVER:
The two-piece standard full base cover is fabricated from ABS plastic. Optional two-piece steel base cover also available.

ANCHOR BOLTS:
Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end in accordance with ASTM A-153.

HANDHOLE:
A reinforced hand hole, having a nominal opening of 2.5"x 5" or 3"x 5" will be installed 18" above the base plate. A hand hole cover with hardware will be included along with grounding provisions.

POLE TOP:
Each pole will be provided with a welded top plate and tenon or top cap for poles receiving drilling for side mount fixtures.

FINISH:
Standard color finishes shall be coated with TGIC polyester powder or hot dip galvanized to ASTM A-123 specifications.

NOTE: ANCHOR BOLT PATTERNS ARE SUBJECT TO CHANGE. CONSULT FACTORY PRIOR TO CONSTRUCTION.

(SNS) Square Straight Anchor Base	POLE DIMENSIONS					BASE DETAIL						ALLOWABLE MAX EPA² & WEIGHT (lbs)															
						BASE PLATE			ANCHOR BOLTS			80 MPH		90 MPH		100 MPH		110 MPH		120 MPH		130 MPH		140 MPH		150 MPH	
ALP CATALOG #	HGT (FT)	Base OD (in)	Top OD (in)	Wall Thk (GA)	Structure Weight (lbs)	SQ (in)	THK (in)	Bolt Circle	Template	Ø	L	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT	EPA	WGT
SNS-10-40-11	10	4.00	4.00	11	75	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	30.6	765	23.8	595	18.9	473	15.0	375	12.2	305	10.0	250	8.4	210	7.1	178
SNS-12-40-11	12	4.00	4.00	11	90	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	24.4	610	18.8	470	14.8	370	11.5	288	9.3	233	7.5	188	6.2	155	5.0	125
SNS-14-40-11	14	4.00	4.00	11	100	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	19.9	498	15.1	378	11.7	293	9.1	228	7.1	180	5.6	140	4.4	110	3.4	85
SNS-15-40-11	15	4.00	4.00	11	110	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	17.2	[illegible]	13.2	[illegible]	10.0	250	8.0	200	6.2	155	4.8	120	3.7	93	2.7	68
SNS-16-40-11	16	4.00	4.00	11	115	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	15.9	398	11.8	295	8.9	223	6.8	170	5.2	130	3.9	98	2.9	73	1.9	48
SNS-18-40-11	18	4.00	4.00	11	125	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	12.0	315	9.2	230	6.5	168	5.0	125	3.6	90	2.1	60	1.3	33	-	-
SNS-20-40-11	20	4.00	4.00	11	140	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	9.6	240	6.7	167	4.5	150	3.5	88	2.0	50	0.8	20	-	-	-	-
SNS-20-40-7	20	4.00	4.00	7	240	8.25	0.88	8.00-9.00	ABT-085-4	0.75	17	15.0	375	11.0	275	9.0	225	7.6	190	5.8	145	4.5	113	3.4	85	2.5	63
SNS-20-50-11	20	5.00	5.00	11	185	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	17.7	443	12.7	343	9.4	235	7.0	175	5.0	125	3.5	88	2.2	55	0.9	25
SNS-20-50-7	20	5.00	5.00	7	265	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	28.1	703	21.4	535	16.2	405	12.3	308	9.5	235	7.3	183	5.6	140	4.2	105
SNS-25-40-11	25	4.00	4.00	11	170	8.25	0.75	8.00-9.00	ABT-085-4	0.75	17	4.8	150	2.6	100	1.0	50	-	-	-	-	-	-	-	-	-	-
SNS-25-40-7	25	4.00	4.00	7	245	8.25	0.88	8.00-9.00	ABT-085-4	0.75	17	10.8	270	7.7	188	5.4	435	3.9	100	2.6	65	1.6	40	0.8	20	0.2	5
SNS-25-50-11	25	5.00	5.00	11	225	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	9.8	245	6.3	157	3.7	150	2.5	63	0.7	18	-	-	-	-	-	-
SNS-25-50-7	25	5.00	5.00	7	360	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	18.5	463	13.3	333	9.5	238	6.6	165	4.5	113	2.9	75	1.4	35	-	-
SNS-30-40-7	30	4.00	4.00	7	291	8.25	0.88	8.00-9.00	ABT-085-4	0.75	17	6.7	168	4.4	110	2.6	65	1.4	35	0.4	10	-	-	-	-	-	-
SNS-30-50-11	30	5.00	5.00	11	265	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	4.7	150	2.0	50	-	-	-	-	-	-	-	-	-	-	-	-
SNS-30-50-7	30	5.00	5.00	7	380	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	10.7	267	6.7	167	3.9	100	2.5	63	0.3	10	-	-	-	-	-	-
SNS-30-60-7	30	6.00	6.00	7	520	12.50	1.00	11.00-13.00	ABT-120-4	1.00	36	19.0	475	13.2	330	9.0	225	6.0	150	3.6	90	1.3	33	-	-	-	-
SNS-35-50-7	35	5.00	5.00	7	440	11.00	1.00	10.00-12.00	ABT-110-4	0.75	17	5.9	150	2.5	100	-	-	-	-	-	-	-	-	-	-	-	-
SNS-35-60-7	35	6.00	6.00	7	540	12.50	1.00	11.00-13.00	ABT-120-4	1.00	36	12.4	310	7.6	190	4.2	105	1.2	30	-	-	-	-	-	-	-	-
SNS-39-60-7	39	6.00	6.00	7	605	12.50	1.00	11.00-13.00	ABT-120-4	1.00	36	7.2	180	3.0	75	-	-	-	-	-	-	-	-	-	-	-	-

ORDERING CODE	CATALOG No.	BASE	FINISH	FIXTURE MOUNT	BASE COVER	OPTIONS	OPTIONS
	SNS-15.5-40-11	AB	PC(XXX)	D19	BC		
		AB-ANCHOR BOLT LAB-LESS ANCHOR BOLTS	DB-DARK BRONZE MB-MEDIUM BRONZE WH-WHITE BL-BLACK LG-LIGHT GRAY SM-SILVER METALLIC SL-SILVER HG-HUNTER GREEN RD-RED G-GALVANIZED GPXX-PAINTED OVER GALV	D19 D28 D29 D32 D39 D49 T20 T25 T30 T35 OT TSP-ADVISE TC- TOP CAP ONLY	BC-PLASTIC (STD) BCS-STEEL BCA-ALUMINUM NC-NUT COVERS	XHH-EXTRA HANDHOLE FES-FESTOON (GFI BY OTHERS) DMP-VIBRATION DAMPER CP50-.50" COUPLING CP75-.75" COUPLING CP10-1.00" COUPLING CP20-2.00" COUPLING NP50-.50" NIPPLE NP75-.75" NIPPLE NP10-1.00" NIPPLE MBP-MODIFIED BASE PLATE	

16' POLE CUT TO 15.5' FOR MTG ON 2.5' BASE - BY OTHERS TOTAL MTG HGT TO LIGHT CTR IS 18' AFG

POLE PAINTED TO MATCH FIXTURE FINISH - VERIFY COLOR

AMERICAN LITE POLE 2800 S. HULEN, SUITE 200 – FORT WORTH, TX 76109 866-474-7200 WWW.ALPPOLES.COM

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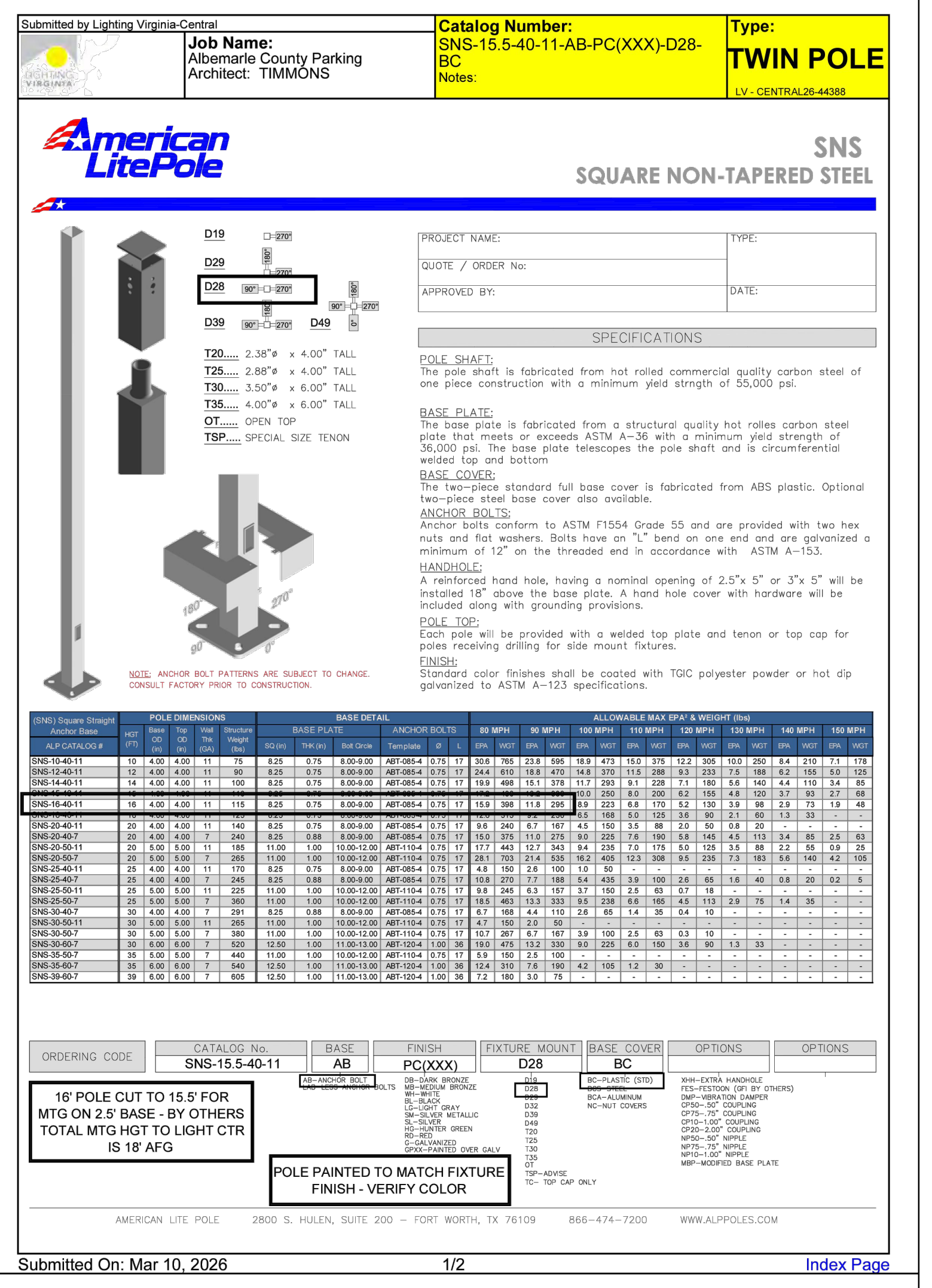


Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
SNS-15.5-40-11-AB-PC(XXX)-D28-BC
Notes:

Type:
TWIN POLE
LV - CENTRAL26-44388

SNS
SQUARE NON-TAPERED STEEL

D19
D29
D28
D39
D49

T20..... 2.38"ø x 4.00" TALL
T25..... 2.88"ø x 4.00" TALL
T30..... 3.50"ø x 6.00" TALL
T35..... 4.00"ø x 6.00" TALL
OT...... OPEN TOP
TSP..... SPECIAL SIZE TENON

PROJECT NAME:
TYPE:
QUOTE / ORDER No:
APPROVED BY:
DATE:

SPECIFICATIONS

POLE SHAFT:
The pole shaft is fabricated from hot rolled commercial quality carbon steel of one piece construction with a minimum yield strngth of 55,000 psi.

BASE PLATE:
The base plate is fabricated from a structural quality hot rolles carbon steel plate that meets or exceeds ASTM A-36 with a minimum yield strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferential welded top and bottom

BASE COVER:
The two-piece standard full base cover is fabricated from ABS plastic. Optional two-piece steel base cover also available.

ANCHOR BOLTS:
Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end in accordance with ASTM A-153.

HANDHOLE:
A reinforced hand hole, having a nominal opening of 2.5"x 5" or 3"x 5" will be installed 18" above the base plate. A hand hole cover with hardware will be included along with grounding provisions.

POLE TOP:
Each pole will be provided with a welded top plate and tenon or top cap for poles receiving drilling for side mount fixtures.

FINISH:
Standard color finishes shall be coated with TGIC polyester powder or hot dip galvanized to ASTM A-123 specifications.

NOTE: ANCHOR BOLT PATTERNS ARE SUBJECT TO CHANGE. CONSULT FACTORY PRIOR TO CONSTRUCTION.

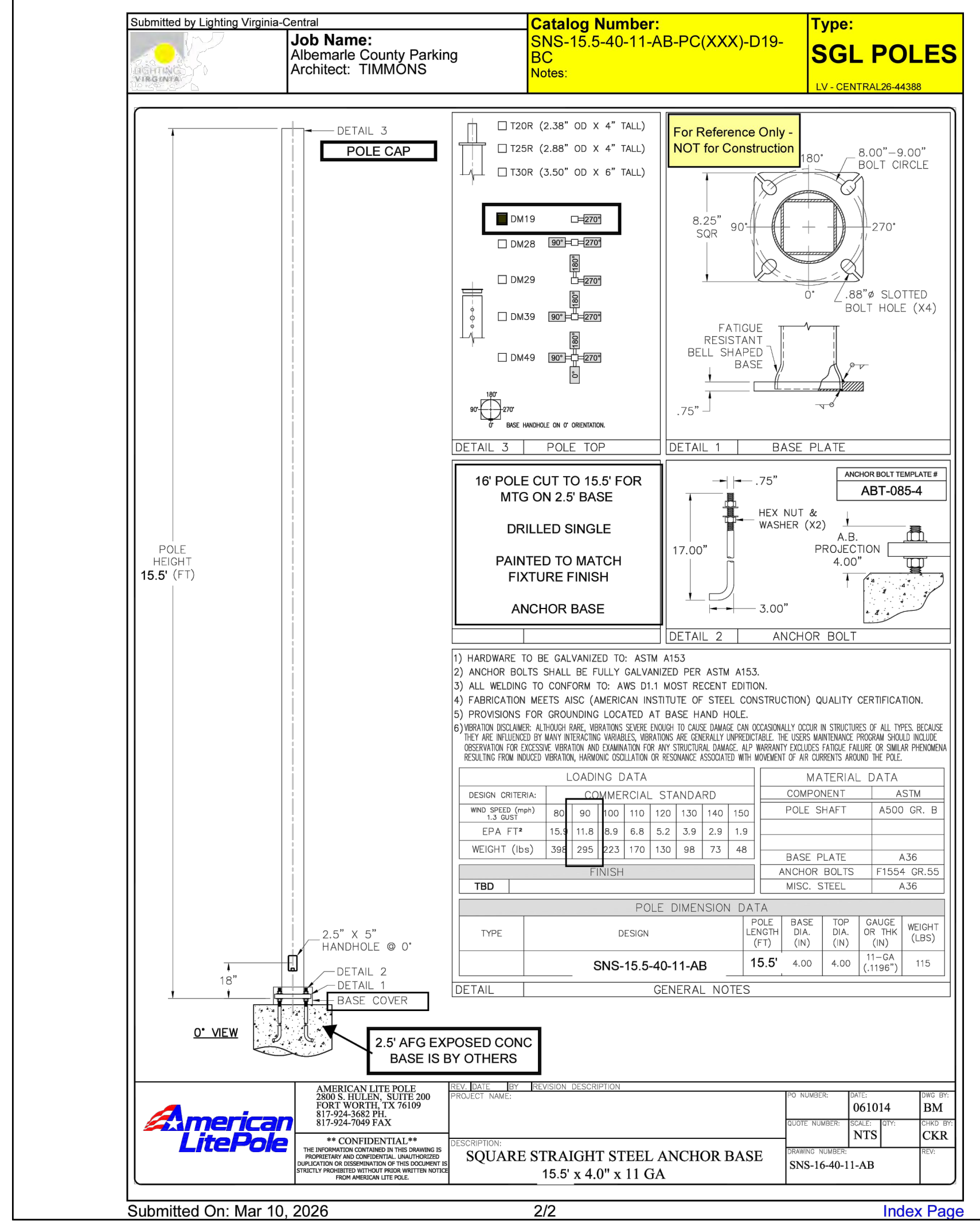
ORDERING CODE	CATALOG No.	BASE	FINISH	FIXTURE MOUNT	BASE COVER	OPTIONS	OPTIONS
	SNS-15.5-40-11	AB	PC(XXX)	D28	BC		
		AB-ANCHOR BOLT LAB-LESS ANCHOR BOLTS	DB-DARK BRONZE MB-MEDIUM BRONZE WH-WHITE BL-BLACK LG-LIGHT GRAY SM-SILVER METALLIC SL-SILVER HG-HUNTER GREEN RD-RED G-GALVANIZED GPXX-PAINTED OVER GALV	D19 D28 D29 D32 D39 D49 T20 T25 T30 T35 OT TSP-ADVISE TC- TOP CAP ONLY	BC-PLASTIC (STD) BCS-STEEL BCA-ALUMINUM NC-NUT COVERS	XHH-EXTRA HANDHOLE FES-FESTOON (GFI BY OTHERS) DMP-VIBRATION DAMPER CP50-.50" COUPLING CP75-.75" COUPLING CP10-1.00" COUPLING CP20-2.00" COUPLING NP50-.50" NIPPLE NP75-.75" NIPPLE NP10-1.00" NIPPLE MBP-MODIFIED BASE PLATE	

16' POLE CUT TO 15.5' FOR MTG ON 2.5' BASE - BY OTHERS TOTAL MTG HGT TO LIGHT CTR IS 18' AFG

POLE PAINTED TO MATCH FIXTURE FINISH - VERIFY COLOR

AMERICAN LITE POLE 2800 S. HULEN, SUITE 200 – FORT WORTH, TX 76109 866-474-7200 WWW.ALPPOLES.COM

Submitted On: Mar 10, 2026 1/2 Index Page



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
SNS-15.5-40-11-AB-PC(XXX)-D19-BC
Notes:

Type:
SGL POLES
LV - CENTRAL26-44388

2.5' AFG EXPOSED CONC BASE IS BY OTHERS

☐ T20R (2.38" OD X 4" TALL)
☐ T25R (2.88" OD X 4" TALL)
☐ T30R (3.50" OD X 6" TALL)
■ DM19
☐ DM28
☐ DM29
☐ DM39
☐ DM49

BASE HANDHOLE ON 0° ORIENTATION.

DETAIL 3 POLE TOP

For Reference Only - NOT for Construction

8.00"-9.00" BOLT CIRCLE
8.25" SQR
180°
90°
270°
0°
.88"ø SLOTTED BOLT HOLE (X4)
FATIGUE RESISTANT BELL SHAPED BASE
.75"

DETAIL 1 BASE PLATE

16' POLE CUT TO 15.5' FOR MTG ON 2.5' BASE

DRILLED SINGLE

PAINTED TO MATCH FIXTURE FINISH

ANCHOR BASE

ANCHOR BOLT TEMPLATE #
ABT-085-4

DETAIL 2 ANCHOR BOLT

1) HARDWARE TO BE GALVANIZED TO: ASTM A153
2) ANCHOR BOLTS SHALL BE FULLY GALVANIZED PER ASTM A153.
3) ALL WELDING TO CONFORM TO: AWS D1.1 MOST RECENT EDITION.
4) FABRICATION MEETS AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) QUALITY CERTIFICATION.
5) PROVISIONS FOR GROUNDING LOCATED AT BASE HAND HOLE.
6) VIBRATION DISCLAIMER: ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USERS MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE. ALP WARRANTY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE POLE.

LOADING DATA								
DESIGN CRITERIA:	COMMERCIAL STANDARD							
WIND SPEED (mph) 1.3 GUST	80	90	100	110	120	130	140	150
EPA FT²	15.9	11.8	8.9	6.8	5.2	3.9	2.9	1.9
WEIGHT (lbs)	398	295	223	170	130	98	73	48
FINISH								
TBD								

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A500 GR. B
BASE PLATE	A36
ANCHOR BOLTS	F1554 GR.55
MISC. STEEL	A36

POLE DIMENSION DATA						
TYPE	DESIGN	POLE LENGTH (FT)	BASE DIA. (IN)	TOP DIA. (IN)	GAUGE OR THK (IN)	WEIGHT (LBS)
	SNS-15.5-40-11-AB	15.5'	4.00	4.00	11-GA (.1196")	115

DETAIL GENERAL NOTES

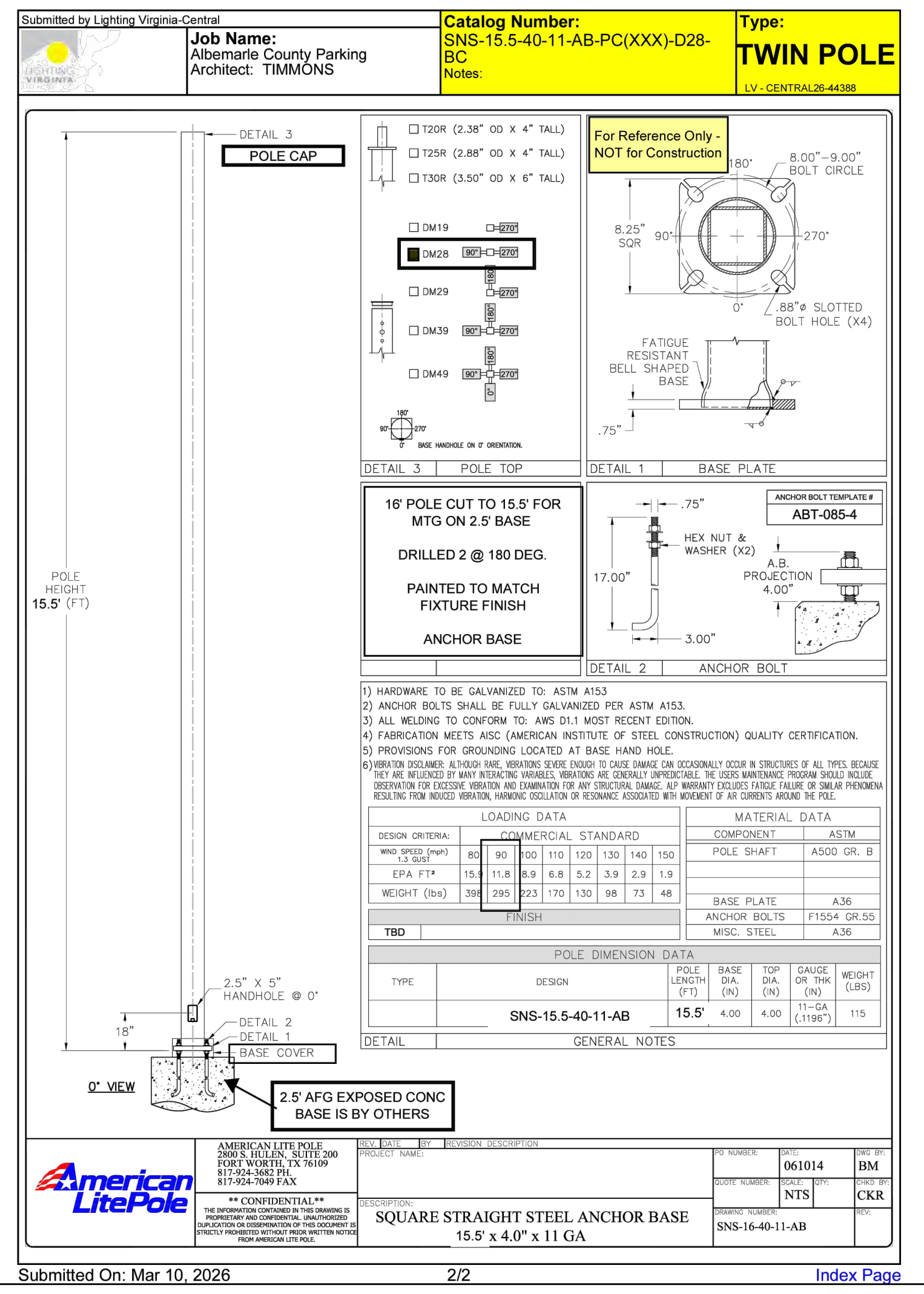
AMERICAN LITE POLE
2800 S. HULEN, SUITE 200
FORT WORTH, TX 76109
817-924-3682 PH.
817-924-7049 FAX

** CONFIDENTIAL**
THE INFORMATION CONTAINED IN THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL. UNAUTHORIZED DUPLICATION OR DISSEMINATION OF THIS DOCUMENT IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN NOTICE FROM AMERICAN LITE POLE.

REV. DATE BY REVISION DESCRIPTION
PROJECT NAME:
DESCRIPTION:
SQUARE STRAIGHT STEEL ANCHOR BASE
15.5' x 4.0" x 11 GA

PO NUMBER:
DATE: 061014
DWG BY: BM
QUOTE NUMBER:
SCALE: NTS
QTY:
CHKD BY: CKR
DRAWING NUMBER: SNS-16-40-11-AB
REV:

Submitted On: Mar 10, 2026 2/2 Index Page



Submitted by Lighting Virginia-Central

Job Name:
Albemarle County Parking
Architect: TIMMONS

Catalog Number:
SNS-15.5-40-11-AB-PC(XXX)-D28-BC
Notes:

Type:
TWIN POLE
LV - CENTRAL26-44388

2.5' AFG EXPOSED CONC BASE IS BY OTHERS

☐ T20R (2.38" OD X 4" TALL)
☐ T25R (2.88" OD X 4" TALL)
☐ T30R (3.50" OD X 6" TALL)
☐ DM19
■ DM28
☐ DM29
☐ DM39
☐ DM49

BASE HANDHOLE ON 0° ORIENTATION.

DETAIL 3 POLE TOP

For Reference Only - NOT for Construction

8.00"-9.00" BOLT CIRCLE
8.25" SQR
180°
90°
270°
0°
.88"ø SLOTTED BOLT HOLE (X4)
FATIGUE RESISTANT BELL SHAPED BASE
.75"

DETAIL 1 BASE PLATE

16' POLE CUT TO 15.5' FOR MTG ON 2.5' BASE

DRILLED 2 @ 180 DEG.

PAINTED TO MATCH FIXTURE FINISH

ANCHOR BASE

ANCHOR BOLT TEMPLATE #
ABT-085-4

DETAIL 2 ANCHOR BOLT

1) HARDWARE TO BE GALVANIZED TO: ASTM A153
2) ANCHOR BOLTS SHALL BE FULLY GALVANIZED PER ASTM A153.
3) ALL WELDING TO CONFORM TO: AWS D1.1 MOST RECENT EDITION.
4) FABRICATION MEETS AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) QUALITY CERTIFICATION.
5) PROVISIONS FOR GROUNDING LOCATED AT BASE HAND HOLE.
6) VIBRATION DISCLAIMER: ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USERS MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE. ALP WARRANTY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE POLE.

LOADING DATA								
DESIGN CRITERIA:	COMMERCIAL STANDARD							
WIND SPEED (mph) 1.3 GUST	80	90	100	110	120	130	140	150
EPA FT²	15.9	11.8	8.9	6.8	5.2	3.9	2.9	1.9
WEIGHT (lbs)	398	295	223	170	130	98	73	48
FINISH								
TBD								

MATERIAL DATA	
COMPONENT	ASTM
POLE SHAFT	A500 GR. B
BASE PLATE	A36
ANCHOR BOLTS	F1554 GR.55
MISC. STEEL	A36

POLE DIMENSION DATA						
TYPE	DESIGN	POLE LENGTH (FT)	BASE DIA. (IN)	TOP DIA. (IN)	GAUGE OR THK (IN)	WEIGHT (LBS)
	SNS-15.5-40-11-AB	15.5'	4.00	4.00	11-GA (.1196")	115

DETAIL GENERAL NOTES

AMERICAN LITE POLE
2800 S. HULEN, SUITE 200
FORT WORTH, TX 76109
817-924-3682 PH.
817-924-7049 FAX

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REV. DATE BY REVISION DESCRIPTION
PROJECT NAME:
DESCRIPTION:
SQUARE STRAIGHT STEEL ANCHOR BASE
15.5' x 4.0" x 11 GA

PO NUMBER:
DATE: 061014
DWG BY: BM
QUOTE NUMBER:
SCALE: NTS
QTY:
CHKD BY: CKR
DRAWING NUMBER: SNS-16-40-11-AB
REV:

Submitted On: Mar 10, 2026 2/2 Index Page

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Design for LIFE

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GASTRO HEALTH
FLAGLER • MAS AJP
MEDICAL OFFICE DEVELOPMENT

GASTRO HEALTH CHARLOTTESVILLE
MEDSQUARE AMBULATORY SURGERY CENTER
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PHASE:
FINAL SITE PLAN

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SEAL:
LIGHTING VIRGINIA
NOT FOR CONSTRUCTION

REVISIONS:

No.:	DESCRIPTION	DATE:

TITLE:
LIGHTING NOTES AND DETAILS

Project No: 02496.000
Date: 2/23/2026
Scale:
Format: 30" x 42"
Drawn: C. MYERS
Checked: C. OLDAKER

SHEET:
L4.5