

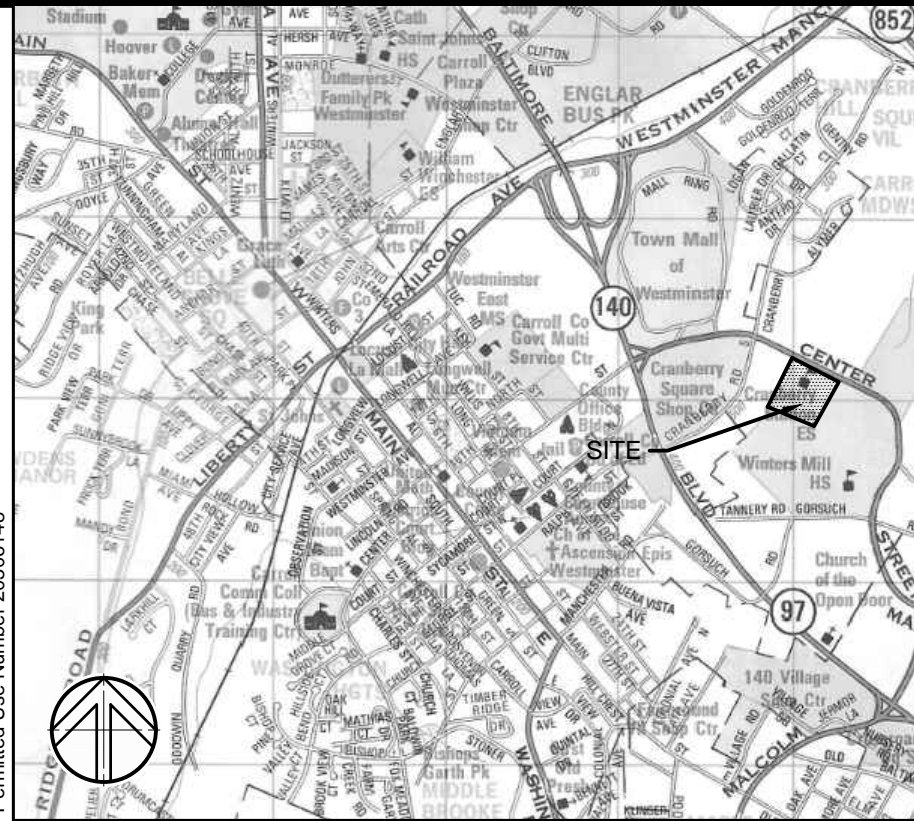
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FINAL SITE DEVELOPMENT PLAN FOR
**CRANBERRY STATION
ELEMENTARY
SCHOOL**

505 N CENTER STREET,
WESTMINSTER,
MD 21157



VICINITY MAP

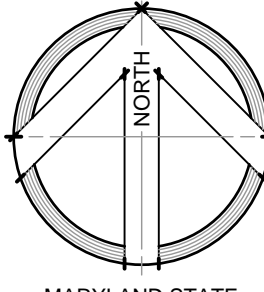
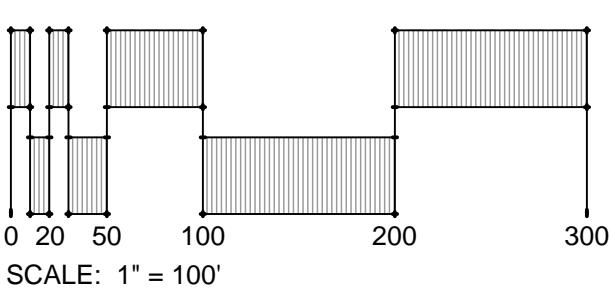
SITE DATA:

SITE ADDRESS:	505 N CENTER STREET WESTMINSTER, MD 21157
OWNER/DEVELOPER:	BOARD OF EDUCATION OF CARROLL COUNTY 125 NORTH COURT STREET WESTMINSTER, MD 21157 WILLIAM CAINE 410-386-1817
PROPERTY REFERENCE:	TAX MAP: 46 GRID: 03 PARCEL: 1583 ELECTION DISTRICT: 07-004
PROPERTY LAND AREA:	56.03 ACRES
TOTAL DEVELOPED AREA:	2,440,666.80 SF OR 56.03 ACRES
TOTAL DISTURBED AREA:	13,695 SF OR .31 ACRES
EXISTING/PROPOSED USE:	ELEMENTARY SCHOOL/ELEMENTARY SCHOOL
PROPOSED ADDITION AREA:	5,290 SF
ZONING:	R-10,000 (RESIDENCE, URBAN DISTRICT)
SETBACKS:	FRONT: 150 FT SIDE: 100 FT REAR: 50 FT
PARKING LOT TABULATION:	EXISTING: 135 PROPOSED: 135
STUDENT ENROLLMENT:	CURRENT: 601 PROJECTED: 656
STAFF:	CURRENT: 92 PROJECTED: 94
TRIP GENERATION:	NO ADDITIONAL TRIPS OR BUSES ARE PLANNED.
FLOODPLAIN INFO:	THE SITE IS NOT LOCATED WITHIN THE 100 YEAR FLOODPLAIN AS DELINEATED ON FEMA FLOOD INSURANCE RATE MAP 24013C0043D. THE SITE IS LOCATED IN ZONE 'X' WHICH MEANS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
LOCATION OF NEAREST WATER SUPPLY AVAILABLE FOR FIRE PROTECTION:	THERE ARE THREE HYDRANTS ALONG THE EXISTING 8" WATER LINE BETWEEN THE ROUNDABOUT AND THE WEST SIDE OF THE SCHOOL, NEAR THE NORTH SIDE OF THE SCHOOL, AND THE SOUTHERNMOST CORNER OF THE SCHOOL. THE HYDRANT ON THE NORTH SIDE OF THE SCHOOL WILL BE RELOCATED TO ACCOUNT FOR THE BUILDING ADDITION.

THE SITE IS IN COMPLIANCE WITH THE CODE OF PUBLIC LOCAL LAWS & ORDINANCES OF CARROLL COUNTY, MARYLAND PER CHAPTER 150 OF THE FOREST CONSERVATION ORDINANCE.

WATER RESOURCE NOTES

1. THE PROPOSED PROJECT IS IN AN AQUIFER PROTECTION AND A SURFACE WATER PROTECTION AREA.
2. THERE WILL BE NO USE, TRANSFER, OR STORAGE OF REGULATED SUBSTANCES ON SITE.
3. THE PROJECT SITE IS LOCATED WITHIN THE TIER II CATCHMENT N BRANCH PATAPSCO RIVER I, WITH NO ASSIMILATIVE CAPACITY REMAINING.



COUNTY FILE NUMBER:
S-23-0029

OWNER/DEVELOPER CERTIFICATION

I/We certify that all proposed work shown on these construction drawing(s) has been reviewed by me/us and that I/We fully understand what is necessary to accomplish this work and that the work will be conducted in strict accordance with these plans. I/We also understand that any changes to these plans will require an amended plan to be reviewed and approved by the Carroll County Zoning Commission before any change in the work is made.

NAME(S) (PRINTED)	DATE
SIGNED	DATE

**CARROLL COUNTY
HEALTH DEPARTMENT**

BY	DATE
Community Water and/or sewerage systems are in conformance with the Carroll County Master Plan for Water and Sewer.	

**CARROLL COUNTY
PLANNING AND ZONING COMMISSION**

BY	DATE
----	------

ESC NOTE:

EROSION AND SEDIMENT CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE CARROLL COUNTY STANDARD EROSION AND SEDIMENT CONTROL PLAN. CONTRACTOR SHALL CORRDINATE WITH CCPS FOR SITE ACCESS

MOSELEYARCHITECTS

1414 KEY HIGHWAY, SECOND FLOOR, BALTIMORE, MD 21230
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MOSELEYARCHITECTS.COM



PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO:	631358
DATE:	
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

COVER SHEET

C001

SHEET 1 OF 16

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GENERAL NOTES (THESE NOTES PERTAIN TO ALL CIVIL DRAWINGS)

1. EXISTING INFORMATION AND CONDITIONS NOT GUARANTEED; VERIFY AND TEST PIT EXISTING UTILITIES: THE CORRECTNESS AND COMPLETENESS OF THE INFORMATION SHOWING EXISTING CONDITIONS IS NOT GUARANTEED. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL PERFORM THE FOLLOWING TASKS:
- (a) NOTIFY MISS UTILITY AT 1-800-257-7777, AND MAKE SURE THEY COMPLETE THE MARKING OF UTILITIES WITHIN THE FIRST 48 HOURS PRIOR TO INSTALLING SEDIMENT CONTROL MEASURES. MAINTAIN ALL MARKINGS THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL ALSO INCLUDE IN HIS BID PRICE MARKING OF ON-SITE UTILITIES THAT MIGHT NOT BE MARKED BY MISS UTILITY; THE CONTRACTOR SHALL EITHER MARK THESE ON-SITE UTILITIES HIMSELF OR BY SUBCONTRACTING WITH A PRIVATE ON-SITE UTILITY LOCATION COMPANY.
- (b) VERIFY THE GENERAL ACCURACY OF THE EXISTING CONDITIONS SHOWN ON THE SITE DRAWINGS BY VISUAL INSPECTION OF THE SURFACE OF THE SITE AND ALL EXISTING STRUCTURES, PAVING AND UTILITY APPURTENANCES VISIBLE THEREON;
- (c) WITH REGARD TO THE STRUCTURES & APPURTENANCES OBSERVED AS REQUIRED PER ITEM (B) ABOVE, DETERMINE THE TYPE, SIZE, LOCATION AND ELEVATION OF ALL THOSE EXISTING UTILITIES (INCLUDING BUT NOT LIMITED TO ALL STORM DRAINS, SANITARY LINES, WATER LINES, GAS LINES, STEAM LINES, ELECTRIC LINES, TELEPHONE LINES, AND COMMUNICATION DUCTS, AND ALL MANHOLES, INLETS, CLEAN-OUTS, VALVES, HANDHOLES, ETC. RELATED THERETO) WITHIN THE LIMITS OF CONSTRUCTION IN ORDER TO: (I) AVOID DAMAGING OR DISRUPTING SERVICE, AND (II) TO COORDINATE AND FACILITATE CONSTRUCTION OF PROPOSED UTILITIES AND OTHER IMPROVEMENTS. IN ADDITION TO THE CONTRACTOR'S VISUAL OBSERVATION AND THE UTILITY MARKING (AS REQUIRED ABOVE), THE CONTRACTOR SHALL SCHEDULE AND COMPLETE TEST PITTING OF ALL EXISTING UTILITIES (FOR THE PURPOSES SET FORTH ABOVE) AND SHALL DO SO IN A TIMELY MANNER IN ORDER TO ALLOW TIME FOR ANALYSIS AND REDESIGN BY SITE RESOURCES AND/OR OTHER CONSULTANTS, WITHOUT DELAYING THE PROJECT SCHEDULE.
- (d) IMMEDIATELY REPORT TO SITE RESOURCES, INC. THE RESULTS OF STEPS (A), (B) AND (C) WHICH MIGHT INDICATE ANY DISCREPANCY BETWEEN ACTUAL CONDITIONS AND THOSE SHOWN ON THE PLAN, AND ANY POTENTIAL CONFLICTS BETWEEN PROPOSED IMPROVEMENTS AND EXISTING CONDITION.
- TEST PITTING DEFINED: FOR THE PURPOSES OF THIS CONTRACT, EXCAVATION OF UTILITY TRENCHES DOES NOT CONSTITUTE TEST PITTING. TEST PITTING IS A SEPARATE OPERATION COMPLETED AT LEAST SEVEN DAYS BEFORE UTILITY INSTALLATION IS SCHEDULED TO BEGIN. TEST PITTING MEANS EXCAVATION TO EXPOSE EXISTING UTILITIES IN TWO SITUATIONS: (I) WHERE PROPOSED IMPROVEMENTS CROSS EXISTING UTILITIES (PIPES, LINES, STRUCTURES, APPURTENANCES) AND; (II) WHERE PROPOSED UTILITIES ARE DESIGNED TO CONNECT TO EXISTING UTILITIES. TEST PITTING INCLUDES RECORDING THE TYPE, SIZE, LOCATION AND ELEVATION OF THE EXPOSED UTILITIES, AND FAXING AND MAILING THE RECORD TO SITE RESOURCES, INC. AND THE OWNER. THE RECORD MAY BE A LEGIBLE HAND-WRITTEN FIELD SKETCH.
2. EXISTING AND PROPOSED GAS LINES, ELECTRIC LINES, TELEPHONE LINES, COMMUNICATION LINES AND OTHER UTILITIES: THESE DRAWINGS INCLUDE INFORMATION AND DEPICTIONS OF BALTIMORE GAS & ELECTRIC COMPANY'S (BGE) ELECTRIC AND/OR GAS UTILITIES LOCATED WITHIN THE GENERAL PROJECT AREA. LOCATIONS, DIMENSIONS, DEPTHS, AND OTHER DETAILS OF ANY SUCH UTILITIES MAY NOT BE AS ACTUALLY CONSTRUCTED, AND THE INFORMATION SHALL NOT BE RELIED UPON WITHOUT FIELD VERIFICATION BY TEST PITTING AS DEFINED ABOVE. EXCAVATORS MUST EMPLOY SAFE DIGGING PRACTICES WHEN APPROACHING BGE ELECTRIC AND/OR GAS UTILITIES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS INCLUDING, BUT NOT LIMITED TO, THE LAW GOVERNING NOTIFICATION OF MISS UTILITY. NO REPRESENTATION, GUARANTEES, OR WARRANTIES EXPRESSED OR IMPLIED ARE MADE BY BGE OR SITE RESOURCES, INC. AS TO THE QUALITY, COMPLETENESS, OR ACCURACY OF THE BGE UTILITY INFORMATION, AND IN ACCEPTING THESE DRAWINGS, THE RECIPIENT EXPRESSLY AGREES THAT IT IS NOT RELYING ON THE ACCURACY OF THE SAME.
- EXISTING AND PROPOSED GAS LINES, STEAM LINES, ELECTRIC LINES, TELEPHONE LINES, COMMUNICATION DUCTS AND OTHER SUCH UTILITIES ARE NOT PART OF THE SCOPE OF WORK SHOWN ON THESE SITE PLANS AND SITE RESOURCES, INC. HAS NO RESPONSIBILITY FOR DESIGN, SPECIFICATION OR INSTALLATION OF SAID UTILITIES. TO THE EXTENT THAT SOME OR ALL OF SUCH UTILITIES (WHETHER EXISTING OR PROPOSED) APPEAR ON THE SITE DRAWINGS, IT IS PRESENTED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR AND THE CORRECTNESS AND COMPLETENESS OF THE INFORMATION SHOWING THESE UTILITIES IS NOT GUARANTEED.
3. COORDINATION BETWEEN PROPOSED UTILITIES: THE CONTRACTOR SHALL ADJUST THE LOCATION AND ELEVATION OF PROPOSED GAS LINES, ELECTRIC LINES, TELEPHONE LINES, COMMUNICATION LINES, AND WATER LINES AS NEEDED TO CONSTRUCT THE PROPOSED STORM DRAINS AND SANITARY SEWER WITH MINIMUM CLEARANCES. COORDINATE WITH THE MECHANICAL/ELECTRICAL DRAWINGS AND SPECIFICATIONS AND APPROPRIATE UTILITY COMPANY.
4. RELOCATION OF EXISTING UTILITIES: IN THE EVENT THAT THE LOCATION OR ELEVATION OF EXISTING MINOR UNDERGROUND ELECTRIC LINES AND PHONE LINES CONFLICT WITH PROPOSED STORM DRAINS, SANITARY SEWER LINES OR WATER LINES, THE CONTRACTOR SHALL, WITH THE PERMISSION OF THE OWNER AND WITHOUT AN EXTRA COST TO THE PROJECT, ADJUST THESE LINES TO PERMIT INSTALLATION OF THE NEW UTILITIES. IN THE EVENT THAT ANY OTHER UTILITY IS RELOCATED TO ACCOMMODATE A NEW UTILITY, SAID RELOCATION SHALL BE AN EXTRA COST TO THE PROJECT, SUBJECT TO THE TERMS AND CONDITIONS OF THE CONSTRUCTION CONTRACT.
5. UTILITIES TO REMAIN OPERATIONAL; ADJUSTMENT FOR FINAL GRADE: ALL EXISTING UTILITIES SHALL BE RETAINED UNLESS MARKED OTHERWISE. EXISTING UTILITIES NOT TO BE REMOVED ARE TO REMAIN OPERATIONAL AT ALL TIMES. EXISTING UTILITIES TO BE REPLACED OR RELOCATED SHALL REMAIN IN SERVICE UNTIL REPLACED OR RELOCATED UTILITIES ARE OPERATIONAL. ALL EXISTING UTILITY APPURTENANCES SHALL BE ADJUSTED FOR FINAL GRADE.
6. UTILITY TRENCHING, BACKFILL AND COMPACTION: ALL TRENCHING FOR SANITARY SEWER, STORM DRAINS AND WATER MAINS SHALL BE DONE IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION PUBLISHED BY CARROLL COUNTY AS AMENDED TO DATE.
7. UTILITY CERTIFICATION: THE CONTRACTOR SHALL HAVE A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MARYLAND CERTIFY, ON A FORM PROVIDED BY THE OWNER, THAT ALL PROPOSED STORM DRAINS, SANITARY SEWERS AND WATER LINES SHOWN HEREON WERE INSTALLED IN ACCORDANCE WITH THESE PLANS AND CARROLL COUNTY SPECIFICATIONS. IF SAID CERTIFICATION IS NOT POSSIBLE BECAUSE THE UTILITIES WERE NOT INSTALLED IN ACCORDANCE WITH THESE PLANS AND CARROLL COUNTY SPECIFICATIONS, THEN THE OWNER HAS THE OPTION OF WAIVING, IN WRITING, THIS CERTIFICATION, IN WHOLE OR PART. IF THE OWNER DOES NOT ELECT TO WAIVE THE CERTIFICATION, THE CONTRACTOR SHALL ADJUST AND, IF NECESSARY, RECONSTRUCT THE UTILITIES TO BRING THEM IN CONFORMANCE WITH THESE PLANS AND CARROLL COUNTY SPECIFICATIONS.
8. UTILITY CAPPING AND PROTECTION: ALL BUILDING CONNECTIONS SHALL BE CAPPED AT UPSTREAM END, 5 FEET FROM PROPOSED BUILDINGS, CAISSONS OR COLUMN FOOTINGS OR AS NOTED, AND SHALL BE PROTECTED BY PROVIDING THREE STAKES (THE HEIGHT BEING A MINIMUM OF 18 INCHES ABOVE PROPOSED GRADE) WITH HIGH VISIBILITY FLAGGING AROUND THE CAPPED END OF THE UTILITY.
9. PROPOSED WATER LINES: PROPOSED WATER LINES SHALL HAVE A MINIMUM OF 4'-0" COVER FROM FINISHED GRADE, 1'-0" CLEARANCE FROM STORM DRAINS AND 1'-0" CLEARANCE FROM SANITARY SEWERS, UNLESS INDICATED OTHERWISE ON THESE CONSTRUCTION DRAWINGS. ALL WATER MAINS 3" OR LARGER SHALL BE CLASS 54 DIP MEETING AWWA C110/C153. ALL WATER LINES 2" AND SMALLER SHALL BE TYPE K COPPER TUBING MEETING THE MATERIAL, CHEMICAL, AND MECHANICAL REQUIREMENTS OF ASTM B-88.
10. PROPOSED STORM DRAINS: ALL STORM DRAINS 12 INCHES AND LARGER SHALL BE CLASS IV REINFORCED CONCRETE CULVERT PIPE (RCCP) UNLESS INDICATED OTHERWISE ON THESE CONSTRUCTION DRAWINGS.
11. PROPOSED SANITARY SEWERS: ALL PIPE AND FITTINGS FOR SANITARY HOUSE CONNECTION SHALL BE POLYVINYL CHLORIDE (PVC) MEETING MATERIAL REQUIREMENTS OF ASTM D3034, (SDR-35 OR SDR-26 AS APPROPRIATE FOR DEPTH OF BURY) UNLESS INDICATED OTHERWISE ON THESE CONSTRUCTION DRAWINGS. JOINTS SHALL BE ELASTOMERIC GASKETED.
12. STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS: UNLESS OTHERWISE NOTED OR DETAILED ON THE DRAWINGS, ALL CONSTRUCTION SHALL FOLLOW THE LATEST STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION PUBLISHED BY CARROLL COUNTY AS AMENDED TO DATE.
13. SEDIMENT CONTROL: THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL UTILITIES TO AVOID CONSTRUCTION PROBLEMS/CONFLICTS WITH SEDIMENT AND EROSION CONTROL MEASURES. ANY DISTURBANCE TO SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REPAIRED AT THE END OF EACH WORKING DAY. CONTRACTOR SHALL, WITHOUT EXTRA COST TO THE PROJECT, REPAIR AND MAINTAIN EXISTING SEDIMENT CONTROL DEVICES UNTIL ALL AREAS WITHIN LIMITS OF CONSTRUCTION ARE STABILIZED. WITH THE APPROVAL OF SEDIMENT CONTROL INSPECTOR, ALL SEDIMENT CONTROL DEVICES SHALL BE REMOVED AND AREAS RESTORED AND STABILIZED. ALL SEDIMENT CONTROL MEASURES REFERRED TO ON THESE PLANS SHALL BE IN ACCORDANCE WITH THE PUBLICATION ENTITLED 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
14. DISTURBED AREAS: ALL AREAS DISTURBED BY THE CONTRACTOR DURING OR PRIOR TO CONSTRUCTION, NOT DESIGNATED TO RECEIVE PAVING, MULCH OR SOLID SOD SHALL BE FINE GRADED, SEEDED AND MULCHED IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES AND SPECIFICATIONS SHOWN ON THE SEDIMENT CONTROL DRAWINGS.

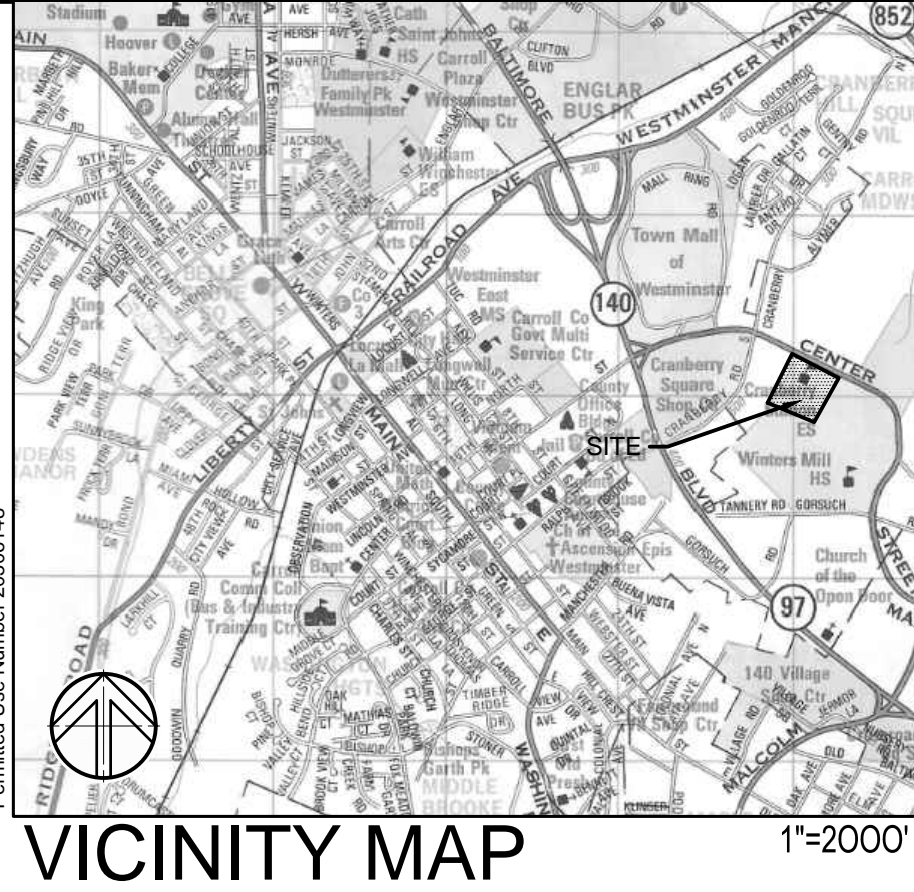
15. REPAIR AND REPLACEMENT OF DAMAGE CAUSED BY CONTRACTOR AND SUBCONTRACTORS: IN THE EVENT THAT THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS DAMAGE ANY EXISTING CURB, GUTTER, PAVING, UTILITIES, SIDEWALKS, TREES, SHRUBS, LAWNS, OR ANY OTHER EXISTING CONDITIONS (NOT INDICATED TO BE DEMOLISHED), OR ANY NEWLY INSTALLED PROPOSED IMPROVEMENT, THE GENERAL CONTRACTOR SHALL REPAIR AND REPLACE SAID DAMAGE TO OWNER'S SATISFACTION, AT GENERAL CONTRACTOR'S SOLE COST AND EXPENSE.
16. BENCHMARKS: SEE EXISTING CONDITIONS AND DEMOLITION PLAN.
17. ELEVATION AND LABELING: ALL SPOT GRADE ELEVATIONS IN ROADWAYS AND PARKING LOTS ARE FOR BOTTOM OF CURB UNLESS OTHERWISE NOTED. ELEVATIONS ON HARD SURFACES (ROADS, WALKS, WALLS, STEPS, MANHOLES, INLETS, ETC.) ARE LABELED TO THE HUNDRETH OF A FOOT (E.G. 245.45). ELEVATIONS ON PROPOSED LAWN AND PLANTING AREAS ARE LABELED TO THE TENTH OF A FOOT (E.G. 245.5).
18. DIMENSIONS: UNLESS OTHERWISE NOTED ON THE DRAWING, ALL DIMENSIONS SHOWN ON THE SITE DRAWINGS FOLLOW THESE CONVENTIONS:
- (a) DIMENSIONS TO A BUILDING OR RETAINING WALL ARE TO THE FACE OF THE WALL;
- (b) DIMENSIONS TO A CURB ARE TO THE FACE (NOT THE BACK) OF THE CURB;
- (c) DIMENSIONS TO A FENCE ARE TO THE CENTERLINE OF THE FENCE;
- (d) DIMENSIONS FOR SIDEWALKS ABUTTING A CURB ARE FROM THE FACE OF CURB TO THE BACK EDGE OF THE WALK;
- (e) DIMENSIONS FOR OTHER SIDEWALKS OR OPEN PAVING SECTIONS ARE MEASURED TO THE EDGE OF PAVING;
- (f) DIMENSIONS TO A MANHOLE, INLET, CLEANOUT, PIPE BEND, VALVE, FIRE HYDRANT OR OTHER UTILITY APPURTENANCE ARE TO THE CENTER OF THE STRUCTURE;
- (g) DIMENSIONS FOR STEPS ARE TO THE OUTER EDGE OF THE STAIRCASE AND THE NOSE OF THE TOP OR BOTTOM STEP;
- (h) LAYOUT OF SEDIMENT CONTROL MEASURES AND PLANT MATERIAL SHALL BE SCALED.
19. GRADING: IT IS THE INTENT OF THE GRADING DESIGN TO ACHIEVE POSITIVE DRAINAGE AND AESTHETICALLY PLEASING VERTICAL CURVES AND LINES. TRANSITIONS BETWEEN EXISTING AND PROPOSED PAVEMENT SHALL BE SMOOTH AND JOINTS FLUSH. UNLESS OTHERWISE EXPRESSLY NOTED ON THE PLAN (BY ARROW WITH THE PERCENT SLOPE LABELED), ALL PROPOSED BITUMINOUS PAVING SHALL HAVE A SLOPE OF AT LEAST 2 PERCENT AND ALL CONCRETE SHALL HAVE A MINIMUM SLOPE OF 1.5 PERCENT IN THE DIRECTION INDICATED BY PROPOSED CONTOURS. UNPAVED AREAS SHALL HAVE A MINIMUM SLOPE OF 2 PERCENT AND A MAXIMUM SLOPE OF 2:1. FINAL GRADING SHALL ACHIEVE POSITIVE SURFACE DRAINAGE AWAY FROM BUILDINGS AND TOWARD DRAINAGE FACILITIES (SWALES, GUTTERS, INLETS, ETC.).
20. COMPACTION: ALL EARTH FILL MATERIAL UNDER SLABS, FOOTINGS AND PAVED AREAS SHALL BE PLACED IN 8" LOOSE LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 698. ALL OTHER FILL SHALL BE COMPACTED TO 90%.
21. HEADINGS: THE HEADINGS CONTAINED IN THESE GENERAL NOTES ARE FOR THE CONVENIENCE OF THE READER ONLY AND SHALL NOT LIMIT THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLETING SUCH WORK.
22. ABBREVIATIONS:
- | | | | |
|---------|------------------------------|------|----------------------------------|
| PROP | PROPOSED* | DIP | DUCTILE IRON PIPE |
| EX | EXISTING | PVC | POLYVINYL CHLORIDE PIPE |
| ASPH | ASPHALT | HDPE | HIGH DENSITY POLYETHYLENE PIPE |
| CONC | CONCRETE | CMP | CORRUGATED METAL PIPE |
| M OR MH | MANHOLE | RCCP | REINFORCED CONCRETE PIPE |
| SD | STORM DRAIN | C&G | CONCRETE CURB & GUTTER |
| I | INLET | INV | INVERT ELEVATION |
| SAN | SANITARY SEWER | FDC | FIRE DEPARTMENT CONNECTION |
| FF | FINISHED FLOOR ELEVATION | FH | FIRE HYDRANT |
| BF | BASEMENT FLOOR ELEVATION | | |
| TC | TOP OF CURB | BC | BOTTOM OF CURB |
| TS | TOP OF STEP | BS | BOTTOM OF STEP |
| TW | TOP OF WALL | BW | BOTTOM OF WALL |
| PC | POINT OF CURVATURE | PS | PARKING SPACE |
| PT | POINT OF TANGENCY | HC | HANDICAPPED PARKING SPACE |
| PI | POINT OF INTERSECTION | TYP | TYPICAL |
| AGIP | AT-GRADE INLET PROTECTION | CIP | CURB INLET PROTECTION |
| COIP | COMBINATION INLET PROTECTION | ED | EARTH DIKE |
| FB | FILTER BAG | IB | INLET BLOCKING |
| RPS | REMOVABLE PUMPING STATION | SCE | STABILIZED CONSTRUCTION ENTRANCE |
| SFD | SUPER FENCE DIVERSION | SIP | STANDARD INLET PROTECTION |
| SP | SUMP PIT | SSF | SUPER SILT FENCE |
| TS | TEMPORARY SWALE | TSOS | TEMPORARY STONE OUTLET STRUCTURE |

*PROPOSED MEANS WORK INCLUDED IN THE BASE CONTRACT UNLESS ACCOMPANIED BY THE PHRASES "N.I.C." OR "BY OTHERS."

23. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES): IF REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL THE PROVISIONS AND REQUIREMENTS OF THE NPDES PERMIT. THE PERMIT HAS BEEN APPLIED FOR BY THE OWNER, BUT NO LAND DISTURBANCE IS PERMITTED UNTIL THE NPDES PERMIT HAS BEEN ISSUED.
24. ALL SIDEWALKS, PATHS AND OTHER PAVED AREAS SHALL BE FINISH GRADED WITH A MAXIMUM LONGITUDINAL SLOPE OF 5% (1:20) AND A MAXIMUM CROSS SLOPE OF 2% (1:50) UNLESS OTHERWISE NOTED.
25. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL SITE ELEMENTS ARE CONSTRUCTED IN ACCORDANCE WITH THE ADA 2010 STANDARDS FOR ACCESSIBLE DESIGN OR MOST CURRENT.
26. TO THE EXTENT THAT QUANTITIES MAY BE LISTED ON THESE PLANS, THEY ARE FOR PERMITTING PURPOSES ONLY AND NOT FOR BIDDING PURPOSES. CONTRACTOR SHALL FORM HIS OWN CONCLUSIONS ABOUT THE QUANTITIES OF ALL MATERIALS AND OPERATIONS NECESSARY TO COMPLETE THE PROJECT.
27. SWM AS-BUILT NOTE: IT IS THE CONTRACTOR'S RESPONSIBILITY, ON BEHALF OF THE OWNER, TO ENGAGE A LICENSED PROFESSIONAL ENGINEER TO CERTIFY THE STORMWATER MANAGEMENT FACILITIES AND TO PREPARE, SUBMIT AND PROCESS AS-BUILT DRAWINGS WITH THE AUTHORITIES HAVING JURISDICTION.

INSPECTION SEQUENCE NOTES

1. CONTRACTOR SHALL NOTIFY THE CARROLL COUNTY BUREAU OF PERMITS AND INSPECTIONS AT 410-386-2674, AT LEAST ONE DAY PRIOR TO BEGINNING ANY WORK.
2. SITE COMPLIANCE INSPECTIONS ARE REQUIRED AT THE FOLLOWING STAGES DURING CONSTRUCTION:
- a. PROPOSED STRUCTURES STAKED OUT IN PROPER LOCATIONS AS SHOWN ON THESE PLANS.
- b. PROPOSED FOUNDATIONS INSTALLED FOR ALL BUILDINGS SHOWN ON THESE PLANS.
- c. SUB-GRADE ESTABLISHED FOR ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
- d. COMPLETION OF ALL DRIVES, PARKING LOTS, AND SURROUNDING GRADING.
- e. COMPLETION OF ALL WORKS SHOWN ON PLANS.
3. CONTRACTOR SHALL NOTIFY CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT, ENVIRONMENTAL INSPECTION SERVICES DIVISION AT 410-386-2210 PRIOR TO BEGINNING ANY WORK. ALL FOREST CONSERVATION PLAN DEVICES MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION.
4. FINAL LANDSCAPING INSPECTION SHALL BE ARRANGED THROUGH BUREAU OF RESOURCE MANAGEMENT ENVIRONMENTAL INSPECTION SERVICES DIVISION AT 410-386-2210 BY THE CONTRACTOR/DEVELOPER OR AGENT. WRITTEN APPROVAL FROM THE LANDSCAPE REVIEW SPECIALIST, BUREAU OF RESOURCE MANAGEMENT, MUST BE OBTAINED FOR ANY DEVIATIONS FROM THE LANDSCAPING OR FOREST CONSERVATION PLANS FOR MODIFICATIONS IN THE PLANT MATERIALS.
5. THE CONTRACTOR SHALL NOT PROCEED TO THE NEXT PHASE OF CONSTRUCTION UNTIL GIVEN APPROVAL OF PRIOR PHASES.



PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS



CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO.: 631358	
DATE:	
	REVISIONS
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

GENERAL NOTES

COUNTY FILE NUMBER:
S-23-0029

C002

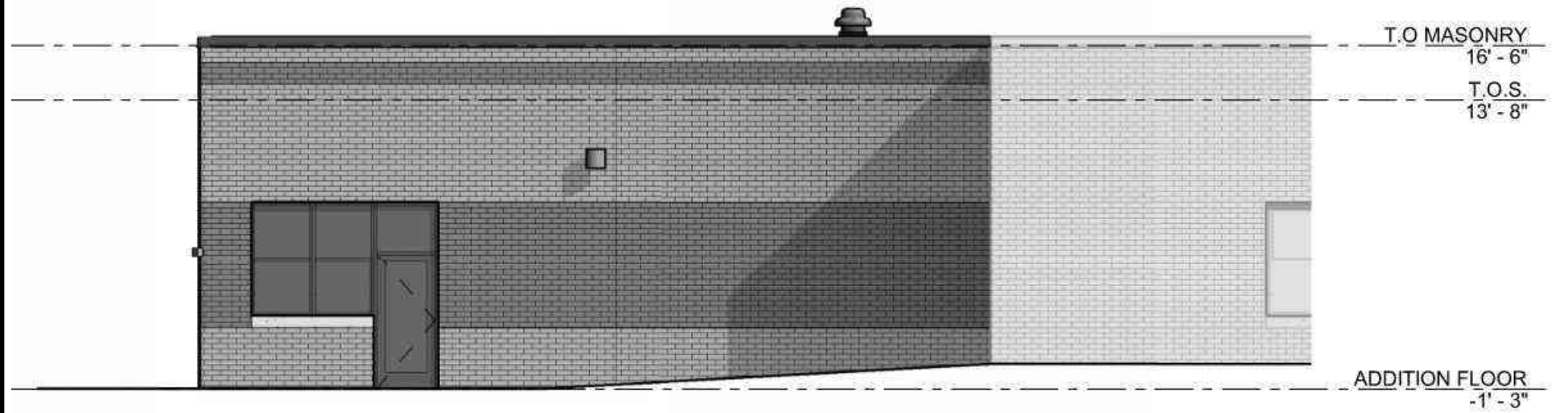
SHEET 2 OF 16

MOSELEYARCHITECTS

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MOSELEYARCHITECTS.COM

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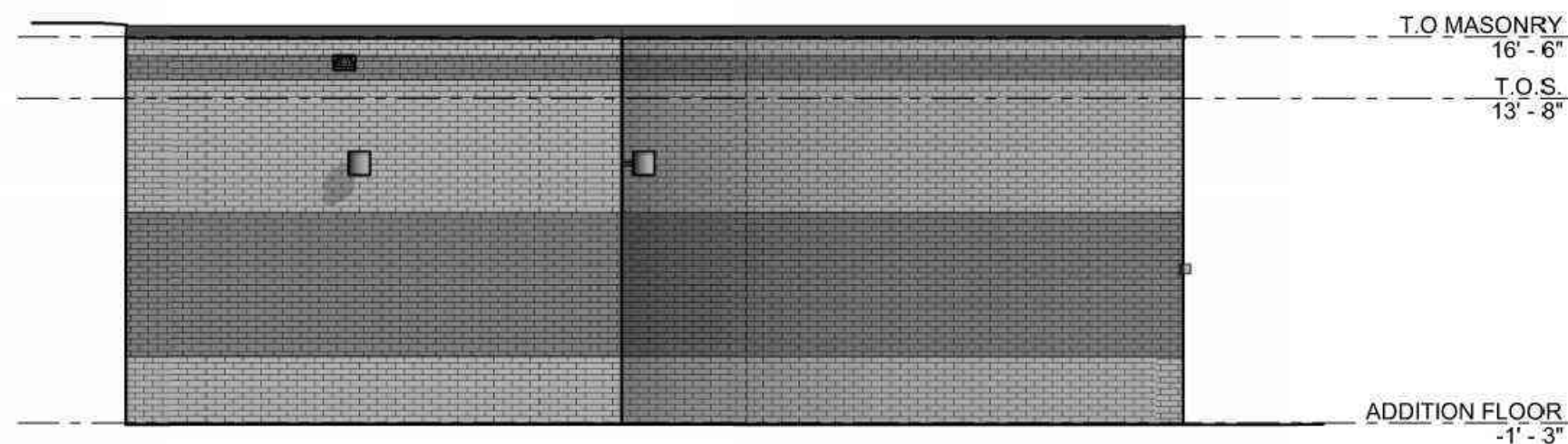
1 WEST ELEVATION

A2.1 A4.1.1 1/8" = 1'-0"



2 EAST ELEVATION

A2.1 A4.1.1 1/8" = 1'-0"



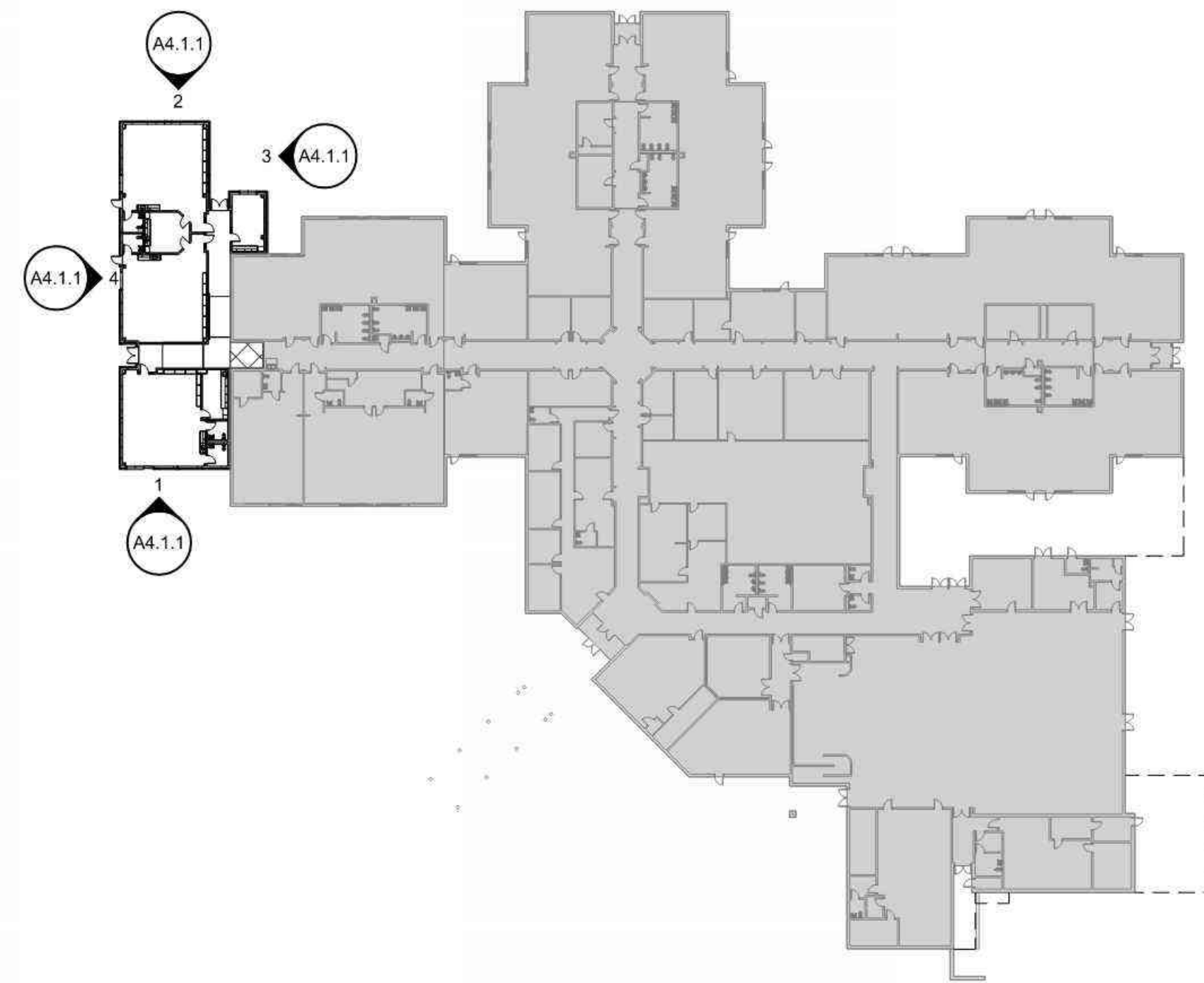
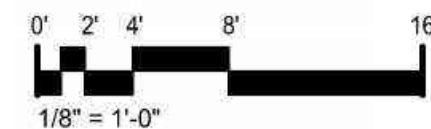
3 SOUTH ELEVATION

A2.1 A4.1.1 1/8" = 1'-0"



4 NORTH ELEVATION

A2.1 A4.1.1 1/8" = 1'-0"



KEY PLAN

GENERAL NOTES

- MASONRY BOND PATTERN SHALL BE RUNNING BOND UNLESS OTHERWISE INDICATED. REFER TO DETAILS FOR MASONRY PATTERNS, BONDING, SPECIAL SHAPES AND MORTAR COLOR PATTERNS.
- MASONRY EXPOSED TO VIEW AT FINISH GRADE SHALL MATCH VENEER (NO EXPOSED CMU). REFER TO STRUCTURAL DRAWINGS FOR TOP OF FOOTING ELEVATIONS.
- PROVIDE SEALANT AT ALL INTERSECTIONS OF DISSIMILAR MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS. ALL EXTERIOR SEALANTS TO BE A CUSTOM COLOR SELECTED BY THE ARCHITECT. MORE THAN ONE SEALANT COLOR MAY BE SELECTED FOR USE ALONG THE HEIGHT OF THE SAME JOINT TO MATCH ADJOINING MASONRY OR MORTAR.
- ALL EXPOSED EXTERIOR METAL TO BE UNPAINTED GALVANIZED UNLESS OTHERWISE INDICATED.
- REFER TO SHEET A.02 FOR TYPICAL EXTERIOR CONTROL JOINT DETAILS AND NOTES.
- REFER TO A3 SERIES DRAWINGS FOR WINDOW, DOOR AND LOUVER SCHEDULES AND INFORMATION.
- ALL THROUGH-WALL OPENINGS SUCH AS VENTS AND LOUVERS SHALL MATCH COLOR OF SURROUNDING BUILDING MATERIAL, TYP.
- REFER TO FIRE PROTECTION, PLUMBING AND CIVIL DRAWINGS FOR FIRE DEPARTMENT CONNECTION LOCATION & UTILITIES.
- BRICK TYPE 1 AT ALL WALLS U.O.N.

BUILDING ELEVATION KEYNOTES

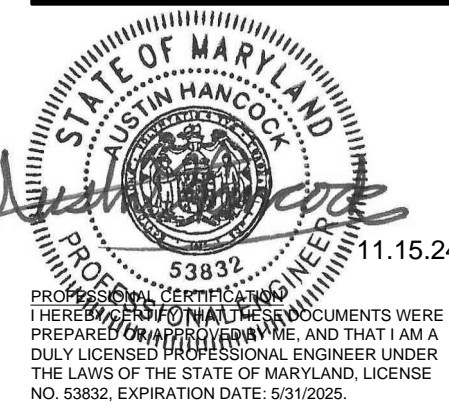
REPRESENTED BY n
APPLIES TO DRAWINGS A4.1.1

- | | |
|----|--|
| 1 | BRICK TYPE 1. COLOR 1 |
| 2 | BRICK TYPE 2. COLOR 2 |
| 3 | COPING COLOR TO MATCH ETR COPING COLOR. |
| 4 | PRE -CAST CONCRETE SILL |
| 5 | CONTROL JOINT |
| 6 | WALL PACK, MOUNTED AT 12'-0" O.C. SEE ELECTRICAL SHEETS FOR MORE INFORMATION |
| 7 | NEW MECHANICAL EQUIPMENT. SEE MECHANICAL SHEETS FOR MORE INFORMATION |
| 8 | FRAME TYPES AND COLOR TO MATCH EXISTING. TYP. |
| 9 | NEW DOUBLE DOOR. SEE SHEETS A3.1 FOR MORE INFORMATION |
| 10 | SCUPPER |

COUNTY FILE NUMBER:
S-23-0029

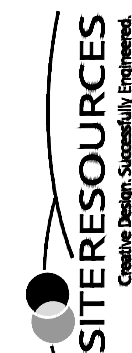
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PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS



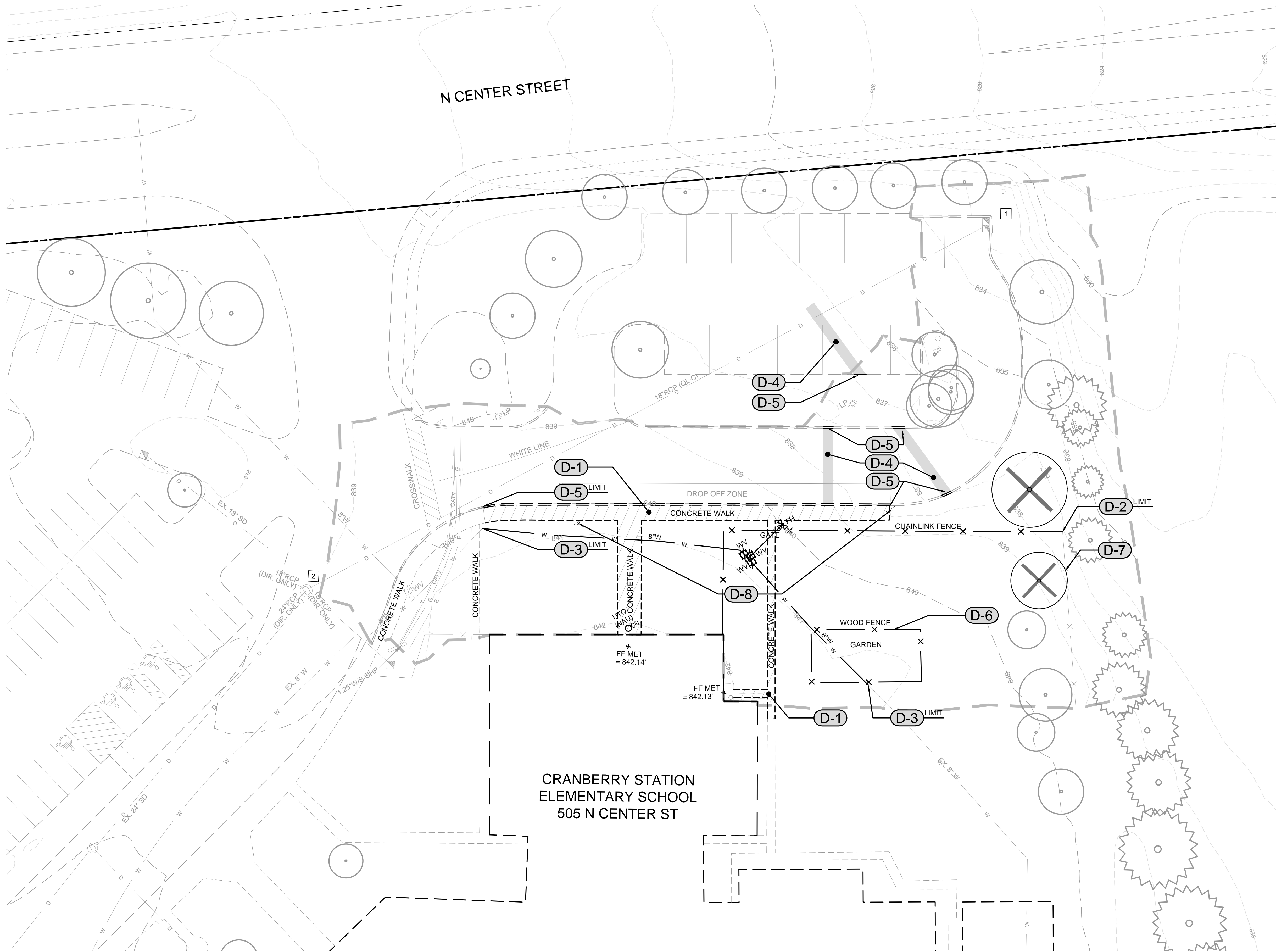
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358
DATE:
REVISIONS
DATE DESCRIPTION
9/27/24 CD PROGRESS SET
10/25/24 95% CD SET

ADDITION BUILDING
ELEVATION

C003

SHEET 3 OF 16



SURVEY NOTES

INFORMATION REFLECTED ON THIS PLAN WAS TAKEN FROM THE FOLLOWING SOURCE:
- TOPOGRAPHIC SURVEY DONE BY DIETZ SURVEYING INC. TITLED "CRANBERRY STATION ELEMENTARY SCHOOL", DATED 12/18/2023

COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND COORDINATE SYSTEM, NAD 83-2011, AS ESTABLISHED BY GPS OBSERVATION. THE COMBINED FACTOR IS 0.99997699.

ELEVATIONS AND CONTOURS SHOWN HEREON ARE BASED ON THE NAVD-88 VERTICAL DATUM.

ALL VISIBLE UTILITIES HAVE BEEN LOCATED. NO COMPARISON TO ANY PLANS HAS BEEN MADE. PIPE SIZE, TYPE AND DIRECTION MUST BE VERIFIED BEFORE CONSTRUCTION.

PHASING NOTE

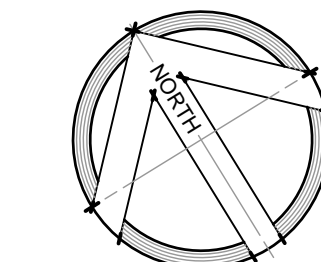
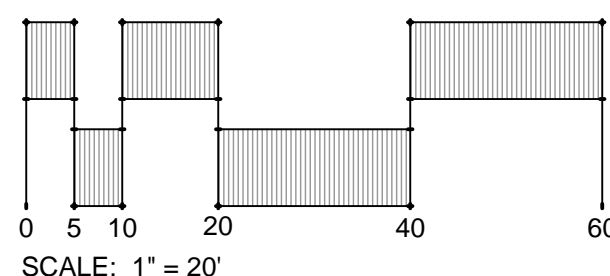
ALL WORK AND PHASING SHALL BE COORDINATED WITH CCPS TO ENSURE THAT CONSTRUCTION DOES NOT DISRUPT NORMAL OPERATIONS OF EXISTING ELEMENTARY SCHOOL.

SITE CONTROL COORDINATE TABLE				
PT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	694770.0800	1318376.6920	842.71	TR B+C
2	694835.6780	1318596.2780	839.15	TR B+C SET
3	694946.6670	1318475.8160	842.74	TR B+C SET
10	694634.6940	1318788.7530	840.11	TR NS

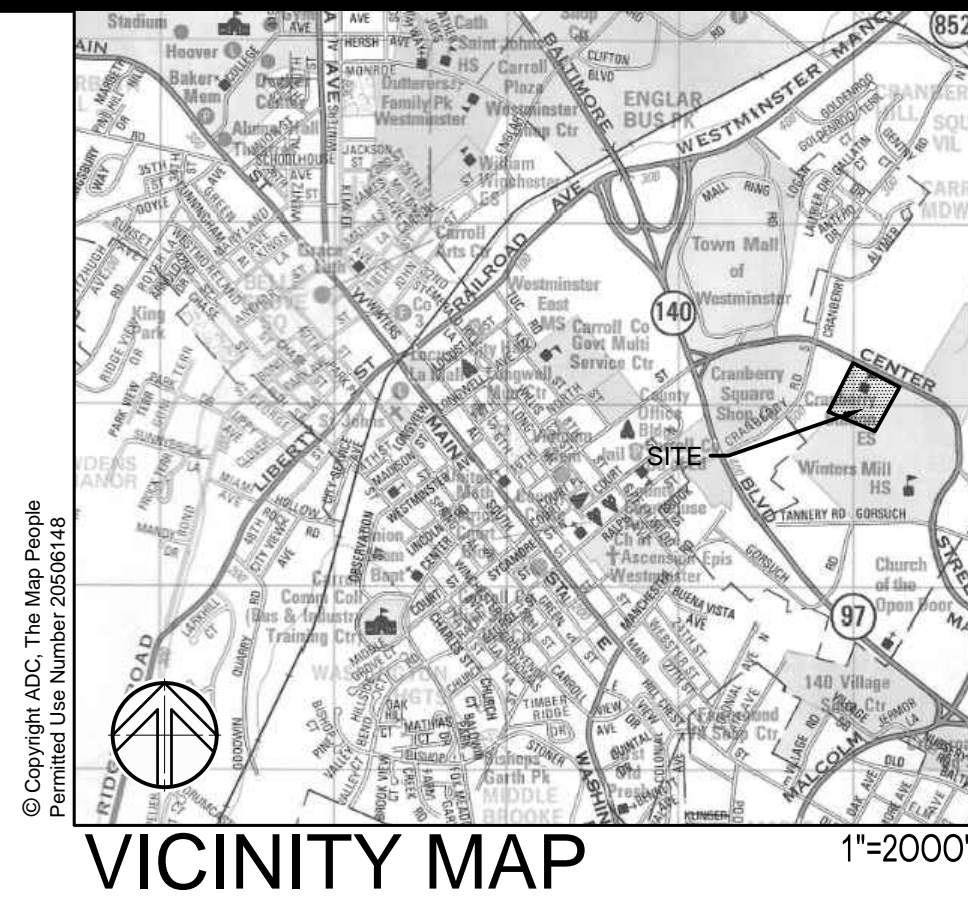
DEMOLITION NOTES

- D-1** REMOVE CONCRETE SIDEWALK TO THE NEAREST JOINT. SAW CUT CLEANLY AT LIMIT OF REMOVAL.
- D-2** REMOVE FENCE.
- D-3** REMOVE WATER LINE.
- D-4** SAW CUT AT LIMITS SHOWN AND REMOVE ASPHALT PAVING AND BASE MATERIAL.
- D-5** SAW CUT AT NEAREST JOINT BEYOND LIMITS SHOWN AND REMOVE CURB AND BASE MATERIAL.
- D-6** REMOVE GARDEN FENCE AND PLANTING AREA. REPLACE WITH APPROVED COMPACTED FILL.
- D-7** REMOVE TREES, STUMPS, AND MAJOR ROOTS. REPLACE WITH APPROVED COMPACTED FILL. (TYP.)
- D-8** SALVAGE SIGN AND STORE ON SITE FOR REINSTALLATION PER OWNER'S INSTRUCTION

STORM DRAIN STRUCTURE DATA:				
1	SD INLET	TOP	833.19	
	18" RCP	INVERT OUT	829.69	W
2	SD MANHOLE	TOP	839.17	
	18" RCP	INVERT IN	832.20	NW
	18" RCP	INVERT IN	828.02	E
	18" RCP	INVERT IN	832.33	S
	24" RCP	INVERT OUT	826.90	SW



COUNTY FILE NUMBER:
S-23-0029



LEGEND

- PROPERTY LINE
 - TOPO SURVEY LIMITS
 - EXISTING BUILDING TO REMAIN
 - EXISTING WALK TO BE REMOVED
 - EXISTING ROAD TO REMAIN
 - EXISTING CURB TO REMAIN
 - EXISTING CURB TO BE REMOVED
 - EXISTING ASPHALT PAVING TO BE REMOVED
 - EXISTING CONCRETE PAVING TO BE REMOVED
 - EXISTING FENCE TO REMAIN
 - EXISTING FENCE TO BE REMOVED
 - EXISTING SIGN TO REMAIN
 - EXISTING TREES TO REMAIN
 - EXISTING TREES TO BE REMOVED
 - EXISTING STORM DRAIN TO REMAIN
 - EXISTING WATER TO REMAIN
 - EXISTING WATER TO BE REMOVED
 - EXISTING GAS TO REMAIN
 - EXISTING TELEPHONE TO REMAIN
 - EXISTING ELECTRIC TO REMAIN
 - EXISTING LIGHTING TO REMAIN
 - EXISTING CABLE TV TO REMAIN
 - EXISTING CONTOURS
- EX. 15" SD
EX. 6" W
EX. 6" W
EX. 2" GAS
EX. TELE
EX. ELEC
EX. CATV

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Creating Maps - Inspiring Progress

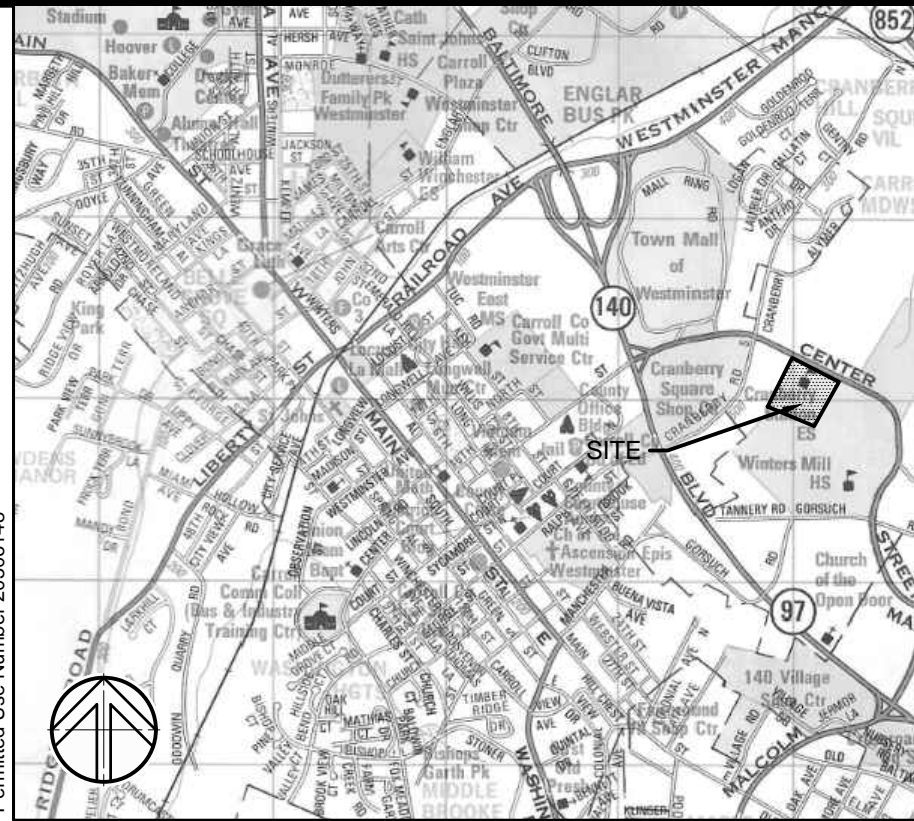
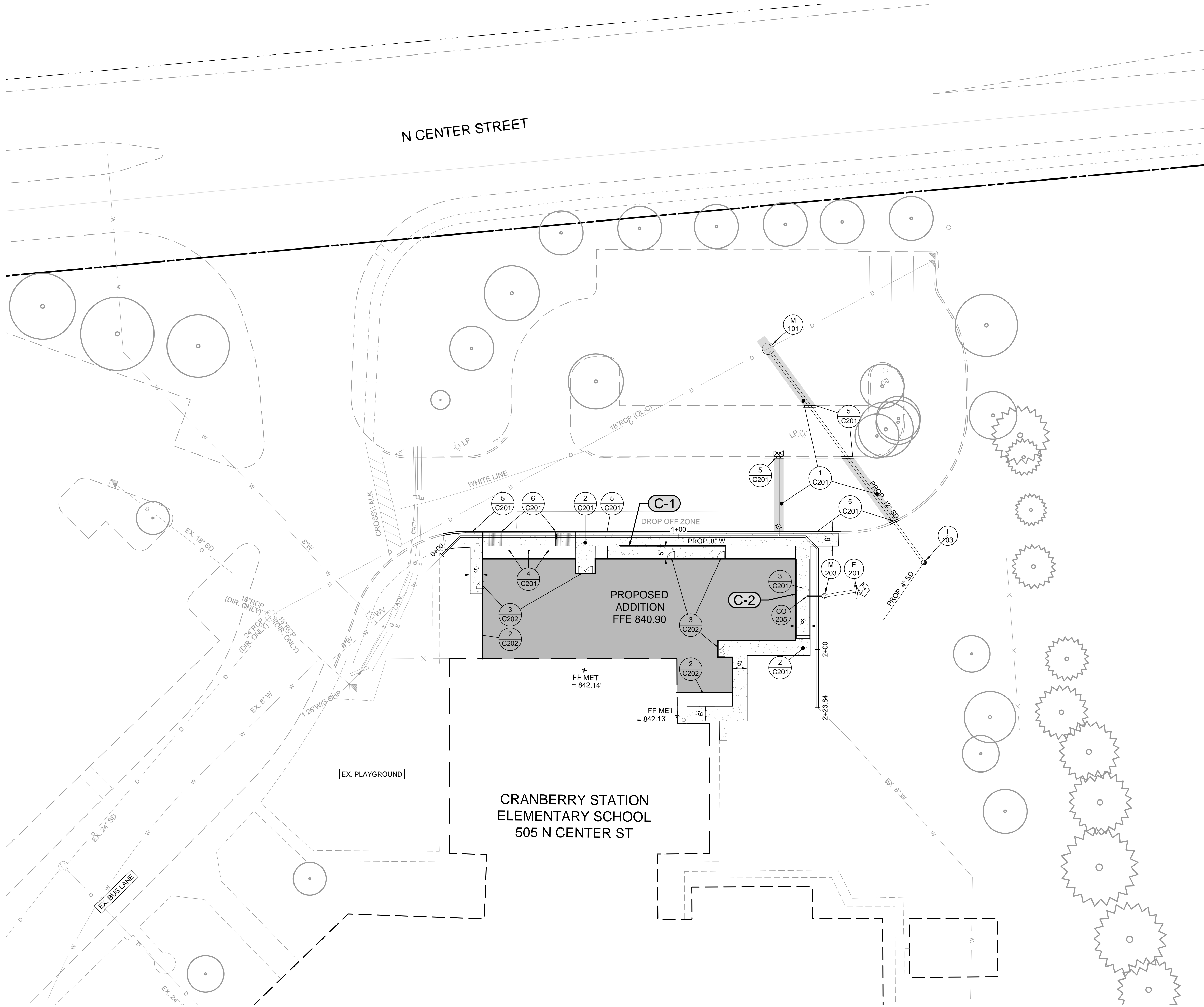
**CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS**

**CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157**

PROJECT NO. 631358	
DATE:	
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

**EXISTING
CONDITIONS &
DEMOLITION PLAN**

C101



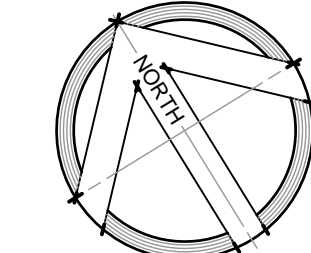
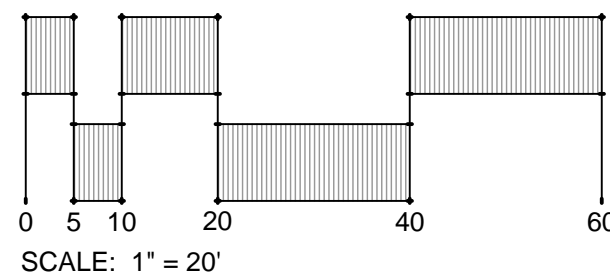
VICINITY MAP

LEGEND

- PROPERTY LINE
- EXISTING BUILDING
- EXISTING WALK
- EXISTING ROAD
- EXISTING CURB
- EXISTING FENCE
- EXISTING TREES
- EXISTING SHRUBS
- EXISTING STORM DRAIN
- EXISTING WATER
- EXISTING SANITARY SEWER
- EXISTING TELEPHONE
- EXISTING ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING LIGHTING
- PROPOSED BUILDING
- PROPOSED BUILDING OVERHANG
- PROPOSED CONCRETE WALK
- PROPOSED BITUMINOUS PAVING
- PROPOSED CURB
- PROPOSED FENCE
- PROPOSED SIGN
- PROPOSED STORM DRAIN
- PROPOSED WATER

CONSTRUCTION NOTES

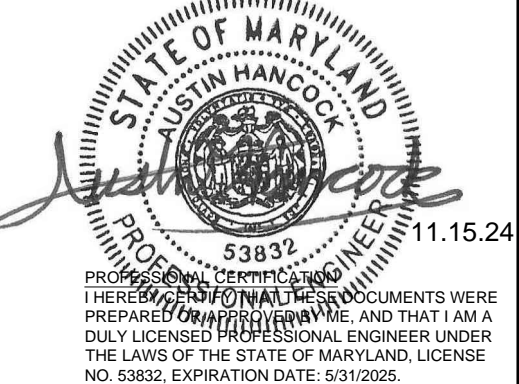
- C-1 SAFETY RAILING AND SIDEWALK. SEE DETAIL 2, SHEET C202
- C-2 CONTRACTOR SHALL ENSURE NO SPACE GREATER THAN 4" OR LESS THAN 1.5" BETWEEN BUILDING AND HANDRAIL



COUNTY FILE NUMBER:
S-23-0029

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CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

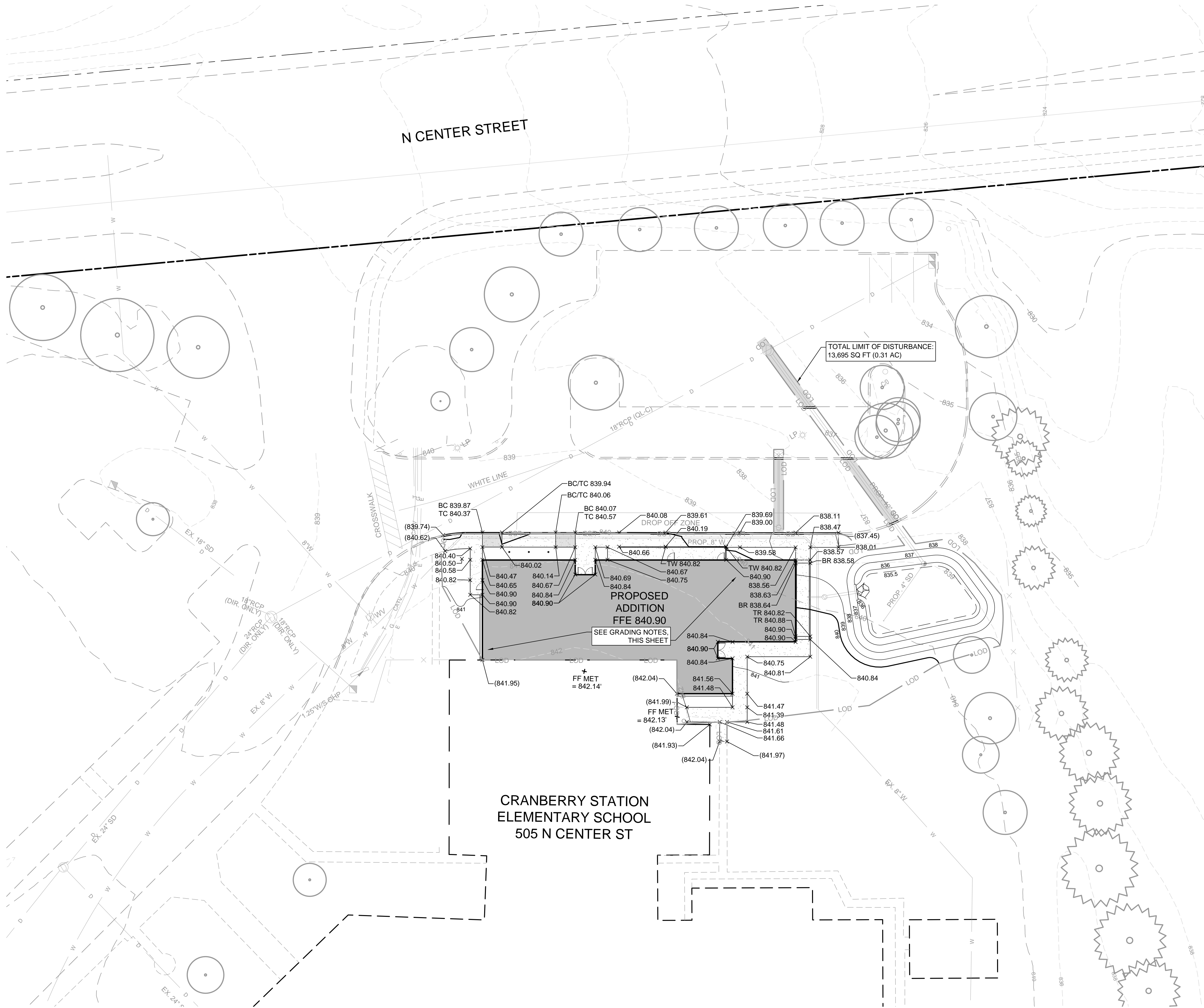
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358	DATE:
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

LAYOUT & UTILITY
PLAN

C111

SHEET 5 OF 16



LEGEND

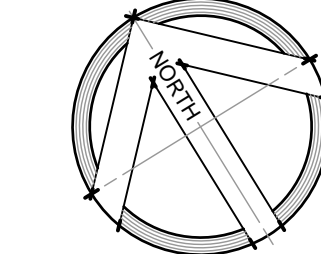
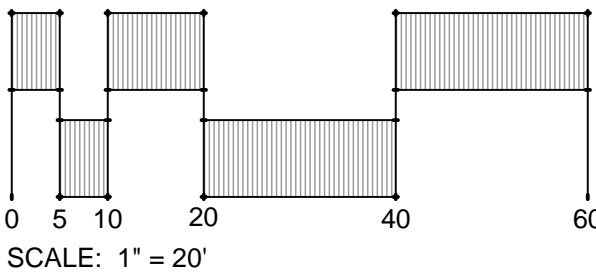
	PROPERTY LINE
	EXISTING BUILDING
	EXISTING WALK
	EXISTING ROAD
	EXISTING CURB
	EXISTING FENCE
	EXISTING TREES
	EXISTING SHRUBS
	EXISTING STORM DRAIN
	EXISTING WATER
	EXISTING SANITARY SEWER
	EXISTING TELEPHONE
	EXISTING ELECTRIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING LIGHTING
	EXISTING CONTOURS
	PROPOSED BUILDING
	PROPOSED BUILDING OVERHANG
	PROPOSED CONCRETE WALK
	PROPOSED BITUMINOUS PAVING
	PROPOSED CURB
	PROPOSED FENCE
	PROPOSED SIGN
	PROPOSED STORM DRAIN
	PROPOSED WATER
	PROPOSED CONTOURS

GRADING NOTES

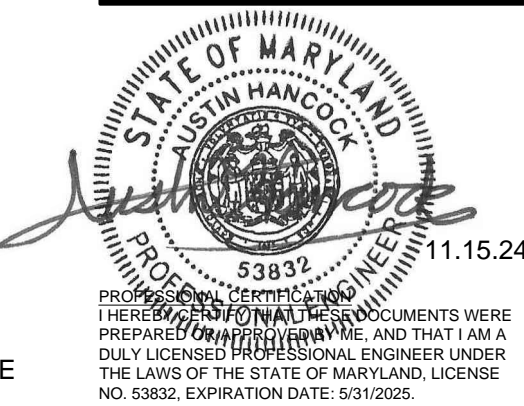
- 1) AS PART OF THE BASE BID, THE CONTRACTOR SHALL EXCAVATE TWO AND A HALF FEET (2.5') BELOW EXISTING GRADES AND DISPOSE OF UNSATISFACTORY SOILS ON-SITE IN A LOCATION DETERMINED BY THE OWNER'S REPRESENTATIVE. THIS EXCAVATION SHALL ALSO EXTEND FIVE FEET (5') OUTWARD THE PERIMETER OF THE BUILDING ADDITION.
- 2) MEANS AND METHODS FOR TRANSPORTING AND DISPOSING UNSATISFACTORY SOILS, AND ROCK IF ENCOUNTERED, SHALL BE IN ACCORDANCE WITH THE "CARROLL COUNTY STANDARD EROSION AND SEDIMENT CONTROL PLAN" FOR THIS PROJECT, AS APPROVED IN THE FIELD BY THE GRADING AND SEDIMENT CONTROL INSPECTOR.
- 3) THE GEOTECHNICAL ENGINEER SHALL MONITOR THE PROGRESS OF THE EXCAVATION, AND SHOULD EXCAVATION OPERATIONS ENCOUNTER SATISFACTORY SOILS, THE GEOTECHNICAL ENGINEER MAY TERMINATE EXCAVATION IN THOSE APPLICABLE AREAS.
- 4) THE CONTRACTOR SHALL PREPARE AND SUBMIT WRITTEN RECORDS SUBSTANTIATING THE QUANTITY IN CUBIC YARDS (C.Y.) OF UNSATISFACTORY SOILS REMOVED AND DISPOSED ON-SITE, AND THE QUANTITY IN CUBIC YARDS (C.Y.) OF SATISFACTORY SOILS IMPORTED TO THE PROJECT SITE USED TO REPLACE UNSATISFACTORY SOILS, BASED UPON THE UNIT PRICES THE CONTRACTOR SUBMITTED IN THE BID FORM.
- 5) IF SATISFACTORY SOILS ARE ENCOUNTERED IN THE AREA DESIGNATED IN NOTE #1 ABOVE FOR THE BASE BID, THE OWNER SHALL BE CREDITED, BASED UPON THE BID FORM UNIT PRICES, FOR THE TOTAL VOLUME OF EXCAVATION NOT PERFORMED FOR THE REMOVAL AND ON-SITE DISPOSAL OF UNSATISFACTORY SOILS.

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED, SPOT ELEVATIONS AT CURBS ARE FOR BOTTOM OF CURB.



COUNTY FILE NUMBER:
S-23-0029



PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS



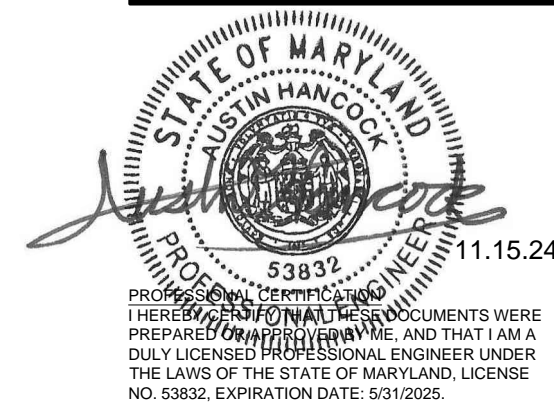
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358
DATE:
REVISIONS
DATE DESCRIPTION
9/27/24 CD PROGRESS SET
10/25/24 95% CD SET

GRADING PLAN

C121

SHEET 6 OF 16



PSC #06.046



CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

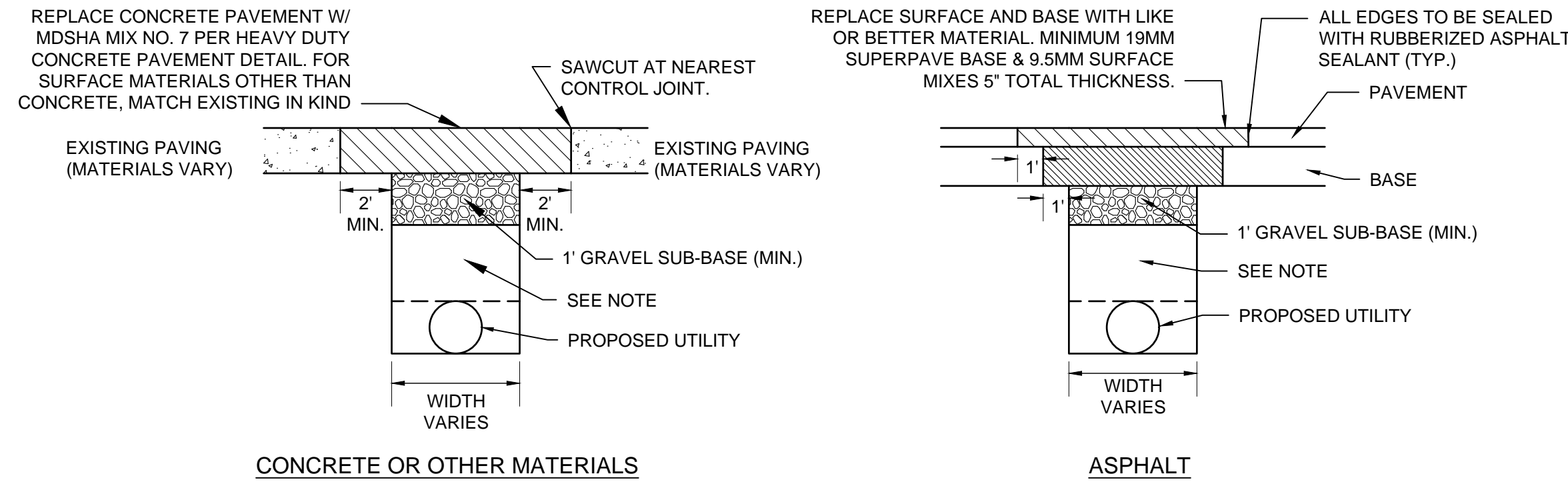
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358	
DATE:	
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

SITE DETAILS

COUNTY FILE NUMBER:
S-23-0029

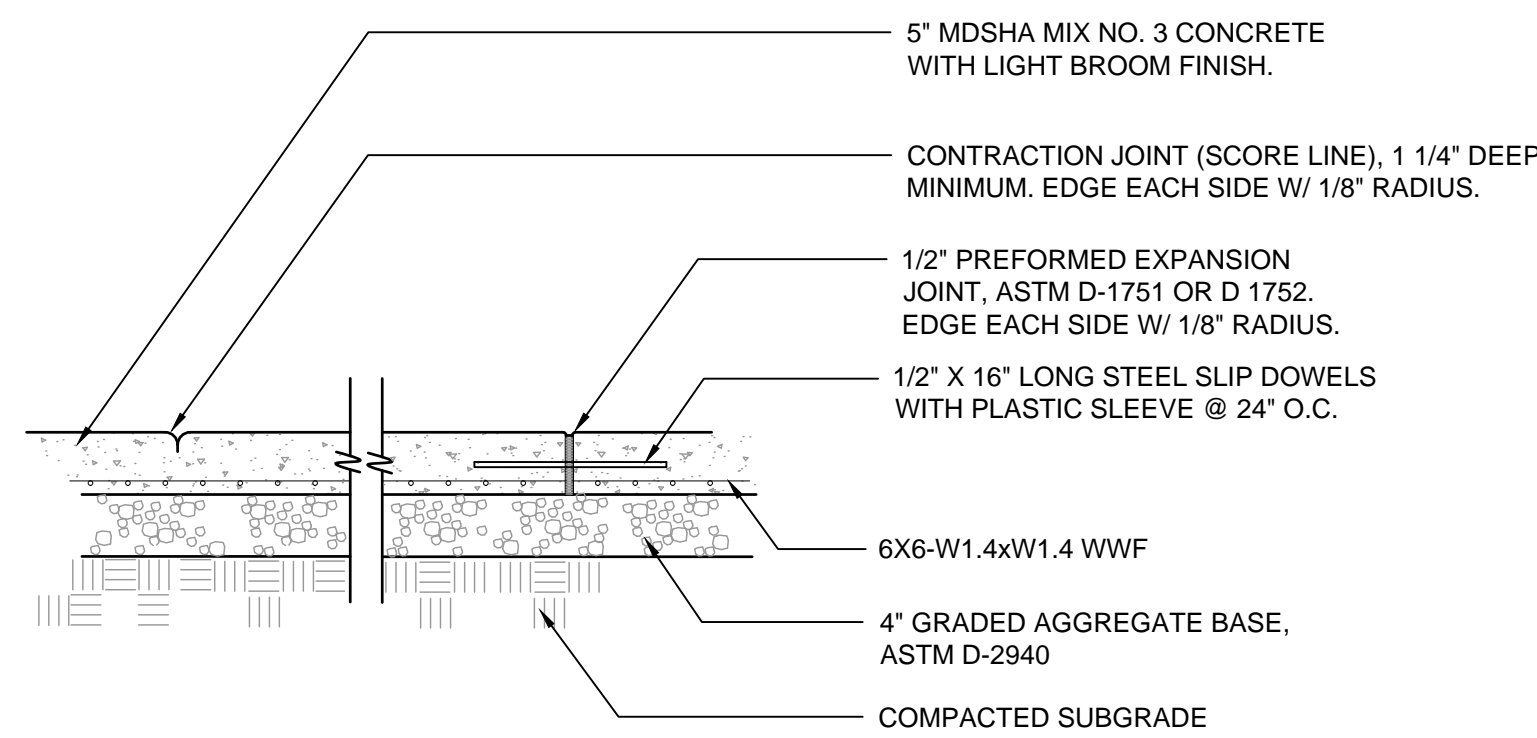
C201
SHEET 7 OF 16



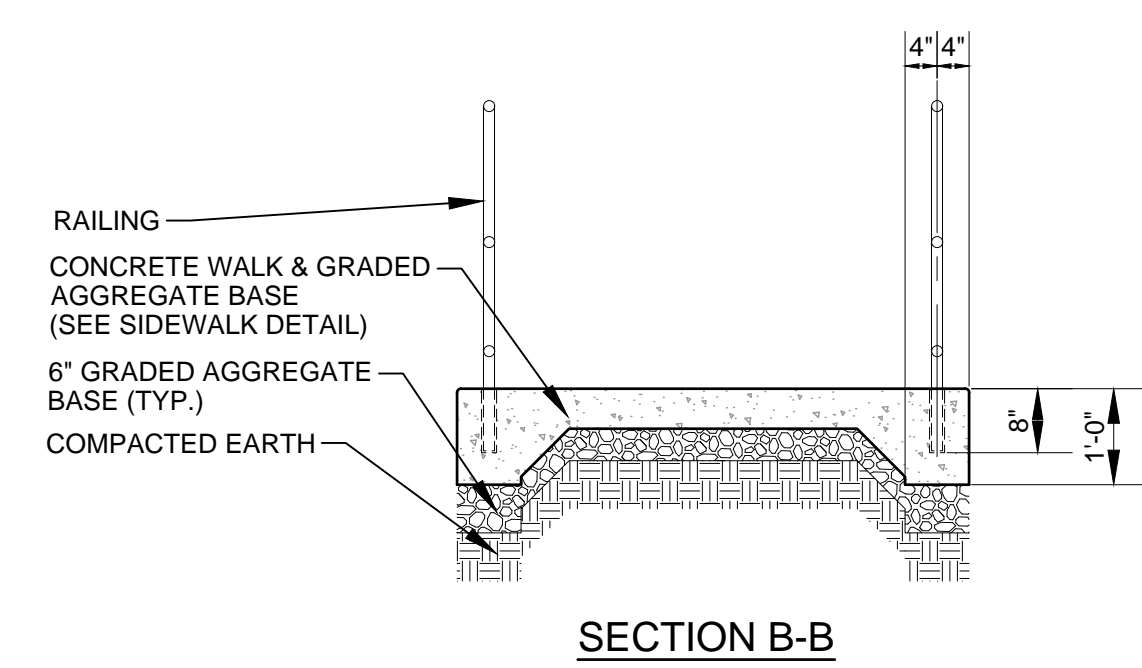
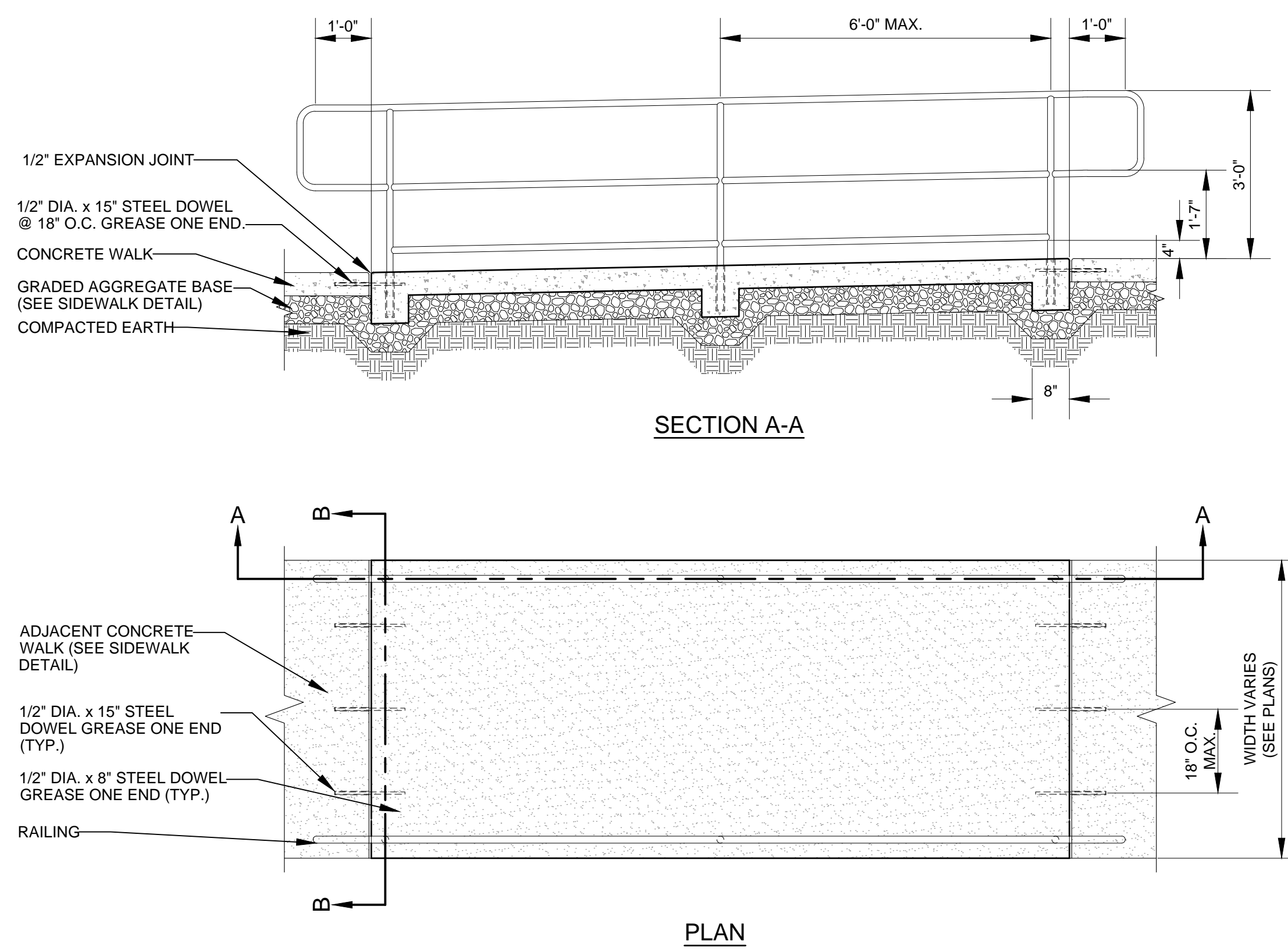
NOTE:
BACKFILL IN TRENCHES SHALL BE IN ACCORDANCE WITH MDSHA SPECIFICATIONS AND SHALL BE THOROUGHLY COMPACTED IN 6" LAYERS FOR THE FULL DEPTH OF THE TRENCHES BY TAMPING OR BY SOME OTHER APPROVED METHOD TO WITHIN 1" OF THE TOP OF SUBGRADE. THE REMAINING DEPTH OF THE TRENCH SHALL BE FILLED WITH THOROUGHLY COMPACTED CRUSHED STONE, SLAG OR GRAVEL. WHENEVER SHEETING OR SHORING IS REQUIRED TO PREVENT CAVE-INS OR BELLING DUE TO THE DEPTH OF THE TRENCH OR TYPE OF MATERIAL ENCOUNTERED, THE SHEETING, WHEREVER FOUND NECESSARY, SHALL REMAIN IN PLACE BUT CUT OFF 1' BELOW THE BOTTOM OF THE REPLACED SURFACING. ALL BACKFILL REPLACED SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH MDSHA SPECIFICATIONS AND CERTIFIED BY AN APPROVED GEOTECHNICAL TESTING CONTRACTOR. IN LIEU OF CONTROLLED FILL, FLOWABLE FILL IN ACCORDANCE WITH MDSHA SPECIFICATIONS MAY BE UTILIZED.

NOT TO SCALE

1 UTILITY TRENCH PAVING RESTORATION



- NOTES:
1. PLACE EXPANSION JOINTS NOT MORE THAN 20'-25' APART AND AT THE END OF EACH CONTIGUOUS POUR.
 2. PLACE CONTRACTION JOINTS AT INTERVAL MATCHING WIDTH OF SIDEWALK BUT NOT MORE THAN 6' APART.
 3. PROVIDE EXPANSION JOINTS WHERE POUR MEETS EXISTING CONCRETE PAVING OR CURB.
 4. EXPANSION JOINTS TO BE RECESSED 1/4" BELOW SURFACE OF SIDEWALK.
 5. WHEN SIDEWALK ABUTS BACK OF STREET CURB, WALK SHALL BE 1/4" ABOVE TOP OF CURB.
 6. WHEN SIDEWALK ABUTS EXISTING CONCRETE WALK, CORE DRILL AND INSTALL DOWELS PER DETAIL.
 7. MATCH SCORE PATTERN OF ADJACENT SIDEWALK WHERE PRACTICAL.
 8. REFER TO MATERIALS PLAN FOR INTENDED SIDEWALK SCORING LAYOUT.



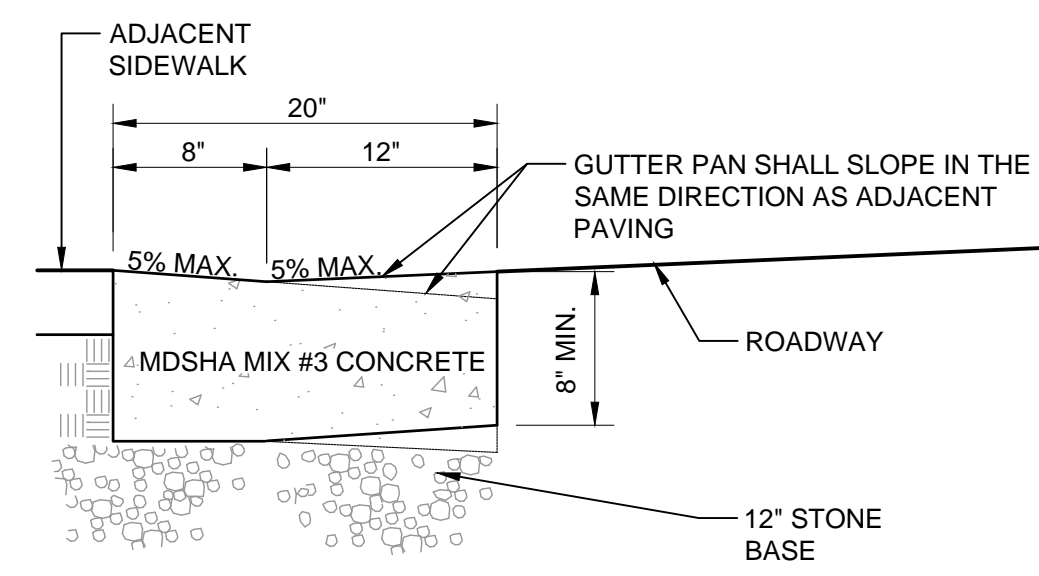
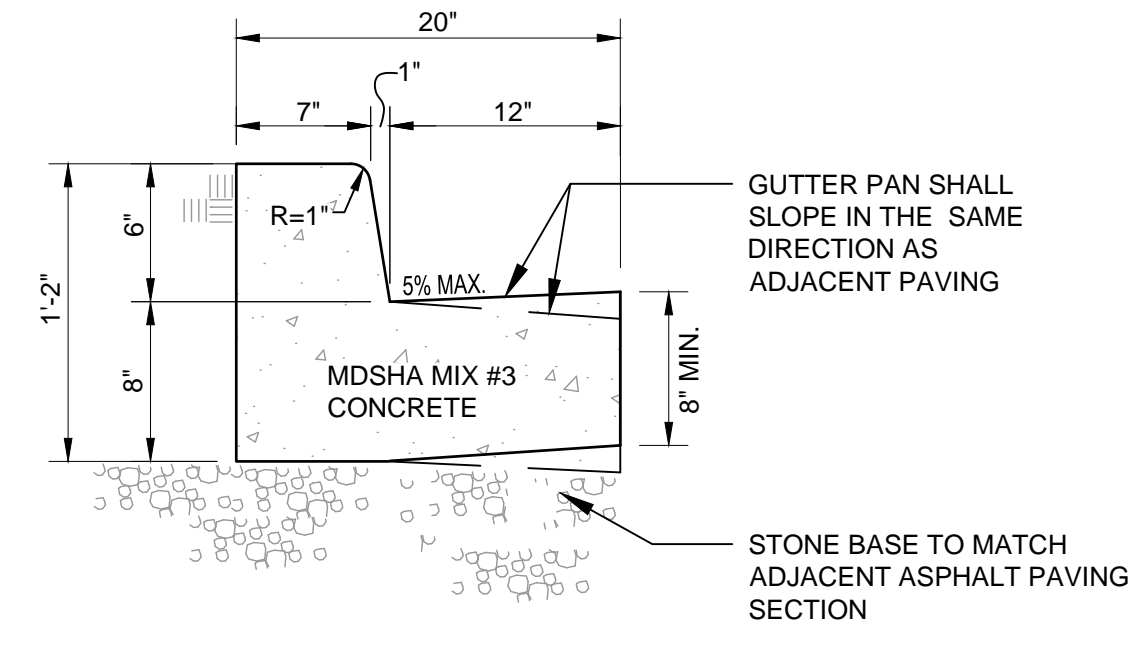
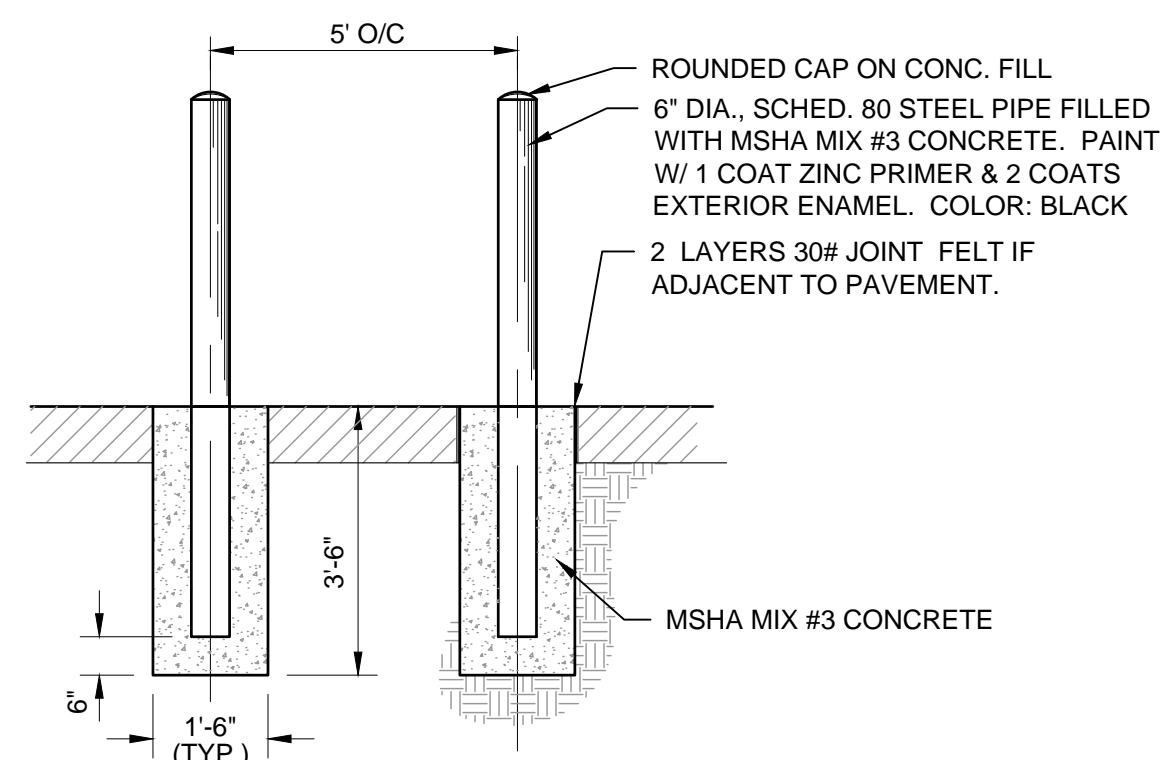
- NOTES:
1. RAILINGS & POST TO BE SHOP FABRICATED OF 1-1/2" O.D. STEEL TUBING WITH ALL JOINTS CONTINUOUSLY WELDED AND GROUND SMOOTH. ASSEMBLY SHALL BE ELECTROCHEMICALLY GALVANIZED AFTER FABRICATION.
 2. TOP OF RAILING TO BE 36" ABOVE WALKING SURFACE.
 3. ALL CONCRETE TO BE SHA MIX NO. 3.
 4. ALL EXPOSED CONCRETE EDGE RADII SHALL BE 1/2".
 5. ALL RAILING EXTERIOR RADII SHALL BE 4".
 6. RAILING POSTS SHALL BE INSTALLED AT A DEPTH OF 8" INTO CONCRETE. CONCRETE SHALL BE CORE DRILLED AND POST SET WITH NON-SHRINK GROUT.
 7. WALKING SURFACE TO RECEIVE LIGHT BRUSHED NON-SLIP FINISH THAT IS PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. (SEE SPECS)
 8. UNLESS OTHERWISE SHOWN ON PLAN, ALL REBAR SHALL HAVE A MINIMUM CLEARANCE OF 3" FROM SURFACE.
 9. EXPANSION AND CONTRACTION JOINTS SHALL BE SPACED IN ACCORDANCE WITH CONCRETE SIDEWALK DETAIL.
 10. ALL EXPANSION JOINTS ON RAMP SHALL BE DOWELED AS SHOWN BELOW.

2 CONCRETE SIDEWALK

NOT TO SCALE

3 CONCRETE RAMP & RAILING

NOT TO SCALE



4 BOLLARD DETAIL

NOT TO SCALE

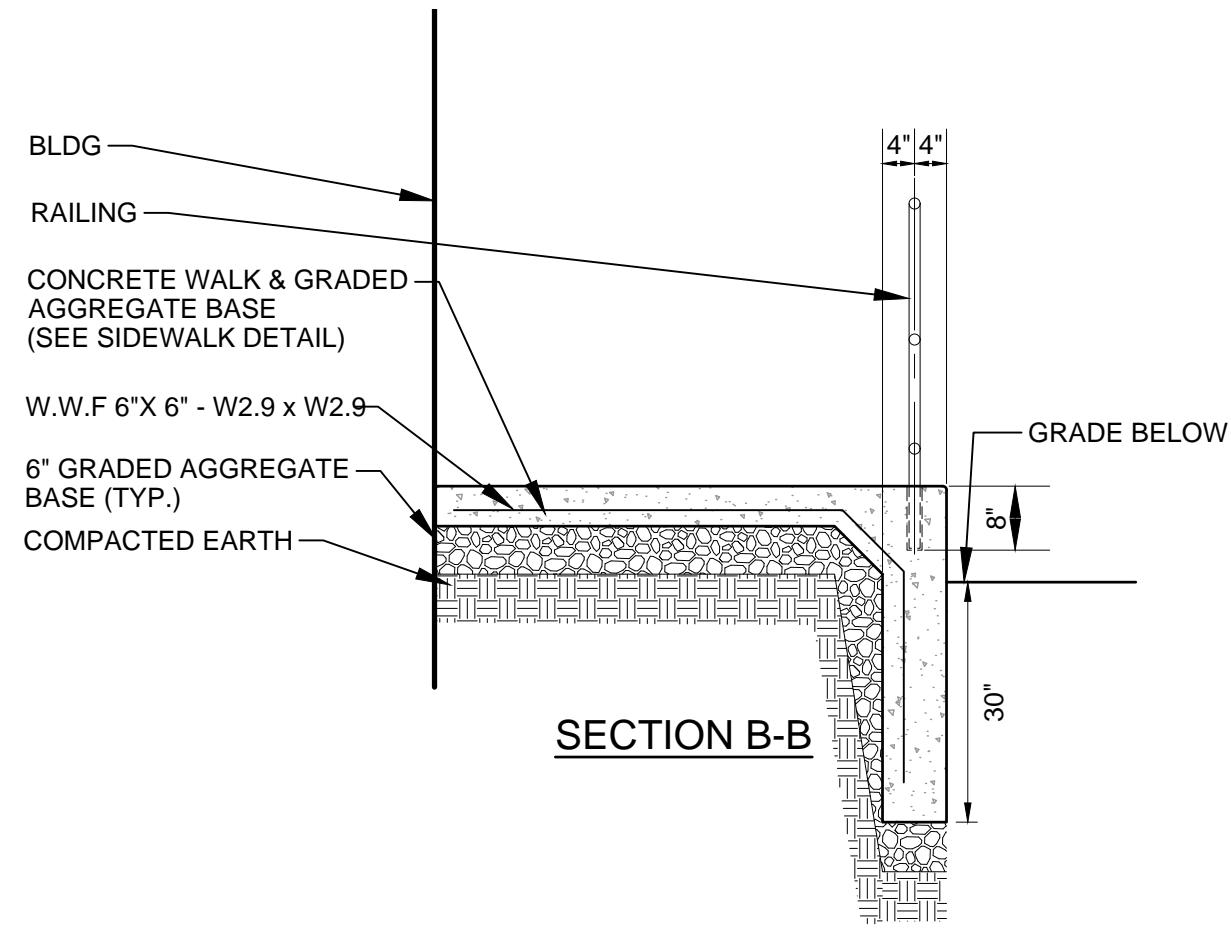
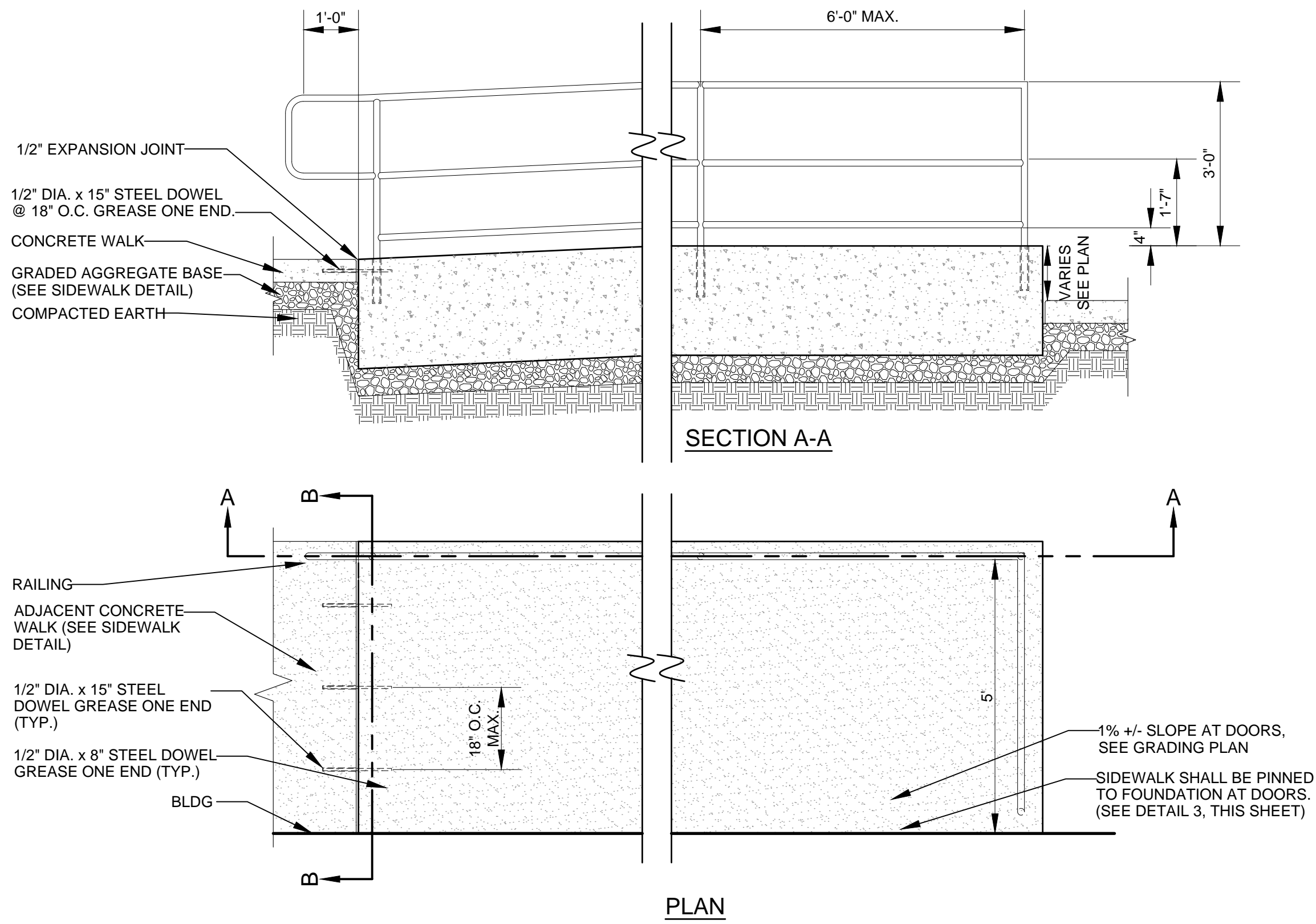
5 CONCRETE CURB

NOT TO SCALE

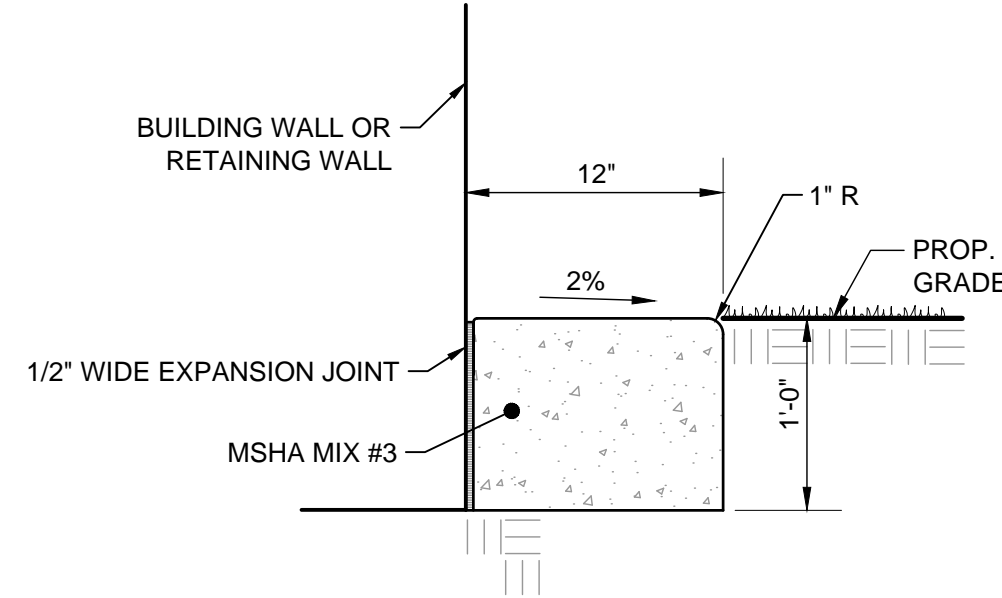
6 FLUSH CURB & GUTTER

NOT TO SCALE

© SITE RESOURCES, INC. Z:\23\23046-CCPS\CRANBERRY STATION ES\04-DWG\201 SITE DETAILS.DWG 11/13/2024 11:03 AM amh



- NOTES:
1. RAILINGS & POST TO BE SHOP FABRICATED OF 1-1/2" O.D. STEEL TUBING WITH ALL JOINTS CONTINUOUSLY WELDED AND GROUND SMOOTH. ASSEMBLY SHALL BE ELECTROCHEMICALLY GALVANIZED AFTER FABRICATION.
 2. TOP OF RAILING TO BE 36" ABOVE WALKING SURFACE.
 3. ALL CONCRETE TO BE SHA MIX NO. 3.
 4. ALL EXPOSED CONCRETE EDGE RADII SHALL BE 1/2".
 5. ALL RAILING EXTERIOR RADII SHALL BE 4".
 6. RAILING POSTS SHALL BE INSTALLED AT A DEPTH OF 8" INTO CONCRETE. CONCRETE SHALL BE CORE DRILLED AND POST SET WITH NON-SHRINK GROUT.
 7. WALKING SURFACE TO RECEIVE LIGHT BRUSHED NON-SLIP FINISH THAT IS PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. (SEE SPECS)
 8. UNLESS OTHERWISE SHOWN ON PLAN, ALL REBAR AND/OR MESH SHALL HAVE A MINIMUM CLEARANCE OF 3" FROM SURFACE.
 9. EXPANSION AND CONTRACTION JOINTS SHALL BE SPACED IN ACCORDANCE WITH CONCRETE SIDEWALK DETAIL.
 10. ALL EXPANSION JOINTS ON RAMP SHALL BE DOWELED AS SHOWN BELOW.



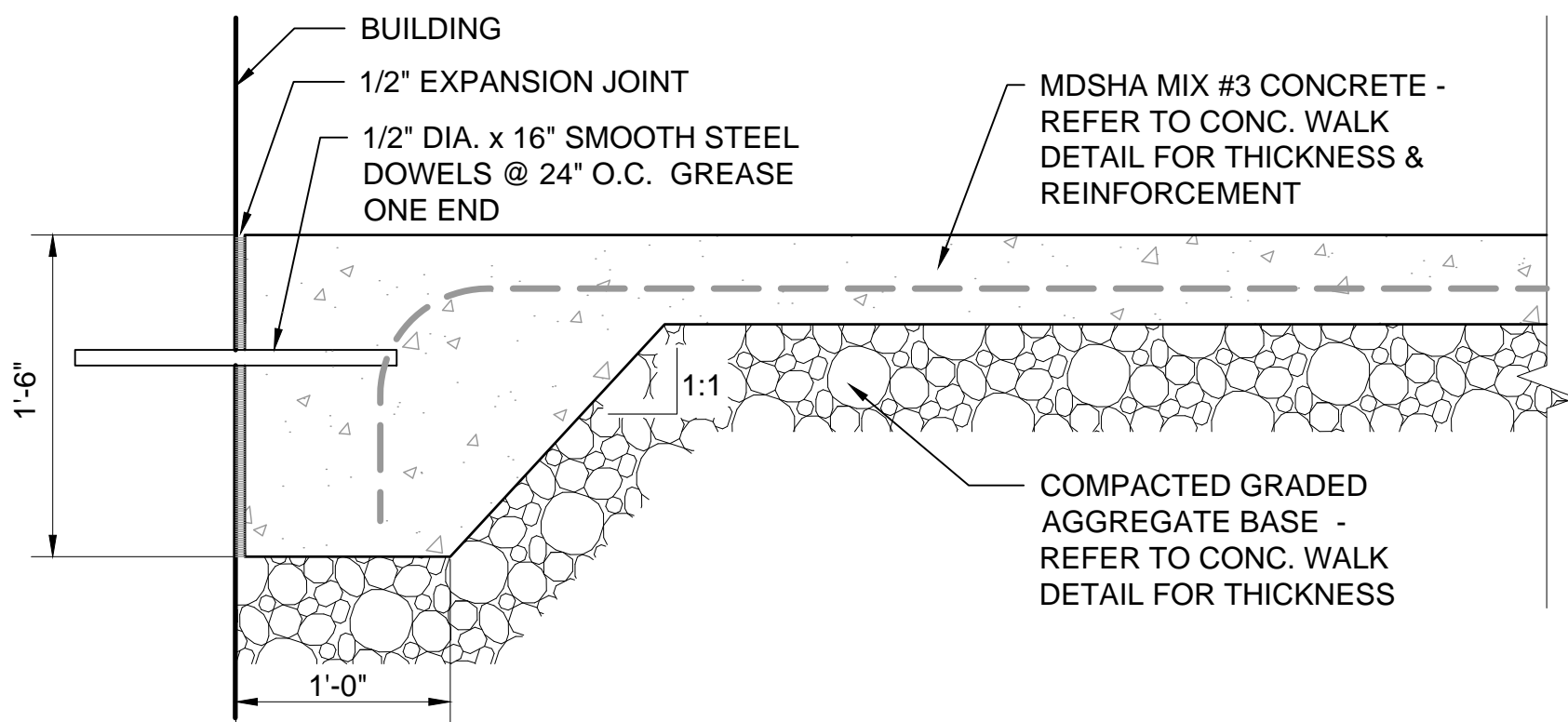
- NOTES:
1. EXPANSION JOINTS SHALL BE PLACED A MAX. OF 20' UNLESS OTHERWISE NOTED.
 2. CONTROL JOINTS SHALL BE SPACED A MAX. OF 5' UNLESS OTHERWISE NOTED.

1 CONCRETE SIDEWALK & RAILING AT BUILDING

NOT TO SCALE

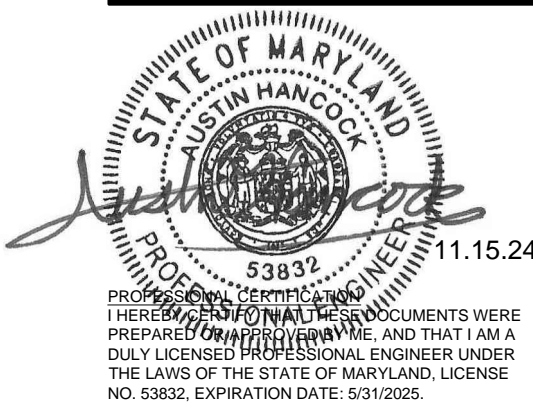
2 CONCRETE MOW STRIP AT BLDG WALL

NOT TO SCALE



3 TURN DOWN SLAB AT BUILDING ENTRANCE

NOT TO SCALE



PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS



CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO: 631358	
DATE:	
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

SITE DETAILS

COUNTY FILE NUMBER:
S-23-0029

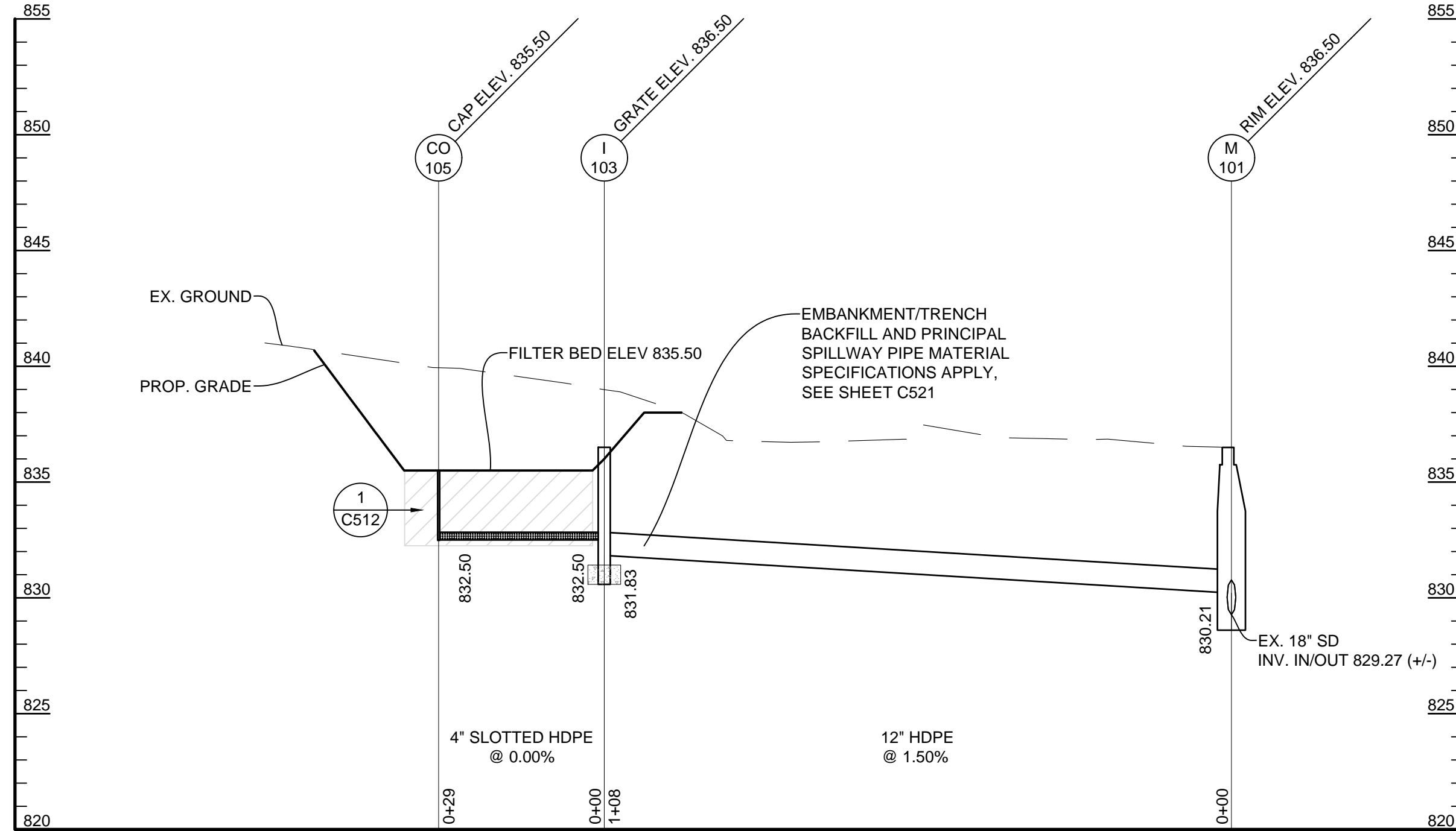
C202

SHEET 8 OF 16

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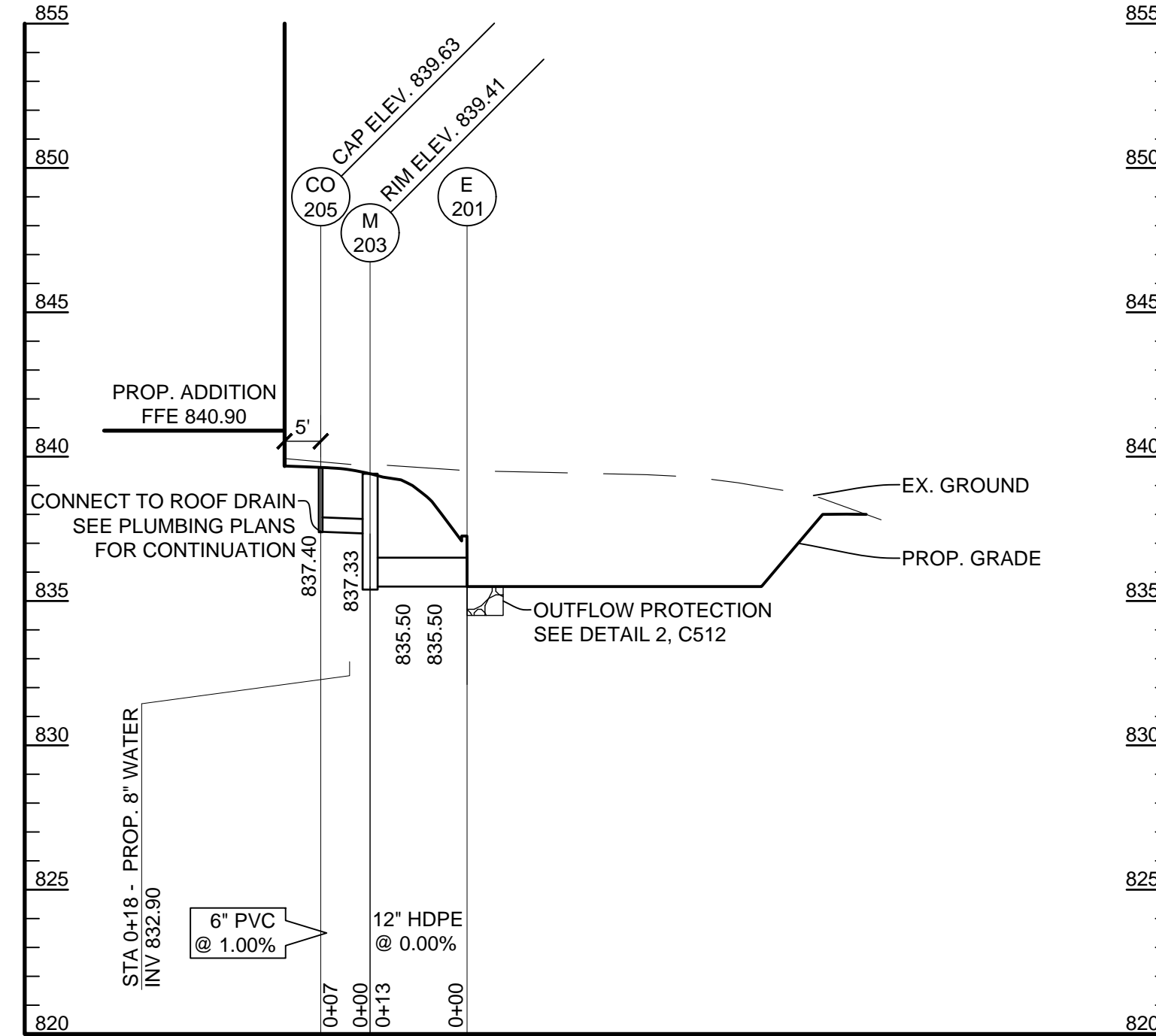
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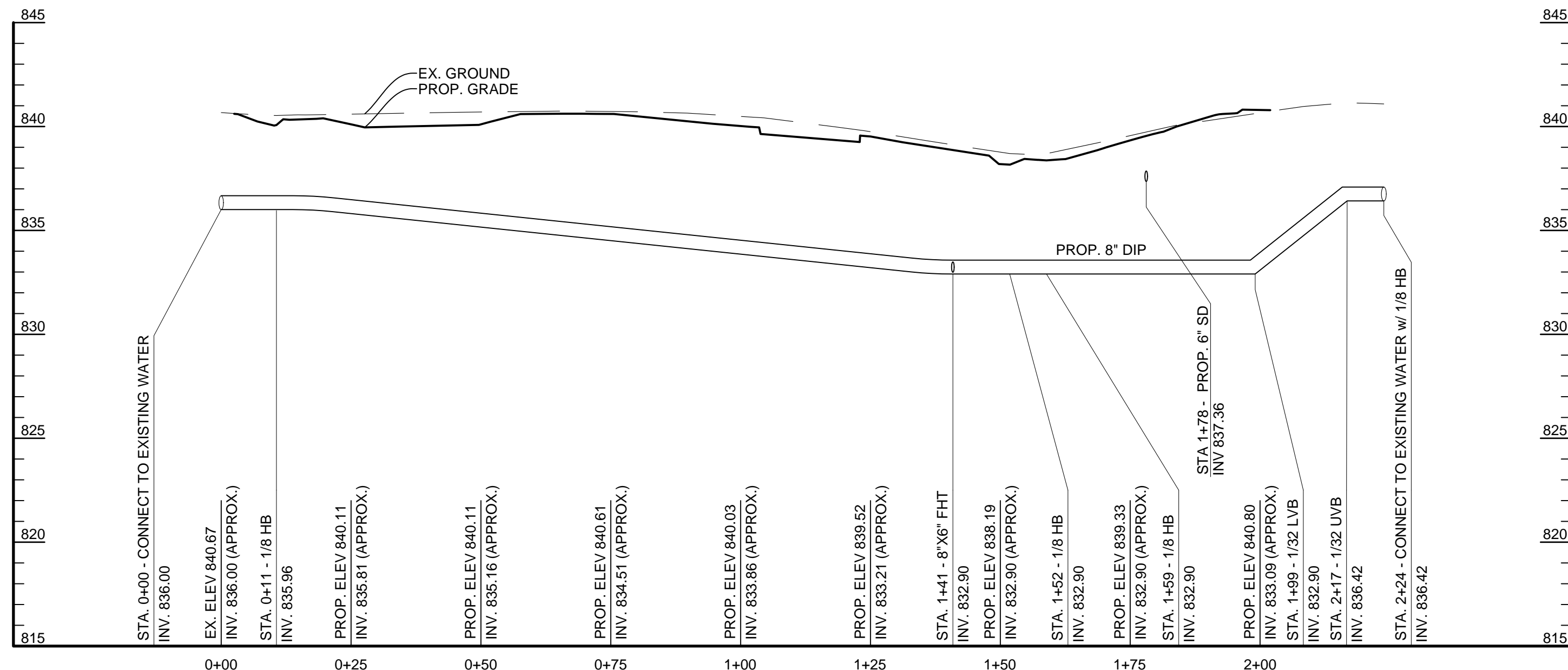
1 CO-105 TO EX. I-101

SCALES: HORIZ. 1" = 20'
VERT. 1" = 5'



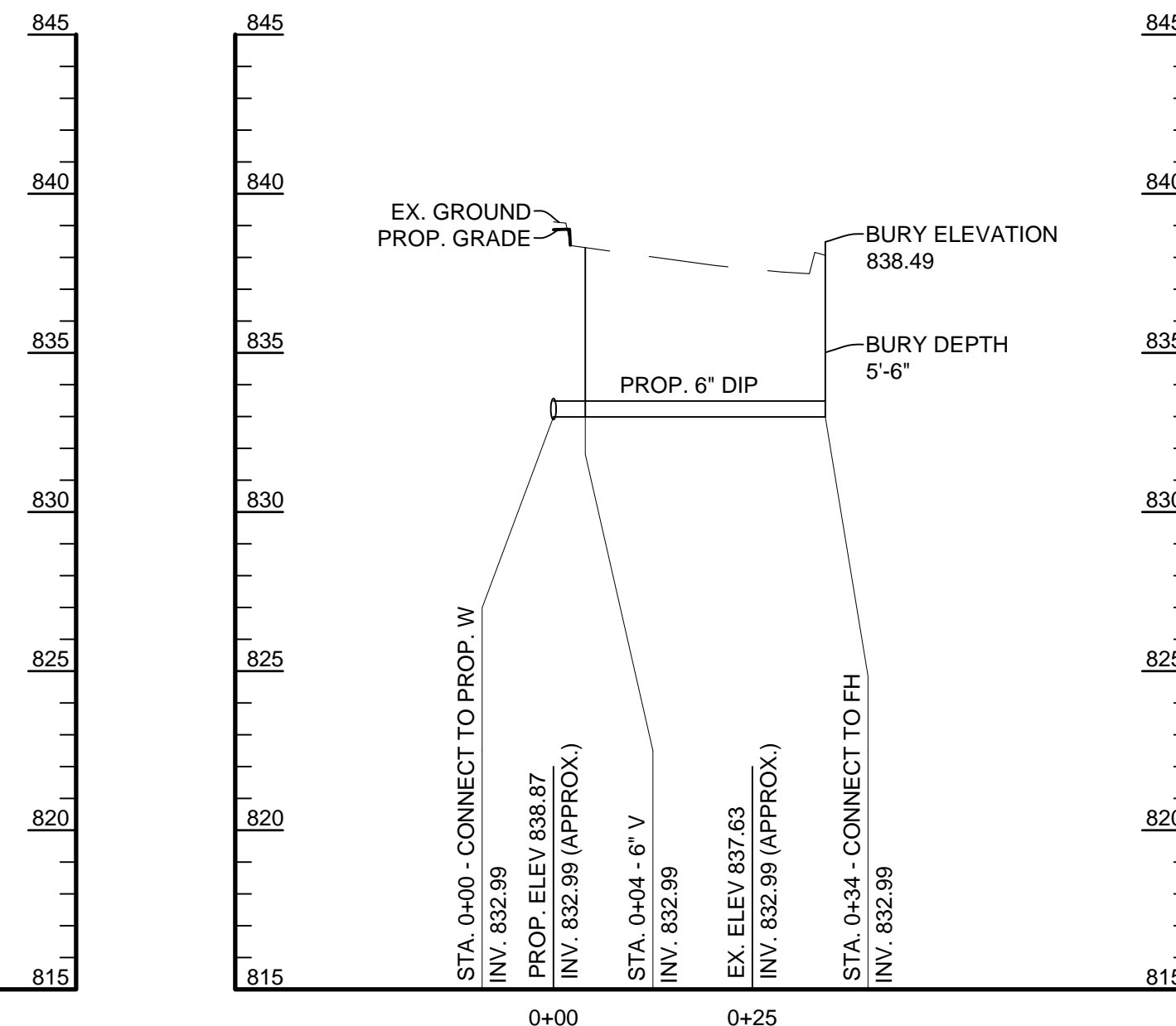
2 SD: BLDG TO E-201

SCALES: HORIZ. 1" = 20'
VERT. 1" = 5'



3 WATER: REROUTED 8" WATER

SCALES: HORIZ. 1" = 20'
VERT. 1" = 5'



4 WATER: 6" FH LEAD

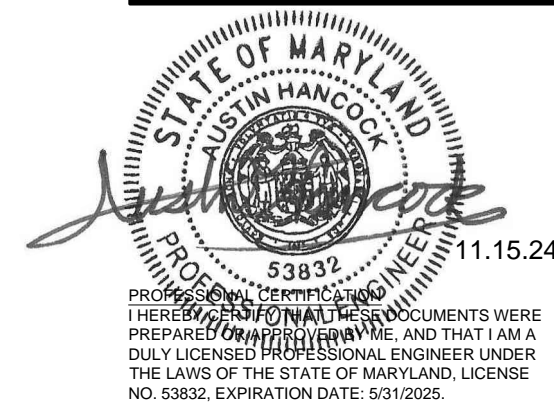
SCALES: HORIZ. 1" = 20'
VERT. 1" = 5'

STRUCTURE TABLE

STRUCTURE #	STRUCTURE TYPE	TOP ELEV.	INV. IN	INV. OUT	COORDINATES	NOTES
M-101	48 IN PRECAST MANHOLE CACO PLATE 94	RIM 836.50	12" HDPE (S) 830.21 18" RCP (E) 829.28	18" RCP (W) 829.27	N: 694,765.99 E: 1,318,799.47	SEE NOTE 1
I-103	24" NYLOPLAST DRAIN BASIN W/ DOME GRATE	GRATE 836.50	4" HDPE (SW) 832.50	12" HDPE (N) 831.83	N: 694,658.08 E: 1,318,808.19	SEE NOTE 2
E-201	TYPE C ENDWALL ROUND PIPE CACO PLATE 79	- 837.60	12" HDPE (NW) 835.50		N: 694,662.50 E: 1,318,778.77	
M-203	24" NYLOPLAST DRAIN BASIN W/ SOLID COVER	RIM 839.41	6" PVC (NW) 837.33	12" HDPE (SE) 835.50	N: 694,667.70 E: 1,318,766.39	

NOTES:

- BASE OF STRUCTURE SHALL BE CAST-IN-PLACE TO ACCEPT EXISTING PIPE ENTERING/EXITING STRUCTURE.
- DRAIN BASIN SHALL HAVE 15" SUMP FILLED TO INVERTS WITH CONCRETE, AND INSTALL 68"x68"x10" CONCRETE BASE PER ADS NYLOPLAST DRAWING NO. 7001-110-142.



PSC #06.046



CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358	DATE:
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

UTILITY PROFILES

COUNTY FILE NUMBER:
S-23-0029

C301

SHEET 9 OF 16

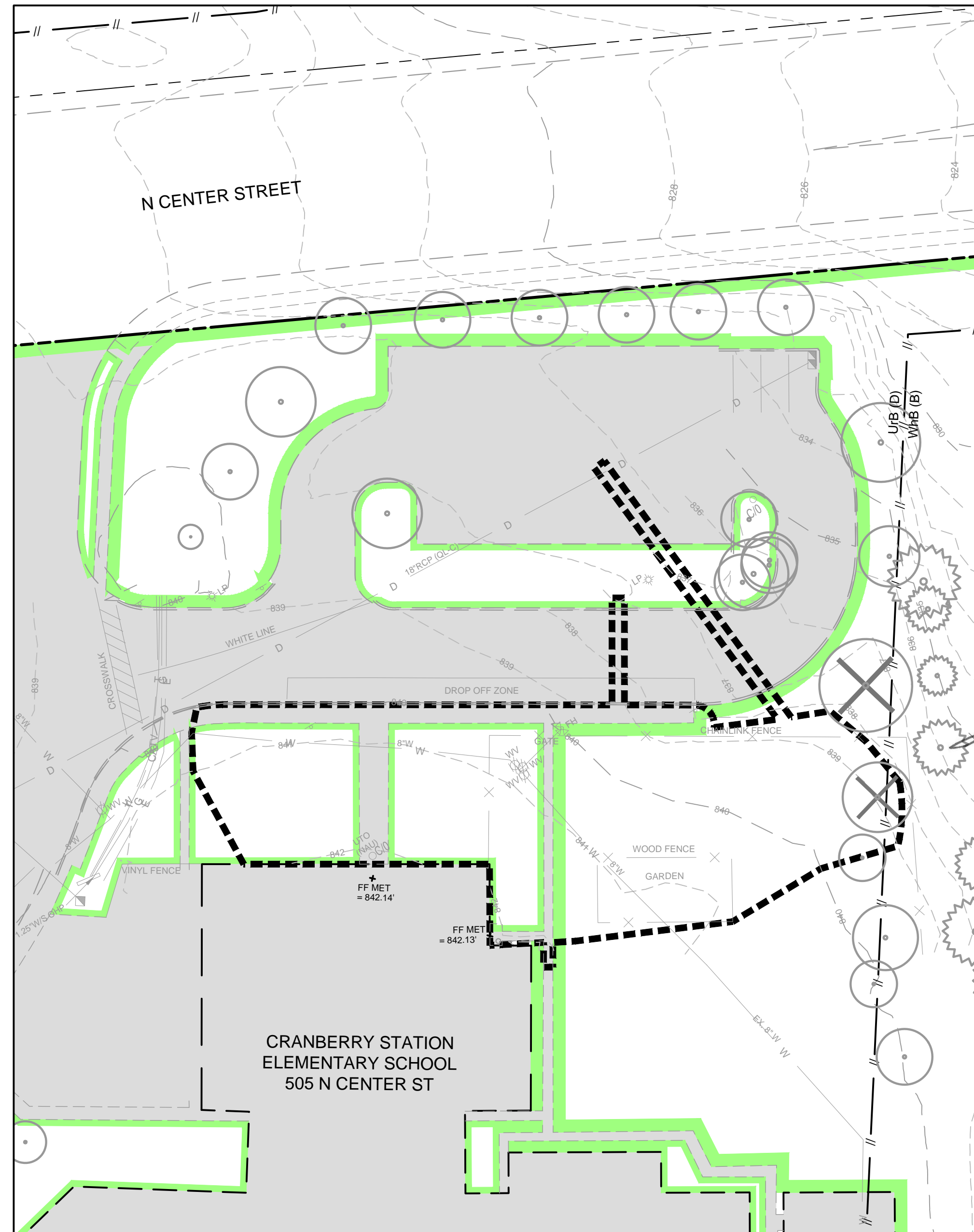
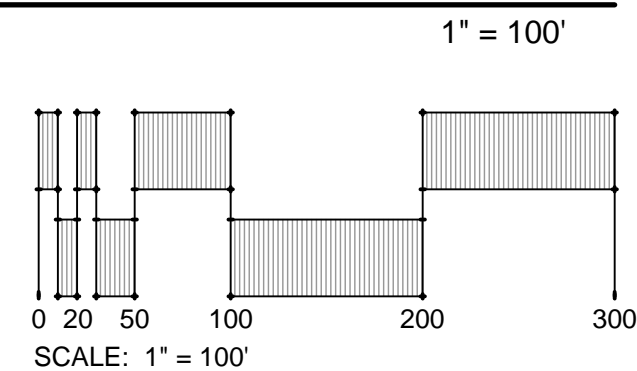
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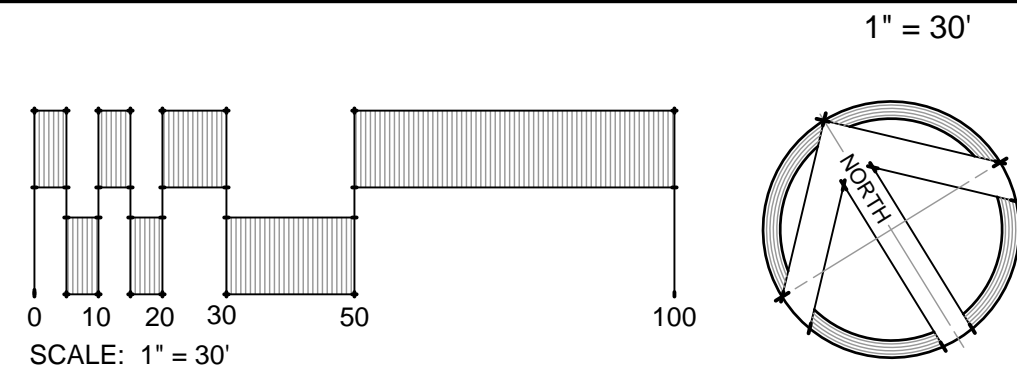
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1 TOTAL PARCEL CONTEXT



2 EXISTING CONDITIONS ENLARGEMENT



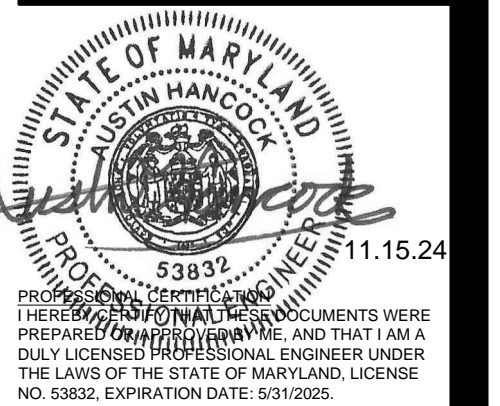
LEGEND

	PROPERTY LINE		EX. 8" SAN S	EXISTING SANITARY SEWER
	EXISTING BUILDING		EX. TELE	EXISTING TELEPHONE
	EXISTING WALK		EX. ELEC E	EXISTING ELECTRIC
	EXISTING ROAD		EX. ELEC OHW	EXISTING OVERHEAD ELECTRIC
	EXISTING CURB			EXISTING LIGHTING
	EXISTING FENCE			EXISTING CONTOURS
	EXISTING TREES			EXISTING SOIL GROUP DELINEATION
	EXISTING SHRUBS			ESD TRACT AREA
	EXISTING STORM DRAIN			IMPERVIOUS AREA
	EXISTING WATER			MEADOW
				WOODS

COUNTY FILE NUMBER:
S-23-0029

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PSC #06.046

SITERESOURCES
Current Maps - Continually Updated

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358	REVISIONS
DATE:	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

EXISTING
CONDITIONS &
RESOURCE
MAPPING SWM PLAN

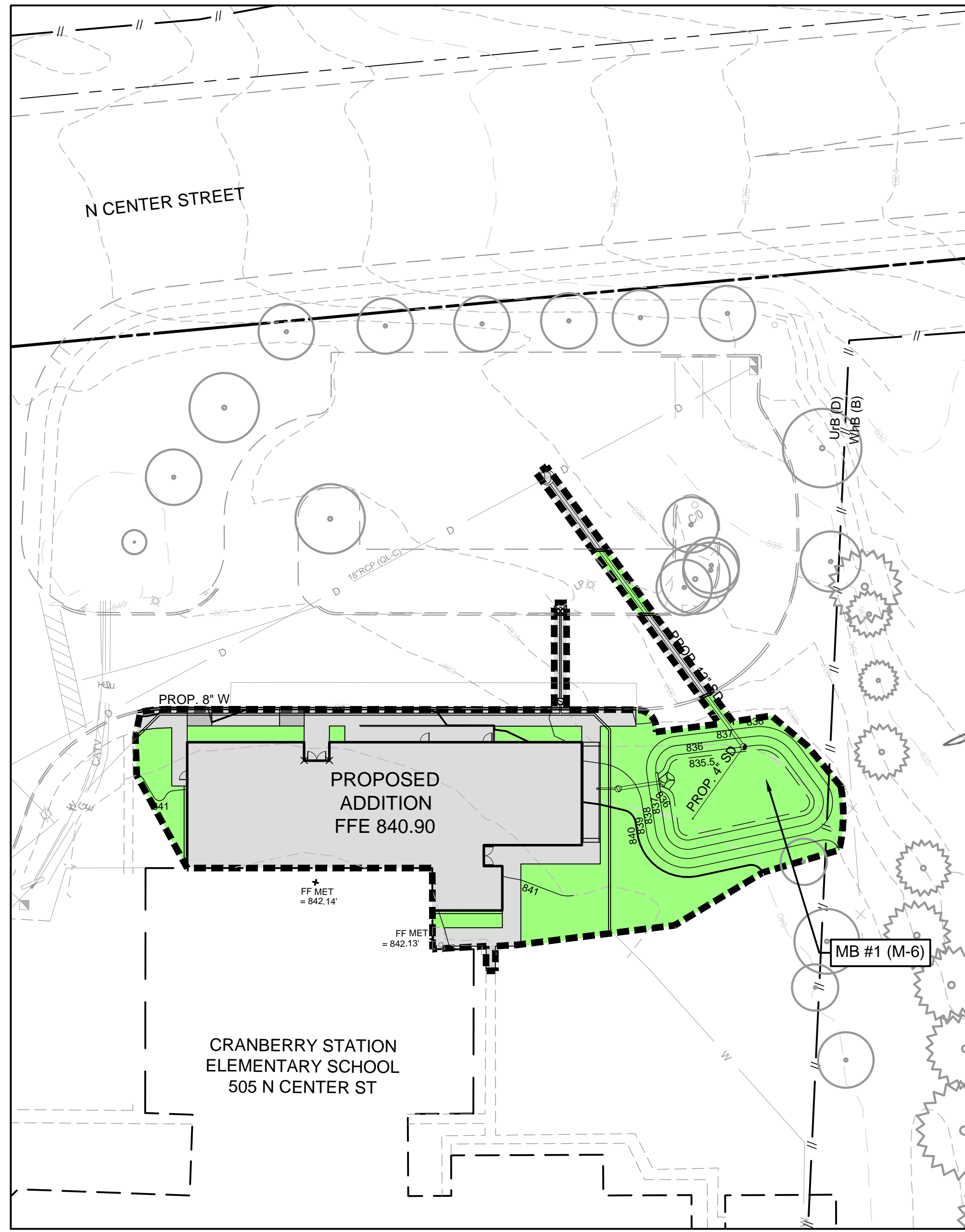
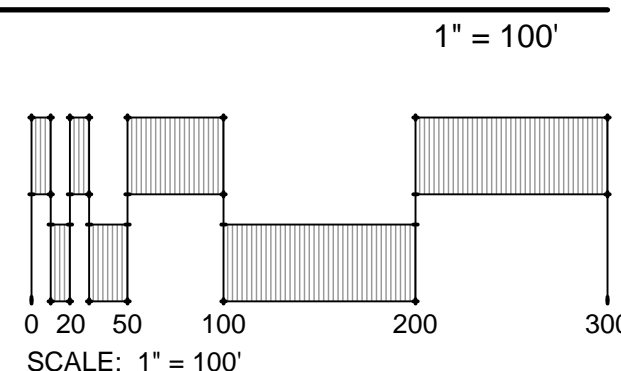
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SHEET 10 OF 16

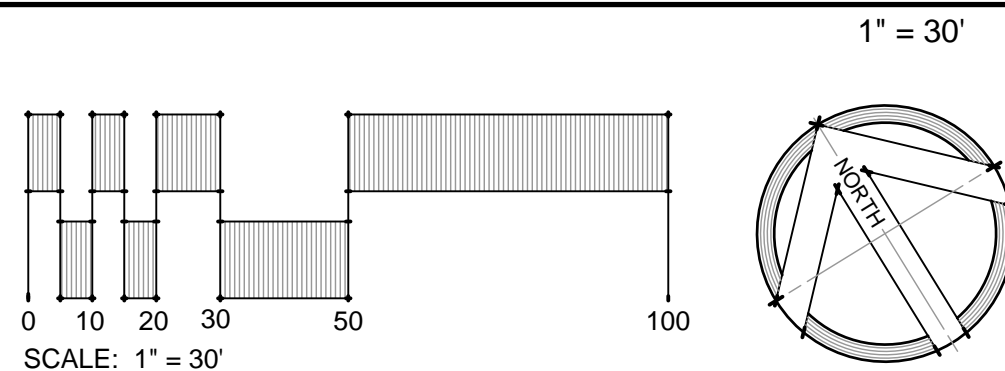
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1 TOTAL PARCEL CONTEXT



2 PROPOSED CONDITIONS ENLARGEMENT



LEGEND

- | | | | | | |
|--|----------------------|--|--------------|--|---------------------------------|
| | PROPERTY LINE | | EX. 8" SAN S | | EXISTING SANITARY SEWER |
| | EXISTING BUILDING | | T | | EXISTING TELEPHONE |
| | EXISTING WALK | | E | | EXISTING ELECTRIC |
| | EXISTING ROAD | | OH | | EXISTING OVERHEAD ELECTRIC |
| | EXISTING CURB | | L | | EXISTING LIGHTING |
| | EXISTING FENCE | | C | | EXISTING CONTOURS |
| | EXISTING TREES | | U/D
GnG | | EXISTING SOIL GROUP DELINEATION |
| | EXISTING SHRUBS | | | | ESD TRACT AREA |
| | EXISTING STORM DRAIN | | | | IMPERVIOUS AREA |
| | EXISTING WATER | | | | GRASS |

COUNTY FILE NUMBER:
S-23-0029

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PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

SITERESOURCES

Creating Right - Naturally Inspired

CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO. 631358
DATE:
REVISIONS
DATE DESCRIPTION
9/27/24 CD PROGRESS SET
10/25/24 95% CD SET

PROPOSED
CONDITIONS SWM
PLAN

C511
SHEET 11 OF 16

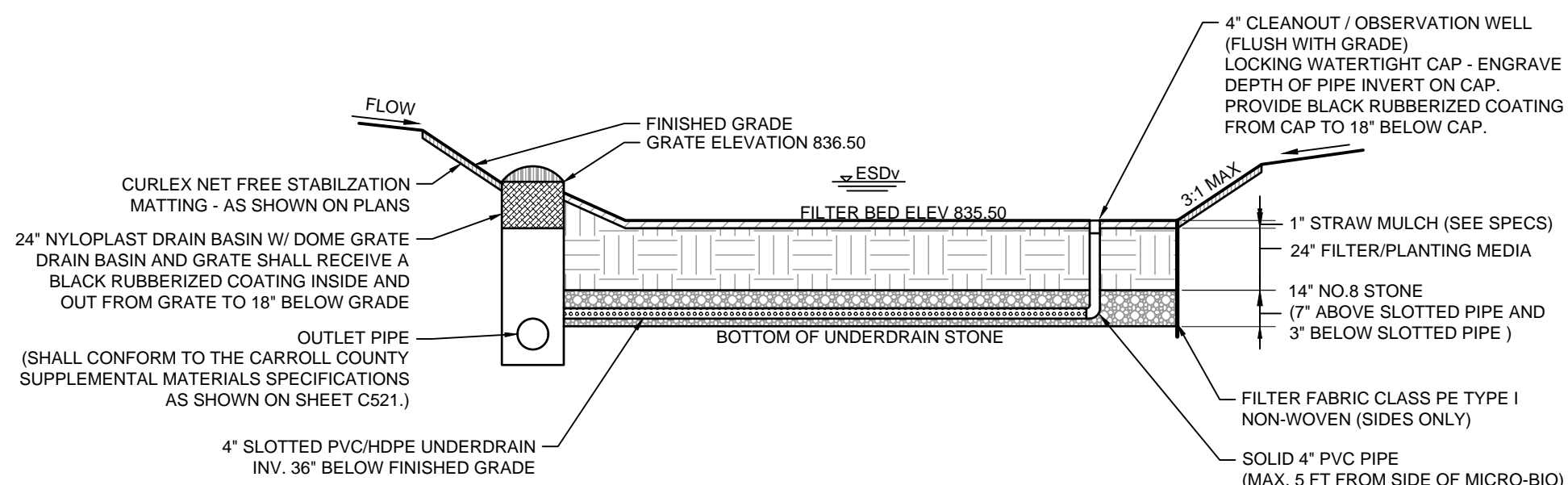
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INSPECTION CHART FOR MICRO-BIORETENTION (MB#1)

STAGE	ENGINEERS APPROVAL	
	INITIALS	DATE
SEDIMENT CONTROL PHASE		
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND ALL PERIMETER CONTROLS PER CARROLL COUNTY STANDARD EROSION AND SEDIMENT CONTROL PLAN. ALL CONSTRUCTION SHALL FOLLOW THE SEQUENCE GIVEN IN THE STANDARD PLAN.		
2. CONSTRUCT STORM DRAIN SYSTEM FROM M-101 TO I-103.		
3. EXCAVATE AND CONSTRUCT RISER (I-103), 12" OUTFALL PIPE, AND INSTALL CONCRETE ANTI-FLOATATION AROUND THE STRUCTURE AS DIRECTED BY THE GEOTECHNICAL ENGINEER. PROVIDE STANDARD INLET PROTECTION TYPE B ON PROPOSED RISER.		
4. CONSTRUCT EMBANKMENT AS DIRECTED BY GEOTECHNICAL ENGINEER. EXCAVATE BOTTOM OF FACILITY TO EL. 835.5 AND CONSTRUCT 3:1 SLOPES OF PROPOSED FACILITY.		
5. CONSTRUCT REMAINING STORM DRAIN SYSTEM INCLUDING DOWNSPOUT CONNECTION, REROUTING OF EXISTING ROOF DRAINAGE, AND HEADWALL E-201.		
6. ENTIRE CONTRIBUTING DRAINAGE AREA TO THE FACILITY IS PAVED/STABILIZED, BUILDING ADDITION IS CONSTRUCTED, AND MINIMUM 2" STAND OF DENSE GRASS IS ESTABLISHED ON ALL DISTURBED AREAS, INCLUDING FACILITY SLOPES AND TOP.		
STORMWATER MANAGEMENT PHASE		
1. REMOVE ACCUMULATED SEDIMENTS AND STADING WATER FROM THE ENTIRE STORMDRAIN SYSTEM INCLUDING SUMP INLETS AND MANHOLES AND THEN EXCAVATE TO THE BOTTOM OF RECHARGE RESERVOIR EL. 832.25.		
2. INSTALL NO. 8 STONE AND 4" SLOTTED PIPE UNDER SUPERVISION OF GEOTECHNICAL ENGINEER.		
3. ADD ENGINEER APPROVED PLANTING/FILTER MEDIA. PLANT FACILITY BOTTOM WITH FILTER BED MIX (WET MEADOW MIX) AND PLACE SOD ON BANKS PER LANDSCAPE PLAN.		
4. STABILIZE ANY DISTURBED AREAS AND REMOVE PERIMETER SEDIMENT CONTROLS AND ANY REMNANTS OF CONSTRUCTION INCLUDING STAKES.		
5. A MINIMUM OF 2" STAND OF DENSE GRASS IS ESTABLISHED ON BANKS OF FACILITY AND FILTER BED MIX ON THE BOTTOM.		
6. SUBMIT AS-BUILT MYLARS TO CARROLL COUNTY BUREAU OF RESOURCE MANAGEMENT WITHIN 30 DAYS OF COMPLETION.		

* PLEASE NOTIFY CERTIFYING ENGINEER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION *

ENGINEER'S NAME: SITE RESOURCES, INC.
PHONE NUMBER: 410-683-3388



- NOTES:
- 3:1 MAX SLOPE ON ALL SIDES. SEE GRADING PLAN AND STORM DRAIN PROFILES FOR GRADING OF MICRO-BIORETENTION.
 - SOILS USED FOR EMBANKMENTS AND TRENCH BACKFILL SHALL CONFORM TO THE CARROLL COUNTY SUPPLEMENTAL MATERIALS SPECIFICATIONS SHOWN ON SHEET C521.

1

TYPICAL SECTION: MICRO-BIORETENTION

NOT TO SCALE

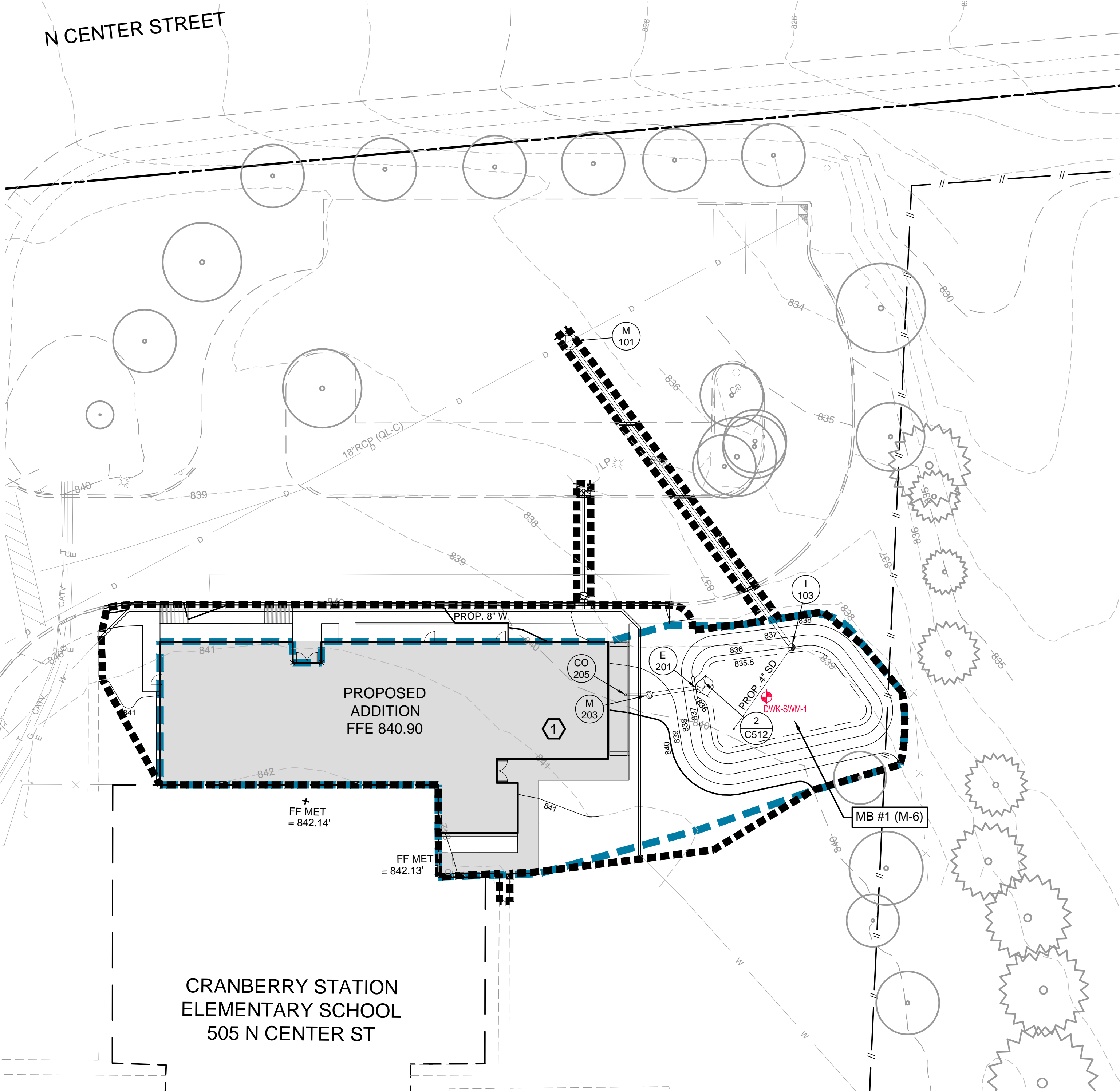
2

OUTFLOW PROTECTION

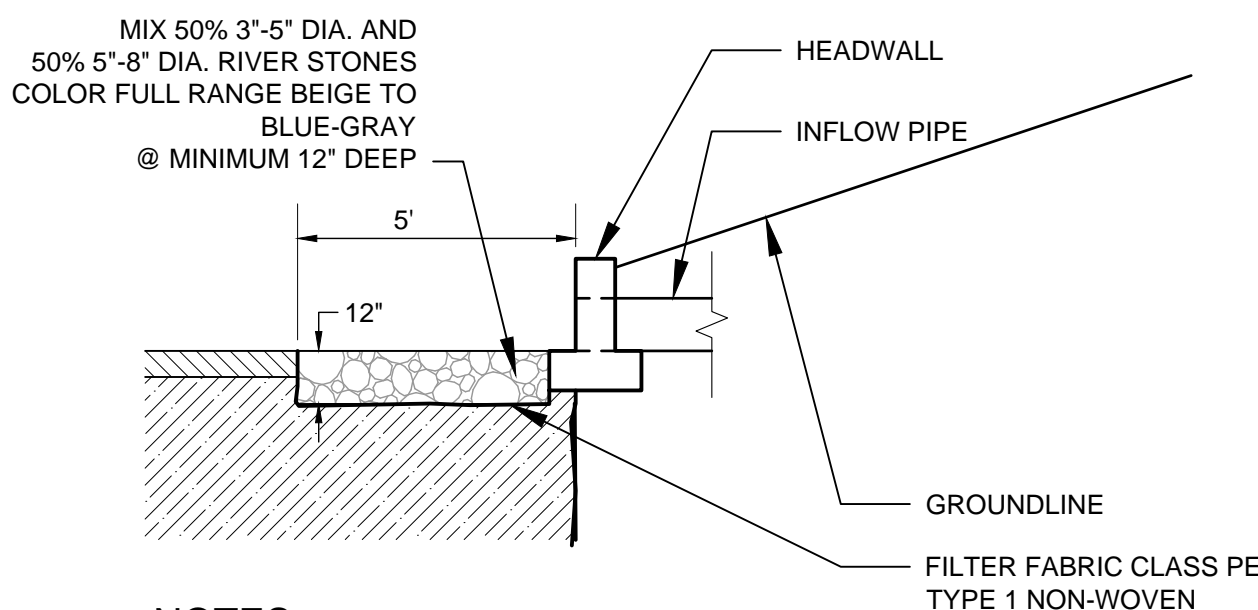
NOT TO SCALE

DRAINAGE AREA DATA

DRAINAGE AREA	TOTAL AREA (AC.)	IMPERVIOUS AREA (AC.)	ESDV PROVIDED (CUFT)	TC (HOURS)
1 (MB #1)	0.25	0.14	1,220	0.1

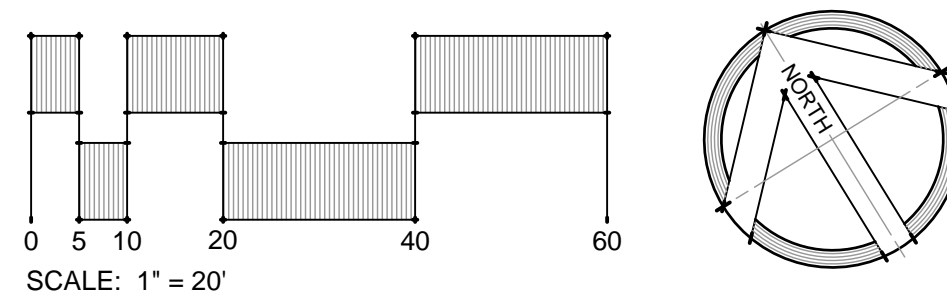


CRANBERRY STATION ELEMENTARY SCHOOL 505 N CENTER ST



NOTES

- INSTALL FILTER FABRIC FROM SIDES OF MICRO-BIORETENTION THROUGH STONE SO FABRIC IS CONTIGUOUS. WHERE ENDS OF THE FABRIC COME TOGETHER, OVERLAP THE ENDS BY 6 INCHES, FOLDED AND STAPLED.
- EVENLY WET DOWN FACILITY TO SETTLE PLANTING MEDIA AND REDRESS TOP SURFACE WITH ADDITIONAL PLANTING MEDIA TO SPECIFIED SURFACE ELEVATION PRIOR TO INSTALLING MULCH AND PLANT MATERIAL.



DESIGN SUMMARY TABLE

ESD TRACT AREA	0.31 AC
PROPOSED IMPERVIOUS AREA WITHIN ESD TRACT AREA	0.18 AC
ESDV / PE REQUIRED	1,154 CUFT / 1.80"
ESDV / PE PROVIDED	1,220 CUFT / 1.90"

LEGEND

---	PROPERTY LINE
---	EXISTING BUILDING
---	EXISTING WALK
---	EXISTING ROAD
---	EXISTING CURB
---	EXISTING FENCE
---	EXISTING TREES
---	EXISTING SHRUBS
---	EXISTING STORM DRAIN
---	EXISTING WATER
---	EXISTING SANITARY SEWER
---	EXISTING TELEPHONE
---	EXISTING ELECTRIC
---	EXISTING OVERHEAD ELECTRIC
---	EXISTING LIGHTING
---	EXISTING CONTOURS
---	EXISTING SOIL GROUP DELINEATION
---	PROPOSED BUILDING
---	PROPOSED BUILDING OVERHANG
---	PROPOSED SIDEWALK
---	PROPOSED CURB
---	PROPOSED FENCE
---	PROPOSED SIGN
---	PROPOSED STORM DRAIN
---	PROPOSED WATER
---	PROPOSED CONTOURS
---	ESD TRACT AREA
---	IMPERVIOUS AREA
---	DRAINAGE AREA

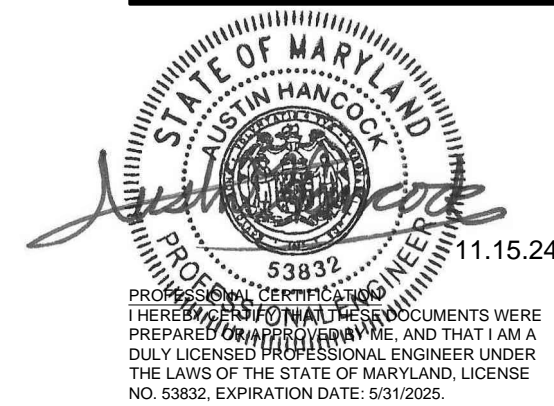
SWM AS-BUILT NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY, ON BEHALF OF THE OWNER, TO ENGAGE A LICENSED LAND SURVEYOR TO PERFORM AN AS-BUILT TOPOGRAPHIC SURVEY OF THE CONSTRUCTED STORMWATER MANAGEMENT FACILITIES. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PHOTO DOCUMENTATION WITH AT LEAST TEN (10) PHOTOS PER STORMWATER MANAGEMENT FACILITY AT EACH CRUCIAL MILESTONE OF THE STORMWATER MANAGEMENT CONSTRUCTION PROGRESS.
- CRUCIAL MILESTONES INCLUDE, AT A MINIMUM, REGULAR INSPECTIONS MADE AND DOCUMENTED DURING AND AT COMPLETION OF THE FOLLOWING STAGES OF CONSTRUCTION:
 - EXCAVATION TO SUBGRADE
 - INSTALLATION OF GEOTEXTILE FABRIC
 - INSTALLATION OF UNDERDRAIN SYSTEM WITH DRAINAGE STRUCTURE AND OUTFALL PIPE
 - INSTALLATION ON WETLAND SOIL, PEA GRAVEL AND GRAVEL MEDIA.
 - UPON COMPLETION OF FINAL GRADING, MULCH INSTALLATION, AND ESTABLISHMENT OF PERMANENT STABILIZATION
- THE FOLLOWING INFORMATION SHALL BE INCLUDED IN THE SWM AS-BUILT DOCUMENTATION BY THE LICENSED LAND SURVEYOR:
 - COMPLY WITH INSPECTION REQUIREMENTS DURING CONSTRUCTION FOR AS-BUILT CERTIFICATION AS DESCRIBED IN THE MDE STORMWATER MANUAL AND AMENDED TO DATE.
 - NOTE CHANGES AND DEVIATIONS FROM THE ORIGINAL APPROVED SWM PLANS BY MARKING IN RED OR GREEN ON TOP OF THE ASSOCIATED APPROVED ITEM.
 - NOTE CONSTRUCTED DATA FOR GRADING CONTOURS, SPOT ELEVATIONS, HORIZONTAL AND VERTICAL DIMENSIONS, INVERTS, PLAN VIEWS, CROSS-SECTIONS, AND DETAILS.
 - IF CONSTRUCTED VALUES ARE THE SAME AS DESIGN VALUES, PLACE A CHECK MARK NEXT TO THE ASSOCIATED DATA TO INDICATE THE VALUE HAS BEEN VERIFIED.
 - COMPLETE AS-BUILT TABLES INCLUDED ON DRAWINGS AND SIGN AND SEAL CERTIFICATIONS.

PROVIDE ADDITIONAL DOCUMENTS SUCH AS PROGRESS AND FINAL PHOTOGRAPHS, INSPECTION REPORTS AND OTHER RELEVANT INFORMATION IN SUPPORT OF THE AS-BUILT DRAWINGS AND DATA TABLES.

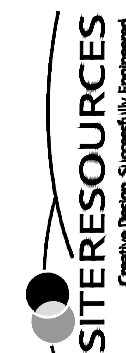
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PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS



CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO: 631358	REVISIONS
DATE:	DATE DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

SWM ESD DA MAP

C512

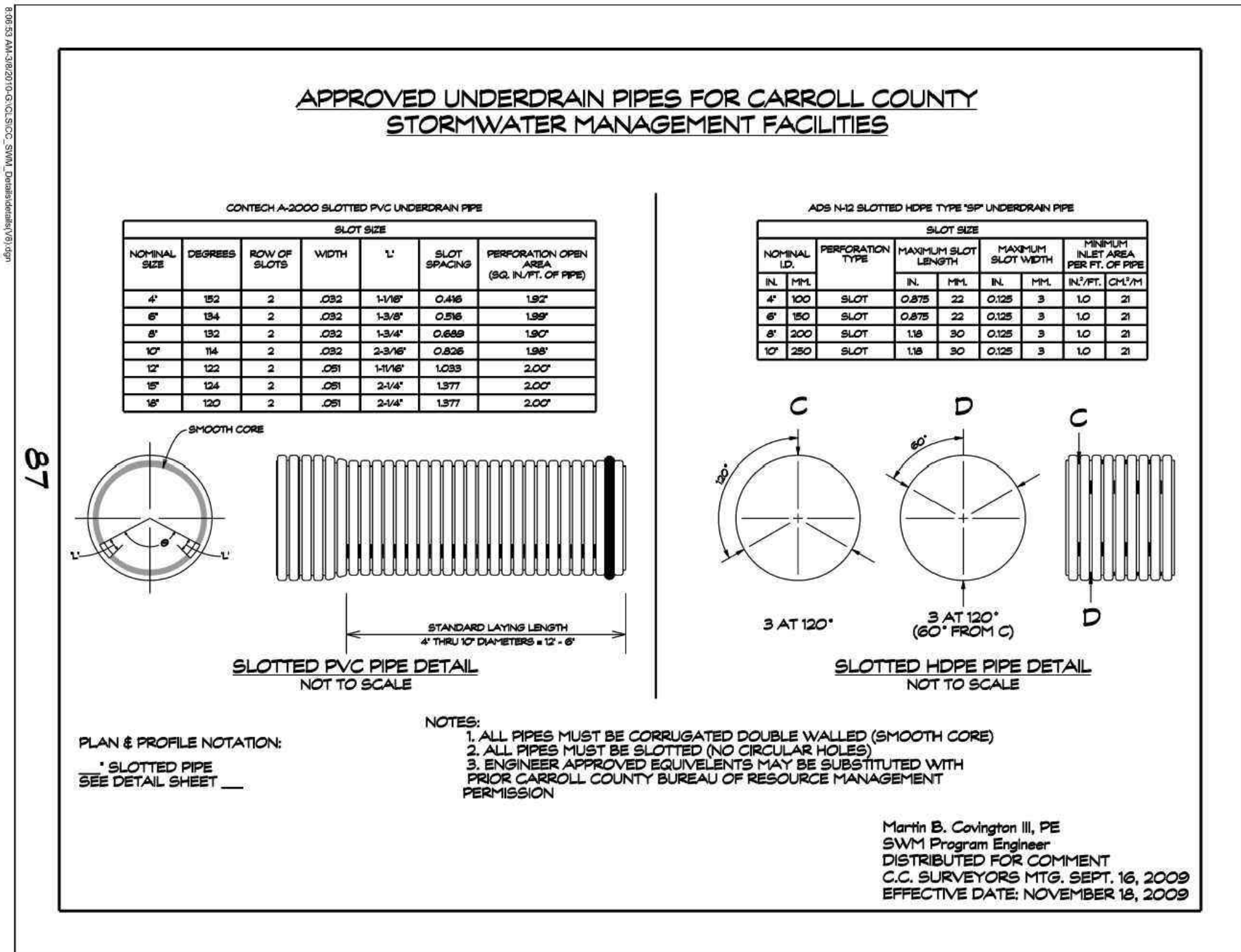
SHEET 12 OF 16

CARROLL COUNTY-PUBLIC FACILITY
CONSTRUCTED BY THE COUNTY
STORMWATER MANAGEMENT MAINTENANCE AGREEMENT
SCHEDULE

- The Stormwater Management Facility/Facilities shown on these plans shall be constructed by Carroll County.
- The County or its heirs or assigns shall be responsible for continuing maintenance of the facility/facilities which shall include such items as mowing, cleaning, removing sediment, trees, shrubs, and debris and repairing any structural damage. Requirements and schedules for specific types of facilities and practices as listed on the plans are hereby included.
- The County or its heirs or assigns shall be responsible for any structural damage or failure which may occur as a result of negligence, accident or misuse. In the event of structural damage, the County or its heirs or assigns is responsible to make repairs as quickly as possible (30 day maximum).
- After completion of the facility the Carroll County Bureau of Resource Management shall certify that the facility is in proper working condition. "After completion of the facility" is construed to mean that all contributory drainage areas are paved or supporting a 2" stand of dense grass and that all buildings are constructed and that the Carroll County Bureau of Resource Management has inspected construction and a registered professional engineer has certified that the "As-Built" plans meet the plans and specifications for construction.
- If this facility is ever transferred to private ownership, the County's heirs or assigns are responsible for the agreement. In such a case, if after notice by the County to correct a violation requiring maintenance work, satisfactory corrections are not made by the owner(s) within (30) days the County may perform all necessary work to place the facility in proper working condition. The owners of the facility shall be assessed the cost of the work and any penalties. The monies may be collected by placing a lien on the property, or by including the costs and penalties in the property tax bill and collecting them as ordinary taxes by the County.
- Owner(s) shall grant right of entry to authorized County/Town/City personnel for purposes of inspection monitoring and/or repair. Site visits for inspection and/or monitoring shall be conducted only during normal County working hours (8:00 a.m. to 5:00 p.m. Monday – Friday).
- This agreement including right of entry for inspection/maintenance and repair shall be recorded in the Land Records of the County.

Effective Date: November 15, 2018
Distributed for comments at the Carroll County Surveyor's Meeting October 15, 2018
12 Amended

149



ENGINEER'S "AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE FACILITY/FACILITIES SHOWN ON THIS/THESE PLAN(S) WAS/WERE CONSTRUCTED AS SHOWN ON THE "AS-BUILT" PLANS AND MEETS THE APPROVED PLANS AND SPECIFICATIONS. I ALSO CERTIFY THAT THIS/THESE FACILITY/FACILITIES WERE INSPECTED IN ACCORDANCE WITH SECTIONS 151.095 AND 151.096 OF THE CODE OF PUBLIC LOCAL LAWS AND ORDINANCES OF CARROLL COUNTY AND I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

SIGNED _____ DATE _____
53832 _____ 5/31/2025
LICENSE NO _____ EXPIRATION DATE _____

ENGINEER'S DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN DESIGNED ACCORDING TO CHAPTER 151 OF THE CODE OF PUBLIC LOCAL LAWS AND ORDINANCES OF CARROLL COUNTY AND I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

SIGNED _____ DATE _____
53832 _____ 5/31/2025
LICENSE NO _____ EXPIRATION DATE _____

DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ALL PROPOSED WORK SHOWN ON THESE CONSTRUCTION DRAWING(S) WILL BE CONDUCTED IN STRICT ACCORDANCE WITH THESE PLANS. I ALSO UNDERSTAND THAT IT IS MY RESPONSIBILITY TO HAVE THE CONSTRUCTION SUPERVISED AND CERTIFIED, INCLUDING THE SUBMITTAL OF "AS-BUILT" PLANS CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER WITHIN THIRTY(30) DAYS OF COMPLETION OF WORK ON THE STORMWATER MANAGEMENT FACILITY/FACILITIES. I ALSO CERTIFY THAT THIS/THESE STORMWATER MANAGEMENT FACILITY/FACILITIES WILL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR PROFESSIONAL LAND SURVEYOR, AS APPROPRIATE, IN ACCORDANCE WITH SECTIONS 151.095 AND 151.096 OF THE CODE OF PUBLIC LOCAL LAWS AND ORDINANCES OF CARROLL COUNTY.

SIGNED _____ DATE _____
_____ 10/3/24
DATE _____

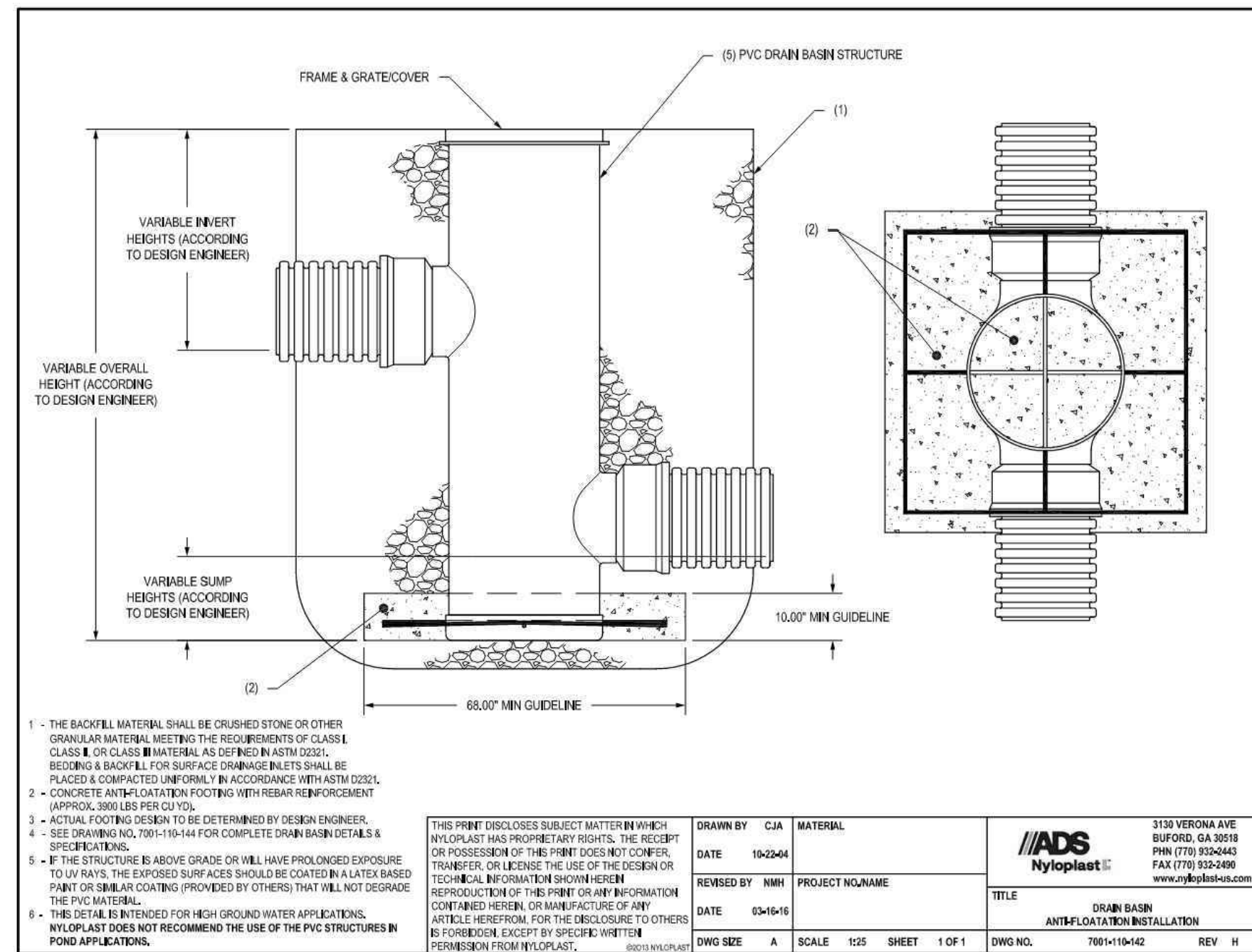
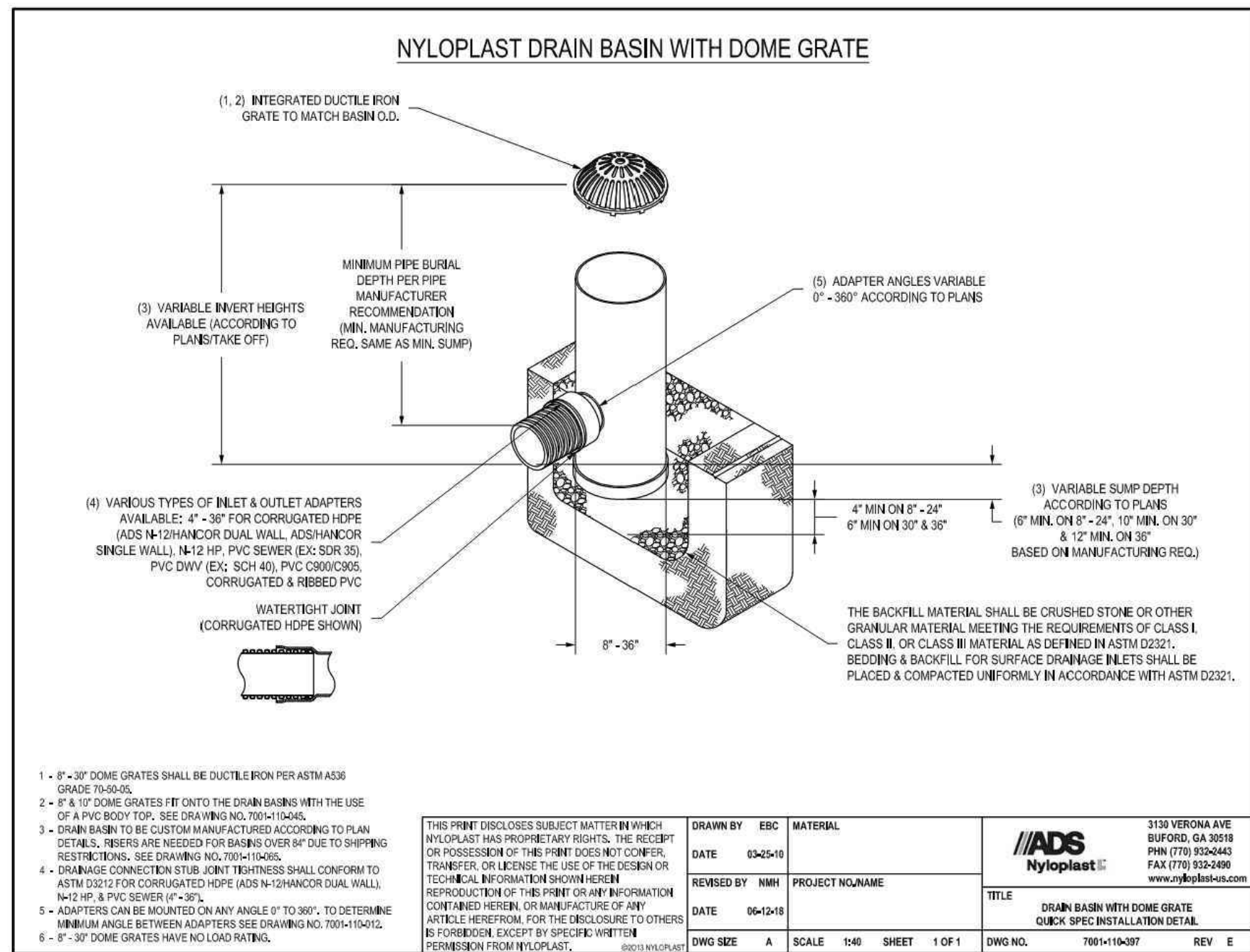
Carroll County Supplemental Materials Specifications for Bio-Swale, Bioretention, Micro-Bioretention & Rain Gardens			
Material	Specification	Size	Notes
Plantings	See Landscape Plan	N/A	Plantings are site specific and per approved landscape plan
Seed Mix	Filter Bed Mix – Use Wet Meadow Mix per MD Standards and Specifications §707. See Table 3 (1 lb. minimum/micro-bioretention)	N/A	Used with straw mulch in place of shredded hardwood mulch. Incorporate seed evenly in top ½" of filter media
Mulch	Shredded Hardwood	N/A	Aged 6 months, minimum
Straw Mulch	MD Standards and Specifications §920.04.01, (200 lb. minimum/micro-bioretention)	N/A	1" Straw mulch over seed bed (facility bottom)
Geotextile	Class "C" – Apparent opening size (ASTM-D-4751), Grab Tensile Strength (ASTM-D-4632), Puncture Resistance (ASTM-D-4833)	N/A	Sides only Not on bottom unless specified on the plans
Underdrain and Reservoir Gravel	AASHTO M-43 No. 8 Stone	¾" – 1½"	Stone must be clean and washed
Underdrain and Observation Well Piping	Slotted PVC or Slotted HDPE Type "SP" Pipes Solid: Scheduled 40 PVC or HDPE Type "S"	See Plan	Refer to the Carroll County SWM Supplement Pg. 87 All pipes must be double walled (smooth core) and slotted (no circular holes) Sand substitutions such as Diabase and Graystone #10 are not acceptable. No calcium carbonate or dolomitic sand substitutions are acceptable. No "rock-dust" can be used for sand. Manufactured sand from approved sources may be used for filters. Manufactured sand may not be used in dams.
Sand	ASTM-C-33 (3 parts to 6 within Filter Media)	0.02" – 0.04"	
Soil	Engineer approved loam with 20% or less clay. (1 part to 6 within Filter Media)	N/A	
Wood Chips	Untreated "Green" (2 parts to 6 within Filter Media)	N/A	Untreated "green" wood chips
Filter/Planting Media	Comprised of 3 parts sand, 2 parts wood chips, 1 part soil	N/A	See individual material specifications
Embankments & Trench Backfill (non-378)	Soils used for embankments and trench backfill shall be uniform and in accordance with MD 378 Code, except that fill material shall conform to Unified Soil Classification, GC, SC, SM, MH, ML, CH, or CL and be compacted to a density of not less than 95% of maximum dry density. Woody vegetation is prohibited on embankments.	N/A	See Earth Fill and Structure Backfill, Carroll County Construction Specifications Carroll County SWM Supplement, Page 130
Principal Spillway Pipe (non-378)	Shall be in accordance with MD 378 Code, except that all pipe joints are to be gasketed and completely watertight. Pipes connected to risers (inlets) shall be a single piece 20-feet long with no joints.	See Plan	See Pipe Conduits, Carroll County Construction Specifications Carroll County SWM Supplement, Page 131

R:\Forms\SWM Forms\Update Forms\Carroll County Supplemental Materials Specifications For Bio-Swale, Bioretention, Micro-Bioretention and Rain Gardens Revised 11.20.23.docx
Chad N. Wasieleski, PE, CFM
Carroll County Stormwater Management Program Engineer
March 20, 2020; Dec. 20, 2022; Jan. 6, 2023; Revised July 25, 2023; Revised Nov. 20, 2023

STORMWATER MAINTENANCE SCHEDULE MICRO-BIORETENTION Modified to Correspond to Carroll County Details		
MONTHLY INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and debris in facility including inlets, outlets, conveyance systems, and area around facility.	Remove all trash and debris and dispose in an acceptable manner. Unclog all openings.
Plant Composition and Health	Compare plant composition with approved plans. Check for invasive species or weeds. Check for dead or dying vegetation.	Remove invasive species and weeds. Replace dead plants in accordance with approved landscaping plan OR Reseed and Remulch per Filter Bed Mix.
Vegetative Cover	Check for channeling, erosion, and bare spots. Check for vegetation blocking inlet and outlet.	Remove or cut back vegetation around inlet and outlet structures. Mow side slopes and embankment when grass exceeds 12 inches in height, but do not mow filter bed (Woody vegetation is prohibited on the embankment). If using Filter Bed Mix, may mow bed twice per year. Remove grass clippings. Reseed or re-plant in accordance with approved landscaping plans.
Mulch Layer	Check mulch for adequate cover, sediment accumulation, or discoloration.	Replace and remove old mulch and excess sediment. Provide adequate mulch cover according to approved design.
SEASONAL INSPECTION AND AFTER A MAJOR STORM		
Inspection Item	Inspection Requirements	Remedial Action
Dewatering	Check ponding level. Surface storage must dewater within 48 hours of rainfall. Noticeable odors, stained water on the filter surface or at the outlet, or the presence of algae or aquatic vegetation are indicators of anaerobic conditions and inadequate dewatering of the facility.	Remove and replace top few inches of media. If the facility does not function as intended after the above action, excavate, remove, clean, and replace stone, underdrain, media, and plants in accordance with approved plans.
Erosion	Check inlets, filter bed, outlets, and side slopes for erosion, rills, gullies, and runoff channelization.	Re-grading may be required when concentrated flow causes rills or gullying through the facility. Grade, vegetate, and/or armor to provide stable conveyance in accordance with approved plans.
Sediment Accumulation	Check for accumulated sediment in conveyance systems and on filter bed. Check for clogged openings (blockages).	When sediment accumulates to 1 inch depth, remove sediment. Remove sediment from clogged openings. Dispose of all sediment in an acceptable location.
ANNUAL INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Structural Components	Check for evidence of structural deterioration, spalling, or cracking. Inlet and outlet structures as well as riprap outfalls must be in good condition.	Repair to good condition according to specifications on the approved plans.
Overall Function of Facility	Check that practice is functioning as designed.	Repair to good condition according to specifications on the approved plans.

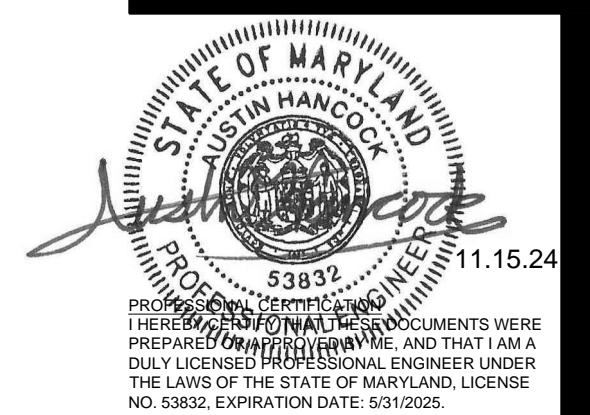
Modifications By: Martin B Covington, III, P.E.
Carroll County Stormwater Management Program Engineer
August 2021
Revised December 20, 2022

#N/A



MOSELEYARCHITECTS

1414 KEY HIGHWAY, SECOND FLOOR, BALTIMORE, MD 21230
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PSC #06.046

**CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS**

CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO: 631358
DATE: _____
REVISIONS
DATE DESCRIPTION
9/27/24 CD PROGRESS SET
10/25/24 95% CD SET

SWM DETAILS & NOTES

C521
SHEET 13 OF 16

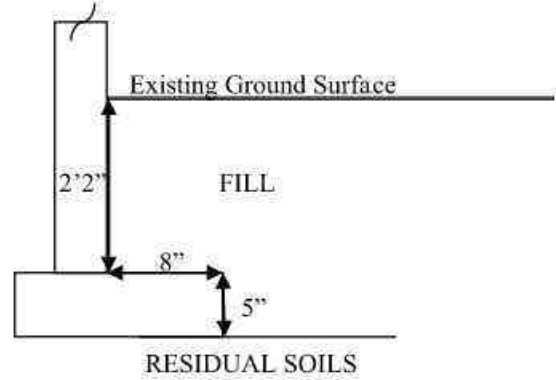
COUNTY FILE NUMBER:
S-23-0029



TEST PIT LOG

Contract No.: 23209.1D Date: January 2, 2024
Project: Cranberry Station CCES DWK Representative: N. Honegger
Location: Westminster, Maryland
Test Pit No.: DWK-TP-1 Groundwater EL: Dry
Surface Elevation: 840.0 Excavation Equipment: Mini Excavator

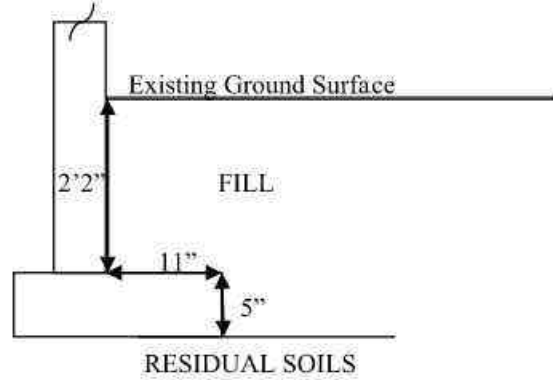
DEPTH (FT.)	ELEV.	SOIL DESCRIPTION AND OBSERVATIONS	STRATUM	REMARKS
0	840.0	Topsoil 6"		
0.5	839.5	FILL, sandy lean clay, moist, brown	A	FILL
1.0	839.0			
1.5	838.5			
2.0	838.0			
2.5	837.5	Top of Footing @ 2' 2"		
		Bottom of Footing @ 2' 7"		
		SANDY SILT, with rock fragments, moist, tan	B	Residual
3.0	837.0			
		Bottom of Test Pit @ 3.0 feet		



TEST PIT LOG

Contract No.: 23209.1D Date: January 2, 2024
Project: Cranberry Station CCES DWK Representative: N. Honegger
Location: Westminster, Maryland
Test Pit No.: DWK-TP-2 Groundwater EL: Dry
Surface Elevation: 840.0 Excavation Equipment: Mini Excavator

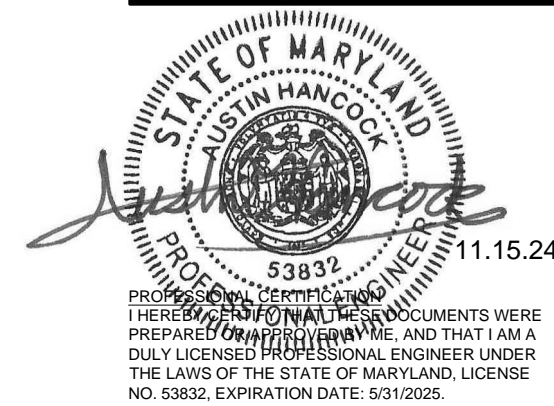
DEPTH (FT.)	ELEV.	SOIL DESCRIPTION AND OBSERVATIONS	STRATUM	REMARKS
0	840.0	Topsoil 6"		
0.5	839.5	FILL, silty sand, with rock fragments, moist, reddish brown	A	FILL
1.0	839.0			
1.5	838.5			
2.0	838.0			
2.5	837.5	Top of Footing @ 2' 2"		
		Bottom of Footing @ 2' 7"		
		SILTY SAND, with rock and rock fragments, moist, tan	B	Residual
3.0	837.0			
		Bottom of Test Pit @ 3.0 feet		



TEST PIT LOG

Contract No.: 23209.1D Date: January 2, 2024
Project: Cranberry Station CCES DWK Representative: N. Honegger
Location: Westminster, Maryland
Test Pit No.: DWK-SWM-1 Groundwater EL: Dry
Surface Elevation: 840.0 Excavation Equipment: Mini Excavator

DEPTH (FT.)	ELEV.	SOIL DESCRIPTION AND OBSERVATIONS	STRATUM	REMARKS
0	840.0	Topsoil 6"		
0.5	839.5	FILL, sandy lean clay, with roots, sub-angular, blocky, moist, brown	A	FILL
1.0	839.0			
1.5	838.5	SANDY SILT, with rock fragments, angular, plate-like, moist, tan	B	Residual
2.0	838.0			
2.5	837.5			
3.0	837.0			
3.5	836.5	SANDY SILT, with rock fragments, angular, blocky, moist, reddish brown		
4.0	836.0			
4.5	835.5			
5.0	835.0			
5.5	834.5			
6.0	834.0	Infiltration Test Depth		
6.5	833.5			
7.0	833.0			
7.5	832.5			



PSC #06.046



CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

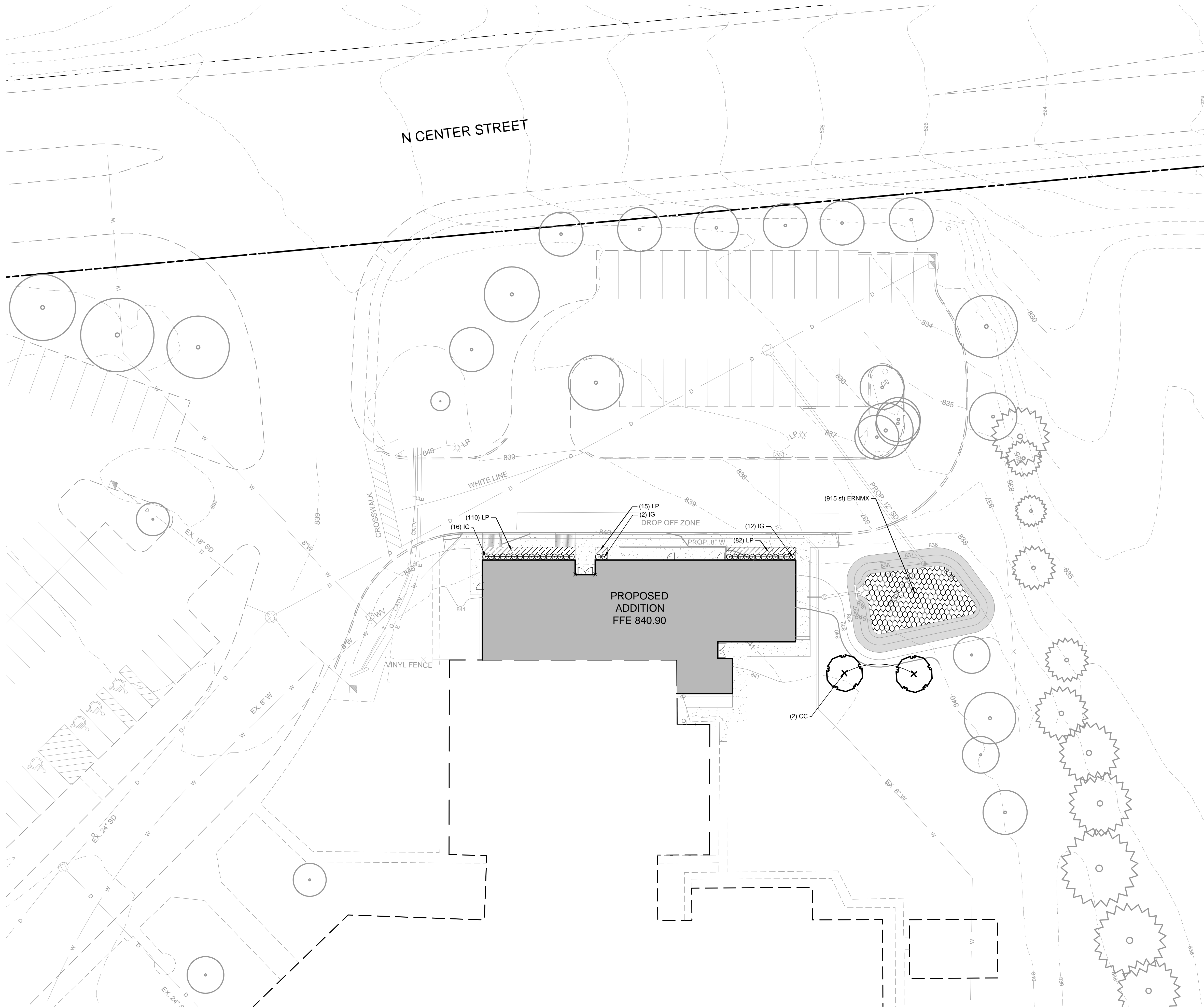
CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO.:	631358
DATE:	
REVISIONS	
DATE	DESCRIPTION
9/27/24	CD PROGRESS SET
10/25/24	95% CD SET

SWM TEST PITS

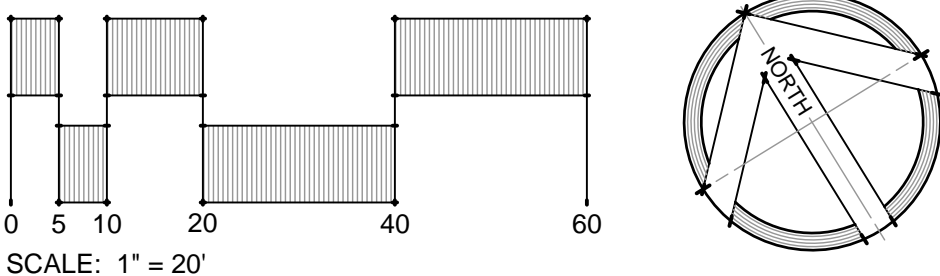
COUNTY FILE NUMBER:
S-23-0029

C522



LEGEND

	PROPERTY LINE
	EXISTING BUILDING
	EXISTING WALK
	EXISTING ROAD
	EXISTING CURB
	EXISTING FENCE
	EXISTING TREES
	EXISTING SHRUBS
	EXISTING STORM DRAIN
	EXISTING WATER
	EXISTING SANITARY SEWER
	EXISTING TELEPHONE
	EXISTING ELECTRIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING LIGHTING
	EXISTING CONTOURS
	EXISTING SOIL GROUP DELINEATION
	PROPOSED BUILDING
	PROPOSED BUILDING OVERHANG
	PROPOSED SIDEWALK
	PROPOSED CURB
	PROPOSED FENCE
	PROPOSED SIGN
	PROPOSED CONTOURS
	PROPOSED ORNAMENTAL TREE
	PROPOSED SHRUBS
	PROPOSED SOD
	PROPOSED SEEDING
	PROPOSED PERENNIAL



COUNTY FILE NUMBER:
S-23-0029

MOSELEYARCHITECTS

1414 KEY HIGHWAY, SECOND FLOOR, BALTIMORE, MD 21230
PHONE (410) 539-4300 FAX (410) 539-0660
MOSELEYARCHITECTS.COM

STATE OF MARYLAND
JAMES CATRICK, III
LANDSCAPE ARCHITECT
No. 3231
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 3231, EXPIRATION DATE: 03/31/2028.

PSC #06.046

**CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS**

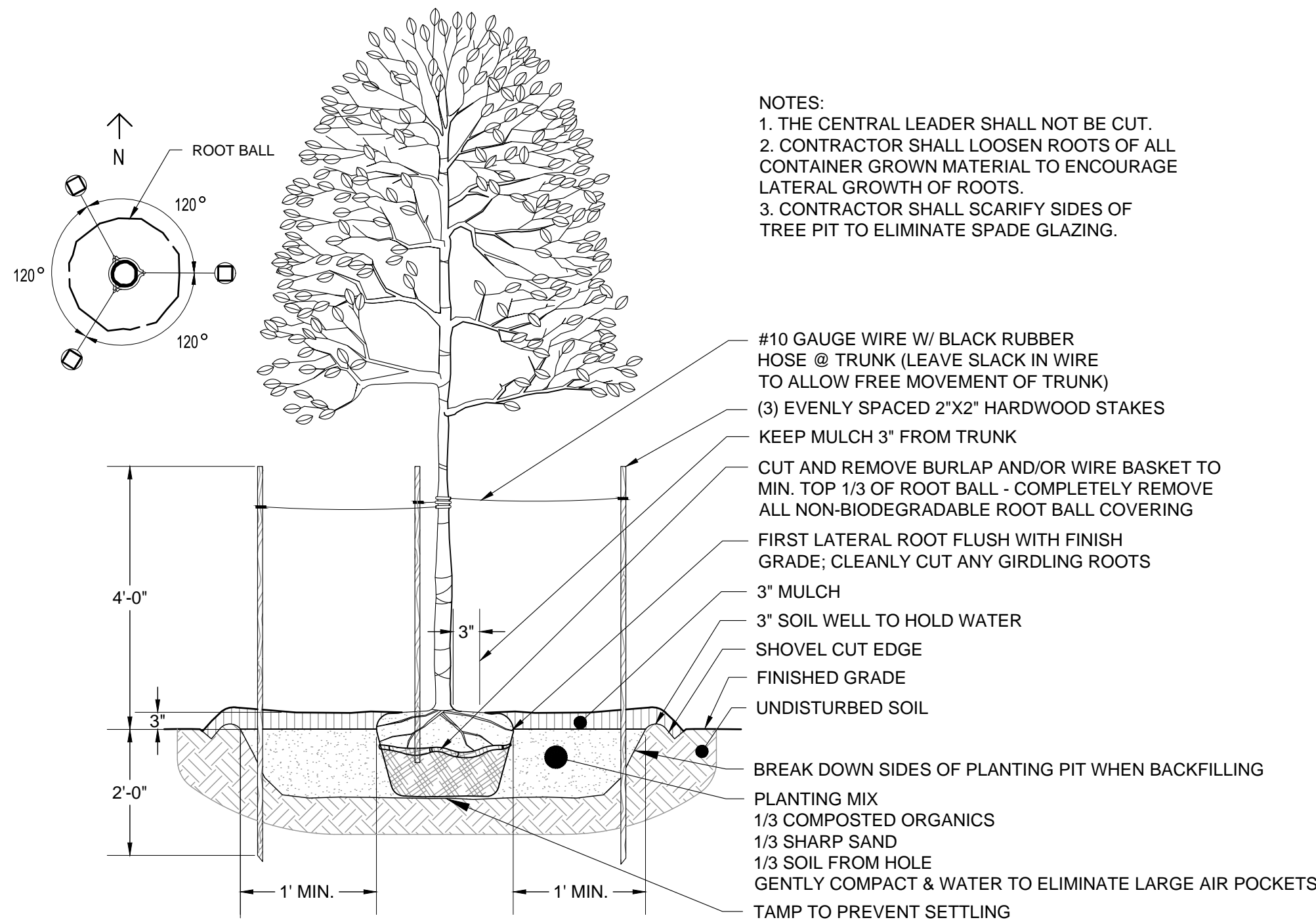
**CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157**

PROJECT NO. 631358
DATE:
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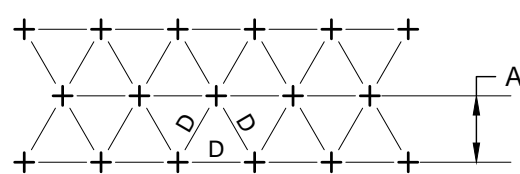
LANDSCAPE PLAN

L101
SHEET 15 OF 16

PLANT SCHEDULE SITE					
CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
ORNAMENTAL TREES					
CC	2	CERCIS CANADENSIS 'APPALACHIAN RED' / APPALACHIAN RED EASTERN REDBUD	2" CAL. / B&B	AS SHOWN	STRONG SINGLE LEADER, HEAVY ARCHT.
SHRUBS					
IG	30	ILEX GLABRA 'SMNIGAB17' / GEM BOX® INKBERRY HOLLY	24" HT / CONT.	AS SHOWN	FULLY BRANCHED; FULL / HEAVY
PERENNIALS, GRASSES, & GROUNDCOVERS					
ERNMX	915 SF	ERNST RAIN GARDEN MIX 180	SEED		1 LB PER 2178 SOFT
LP	207	LIRIOPE SPICATA / CREEPING LILYTURF	1 GAL. CONT.	12" O.C.	FULLY ROOTED CONTAINER



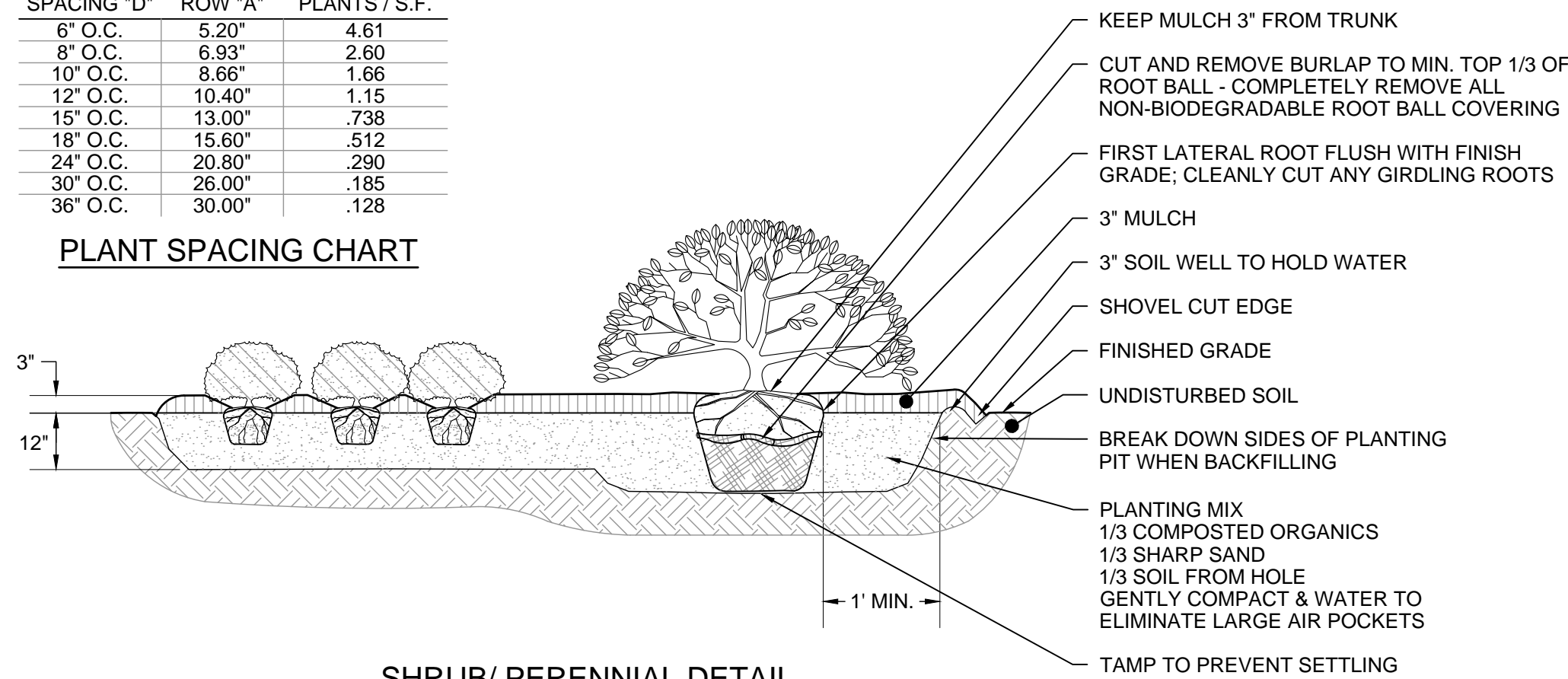
DECIDUOUS TREE DETAIL



NOTE:
FOR USE ONLY WHEN PLANTS
ARE SPACED EQUIDISTANT
FROM EACH OTHER AS SHOWN,
AND SPECIFIED IN THE PLANT
LIST.

SPACING "D"	ROW "A"	PLANTS / S.F.
6" O.C.	5.20"	4.61
8" O.C.	6.93"	2.60
10" O.C.	8.66"	1.66
12" O.C.	10.40"	1.15
15" O.C.	13.00"	.738
18" O.C.	15.60"	.512
24" O.C.	20.80"	.290
30" O.C.	26.00"	.185
36" O.C.	30.00"	.128

PLANT SPACING CHART



SHRUB/ PERENNIAL DETAIL

PLANTING DETAILS

LANDSCAPE NOTES

- (THESE NOTES APPLY TO ALL PLANTING IN THIS CONTRACT)
- QUANTITIES SHOWN ON THE PLANT LIST ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. SYMBOLS ON THE PLAN SHALL TAKE PRECEDENCE. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES TO HIS OWN SATISFACTION.
 - PLANT MATERIAL SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT.
 - PLANT MATERIAL SHALL BE TAGGED AT THE SOURCE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE UNLESS THE REQUIREMENT IS SPECIFICALLY WAIVED.
 - LOCATIONS OF ALL PLANT MATERIAL SHALL BE STAKED FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT.
 - ALL SHRUB AND GROUND COVER AREAS SHALL BE PLANTED IN CONTINUOUS PREPARED BEDS MULCHED WITH COMPOSTED HARDWOOD MULCH AS DETAILED AND SPECIFIED.
 - PLANTING BEDS SHALL HAVE POSITIVE DRAINAGE WITH A MINIMUM 2% SLOPE.
 - CONTRACTOR SHALL VERIFY ACCURACY OF BASE INFORMATION AND EXISTING CONDITIONS AND UTILITIES IN THE FIELD TO HIS OWN SATISFACTION. UTILITIES BID SHALL BE BASED ON ACTUAL SITE CONDITIONS. NO EXTRA PAYMENT SHALL BE MADE FOR WORK ARISING FROM SITE CONDITIONS DIFFERING FROM THOSE INDICATED ON DRAWINGS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 A MINIMUM OF TWO WORKING DAYS PRIOR TO BEGINNING PLANTING AND CONSTRUCTION.
 - DAMAGE TO EXISTING CONDITIONS AND UTILITIES SHALL BE REPAIRED AND RESTORED AT THE EXPENSE OF THE CONTRACTOR.
 - ALL PLANT MATERIAL SHALL BE NURSERY GROWN AND SHALL CONFORM TO AMERICAN NURSERY & LANDSCAPE ASSOCIATION'S AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1.
 - INSTALLATION STANDARDS TO CONFORM TO THE MOST RECENT VERSION OF THE ANSI A300 STANDARDS PART 6 - TRANSPLANTING AND LANDSCAPE SPECIFICATIONS GUIDELINES OF THE LANDSCAPE CONTRACTORS ASSOCIATION, MARYLAND, DISTRICT OF COLUMBIA AND VIRGINIA.
 - PLANTING ON INDIVIDUAL LOTS SHALL BE INSTALLED UPON FINAL GRADING INSPECTION. NO FINAL GRADING APPROVAL SHALL BE GIVEN ON THE BUILDING PERMIT UNTIL LANDSCAPING IS COMPLETE.

MINIMUM LANDSCAPE MAINTENANCE REQUIREMENTS

- LAWN AREAS SHALL BE MOWED TO A HEIGHT OF 2 TO 3 INCHES AND NOT ALLOWED TO REACH A HEIGHT OF 4 INCHES BEFORE MOWING.
- ALL CURBS AND WALKS SHALL BE EDGED AS NEEDED.
- ALL LAWN AREAS ADJACENT TO BUILDING FACES OR STRUCTURES SHALL BE TRIMMED.
- A SLOW RELEASE NITROGEN BALANCED FERTILIZER WITH A 2-1-1 RATIO SHALL BE APPLIED AT A RATE OF 2 POUNDS OF NITROGEN PER 1000 SQUARE FEET IN SEPTEMBER, OCTOBER, AND FEBRUARY.
- LIME SHALL BE APPLIED AT THE RATE DETERMINED BY A SOILS REPORT.
- IT IS RECOMMENDED THAT LAWN AREAS BE TREATED IN MID-MARCH TO EARLY APRIL WITH PRE-EMERGENT HERBICIDE (BETASAN) OR EQUAL APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE.
- A POST-EMERGENT HERBICIDE (TRIMEC) OR EQUAL IS RECOMMENDED TO BE SPRAYED ON LAWN AREAS IN THE LATE SPRING OR THE EARLY FALL. FOLLOW MANUFACTURER'S RATES AND RECOMMENDATIONS.
- INSECTICIDES AND FUNGICIDES ARE RECOMMENDED FOR INSECT AND DISEASE CONTROL.
- RESEED BARE AREAS OF LAWN AS NECESSARY. YEARLY AERATION IS RECOMMENDED.
- ALL TRASH, LITTER, AND DEBRIS SHALL BE REMOVED FROM LAWN AREAS, PARKING LOTS, AND SHRUB BEDS AS NEEDED.
- MULCH ALL SHRUB AND GROUNDCOVER BEDS YEARLY WITH 3 INCHES OF SHREDDED HARDWOOD BARK.
- PERMIT SHRUBS AND TREES TO GROW AND ENLARGE TO THEIR DESIGN SIZE. CONSULT PROJECT LANDSCAPE ARCHITECT FOR DETAILS.
- PRUNE TREES IN ACCORDANCE WITH LANDSCAPE CONTRACTORS ASSOCIATION GUIDELINES.
- THE OWNER OF ANY PROPERTY ON WHICH LANDSCAPING HAS BEEN INSTALLED PURSUANT TO THIS CHAPTER SHALL MAINTAIN THE LANDSCAPING IN GOOD CONDITION WITH PERPETUITY. A LANDSCAPE MAINTENANCE AGREEMENT SHALL BE REQUIRED. FAILURE TO REPLACE DEAD OR DYING PUS OR THE REMOVAL OF ANY INSTALLED PUS IS A VIOLATION OF THIS CHAPTER.

ADDITIONAL LANDSCAPE SPECIFICATION REFERENCES & NOTES

- (THESE NOTES APPLY TO ALL PLANTING IN THIS CONTRACT)
- ALL PLANTS SHALL BE IDENTIFIED IN ACCORDANCE WITH THE LATEST EDITION OF HORTUS THIRD, BY "THE STAFF OF THE HORTORIUM".
 - ALL NURSERY STOCK SHALL CONFORM TO AMERICAN ASSOCIATION OF NURSERYMEN, INC., STANDARDS AS DESCRIBED IN AMERICAN STANDARD FOR NURSERY STOCK, CURRENT ANSI Z60.1 SPECIFICATIONS.
 - LANDSCAPE SPECIFICATIONS SHALL CONFORM TO LANDSCAPE GUIDELINES FOR MARYLAND, WASHINGTON D.C., AND VIRGINIA LATEST EDITION. ALL NURSERY STOCK SHALL BE PLANTED IN ACCORDANCE WITH THE PROCEDURES AND OUTLINED IN THE GUIDELINES.
 - THREE INCHES OF TOPSOIL IS REQUIRED ON ALL DISTURBED AREAS TO BE LANDSCAPED, SEEDED, OR SODDED.

LANDSCAPE INSPECTIONS

- (THESE NOTES APPLY TO ALL PLANTING IN THIS CONTRACT)
- A MINIMUM OF 2 INSPECTIONS WILL BE REQUIRED. NO INSPECTIONS SHALL BE FINALIZED FROM NOVEMBER 1ST TO MARCH 1ST. TO BE CONSIDERED ACCEPTABLE, NO MORE THAN 1/3 OF A PLANT MAY BE DEAD.
- INITIAL INSPECTION: THIS INSPECTION SHALL BE PERFORMED BY THE COUNTY WHEN PLANTING IS COMPLETED TO VERIFY COMPLIANCE WITH THE APPROVED PLANTING PLAN.
 - FINAL INSPECTION: THIS INSPECTION SHALL BE PERFORMED BY THE COUNTY 12 MONTHS AFTER THE INITIAL PLANTING.

Final Landscape Plan Owner Certification Form

I certify that I have reviewed this Final Landscape Plan; that I have read and understand the regulations presented in the Carroll County Landscape Manual; and I agree to comply with these regulations and all applicable policy, guidelines and ordinances. I agree to certify the implementation of this approved Final Landscape Plan no later than one (1) year from the date of approval of this plan to the Department of Planning, Bureau of Resource Management, Room 209, 225 N. Center Street, Westminster, MD 21137-5194.

Applicant's Signature	Date	Print Name		
Address (Please Print)			Street	
City			State	Zip
File #				

COUNTY FILE NUMBER:
S-23-0029

MOSELEYARCHITECTS



PSC #06.046

CRANBERRY STATION ELEMENTARY SCHOOL
PRE-K & KINDERGARTEN ADDITIONS

CARROLL COUNTY PUBLIC SCHOOLS
505 N CENTER ST, WESTMINSTER, MD 21157

PROJECT NO: 631358	
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LANDSCAPE
DETAILS

L201

SHEET 16 OF 16