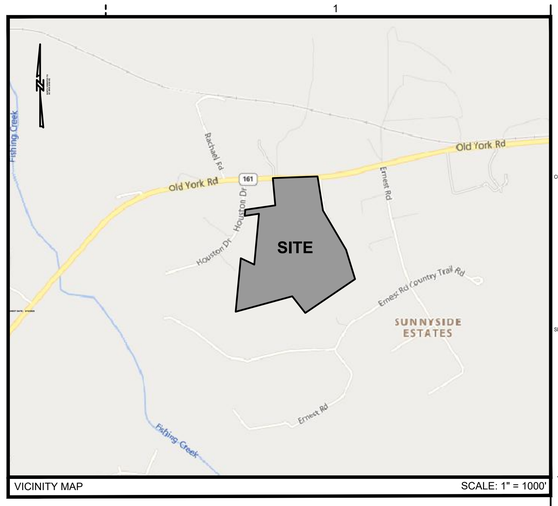
YORK SCHOOL DISTRICT ONE MIDDLE SCHOOL

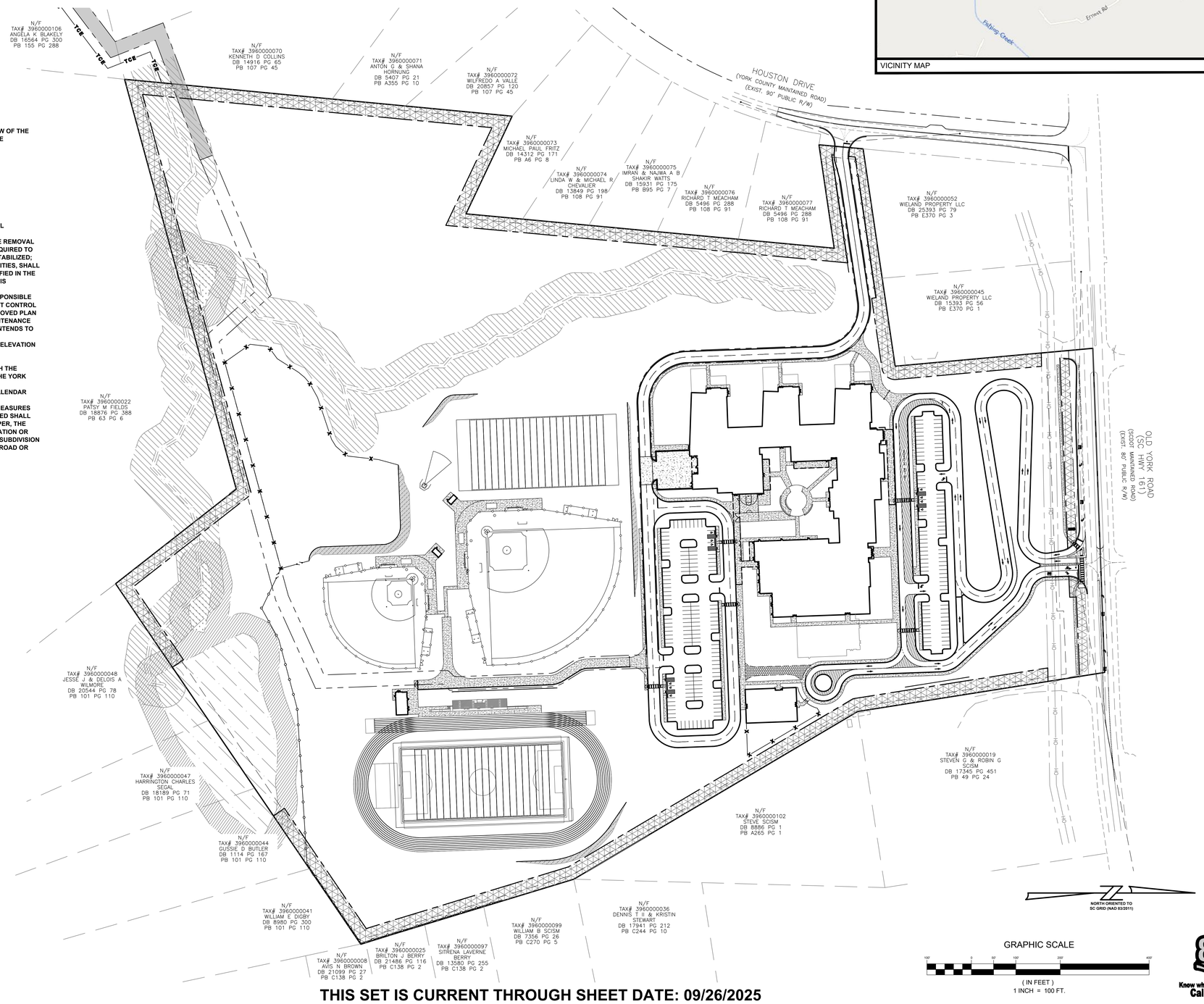
YORK SCHOOL DISTRICT ONE

YORK COUNTY, SOUTH CAROLINA

OWNER:	**YORK SCHOOL DISTRICT 1**
ADDRESS:	**1475 E LIBERTY STREET YORK, SC 29745**
OWNER: CONTACT: EMAIL:	**(803) 684-9916 AMY HAGNER AHAGNER@YORK.K12.SC.US**
ARCHITECT:	**JUMPER CARTER SEASE ARCHITECTS**
ADDRESS:	**412 MEETING STREET WEST COLUMBIA, SC 29169**
PHONE: CONTACT: EMAIL:	**(803) 791-1020 TODD SEASE, AIA, LEED TODD@JCSARCHITECTS.COM**
ENGINEERING FIRM:	**ESP ASSOCIATES, INC.**
ADDRESS:	**3475 LAKEMONT BLVD. FORT MILL, SC 29708**
PHONE: CONTACT: EMAIL:	**(803) 802-2440 RYAN C. TURNER, P.E. RTURNER@ESPASSOCIATES.COM**
SURVEYOR OF RECORD:	**G3 ENGINEERING & SURVEYING**
ADDRESS:	**900 EAST NORTH SUITE 210 GREENVILLE, SC 29601**
PHONE: CONTACT: EMAIL:	**(843) 237-1001 CHRISTOPHER BEDFORD, PLS CBEDFORD@G3SURVEYING.ORG**



VICINITY MAP SCALE: 1" = 1000'



GRAPHIC SCALE
100' 0 50' 100' 200' 400'
(IN FEET)
1 INCH = 100 FT.

STATEMENT FOR ABANDONED CEMETERY:

THE DEVELOPER OR PROPERTY OWNER HAS CONFIRMED THROUGH A TITLE SEARCH AND A REVIEW OF THE HISTORIC SURVEY OF YORK COUNTY MAINTAINED BY THE YORK COUNTY CULTURAL AND HERITAGE COMMISION STAFF THAT NO NOWN ABANDONED CEMETERIES EXIST ON THE PROPERTY.

YORK COUNTY STANDARD NOTES:

1. **FOLLOWING THE PRE-CONSTRUCTION CONFERENCE, CONTACT YORK COUNTY ENVIRONMENTAL COMPLIANCE AT (803) 909-7250 NOT LESS THAN 48 HOURS BEFORE COMMENCEMENT OF THE LAND-DISTURBING ACTIVITY. THE PERMITTEE SHALL ALSO CONTACT YORK COUNTY AFTER THE REMOVAL OF THE TEMPORARY SEDIMENT CONTROL MEASURES AND THE CONVERSION OF ANY BMPS REQUIRED TO BE CONVERTED INTO PERMANENT CONTROL MEASURES, ONCE THE SITE HAS BEEN FINALLY STABILIZED;**
2. **NO STAGE OF WORK, RELATED TO THE CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES, SHALL PROCEED TO THE NEXT SUBSEQUENT STAGE OF WORK, ACCORDING TO THE SEQUENCE SPECIFIED IN THE APPROVED C-SWPPP STAGED CONSTRUCTION AND INSPECTION CONTROL SCHEDULE UNTIL IT IS INSPECTED AND APPROVED BY YORK COUNTY.**
3. **THE PERMITTEE ENGAGED IN OR CONDUCTING THE LAND-DISTURBING ACTIVITY SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING THE DEVELOPMENT OF A SITE, AS REQUIRED BY THE APPROVED PLAN OR ANY PROVISION OF THE YORK COUNTY STORMWATER ORDINANCE. OPERATIONS AND MAINTENANCE CONDITIONS SHALL BE INCLUDED IN THE PLAN OUTLINING HOW THE PERMITTEE AND OWNER INTENDS TO PROVIDE FOR OPERATIONS AND MAINTENANCE DURING AND POST CONSTRUCTION;**
4. **STOCKPILES SHALL BE TEMPORARY AND SHALL BE LEVELED TO CONFORM TO SURROUNDING ELEVATION AS A PRECONDITION FOR ANY OF THE FOLLOWING, WHICHEVER OCCURS FIRST:**
   - **A. REQUEST FOR A NOTICE OF TERMINATION, OR;**
   - **B. REQUEST FOR YORK COUNTY ACCEPTANCE OF A ROAD OR STREET IN ACCORDANCE WITH THE ROAD/STREET ACCEPTANCE REQUIREMENTS OF CHAPTER 154 – SUBDIVISION CODE OF THE YORK COUNTY CODE OF ORDINANCES.**
5. **AREAS AT FINAL GRADE SHALL RECEIVE PERMANENT STABILIZATION MEASURES WITHIN 14 CALENDAR DAYS OF REACHING FINAL GRADE;**
6. **THE RESPONSIBILITY FOR MAINTAINING ALL PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES, INCLUDING EASEMENTS, AFTER SITE LAND-DISTURBING ACTIVITY IS COMPLETED SHALL LIE WITH THE LANDOWNER OR PERSON IN POSSESSION OR CONTROL INCLUDING THE DEVELOPER, THE DEVELOPER'S DESIGNEE, OR ANY HOMEOWNER'S ASSOCIATION, PROPERTY OWNER'S ASSOCIATION OR OTHER COMMON OWNER ENTITY ESTABLISHED FOR THE GOVERNANCE/ADMINISTRATION OF A SUBDIVISION OR COMMON PLAN OF DEVELOPMENT, EXCEPT FACILITIES AND MEASURES INSTALLED WITHIN ROAD OR STREET RIGHTS-OF-WAY OR EASEMENTS ACCEPTED FOR MAINTENANCE BY YORK COUNTY;**
7. **APPROVED PLANS REMAIN VALID FOR FIVE YEARS FROM THE DATE OF AN APPROVAL.**

DESIGN PROFESSIONAL'S CERTIFICATION

I have placed my signature and seal on the design documents submitted signifying that I accept responsibility for the design of the system. Further, I certify to the best of my knowledge and belief that the design is consistent with the requirements of Title 48, Chapter 14 of the Code of Laws of SC, 1976 as amended, pursuant to Regulation 72-300 et seq. (if applicable), and in accordance with the terms and conditions of SCR100000. I also certify that this plan is designed to contain sediment on the property concerned and to provide for the control of stormwater runoff from the property and that, to the best of my knowledge and belief, all the provisions are in accordance with Chapter 152 - Stormwater Management and Sediment Control of the York County Code of Ordinances.

Date

Registered Landscape Architect
Registered Tier B Land Surveyor
Registered Professional Engineer

APPLICANT'S CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I hereby certify that, to the best of my knowledge, these plans contain all information required by Chapter 152 – Stormwater Management and Sediment Control of the York County Code of Ordinances and as referenced by this application. I hereby certify that all land disturbing activities including clearing, grading, construction and/or development will be done pursuant to this plan and agree to indemnify any person damaged by failure to comply with the approved plan. County and state authorities will be allowed to enter upon the project site at any reasonable time provided they present appropriate credentials.

4-8-25
Date

Amy Hagner
Applicant

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

THIS SET IS CURRENT THROUGH SHEET DATE: 09/26/2025

Know what's below. Call before you dig.

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — CERTIFICATE OF AUTHORIZATION — SOUTH CAROLINA

RYAN C. TURNER — No. 030911 — PROFESSIONAL ENGINEER — SOUTH CAROLINA

2025.09.26 23:22:40-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:
COVER SHEET

SHEET NO. C-000

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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V:\24-02005 - YSD1 New Middle School (JCSA)_2\4-02005\Sheets\24-02005-COVR.dwg, C-000, dhagins

INDEX OF SHEETS			
SHEET NO.	SHEET TITLE	ORIGINAL DATE	REVISION DATE
C-000	COVER SHEET	04/16/2025	09/26/2025
C-001	SHEET INDEX	04/16/2025	09/26/2025
C-002	SITE DEVELOPMENT NOTES - SHEET 1 OF 2	04/16/2025	09/05/2025
C-003	SITE DEVELOPMENT NOTES - SHEET 2 OF 2	04/16/2025	09/05/2025
C-004	SITE DEVELOPMENT DETAILS - SHEET 1 OF 8	04/16/2025	09/05/2025
C-005	SITE DEVELOPMENT DETAILS - SHEET 2 OF 8	04/16/2025	09/05/2025
C-006	SITE DEVELOPMENT DETAILS - SHEET 3 OF 8	04/16/2025	09/26/2025
C-007	SITE DEVELOPMENT DETAILS - SHEET 4 OF 8	04/16/2025	09/05/2025
C-008	SITE DEVELOPMENT DETAILS - SHEET 5 OF 8	04/16/2025	09/05/2025
C-009	SITE DEVELOPMENT DETAILS - SHEET 6 OF 8	04/16/2025	09/05/2025
C-010	SITE DEVELOPMENT DETAILS - SHEET 7 OF 8	04/16/2025	09/05/2025
C-011	SITE DEVELOPMENT DETAILS - SHEET 8 OF 8	04/16/2025	09/05/2025
C-012	ATHLETIC DETAILS - SHEET 1 OF 2	04/16/2025	09/26/2025
C-013	ATHLETIC DETAILS - SHEET 2 OF 2	04/16/2025	09/26/2025
C-100	EXISTING CONDITIONS AND DEMOLITION PLAN	04/16/2025	09/05/2025
C-200	OVERALL SITE PLAN	04/16/2025	09/26/2025
C-201	SITE PLAN - SHEET 1 OF 2	04/16/2025	09/05/2025
C-202	SITE PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-203	SITE CURB PLAN - SHEET 1 OF 2	04/16/2025	09/05/2025
C-204	SITE CURB PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-205	SCHOOL BUS MOVEMENT PLAN	04/16/2025	09/26/2025
C-206	SIGNAGE PLAN - SHEET 1 OF 2	04/16/2025	09/05/2025
C-207	SIGNAGE PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-208	SIGHT DISTANCE PLAN & PROFILE - SHEET 1 OF 2	04/16/2025	09/05/2025
C-209	SIGHT DISTANCE PLAN & PROFILE - SHEET 2 OF 2	04/16/2025	09/05/2025
C-210	OVERALL COMMON OPEN SPACE AND AMENITY PLAN	04/16/2025	09/26/2025
C-300	OVERALL GRADING PLAN	04/16/2025	09/26/2025
C-301	GRADING PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-302	GRADING PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-303	BMP 1 - DRY DETENTION POND PLAN	04/16/2025	09/26/2025
C-400	STORM DRAINAGE SYSTEM PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-401	STORM DRAINAGE SYSTEM PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-402	STORM DRAINAGE AREA PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-403	STORM DRAINAGE AREA PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-404	STORM SYSTEM A PROFILES - SHEET 1 OF 5	04/16/2025	09/05/2025
C-405	STORM SYSTEM A PROFILES - SHEET 2 OF 5	04/16/2025	09/05/2025
C-406	STORM SYSTEM A PROFILES - SHEET 3 OF 5	04/16/2025	09/05/2025
C-407	STORM SYSTEM A PROFILES - SHEET 4 OF 5	04/16/2025	09/05/2025
C-408	STORM SYSTEM A PROFILES - SHEET 5 OF 5	04/16/2025	09/05/2025
C-409	STORM SYSTEM B PROFILES - SHEET 1 OF 3	04/16/2025	09/05/2025
C-410	STORM SYSTEM B PROFILES - SHEET 2 OF 3	04/16/2025	09/05/2025
C-411	STORM SYSTEM B PROFILES - SHEET 3 OF 3	04/16/2025	09/05/2025
C-412	BMP OUTFALL & OFFSITE STORM SYSTEM PROFILES	04/16/2025	09/05/2025
C-500	OVERALL EROSION CONTROL PHASE 1 PLAN	04/16/2025	09/05/2025
C-500B	OFFSITE SEWER TRUNKLINE EROSION CONTROL PHASE 1	04/16/2025	09/05/2025
C-501	EROSION CONTROL PHASE 1 PLAN - SHEET 1 OF 2	04/16/2025	09/05/2025
C-502	EROSION CONTROL PHASE 1 PLAN - SHEET 2 OF 2	04/16/2025	09/05/2025
C-503	OVERALL EROSION CONTROL PHASE 2 PLAN	04/16/2025	09/26/2025
C-503B	OFFSITE SEWER TRUNKLINE EROSION CONTROL PHASE 2	04/16/2025	09/05/2025
C-504	EROSION CONTROL PHASE 2 PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-505	EROSION CONTROL PHASE 2 PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-506	OVERALL EROSION CONTROL PHASE 3 PLAN	04/16/2025	09/26/2025
C-507	EROSION CONTROL DETAILS - SHEET 1 OF 4	04/16/2025	09/05/2025
C-508	EROSION CONTROL DETAILS - SHEET 2 OF 4	04/16/2025	09/05/2025
C-509	EROSION CONTROL DETAILS - SHEET 3 OF 4	04/16/2025	09/26/2025
C-510	EROSION CONTROL DETAILS - SHEET 4 OF 4	04/16/2025	09/05/2025
C-600	FIRE LIFE SAFETY PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-601	FIRE LIFE SAFETY PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-700	UTILITY PLAN - SHEET 1 OF 2	04/16/2025	09/26/2025
C-701	UTILITY PLAN - SHEET 2 OF 2	04/16/2025	09/26/2025
C-702	OFFSITE SEWER TRUNKLINE PLAN & PROFILE - EXIST. MH TO MH-6	04/16/2025	09/05/2025
C-703	OFFSITE SEWER TRUNKLINE PLAN & PROFILE - MH-6 TO MH-15	04/16/2025	09/05/2025
C-704	SANITARY SEWER PLAN & PROFILE - MH-15 TO MH-P5	04/16/2025	09/05/2025
C-705	SANITARY SEWER PLAN & PROFILE - MH-P5 TO MH-P8	04/16/2025	09/26/2025
C-706	SANITARY SEWER PLAN & PROFILE - MH-P8 TO MH-P12	04/16/2025	09/05/2025
C-707	WATER DETAILS - SHEET 1 OF 3	04/16/2025	09/05/2025
C-708	WATER DETAILS - SHEET 2 OF 3	04/16/2025	09/05/2025
C-709	WATER DETAILS - SHEET 3 OF 3	04/16/2025	09/05/2025
C-710	SEWER DETAILS	04/16/2025	09/05/2025
L-100	CODE LAND PLAN OVERALL - SHEET 1 OF 4	04/16/2025	09/05/2025
L-101	CODE LAND PLAN - SHEET 2 OF 4	04/16/2025	09/05/2025
L-102	CODE LAND PLAN - SHEET 3 OF 4	04/16/2025	09/05/2025
L-103	LANDSCAPE NOTES & DETAILS - SHEET 4 OF 4	04/16/2025	09/05/2025
L-104	TREE PROTECTION PLAN	04/16/2025	09/05/2025
OS-100	OLD YORK ROAD IMPROVEMENT & PAVEMENT MARKING PLAN	04/16/2025	09/05/2025
OS-200	OLD YORK ROAD GRADING PLAN	04/16/2025	09/05/2025
OS-201	HOUSTON DRIVE GRADING PLAN & PROFILE	09/05/2025	
OS-300	PAVEMENT MARKING DETAILS	04/16/2025	09/05/2025
OS-301	TRAFFIC CONTROL DETAILS	04/16/2025	09/05/2025
CS-100	RECOMBINATION BOUNDARY SURVEY - SHEET 1 OF 2	1/24/2025	09/05/2025
CS-101	RECOMBINATION BOUNDARY SURVEY - SHEET 2 OF 2	1/24/2025	09/05/2025
CS-200	TOPOGRAPHY SURVEY	12/20/2024	09/05/2025
P-100	PHOTOMETRIC PLAN	8/1/2025	09/26/2025

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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

THIS SET IS CURRENT THROUGH SHEET DATE: 09/26/2025

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mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

No. 030911 — REGISTERED LANDSCAPE ARCHITECT — R. C. TURNER

2025.09.29 23:22:44-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE: 04/16/2025
PHASE: BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
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PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
SHEET INDEX

SHEET NO. C-001

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

V:\24-02005 - YSD1 New Middle School (ATEI)_24-02005\Sheets\24-02005-COVR.dwg, C-001, dhiggins

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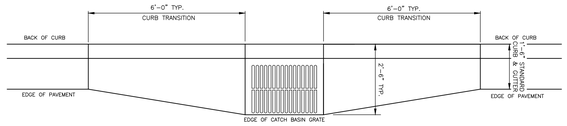
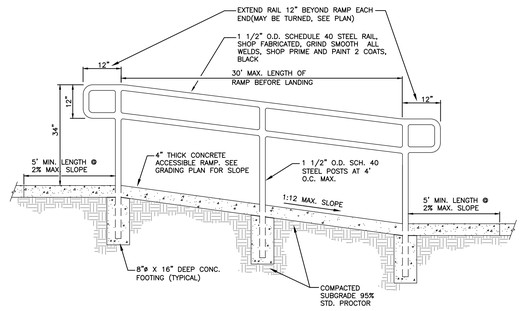


NOT TO SCALE

CURB TRANSITION FOR CATCH BASIN PLACEMENT



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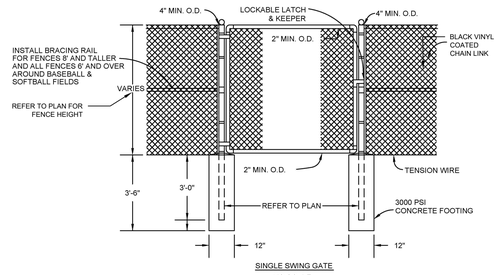
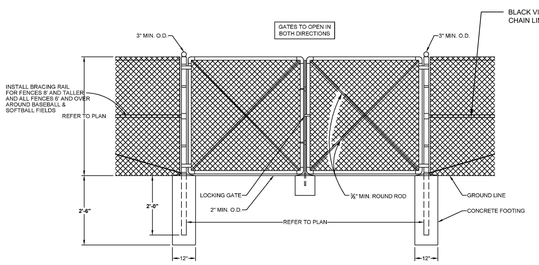
TUBULAR STEEL HANDRAIL



SINGLE SWING GATE
NO SCALE

NOT TO SCALE

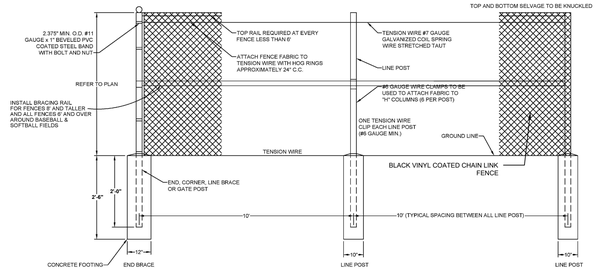
SINGLE SWING GATE



DOUBLE SWING GATE
NO SCALE

NOT TO SCALE

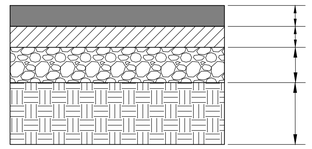
DOUBLE SWING GATE



STANDARD CHAIN LINK FENCE
NO SCALE

NOT TO SCALE

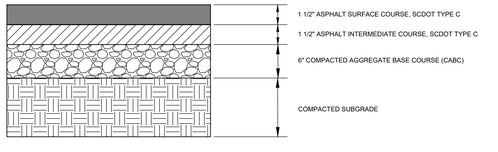
CHAIN LINK FENCE



NOTE: ALL STONE TO BE COMPACTED TO 100% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY

NOT TO SCALE

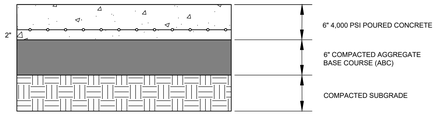
HEAVY DUTY PAVEMENT



NOTE: ALL STONE TO BE COMPACTED TO 100% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY

NOT TO SCALE

LIGHT DUTY PAVEMENT

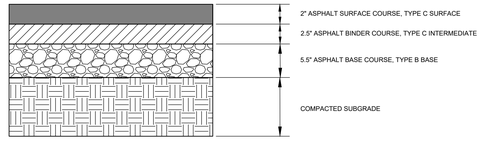


NOTES:
1. SAW JOINT SHALL BE PROVIDED AT 12½ FOOT SPACING (MAXIMUM).
2. SLAB SHALL BE REINFORCED WITH 6x6 W1.4/W1.4 WELDED WIRE MESH (MINIMUM).

NOTE: ALL STONE TO BE COMPACTED TO 100% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY

NOT TO SCALE

HEAVY DUTY CONCRETE PAVEMENT DETAIL



NOTE: ALL STONE TO BE COMPACTED TO 100% OF ITS STANDARD PROCTOR MAXIMUM DRY DENSITY

NOTE: PAVEMENT SECTION TO BE USED WITHIN SCDOT R/W

NOT TO SCALE

SCDOT FULL DEPTH ASPHALT PAVEMENT

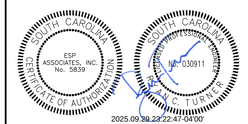
ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

Know what's below. Call before you dig.

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS



YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	07/21/2025	REVISED PER AGENCY COMMENTS
2	09/05/2025	REVISED PER AGENCY COMMENTS
3	09/26/2025	ADDENDUM NO. 1

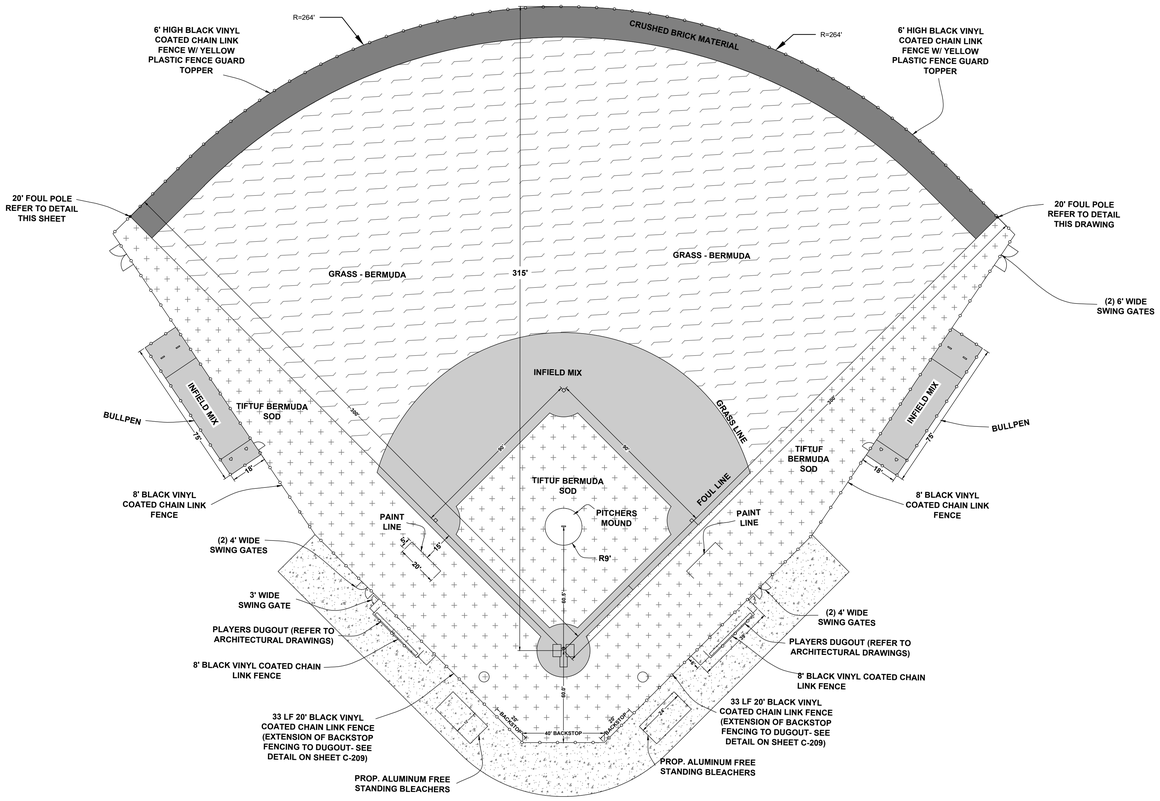
PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:
SITE DEVELOPMENT DETAILS - SHEET 3 OF 8

SHEET NO.
C-006

PROJ. NO.
025438/25003

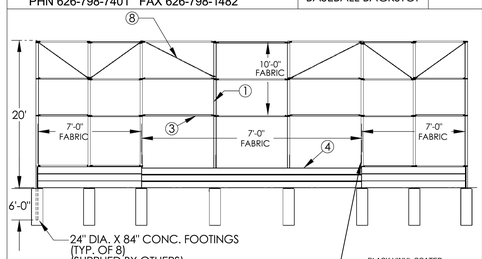
ESP PRJECT NO: 24-02005



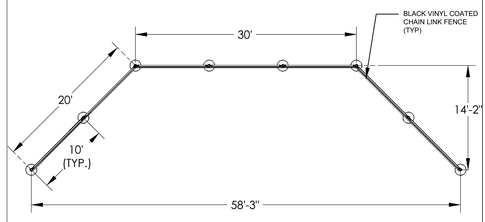
STEELCRAFT PRODUCTS

P.O. Box 90365 - Pasadena, CA 91109
PHN 626-798-7401 FAX 626-798-1482

MODEL
BS-25-ADA
BASEBALL BACKSTOP



ELEVATION VIEW



PLAN VIEW

NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE

DO NOT SCALE DRAWING	DATE: 11/30/11	DRAWN BY: AFS

STEELCRAFT PRODUCTS

P.O. Box 90365 - Pasadena, CA 91109
PHN 626-798-7401 FAX 626-798-1482

MODEL
BS-25-ADA
BASEBALL BACKSTOP

ASSEMBY INSTRUCTIONS

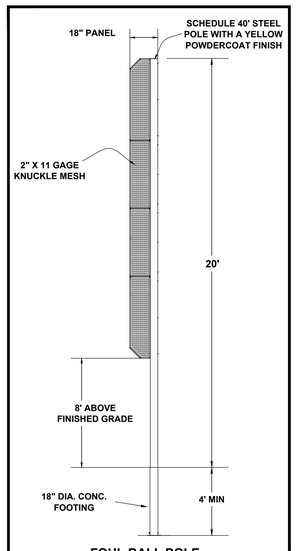
BE SURE THE AREA IS REASONABLY LEVEL BEFORE DIGGING FOOTING HOLES.

1. LOCATE AND DIG EIGHT (8) FOOTING HOLES AT 24" DIA. X 84" DEEP AS SHOWN ON SHEET 1.
2. PLACE THE 4-1/2" OD POSTS IN THE FOOTING HOLES AND SUPPORT IN A PLUMB POSITION WITH THE TOP OF THE POST AT 20'-0" ABOVE FINISHED GRADE.
3. POUR CONCRETE IN THE FOOTING HOLES AND WAIT 17 HOURS BEFORE PROCEEDING.
4. PLACE THE PLANK TO COLUMN CONNECTOR BRACKETS ON THE PIPE COLUMNS. MAKE SURE THE RIGHT AND LEFT HAND BRACKETS ARE IN THE PROPER LOCATIONS AT THE CORNERS.
5. PLACE THE BRACE BANDS IN THE LOCATIONS WITH THE END CUPS IN PLACE FOR INSTALLING THE HORIZONTAL BRACES **(HORIZ. BRACES MUST BE FIELD CUT TO DESIRED LENGTH)**. START AT THE TOP AND THE SPACING IS TO BE 5'-0". USE THE 5/16" CARRIAGE BOLTS, LOCK WASHERS AND NUTS FOR ATTACHMENT.
6. PLACE THE CAPS ON THE COLUMNS.
7. SET THE CENTER PLANK TO COLUMN CONNECTOR BRACKET TO THE PROPER GRADE AND LINE WITH THE 5/8" SOCKET SET SCREWS. USING A LEVEL, SET THE REMAINDER OF THE BRACKETS TO LINE AND GRADE.
8. DETERMINE WHERE THE ½" HOLES IN THE 2X12 PLANKS NEED TO BE DRILLED. DRILL THE HOLES AND MARK THE BOARDS TO BE INSTALLED LATER. TRIM THE ENDS OF THE BOARDS TO INSURE A TIGHT END FIT.
9. INSTALL THE TRUSS RODS AND TRUSS TIGHTENERS USING THE BRACE BANDS. TIGHTEN THE RODS TWO TURNS BEYOND HAND TIGHT WITH A WRENCH.
10. INSTALL THE WIRE FABRIC USING STANDARD FENCING METHODS **(COMPLYING TO ASTM CHAIN LINK FENCE STANDARDS)**. THE UPPER TWO ROWS OF FABRIC IS 10 ft. THE BOTTOM ROW OF FABRIC IS 7 FT.
11. INSTALL THE BACKBOARDS USING THE 3/8" X 2-1/2" CARRIAGE BOLTS/NUTS/WASHERS.

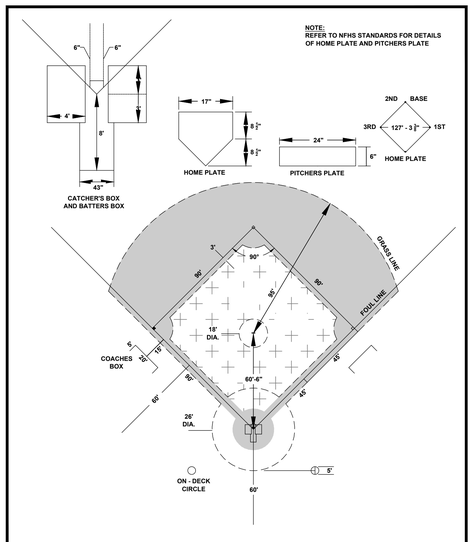
NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE

DO NOT SCALE DRAWING	DATE: 11/30/11	DRAWN BY: AFS

BASEBALL FIELD BACKSTOP DETAIL
NTS

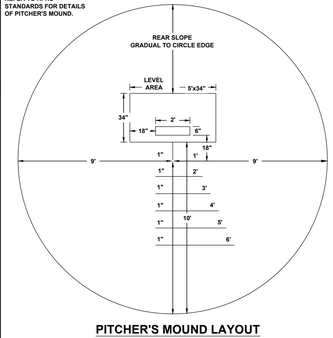


FOUL BALL POLE
NO SCALE

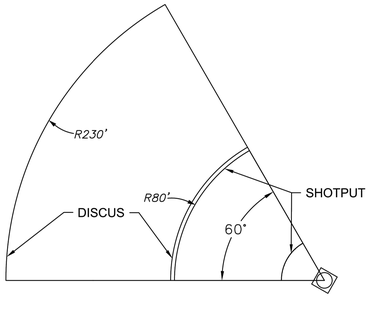


BASEBALL FIELD - INFIELD
NO SCALE

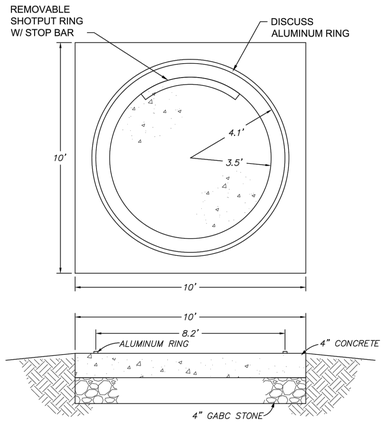
NOTE:
REFER TO NFHS STANDARDS FOR DETAILS OF PITCHER'S MOUND.



PITCHER'S MOUND LAYOUT
NO SCALE



DISCUS THROW/ SHOTPUT
NO SCALE



DISCUS THROW/ SHOTPUT PAD DETAIL
NO SCALE

NOTES:

1. DETAILS TAKEN FROM NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS) - "COURT AND FIELD DIAGRAM GUIDE" - 2014 EDITION

2. LAYOUT FOR REFERENCE ONLY - FIELD EVENTS TO BE INSTALLED IN AREAS DESIGNATED ON SITE PLAN

3. TRACK LAYOUT & DESIGN TO BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION

4. SLOPES ON TRACK AND FIELD EVENT SURFACES SHALL ACHIEVED BY MAXFLEX BL SURFACE COURSE OR APPROVED EQUAL.

5. TRACK STRIPING PROVIDED FOR REFERENCE ONLY. TRACK STRIPING, MARKINGS, AND COLORS SHALL BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.

NOTES:

1. DETAILS TAKEN FROM NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS) - "COURT AND FIELD DIAGRAM GUIDE" - 2014 EDITION

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839
SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
No. 030911
REGISTERED PROFESSIONAL ENGINEER
R. C. TURNER
2025.09.29 23:22:51-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
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2	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
ATHLETIC DETAILS - SHEET 1 OF 2

SHEET NO. C-012

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

ESP
ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

Know what's below. Call before you dig.

V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-SITE DETAILS.dwg, ATHLETIC DETAILS - SHEET 1, 9/29/2025 11:22:51 PM, CKY

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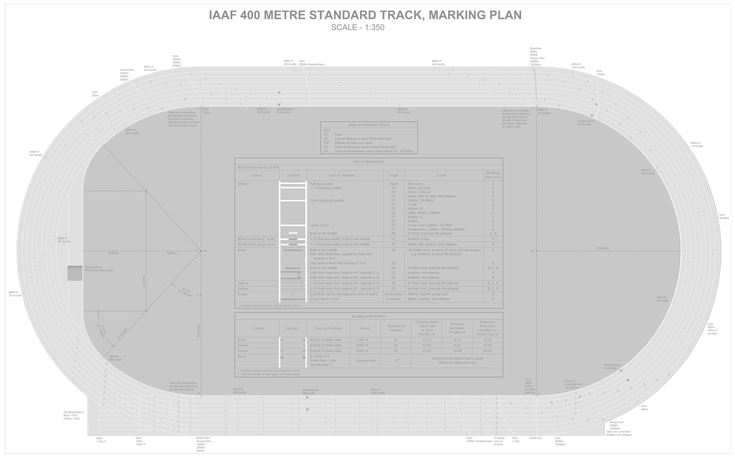


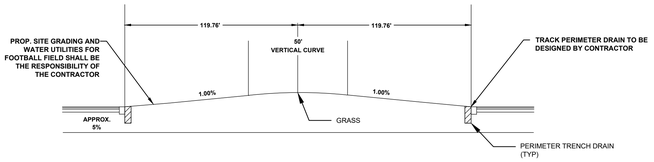
CONSTRUCTION MEASUREMENTS	m
Construction radius of curve (including the raised kerb on inside of track)	36.500
Radius of measurement line (line of running) in lane 1 (0.30m outside raised kerb)	36.392
Length of each straight section	84.390
Length of each bend on construction line (kerb line)	114.698
Length of each bend on measurement line	115.111
Length of track on construction line (kerb line)	398.176
Length of track along line of running	400.007
Width of lane (including 0.05m on outside)	1.220
Length of Steeplechase leg along line of running where the water jump is inside the 400m track	396.089
All radius distances are measured in a clockwise direction from the edge of the field the runner is on the start to the edge of the appropriate line farther from the field.	
All bend distances are measured 0.20m from the kerb.	
With measuring tape on straights only, with theodolite on the bends according to the centre angles of the central arc segments.	
Tape measure may be used on bends only as a backup method. E.g. checking, consulting and supplementing. In each lane, always measure from the start (A,C) or end (B,D) of the arc.	

Lane staggers in m, measurement line distance 0.20m from lane line Width of lanes 1.22									
Distance of Lane Running	Marking Bend Area	Bends Start Lanes	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6	Lane 7	Lane 8
200	C	1	3.519	7.053	11.185	15.617	18.859	22.605	26.216
400	A	2	7.098	14.764	22.370	29.994	37.795	45.346	53.052
600	A	1	3.536	7.084	11.268	15.131	19.041	22.688	26.632
4x400	A	3	10.564	22.666	33.693	45.180	56.761	68.303	79.963

© IAAF 2008

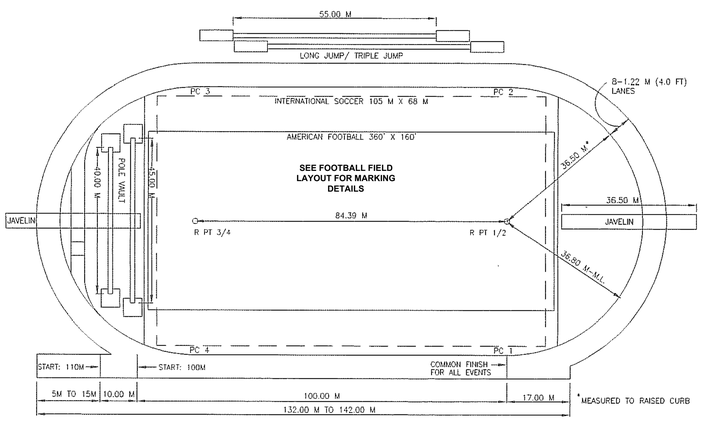
Figure 2.2.1.1a - Marking plan for the IAAF 400m Standard Track

FOR TRACKING MARKING ONLY

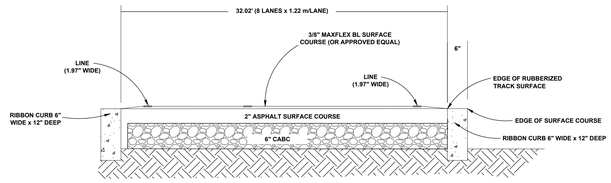


FOOTBALL / SOCCER FIELD AND RUNNING TRACK DETAIL
NO SCALE

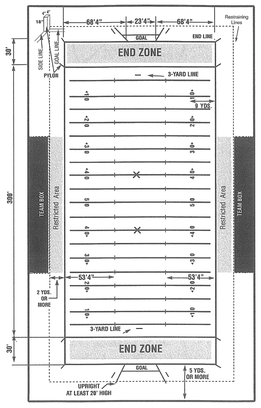
400 METER STANDARD IAAF TRACK



400 METER STANDARD IAAF TRACK
NO SCALE

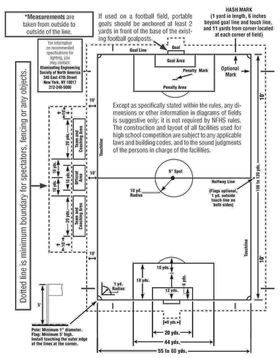


TRACK SECTION AND STRIPING DETAIL
NO SCALE



14

FOOTBALL FIELD LAYOUT
NO SCALE
(FOR INFORMATION ONLY)


*Measurements are taken from outside to outside of the lines.
For information purposes only. Specifications for lighting are provided by Musco Sports Lighting, LLC. Consulting Engineering Society of North America (CESNA) Format New York, NY 10017 212-248-5000
It used on a football field, portable goals should be anchored at least 2 yards in front of the base of the existing football goalposts.
HASH MARK
(1 yard in length, 6 inches beyond goal line and touch line, and 11 yards from corner; located at each corner of field)
Except as specifically stated within the rules, any dimensions or other information in diagrams of fields is suggestive only; it is not required by NFHS rules. The construction and layout of all facilities used for high school competition are subject to any applicable laws and building codes, and to the sound judgments of the persons in charge of the facilities.
Dotted line is minimum boundary for spectators, fencing or any objects.
Goal Area
Penalty Area
Optional Mark
Hashmarks
Sideline
Runback Area
Runback Area
Runback Area

LEGEND

- PROP. CONCRETE SIDEWALK
- PROP. STORM DRAINAGE EASEMENT (SDE)
- PROP. PERIMETER BUFFER
- EXIST. WETLANDS
- PROP. WETLANDS BUFFER
- PROP. TREE SAVE AREA

PAVEMENT SCHEDULE

- HEAVY DUTY PAVEMENT
- LIGHT DUTY PAVEMENT
- HEAVY DUTY CONCRETE
- SCDOT FULL DEPTH PAVEMENT (REFER TO DETAIL ON C-200)

PAVEMENT NOTES:

HEAVY DUTY PAVEMENT SECTION :

2-INCH HOT LAID ASPHALT SURFACE COURSE (SCDOT TYPE C)
2-INCH HOT LAID ASPHALT INTERMEDIATE COURSE (SCDOT TYPE C)
8-INCH COMPACTED AGGREGATE BASE COURSE (C.A.B.C.)

LIGHT DUTY PAVEMENT SECTION :

1.5-INCH HOT LAID ASPHALT SURFACE COURSE (SCDOT TYPE C)
1.5-INCH HOT LAID ASPHALT INTERMEDIATE COURSE (SCDOT TYPE C)
6-INCH COMPACTED AGGREGATE BASE COURSE (C.A.B.C.)

EMERGENCY ACCESS PAVEMENT SECTION :

2-INCH HOT LAID ASPHALT SURFACE COURSE (SCDOT TYPE C)
8-INCH COMPACTED AGGREGATE BASE COURSE (C.A.B.C.)

REINFORCED CONCRETE PAVEMENT SECTION:

6-INCH PORTLAND CEMENT CONCRETE
6-INCH COMPACTED AGGREGATE BASE COURSE (C.A.B.C.)

PROPOSED PARKING DATA

REQUIRED PARKING:

- REQUIRED MIDDLE SCHOOL PARKING:
2 SPACE / CLASSROOM x 41 CLASSROOMS = 82 SPACES
- REQUIRED ATHLETICS PARKING:
1 SPACE / 6 SPECTATORS x 599 SEATS = 100 SPACES
- REQUIRED ADMINISTRATION PARKING:
1 SPACE / 300 SF x 15,000 SF = 50 SPACES

- REQUIRED TOTAL CAMPUS PARKING: 232 SPACES

A. MIDDLE SCHOOL FRONT PARKING LOT:

- STANDARD SPACES	90
- REQUIRED ACCESSIBLE SPACES	4
- PROVIDED ACCESSIBLE SPACES	4
TOTAL	94 (40.0%)

B. MIDDLE SCHOOL REAR PARKING LOT:

- STANDARD SPACES	134
- REQUIRED ACCESSIBLE SPACES	6
- PROVIDED ACCESSIBLE SPACES	6
TOTAL	140 (60.0%)

TOTAL PROVIDED PARKING:

- STANDARD SPACES	224
- REQUIRED ACCESSIBLE SPACES	10
- PROVIDED ACCESSIBLE SPACES	10
TOTAL	234

SCHOOL BUILDING SIZE

PROPOSED MIDDLE SCHOOL BUILDING SIZE = 137,000 SF
PROPOSED MIDDLE SCHOOL BUILDING HEIGHT = 36'-0"

COMMON OPEN SPACE/AMENITY AREA:

REQUIRED COMMON OPEN SPACE AREA REQUIRED = 9.44 AC (15.00%)

PROP. COMMON/NATURAL OPEN SPACE = 21.26 AC (33.77%)

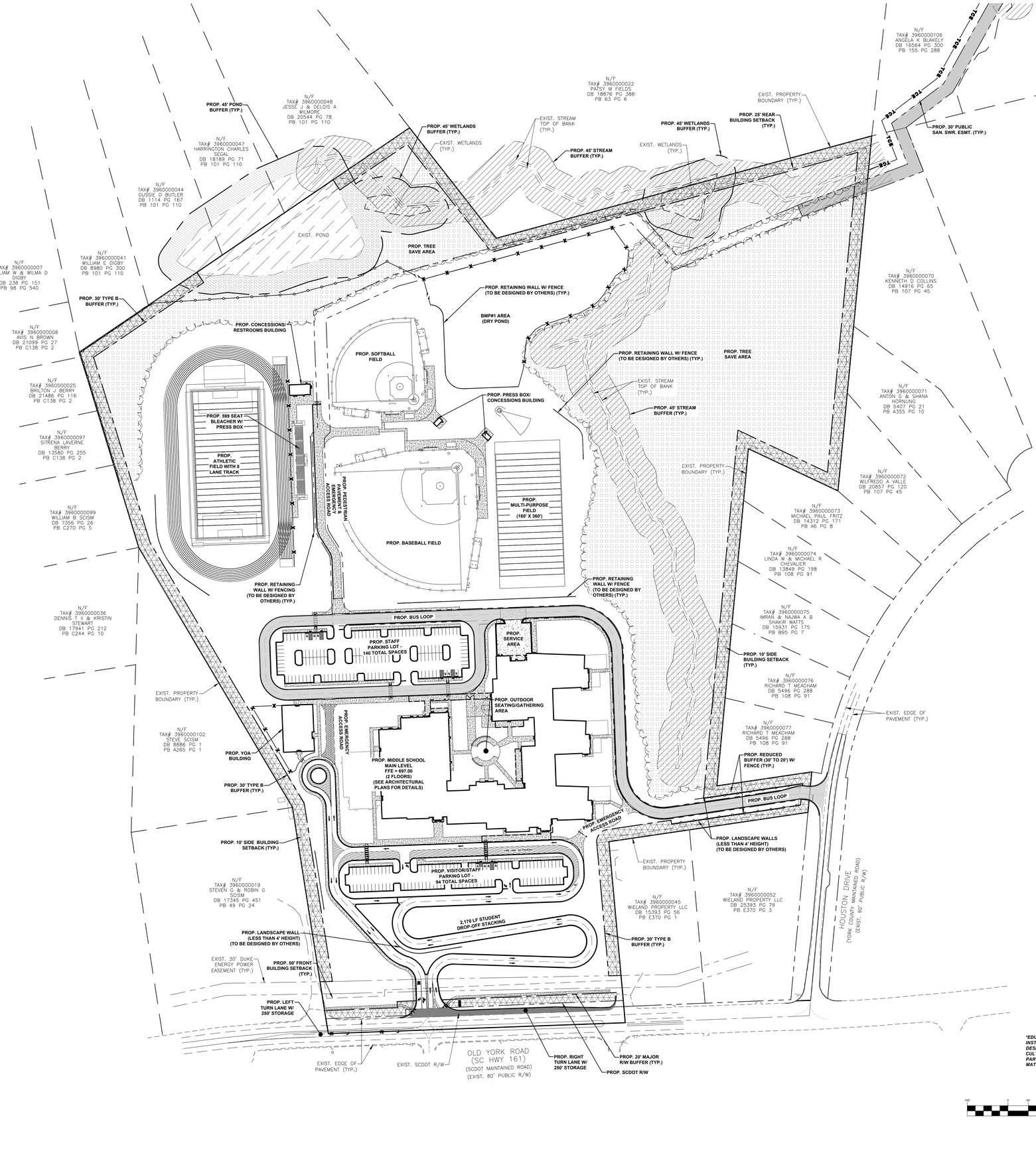
PROPOSED AMENITIES:

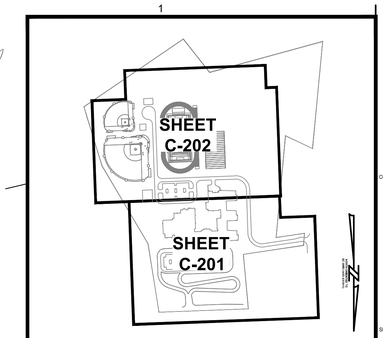
1. MULTI-PURPOSE FIELD = 1.32 AC
2. BASEBALL FIELD AREA = 2.65 AC
3. SOFTBALL FIELD = 1.18 AC
4. FOOTBALL FIELD W/ 8 LANE TRACK = 3.93 AC
5. PRESS BOX/CONCESSIONS BUILDING = 0.013 AC
6. CONCESSIONS/RESTROOMS BUILDING = 0.039 AC
7. OUTDOOR SEATING AND GATHERING AREA = 0.86 AC

PROP. MIDDLE SCHOOL AMENITY AREA PROVIDED = 10.00 AC (15.88%)

TREE SAVE AREA:

PROP. TREE SAVE AREA PROVIDED: 20.21 AC (32.11%)





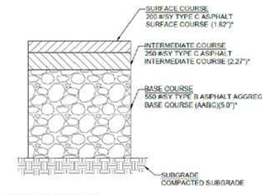
KEY MAP SCALE: 1" = 500'

OWNER:	**YORK SCHOOL DISTRICT 1**
ADDRESS:	**1475 E LIBERTY STREET YORK, SC 29745**
PHONE:	**(803) 684-9916**
CONTACT:	**AMY HAGNER**
EMAIL:	**AHAGNER@YORK.K12.SC.US**
ARCHITECT:	**JUMPER CARTER SEASE ARCHITECTS**
ADDRESS:	**412 MEETING STREET WEST COLUMBIA, SC 29169**
PHONE:	**(803) 791-1020**
CONTACT:	**TODD SEASE**
EMAIL:	**TODD@JCSARCHITECTS.COM**
ENGINEERING FIRM:	**ESP ASSOCIATES, INC.**
ADDRESS:	**3475 LAKEMONT BLVD. FORT MILL, SC 29708**
PHONE:	**(803) 802-2440**
CONTACT:	**RYAN C. TURNER, P.E.**
EMAIL:	**RTURNER@ESPASSOCIATES.COM**
SURVEYOR OF RECORD:	**G3 ENGINEERING & SURVEYING**
ADDRESS:	**900 EAST NORTH STREET SUITE 210 GREENVILLE, SC 29601**
PHONE:	**(843) 237-1001**
CONTACT:	**CHRISTOPHER BEDFORD**
EMAIL:	**CBEDFORD@G3SURVEYING.ORG**

DEVELOPMENT DATA FOR YORK MIDDLE SCHOOL #1

PROPERTY OWNER:	**YORK SCHOOL DISTRICT 1**
MAILING ADDRESS:	**1475 E LIBERTY STREET YORK, SC 29745**
SITE ADDRESS:	**2229 OLD YORK ROAD YORK, SC 29745**
DEVELOPER:	**YORK SCHOOL DISTRICT 1**
ADDRESS:	**1475 E LIBERTY STREET YORK, SC 29745**
PHONE:	**(803) 684-9916**
SERVICE PROVIDERS	
SCHOOL DISTRICT:	**YORK - DISTRICT 1**
FIRE DISTRICT:	**YORK COUNTY**
ELECTRIC:	**DUKE ENERGY**
TELEPHONE:	**COMPORIUM COMMUNICATIONS**
CABLE TV / INTERNET:	**COMPORIUM COMMUNICATIONS**
NATURAL GAS:	**YORK COUNTY NATURAL GAS AUTHORITY**
WATER & SEWER	**CITY OF YORK**
PARCEL DATA:	
TAX PARCEL:	**3960000094**
DEED BOOK & PAGE	**DB 21728, PG 401**
JURISDICTION:	**YORK COUNTY, SC**
EXISTING ZONING:	**RUD**
REZONING:	**INSTITUTIONAL**
SITE AREA:	**62.96 ACRES (TOTAL)**
EXISTING USE:	**RESIDENTIAL/FARM**
PROPOSED USE:	**INSTITUTIONAL PUBLIC SCHOOL CAMPUS**
PROPERTY BUFFERS:	
- **FRONT BUFFER:**	**20' MAJOR R/W**
- **SIDE BUFFER:**	**30' CLASS B**
- **REAR BUFFER:**	**30' CLASS B**

SCDOT FULL DEPTH PAVEMENT



* COMPACTED THICKNESS

**EDUCATIONAL FACILITIES, CHURCHES AND RELIGIOUS INSTITUTIONS, MUSEUMS, LIBRARIES, AND OTHER BUILDINGS DESIGNED AND CONSTRUCTED SPECIFICALLY FOR CIVIC OR CULTURAL USE ARE EXEMPT FROM ALL STANDARDS OF THIS PART WITH THE EXCEPTION OF THE EXTERIOR CLADDING MATERIAL STANDARDS.*

GRAPHIC SCALE

100' 0 50' 100' 200' 400'

(IN FEET)
1 INCH = 100 FT.

811 Know what's below. Call before you dig.

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

SOUTH CAROLINA PROFESSIONAL ENGINEER ESP ASSOCIATES, INC. No. 5839 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 030911 RYAN C. TURNER

2025.09.29 23:22:58-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

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PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

OVERALL SITE PLAN

SHEET NO. C-200

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

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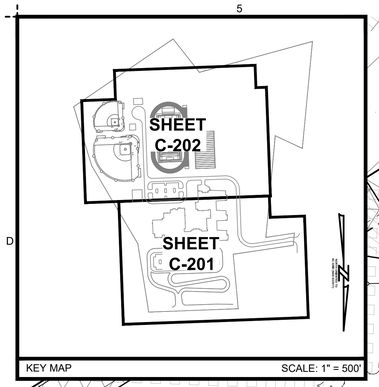
V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-SITE OVERALL.dwg, C-200, dhaglin



KEY MAP SCALE: 1" = 500'

PROP. 25' REAR BUILDING SETBACK (TYP.)
EXIST. POND (TYP.)
EXIST. PROPERTY BOUNDARY (TYP.)
PROP. TREE SAVE AREA
PROP. 45' POND BUFFER (TYP.)
PROP. 25' REAR BUILDING SETBACK (TYP.)
EXIST. PROPERTY BOUNDARY (TYP.)
PROP. 30' TYPE B BUFFER (TYP.)
PROP. DOUBLE 6' WIDE CHAIN LINK LOCKABLE GATES (12' TOTAL OPENING)
PROP. 4' HIGH BLACK VINYL CHAIN LINK FENCE (TYP.)
PROP. 6' HIGH BLACK VINYL CHAIN LINK FENCE (TYP.)
PROP. DOUBLE 6' WIDE CHAIN LINK LOCKABLE GATES (12' TOTAL OPENING)
BMP#1 AREA (DRY POND)
PROP. TREE SAVE AREA
PROP. 30' TYPE B BUFFER (TYP.)
PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)
PROP. CONCESSIONS/ RESTROOMS BUILDING
PROP. SOFTBALL FIELD (SEE DETAIL)
PROP. PRESS BOX/ CONCESSIONS
PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)
PROP. ATHLETIC FIELD WITH 8 LANE TRACK (SEE DETAIL)
PROP. 942 SEAT BLEACHER W/ PRESS BOX
PROP. LANDSCAPE WALL (LESS THAN 4' HEIGHT) (TO BE DESIGNED BY OTHERS)
PROP. 7' CONCRETE SIDEWALK (TYP.)
R=40.0' E/P
150.0000'
PROP. 1'-6" STANDARD CURB AND GUTTER (TYP.)
PROP. PEDESTRIAN PAVEMENT & MARKING ACROSS ROAD
PROP. BASEBALL FIELD (SEE DETAIL)
PROP. MULTI-PURPOSE FIELD (160' X 360')
R=61.5' B/C
R=60.0' E/P
R=38.5' B/C
PROP. 4' HIGH BLACK VINYL CHAIN LINK FENCE (TYP.)
EXIST. STREAM TOP OF BANK (TYP.)
PROP. 45' STREAM BUFFER (TYP.)
PROP. TREE SAVE AREA
N/F TAX# 3960000099 WILLIAM B SCISM DB 7356 PG 26 PB C270 PG 5
N/F TAX# 3960000036 DENNIS T II & KRISTIN STEWART DB 17941 PG 212 PB C244 PG 10
PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)
PROP. EMERGENCY ACCESS PIPE RAIL GATE (TYP.)
PROP. DROP CURB (TYP.)
PROP. ADA SIDEWALK RAMP (SEE DETAIL) (TYP.)
PROP. 8' HIGH VISIBILITY CROSSWALK
PROP. 1'-6" RIBBON CURB
PROP. 1'-6" STANDARD CURB AND GUTTER (TYP.)
PROP. BUS LOOP
PROP. ADA SIDEWALK RAMPS (PER SCDOT STD. DWG. 720-952-11)
PROP. 10' SIDE BUILDING SETBACK (TYP.)
EXIST. PROPERTY BOUNDARY (TYP.)
N/F TAX# 3960000102 STEVE SCISM DB 8886 PG 1 PB A265 PG 1
PROP. 30' TYPE B BUFFER (TYP.)
10 SPACES (3 ADA SPACES)
7 SPACES
11 SPACES
8 SPACES
10 SPACES
PROP. STAFF PARKING LOT - 140 TOTAL SPACES
PROP. 1'-6" SPILL CURB (TYP.)
PROP. SERVICE AREA
PROP. 7' CONCRETE SIDEWALK (TYP.)
PROP. 1'-6" SPILL CURB (TYP.)

LEGEND

- PROP. CONCRETE SIDEWALK
- PROP. STORM DRAINAGE EASEMENT (SDE)
- PROP. PERIMETER BUFFER
- EXIST. WETLANDS
- PROP. WETLANDS BUFFER
- PROP. TREE SAVE AREA

PAVEMENT SCHEDULE

- HEAVY DUTY PAVEMENT
- LIGHT DUTY PAVEMENT
- HEAVY DUTY CONCRETE
- SCDOT FULL DEPTH PAVEMENT (REFER TO DETAIL ON C-200)

MATCH LINE - SEE SHEET C-201

SITE NOTES

1. ALL RADII DIMENSIONS SHOWN ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED.
2. ALL PARKING LOT DIMENSIONS SHOWN ARE TO FACE OF CURB, UNLESS OTHERWISE NOTED.
3. SHADED CURB & GUTTER INDICATES LOCATION FOR SPILL CURB.
4. MINIMUM CROSS SLOPE ON ALL ASPHALT TO BE 1/4" PER FOOT.
5. MINIMUM SLOPE ON CURB AND GUTTER SHALL BE 0.50%, UNLESS SPILL CURB IS INDICATED.
6. ALL HANDICAP ACCESS RAMPS SHALL COMPLY WITH THE LATEST EDITION OF THE ADA ACCESSIBILITY GUIDELINES.
7. SIGHT TRIANGLES SHOWN ARE THE MINIMUM REQUIRED.
8. NO OBSTRUCTIONS, PLANTINGS, OR FENCING SHALL BE PERMITTED WITHIN SIGHT TRIANGLES, STORM DRAINAGE EASEMENTS (SDE) AND SANITARY SEWER EASEMENTS.
10. ALL SITE CONCRETE (SIDEWALKS, CURB & GUTTER, ETC.) SHALL NOT BE LESS THAN 3000 PSI STRENGTH AT 28 DAYS.
11. LIGHTING PLAN REFER TO ELECTRICAL PLANS.
12. MONUMENT PLAN REFER TO ARCHITECTURAL PLANS.

GRAPHIC SCALE
40' 0 20' 40' 80' 160'
(IN FEET)
1 INCH = 40 FT.

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ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

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CONSULTANT LOGO

SEALS

SOUTH CAROLINA PROFESSIONAL ENGINEER ESP ASSOCIATES, INC. No. 5839 CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA PROFESSIONAL ENGINEER No. 030911 ROBERT C. TURNER
2025.09.29 23:23:02-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:
SITE PLAN - SHEET 2 OF 2

SHEET NO. C-202

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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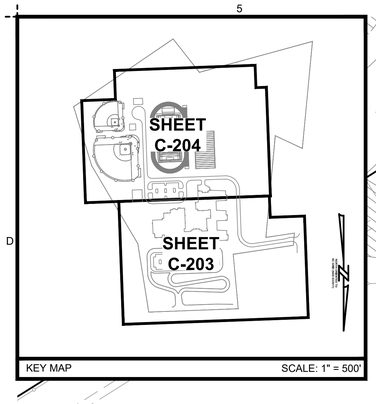
Y:\24-02005 - YSD1 New Middle School (JCSI)_24\02000\Drawings\24-02005-SITE.dwg, C-202 SITE PLAN - SHEET 2 OF 2, 4/16/2025 8:07:51 AM, EDT, mrobertson



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MATCH LINE - SEE SHEET C-203

GRAPHIC SCALE

40' 0 20' 40' 80' 160'

(IN FEET)
1 INCH = 40 FT.

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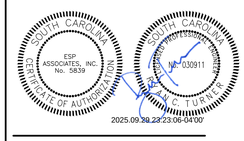

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
SITE CURB PLAN - SHEET 2 OF 2

SHEET NO. C-204

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-SITE CURB PLAN.dwg, C-204 SITE CURB PLAN, 9/26/2025 11:23:06 PM, Robert Turner

PROP. ATHLETIC FIELD
WITH 8 LANE TRACK

PROP. BASEBALL
FIELD

PROP.
MULTI-PURPOSE FIELD
(160' X 360')

PROP. SCHOOL BUS
WHEEL PATH (TYP.)

PROP. SCHOOL BUS
WHEEL PATH (TYP.)

PROP. YOA
BUILDING

PROP. MIDDLE SCHOOL
MAIN LEVEL FFE = 697.00
(2 FLOORS)
(SEE ARCHITECTURAL
PLANS FOR DETAILS)

FIRE LANE - NO PARKING

N/F
TAX# 3960000102
STEVE SCISM
DB 8886 PG 1
PB A265 PG 1

EXIST. PROPERTY
BOUNDARY (TYP.)

N/F
TAX# 3960000019
STEVEN G & ROBIN G
SCISM
DB 17345 PG 451
PB 49 PG 24

N/F
TAX# 3960000073
MICHAEL PAUL FRITZ
DB 14312 PG 171
PB A6 PG 8

N/F
TAX# 3960000074
LINDA W & MICHAEL R
CHEVALIER
DB 13849 PG 198
PB 108 PG 91

N/F
TAX# 3960000075
IMRAN & NAJWA A B
SHAKIR WATTS
DB 15931 PG 175
PB B95 PG 7

N/F
TAX# 3960000076
RICHARD T MEACHAM
DB 5496 PG 288
PB 108 PG 91

N/F
TAX# 3960000077
RICHARD T MEACHAM
DB 5496 PG 288
PB 108 PG 91

EXIST. PROPERTY
BOUNDARY (TYP.)

PROP. SCHOOL BUS
WHEEL PATH (TYP.)

N/F
TAX# 396-00-00-045
WIELAND PROPERTY LLC
DB 15393 PG 56
PB E370 PG 1

N/F
TAX# 396-00-00-052
WIELAND PROPERTY LLC
DB 15393 PG 79
PB E370 PG 3

NOW OR FORMERLY
SC CODE 242311

PROP. SCHOOL
BUS (TYP.)

HOUSTON DRIVE
(YORK COUNTY MAINTAINED ROAD)
(EXIST. 90' PUBLIC R/W)

GRAPHIC SCALE

40' 0 20' 40' 80' 160'

(IN FEET)
1 INCH = 40 FT.

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V:\24-02005 - YSD1 New Middle School (JCR)_2-24-02005\Sheets\24-02005-SCHOOL BUS MOVEMENT PLAN.dwg, C-205, 9/24/2025 10:43:11 AM, Jeffrey Hall

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CERTIFICATE OF AUTHORIZATION
ESP
ASSOCIATES, INC.
No. 5839

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 030911
RICHARD C. TURNER

2025.09.26 23:23:14-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

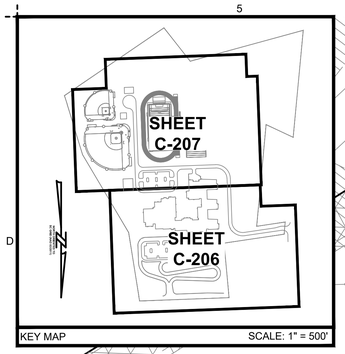
SCHOOL BUS MOVEMENT PLAN

SHEET NO.

C-205

PROJ. NO.
025438/25003

ESP PRJECT NO: 24-02005



PROP. BMP#1
(DRY POND)

PROP. SOFTBALL
FIELD

PROP. ATHLETIC FIELD
WITH 8 LANE TRACK

PROP. BASEBALL
FIELD

PROP. MULTI-PURPOSE
FIELD
(160' X 360')

PROP. 6' WIDE WHITE HIGH VISIBILITY CROSSWALK
(SCDOT STD. 625-305-00) (TYP.)

PROP. 24" WHITE STOP BAR (TYP.)

PROP. STOP SIGN
(R1-1-30)

PROP. 4" DASHED WHITE LANE LINE (TYP.)

PROP. 24" WHITE STOP BAR (TYP.)

PROP. STOP SIGN
(R1-1-30)

SCHOOL BUS LOOP

PROP.
SERVICE
AREA

N/F
TAX# 3960000102
STEVE SCISM
DB 8886 PG 1
PB A265 PG 1

LEGEND

- PROP. STOP SIGN (R1-1-36/R1-1-30/R-1-1-30 W/ R3-1-24)
- PROP. ONE WAY SIGN (R6-1L-36/R6-1R-36)
- PROP. ALTERNATE MERGE SIGN (S20-1-30)
- PROP. SCHOOL CROSSING SIGN (S1-1 W/ W16-7PR-24)
- PROP. YIELD SIGN (R1-2-36)
- PROP. NO PARKING /FIRE LINE SIGN (R8-31)
- PROP. NO SWIMMING/FISHING SIGN
- PROP. ACCESSIBLE PARKING SIGNAGE
  - RESERVED PARKING (R7-8)
  - VAN ACCESSIBLE (R7-8P)
  - MAXIMUM PENALTY

*ALL SIGNS SHALL BE IN ACCEPTANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

NORTH REFERENCED TO SC GRID (NAD 83/91)

MATCH LINE - SEE SHEET C-206

GRAPHIC SCALE
40' 0 20' 40' 80' 160'
(IN FEET)
1 INCH = 40 FT.

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V:\24-02005 - YSD1 New Middle School (JCSI)_24\2025\Drawings\24-02005-SIGNAGE PLAN.dwg, C-207 SIGNAGE PLAN - SHEET 2 OF 2, 9/30/2025 3:23:18 PM, CKY

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SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

No. 030911 — REGISTERED LANDSCAPE ARCHITECT — SOUTH CAROLINA

2025.09.30 23:23:18-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
SIGNAGE PLAN - SHEET 2 OF 2

SHEET NO. C-207

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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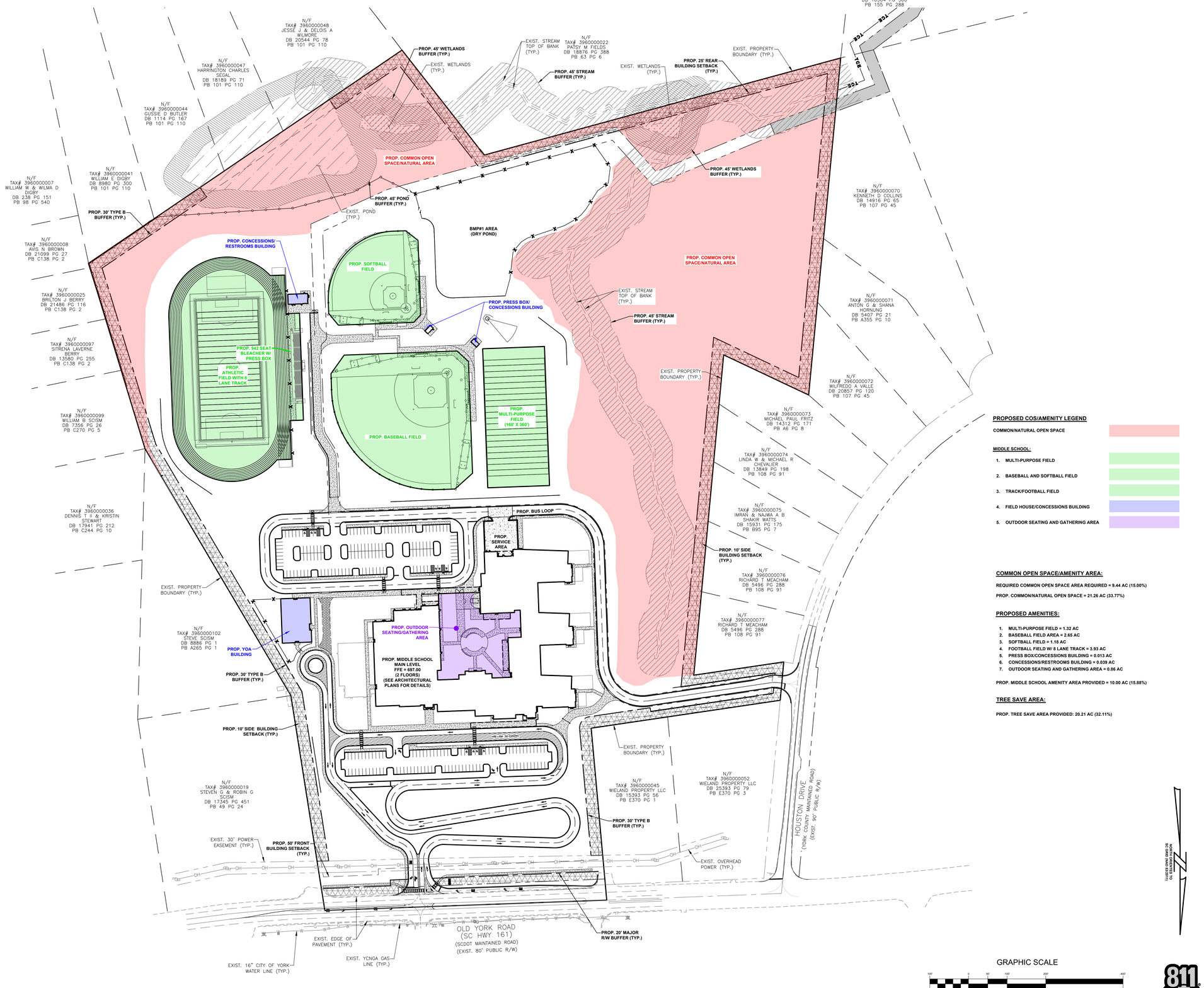

PROPOSED COS/AMENITY LEGEND

COMMON/NATURAL OPEN SPACE	
MIDDLE SCHOOL:	
1. MULTI-PURPOSE FIELD	
2. BASEBALL AND SOFTBALL FIELD	
3. TRACK/FOOTBALL FIELD	
4. FIELD HOUSE/CONCESSIONS BUILDING	
5. OUTDOOR SEATING AND GATHERING AREA	

COMMON OPEN SPACE/AMENITY AREA:

REQUIRED COMMON OPEN SPACE AREA REQUIRED = 9.44 AC (15.00%)

PROP. COMMON/NATURAL OPEN SPACE = 21.26 AC (33.77%)

PROPOSED AMENITIES:

1. MULTI-PURPOSE FIELD = 1.32 AC
2. BASEBALL FIELD AREA = 2.65 AC
3. SOFTBALL FIELD = 1.18 AC
4. FOOTBALL FIELD W/ 8 LANE TRACK = 3.93 AC
5. PRESS BOX/CONCESSIONS BUILDING = 0.013 AC
6. CONCESSIONS/RESTROOMS BUILDING = 0.039 AC
7. OUTDOOR SEATING AND GATHERING AREA = 0.86 AC

PROP. MIDDLE SCHOOL AMENITY AREA PROVIDED = 10.00 AC (15.88%)

TREE SAVE AREA:

PROP. TREE SAVE AREA PROVIDED: 20.21 AC (32.11%)

GRAPHIC SCALE

100' 0 50' 100' 200' 400'

(IN FEET)
1 INCH = 100 FT.

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V:\24-02005 - YSD1 New Middle School (JCS)_2-4\02005\Sheets\24-02005-COS AMENITY PLAN.dwg, C-210, dhagins

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ESP ASSOCIATES, INC. No. 5839
CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA

PROFESSIONAL ENGINEER
No. 030911
REGISTERED
SOUTH CAROLINA
2025.09.26 23:23:21-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

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3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

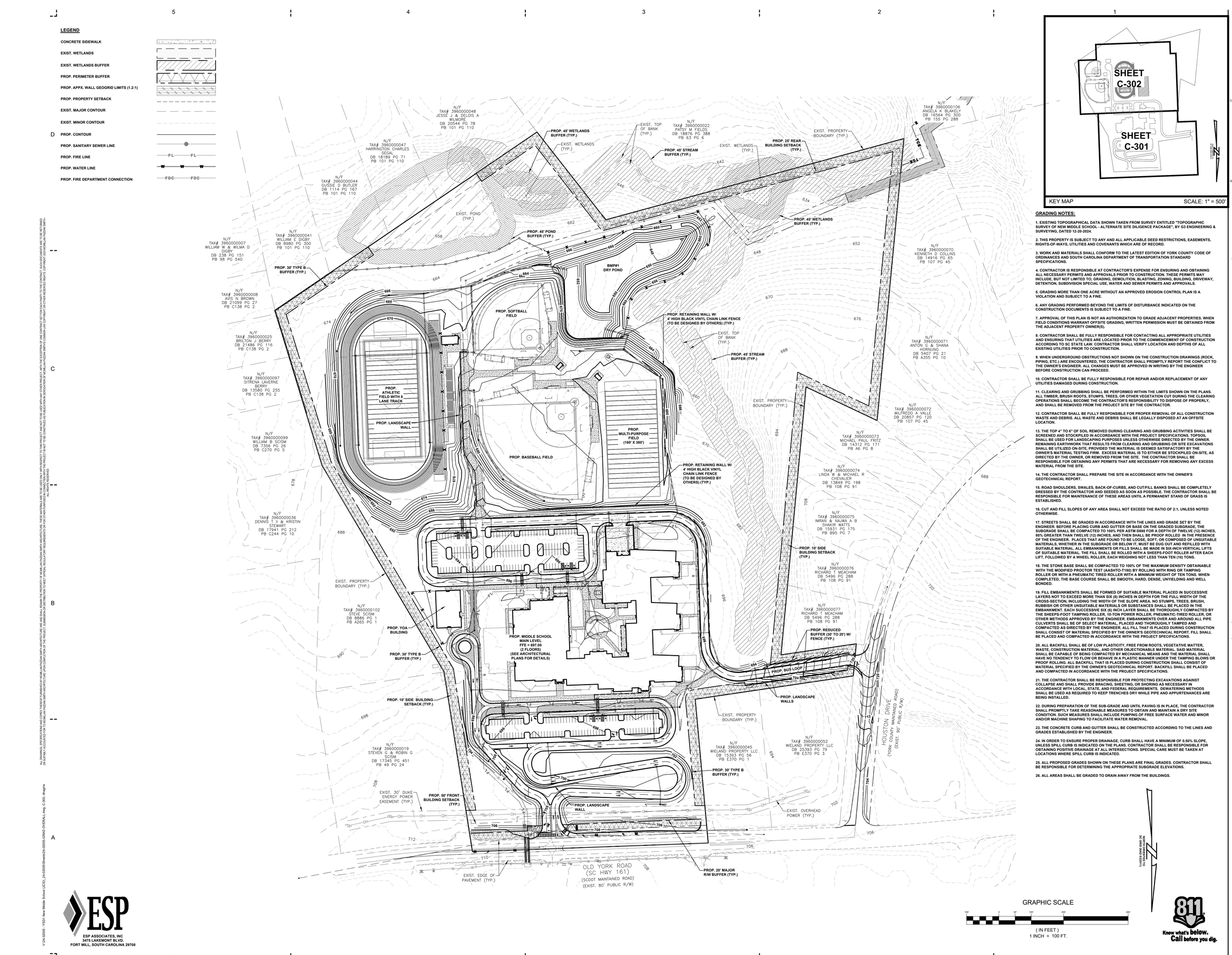
SHEET TITLE:

OVERALL COMMON OPEN SPACE AND AMENITY PLAN

SHEET NO. C-210

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005



GRADING NOTES:

1. EXISTING TOPOGRAPHICAL DATA SHOWN TAKEN FROM SURVEY ENTITLED "TOPOGRAPHIC SURVEY OF NEW MIDDLE SCHOOL - ALTERNATE SITE DILIGENCE PACKAGE", BY G3 ENGINEERING & SURVEYING, DATED 12-20-2024.

2. THIS PROPERTY IS SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHTS-OF-WAYS, UTILITIES AND COVENANTS WHICH ARE OF RECORD.

3. WORK AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF YORK COUNTY CODE OF ORDINANCES AND SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

4. CONTRACTOR IS RESPONSIBLE AT CONTRACTOR'S EXPENSE FOR ENSURING AND OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THESE PERMITS MAY INCLUDE, BUT NOT LIMITED TO: GRADING, DEMOLITION, BLASTING, ZONING, BUILDING, DRIVEWAY, DETENTION, SUBDIVISION SPECIAL USE, WATER AND SEWER PERMITS AND APPROVALS.

5. GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION AND SUBJECT TO A FINE.

6. ANY GRADING PERFORMED BEYOND THE LIMITS OF DISTURBANCE INDICATED ON THE CONSTRUCTION DOCUMENTS IS SUBJECT TO A FINE.

7. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFFSITE GRADING, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ADJACENT PROPERTY OWNER(S).

8. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR CONTACTING ALL APPROPRIATE UTILITIES AND ENSURING THAT UTILITIES ARE LOCATED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACCORDING TO SC STATE LAW. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

9. WHEN UNDERGROUND OBSTRUCTIONS NOT SHOWN ON THE CONSTRUCTION DRAWINGS (ROCK, PIPING, ETC.) ARE ENCOUNTERED, THE CONTRACTOR SHALL PROMPTLY REPORT THE CONFLICT TO THE OWNER'S ENGINEER. ALL CHANGES MUST BE APPROVED IN WRITING BY THE ENGINEER BEFORE CONSTRUCTION CAN PROCEED.

10. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION.

11. CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE LIMITS SHOWN ON THE PLANS. ALL TIMBER, BRUSH ROOTS, STUMPS, TREES, OR OTHER VEGETATION CUT DURING THE CLEARING OPERATIONS SHALL BECOME THE CONTRACTOR'S RESPONSIBILITY TO DISPOSE OF PROPERLY, AND SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR.

12. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROPER REMOVAL OF ALL CONSTRUCTION WASTE AND DEBRIS. ALL WASTE AND DEBRIS SHALL BE LEGALLY DISPOSED AT AN OFFSITE LOCATION.

13. THE TOP 4" TO 6" OF SOIL REMOVED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE SCREENED AND STOCKPILED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. TOPSOIL SHALL BE USED FOR LANDSCAPING PURPOSES UNLESS OTHERWISE DIRECTED BY THE OWNER. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATIONS SHALL BE UTILIZED ON-SITE, PROVIDED THE MATERIAL IS DEEMED SATISFACTORY BY THE OWNER'S MATERIAL TESTING FIRM. EXCESS MATERIAL IS TO EITHER BE STOCKPILED ON-SITE, AS DIRECTED BY THE OWNER, OR REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS THAT ARE NECESSARY FOR REMOVING ANY EXCESS MATERIAL FROM THE SITE.

14. THE CONTRACTOR SHALL PREPARE THE SITE IN ACCORDANCE WITH THE OWNER'S GEOTECHNICAL REPORT.

15. ROAD SHOULDERS, SWALES, BACK-OF-CURBS, AND CUT/FILL BANKS SHALL BE COMPLETELY DRESSED BY THE CONTRACTOR AND SEEDED AS SOON AS POSSIBLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THESE AREAS UNTIL A PERMANENT STAND OF GRASS IS ESTABLISHED.

16. CUT AND FILL SLOPES OF ANY AREA SHALL NOT EXCEED THE RATIO OF 2:1, UNLESS NOTED OTHERWISE.

17. STREETS SHALL BE GRADED IN ACCORDANCE WITH THE LINES AND GRADE SET BY THE ENGINEER. BEFORE PLACING CURB AND GUTTER OR BASE ON THE GRADED SUBGRADE, THE SUBGRADE SHALL BE COMPACTED TO 100% PER ASTM D698 FOR A DEPTH OF TWELVE (12) INCHES, 95% GREATER THAN TWELVE (12) INCHES, AND THEN SHALL BE PROOF ROLLED IN THE PRESENCE OF THE ENGINEER. PLACES THAT ARE FOUND TO BE LOOSE, SOFT, OR COMPOSED OF UNSUITABLE MATERIALS, WHETHER IN THE SUBGRADE OR BELOW IT, MUST BE DUG OUT AND REFILLED WITH SUITABLE MATERIAL. ALL EMBANKMENTS OR FILLS SHALL BE MADE IN SIX-INCH VERTICAL LIFTS OF SUITABLE MATERIAL. THE FILL SHALL BE ROLLED WITH A SHEEPS-FOOT ROLLER AFTER EACH LIFT, FOLLOWED BY A WHEEL ROLLER, EACH WEIGHING NOT LESS THAN TEN (10) TONS.

18. THE STONE BASE SHALL BE COMPACTED TO 100% OF THE MAXIMUM DENSITY OBTAINABLE WITH THE MODIFIED PROCTOR TEST (AASHTO-T180) BY ROLLING WITH RING OR TAMPING ROLLER OR WITH A PNEUMATIC TIRED ROLLER WITH A MINIMUM WEIGHT OF TEN TONS. WHEN COMPLETED, THE BASE COURSE SHALL BE SMOOTH, HARD, DENSE, UNYIELDING AND WELL BONDED.

19. FILL EMBANKMENTS SHALL BE FORMED OF SUITABLE MATERIAL PLACED IN SUCCESSIVE LAYERS NOT TO EXCEED MORE THAN SIX (6) INCHES IN DEPTH FOR THE FULL WIDTH OF THE CROSS-SECTION, INCLUDING THE WIDTH OF THE SLOPE AREA. NO STUMPS, TREES, BRUSH, RUBBISH OR OTHER UNSUITABLE MATERIALS OR SUBSTANCES SHALL BE PLACED IN THE EMBANKMENT. EACH SUCCESSIVE SIX (6) INCH LAYER SHALL BE THOROUGHLY COMPACTED BY THE SHEEPS-FOOT TAMPING ROLLER, 10-TON POWER ROLLER, PNEUMATIC-TIRED ROLLER, OR OTHER METHODS APPROVED BY THE ENGINEER. EMBANKMENTS OVER AND AROUND ALL PIPE CULVERTS SHALL BE OF SELECT MATERIAL, PLACED AND THOROUGHLY TAMPED AND COMPACTED AS DIRECTED BY THE ENGINEER. ALL FILL THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S GEOTECHNICAL REPORT. FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

20. ALL BACKFILL SHALL BE OF LOW PLASTICITY, FREE FROM ROOTS, VEGETATIVE MATTER, WASTE, CONSTRUCTION MATERIAL, AND OTHER OBJECTIONABLE MATERIAL. SAID MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND THE MATERIAL SHALL HAVE NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR PROOF ROLLING. ALL BACKFILL THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S GEOTECHNICAL REPORT. BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING, OR SHORING AS NECESSARY IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING INSTALLED.

22. DURING PREPARATION OF THE SUB-GRADE AND UNTIL PAVING IS IN PLACE, THE CONTRACTOR SHALL PROMPTLY TAKE REASONABLE MEASURES TO OBTAIN AND MAINTAIN A DRY SITE CONDITION. SUCH MEASURES SHALL INCLUDE PUMPING OF FREE SURFACE WATER AND MINOR AND/OR MACHINE SHAPING TO FACILITATE WATER REMOVAL.

23. THE CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED ACCORDING TO THE LINES AND GRADES ESTABLISHED BY THE ENGINEER.

24. IN ORDER TO ENSURE PROPER DRAINAGE, CURB SHALL HAVE A MINIMUM OF 0.50% SLOPE, UNLESS SPILL CURB IS INDICATED ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING POSITIVE DRAINAGE AT ALL INTERSECTIONS. SPECIAL CARE MUST BE TAKEN AT LOCATIONS WHERE SPILL CURB IS INDICATED.

25. ALL PROPOSED GRADES SHOWN ON THESE PLANS ARE FINAL GRADES. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE APPROPRIATE SUBGRADE ELEVATIONS.

26. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.

GRAPHIC SCALE
(IN FEET)
1 INCH = 100 FT.

NOTE: ORIENTATION TO SC GRID NAD83 (2011)

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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

SOUTH CAROLINA ESP ASSOCIATES, INC. No. 5839 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 030911 ROBERT C. TURNER

2025.09.29 23:25:04-00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:
OVERALL GRADING PLAN

SHEET NO. C-300

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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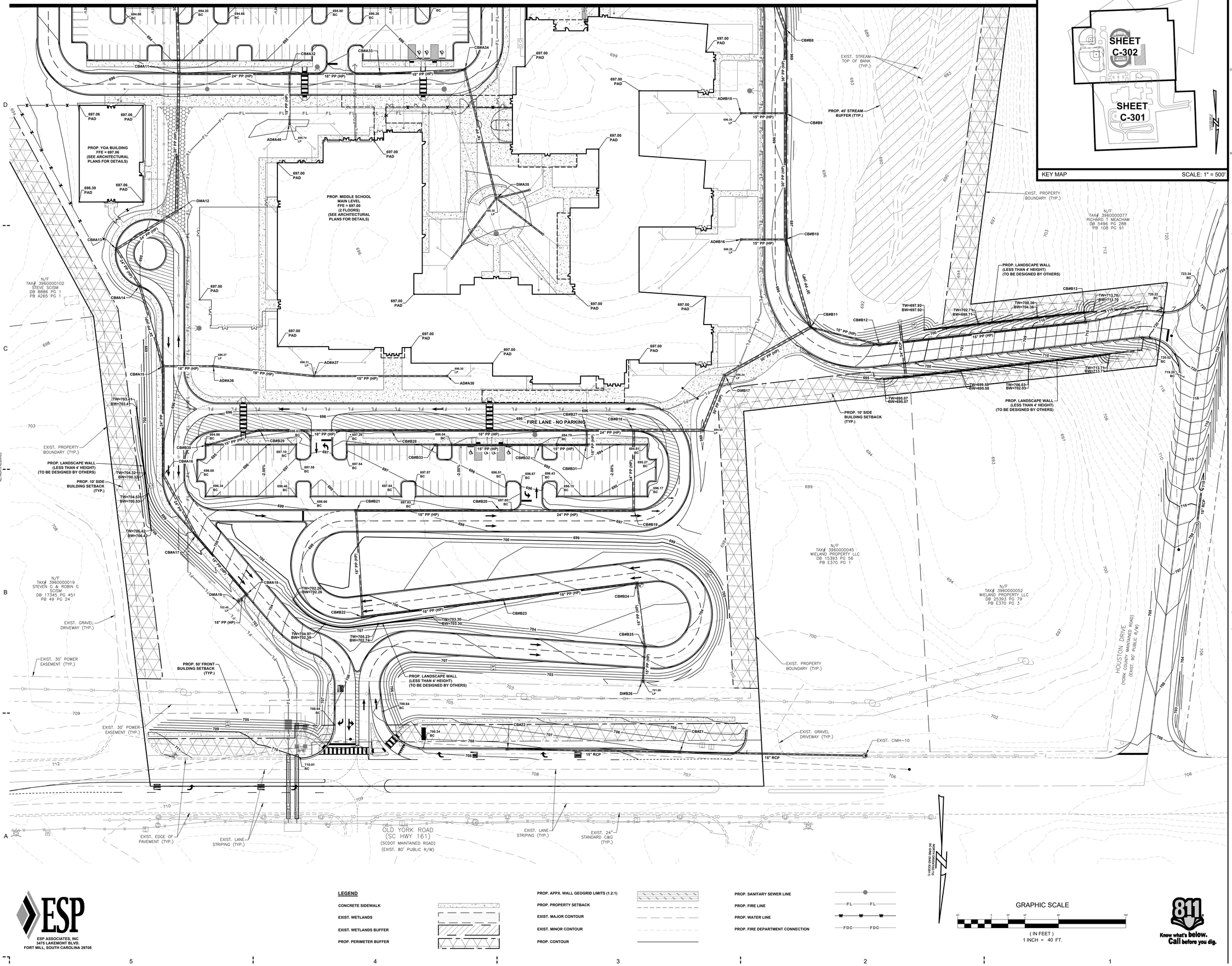
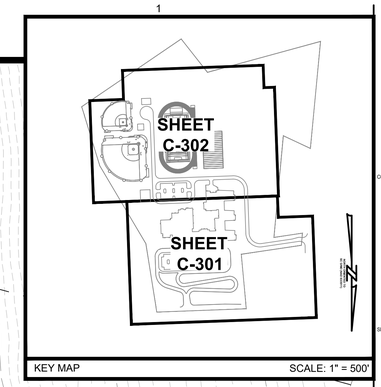
V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-GRAD OVERALL.dwg, C-300 -Rogers

MATCH LINE - SEE SHEET C-302





mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

PROFESSIONAL ENGINEER — No. 030911 — SOUTH CAROLINA

2025.09.29 23:29:04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
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2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

GRADING PLAN - SHEET 1 OF 2

SHEET NO. C-301

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

LEGEND

- CONCRETE SIDEWALK
- EXIST. WETLANDS
- EXIST. WETLANDS BUFFER
- PROP. PERIMETER BUFFER
- PROP. APPX. WALL GEOGRID LIMITS (1.2:1)
- PROP. PROPERTY SETBACK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. CONTOUR
- PROP. SANITARY SEWER LINE
- PROP. FIRE LINE
- PROP. WATER LINE
- PROP. FIRE DEPARTMENT CONNECTION

GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

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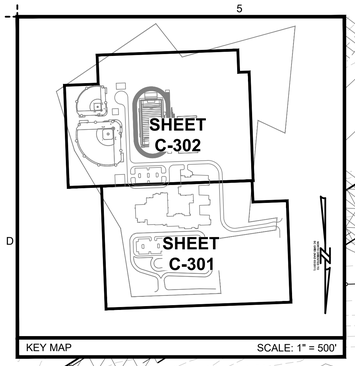
V:\24-02005 - YSD1 New Middle School (JCH)_24-02005\Sheets\24-02005-GRAD.dwg, C-301, dhagins



KEY MAP SCALE: 1" = 500'

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LEGEND

- CONCRETE SIDEWALK
- EXIST. WETLANDS
- EXIST. WETLANDS BUFFER
- PROP. PERIMETER BUFFER
- PROP. APPX. WALL GEOGRID LIMITS (1.2:1)
- PROP. PROPERTY SETBACK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. CONTOUR
- PROP. SANITARY SEWER LINE
- PROP. FIRE LINE (FL)
- PROP. WATER LINE (W)
- PROP. FIRE DEPARTMENT CONNECTION (FDC)

GRAPHIC SCALE

40' 0 20' 40' 80' 160'

(IN FEET)
1 INCH = 40 FT.

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PROFESSIONAL ENGINEER — SOUTH CAROLINA — No. 030911

2025.09.29 23:23:32-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
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2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

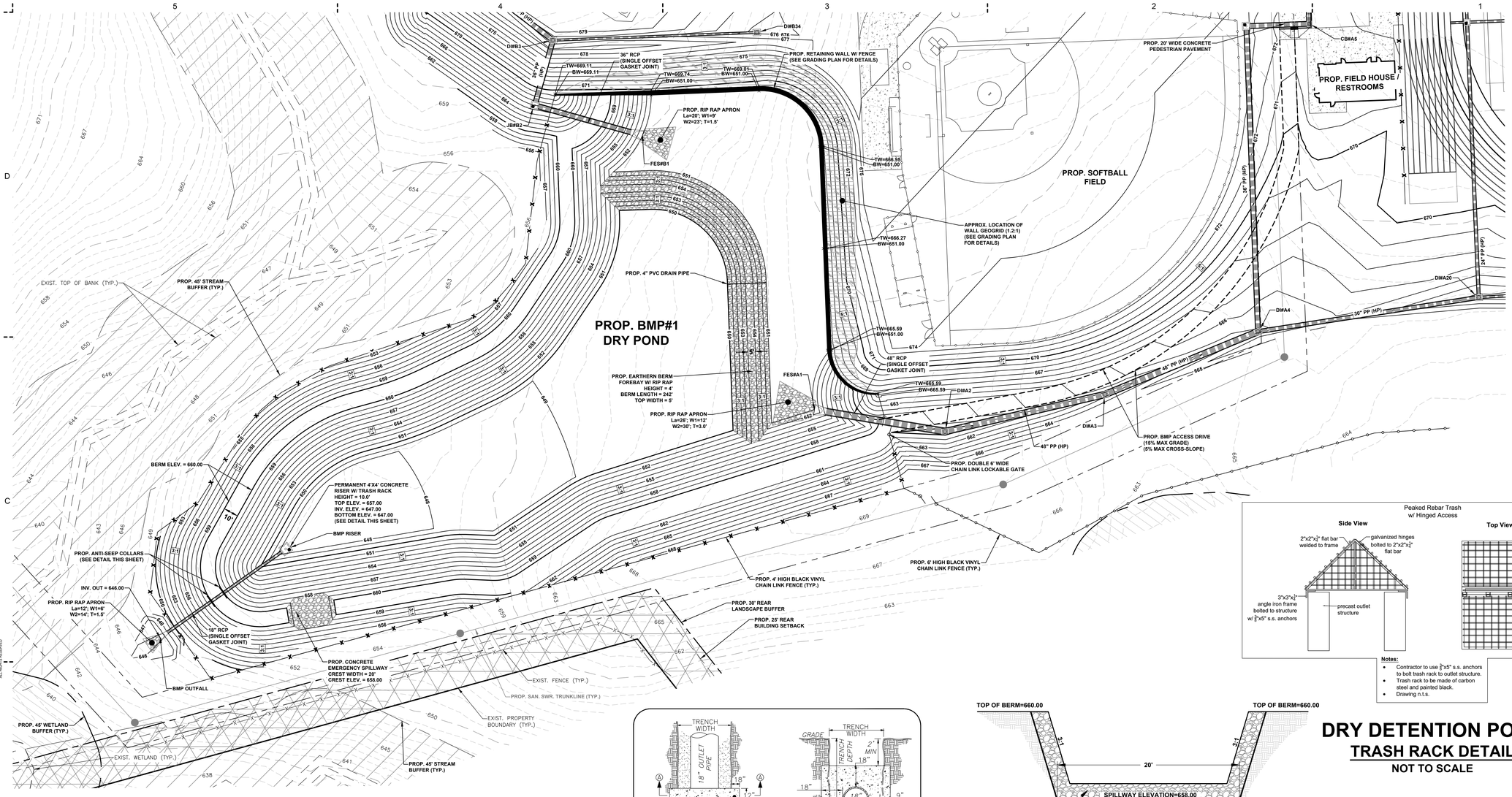
SHEET TITLE:
GRADING PLAN - SHEET 2 OF 2

SHEET NO. C-302

PROJ. NO. 025438/25003

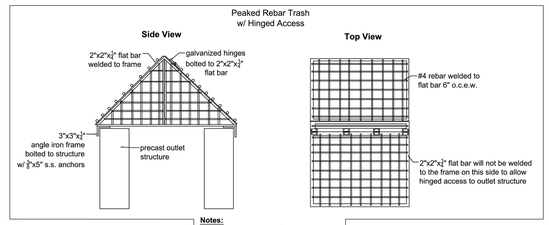
ESP PRJECT NO: 24-02005

Y:\24-02005 - YSD1 New Middle School (JCSI)_24\02005\Sheets\24-02005-GRAD.dwg, C-302, dhaplin

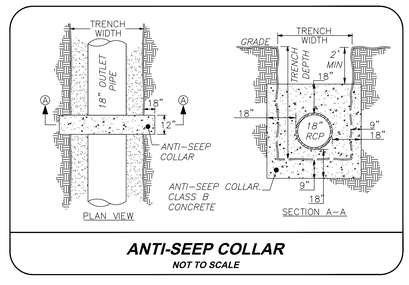


GRAPHIC SCALE

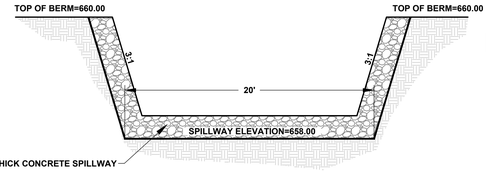
(IN FEET)
1 INCH = 30 FT.



Notes:
- Contractor to use ¾"x5" s.s. anchors to bolt trash rack to outlet structure.
- Trash rack to be made of carbon steel and painted black.
- Drawing n.t.s.

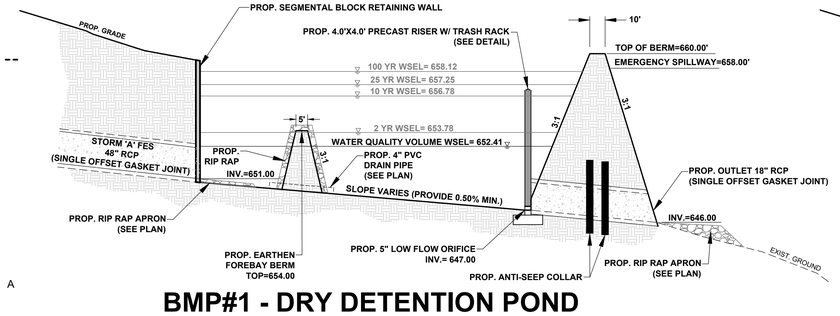


ANTI-SEEP COLLAR
NOT TO SCALE

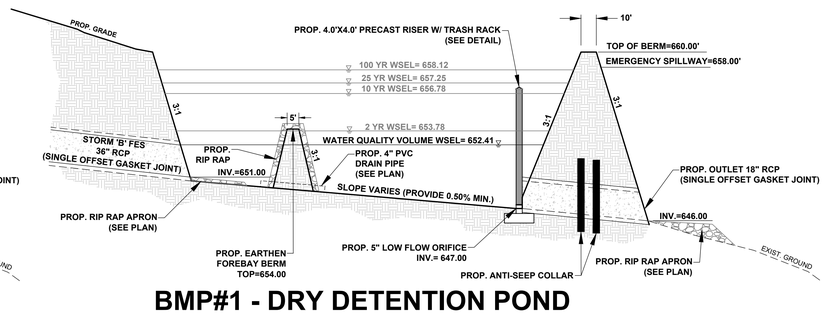


DRY DETENTION POND
TRASH RACK DETAIL
NOT TO SCALE

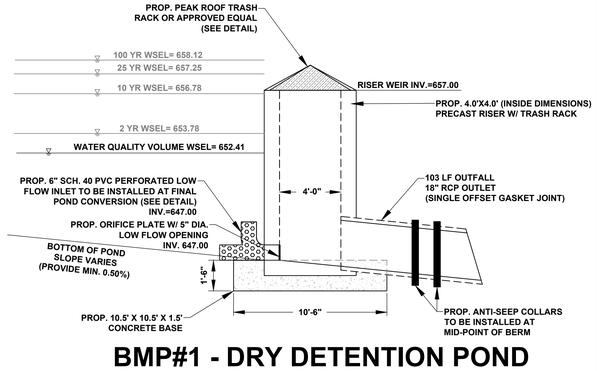
BMP#1 - DRY DETENTION POND
EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



BMP#1 - DRY DETENTION POND
POND SECTION VIEW
NOT TO SCALE



BMP#1 - DRY DETENTION POND
POND SECTION VIEW
NOT TO SCALE



BMP#1 - DRY DETENTION POND
OUTLET STRUCTURE DETAIL
NOT TO SCALE

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No. 030911 — SOUTH CAROLINA — PROFESSIONAL ENGINEER

2025.09.29 23:23:36-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:
BMP 1 - DRY DETENTION POND PLAN

SHEET NO. C-303

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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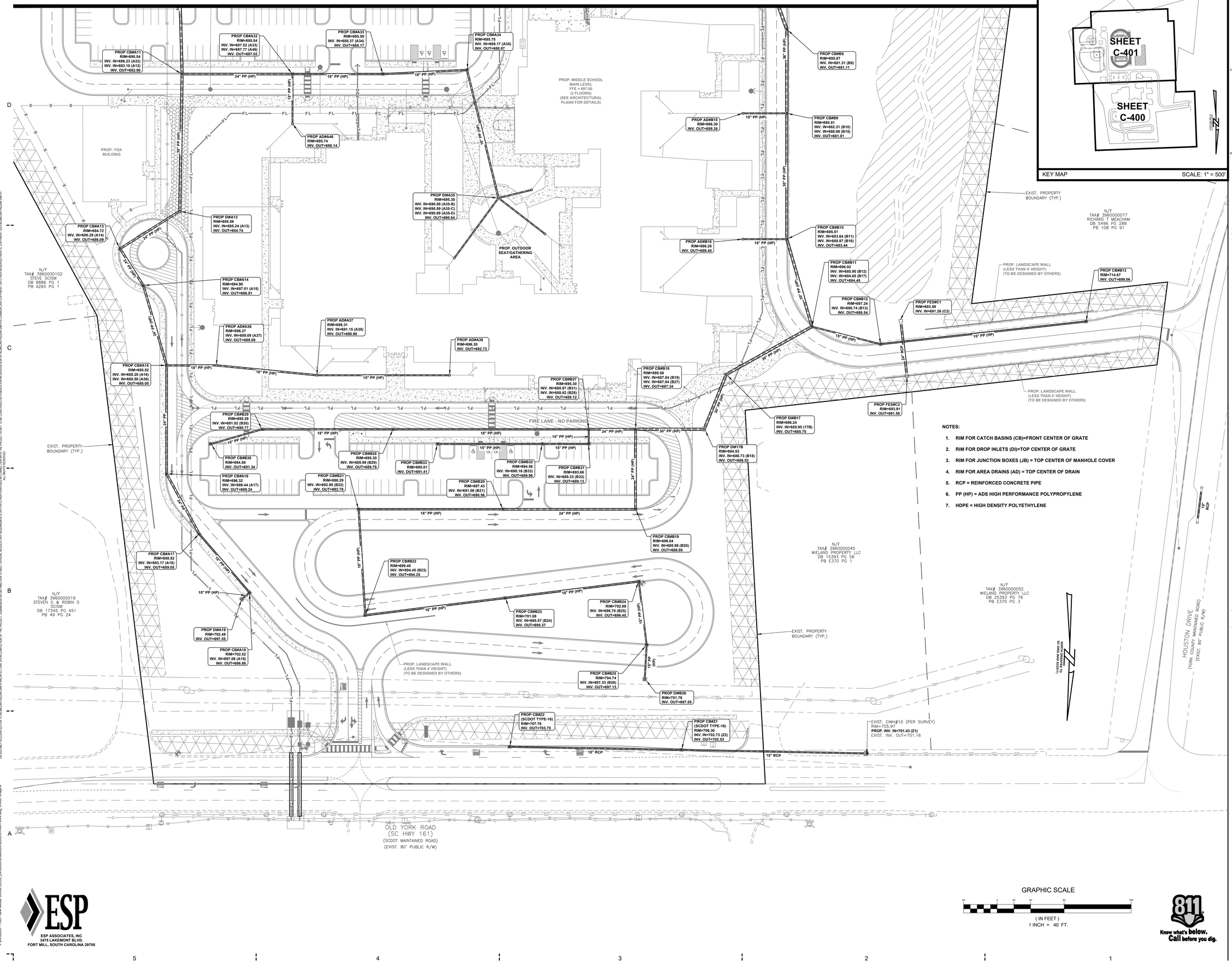
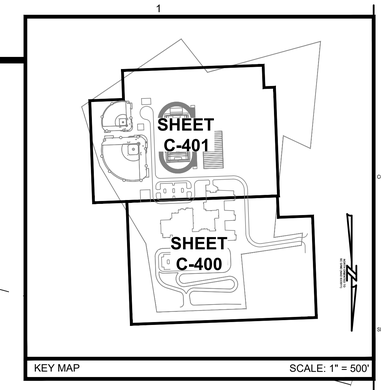
V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-BMP Reg. C-303.BMP 1 - DRY DETENTION POND.dwg, 9/29/2025 11:23:23 AM, CKY

MATCH LINE - SEE SHEET C-401





NOTES:

1. RIM FOR CATCH BASINS (CB)=FRONT CENTER OF GRATE
2. RIM FOR DROP INLETS (DI)=TOP CENTER OF GRATE
3. RIM FOR JUNCTION BOXES (JB) = TOP CENTER OF MANHOLE COVER
4. RIM FOR AREA DRAINS (AD) = TOP CENTER OF DRAIN
5. RCP = REINFORCED CONCRETE PIPE
6. PP (HP) = ADS HIGH PERFORMANCE POLYPROPYLENE
7. HDPE = HIGH DENSITY POLYETHYLENE

GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE
CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

PROFESSIONAL ENGINEER — No. 030911 — SOUTH CAROLINA

2025.09.29 23:23:47-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

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3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

STORM DRAINAGE SYSTEM PLAN - SHEET 1 OF 2

SHEET NO. C-400

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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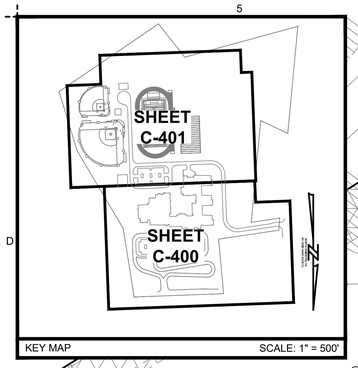
V:\24-02005 - YSD1 New Middle School (JCR)_24-02005\Sheets\24-02005-STRMTN.PLAN.dwg, C-400, dhaynes



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EXIST. PROPERTY BOUNDARY (TYP.)

BMP OUTFALL

18" RCP (SINGLE OFFSET GASKET JOINT)

BMP RISER

48" RCP (SINGLE OFFSET GASKET JOINT)

PROP FES#A1
RIM=654.96
INV. OUT=651.00 (A2)

PROP DI#A3
RIM=662.51
INV. IN=651.99 (A4)
INV. OUT=651.99

PROP DI#A4
RIM=664.80
INV. IN=657.66 (A4-B)
INV. IN=654.27 (A20)
INV. OUT=652.77

48" PP (HP)

PROP DI#A2
RIM=659.21
INV. IN=651.44 (A3)
INV. OUT=651.44

BMP#1
DRY POND

PROP. SOFTBALL FIELD (SEE DETAIL)

PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)

PROP DI#A47
RIM=661.44
INV. IN=657.30 (A48)
INV. OUT=657.05

PROP DI#A20
RIM=663.60
INV. IN=656.01 (A21)
INV. IN=656.51 (A47)
INV. OUT=655.51

30" PP (HP)

18" PP (HP)

15" PP (HP)

PROP DI#A48
RIM=664.06
INV. IN=660.05 (A49)
INV. OUT=659.55

PROP DI#A49
RIM=666.68
INV. IN=662.90 (A50)
INV. OUT=662.65

PROP JB#A39
RIM=670.03
INV. IN=665.18 (A40)
INV. IN=665.43 (A43)
INV. OUT=664.98

PROP. CONCESSIONS/ RESTROOMS BUILDING

PROP CB#A5
RIM=671.10
INV. IN=662.79 (A6)
INV. OUT=662.59

PROP JB#A21
RIM=670.03
INV. IN=662.65 (A22)
INV. IN=662.65 (A39)
INV. IN=662.90 (A42)
INV. OUT=662.15

PROP. ATHLETIC FIELD WITH 8 LANE TRACK (SEE DETAIL)

PROP CB#A6
RIM=675.88
INV. IN=665.97 (A7)
INV. IN=666.97 (A24)
INV. OUT=665.77

24" PP (HP)

PROP. PRESS BOX/ CONCESSIONS

PROP DI#A24
RIM=674.84
INV. IN=667.40 (A25)
INV. OUT=667.20

PROP DI#B4
RIM=677.40
INV. IN=670.40 (B5)
INV. OUT=670.20

PROP JB#A40
RIM=670.03
INV. IN=667.09 (A41)
INV. OUT=666.84

PROP JB#A22
RIM=670.03
INV. IN=665.06 (A23)
INV. OUT=664.86

PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)

PROP DI#A50
RIM=668.14
INV. OUT=664.27

PROP DI#A25
RIM=675.17
INV. IN=668.64 (A26)
INV. OUT=668.44

PROP. BASEBALL FIELD (SEE DETAIL)

PROP. MULTI-PURPOSE FIELD (160' X 360')

PROP CB#A7
RIM=682.49
INV. IN=674.15 (A8)
INV. OUT=673.95

PROP DI#A26
RIM=675.12
INV. IN=670.10 (A27)
INV. OUT=669.60

PROP DI#B5
RIM=677.42
INV. IN=671.67 (B6)
INV. OUT=671.47

PROP CB#A8
RIM=689.98
INV. IN=680.13 (A9)
INV. IN=684.89 (A28)
INV. OUT=679.63

PROP DI#A27
RIM=675.17
INV. OUT=671.50

PROP. RETAINING WALL W/ 4' HIGH BLACK VINYL CHAIN LINK FENCE (TO BE DESIGNED BY OTHERS) (TYP.)

PROP CB#A29
RIM=693.67
INV. IN=689.35 (A30)
INV. OUT=689.15

PROP CB#A9
RIM=692.06
INV. IN=680.91 (A10)
INV. OUT=680.71

PROP CB#B6
RIM=695.23
INV. IN=687.77 (B14)
INV. IN=680.12 (B7)
INV. OUT=679.92

PROP CB#A28
RIM=692.36
INV. IN=686.52 (A44)
INV. IN=686.52 (A29)
INV. OUT=686.27

PROP. BUS LOOP

PROP CB#B7
RIM=695.49
INV. IN=680.61 (B8)
INV. OUT=680.41

PROP CB#A31
RIM=694.74
INV. OUT=690.02

PROP CB#A10
RIM=692.71
INV. IN=681.52 (A11)
INV. IN=685.77 (A31)
INV. OUT=681.32

PROP CB#A44
RIM=693.33
INV. IN=688.36 (A45)
INV. OUT=688.16

PROP CB#A45
RIM=694.22
INV. OUT=691.03

PROP CB#A30
RIM=694.40
INV. OUT=690.17

PROP. SERVICE YARD

PROP AD#B14
RIM=695.38
INV. OUT=688.50

PROP FES#B1
RIM=654.42
INV. OUT=651.00 (B2)

36" RCP (SINGLE OFFSET GASKET JOINT)

PROP JB#B2
RIM=665.97
INV. IN=659.22 (B3)
INV. OUT=651.37

PROP DI#B3
RIM=677.11
INV. IN=669.44 (B4)
INV. IN=671.19 (B34)
INV. OUT=663.75

PROP DI#B34
RIM=675.72
INV. OUT=672.34

N/F
TAX# 3960000099
WILLIAM B SCISM
DB 7356 PG 26
PB C270 PG 5

N/F
TAX# 3960000036
DENNIS T II & KRISTIN STEWART
DB 17941 PG 212
PB C244 PG 10

N/F
TAX# 3960000102
STEVE SCISM
DB 8886 PG 1
PB A265 PG 1

EXIST. PROPERTY BOUNDARY (TYP.)

NOTES:

1. RIM FOR CATCH BASINS (CB)=FRONT CENTER OF GRATE
2. RIM FOR DROP INLETS (DI)=TOP CENTER OF GRATE
3. RIM FOR JUNCTION BOXES (JB) = TOP CENTER OF MANHOLE COVER
4. RIM FOR AREA DRAINS (AD) = TOP CENTER OF DRAIN
5. RCP = REINFORCED CONCRETE PIPE
6. PP (HP) = ADS HIGH PERFORMANCE POLYPROPYLENE
7. HDPE = HIGH DENSITY POLYETHYLENE

MATCH LINE - SEE SHEET C-400

GRAPHIC SCALE
40' 0 20' 40' 80' 160'
(IN FEET)
1 INCH = 40 FT.

Know what's below. Call before you dig.

ESP
ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION ESP ASSOCIATES, INC. No. 5839

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT R. C. TURNER No. 030911

2025.09.29 23:23:51-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
STORM DRAINAGE SYSTEM PLAN - SHEET 2 OF 2

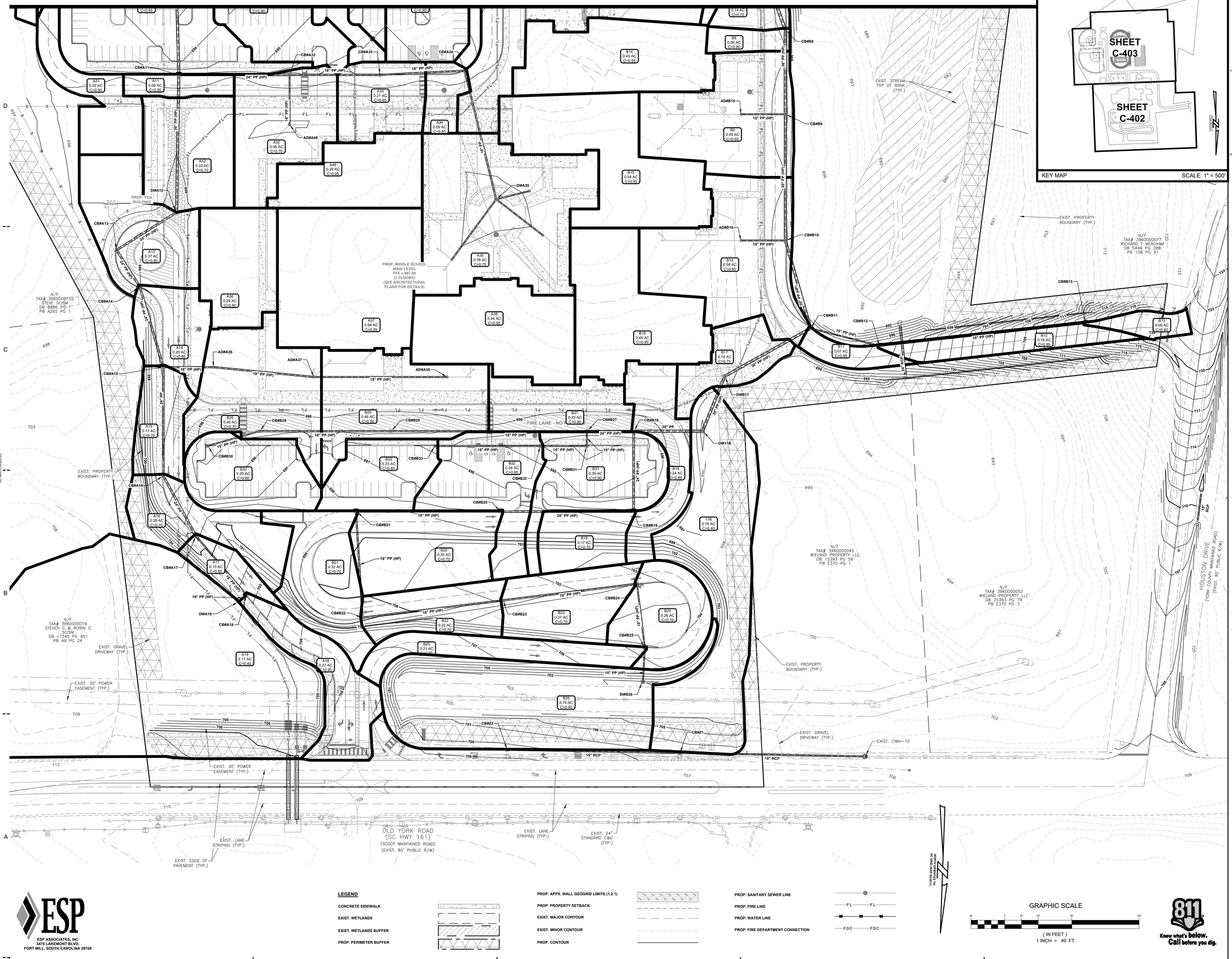
SHEET NO. C-401

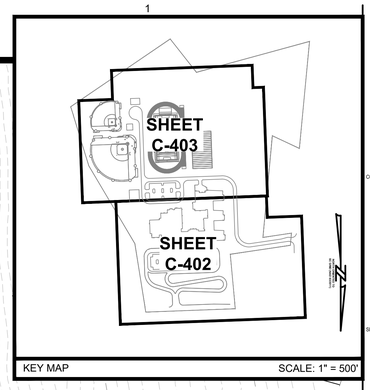
PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-STRM PLAN.dwg, C-401, dragos

MATCH LINE - SEE SHEET C-403





LEGEND

- CONCRETE SIDEWALK
- EXIST. WETLANDS
- EXIST. WETLANDS BUFFER
- PROP. PERIMETER BUFFER
- PROP. APPX. WALL GEOGRID LIMITS (1.2:1)
- PROP. PROPERTY SETBACK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. CONTOUR
- PROP. SANITARY SEWER LINE
- PROP. FIRE LINE
- PROP. WATER LINE
- PROP. FIRE DEPARTMENT CONNECTION

GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

ESP ASSOCIATES, INC
3478 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — CERTIFICATE OF AUTHORIZATION — SOUTH CAROLINA

REGISTERED LANDSCAPE ARCHITECT No. 030911 — SOUTH CAROLINA

2025.09.26 23:23:55-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

STORM DRAINAGE AREA PLAN - SHEET 1 OF 2

SHEET NO.

C-402

PROJ. NO.
025438/25003

ESP PRJECT NO: 24-02005

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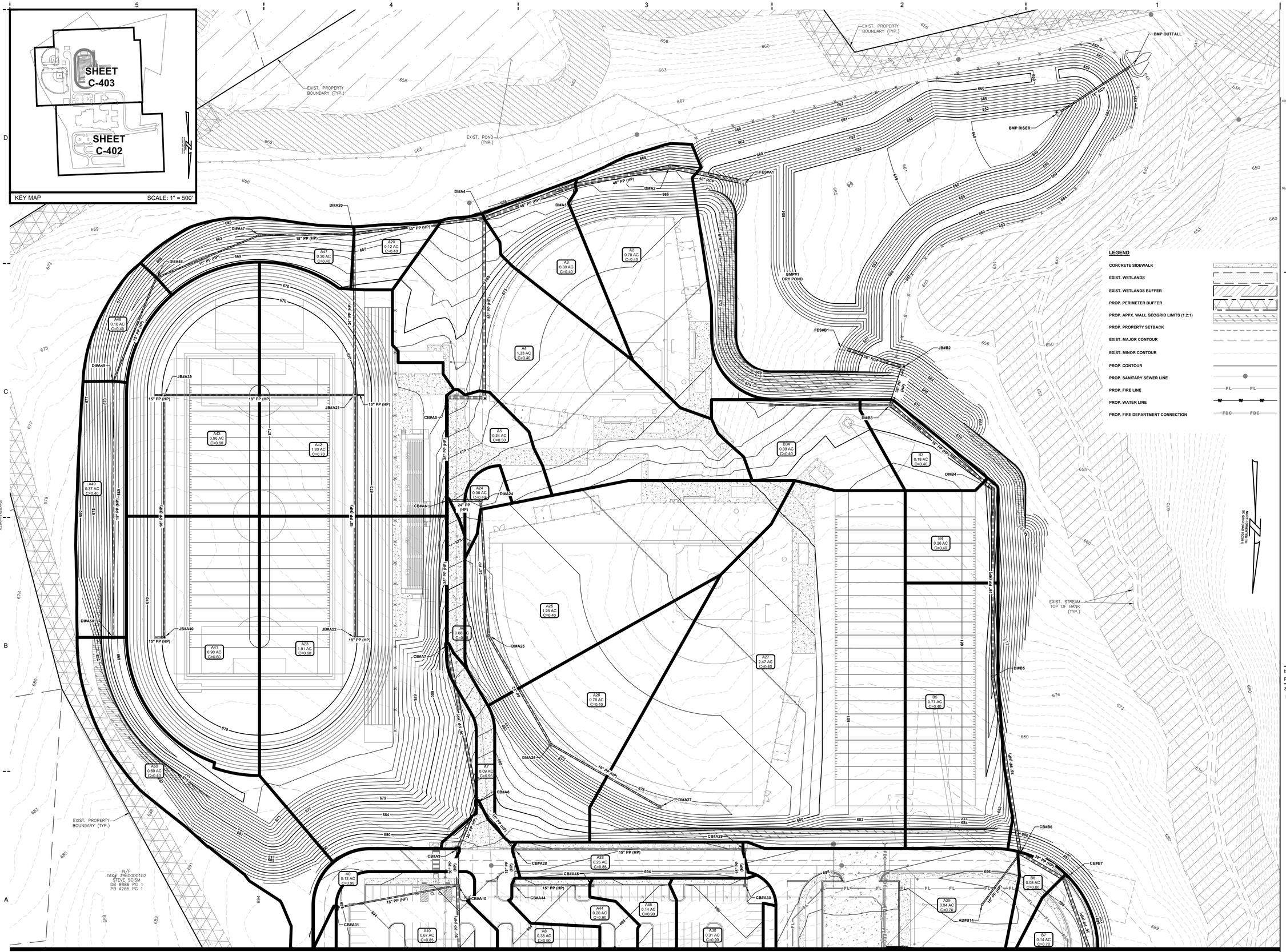
KEY MAP SCALE: 1" = 500'



LEGEND

- CONCRETE SIDEWALK
- EXIST. WETLANDS
- EXIST. WETLANDS BUFFER
- PROP. PERIMETER BUFFER
- PROP. APPX. WALL GEOGRID LIMITS (1.2:1)
- PROP. PROPERTY SETBACK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. CONTOUR
- PROP. SANITARY SEWER LINE
- PROP. FIRE LINE (FL)
- PROP. WATER LINE (W)
- PROP. FIRE DEPARTMENT CONNECTION (FDC)

MATCH LINE - SEE SHEET C-402

GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith
ARCHITECTURE

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SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

NICHOLAS C. TURNER — No. 030911 — REGISTERED LANDSCAPE ARCHITECT — SOUTH CAROLINA

2025.09.29 23:23:58-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
STORM DRAINAGE AREA PLAN - SHEET 2 OF 2

SHEET NO. C-403

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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REVISED PER AGENCY COMMENTS (RC 09/05/2025) (RC 09/26/2025)

Y:\24-02005 - YSD1 New Middle School (JCS)_24\02005\Sheets\24-02005-STRM DA PLAN.dwg, C-403, dhagins

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V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-ECP2-OVERALL.dwg, C-503 OVERALL EROSION - DEVELOPED BY MCMILLAN PAZDAN SMITH ARCHITECTURE, 04/16/2025 11:24:08 AM, EDWARD.MCMILLAN

MATCHLINE - SEE SHEET C-503B

N/F TAX# 3960000048 JESSE J & DELOIS A WILMORE DB 20544 PG 78 PB 101 PG 110

N/F TAX# 3960000047 HARRINGTON CHARLES SEGAL DB 18189 PG 71 PB 101 PG 110

N/F TAX# 3960000044 GUSSIE D BUTLER DB 1114 PG 167 PB 101 PG 110

N/F TAX# 3960000041 WILLIAM E DIGBY DB 8980 PG 300 PB 101 PG 110

N/F TAX# 3960000007 WILLIAM W & WILMA D DIGBY DB 238 PG 151 PB 98 PG 540

N/F TAX# 3960000008 AVIS N BROWN DB 21099 PG 27 PB C138 PG 2

N/F TAX# 3960000025 BRILTON J BERRY DB 21486 PG 116 PB C138 PG 2

N/F TAX# 3960000097 SIRENA LAVERNE BERRY DB 13580 PG 255 PB C138 PG 2

N/F TAX# 3960000099 WILLIAM B SCISM DB 7356 PG 26 PB C270 PG 5

N/F TAX# 3960000036 DENNIS T II & KRISTIN STEWART DB 17941 PG 212 PB C244 PG 10

N/F TAX# 3960000102 STEVE SCISM DB 8886 PG 1 PB A265 PG 1

N/F TAX# 3960000007 WILLIAM W & WILMA D DIGBY DB 238 PG 151 PB 98 PG 540

N/F TAX# 3960000022 PATSY M FIELDS DB 18876 PG 388 PB 63 PG 6

N/F TAX# 3960000106 ANGELA K BLAKELY DB 16564 PG 300 PB 155 PG 288

N/F TAX# 3960000070 KENNETH D COLLINS DB 14916 PG 65 PB 107 PG 45

N/F TAX# 3960000071 ANTON G & SHANA HORNUNG DB 5407 PG 21 PB A355 PG 10

N/F TAX# 3960000072 WILFREDO A VALLE DB 20857 PG 120 PB 107 PG 45

N/F TAX# 3960000073 MICHAEL PAUL FRITZ DB 14312 PG 171 PB A6 PG 8

N/F TAX# 3960000074 LINDA W & MICHAEL R CHEVALIER DB 13849 PG 198 PB 108 PG 91

N/F TAX# 3960000075 IMRAN & NAJWA A B SHAKIR WATTS DB 15931 PG 175 PB B95 PG 7

N/F TAX# 3960000076 RICHARD T MEACHAM DB 5496 PG 288 PB 108 PG 91

N/F TAX# 3960000077 RICHARD T MEACHAM DB 5496 PG 288 PB 108 PG 91

N/F TAX# 3960000045 WIELAND PROPERTY LLC DB 15393 PG 56 PB E370 PG 1

N/F TAX# 3960000052 WIELAND PROPERTY LLC DB 25393 PG 79 PB E370 PG 3

EXIST. POND (TYP.)

EXIST. WETLANDS (TYP.)

EXIST. TOP OF BANK (TYP.)

EXIST. PROPERTY BOUNDARY (TYP.)

EXIST. 30' POWER EASEMENT (TYP.)

EXIST. OVERHEAD POWER (TYP.)

EXIST. EDGE OF PAVEMENT (TYP.)

PROP. 45' WETLANDS BUFFER (TYP.)

PROP. 45' STREAM BUFFER (TYP.)

PROP. 35' REAR BUFFER (TYP.)

PROP. 45' WETLANDS BUFFER (TYP.)

TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE W/ ORANGE TREE PROTECTION FENCE (TYP.)

TEMP. STOCKPILE AREA (TYP.)

SB-1

TIME OF CONCENTRATION PATH TO SEDIMENT BASIN 1

PROP. DISTURBANCE LIMITS (TYP.)

TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE W/ ORANGE TREE PROTECTION FENCE (TYP.)

TEMP. ORANGE TREE PROTECTION FENCE (TYP.)

TEMP. CONSTRUCTION ENTRANCE

PROP. DRAINAGE AREA (TYP.)

PROP. DRAINAGE AREA (TYP.)

PROP. DISTURBANCE LIMITS (TYP.)

SB-1
EC PHASE 2
DA=37.66 AC

TEMP. ORANGE TREE PROTECTION FENCE (TYP.)

TEMP. CONSTRUCTION ENTRANCE

HOUSTON DRIVE
(YORK COUNTY MAINTAINED ROAD)
(EXIST. 90' PUBLIC R/W)

OLD YORK ROAD
(SCDOT MAINTAINED ROAD)
(EXIST. 80' PUBLIC R/W)

GRAPHIC SCALE

100' 0 50' 100' 200' 400'

(IN FEET)
1 INCH = 100 FT.

SHEET C-505

SHEET C-504

KEY MAP SCALE: 1" = 500'

LEGEND

- EXIST. WETLAND
- EXIST. WETLAND BUFFER
- EXIST. STREAM BUFFER
- PROP. TREE SAVE
- EXIST. TOP OF BANK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. DISTURBANCE LIMITS
- PROP. DRAINAGE AREA
- TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE
- TEMP. SILT FENCE
- PROP. TREE PROTECTION FENCE
- PROP. CONSTRUCTION ENTRANCE
- PROP. ROCK CHECK DAM
- PROP. ROCK SILT FENCE OUTLET
- PROP. EROSION CONTROL BLANKET
- EXIST. SOILS BOUNDARY

EROSION CONTROL NOTES:

1. TOTAL DISTURBANCE AREA = 41.52 ACRES.
2. THIS SITE IS TO BE MASS GRADED
3. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ACCESSES A PAVED ROADWAY.

SEE SHEET C-003 FOR CONSTRUCTION SEQUENCE AND EROSION CONTROL NOTES.

ESP
ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

Know what's below. Call before you dig.

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

PROFESSIONAL ENGINEER No. 030911 — SOUTH CAROLINA — R. C. TURNER

2025.09.29 23:24:02-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE: 04/16/2025
PHASE: BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:

OVERALL EROSION CONTROL PHASE 2 PLAN

SHEET NO. C-503

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

MATCH LINE - SEE SHEET C-505

SB-1
EC PHASE 2
DA=37.66 AC

PROP. DRAINAGE AREA (TYP.)

TIME OF CONCENTRATION PATH TO SEDIMENT BASIN 1

N/F
TAX# 3960000102
STEVE SOSM
DB 8886 PG 1
PB A265 PG 1

N/F
TAX# 3960000019
STEVEN G & ROBIN G SCISM
DB 17345 PG 451
PB 49 PG 24

EXIST. PROPERTY BOUNDARY (TYP.)

PROP. DISTURBANCE LIMITS (TYP.)

TEMP. ORANGE TREE PROTECTION FENCE (TYP.)

EXIST. 30' POWER EASEMENT (TYP.)

TEMP. 20'X100' CONSTRUCTION ENTRANCE (TYP.)

TEMP. CONCRETE WASHOUT (TYP.)

TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE W/ ORANGE TREE PROTECTION FENCE (TYP.)

EXIST. PROPERTY BOUNDARY (TYP.)

EXIST. TOP OF BANK (TYP.)

N/F
TAX# 3960000077
RICHARD T MEACHAM
DB 5496 PG 288
PB 108 PG 91

PROP. RIP RAP APRON
L=x20'; W1=9'
W2=23'; T=1.5'

PROP. 45' STREAM BUFFER (TYP.)

TEMP. 20'X100' CONSTRUCTION ENTRANCE (TYP.)

TEMP. ROCK SILT FENCE OUTLET (TYP.)

PROP. 75 LF 24" RCP CULVERT @ 0.52%

TEMP. CONCRETE WASHOUT (TYP.)

TEMP. ORANGE TREE PROTECTION FENCE (TYP.)

PROP. DISTURBANCE LIMITS (TYP.)

N/F
TAX# 3960000052
WIELAND PROPERTY LLC
DB 25393 PG 79
PB E370 PG 3

N/F
TAX# 3960000045
WIELAND PROPERTY LLC
DB 15393 PG 56
PB E370 PG 1

EXIST. PROPERTY BOUNDARY (TYP.)

TEMP. SINGLE ROW SILT FENCE (TYP.)

EXIST. CIMH-10

15" RCP

HOUSTON DRIVE
(YORK COUNTY MAINTAINED ROAD)
(EXIST. 90' PUBLIC R/W)

OLD YORK ROAD
(SCDOT MAINTAINED ROAD)
(EXIST. 80' PUBLIC R/W)

LEGEND

- EXIST. WETLAND
- EXIST. WETLAND BUFFER
- EXIST. STREAM BUFFER
- PROP. TREE SAVE
- EXIST. TOP OF BANK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. DISTURBANCE LIMITS
- PROP. DRAINAGE AREA
- TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE
- TEMP. SILT FENCE
- PROP. TREE PROTECTION FENCE
- PROP. CONSTRUCTION ENTRANCE
- PROP. ROCK CHECK DAM
- PROP. ROCK SILT FENCE OUTLET
- PROP. EROSION CONTROL BLANKET
- PROP. INLET CONTROL PROTECTION

EROSION CONTROL NOTES:

1. TOTAL DISTURBANCE AREA = 41.52 ACRES.
2. THIS SITE IS TO BE MASS GRADED
3. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ACCESSES A PAVED ROADWAY.

SEE SHEET C-002 FOR CONSTRUCTION SEQUENCE AND EROSION CONTROL NOTES.

GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

Know what's below. Call before you dig.

ESP
ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

KEY MAP
SHEET C-505
SHEET C-504
NORTH ORIENTED TO GRID REF.
SCALE: 1" = 500'

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — STATE OF AUTHORIZATION — SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT No. 030911 — SOUTH CAROLINA
2025.09.29 23:24:05-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	09/05/2025	REVISED PER AGENCY COMMENTS
3	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
EROSION CONTROL PHASE 2 PLAN - SHEET 1 OF 2

SHEET NO. C-504

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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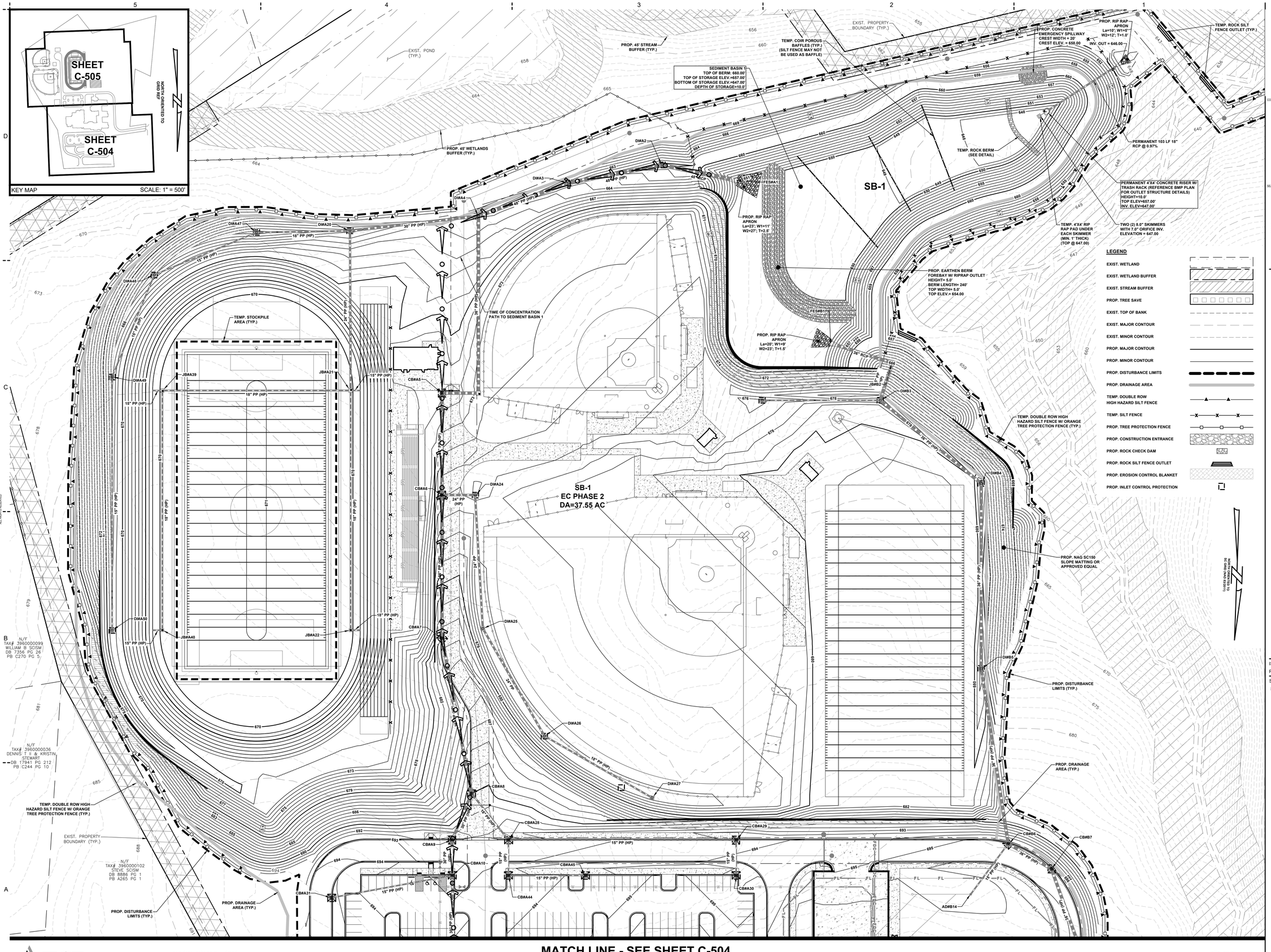
V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-ECP2.dwg, C-504 EROSION CONTROL PHASE 2, 10/6/2025 8:43:23 AM, Chris Yarborough



LEGEND

- EXIST. WETLAND
- EXIST. WETLAND BUFFER
- EXIST. STREAM BUFFER
- PROP. TREE SAVE
- EXIST. TOP OF BANK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. DISTURBANCE LIMITS
- PROP. DRAINAGE AREA
- TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE
- TEMP. SILT FENCE
- PROP. TREE PROTECTION FENCE
- PROP. CONSTRUCTION ENTRANCE
- PROP. ROCK CHECK DAM
- PROP. ROCK SILT FENCE OUTLET
- PROP. EROSION CONTROL BLANKET
- PROP. INLET CONTROL PROTECTION

EROSION CONTROL NOTES:

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GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

Know what's below. Call before you dig.

ESP ASSOCIATES, INC
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FORT MILL, SOUTH CAROLINA 29708

V:\24-02005 - YSD1 New Middle School (JCR)_2-4-02005\Sheets\24-02005-ECP-2.dwg, C-505 EROSION CONTROL PHASE 2, 9/29/2025 8:23:24 AM, CKY
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mcmillan pazdan smith ARCHITECTURE
CONSULTANT LOGO

SEALS

SOUTH CAROLINA ESP ASSOCIATES, INC. No. 5839 STATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 030911 CHRISTOPHER K. TURNER

2025.09.29 08:24:09-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	09/05/2025	REVISED PER AGENCY COMMENTS
3	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

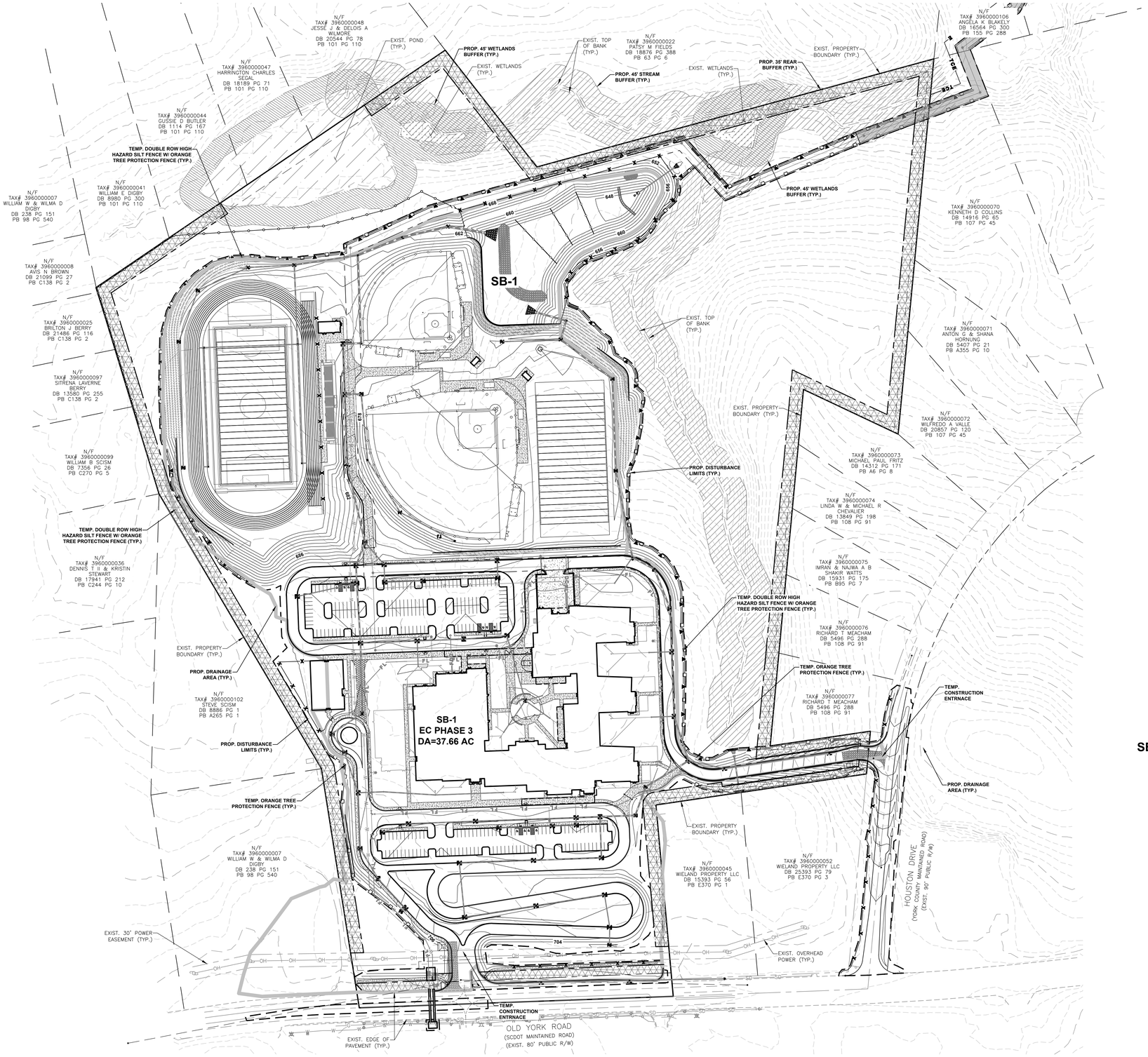
SHEET TITLE:

EROSION CONTROL PHASE 2 PLAN - SHEET 2 OF 2

SHEET NO. C-505

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005



LEGEND

- EXIST. WETLAND
- EXIST. WETLAND BUFFER
- EXIST. STREAM BUFFER
- PROP. TREE SAVE
- EXIST. TOP OF BANK
- EXIST. MAJOR CONTOUR
- EXIST. MINOR CONTOUR
- PROP. MAJOR CONTOUR
- PROP. MINOR CONTOUR
- PROP. DISTURBANCE LIMITS
- PROP. DRAINAGE AREA
- TEMP. DOUBLE ROW HIGH HAZARD SILT FENCE
- TEMP. SILT FENCE
- PROP. TREE PROTECTION FENCE
- PROP. CONSTRUCTION ENTRANCE
- PROP. ROCK CHECK DAM
- PROP. ROCK SILT FENCE OUTLET
- PROP. EROSION CONTROL BLANKET

EROSION CONTROL NOTES:

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SEE SHEET C-003 FOR CONSTRUCTION SEQUENCE AND EROSION CONTROL NOTES.

GRAPHIC SCALE

100' 0 50' 100' 200' 400'

(IN FEET)
1 INCH = 100 FT.

SC 811 DIAL 811 OR 1-888-721-7877 811 Know what's below. Call before you dig.

ESP
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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839
SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA PROFESSIONAL ENGINEER No. 030911
R. C. TURNER
2025.09.26 23:24:19-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

OVERALL EROSION CONTROL PHASE 3 PLAN

SHEET NO. C-506

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-EOPH-OVERALL.dwg, C-003 OVERALL EROSION

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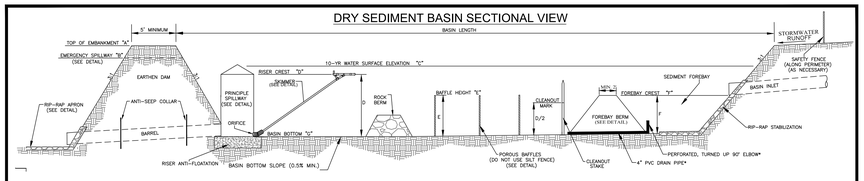
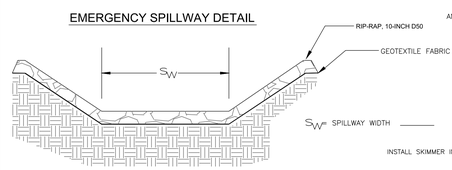
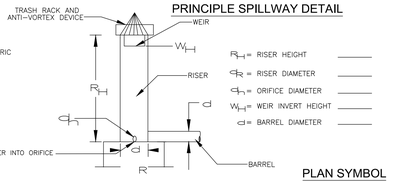
DRY SEDIMENT BASIN SECTIONAL VIEW



EMERGENCY SPILLWAY DETAIL



PRINCIPLE SPILLWAY DETAIL



PLAN SYMBOL

SEDIMENT BASIN DESIGN TABLE

Sediment Basin Number/Name	"A"	"B"	"C"	"D"	"E"	"F"	"G"	Skimmer Size (in.)	Skimmer Orifice (in.)	Skimmer Daily Discharge Capacity (FT^3/DAY)	Skimmer Average Discharge Rate (CFS)	Dewatering Time (Days)	No. of Skimmers
SB-1 ECP1	660.00	658.00	654.63	657.00	4'	3'	647.00	8	7	154,656	0.89 EA = 1.79 TOTAL	3.9	2
SB-1 ECP2	660.00	658.00	653.73	657.00	4'	3'	647.00	8	7	154,656	0.89 EA = 1.79 TOTAL	3.1	2

*MODIFIED DETAIL

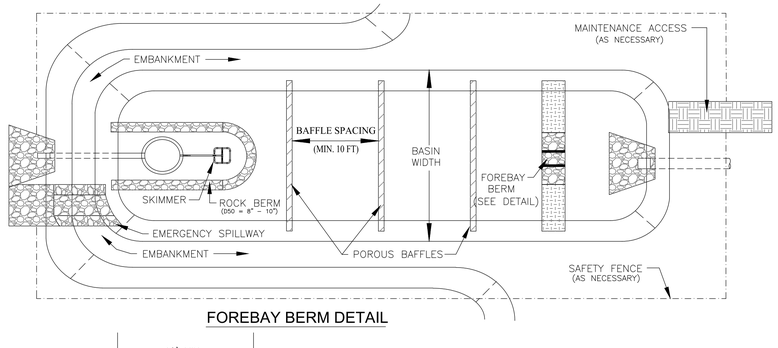
South Carolina Department of Health and Environmental Control

DRY SEDIMENT BASIN

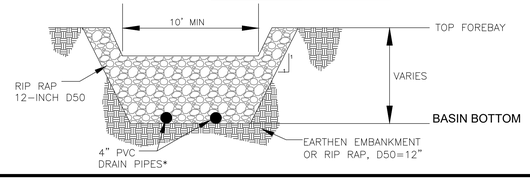
STANDARD DRAWING NO. SC-01 Page 1 of 3

NOT TO SCALE — FEBRUARY 2014 DATE

DRY SEDIMENT BASIN PLAN VIEW



FOREBAY BERM DETAIL



*MODIFIED DETAIL

South Carolina Department of Health and Environmental Control

DRY SEDIMENT BASIN

STANDARD DRAWING NO. SC-01 Page 2 of 3

NOT TO SCALE — FEBRUARY 2014 DATE

DRY SEDIMENT BASIN - GENERAL NOTES

1. Sediment basins should not be placed in Waters of the State or USGS blue-line streams (unless approved by Federal Authorities).
2. Sediment basin's side slopes shall be seeded and, when necessary, stabilized with vegetative or synthetic matting to prevent the formation of rills and gullies.
3. Install three (3) rows of porous baffles with a minimum spacing of 10 feet. Baffles should ultimately be placed to maximize the space between each row of baffles and the basin's inlets/outlets. Only two (2) rows of baffles are necessary for basins that are less than 50 feet in length.
4. Porous Baffles should be composed of coir-based materials or TRMs with a light penetration (open spaces) between 10-35%. These materials should not have loose straw. Silt Fence may not be used as Porous Baffles.
5. Each porous baffles shall be installed across the entire width of the basin and along the basin's side slope until the height of the baffle intersects the slope.
6. Install skimmer and coupling (as necessary) to riser structure at orifice along bottom of the principle spillway's riser structure. (Refer to skimmer manufacturer for installation procedures and skimmer specifications.)
7. Skimmer should be equipped with a mechanism, such as a rope, to allow easy access to skimmer to unclogged orifice or perform other necessary maintenance.
8. Stormwater runoff entering the basin must be directed into proper BMPs to prevent erosion along side slopes and to prevent scour at the basin's inlets.
9. The forebay berm should consist of riprap, gabion, or an earthen berm with a rock filled outlet that is constructed across the bottom of the basin's width.
10. An additional cleanout stake for the forebay area is recommended and should be marked for cleanout at 50% of provided sediment storage.
11. The elevation of the emergency spillway should be at least 1 foot below the top of the embankment. The emergency spillway should not be located on fill material, when possible. Riprap and geotextile liner should be placed on all spillways that must be located on fill material.

DRY SEDIMENT BASIN — INSPECTION AND MAINTENANCE

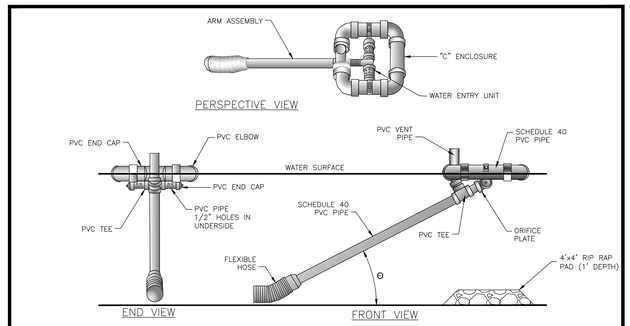
1. The key to a functional sediment basin is weekly inspections, routine maintenance, and regular sediment removal.
2. Attention to sediment accumulations within the basin is extremely important. Accumulated sediment deposition should be continually checked and removed when necessary.
3. Remove accumulated sediment when it reaches 50% of the design sediment storage volume or 1/2 the height of the riser structure, whichever is reached first.
4. Removed sediment from the basin shall be placed in stockpile storage areas or spread thinly across the disturbed area. Stabilize the removed sediment after it is relocated.
5. Inspections of sediment basins should be conducted once every calendar week and, as recommended, within 24-hours of each rainfall event that produces ½-inch or more of precipitation.
6. All temporary sediment basins, which are not to be converted to a detention basin post-construction, should be removed within 30 days after final site stabilization is achieved.
7. Disturbed areas resulting from the removal of the sediment basin should be permanently stabilized and additional BMPs, such as silt fence, should be utilized to accept stormwater runoff from this disturbed area until final stabilization is reached.

South Carolina Department of Health and Environmental Control

DRY SEDIMENT BASIN

STANDARD DRAWING NO. SC-01 Page 3 of 3

GENERAL NOTES — FEBRUARY 2014 DATE



BASIN	SKIMMER SIZE	ORIFICE DIA.	ATTACHMENT	FLOW (CFS)	10 YR VOLUME (CF)	DEWATERING (HR)
SB-1 ECP1	8" (2 REQ'D)	7"	FLEXIBLE HOSE	1.79	596,598	92.61
SB-1 ECP2	8" (2 REQ'D)	7"	FLEXIBLE HOSE	1.79	477,200	74.07

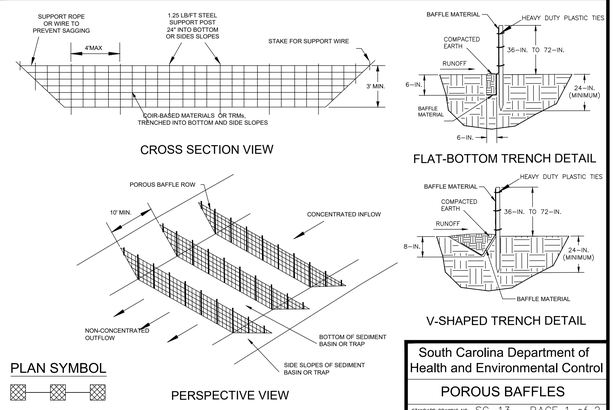
* CONTRACTOR SHALL INSTALL FAIRCLOTH SKIMMER OR APPROVED EQUIVALENT

SCHEMATIC OF SKIMMER TAKEN FROM PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL MANUAL, MARCH 2000

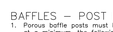
SKIMMER

STANDARD DRAWING NO.

APPROVED BY: DATE



PLAN SYMBOL



South Carolina Department of Health and Environmental Control

POROUS BAFFLES

STANDARD DRAWING NO. SC-13 PAGE 1 of 2

NOT TO SCALE — FEBRUARY 2014 DATE

BAFFLES – POST REQUIREMENTS

1. Porous baffle posts must be 60-inch to 96-inch long steel posts that meet, at a minimum, the following physical characteristics.
   - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
   - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
   - Weigh 1.25 pounds per foot (± 8%)
2. Posts shall be equipped with projections to aid in fastening of baffle material.
3. Install posts to a minimum of 24-inches. A minimum height of 1- to 2-inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
4. Post spacing shall be at a maximum of 4-feet on center.

BAFFLES – MATERIAL REQUIREMENTS

1. Baffle material must be composed of coir-based materials or Turf Reinforcement Matting (TRM) that consists of the following requirements:
   - Have a light penetration (% openings) between 10-35%;
   - Free of loose straw material;
   - Have a minimum tensile strength of 145 lb/ft; and,
   - Have a minimum width of 48-inches.
2. 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled or baffle material may be stapled into ground by using 12-inch staples with a maximum spacing of 12-inches.
3. Baffle material shall be purchased in continuous rolls and cut to the width of the sediment basin or trap to avoid joints.

BAFFLES – GENERAL NOTES

1. Attach baffle to the steel posts using heavy-duty plastic ties that are evenly spaced along the above ground portion of each post.
2. Install the baffle rows perpendicular to the direction of the stormwater flow and place each baffle the proper distance from inlet and outlets to allow access for maintenance and clean-out.

BAFFLES – INSPECTION & MAINTENANCE

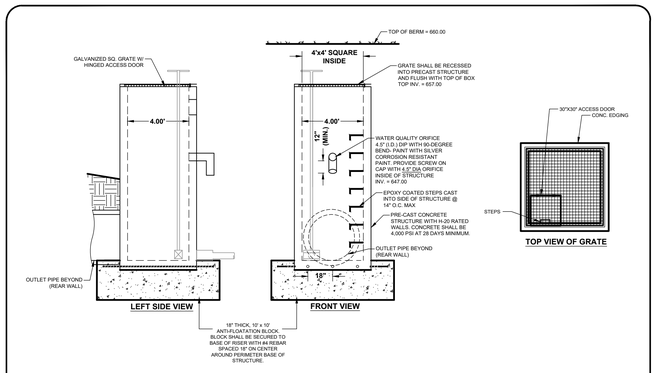
1. The key to functional porous baffles is weekly inspection, routine maintenance, and regular sediment removal.
2. Regular inspections of porous baffles shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations along each row of baffles is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when it reaches 1/3 the height of the baffle row or when it reaches the clean-out height of the sediment basin or trap, whichever is reached first.
5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
6. Check for areas where stormwater runoff has eroded a channel beneath each row of baffles, or where the baffle has sagged or collapsed due to runoff overtopping the baffle.
7. Check for tears/rips within the baffles, areas where the baffle has begun to decompose, and for any other circumstance that may render the baffle ineffective. Removed damaged baffles and reinstall new baffles immediately.
8. Porous baffles should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

South Carolina Department of Health and Environmental Control

POROUS BAFFLES

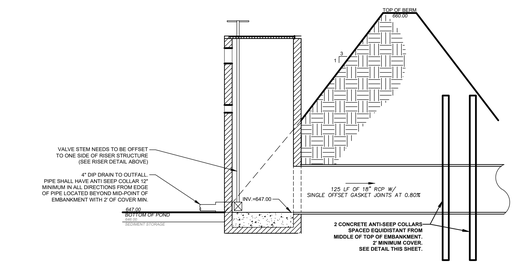
STANDARD DRAWING NO. SC-13 PAGE 2 of 2

GENERAL NOTES — FEBRUARY 2014 DATE



NOT TO SCALE

RISER STRUCTURE #1 ELEVATION DETAIL
(SEDIMENT BASIN 1)



NOT TO SCALE

RISER STRUCTURE #1 SECTION DETAIL
(SEDIMENT BASIN 1)

BMP NOTES:

EMBANKMENT FILL MATERIALS

1. BORROW MATERIAL SHALL BE CLASSIFIED AS ML, MH, CL OR CH SOILS ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D2487) OR ANY MIXTURE OF THESE SOILS.

2. MATERIAL SHALL BE FREE OF TOPSOIL, ORGANIC MATERIAL, ROOTS, STUMPS, BRUSH, ROCKS LARGER THAN 3 INCHES, SUBSOIL, DEBRIS, VEGETATION AND OTHER FOREIGN MATERIAL.

3. ALL MATERIAL CLODS SHALL BE BROKEN DOWN WITH TILLERS AND/OR DISCS TO PROVIDE HOMOGENEOUS SOIL THAT IS FREE OF CLAY CLODS GREATER THAN 3 INCHES IN DIAMETER.

EMBANKMENT CONSTRUCTION

1. COMPACT SUBGRADE TO DENSITY REQUIREMENTS FOR SUBSEQUENT FILL MATERIALS.

2. CUT OUT SOFT AREAS OF SUBGRADE NOT CAPABLE OF COMPACTION IN PLACE.

3. SCARIFY SUBGRADE SURFACE TO A DEPTH OF 6 INCHES.

4. PROOF ROLL SUBGRADE TO IDENTIFY SOFT SPOTS; FILL AND COMPACT TO DENSITY EQUAL TO OR GREATER THAN REQUIREMENTS FOR SUBSEQUENT FILL MATERIAL.

5. EMBANKMENT FILL SHALL BE CONSTRUCTED AT 3 (HORIZONTAL) TO 1 (VERTICAL) OR AS SHOWN ON THE CONSTRUCTION DRAWINGS. DEMONSTRATION OF APPROPRIATE SAFETY FACTORS AGAINST FAILURE THROUGH GEOTECHNICAL ANALYSIS SHALL BE REQUIRED FOR SLOPES STEEPER THAN 3:1.

6. FILL SOILS SHALL BE PLACED IN LOOSE LIFTS NOT TO EXCEED 8 INCHES IN THICKNESS AND BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE SOILS STANDARD PROCTOR (ASTM D698) MAXIMUM DRY DENSITY, OR AS SPECIFIED ON THE CONSTRUCTION DRAWINGS.

7. COMPACTED MOISTURE CONTENT SHALL BE BETWEEN 3 PERCENT BELOW AND 3 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT FOR ALL FILL PLACED, OR AS OTHERWISE APPROVED BY THE ENGINEER.

8. PLACE A MINIMUM OF 6 INCHES OF TOPSOIL ACROSS THE DAM EMBANKMENT TO PROMOTE VEGETATIVE GROWTH.

9. FILL OF THE CULVERTS SHALL BE PLACED AND COMPACTED IN 6-INCH THICK LOOSE LIFTS AROUND THE OUTLET STRUCTURE AND ABOVE THE CULVERTS.

10. COMPACTION SHALL BE PERFORMED BY HAND TAMPERS OR SMALL HAND OPERATED COMPACTORS.

11. COMPACTION SHALL BE AT A MINIMUM 95 PERCENT OF THE STANDARD PROCTOR (ASTM D698) MAXIMUM DRY DENSITY. COMPACTED MOISTURE CONTENT SHALL BE BETWEEN 3 PERCENT BELOW AND 3 PERCENT ABOVE THE OPTIMUM MOISTURE CONTENT FOR ALL FILL PLACED OR AS OTHERWISE APPROVED BY THE ENGINEER.

FIELD QUALITY CONTROL

1. PERFORM LABORATORY MATERIAL TESTS IN ACCORDANCE WITH ASTM D422, ASTM D698, ASTM D2216 AND ASTM D4318.

2. TEST AT A FREQUENCY OF EVERY 500 CUBIC YARDS OF EMBANKMENT FILL MATERIAL PLACED, WHEN MATERIALS USED FOR EMBANKMENT FILL CHANGE, AND/OR AS DIRECTED BY THE ENGINEER.

3. SAMPLE SIZE SHALL BE 50 LB.

4. PERFORM IN PLACE COMPACTION TESTS IN ACCORDANCE WITH ASTM D1556 OR ASTM D2937 AND NATURAL MOISTURE CONTENT TEST IN ACCORDANCE WITH ASTM D2216.

5. FREQUENCY OF COMPACTION/NATURAL MOISTURE CONTENT TESTS:
EMBANKMENT FILL:
EACH LIFT SHALL BE TESTED AT A MINIMUM FREQUENCY OF 1 PER 2,500 SQ. FT.
PIPE INSTALLATION:
EACH LIFT SHALL BE TESTED AT A MINIMUM FREQUENCY OF 1 PER 30 LF OF PIPE

6. WHEN TESTS INDICATE WORK DOES NOT MEET SPECIFIED REQUIREMENTS, REMOVE WORK, REPLACE AND RETEST.

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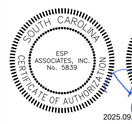
SEALS



YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	09/05/2025	REVISED PER AGENCY COMMENTS
3	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

EROSION CONTROL DETAILS - SHEET 3 OF 4

SHEET NO. C-509

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-EC DETAILS.dwg, C-509 EROSION CONTROL, DS, DEVONA.TUCCIARONE, 9/29/2025 8:23:47 AM

MATCH LINE - SEE SHEET C-601

PROP. FIRE HYDRANT
PROP. FREE-STANDING FDC (STORZ)
PROP. 4" FDC LINE (TYP.)
PROP. 8" FIRE SERVICE LINE (TYP.)
PROP. FIRE HYDRANT
PUMPER FIRE TRUCK (TYP.)
PROP. 8" FIRE SERVICE LINE (TYP.)
PROP. 4" FDC LINE (TYP.)
PROP. MIDDLE SCHOOL
MAIN LEVEL
FFE = 697.00
(2 FLOORS)
(SEE ARCHITECTURAL PLANS FOR DETAILS)
PROP. FIRE HYDRANT
EXIST. PROPERTY BOUNDARY (TYP.)
FIRE LANE - NO PARKING
PUMPER FIRE TRUCK (TYP.)
PROP. FIRE HYDRANT
PUMPER FIRE TRUCK (TYP.)
EXIST. PROPERTY BOUNDARY (TYP.)
N/F
TAX# 3960000077
RICHARD T MEACHAM
DB 5496 PG 288
PB 108 PG 91
PUMPER FIRE TRUCK (TYP.)
N/F
TAX# 3960000019
STEVEN G & ROBIN G SCISM
DB 17345 PG 451
PB 49 PG 24
N/F
TAX# 3960000045
WIELAND PROPERTY LLC
DB 15393 PG 56
PB E370 PG 1
N/F
TAX# 3960000052
WIELAND PROPERTY LLC
DB 25393 PG 79
PB E370 PG 3
EXIST. PROPERTY BOUNDARY (TYP.)
PUMPER FIRE TRUCK (TYP.)
OLD YORK ROAD
(SC HWY 161)
(SCDOT MAINTAINED ROAD)
(EXIST. 80' PUBLIC R/W)
HOUSTON DRIVE
(YORK COUNTY MAINTAINED ROAD)
(EXIST. 90' PUBLIC R/W)

LEGEND

PUMPER FIRE TRUCK TYPE	
FIRE HOSE FROM TRUCK TO BUILDING	
FIRE HOSE FROM HYDRANT TO TRUCK	
FIRE HYDRANT	
FIRE DEPARTMENT CONNECTION	FDC FDC
FIRE LINE	FL FL
FIRE TRUCK WHEEL PATH	
FIRE TRUCK BODY PATH	

KEY MAP — SCALE: 1" = 500'

SHEET C-601

SHEET C-600

GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

VERIFY SCALES BEFORE USING THIS DRAWING

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V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-FIRE LIFE SAFETY PLAN.dwg, C-600 FIRE LIFE SAFETY PLAN, 2025-09-29 23:24:26, CKY

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3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE

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SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION

NO. 030911 — REGISTERED LANDSCAPE ARCHITECT — R. C. TURNER

2025.09.29 23:24:26-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
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3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
FIRE LIFE SAFETY PLAN - SHEET 1 OF 2

SHEET NO. C-600

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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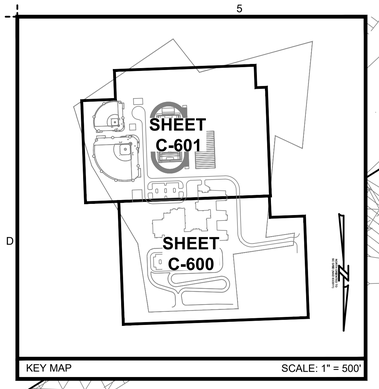

PROP. SOFTBALL FIELD

PROP. ATHLETIC FIELD WITH 8 LANE TRACK

PROP. BASEBALL FIELD

PROP. MULTI-PURPOSE FIELD (160' X 360')

26'

145'

N/F
TAX# 3960000099
WILLIAM B SCISM
DB 7356 PG 26
PB C270 PG 5

N/F
TAX# 3960000036
DENNIS T II & KRISTIN STEWART
DB 17941 PG 212
PB C244 PG 10

N/F
TAX# 3960000102
STEVE SCISM
DB 8886 PG 1
PB A265 PG 1

PROP. FIRE HYDRANT

PROP. FREE STANDING FDC (STOR2)

PUMPER FIRE TRUCK (TYP.)

PROP. 8" FIRE SERVICE LINE (TYP.)

PROP. 4" FDC LINE (TYP.)

LEGEND

PUMPER FIRE TRUCK TYPE	
FIRE HOSE FROM TRUCK TO BUILDING	
FIRE HOSE FROM HYDRANT TO TRUCK	
FIRE HYDRANT	
FIRE DEPARTMENT CONNECTION	FDC FDC
FIRE LINE	FL FL
FIRE TRUCK WHEEL PATH	
FIRE TRUCK BODY PATH	

MATCH LINE - SEE SHEET C-600

GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

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NO. 030911 — REGISTERED LANDSCAPE ARCHITECT — SOUTH CAROLINA — R. C. TURNER

2025.09.29 23:24:30-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
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4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

FIRE LIFE SAFETY PLAN - SHEET 2 OF 2

SHEET NO.

C-601

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

V:\24-02005 - YSD1 New Middle School (JCSI)_24-02005\Drawings\24-02005-FIRE LIFE SAFETY PLAN.dwg, C-601 FIRE LIFE SAFETY PLAN, Greg, 9/29/2025 11:24:31 PM

MATCH LINE - SEE SHEET C-701

PROP. 251 LF 4" PVC DOMESTIC LINE (FROM TEE TO TEE)
PROP. MH#P9 (PRIVATE)
PROP. 59 LF 8" PVC FIRE LINE (FROM DIP END TO FH TEE)
PROP. 77 LF 8" PVC FIRE LINE (FROM FH TEE TO DIP END)
PROP. FREE STANDING FDC W/ STROZ
PROP. 8" X 8" X 8" R.J. FIRE LINE TEE
PROP. PRIVATE FH ASSEMBLY (TYP.) (SEE DETAIL)
PROP. 46 LF 6" SCH 40 SAN. SWR. SERVICE LATERAL (1% MIN. SLOPE)
PROP. 106 LF 8" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)
PROP. MH#P10 (PRIVATE)
PROP. 97 LF 4" DIP DOMESTIC LINE (FROM 45° BEND TO BUILDING)
PROP. 166 LF 6" SCH 40 SAN. SWR. SERVICE LATERAL (1% MIN. SLOPE)
PROP. 6" PVC SAN. SWR. CLEANOUT
PROP. 83 LF 8" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)
PROP. 128 LF 4" DIP FDC (FROM FREE STAND TO BUILDING)
PROP. 79 LF 8" DIP FIRE LINE (FROM TEE TO BUILDING)
PROP. SPRINKLER RISER STUB-UPS
PROP. 120 LF 6" SCH 40 SAN. SWR. SERVICE LATERAL AFTER GREASE TRAP
PROP. GREASE TRAP
PROP. 48 LF 8" DIP FIRE LINE (FROM 45° BEND TO DIP END)
PROP. 50 LF 8" PVC FIRE LINE (FROM DIP END TO FH TEE)
PROP. 111 LF 4" SCH 40 SAN. SWR. SERVICE LATERAL (1% MIN. SLOPE)
PROP. 8" 45° R.J. DIP BEND
PROP. 60 LF 8" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)
PROP. 8" X 8" X 6" FH TEE
PROP. PRIVATE FH ASSEMBLY (TYP.) (SEE DETAIL)
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 15" PP (HP) TOP 15" PP (HP) = 690.92 BOTTOM 8" PVC F.L. = 692.55 (1.6' VERT. DIST.) GROUND ELEV. = 696.75
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 15" PP (HP) TOP 15" PP (HP) = 691.00 BOTTOM 8" DIP F.L. = 692.72 (1.7' VERT. DIST.) GROUND ELEV. = 696.92
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 15" PP (HP) TOP 15" PP (HP) = 690.52 BOTTOM 8" PVC F.L. = 692.64 (2.1' VERT. DIST.) GROUND ELEV. = 696.83
PROP. 4" X 4" X 4" DOMESTIC TEE W/ 4" CAP & 2.5" THREADED TAP ON E OF TEE
PROP. 25 LF 2.5" WATER SERVICE LINE (FROM TEE TO BUILDING)
PROP. 67 LF 8" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)
PROP. 8" 45° R.J. DIP BEND
PROP. 48 LF 8" DIP FIRE LINE (FROM DIP END TO 45° BEND)
PROP. 8" X 8" X 6" FH TEE
PROP. 46 LF 8" PVC FIRE LINE (FROM TEE TO FH TEE)
PROP. 91 LF 4" DIP FDC (FROM FREE STAND TO BUILDING)
PROP. SPRINKLER RISER STUB-UPS
PROP. 32 LF 8" DIP FIRE LINE (FROM TEE TO BUILDING)
PROP. 48 LF 8" DIP FIRE LINE (FROM DIP END TO 45° BEND)
PROP. 6" PVC SAN. SWR. CLEANOUT
PROP. 8" DIP FIRE LINE TO BE INSTALLED ABOVE 8" SAN. SWR. TOP 8" SAN. SWR. = 688.49 BOTTOM 8" DIP F.L. = 692.69 (4.2' VERT. DIST.) GROUND ELEV. = 696.88
PROP. 8" 45° R.J. DIP BEND
PROP. 44 LF 4" PVC DOMESTIC LINE (FROM DIP END TO TEE)
PROP. 4" DIP DOMESTIC LINE TO BE INSTALLED ABOVE 24" PP (HP) TOP 24" PP (HP) = 687.59 BOTTOM 4" DIP W.L. = 691.45 (3.9' VERT. DIST.) GROUND ELEV. = 695.31
PROP. 27 LF 4" DIP DOMESTIC LINE (FROM 45° BEND TO DIP END)
PROP. 25 LF 4" DIP DOMESTIC LINE (FROM 45° BEND TO 45° BEND)
PROP. 4" 45° R.J. DIP BEND
PROP. 27 LF 4" DIP DOMESTIC LINE (FROM DIP END TO 45° BEND)
PROP. 160 LF 8" PVC FIRE LINE (FROM FH TEE TO DIP END)
PROP. 8" X 8" X 6" FH TEE
PROP. PRIVATE FH ASSEMBLY (TYP.) (SEE DETAIL)
PROP. 96 LF 8" PVC FIRE LINE (FROM TEE TO FH TEE)
PROP. 4" DOMESTIC LINE TO BE INSTALLED ABOVE 18" PP (HP) TOP 18" PP (HP) = 690.35 BOTTOM 4" PVC W.L. = 692.03 (1.7' VERT. DIST.) GROUND ELEV. = 695.89
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 18" PP (HP) TOP 18" PP (HP) = 690.46 BOTTOM 8" PVC F.L. = 692.46 (2.0' VERT. DIST.) GROUND ELEV. = 696.66
PROP. 413 LF 8" PVC FIRE LINE (FROM TEE TO FH TEE)
PROP. 131 LF 8" PVC FIRE LINE (FROM FH TEE TO DIP END)
PROP. 8" X 8" X 6" FH TEE
PROP. 181 LF 8" DIP FIRE LINE (FROM 22.5° BEND TO 45° BEND)
PROP. 8" 22.5° R.J. DIP BEND
PROP. 48 LF 8" DIP FIRE LINE (FROM DIP END TO 22.5° BEND)
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 30" PP (HP) TOP 30" PP (HP) = 688.33 BOTTOM 8" PVC F.L. = 692.12 (3.8' VERT. DIST.) GROUND ELEV. = 696.47
PROP. 8" 45° R.J. DIP BEND
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 30" PP (HP) TOP 30" PP (HP) = 688.84 BOTTOM 8" PVC F.L. = 692.39 (3.6' VERT. DIST.) GROUND ELEV. = 696.95
PROP. 8" X 8" X 6" TEE 8" G.V. 5 LF S OF TEE 8" G.V. 5 LF W OF TEE
PROP. 146 LF 8" PVC FIRE LINE (FROM DIP END TO TEE)
PROP. 299 LF 4" PVC DOMESTIC LINE (FROM DIP END TO DIP END)
PROP. 4" PVC DOMESTIC LINE TO BE INSTALLED ABOVE 24" PP (HP) TOP 24" PP (HP) = 691.82 BOTTOM 4" PVC W.L. = 693.50 (1.7' VERT. DIST.) GROUND ELEV. = 697.36
PROP. 8" PVC FIRE LINE TO BE INSTALLED ABOVE 24" PP (HP) TOP 24" PP (HP) = 691.92 BOTTOM 8" PVC F.L. = 693.93 (2.0' VERT. DIST.) GROUND ELEV. = 698.12
PROP. 137 LF 4" PVC DOMESTIC LINE (FROM DIP END TO DIP END)
PROP. 27 LF 4" DIP DOMESTIC LINE (FROM DIP END TO 45° BEND)
PROP. 4" 45° R.J. DIP BEND
PROP. 13 LF 4" DIP DOMESTIC LINE (FROM 22.5° BEND TO DIP END)
PROP. 4" 22.5° R.J. DIP BEND
PROP. 41 LF 4" DIP DOMESTIC LINE (FROM 22.5° BEND TO 22.5° BEND)
PROP. 27 LF 4" DIP DOMESTIC LINE (FROM DIP END TO 45° BEND)
PROP. 48 LF 8" DIP FIRE LINE (FROM 45° BEND TO DIP END)
PROP. 8" 45° R.J. DIP BEND
PROP. 48 LF 8" DIP FIRE LINE (FROM DIP END TO DIP END)
PROP. 4" 22.5° R.J. DIP BEND
PROP. 13 LF 4" DIP DOMESTIC LINE (FROM DIP END TO 22.5° BEND)
PROP. 17 LF 4" PVC DOMESTIC LINE (FROM DIP END TO DIP END)
PROP. 73 LF 8" PVC FIRE LINE (FROM DIP END TO DIP END)
PROP. 28 LF 8" DIP FIRE LINE (FROM 22.5° BEND TO DIP END)
PROP. 8" 22.5° R.J. DIP BEND
PROP. 12 LF 4" DIP DOMESTIC LINE (DOMESTIC DDCVA TO DIP END)
PROP. 4" DOMESTIC DDCVA
PROP. END OF 2" IRRIGATION LINE
PROP. 37 LF 8" DIP FIRE LINE (FROM 22.5° BEND TO 22.5° BEND)
PROP. 8" 22.5° R.J. DIP BEND
PROP. 36 LF 8" DIP FIRE LINE (FROM DDCVA TO 22.5° BEND)
PROP. 2" IRRIGATION LINE RPA
PROP. 37 LF 2" IRRIGATION LINE (FROM METER TO END)
PROP. 2" IRRIGATION METER
PROP. 8" FIRE LINE DDCVA
PROP. 20" X 30" X 10" BORE PIT
PROP. 5 LF 2" IRRIGATION LINE (FROM 90° BEND TO METER)
PROP. 24 LF 4" DIP DOMESTIC LINE (METER TO DOMESTIC DDCVA)
PROP. 4" DOMESTIC SERVICE METER
PROP. 2" 90° BEND
PROP. 10 LF 2" IRRIGATION LINE (FROM TEE TO 90° BEND)
PROP. 2" G.V. 5 LF FROM TEE
PROP. 4" X 4" X 4" TEE W/ 4" CAP & 2" THREADED TAP
PROP. 91 LF 4" DIP DOMESTIC LINE FROM TIE-IN TO METER (DEPTH TO BE DETERMINED BY CLEARANCE WITH EXIST. GAS AND STORM DRAINAGE PIPES ONCE FIELD VERIFIED)
PROP. 117 LF 8" DIP FIRE LINE FROM TIE-IN TO DDCVA (DEPTH TO BE DETERMINED BY CLEARANCE WITH EXIST. GAS AND STORM DRAINAGE PIPES ONCE FIELD VERIFIED)
PROP. 76 LF 16" STEEL ENCASEMENT PIPE WITH SPACERS (0.3125" THICKNESS) INSTALLED BY JACK AND BORE METHOD (CONTRACTOR TO VERIFY STORM AND GAS LINE LOCATION & DEPTH PRIOR TO JACK AND BORE)
PROP. TIE-IN TO EXIST. 16" WATER MAIN WITH 16" X 8" TAPPING SLEEVE AND VALVE
PROP. 76 LF 8" STEEL ENCASEMENT PIPE WITH SPACERS (0.250" THICKNESS) INSTALLED BY JACK AND BORE METHOD (CONTRACTOR TO VERIFY STORM AND GAS LINE LOCATION & DEPTH PRIOR TO JACK AND BORE)
PROP. TIE-IN TO EXIST. 16" WATER MAIN WITH 16" X 4" TAPPING SLEEVE AND VALVE
PROP. 8' X 15' X 10' RECEIVING PIT
PROP. 30' SIDE LANDSCAPE BUFFER
PROP. 50' FRONT BUILDING SETBACK
PROP. 10' SIDE BUILDING SETBACK
PROP. 20' FRONT LANDSCAPE BUFFER
PROP. 20' REDUCED LANDSCAPE BUFFER W/ FENCE
PROP. YOA BUILDING
PROP. MIDDLE SCHOOL MAIN LEVEL FFE = 697.00 (2 FLOORS) (SEE ARCHITECTURAL PLANS FOR DETAILS)
FIRE LANE - NO PARKING
EXIST. PROPERTY BOUNDARY (TYP.)
EXIST. 30' DUKE ENERGY POWER ESMT. (TYP.)
EXIST. OVERHEAD POWER LINE (TYP.)
EXIST. R/W (TYP.)
EXIST. CIMH-10 (PER SURVEY)
EXIST. GAS LINE (TO REMAIN)
EXIST. STORM DRAINAGE (TO REMAIN)
EXIST. 16" WATER LINE (TYP.)
EXIST. FH ASSEMBLY (TYP.)
N/F TAX# 396-00-00-077 RICHARD T. MEACHAM DB 5496 PG 288 PB 108 PG 91
N/F TAX# 396-00-00-052 WIELAND PROPERTY LLC DB 15393 PG 79 PB E370 PG 3
N/F TAX# 396-00-00-045 WIELAND PROPERTY LLC DB 15393 PG 56 PB E370 PG 1
HOUSTON DRIVE (EXIST. 90' PUBLIC R/W) (YORK COUNTY MAINTAINED)
OLD YORK ROAD (SC HWY 161) (EXIST. 80' PUBLIC R/W) (SCDOT MAINTAINED)
S87°54'35"W 282.00'
N14°48'13"W 160.80'
N87°54'35"E 282.00'

KEY MAP — SCALE: 1" = 500'
SHEET C-701
SHEET C-700

GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

Know what's below. Call before you dig.

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS
SOUTH CAROLINA — ESP ASSOCIATES, INC. No. 5839 — CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 030911 — REGISTERED
2025.09.26 23:24:33-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE: 04/16/2025
PHASE: BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
UTILITY PLAN - SHEET 1 OF 2

SHEET NO. C-700
PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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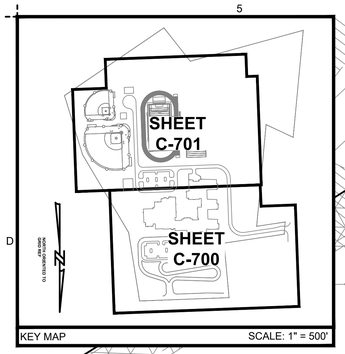
V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005 UTILITY PLAN.dwg, C-700 UTILITY PLAN - SHEET 1 OF 2, 9/26/2025 11:23:57 PM, CKY



MATCH LINE - SEE SHEET C-704

PROP. MH#P1 (PRIVATE)
PROP. MH#P2 (PRIVATE)
PROP. MH#P3 (PRIVATE)
PROP. MH#P4 (PRIVATE)
PROP. MH#P5 (PRIVATE)
PROP. MH#P6 (PRIVATE)
PROP. MH#P7 (PRIVATE)
PROP. MH#P8 (PRIVATE)

S43°45'29"E 105.39'
N74°45'29"E 223.81'
N74°45'29"E 376.69'
N65°45'23"E 206.83'
N2°59'53"W 350.00'
S87°54'35"W 400.00'
S2°59'53"E 350.00'
N87°54'35"E 400.00'

PROP. BMP#1 (DRY POND)
BMP OUTFALL
15" RCP
BMP RISER
PROP. SAN. SWR. TRUNKLINE CONTINUE TO OFFSITE (SEE SEWER PLAN AND PROFILE SHEETS FOR DETAILS)

PROP. SOFTBALL FIELD
PROP. CONCESSIONS / RESTROOMS BUILDING
PROP. ATHLETIC FIELD WITH 8 LANE TRACK
PROP. BASEBALL FIELD
PROP. PRESS BOX / CONCESSIONS BUILDING
PROP. MULTI-PURPOSE FIELD (160' X 360')

PROP. 2.5" 45° BEND
PROP. 8 LF 2.5" WATER SERVICE LINE (FROM 45° BEND TO 45° BEND)
PROP. 2.5" 45° BEND
PROP. 7 LF 2.5" WATER SERVICE LINE (FROM 45° BEND TO 45° BEND)
PROP. 2.5" 45° BEND
PROP. 5 LF 2.5" WATER SERVICE LINE (FROM 45° BEND TO BUILDING)
PROP. 4" PVC SAN. SWR. CLEANOUT
PROP. 7 LF 2.5" WATER SERVICE LINE (FROM 45° BEND TO 45° BEND)
PROP. 2.5" 45° BEND
PROP. 21 LF 4" SCH 40 SAN. SWR. SERVICE LATERAL (1% MIN. SLOPE)
PROP. 2.5" WATER SERVICE TO BE INSTALLED ABOVE 36" PP (HP) TOP 36" PP (HP) = 665.49 BOTTOM 2.5" SERVICE = 667.42 (1.9' VERT. DIST.) GROUND ELEV. = 671.17
PROP. 2.5" WATER SERVICE TO BE INSTALLED ABOVE 24" PP (HP) TOP 24" PP (HP) = 667.64 BOTTOM 2.5" SERVICE = 672.30 (4.7' VERT. DIST.) GROUND ELEV. = 676.10
PROP. 2.5" WATER SERVICE TO BE INSTALLED ABOVE 36" PP (HP) TOP 36" PP (HP) = 679.04 BOTTOM 2.5" SERVICE = 680.75 (1.7' VERT. DIST.) GROUND ELEV. = 684.49
PROP. 531 LF 2.5" WATER SERVICE LINE (FROM 22.5° BEND TO 45° BEND)
PROP. 2.5" 22.5° BEND
PROP. 33 LF 2.5" WATER SERVICE LINE (FROM 22.5° BEND TO 22.5° BEND)
PROP. 2.5" 22.5° BEND
PROP. 487 LF 2.5" WATER SERVICE LINE (FROM TEE TO 22.5° BEND)
PROP. 2.5" PVC WATER SERVICE TO BE INSTALLED ABOVE 15" PP (HP) TOP 15" PP (HP) = 687.58 BOTTOM 4" PVC W.L. = 689.15 (1.6' VERT. DIST.) GROUND ELEV. = 692.89
PROP. 4" X 4" X 4" DOMESTIC TEE W/ 4" CAP & 2.5" THREADED TAP ON S OF TEE 4" G.V. 25 LF W OF TEE
PROP. 187 LF 4" PVC DOMESTIC LINE (FROM TEE TO TEE)
PROP. 4" PVC DOMESTIC LINE TO BE INSTALLED ABOVE 30" PP (HP) TOP 30" PP (HP) = 684.40 BOTTOM 4" PVC W.L. = 688.99 (4.6' VERT. DIST.) GROUND ELEV. = 692.86
PROP. 461 LF 4" PVC DOMESTIC LINE (FROM TEE TO DIP END)
PROP. 4" PVC DOMESTIC LINE TO BE INSTALLED ABOVE 8" SAN. SWR. TOP 8" SAN. SWR. = 682.85, BOTTOM 4" PVC W.L. = 689.35 (6.5' VERT. DIST.); GROUND ELEV. = 693.22
PROP. 120 LF 6" SCH 40 SAN. SWR. SERVICE LATERAL AFTER GREASE TRAP
PROP. 8" 45° R.J. DIP BEND
PROP. 50 LF 8" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)
PROP. 8" 45° R.J. DIP BEND
PROP. 106 LF 8" DIP FIRE LINE (FROM DIP END TO DIP END)
PROP. 27 LF 4" DIP FIRE LINE (FROM DIP END TO 45° BEND)
PROP. 4" 45° R.J. DIP BEND
PROP. 14 LF 4" DIP DOMESTIC LINE (FROM 45° BEND TO 45° BEND)
PROP. 4" 45° R.J. DIP BEND
PROP. 20 LF 8" PVC FIRE LINE (FROM DIP END TO TEE)
PROP. 37 LF 8" PVC FIRE LINE (FROM FH TEE TO DIP END)
PROP. 8" X 8" X 8" FIRE LINE TEE
PROP. FREE STANDING FDC W/ STROZ
PROP. 6" DIP FIRE LINE TO BE INSTALLED ABOVE 15" PP (HP) TOP 15" PP (HP) = 689.65 BOTTOM 8" DIP F.L. = 692.05 (2.4' VERT. DIST.) GROUND ELEV. = 696.24
PROP. PRIVATE FH ASSEMBLY (TYP.) (SEE DETAIL)
PROP. 8" X 8" X 6" FH TEE
PROP. 104 LF 8" PVC FIRE LINE (FROM TEE TO DIP END)
PROP. 12 LF 8" DIP FIRE LINE (FROM 45° BEND TO FH TEE)
PROP. 8" 45° R.J. DIP BEND
PROP. 48 LF 8" DIP FIRE LINE (FROM DIP END TO 45° BEND)
PROP. 8" 45° R.J. DIP BEND
PROP. 166 LF 6" SCH 40 SAN. SWR. SERVICE LATERAL (1% MIN. SLOPE)
PROP. 83 LF 6" DIP FIRE LINE (FROM 45° BEND TO 45° BEND)

PROP. 10' SIDE BUILDING SETBACK
PROP. 30' SIDE LANDSCAPE BUFFER
N/F
TAX# 396-00-00-102
STEVEN SCISM
DB 8886 PG 1
PB A265 PG 1

MATCH LINE - SEE SHEET C-700

GRAPHIC SCALE
(IN FEET)
1 INCH = 40 FT.

811 Know what's below. Call before you dig.

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS

ESP ASSOCIATES, INC. No. 5839 — SOUTH CAROLINA — CERTIFICATE OF AUTHORIZATION
ROBERT C. TURNER — No. 030911 — REGISTERED LANDSCAPE ARCHITECT — SOUTH CAROLINA
2025.09.29 23:24:37-04'00'

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
UTILITY PLAN - SHEET 2 OF 2

SHEET NO. C-701

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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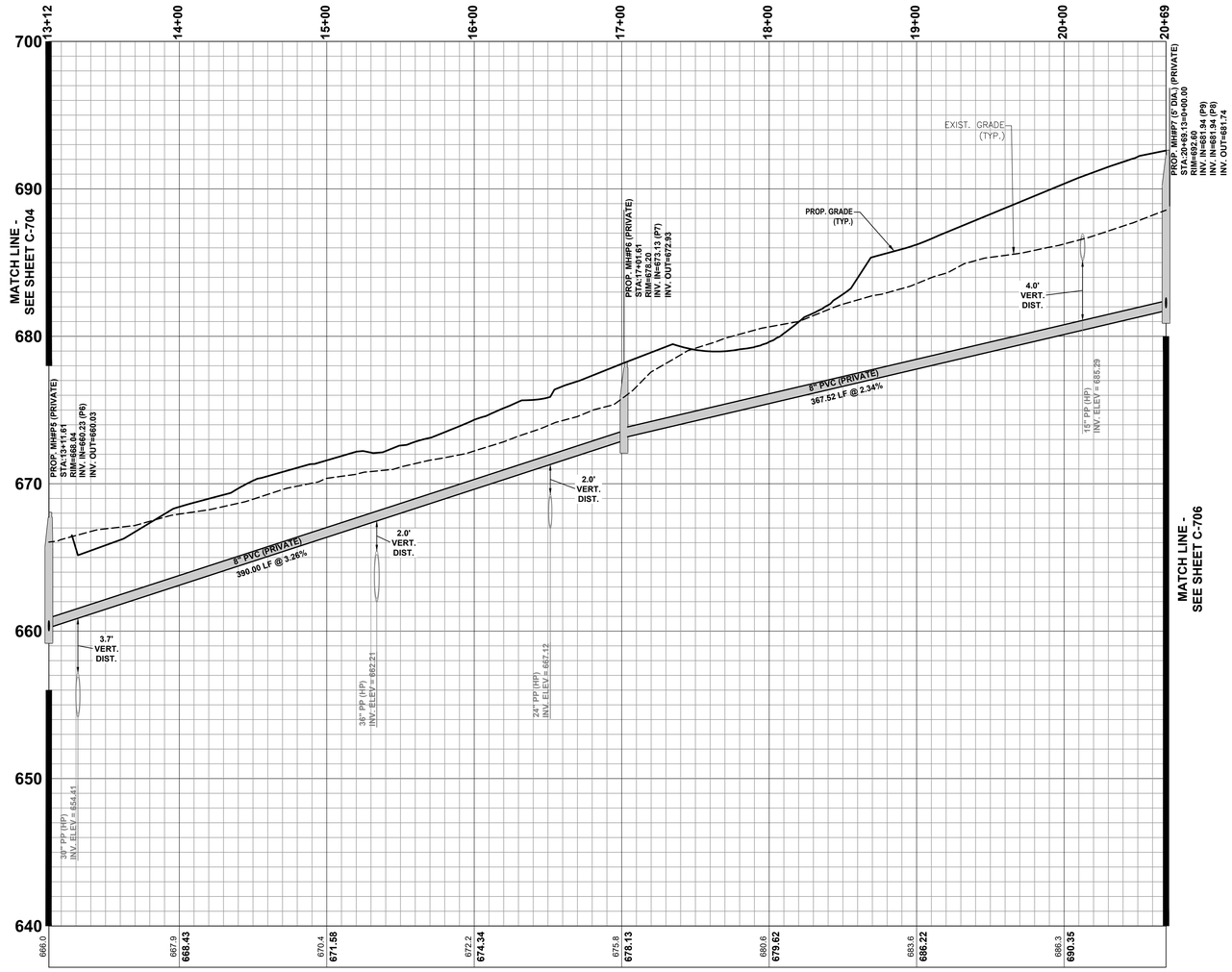
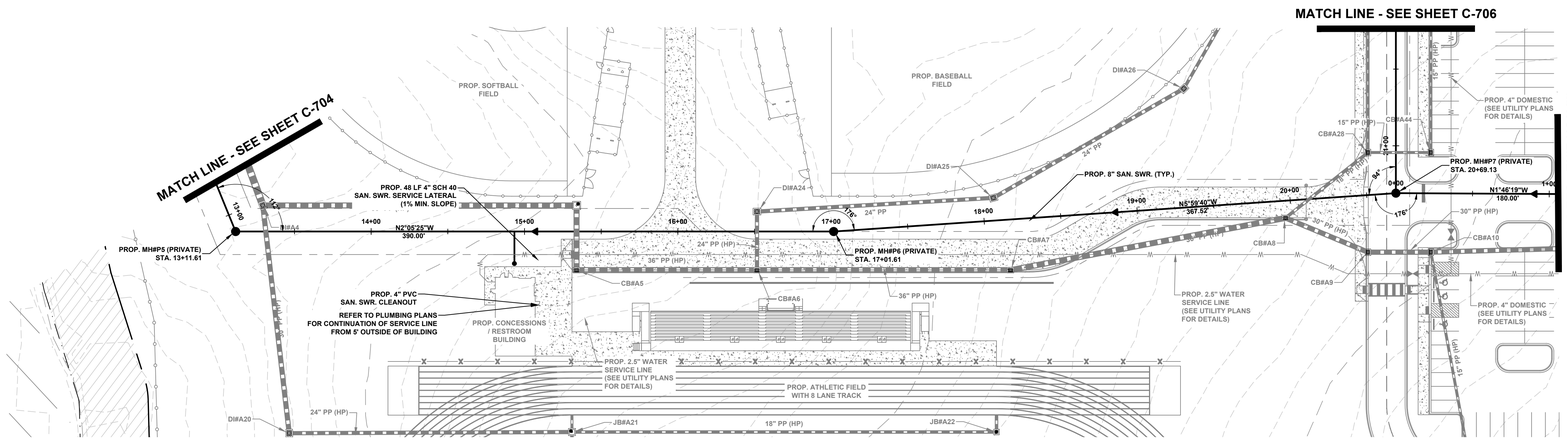
I:\2024\02005 - YSD1 New Middle School (JCSI)_24-02005\Sheets\24-02005-UTILITY PLAN.dwg, C-701 UTILITY PLAN - SHEET 2 OF 2, 10/1/2025 1:07:39 PM, Cky





GRAPHIC SCALE

(IN FEET)
1 INCH = 40 FT.

VERTICAL GRAPHIC SCALE

(IN FEET)
1 INCH = 4 FT.

NORTH ORIENTED TO SC GRID (NAD 83/2011)

ESP ASSOCIATES, INC
3475 LAKEMONT BLVD.
FORT MILL, SOUTH CAROLINA 29708

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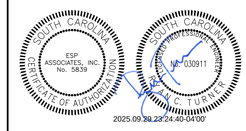
mcmillan pazdan smith ARCHITECTURE

CONSULTANT LOGO

SEALS



YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:	04/16/2025
PHASE:	BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	06/11/2025	REVISED PER AGENCY COMMENTS
2	07/21/2025	REVISED PER AGENCY COMMENTS
3	09/05/2025	REVISED PER AGENCY COMMENTS
4	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE:	MRR
PROJECT ENGINEER:	RCT
DRAWN BY:	CKY/DJH

SHEET TITLE:

SANITARY SEWER PLAN & PROFILE - MH-P5 TO MH-P8

SHEET NO. C-705

PROJ. NO. 025438/25003

ESP PRJECT NO: 24-02005

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Luminaire Schedule

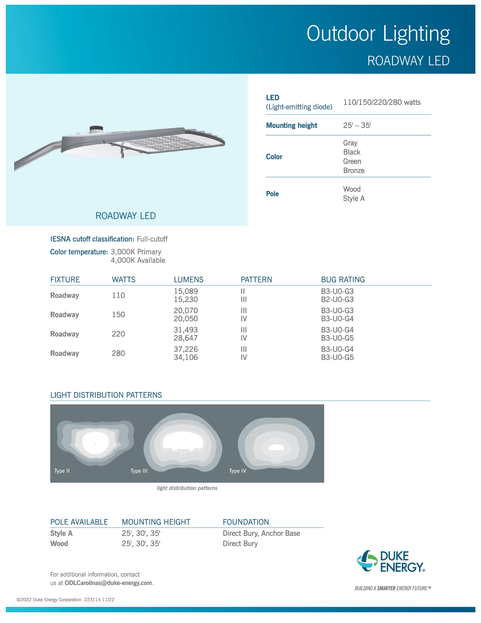
Symbol	Qty	Label	Arrangement	LLF	Description	Mounting Height	Arm
	20	Roadway 150W Type III 3000K	Single	0.900	ATB0 P305 R3 3K 2021	30	1.2
	3	Roadway 150W Type IV 3000K - DBL - 3' Concrete Anchor Base (AB)	Back-Back	0.900	ATB0 P305 R4 3K	30	1.2
	8	Roadway 150W Type IV 3000K	Single	0.900	ATB0 P305 R4 3K	30	1.2

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	LV Ratio
Property Line	Illuminance	Fc	0.03	0.7	0.0	N.A.	N.A.	N.A.
Site	Illuminance	Fc	0.63	5.5	0.0	N.A.	N.A.	N.A.
Drive 1	Illuminance	Fc	1.15	2.7	0.0	N.A.	N.A.	
Drive 2	Illuminance	Fc	1.15	3.0	0.2	5.75	15.00	
Drive 3	Illuminance	Fc	1.00	2.6	0.1	10.00	26.00	
Drive 4	Illuminance	Fc	1.34	3.2	0.1	13.40	32.00	
Parking Lot 1	Illuminance	Fc	1.53	3.3	0.6	2.55	5.50	
Parking Lot 2	Illuminance	Fc	1.58	5.5	0.6	2.63	9.17	

Luminaire Location Summary

LumNo	Label	X	Y	Mounting Height	Orient
1	Roadway 150W Type IV 3000K	1945946.985	1150950.068	30	359.626
2	Roadway 150W Type III 3000K	1945889.214	1150891.06	30	271.136
3	Roadway 150W Type III 3000K	1945681.701	1150895.753	30	269.564
4	Roadway 150W Type III 3000K	1945557.12	1150820.69	30	359.441
5	Roadway 150W Type III 3000K	1945721.795	1150767.608	30	97.61
6	Roadway 150W Type III 3000K	1945949.342	1150803.764	30	99.352
7	Roadway 150W Type III 3000K	1946070.797	1150779.103	30	181.494
8	Roadway 150W Type III 3000K	1945591.283	1150642.326	30	0.221
9	Roadway 150W Type IV 3000K	1945673.42	1150696.56	30	268.953
10	Roadway 150W Type IV 3000K	1946099.444	1150709.84	30	270.984
11	Roadway 150W Type IV 3000K	1945884.227	1150703.645	30	271.139
12	Roadway 150W Type IV 3000K	1945800.561	1150616.765	30	93.942
13	Roadway 150W Type IV 3000K	1945980.194	1150623.562	30	92.121
14	Roadway 150W Type IV 3000K	1946236.798	1150603.942	30	179.209
15	Roadway 150W Type IV 3000K	1946297.651	1150414.955	30	180.28
16	Roadway 150W Type III 3000K	1946119.447	1150841.578	30	220.602
17	Roadway 150W Type IV 3000K - DBL - 3' Concrete Anchor Base (AB)	1945969.339	1150135.325	30	272.69
18	Roadway 150W Type IV 3000K - DBL - 3' Concrete Anchor Base (AB)	1946111.58	1150120.6	30	272.691
19	Roadway 150W Type IV 3000K - DBL - 3' Concrete Anchor Base (AB)	1946261.458	1150126.253	30	272.741
20	Roadway 150W Type III 3000K	1945829.023	1150134.703	30	359.38
21	Roadway 150W Type III 3000K	1945851.078	1150001.508	30	89.725
22	Roadway 150W Type III 3000K	1945532.752	1150023.399	30	53.384
23	Roadway 150W Type III 3000K	1945488.503	1150240.509	30	0.459
24	Roadway 150W Type III 3000K	1945448.279	1150465.053	30	46.218
25	Roadway 150W Type III 3000K	1945315.75	1150516.662	30	278.49
26	Roadway 150W Type III 3000K	1945106.536	1150482.318	30	281.115
27	Roadway 150W Type III 3000K	1946237.704	1150007.788	30	92.336
28	Roadway 150W Type III 3000K	1946400.888	1150143.861	30	183.399
29	Roadway 150W Type III 3000K	1946034.729	1150245.243	30	268.792
30	Roadway 150W Type III 3000K	1945780.177	1150735.935	30	271.023
31	Roadway 150W Type III 3000K	1946040.574	1150568.129	30	93.789



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Lighting Design Tolerance

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, difference in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, LED output, and LED driver and luminaire manufacturer will also affect results.

Outdoor Lighting

DUKE ENERGY.

#	Date	Comments

Revisions

Drawn By: Anastasia Massey Photometric Designer
Checked By:
Date:8/1/2025
WO#
Scale: 1" = 150'

2229 Old York Rd

York

Page M of 1

mcmillan pazdan smith
ARCHITECTURE

CONSULTANT LOGO

SEALS

FOR REFERENCE ONLY

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE: 09/05/2025
PHASE: BID DOCS

SHEET ISSUE:

NO.	DATE	DESCRIPTION
1	09/26/2025	ADDENDUM NO. 1

PRINCIPAL IN CHARGE: MRR
PROJECT ENGINEER: RCT
DRAWN BY: CKY/DJH

SHEET TITLE:
PHOTOMETRIC PLAN

SHEET NO.
P-100

PROJ. NO.
025438/25003

ESP PRJECT NO: 24-02005

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V:\24-02005 - YSD1 New Middle School (JCS)_24-02005\Sheets\24-02005-PHOTOMETRIC.dwg, PHOTOMETRIC PLAN, dhep3K.ctb, 9/5/2025 7:53:30 AM, DJH