SOMERS CENTRAL SCHOOL DISTRICT
CIVIL UPGRADES AT:

PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-002-017

SOMERS INTERMEDIATE SCHOOL

240 US-202
SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

SOMERS MIDDLE SCHOOL

250 US-202
SOMERS, NY 10589

SED#: 66-21-01-06-0-001-021

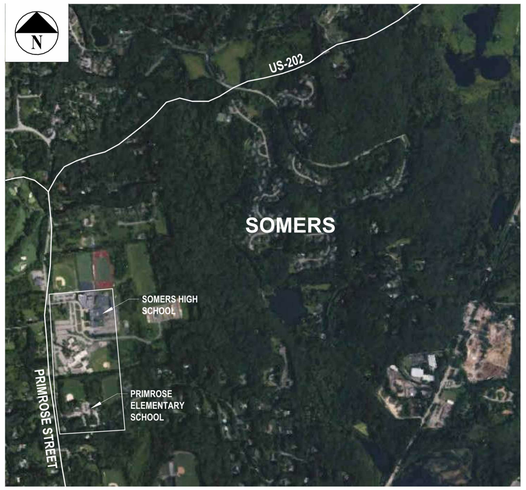
SOMERS HIGH SCHOOL

120 PRIMROSE STREET
LINCOLNDALE, NY 10540

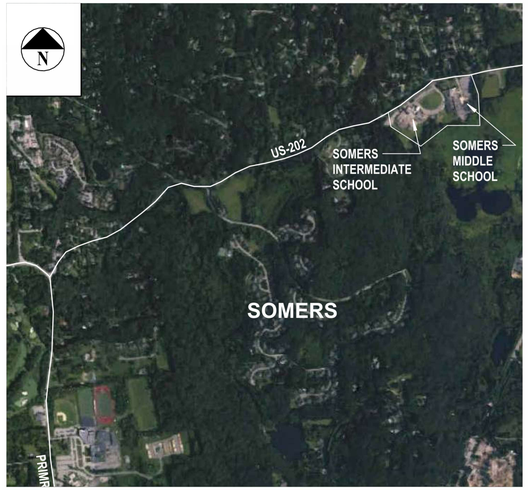
SED #: 66-21-01-06-0-003-023

CONTRACT C - SITE/CIVIL CONSTRUCTION

LOCATION MAP - PRIMROSE CAMPUS



LOCATION MAP - ROUTE 202 CAMPUS



PE - DRAWING LIST

1) CIVIL	
PE-CD 100	EXISTING CONDITIONS & DEMOLITION PLAN
PE-CS 100	DIMENSIONAL SITE PLAN
PE-C 100	GRADING & DRAINAGE PLAN
PE-C 500	SITE DETAILS

MS - DRAWING LIST

1) CIVIL	
MS-CD 100	EXISTING CONDITIONS & DEMOLITION PLAN
MS-CS 100	DIMENSIONAL SITE PLAN
MS-C 100	GRADING, DRAINAGE, & EROSION & SEDIMENT CONTROL PLAN
MS-C 500	SITE DETAILS
MS-C 501	SITE DETAILS

SI - DRAWING LIST

1) CIVIL	
SI-C 000.00	GENERAL NOTES AND LEGENDS
SI-CD 100.00	EXISTING CONDITIONS AND DEMOLITION PLAN
SI-CS 100.00	SITE IMPROVEMENTS PLAN
SI-C 500.00	SITE DETAILS
SI-C 501.00	SITE DETAILS
SI-C 502.00	SITE DETAILS

HS - DRAWING LIST

1) CIVIL	
HS-CD 100	EXISTING CONDITIONS & DEMOLITION PLAN - WEST
HS-CD 101	EXISTING CONDITIONS & DEMOLITION PLAN - EAST
HS-CS 100	SITE IMPROVEMENTS PLAN - WEST
HS-CS 101	SITE IMPROVEMENTS PLAN - EAST
HS-C 500	SITE DETAILS
HS-C 501	SITE DETAILS
HS-C 502	SITE DETAILS

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NY Engineering Certificate of Authorization No.: 0016178

CONSULTANTS:

MARK	DATE	DESCRIPTION

REGISTERED ARCHITECT KATRINA PACHECO 041183 STATE OF NEW YORK

09/30/2029
KATRINA N. PACHECO, R.A.
Exp. Date
NY PROFESSIONAL ARCHITECT Lic. No. 041183

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S. MANDIC	C. HENRY	L. RAUSCHER	K. PACHECO

PROJECT No:	DATE:	SCALE:
SMSD2505-2508	NOVEMBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

CIVIL UPGRADES AT SOMERS CSD

LINCOLNDALE, NY 10540
SOMERS, NY 10589

PE - SED #: 66-21-01-06-0-002-017
SI - SED #: 66-21-01-06-0-006-021
MS - SED#: 66-21-01-06-0-001-021
HS - SED #: 66-21-01-06-0-003-023

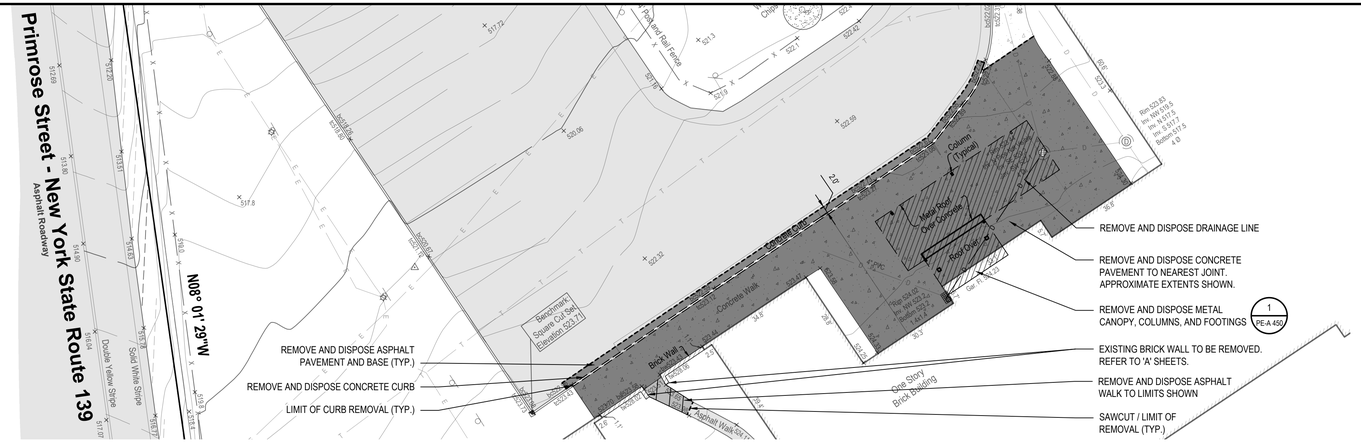
CONTRACT
CONTRACT C

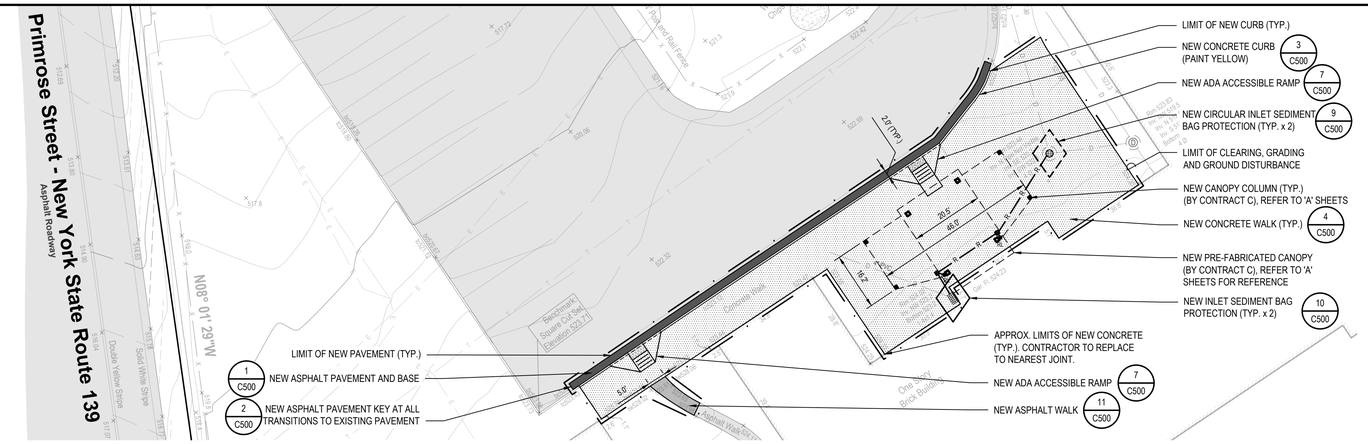
STATUS
BID DOCUMENTS

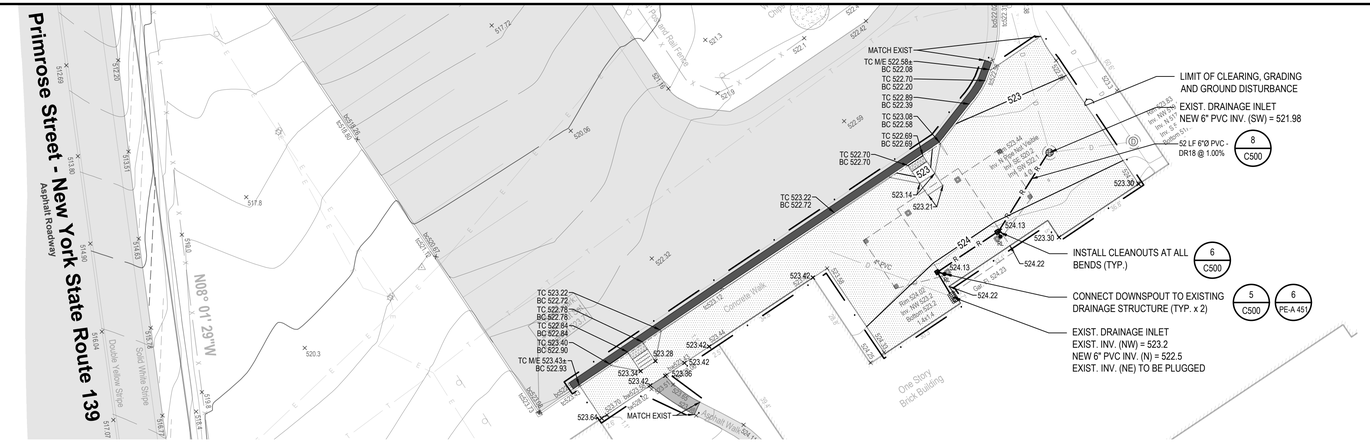
SHEET TITLE
COVER SHEET

DRAWING No.
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File Path
9/17/2009 10:58:39 AM


Primrose Street - New York State Route 139
Asphalt Roadway
N08° 01' 29" W
Double Yellow Stripe
Solid White Stripe
Benchmark Square Cut Set Elevation 523.71
Benchmark Square Cut Set Elevation 517.84
Brick Wall
Concrete Walk
Asphalt Walk
Gate
Column (Typical)
Roof Overhang
Roof Overhang
Gate
Gate
Asphalt Curb
Asphalt Pavement
Asphalt Walk
Asphalt Walk
Asphalt Walk


Primrose Street - New York State Route 139
Asphalt Roadway
N08° 01' 29"W
LIMIT OF NEW CURB (TYP.)
NEW CONCRETE CURB (PAINT YELLOW) 3 C500
NEW ADA ACCESSIBLE RAMP 7 C500
NEW CIRCULAR INLET SEDIMENT BAG PROTECTION (TYP. x 2) 9 C500
LIMIT OF CLEARING, GRADING AND GROUND DISTURBANCE
NEW CANOPY COLUMN (TYP.) (BY CONTRACT C), REFER TO 'A' SHEETS
NEW CONCRETE WALK (TYP.) 4 C500
NEW PRE-FABRICATED CANOPY (BY CONTRACT C), REFER TO 'A' SHEETS FOR REFERENCE
NEW INLET SEDIMENT BAG PROTECTION (TYP. x 2) 10 C500
APPROX. LIMITS OF NEW CONCRETE (TYP.). CONTRACTOR TO REPLACE TO NEAREST JOINT.
NEW ADA ACCESSIBLE RAMP 7 C500
NEW ASPHALT WALK 11 C500
LIMIT OF NEW PAVEMENT (TYP.)
1 C500 NEW ASPHALT PAVEMENT AND BASE
2 C500 NEW ASPHALT PAVEMENT KEY AT ALL TRANSITIONS TO EXISTING PAVEMENT
Benchmark Square Cut Set Elevation 513.71
Benchmark Square Cut Set Elevation 517.84
Asphalt Walk
Concrete Walk
Retaining Wall
Rockery
Retaining Wall
Retaining Wall
Retaining Wall



GRADING & DRAINAGE PLAN - MAIN ENTRANCE

SCALE: 1" = 20'



GRADING & DRAINAGE PLAN - BASKETBALL COURTS

SCALE: 1" = 20'

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SITE IMPROVEMENTS LEGEND

DESCRIPTION	SYMBOL
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MINOR CONTOUR	241
MAJOR CONTOUR	240
ROOF LEADER	RL
ROOF LEADER LINE	R — R
CLEAN OUT	
HANDICAP RAMP	
FIELD INLET	
YARD INLET	

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF ALL ROOF DRAINS.
3. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
4. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
5. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PIPE MATERIAL SPECIFICATIONS:

- ROOF LEADER CONNECTIONS: 6"Ø PVC-DR18

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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White Plains, NY 10605
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NY Engineering Certificate of Authorization No. 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · LICENSED PROFESSIONAL ENGINEER · 071569

09/30/2020
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2505	NOVEMBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED# 66-21-01-06-0-002-017

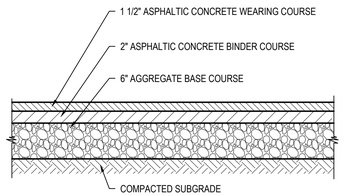
CONTRACT
CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
GRADING & DRAINAGE PLAN

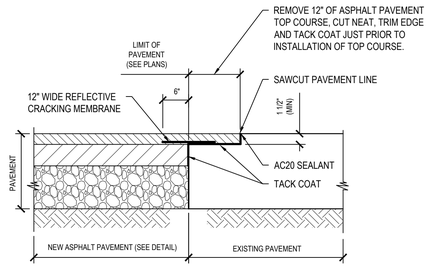
DRAWING No.
PE-C 100.00

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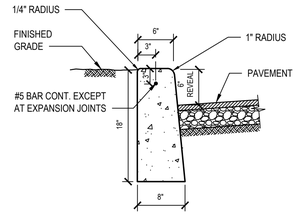


NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

1 Asphalt Pavement - Standard Duty
SCALE: NTS (321216.13 H2MX1) - U

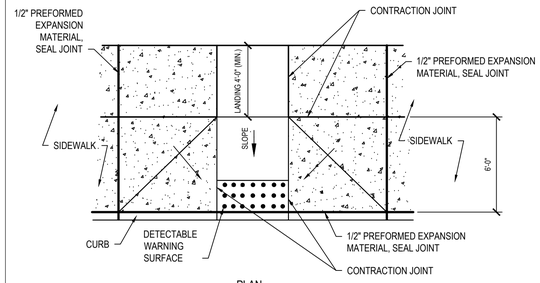


2 New Asphalt Pavement Key to Existing Asphalt Pavement - Standard Duty
NTS

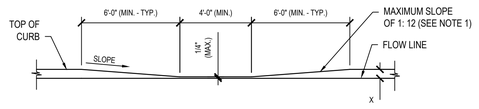


NOTES:
1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

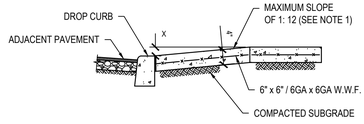
3 Concrete Curb
SCALE: NTS (321613.16 H2MX1)



PLAN



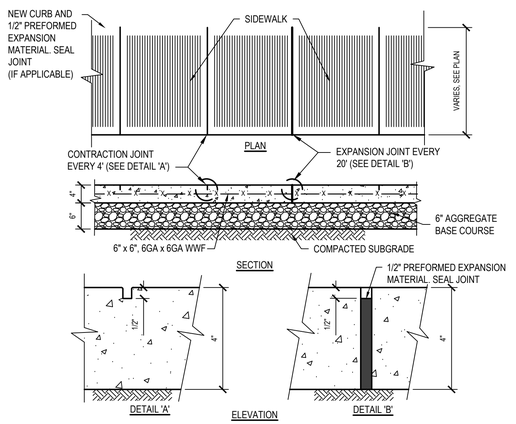
ELEVATION



SECTION

NOTES:
1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.)
5. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
6. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
7. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
8. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

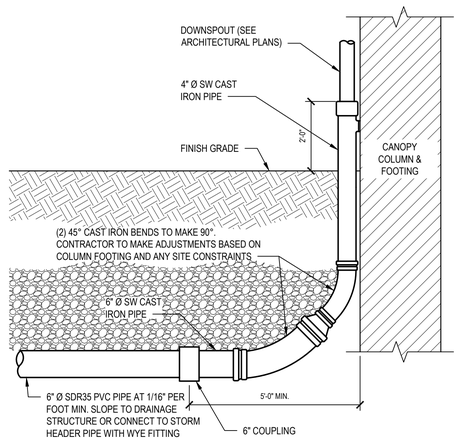
7 Concrete Handicap Ramp - Mid Block - Flare
SCALE: NTS (321313.36 H2MX2) - U



ELEVATION

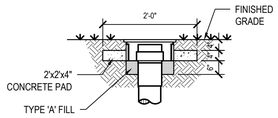
NOTES:
1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

4 Concrete Sidewalk
SCALE: NTS 321313.33 H2MX1

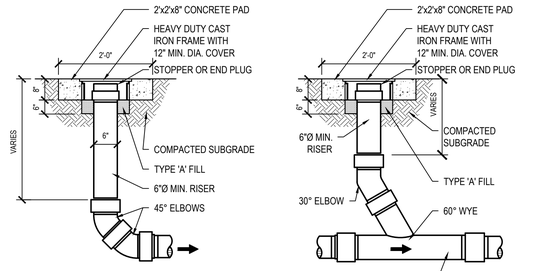


5 Downspout Boot
SCALE: NTS 334211.33

NOTES:
1. CAST IRON FRAME AND COVER MUST BE CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
3. CONCRETE PAD MAY BE OMITTED FOR CLEANOUTS IN CONCRETE SIDEWALKS.

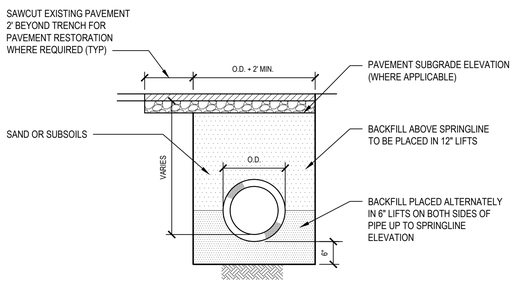


ALTERNATE CONDITION FOR LAWN AND LANDSCAPED AREAS



6 Storm Drainage Cleanout
SCALE: NTS (334915.00 H2MX1)

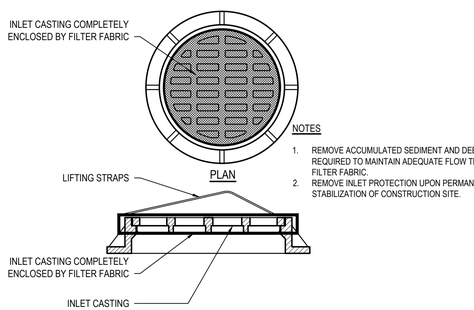
FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft²	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1



NOTES:
1. IF DEPTH OF TRENCH EXCEEDS 5', THE CONTRACTOR MUST PROVIDE SHEETING AND BRACING OR A SHEETING BOX IN ACCORDANCE WITH OSHA REGULATIONS. AS AN ALTERNATIVE, IF PERMITTED BY THE ENGINEER, THE TRENCH WALLS MAY BE CUT BACK TO A 1:1 SLOPE OR THE NATURAL ANGLE OF REPOSE FOR THE SOIL, WHICHEVER IS GREATER.
2. WITHIN 9" OF PAVEMENT SUBGRADE ELEVATION (WHERE APPLICABLE) COMPACT BACKFILL TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL OTHER BACKFILL MATERIAL TO BE COMPACTED TO 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

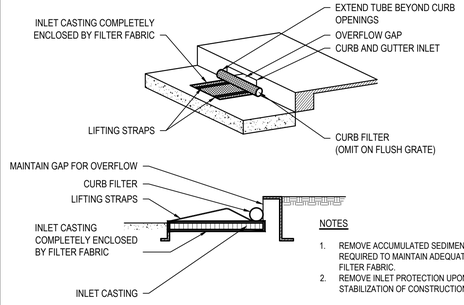
8 Pipe Trench
SCALE: NTS 312333.00 (H2MX1) - U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ff	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1

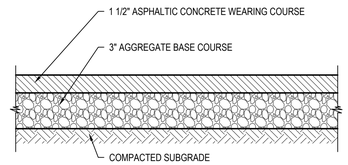


9 Circular Inlet Sediment Bag Protection
SCALE: NTS 312553.13 H2MX2

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ff	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1



10 Curb Inlet Sediment Bag Protection
SCALE: NTS (312553.13 H2MX1) - U



NOTE:
COMPACT SUBGRADE TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.

11 Asphalt Pavement - Walkway
SCALE: NTS SPECIFICATION #

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NY Engineering Certificate of Authorization No. 0018178

CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2025
MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569
EXP. DATE

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S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2505	NOVEMBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET LINCOLNDALE, NY 10540

SED# 66-21-01-06-0-002-017

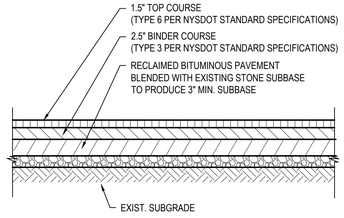
CONTRACT
CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
SITE DETAILS

DRAWING No.
PE-C 500.00

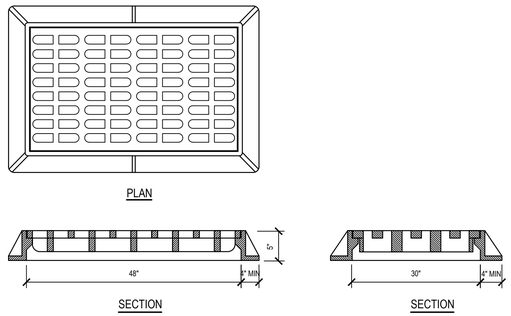
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NOTE:
CONTRACTOR TO RECLAIM APPROXIMATELY THREE (3) TO SIX (6) INCHES OF EXISTING ASPHALT PAVEMENT (PAVEMENT THICKNESS VARIES). CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ANY UNUSED MATERIALS.

1 Asphalt Pavement Reclamation

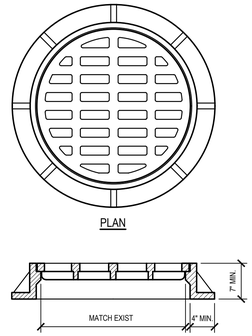
SCALE: NTS H2M - MOD



NOTES:
1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE SAFE.
3. WHERE PLANS CALL FOR REPLACEMENT OF EXISTING FRAME AND GRATE, CONTRACTOR TO FIELD MEASURE AND MATCH EXISTING DIMENSIONS.

2 Rectangular Frame & Grate - Heavy Duty

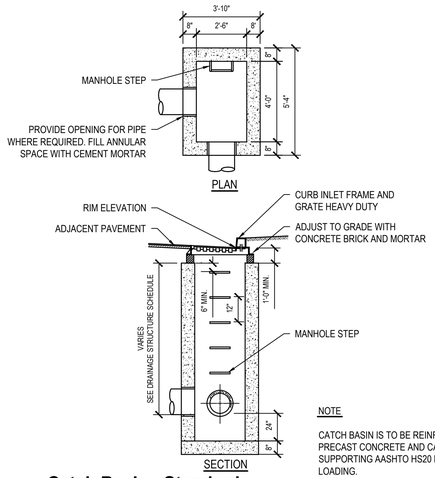
SCALE: NTS (334913.23 H2MZ1)



NOTE:
CASTINGS MUST BE CAST IRON AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.

3 Circular Frame & Grate - Heavy Duty

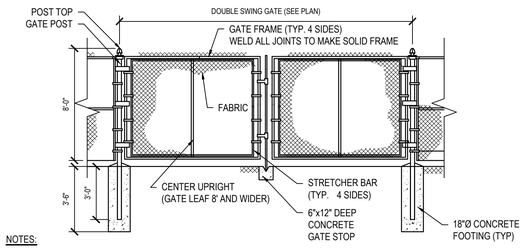
SCALE: NTS (334913.23 H2WMX5)



NOTE
CATCH BASIN IS TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING AASHTO HS20 HIGHWAY LOADING.

4 Catch Basin - Standard

SCALE: NTS (334413.13 H2MX1)

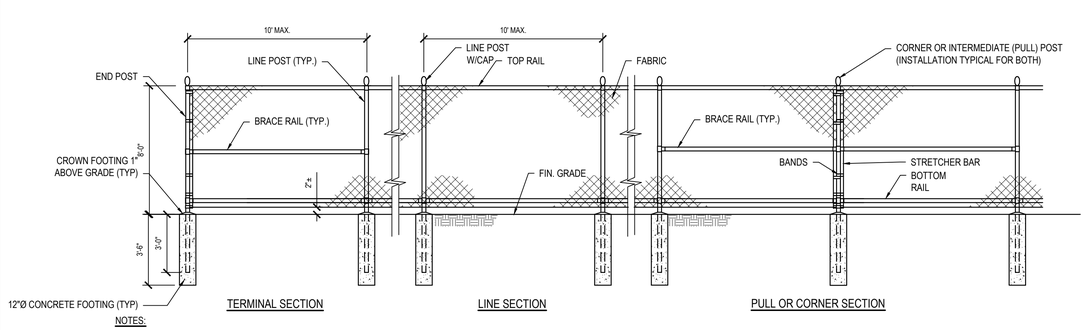


NOTES:
1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668, CLASS 2B.
2. FRAME: ASTM F900, 1.90" O.D. (2.28 LBS./FT.) STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
3. GATE POST: ASTM F1043, SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. HINGES: ASTM F900, NON-LIFT-OFF TYPE.
5. LATCH: ASTM F900 FORKED TYPE GRAVITY DROP WITH PROVISION FOR PADLOCK.
6. FITTINGS AND ACCESSORIES: ASTM F 626, MALLEABLE OR PRESSED STEEL, HOT DIPPED GALVANIZED TP 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
7. GATE KEEPER: ASTM F900.
8. PROVIDE GATE KEEPER FOR EACH SWING GATE.
9. VINYL COATING COLOR TO BE SELECTED BY OWNER.
10. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

GATE LEAF WIDTH	GATE POST OUTSIDE DIAMETER (INCHES)	MINIMUM WEIGHT (LB/FT)
UP TO 6'	2.875	4.64
7' TO 12'	4.000	8.65
12' TO 18'	6.625	18.02

5 Chain Link Doule Swing - Vinyl Coated - 8' Height

SCALE: NTS | H2M X3 323113.26



NOTES:
1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 2.875" O.D. (4.64 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. BOTTOM TENSION WIRE: ASTM A824 NO. 7 GAUGE STEEL-MARCELLED WIRE, ZINC COATED TO 0.4 OZ/SF WITH 7-12 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1664.
7. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
8. CONCRETE TO ACHIEVED 4000 PSI STRENGTH AT 28 DAYS.

6 Chain Link Fence - Vinyl Coated - 8' Height

SCALE: NTS 323113.15 H2MX1

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · LICENSED PROFESSIONAL ENGINEER · 071569

09/30/2025
EXP. DATE

MATTHEW R. MOHLIN, P.E.
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2505	NOVEMBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT PRIMROSE ELEMENTARY SCHOOL

110 PRIMROSE STREET
LINCOLNDALE, NY 10540

SED# 66-21-01-06-0-002-017

CONTRACT
CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
SITE DETAILS

DRAWING No.
PE-C 501.00

X:\SMSD\ [Somers School District\SMS02505 (PES Phase 2 Various Upgrades)\02-BIM-CAD\Con-Docs\05 Civil\05_C501 Site Details.dwg Last Modified: Nov 10, 2026 - 11:12am Plotted on: Nov 10, 2026 - 11:13am By systems

EXISTING CONDITIONS NOTES:

1. EXISTING SURVEY PREPARED BY H2M ARCHITECTS + ENGINEERS. DATED NOVEMBER 2025.
2. MARKOUT OF UNDERGROUND UTILITIES COMPLETED BY X-RAY LOCATING SERVICES, INC.
3. BENCHMARK 1 - (SQUARE CUT SET IN LIGHT POST, SOUTH END OF PARKING LOT IMPROVEMENTS, EL. 260.15). BENCHMARK 2 - (NAIL SET IN UTILITY POLE, SOUTHWEST OF ENTRANCE FROM ROUTE 202, EL. = 266.95). BENCHMARK 3 - (SQUARE CUT SET IN LIGHT POST, NORTHEAST END OF PARKING LOT IMPROVEMENTS, EL. = 262.77).
4. LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER OLD MAPS, SURVEYS, DRAWINGS/RECORDS SUPPLIED BY OTHERS AND/OR UTILITY MARKOUT. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES AND STRUCTURES NOT SHOWN.

SITE DEMOLITION NOTES:

1. REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY.
2. UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXISTING UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED.
3. AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH.
4. NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS.
5. REPAIR ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER.
6. REPAIR ANY DAMAGE TO EXISTING SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM CONTRACTOR OPERATIONS AT NO COST TO OWNER.
7. SAWCUT CONCRETE PAVEMENT BACK TO NEAREST EXPANSION/CONTROL JOINT.
8. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS. SITE LOGISTICS PLAN FOR TEMPORARY FENCING TO BE PROVIDED BY GC.
9. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO ANY GROUND DISTURBANCE.
10. DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK.
11. NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE.
12. TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER.
13. BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXISTING SITE FEATURES. BACKFILL TO BE SOIL, FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.
14. OBTAIN HIGHWAY PERMIT FROM NYSDOT PRIOR TO ANY WORK WITHIN THE STATE RIGHT OF WAY.

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. NOTIFY THE OWNER AND H2M (TELEPHONE 914-358-5623) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
3. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
4. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
5. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
6. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
7. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
8. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
9. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
10. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH TOPSOIL AND SEED, REFER TO SEEDING AND SOIL RESTORATION NOTES, THIS SHEET.
11. REMOVE ALL ASPHALT FROM EXISTING CASTINGS.
12. SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
3. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
4. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

TEMPORARY SEEDING NOTES:

1. APPLICABLE TO ANY DISTURBED AREAS OF THE SITE WHICH REMAIN DISTRUBED FOR MORE THAN ONE (1) WEEK.
2. ROUGH GRADE AREA PRIOR TO SEEDING. REMOVE LARGE DEBRIS AND ROCKS.
3. TEMPORARY SEEDING SHALL BE AS FOLLOWS:
   - 3.1. SPRING TO EARLY FALL: SEED AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (OR USE 1 LB./1000 SQ. FT.).
   - 3.2. LATE FALL TO EARLY WINTER: SEED AREA WITH CERTIFIED 'AROOSTOOK' WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (2.5 LBS./1000 SQ. FT.).
4. MULCH AREA WITH HAY OR STRAW AT 2 TONS/ACRE (APPROX. 90 LBS./1000 SQ. FT. OR 2 BALES).
5. FOR FURTHER DETAIL, REFER TO PAGE 4.58 OF THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   - a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   - b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A TWICE WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
9. ALL CONCRETE WASHOUT MUST BE CONDUCTED OFFSITE AND IN ACCORDANCE WITH PAGE 2.23 OF THE NYSDEC E&SC DESIGN MANUAL.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE (SMSD2506 & 2507) = 1.25 ACRES

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

1. PURSUANT TO THE REQUIREMENTS OF SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-25-001 ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THIS PROJECT. ADHERE TO AND IMPLEMENT ALL REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
2. REVIEW THE SWPPP AND SIGN IN THE LOCATION SHOWN STATING THAT ALL WORK PERTAINING TO EROSION AND SEDIMENT CONTROL WILL BE PERFORMED WITHIN REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
3. THE OWNER SHALL PROVIDE A QUALIFIED INSPECTOR WHO WILL PERFORM TWICE WEEKLY INSPECTIONS AT THE CONSTRUCTION SITE. THE QUALIFIED INSPECTOR SHALL MEET THE REQUIREMENTS OUTLINED IN SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-25-001). IF THE INSPECTIONS FIND ANY DEVIATIONS FROM THE SWPPP OR THE EROSION AND SEDIMENT CONTROL PLAN IT WILL BE NOTED. THE CONTRACTOR WILL HAVE 7 DAYS TO CORRECT ANY DEVIATIONS SO THAT IT COMPLIES WITH THE REQUIREMENTS OF THE SWPPP AND OR EROSION AND SEDIMENT CONTROL PLAN. 2 WEEKLY INSPECTIONS WILL BE PERFORMED.

SITE SOILS NOTE:

1. SOILS OBSERVED DURING GEOTECHNICAL ANALYSIS DETERMINED PRESENCE OF ASH AND METAL WITHIN THE FILL MATERIALS. ANY EXCAVATED MATERIALS MUST BE EITHER REUSED IN THE SAME LOCATION OR DIRECTLY LOADED INTO TRUCKS AND TRANSPORTED OFFSITE. SHOULD ANY FILL MATERIALS REMAIN ONSITE OVERNIGHT, SOIL SHALL BE COVERED WITH PLASTIC TO PREVENT SEDIMENT/POLLUTANT RUNOFF.

PERMANENT SEEDING AND SOIL RESTORATION NOTES:

1. APPLICABLE TO ALL DISTURBED AREAS OF THE SITE NOT SPECIFIED FOR OTHER IMPROVEMENTS.
2. SOIL RESTORATION SHALL BE IN ACCORDANCE WITH CHAPTER 5, TABLE 5.3 OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL.
3. SOIL RESTORATION SHALL BE REQUIRED ON ALL AREAS OF THE SITE WHICH TOPSOIL WAS STRIPPED AND IN NEW PERVIOUS AREAS PREVIOUSLY IMPERVIOUS OR IN AREAS WITH HEAVY COMPACTION DUE TO CONSTRUCTION OPERATIONS.
4. SOIL RESTORATION STEPS ARE AS FOLLOWS:
   - 4.1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL
   - 4.2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS
   - 4.3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE
   - 4.4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES, COMPACT TO A UNIFORM THICKNESS OF 4" AND FINELY GRADE AND LOOSEN WITH MECHANICAL RAKES TO ENSURE SEED ACCEPTANCE
   - 4.5. SEED AND FERTILIZE AS REQUIRED BY NOTE #5 BELOW
5. SEEDING, MULCHING AND FERTILIZING SHALL BE AS FOLLOWS:
   - 5.1. FERTILIZER SHALL BE APPLIED AT 6 LBS OF FS O-F-241 FERTILIZER/1,000 SQ. FT.
   - 5.2. PERMANENT HYDROSEEDING SHALL BE IN ACCORDANCE WITH SPECIFICATION NO 329219.16. SEED MIX SHALL BE ONE OF THE TWO BELOW MIXES:

MIX A:

GRASS TYPE	% OF MIXTURE	MIN. % GERMINATION
KENTUCKY 31 FESCUE	50	90
N.K. 100 PERENNIAL RYE GRASS	25	85
PENN LAWN FESCUE	25	90

MIX B:

GRASS TYPE	% OF MIXTURE	MIN. % GERMINATION
MERION BLUEGRASS	50	80
PENN LAWN FESCUE	30	90
N.K. 106 HYBRID RYE GRASS	20	85

6. MAINTENANCE AND INSPECTION:
   - 6.1. UPON COMPLETION OF SOIL RESTORATION, AREA SHOULD BE KEPT FREE OF ANY VEHICULAR/FOOT TRAFFIC OR WEIGHTED LOADS.
   - 6.2. INSPECT GRASS AREAS DAILY TO AND WATER WHEN NECESSARY (WEATHER DEPENDANT) TO PREVENT GRASS/SOIL FROM BECOMING DRY.
   - 6.3. MOW GRASS AT REGULAR INTERVALS TO MAINTAIN AT A MAXIMUM HEIGHT OF 2-1/2 INCHES. DO NOT CUT MORE THAN 1/3 OF GRASS BLADE AT ANY ONE MOWING. NEATLY TRIM EDGES AND HAND CLIP WHERE NECESSARY. IMMEDIATELY REMOVE CLIPPINGS AFTER MOWING AND TRIMMING.
   - 6.4. MAINTAIN SEEDED AREAS IMMEDIATELY AFTER PLACEMENT UNTIL GRASS IS WELL ESTABLISHED AND EXHIBITS A VIGOROUS GROWING CONDITION (80% MIN. COVERAGE), AS DETERMINED BY AT LEAST TWO CUTTINGS, OR UNTIL THE JOB IS ACCEPTED BY THE OWNER, WHICHEVER OCCURS LAST.
   - 6.5. IF WITHIN 14-30 DAYS FOLLOWING SEEDING OF THE RESTORED AREAS GRASS HAS NOT ACHIEVED A MIN. 80% GERMINATION/COVERAGE, BARE AREAS SHALL BE RESEEDED. AREAS SHALL BE CONTINUOUSLY MAINTAINED AND RESEEDED UNTIL THE MINIMUM COVERAGE NEEDS ARE MET.

EXISTING CONDITIONS AND DEMOLTION LEGEND

DESCRIPTION	SYMBOL
BENCHMARK	
DRAINAGE MANHOLE	D
CATCH BASIN	
INLET	
INLET	
ROOF DRAIN/LEADER	
SANITARY MANHOLE	S
ELECTRIC RISER	ER
LIGHT	
UTILITY POLE/GUY POLE	
GUY WIRE	C
PULL BOX	
CABLE TELEVISION BOX	
SIGN	
TWO POST SIGN	
FLAG POLE	FP
EVERGREEN TREE	
CURB	
DROP CURB	
STORM DRAIN	D — D
OVERHEAD WIRES	OH — OH
FENCE	X — X
METAL HNADRAIL	
EDGE OF PAVEMENT	
CONTOUR	100
SPOT ELEVATION	100.0
TOP/BOT CURB GRADE	tc 100.50 / bc 100.00
HANDICAP PARKING STALL	
ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
BRICK/PAVER PAVEMENT	
WOOD CHIPS	
REMOVE AND DISPOSE OF EXISTING CURB	
SAWCUT PAVEMENT LINE	
REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK	
REMOVE AND DISPOSE OF EXISTING CATCH BASIN FRAME AND GRATE	

SITE IMPROVEMENTS LEGEND

DESCRIPTION	SYMBOL
CURB	
CONCRETE DROP CURB	
ASPHALT PAVEMENT (HEAVY DUTY)	
ASPHALT PAVEMENT (WALKWAY)	
ASPHALT PAVEMENT (NYSDOT ROW)	
CONCRETE PAVEMENT SIDEWALK	
PLAYGROUND SURFACE	
METAL HANDRAIL	
HANDICAP RAMP	
PARKING STALL COUNT	12
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MAJOR CONTOUR	240
MINOR CONTOUR	241
FLOW ARROW	
NEW CATCH BASIN FRAME AND GRATE	
NEW SILT FENCE	SF — SF
LIMIT OF CLEARING, GRADING, AND GROUND DISTURBANCE	
NEW INLET SEDIMENT BAG PROTECTION	
NEW CURB INLET SEDIMENT BAG	
NEW STABILIZED CONSTRUCTION ENTRANCE	

CONSTRUCTION SEQUENCING NOTES (SMSD2506 & 2507):

THE FOLLOWING IS A GENERAL SEQUENCE OF CONSTRUCTION ACTIVITIES FOR THE PHASE 2 WORK:

1. CONDUCT A PRE-CONSTRUCTION MEETING AT LEAST 48-HOURS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. ATTENDEES TO INCLUDE OWNER, ARCHITECT/ENGINEER, CONTRACTOR AND DEP.
2. INSTALLATION OF CONSTRUCTION FENCING ALONG LIMITS OF DISTURBANCE. INSTALLATION OF SILT FENCING, INLET PROTECTION ON EXISTING STRUCTURES, STABILIZED CONSTRUCTION ENTRANCE AND ALL OTHER PRACTICES/MEASURES AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN;
3. ROUGH GRADING OF THE SITE (I.E. TURF FIELD AREAS AND RAIN GARDEN AREA), THE EXISTING SOILS IN AREAS OF ASPHALT REMEDIATION ARE TO REMAIN UNDISTURBED; FOLLOWING ROUGH GRADING OF SITE ALL EXPOSED AREAS WHERE WORK WILL NOT BE PERFORMED SHOULD BE TEMPORARILY OR PERMANENTLY STABILIZED. STABILIZATION WORK MUST BE INITIATED BY THE END OF THE NEXT DAY AND COMPLETED WITHIN SEVEN (7) DAYS.
4. INSTALLATION OF THE NEW VEGETATED SWALE, RAIN GARDEN, STORMWATER INFRASTRUCTURE, DRAINAGE FRAMES & GRATES, FIELD INLETS, AND THE ASSOCIATED DRAINAGE PIPING. IMMEDIATELY INSTALL INLET PROTECTION ON ALL NEW CATCH BASINS AND FIELD INLETS WITH GRATES.
5. FINAL GRADING OF DISTURBED AREAS TO FINISHED GRADE.
6. INSTALLATION OF NEW AGGREGATE BASE COURSE IN AREAS OF NEW PAVEMENT. INSTALLATION OF NEW CURBING, SIDEWALK, PLAYGROUND SURFACING AND CONCRETE PADS. INSTALLATION OF REMAINING PLAYGROUND FEATURES.
7. SEEDING OF DISTURBED AREAS AND OTHER FINAL LANDSCAPING MEASURES.
8. FOLLOWING FINAL STABILIZATION OF DISTURBED AREAS, REMOVAL OF REMAINING TEMPORARY EROSION AND SEDIMENT CONTROLS.
9. SILT REMOVAL AND CLEANING OF INLETS PROTECTED DURING CONSTRUCTION.

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CONSULTANTS:

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09/30/2026
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MATTHEW R. MOHLIN, P.E.
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"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2506	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS INTERMEDIATE SCHOOL

240 US-202,
SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

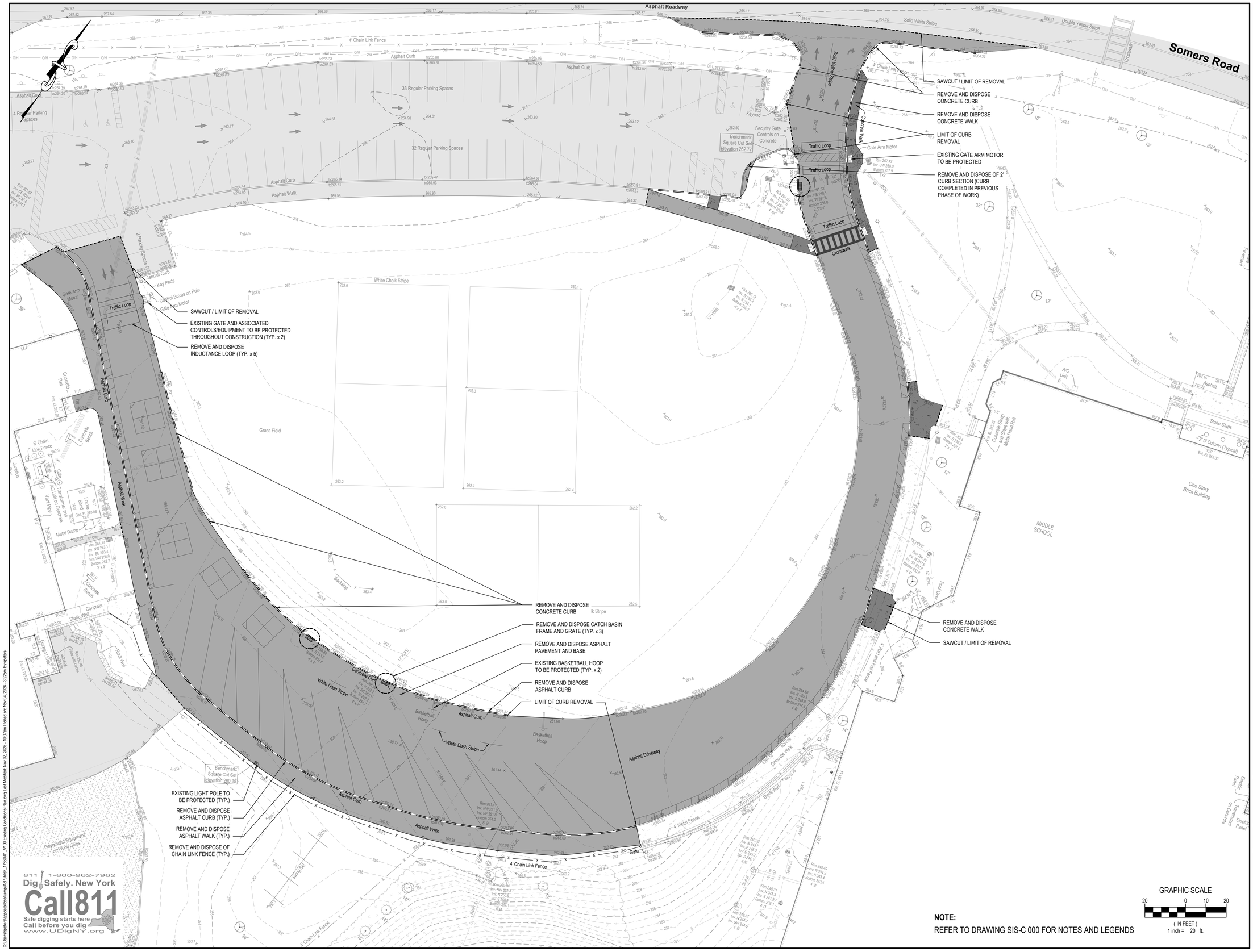
CONTRACT
CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
GENERAL NOTES & LEGEND

DRAWING No.
SIS-C 000.00

X:\SSMSD\ [Somers School District\SMSD2506\SIS Phase 2 Various Upgrades\02-BIM-CAD\Con-Docs\05-Civil\00_General Notes and Legend.dwg, Last Modified: Nov 04, 2026 - 3:16pm Plotted on: Nov 04, 2026 - 3:20pm By speters



NOTE:
REFER TO DRAWING SIS-C 000 FOR NOTES AND LEGENDS

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK
MATTHEW RONALD MOHLIN
LICENSED PROFESSIONAL ENGINEER
071569

MATTHEW R. MOHLIN, P.E. 09/30/2029
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EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING No.
SIS-CD 100.00

Somers Road

Asphalt Roadway

NEW ASPHALT PAVEMENT KEY AT ALL TRANSITIONS TO EXISTING PAVEMENT (TYP.) — 6 / C500

8 / C500 NEW ASPHALT PAVEMENT (TYP. NYSDOT ROW)

9 / C500 NEW CONCRETE CURB (TYP. NYSDOT ROW)

3 / C500 NEW STOP BAR (TYP.)

APPROXIMATE LIMIT OF NYSDOT ROW

NEW SINGLE WHITE STRIPE

LIMIT OF NEW CURB (TYP.)

2 / C502 NEW RAIN GARDEN
BOTTOM EL = 261.25
BERM TOP EL. = 262.00
ADJUST EXISTING RIM EL = 261.75
4" PVC U/D EL. = 259.25

LIMIT OF NEW PAVEMENT (TYP.)

LIMIT OF NEW WALK (TYP.)

NEW CONCRETE WALK (TYP.) — 10 / C500

NEW YELLOW STRIPING (TYP.)

NEW CROSSWALK PAVEMENT MARKINGS — 3 / C500

NEW CONCRETE ACCESSIBLE RAMP — 3 / C502

NEW CONCRETE ACCESSIBLE RAMP (TYPE 2) — 11 / C500

MATCH EXIST. (±263.02)

7 / C500 NEW ASPHALT PAVEMENT WALK **(NOT INCLUDED IN CONCRETE WALK ALTERNATE)**

3 / C502 NEW CONCRETE ACCESSIBLE RAMP

7 / C501 NEW CATCH BASIN FRAME AND GRATE RIM = 261.62

5 / C500 NEW ASPHALT PAVEMENT AND BASE (TYP.)

MATCH EXIST. (±263.00)
MATCH EXIST. (±263.09)
TC M/E (±262.85)
TC 262.95
BC M/E (±262.80)
MATCH EXIST. (±263.44)
MATCH EXIST. (±262.98)

9 / C501 NEW INDUCTANCE LOOPS FOR GATE (TYP. x 5) TO BE REPLACED IN KIND

5 / C501 NEW TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

LIMIT OF CLEARING, GRADING AND GROUND DISTURBANCE

MATCH EXIST. (±263.20)
MATCH EXIST. (±263.15)

NEW DIRECTIONAL ARROW PAVEMENT MARKINGS (TYP.) — 4 / C500

NEW YELLOW STRIPING (TYP.)

NEW ASPHALT CURB (TYP.) — 8 / C501

NEW ASPHALT DROP CURB — 8 / C501

NEW 16' WIDE VINYL COATED CHAIN LINK FENCE DOUBLE SWING GATE — 1 / C502

NEW CATCH BASIN FRAME AND GRATE RIM = 257.35 — 6 / C501

NEW CATCH BASIN FRAME AND GRATE RIM = 259.05 — 6 / C501

NEW CONCRETE CURB (TYP.) — 1 / C501

NEW WHITE PARKING STALL PAVEMENT MARKINGS (TYP.) — 1 / C500

NEW RED BUS PARKING STALL PAVEMENT MARKINGS (TYP.) — 2 / C500

NEW CONCRETE ACCESSIBLE RAMP (TYPE 2) — 11 / C500

NEW INLET SEDIMENT BAG PROTECTION (TYP. x 8) — 4 / C501

NEW CIRCULAR INLET SEDIMENT BAG PROTECTION — 4 / C501

NEW CONCRETE ACCESSIBLE RAMP (TYPE 2) — 11 / C500

7 / C500 NEW ASPHALT PAVEMENT WALK

ALTERNATE: NEW CONCRETE WALK IN AREAS OF PROPOSED ASPHALT WALK (UNLESS OTHERWISE NOTED) — 10 / C500

3 / C501 NEW SILT FENCE (TYP)

1 / C500 NEW WHITE PARKING STALL PAVEMENT MARKINGS (TYP.)

10 / C501 NEW 4' HIGH VINYL COATED CHAIN LINK FENCE (TYP.)

ALTERNATE: NEW 4' HIGH ALUMINUM PICKET FENCING MATCHING EXISTING ONSITE

ALTERNATE: NEW TURF SURFACING FOR EXISTING PLAYGROUND SWINGS. REFER TO 'A' SHEETS FOR ADDITIONAL INFORMATION

NEW 8' WIDE VINYL COATED CHAIN LINK FENCE SWING GATE — 11 / C501

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Call before you dig
www.UDigNY.org

NOTE:
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GRAPHIC SCALE
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MATTHEW RONALD MOHLIN
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EXP. DATE

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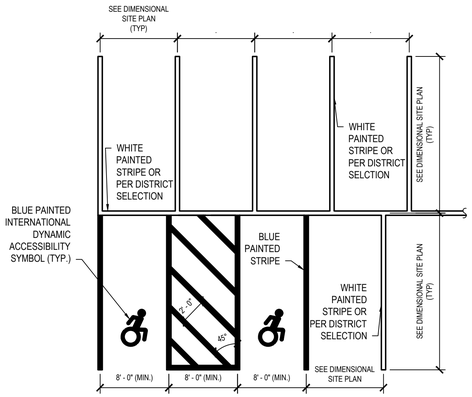
BID DOCUMENTS

SHEET TITLE

SITE IMPROVEMENTS PLAN

DRAWING No.

SIS-CS 100.00

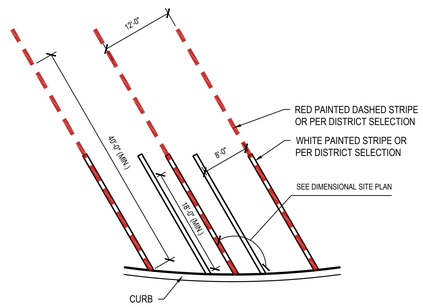


NOTES:

1. ALL STRIPING TO BE 4" WIDE.
2. SEE DIMENSIONAL SITE PLAN FOR LOCATIONS OF PARKING STALL SIGNAGE.

1 Parking Stall Layout - Single Striping

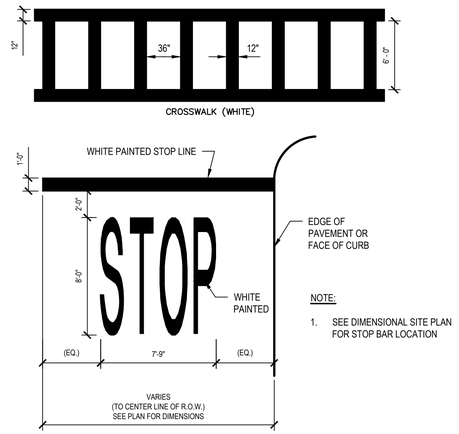
SCALE: NTS (321799.00 H2MX1) - U



NOTE:
ALL STRIPING TO BE 4" WIDE.

2 Parking Stall Layout - Bus Striping

SCALE: NTS

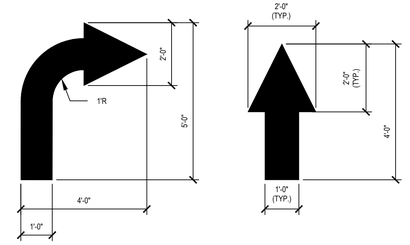


NOTE:

1. SEE DIMENSIONAL SITE PLAN FOR STOP BAR LOCATION

3 Stop Bar and Legend & Crosswalk Detail

SCALE: NTS 321723.13 (H2MX2) -U

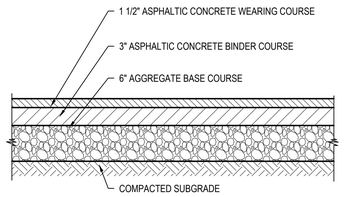


NOTES:

1. ALL ARROWS MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO SITE PLAN SHEETS.
2. TURN ARROW DETAILS SHOWN ARE FOR RIGHT TURN. REVERSE DETAILS AS REQUIRED FOR LEFT TURNS.

4 Directional Arrows - On SIte

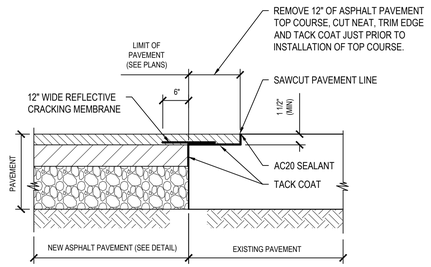
SCALE: NTS 321723.13 H2MX1 -U



NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

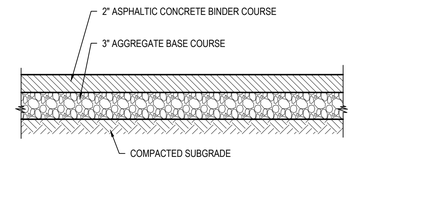
5 Asphalt Pavement - Heavy Duty

SCALE: NTS (321216.13 H2MX2) - U



New Asphalt Pavement Key to Existing Asphalt Pavement - Standard Duty

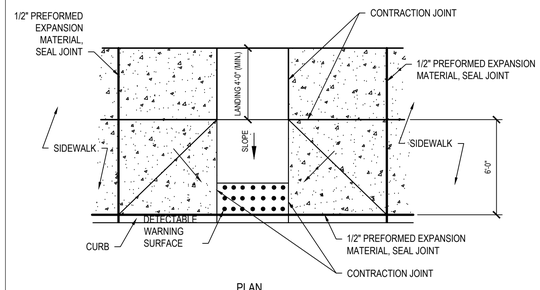
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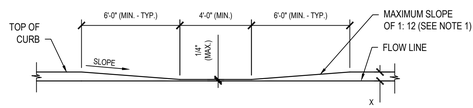
NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

7 Asphalt Pavement - Walkway

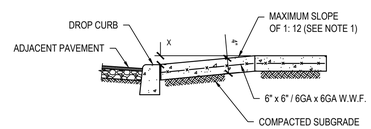
SCALE: NTS (321216.16 H2MX1) - U



PLAN



ELEVATION



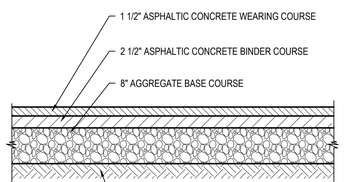
SECTION

NOTES:

1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.)
5. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
6. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
7. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
8. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

11 Concrete Handicap Ramp - Mid Block - Flare

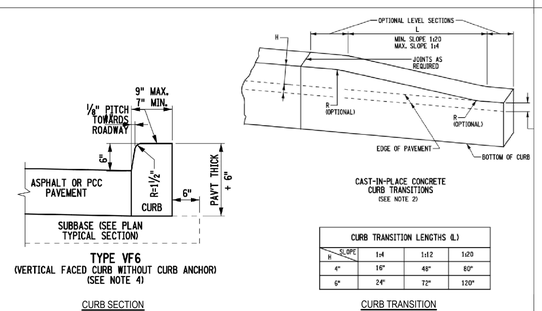
SCALE: NTS (321313.36 H2MX2) - U



NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL PAVEMENT MATERIALS TO COMPLY WITH NYSDOT STANDARDS.

8 Asphalt Pavement - NYSDOT ROW

SCALE: NTS (321216.13 H2MX1) - U



CURB SECTION

CURB TRANSITION LENGTHS (L)			
SLOPE / H	1:4	1:12	1:20
4"	16"	48"	80"
6"	24"	72"	120"

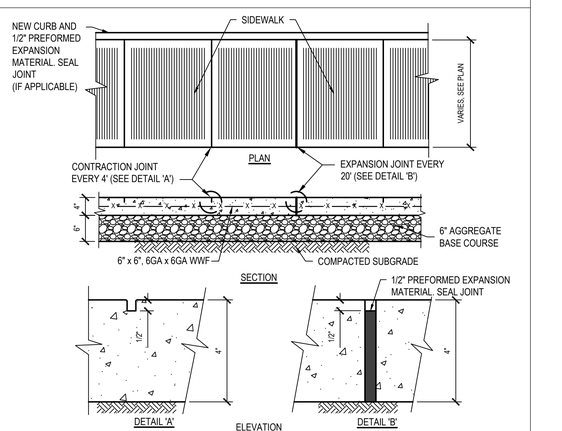
CURB TRANSITION

GENERAL NOTES:

1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.
5. MATERIALS INSTALLATION AND DESIGN STANDARDS TO COMPLY WOTH NYSDOT REQUIREMENTS, SEE NYSDOT STANDARD SHEET 609 FOR ADDITIONAL INFORMATION

9 NYSDOT Concrete Curb

SCALE: NTS



NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

10 Concrete Sidewalk

SCALE: NTS 321313.33 H2MX1

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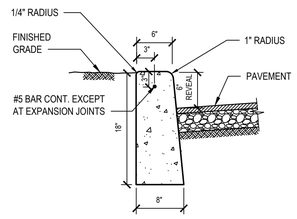
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SITE DETAILS

DRAWING No.

SIS-C 500.00

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NOTES:

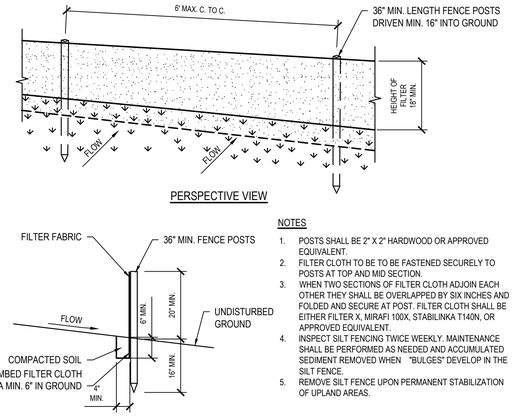
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2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

1 Concrete Curb

SCALE: NTS (321613.16 H2MX1)

2 Not Used

SCALE: NTS



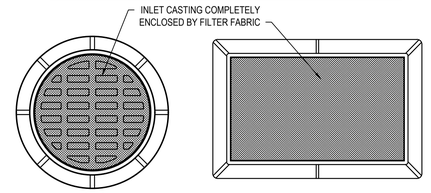
NOTES

1. POSTS SHALL BE 2" X 2" HARDWOOD OR APPROVED EQUIVALENT.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED AND SECURE AT POST. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. INSPECT SILT FENCING TWICE WEEKLY. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND ACCUMULATED SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. REMOVE SILT FENCE UPON PERMANENT STABILIZATION OF UPLAND AREAS.

3 Silt Fence - Standard

SCALE: NTS 312513.13 NYDC1-U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft²	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1

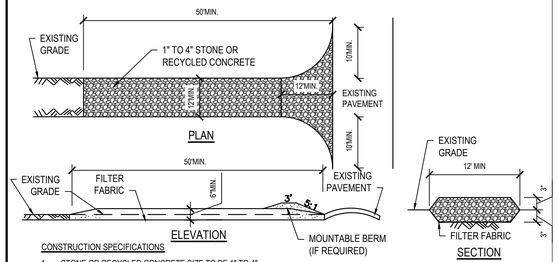


NOTES

1. INSPECT INLET PROTECTION AT A MINIMUM OF TWICE WEEKLY AND AFTER EACH RAIN EVENT. REMOVE ACCUMULATED SEDIMENT AND DEBRIS TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC. REPLACE IF ANY TEARS IN MATERIAL ARE NOTED OR IF FLOW BECOMES IMPEDED FOLLOWING CLEANINGS.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

4 Sediment Bag Inlet Protection

SCALE: NTS

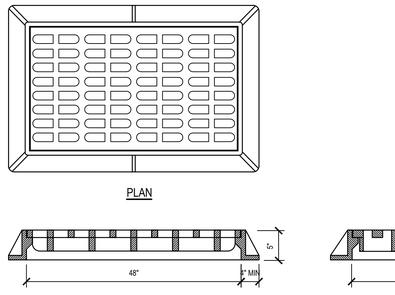


CONSTRUCTION SPECIFICATIONS

1. STONE OR RECYCLED CONCRETE SIZE TO BE 1" TO 4".
2. LENGTH - NOT LESS THAN 50 FEET (UNLESS INDICATED OTHERWISE ON PLANS).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. PLACE FILTER FABRIC OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER FABRIC TO BE TREVIRA SPUNBOND, 1135 MIRAFI 600X OR EQUIVALENT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. IF TRACKING IS OBSERVED SEDIMENT LADEN STONE SHALL BE REMOVED AND REPLACED WITH CLEAN STONE TO MAINTAIN EFFECTIVENESS.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. INSPECTIONS SHALL BE PERFORMED TWICE WEEKLY AND AFTER EACH RAIN. ANY NEEDED MAINTENANCE SHALL BE PROVIDED.

5 Stabilized Construction Entrance

SCALE: NTS (312513.19 NYDC1) - U

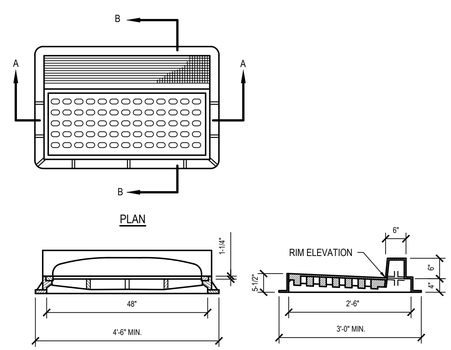


NOTES:

1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE- SAFE.

6 Rectangular Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MZ1)

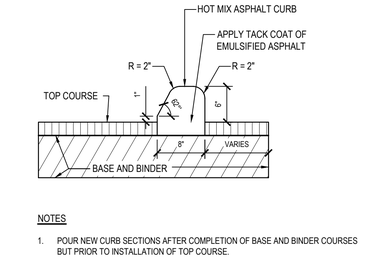


NOTE

1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE SAFE.

7 Combination Inlet Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MX3)

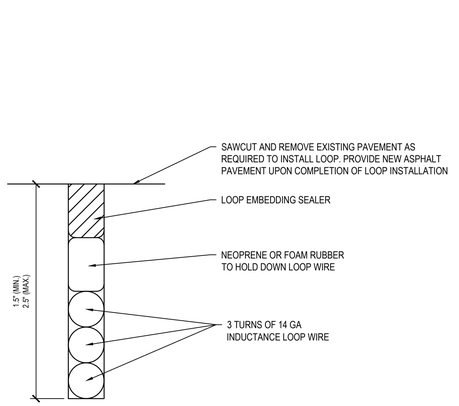


NOTES

1. POUR NEW CURB SECTIONS AFTER COMPLETION OF BASE AND BINDER COURSES BUT PRIOR TO INSTALLATION OF TOP COURSE.
2. POUR CURB SECTIONS TO ALLOW FOR 6" REVEAL UNLESS OTHERWISE NOTED ON PLANS.
3. IN AREAS DESIGNATED FOR SPOT REPLACEMENT, SAWCUT CURB A MIN OF 1' PAST DAMAGED SECTION AND REPLACE CURB. TOP OF CURB TO MATCH EXISTING CURB ELEVATION AT TRANSITION.

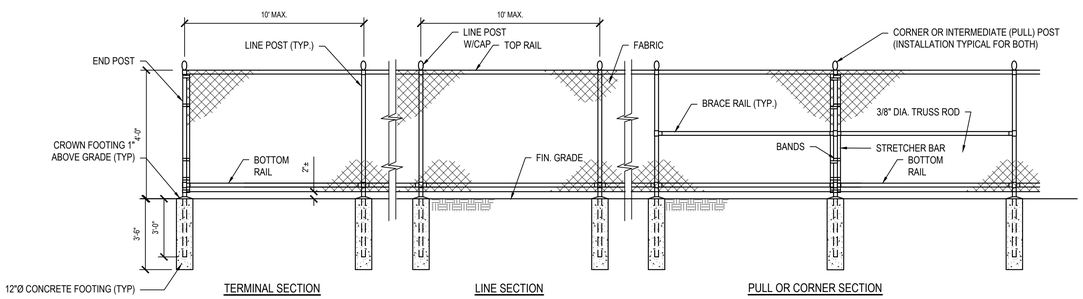
8 Asphalt Curb - Vertical Faced Type

NTS



9 Inductance Loop

SCALE: NTS

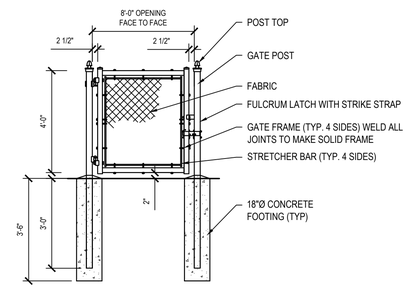


NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 1.9" O.D. (2.28 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. BOTTOM TENSION WIRE: ASTM A824 NO. 7 GAUGE STEEL-MARCELLED WIRE, ZINC COATED TO 0.4 OZ/SF WITH 7-12 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1664.
7. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
8. CONCRETE TO ACHIEVED 4000 PSI STRENGTH AT 28 DAYS.

10 Chain Link Fence - Vinyl Coated - 4' Height

SCALE: NTS 323113.15 H2MX1



NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668, CLASS 2B.
2. FRAME: ASTM F900, 1.9" O.D. (2.28 LBS./FT.) STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
3. GATE POST: ASTM F1043, 2.875" O.D. (4.6 LBS/FT) SS40 STEEL PIPE. HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. HINGES: ASTM F900, NON-LIFT-OFF TYPE.
5. LATCH: ASTM F900 FORKED TYPE GRAVITY DROP WITH PROVISION FOR PADLOCK.
6. FITTINGS AND ACCESSORIES: ASTM F 626, MALLEABLE OR PRESSED STEEL, HOT DIPPED GALVANIZED TP 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
7. GATE KEEPER: ASTM F900.
8. PROVIDE GATE KEEPER FOR EACH SWING GATE.
9. VINYL COATING COLOR TO BE SELECTED BY OWNER.
10. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

11 Chain Link Swing Gate - Vinyl Coated - 4' Height

SCALE: NTS | H2M X1 323113.21

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White Plains, NY 10605
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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2020
MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569
EXP. DATE
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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS INTERMEDIATE SCHOOL

240 US-202, SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

CONTRACT

CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

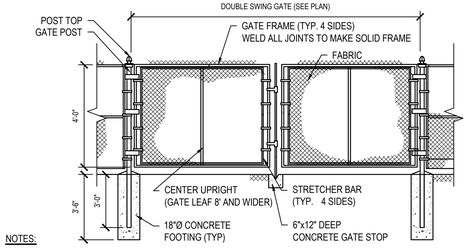
SHEET TITLE

SITE DETAILS

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SIS-C 501.00

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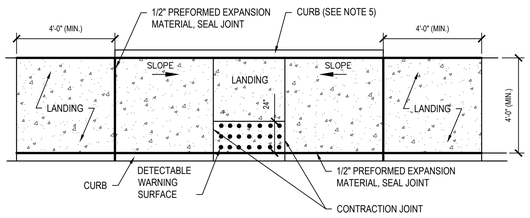
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2. FRAME: ASTM F900, 1.66" O.D. (1.83 LBS./FT.) STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
3. GATE POST: ASTM F1043, SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
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8. PROVIDE GATE KEEPER FOR EACH SWING GATE.
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10. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

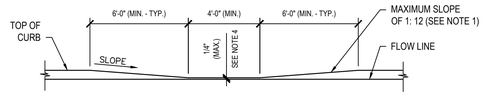
SINGLE GATE LEAF WIDTH	GATE POST OUTSIDE DIAMETER (INCHES)	MINIMUM WEIGHT (LB/FT)
UP TO 4'	2.375	3.12
5' TO 10'	2.875	4.64
11' TO 18'	4.000	6.56

1 Chain Link Double Swing Gate - Vinyl Coated - 4' Height

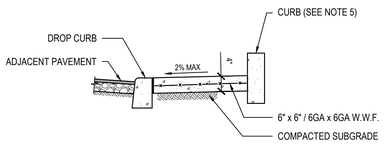
SCALE: NTS | H2M X1 323113.25



PLAN



ELEVATION



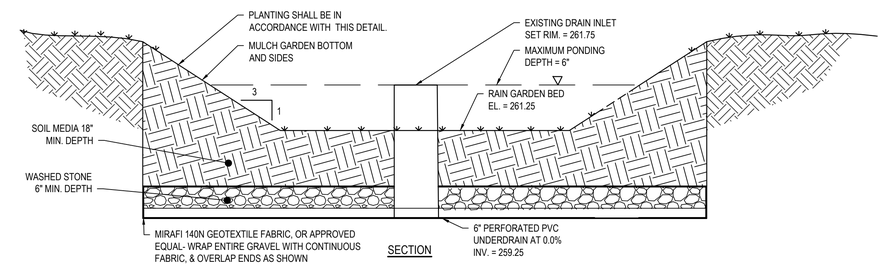
SECTION

NOTES:

1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX)
5. OMIIT CURB FOR INSTALLATIONS ADJACENT TO BUILDING FOUNDATIONS.
6. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
7. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
8. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
9. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

3 Concrete Handicap Ramp - Mid Block - Parallel

SCALE: NTS (321313.36 H2MX3) - U



SECTION

RAIN GARDEN NOTES:

1. SOIL MEDIA SHOULD CONSIST OF 50%-70% SAND (LESS THAN 5% CLAY CONTENT), 50%-30% TOPSOIL WITH AN AVERAGE OF 5% ORGANIC MATERIAL. COMPOST SHALL NOT BE PERMITTED.
2. GRAVEL SHALL BE CLEAN WASHED STONE, APPROXIMATELY 1.5-2.0 INCHES IN DIAMETER.
3. ROCK FOR RIPRAP SHALL CONSIST OF FIELD ROCK OR ROUGH UNHEWN QUARRY ROCK. THE ROCK SHALL BE HARD AND ANGULAR AND OF A QUALITY THAT WILL NOT DISINTEGRATE ON EXPOSURE TO WATER OR WEATHERING. THE SPECIFIC GRAVITY OF THE INDIVIDUAL ROCKS SHALL BE AT LEAST 2.5.
4. CONTRIBUTING AREAS SHALL BE STABILIZED PRIOR TO INSTALLATION OF RAIN GARDEN TO AVOID EROSION AND SILTING OF NEW SOIL MEDIA.

INSPECTION AND MAINTENANCE NOTES:

1. THE RAIN GARDEN SHOULD BE WEEDED (MIN. SPRING AND FALL) AND REMULCHED AS NECESSARY. VEGETATION SHOULD BE PRUNED TO KEEP PLANTS HEALTHY. WATER AS NECESSARY TO ESTABLISH PLANT GROWTH WITHIN FIRST YEAR AND DURING FUTURE DRY PERIODS .
2. GARDEN SHOULD BE INSPECTED FOR SEDIMENT ACCUMULATIONS OR HEAVY ORGANIC MATTER WHERE RUNOFF ENTERS THE GARDEN AND REMOVED AS NECESSARY. THE TOP FEW INCHES OF PLANTING SOIL SHOULD BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS.
3. ANY AREAS OF SETTLEMENT OR GRADE CHANGE SHOULD BE REGRADED AS ORIGINALLY DESIGNED. THE OVERFLOW ORIFICE SHOULD BE INSPECTED EVERY 3-4 MONTHS FOR SEDIMENT ACCUMULATION AS WELL AS BEFORE ANY LARGE STORM EVENTS.
4. KEEP PLANTS PRUNED IF THEY START TO GET "LEGGY" AND FLOPPY. CUT OFF OLD FLOWER HEADS AFTER A PLANT IS DONE BLOOMING. ONCE THE RAIN GARDEN HAS MATURED, THE GARDEN AREA SHOULD BE FREE OF BARE AREAS EXCEPT WHERE RIPRAP AREAS ARE LOCATED

PLANTING NOTES:

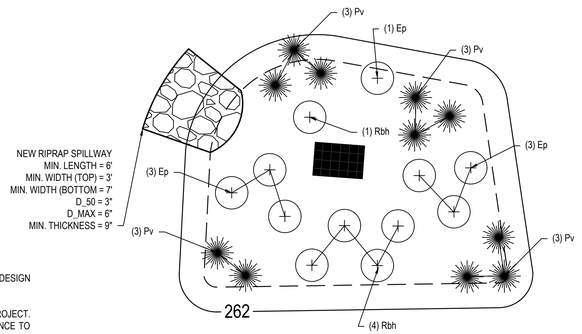
1. PLANT SELECTION PER NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL.
2. PLANTS SHALL BE MAINTAINED BY CONTRACTOR UNTIL COMPLETION OF PROJECT. AT PROJECT COMPLETION OWNER SHALL BE RESPONSIBLE FOR MAINTEANCE TO ALL PLANTS. SHOULD ANY PLANTS DIE THEY SHALL BE REPLACED IN KIND OR AS DIRECTED BY ENGINEER.
3. SHREDDED HARDWOOD MULCH SHOULD BE APPLIED AROUND PLANTS AT A THICKNESS OF 2" TO HELP KEEP SOIL IN PLACE

CONSTRUCTION NOTES:

1. RAIN GARDENS SHOULD INITIALLY BE DUG OUT TO A 24" DEPTH, THEN BACKFILLED WITH A 6-12 INCH LAYER OF CLEAN WASHED GRAVEL (APPROXIMATELY 1.5-2.0 INCH DIAMETER ROCK), AND FILLED BACK TO THE RAIN GARDEN BED DEPTH WITH THE DESIGN SOIL MIX. WHEN AN UNDERDRAIN IS USED, EXCAVATE TO 30-36" DEPTH, BACKFILL WITH 12" STONE, FILL WITH 18-24" DESIGN SOIL MIX. RAIN GARDENS SHOULD ONLY BE INSTALLED WHEN SURROUNDING LANDSCAPES ARE STABILIZED AND NOT SUBJECT TO EROSION.

2 Rain Garden

SCALE: NTS



PLAN

PLANT LIST

KEY	QTY	BOTANICAL NAME	SIZE	SPACING	CONTAINER
Pv	11	PANICUM VIRGATUM "SWITCH GRASS"	24"–36"	30" O.C.	NO. 2 CAN
Rbh	5	RUDBECKIA HIRTA "BLACK EYED SUSAN"	12"–24"	2' O.C.	NO. 2 CAN
Ep	7	ECHINACEA PURPUREA "PURPLE CONEFLOWER"	12"–24"	2' O.C.	NO. 2 CAN

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK
MATTHEW RONALD MOHLIN
071569
LICENSED PROFESSIONAL ENGINEER

09/30/2025
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2506	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS INTERMEDIATE SCHOOL

240 US-202,
SOMERS, NY 10589

SED #: 66-21-01-06-0-006-021

CONTRACT

CONTRACT C
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STATUS

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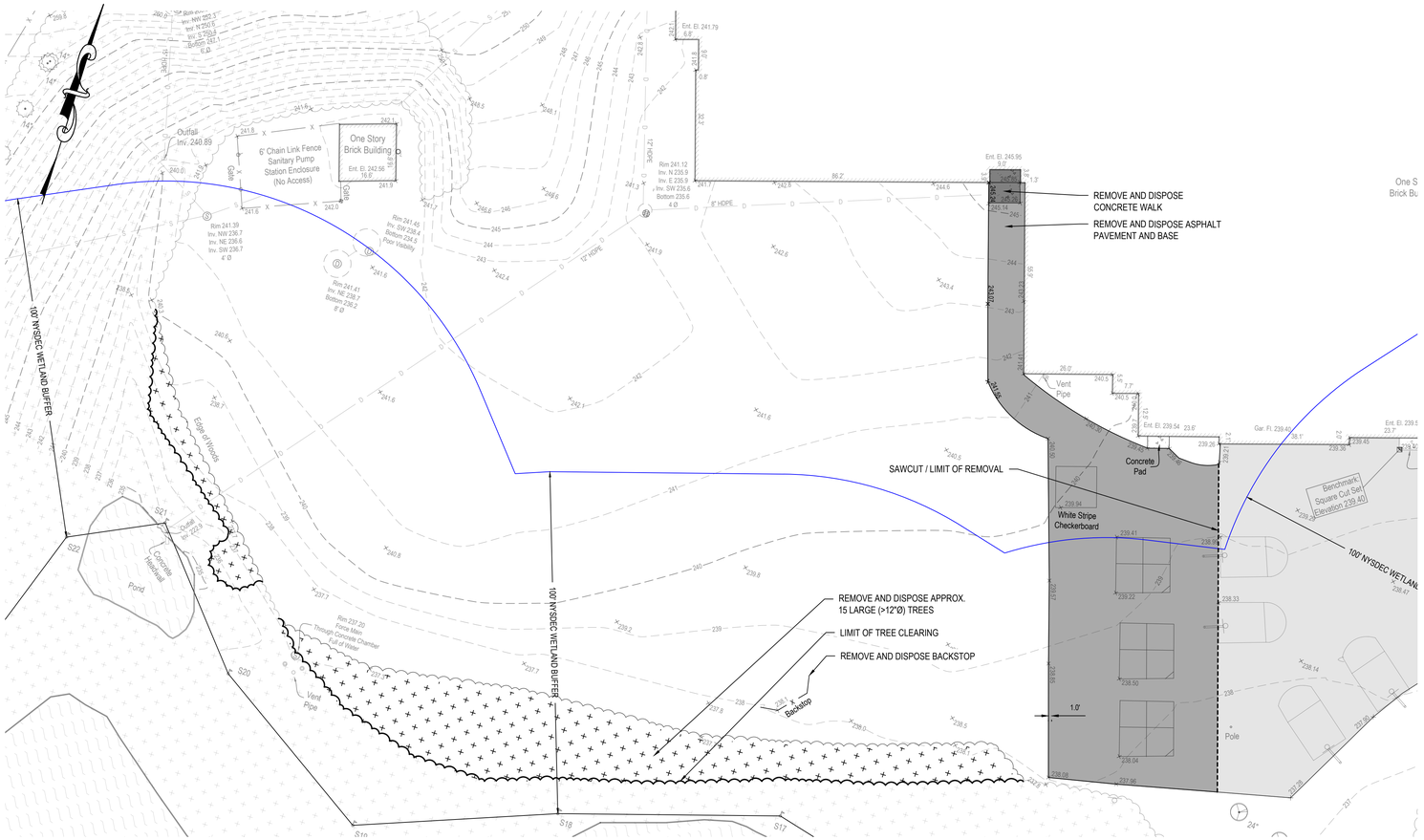
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SITE DETAILS

DRAWING No.

SIS-C 502.00

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EXISTING CONDITIONS LEGEND

DESCRIPTION	SYMBOL
BENCHMARK	
DRAINAGE MANHOLE	
INLET	
SANITARY MANHOLE	
WETLAND MARKER	
100' WETLAND BUFFER	
DECIDUOUS TREE	
STORM DRAIN	D D
SANITARY SEWER	S S
FENCE	X X
CONTOUR	100
SPOT ELEVATION	100.0
ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
WOODED	

DEMOLITION LEGEND

DESCRIPTION	SYMBOL
SAWCUT PAVEMENT LINE	
REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK	
TREE CLEARING LIMITS	

EXISTING CONDITIONS NOTES:

1. EXISTING SURVEY PREPARED BY H2M ARCHITECTS + ENGINEERS. DATED NOVEMBER 2025.
2. MARKOUT OF UNDERGROUND UTILITIES COMPLETED BY X-RAY LOCATING SERVICES, INC.
3. BENCHMARK - (SQUARE CUT SET IN CONCRETE PAD, EAST OF PROPOSED TURF FIELD, EL. 239.40).
4. LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER OLD MAPS, SURVEYS, DRAWINGS/RECORDS SUPPLIED BY OTHERS AND/OR UTILITY MARKOUT. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES AND STRUCTURES NOT SHOWN.

SITE DEMOLITION NOTES:

1. REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY.
2. UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXISTING UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED.
3. AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH.
4. NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS.
5. REPAIR ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER.
6. REPAIR ANY DAMAGE TO EXISTING SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM CONTRACTOR OPERATIONS AT NO COST TO OWNER.
7. SAWCUT CONCRETE PAVEMENT BACK TO NEAREST EXPANSION/CONTROL JOINT.
8. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS. SITE LOGISTICS PLAN FOR TEMPORARY FENCING TO BE PROVIDED BY GENERAL CONTRACTOR.
9. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO ANY GROUND DISTURBANCE.
10. DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK.
11. NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE.
12. TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER.
13. BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXISTING SITE FEATURES. BACKFILL TO BE SOIL, FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.
14. PRIOR TO ANY WORK WITHIN RIGHT-OF-WAY, CONTRACTOR TO FINALIZE OBTAINING A HIGHWAY PERMIT FROM NYSDOT.
15. CONTRACTOR TO PROTECT ALL EXISTING SITE FEATURES THROUGHOUT DURATION OF CONSTRUCTION. EXISTING BUILDING TO BE PROTECTED IN ALL AREAS WHERE DEMOLITION AND NEW SITE WORK ABUTS BUILDING.
16. CONTRACTOR TO EXERCISE CAUTION WHEN PERFORMING WORK IN AREAS OF OVERHEAD WIRES. ALL MATERIAL AND EQUIPMENT DELIVERIES AND OPERATIONS TO BE MONITORED TO AVOID CONFLICTS.
17. LOCATION OF TEMPORARY CONSTRUCTION FENCING IS APPROXIMATE. CONTRACTOR TO PROVIDE A FINAL CONSTRUCTION PHASING AND STAGING PLAN SHOWING ALL TEMPORARY FENCING, GATE LOCATIONS AND NECESSARY SIGNAGE TO THE SATISFACTION OF ENGINEER AND CM.
18. TO MITIGATE POTENTIAL IMPACTS TO THE NORTHERN LONG EARED BAT, ALL TREE CLEARING SHALL BE DONE PERFORMED BETWEEN NOVEMBER 1 AND MARCH 31.

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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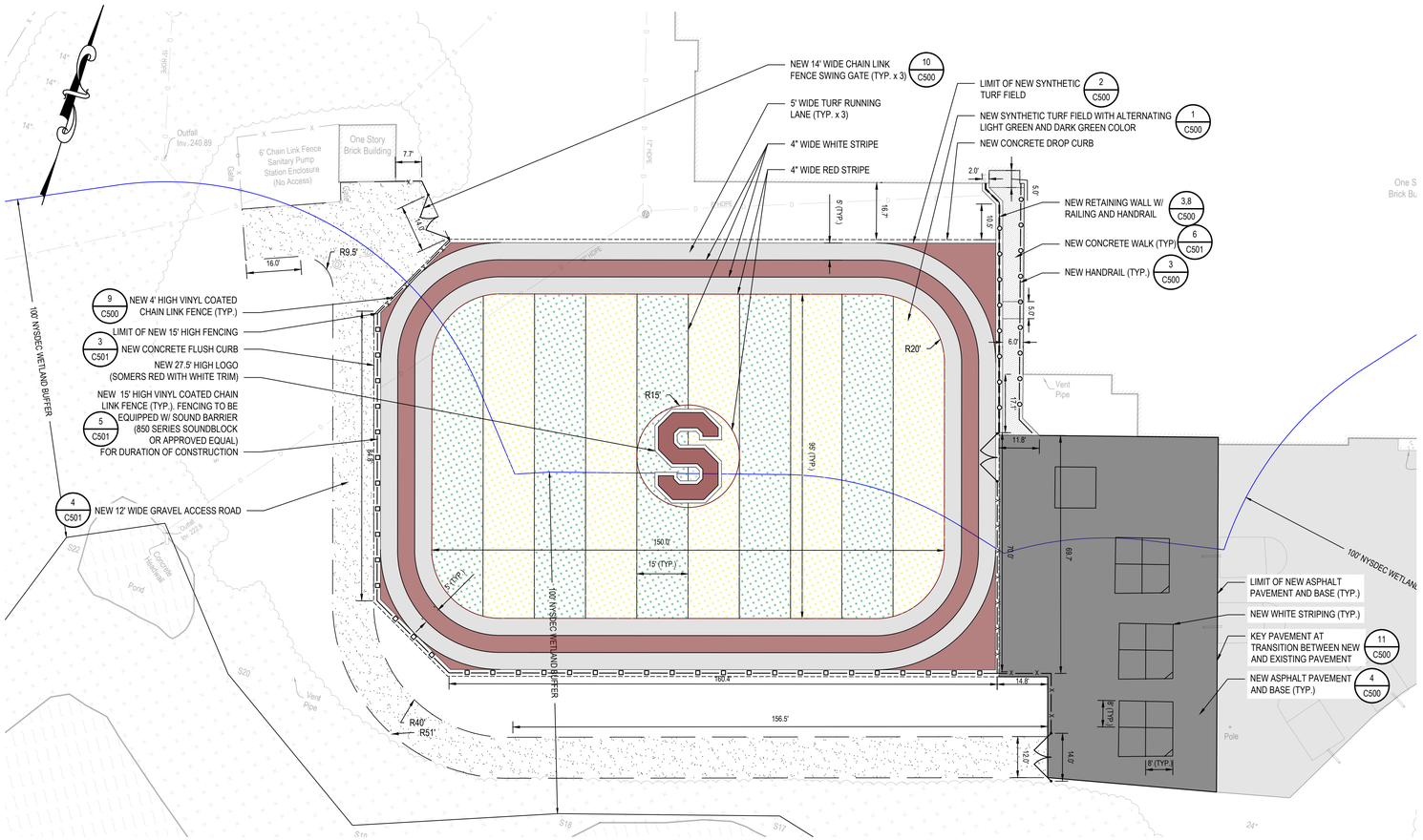
SHEET TITLE

EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING No.

MS-CD 100.00

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LEGEND

DESCRIPTION	SYMBOL
CURB	
CONCRETE DROP CURB	
RETAINING WALL	
ASPHALT PAVEMENT	
ALTERNATING LIGHT GREEN AND DARK GREEN SYNTHETIC TURF PLAYING SURFACE	
GRAVEL	
CHAIN LINK FENCE	x x
15' HIGH CHAIN LINK FENCE	
HANDRAIL	

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. NOTIFY THE OWNER AND H2M (TELEPHONE 914-358-5623) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
3. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
4. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
5. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
6. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
7. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
8. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
9. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
10. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
11. REMOVE ALL ASPHALT FROM EXISTING CASTINGS.
12. SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · LICENSED PROFESSIONAL ENGINEER · 071569

09/30/2026
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569
"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2507	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS MIDDLE SCHOOL

250 US-202, SOMERS, NY 10589

SED #: 66-21-01-06-0-001-021

CONTRACT

CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

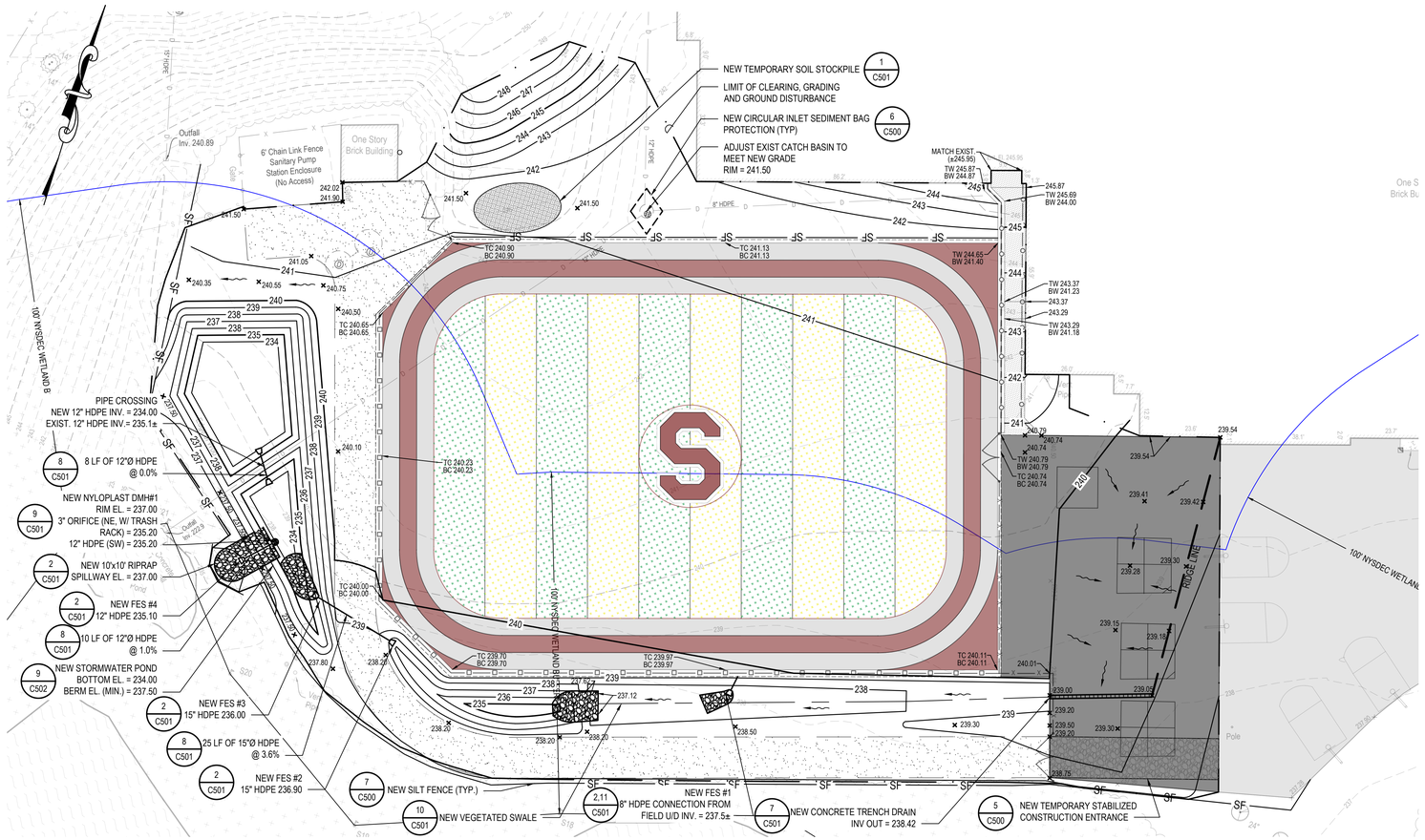
SHEET TITLE

DIMENSIONAL SITE PLAN

DRAWING No.

MS-CS 100.00

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LEGEND

DESCRIPTION	SYMBOL
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MAJOR CONTOUR	240
MINOR CONTOUR	241
DRAINAGE LINE	D
NEW SILT FENCE	SF SF
LIMIT OF CLEARING, GRADING, AND GROUND DISTURBANCE	
NEW INLET SEDIMENT BAG PROTECTION	
NEW STABILIZED CONSTRUCTION ENTRANCE	

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
3. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
4. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PIPE MATERIAL SPECIFICATIONS:

- DRAINAGE CONNECTIONS: 6-24"Ø SMOOTH INTERIOR HDPE (N-12)

PERMANENT SEEDING AND SOIL RESTORATION NOTES:

1. APPLICABLE TO ALL DISTURBED AREAS OF THE SITE NOT SPECIFIED FOR OTHER IMPROVEMENTS.
2. SOIL RESTORATION SHALL BE IN ACCORDANCE WITH CHAPTER 5, TABLE 5.3 OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL.
3. SOIL RESTORATION SHALL BE REQUIRED ON ALL AREAS OF THE SITE WHICH TOPSOIL WAS STRIPPED AND IN NEW PERVIOUS AREAS PREVIOUSLY IMPERVIOUS OR IN AREAS WITH HEAVY COMPACTION DUE TO CONSTRUCTION OPERATIONS.
4. SOIL RESTORATION STEPS ARE AS FOLLOWS:
   - 4.1. APPLY 3 INCHES OF COMPOST OVER SUBSOIL
   - 4.2. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR-MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUBSOILS
   - 4.3. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE
   - 4.4. APPLY TOPSOIL TO A DEPTH OF 6 INCHES, COMPACT TO A UNIFORM THICKNESS OF 4" AND FINELY GRADE AND LOOSEN WITH MECHANICAL RAKES TO ENSURE SEED ACCEPTANCE
   - 4.5. SEED AND FERTILIZE AS REQUIRED BY NOTE #5 BELOW
5. SEEDING, MULCHING AND FERTILIZING SHALL BE AS FOLLOWS:
   - 5.1. FERTILIZER SHALL BE APPLIED AT 6 LBS OF FS O-F-241 FERTILIZER/1,000 SQ. FT.
   - 5.2. PERMANENT HYDROSEEDING SHALL BE IN ACCORDANCE WITH SPECIFICATION NO 329219.16. SEED MIX SHALL BE ONE OF THE TWO BELOW MIXES:

MIX A:

GRASS TYPE	% OF MIXTURE	MIN. % GERMINATION
KENTUCKY 31 FESCUE	50	90
N.K. 100 PERENNIAL RYE GRASS	25	85
PENN LAWN FESCUE	25	90

MIX B:

GRASS TYPE	% OF MIXTURE	MIN. % GERMINATION
MERION BLUEGRASS	50	80
PENN LAWN FESCUE	30	90
N.K. 106 HYBRID RYE GRASS	20	85

6. MAINTENANCE AND INSPECTION:
   - 6.1. UPON COMPLETION OF SOIL RESTORATION, AREA SHOULD BE KEPT FREE OF ANY VEHICULAR/FOOT TRAFFIC OR WEIGHTED LOADS.
   - 6.2. INSPECT GRASS AREAS DAILY TO AND WATER WHEN NECESSARY (WEATHER DEPENDANT) TO PREVENT GRASS/SOIL FROM BECOMING DRY.
   - 6.3. MOW GRASS AT REGULAR INTERVALS TO MAINTAIN AT A MAXIMUM HEIGHT OF 2-1/2 INCHES. DO NOT CUT MORE THAN 1/3 OF GRASS BLADE AT ANY ONE MOWING. NEATLY TRIM EDGES AND HAND CLIP WHERE NECESSARY. IMMEDIATELY REMOVE CLIPPINGS AFTER MOWING AND TRIMMING.
   - 6.4. MAINTAIN SEEDED AREAS IMMEDIATELY AFTER PLACEMENT UNTIL GRASS IS WELL ESTABLISHED AND EXHIBITS A VIGOROUS GROWING CONDITION (80% MIN. COVERAGE), AS DETERMINED BY AT LEAST TWO CUTTINGS, OR UNTIL THE JOB IS ACCEPTED BY THE OWNER, WHICHEVER OCCURS LAST.
   - 6.5. IF WITHIN 14-30 DAYS FOLLOWING SEEDING OF THE RESTORED AREAS GRASS HAS NOT ACHIEVED A MIN. 80% GERMINATION/COVERAGE, BARE AREAS SHALL BE RESEEDED. AREAS SHALL BE CONTINUOUSLY MAINTAINED AND RESEEDED UNTIL THE MINIMUM COVERAGE NEEDS ARE MET.

CONSTRUCTION SEQUENCING NOTES (SMSD2506 & 2507):

THE FOLLOWING IS A GENERAL SEQUENCE OF CONSTRUCTION ACTIVITIES FOR THE PHASE 2 WORK:

1. CONDUCT A PRE-CONSTRUCTION MEETING AT LEAST 48-HOURS PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES. ATTENDEES TO INCLUDE OWNER, ARCHITECT/ENGINEER, CONTRACTOR AND DEP.
2. INSTALLATION OF CONSTRUCTION FENCING ALONG LIMITS OF DISTURBANCE. INSTALLATION OF SILT FENCING, INLET PROTECTION ON EXISTING STRUCTURES, STABILIZED CONSTRUCTION ENTRANCE AND ALL OTHER PRACTICES/MEASURES AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN;
3. ROUGH GRADING OF THE SITE (I.E. TURF FIELD AREAS AND RAIN GARDEN AREA), THE EXISTING SOILS IN AREAS OF ASPHALT REMEDIATION ARE TO REMAIN UNDISTURBED; FOLLOWING ROUGH GRADING OF SITE ALL EXPOSED AREAS WHERE WORK WILL NOT BE PERFORMED SHOULD BE TEMPORARILY OR PERMANENTLY STABILIZED. STABILIZATION WORK MUST BE INITIATED BY THE END OF THE NEXT DAY AND COMPLETED WITHIN SEVEN (7) DAYS.
4. INSTALLATION OF THE NEW VEGETATED SWALE, RAIN GARDEN, STORMWATER INFRASTRUCTURE, DRAINAGE FRAMES & GRATES, FIELD INLETS, AND THE ASSOCIATED DRAINAGE PIPING. IMMEDIATELY INSTALL INLET PROTECTION ON ALL NEW CATCH BASINS AND FIELD INLETS WITH GRATES.
5. FINAL GRADING OF DISTURBED AREAS TO FINISHED GRADE.
6. INSTALLATION OF NEW AGGREGATE BASE COURSE IN AREAS OF NEW PAVEMENT. INSTALLATION OF NEW CURBING, SIDEWALK, PLAYGROUND SURFACING AND CONCRETE PADS. INSTALLATION OF REMAINING PLAYGROUND FEATURES.
7. SEEDING OF DISTURBED AREAS AND OTHER FINAL LANDSCAPING MEASURES.
8. FOLLOWING FINAL STABILIZATION OF DISTURBED AREAS, REMOVAL OF REMAINING TEMPORARY EROSION AND SEDIMENT CONTROLS.
9. SILT REMOVAL AND CLEANING OF INLETS PROTECTED DURING CONSTRUCTION.

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   - a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   - b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A TWICE WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
9. ALL CONCRETE WASHOUT MUST BE CONDUCTED OFFSITE AND IN ACCORDANCE WITH PAGE 2.23 OF THE NYSDEC E&SC DESIGN MANUAL.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE (SMSD2506 & 2507) = 1.25 ACRES

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NOTES:

1. PURSUANT TO THE REQUIREMENTS OF SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY GP-0-25-001 ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED FOR THIS PROJECT. ADHERE TO AND IMPLEMENT ALL REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
2. REVIEW THE SWPPP AND SIGN IN THE LOCATION SHOWN STATING THAT ALL WORK PERTAINING TO EROSION AND SEDIMENT CONTROL WILL BE PERFORMED WITHIN REQUIREMENTS OF THE SWPPP AND EROSION AND SEDIMENT CONTROL PLAN.
3. THE OWNER SHALL PROVIDE A QUALIFIED INSPECTOR WHO WILL PERFORM TWICE WEEKLY INSPECTIONS AT THE CONSTRUCTION SITE. THE QUALIFIED INSPECTOR SHALL MEET THE REQUIREMENTS OUTLINED IN SPDES GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITY (GP-0-25-001). IF THE INSPECTIONS FIND ANY DEVIATIONS FROM THE SWPPP OR THE EROSION AND SEDIMENT CONTROL PLAN IT WILL BE NOTED. THE CONTRACTOR WILL HAVE 7 DAYS TO CORRECT ANY DEVIATIONS SO THAT IT COMPLIES WITH THE REQUIREMENTS OF THE SWPPP AND OR EROSION AND SEDIMENT CONTROL PLAN. 2 WEEKLY INSPECTIONS WILL BE PERFORMED.

TEMPORARY SEEDING NOTES:

1. APPLICABLE TO ANY DISTURBED AREAS OF THE SITE WHICH REMAIN DISTRUBED FOR MORE THAN ONE (1) WEEK.
2. ROUGH GRADE AREA PRIOR TO SEEDING. REMOVE LARGE DEBRIS AND ROCKS.
3. TEMPORARY SEEDING SHALL BE AS FOLLOWS:
   - 3.1. SPRING TO EARLY FALL: SEED AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (OR USE 1 LB./1000 SQ. FT.).
   - 3.2. LATE FALL TO EARLY WINTER: SEED AREA WITH CERTIFIED 'AROOSTOOK' WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (2.5 LBS./1000 SQ. FT.).
4. MULCH AREA WITH HAY OR STRAW AT 2 TONS/ACRE (APPROX. 90 LBS./1000 SQ. FT. OR 2 BALES).
5. FOR FURTHER DETAIL, REFER TO PAGE 4.58 OF THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

SITE SOILS NOTE:

1. SOILS OBSERVED DURING GEOTECHNICAL ANALYSIS DETERMINED PRESENCE OF ASH AND METAL WITHIN THE FILL MATERIALS. ANY EXCAVATED MATERIALS MUST BE EITHER REUSED IN THE SAME LOCATION OR DIRECTLY LOADED INTO TRUCKS AND TRANSPORTED OFFSITE. SHOULD ANY FILL MATERIALS REMAIN ONSITE OVERNIGHT, SOIL SHALL BE COVERED WITH PLASTIC TO PREVENT SEDIMENT/POLLUTANT RUNOFF.

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2026 EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2507	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS MIDDLE SCHOOL

250 US-202, SOMERS, NY 10589

SED #: 66-21-01-06-0-001-021

CONTRACT

CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS

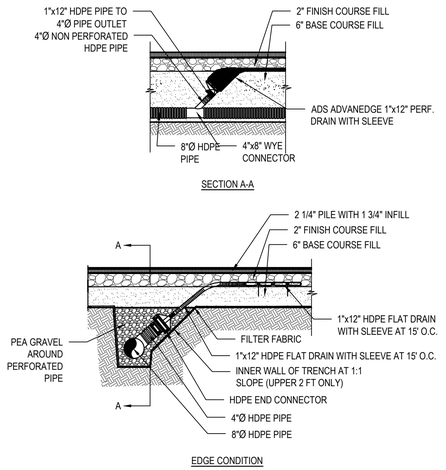
BID DOCUMENTS

SHEET TITLE

GRADING, DRAINAGE, & EROSION & SEDIMENT CONTROL PLAN

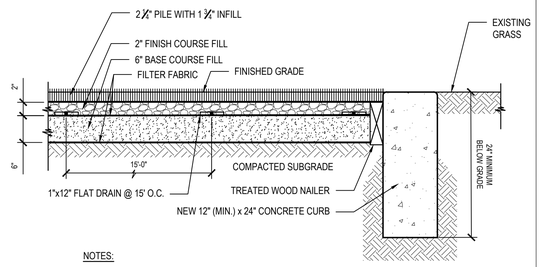
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1 Synthetic Turf Field Section

SCALE: NTS

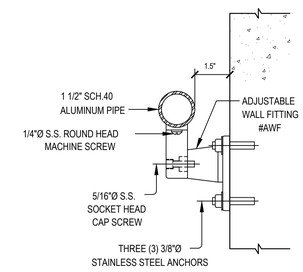


NOTES:

1. CONCRETE TO BE 4,000 PSI STRENGTH AT 28 DAYS, AIR ENTRAINED.
2. EXPANSION JOINTS CONSISTING OF 1/2" PRE-MOULDED BITUMINOUS JOINT FILLER REQUIRED AT 20' CC.
3. SUBGRADE SHALL BE COMPACTED TO 95% MIN. AASHTO T-99.

2 Synthetic Turf Edge Section

NTS

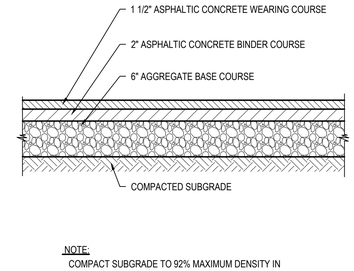


NOTES:

1. INSTALL AND ATTACH HANDRAIL IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. MAINTAIN 1.5" CLEARANCE BETWEEN FACE OF WALL/GUARDRAIL AND HANDRAIL (TYP. THROUGHOUT)
3. COLOR AND FINISH PER OWNER PREFERENCE.

3 Aluminum Handrail

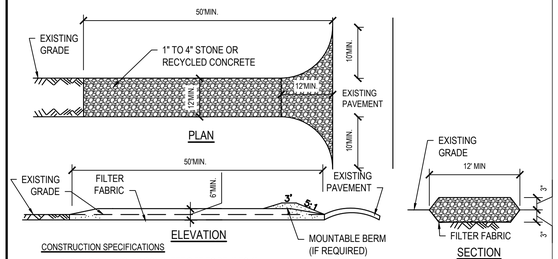
SCALE: NTS



NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

4 Asphalt Pavement - Standard Duty

SCALE: NTS (321216.13 H2MX1) - U



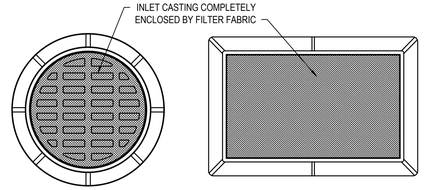
CONSTRUCTION SPECIFICATIONS

1. STONE OR RECYCLED CONCRETE SIZE TO BE 1" TO 4".
2. LENGTH - NOT LESS THAN 50 FEET (UNLESS INDICATED OTHERWISE ON PLANS).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. PLACE FILTER FABRIC OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER FABRIC TO BE TREVIRA SPUNBOND, 1135 MIRAFI 600X OR EQUIVALENT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. IF TRACKING IS OBSERVED SEDIMENT LADEN STONE SHALL BE REMOVED AND REPLACED WITH CLEAN STONE TO MAINTAIN EFFECTIVENESS.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. INSPECTIONS SHALL BE PERFORMED TWICE WEEKLY AND AFTER EACH RAIN. ANY NEEDED MAINTENANCE SHALL BE PROVIDED.

5 Stabilized Construction Entrance

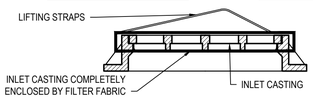
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FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft²	145
Permittivity	ASTM D 4491	Sec⁻¹	2.1



PLAN VIEW- CIRCULAR INLET

PLAN VIEW- RECTANGULAR INLET

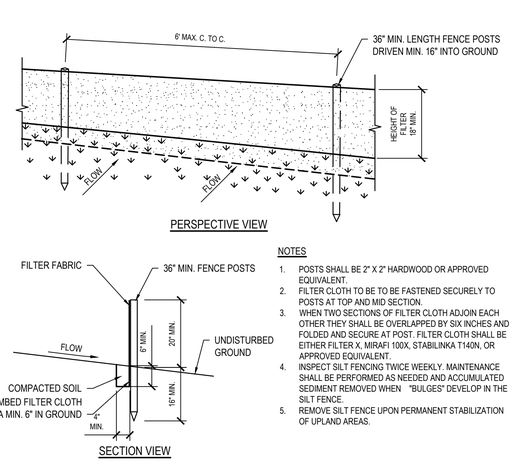


NOTES

1. INSPECT INLET PROTECTION AT A MINIMUM OF TWICE WEEKLY AND AFTER EACH RAIN EVENT. REMOVE ACCUMULATED SEDIMENT AND DEBRIS TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC. REPLACE IF ANY TEARS IN MATERIAL ARE NOTED OR IF FLOW BECOMES IMPEDED FOLLOWING CLEANINGS.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

6 Sediment Bag Inlet Protection

SCALE: NTS



PERSPECTIVE VIEW

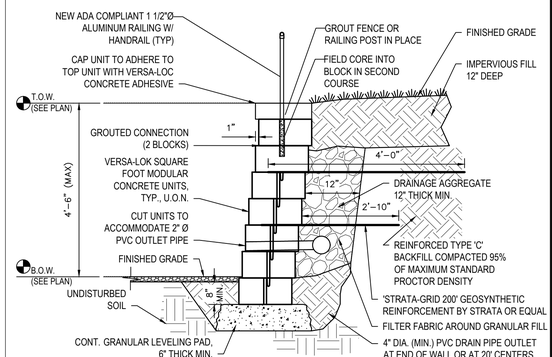
SECTION VIEW

NOTES

1. POSTS SHALL BE 2" X 2" HARDWOOD OR APPROVED EQUIVALENT.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED AND SECURE AT POST. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. INSPECT SILT FENCING TWICE WEEKLY. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND ACCUMULATED SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. REMOVE SILT FENCE UPON PERMANENT STABILIZATION OF UPLAND AREAS.

7 Silt Fence - Standard

SCALE: NTS 312513.13 NYDC1-U

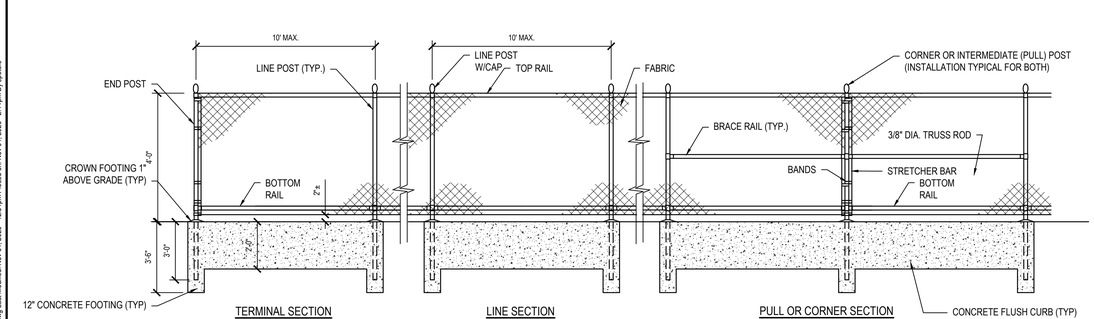


NOTES:

1. WALLS LESS THAN 2'-0" IN HEIGHT DO NOT REQUIRED GEOSYNTHETIC REINFORCEMENT.
2. DESIGN SHOWN IS BASED ON VERSA-LOK SQUARE FOOT MODULAR UNITS. IF SUBSTITUTION IS DESIRED, CONTRACTOR SHALL SUBMIT PRODUCT DATA WITH CALCULATIONS SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF NEW YORK.
3. CONTRACTOR TO SUBMIT PRODUCT INFORMATION SHEET TO OWNER FOR SELECTION OF COLOR AND FINISH.

Retaining Wall Section with Fence Mounting (2'-0" to 4'-6" Height)

SCALE: NTS SPECIFICATION #

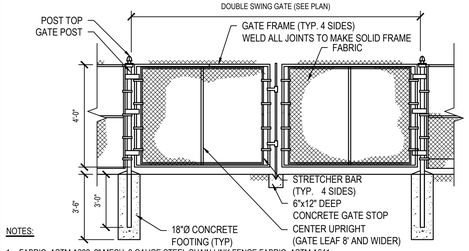


NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 1.9" O.D. (2.28 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. BOTTOM TENSION WIRE: ASTM A824 NO. 7 GAUGE STEEL-MARCELLED WIRE, ZINC COATED TO 0.4 OZ/SF WITH 7-12 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1664.
7. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
8. CONCRETE TO ACHIEVED 4000 PSI STRENGTH AT 28 DAYS.

9 Chain Link Fence - Vinyl Coated - 4' Height

SCALE: NTS 323113.15 H2MX1



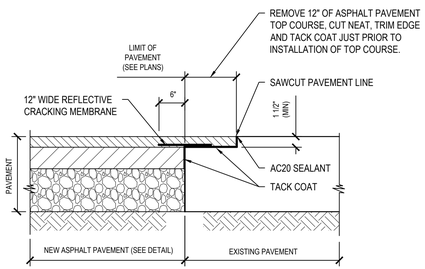
NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668, CLASS 2B.
2. FRAME: ASTM F900, 1.66" O.D. (1.83 LBS./FT.) STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
3. GATE POST: ASTM F1043, SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 (SEE TABLE FOR SIZE AND WEIGHT). SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. HINGES: ASTM F900, NON-LIFT-OFF TYPE.
5. LATCH: ASTM F900 FORKED TYPE GRAVITY DROP WITH PROVISION FOR PADLOCK.
6. FITTINGS AND ACCESSORIES L: ASTM F 626, MALLEABLE OR PRESSED STEEL, HOT DIPPED GALVANIZED TP 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
7. GATE KEEPER: ASTM F900.
8. PROVIDE GATE KEEPER FOR EACH SWING GATE.
9. VINYL COATING COLOR TO BE SELECTED BY OWNER.
10. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

SINGLE GATE LEAF WIDTH	GATE POST OUTSIDE DIAMETER (INCHES)	MINIMUM WEIGHT (LB/FT)
UP TO 4'	2.375	3.12
5' TO 10'	2.875	4.64
11' TO 18'	4.000	6.56

Chain Link Double Swing Gate Vinyl Coated - 4' Height

SCALE: NTS 323113.25 H2MX1



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09/30/2026
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2507	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS MIDDLE SCHOOL

250 US-202, SOMERS, NY 10589

SED #: 66-21-01-06-0-001-021

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CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

SHEET TITLE

SITE DETAILS

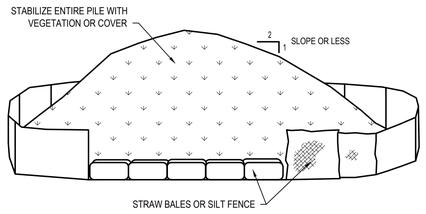
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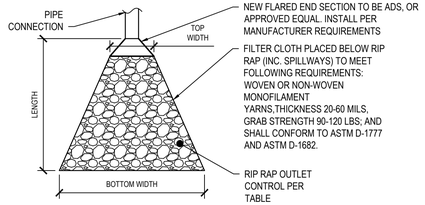
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAW BALES, THEN STABILIZED WITH VEGETATION OR COVERED.



TO BE USED WHERE TOPSOIL IS NECESSARY FOR REGRADING AND VEGETATING DISTURBED AREAS. TEMPORARY STOCKPILE STABILIZATION MEASURES INCLUDE VEGETATIVE COVER, MULCH, NONVEGETATIVE COVER, AND PERIPHERAL SEDIMENT TRAPPING BARRIERS. THE STABILIZATION MEASURE(S) SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, AND REQUIRED PERIOD OF USE.

1 Temporary Soil Stockpile

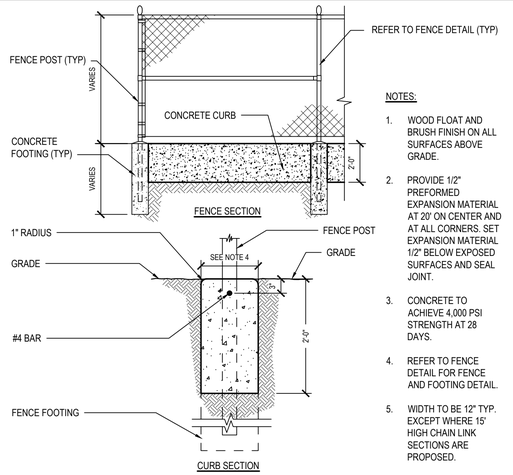
SCALE: NTS (312513.23 NYDC1) - U



FES ID.	PIPE DIA. (IN)	LENGTH (FT)	D_50 (IN)	D_MAX (IN.)	MIN. THICKNESS (IN.)	BOTTOM WIDTH (FT)	TOP WIDTH (FT)
Swale Discharge	-	6	3	6	9	6	6
FES #2	8	6	3	6	9	7	2
FES#3	12	8	4	6	12	9	4
FES #4	15	6	3	6	9	7	3
Pond Spillway	-	8	4	6	12	8	8

2 Flared End Section Detail

SCALE: NTS

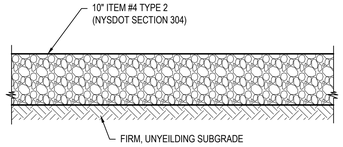


NOTES:

1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
3. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.
4. REFER TO FENCE DETAIL FOR FENCE AND FOOTING DETAIL.
5. WIDTH TO BE 12" TYP. EXCEPT WHERE 15' HIGH CHAIN LINK SECTIONS ARE PROPOSED.

3 Concrete Flush Curb with Fence Mounting

SCALE: NTS | H2M: 2 321613

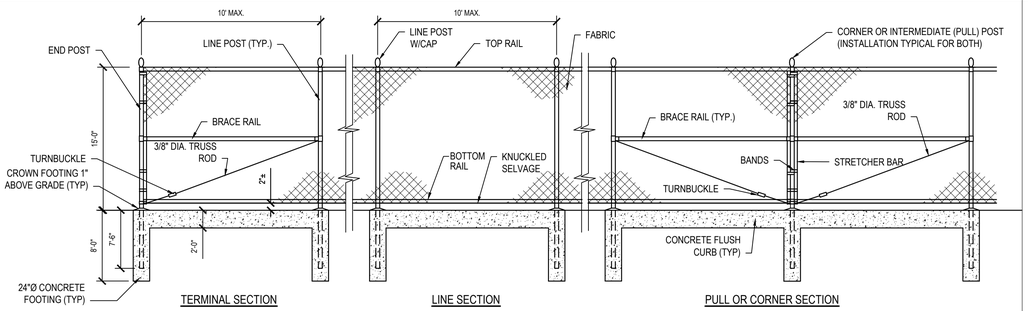


NOTES:

1. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING SURFACES AND PROPOSED GRAVEL AREAS.
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

4 Gravel Access Section

SCALE: NTS

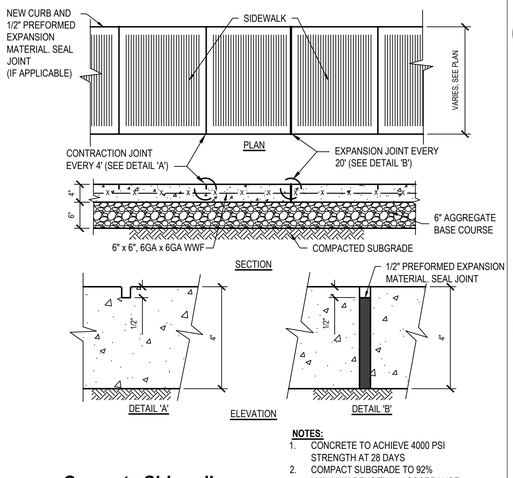


NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP, BOTTOM, AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 8.625" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 8.625" O.D. (4.64 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
7. CONCRETE TO ACHIEVED 4,000 PSI STRENGTH AT 28 DAYS.

5 Chain Link Fence - Vinyl Coated - 15' Height

SCALE: NTS 323113.15 H2MX2

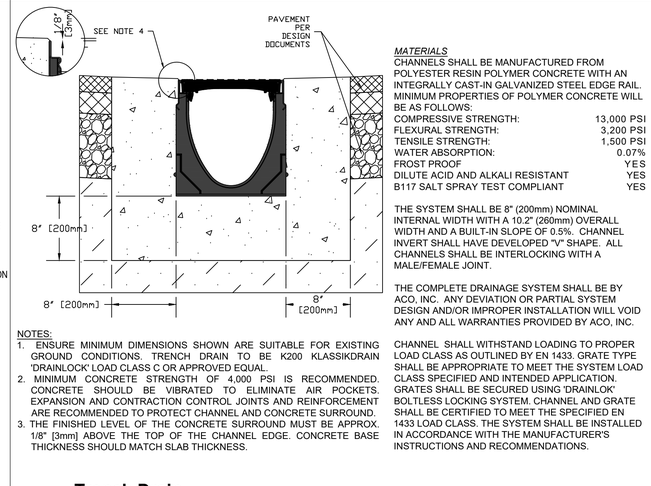


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

6 Concrete Sidewalk

SCALE: NTS 321313.33 H2MX1



MATERIALS

CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN GALVANIZED STEEL EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

COMPRESSIVE STRENGTH:	13,000 PSI
FLEXURAL STRENGTH:	3,200 PSI
TENSILE STRENGTH:	1,500 PSI
WATER ABSORPTION:	0.07%
FROST PROOF	YES
DILUTE ACID AND ALKALI RESISTANT	YES
B117 SALT SPRAY TEST COMPLIANT	YES

THE SYSTEM SHALL BE 8" (200mm) NOMINAL INTERNAL WIDTH WITH A 10.2" (260mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5%. CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO, INC.

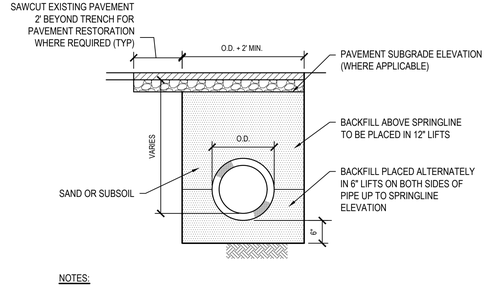
CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING 'DRAINLOK' BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

NOTES:

1. ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS. TRENCH DRAIN TO BE K200 KLASSIKDRAIN 'DRAINLOCK' LOAD CLASS C OR APPROVED EQUAL.
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND.
3. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" [3mm] ABOVE THE TOP OF THE CHANNEL EDGE. CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS.

7 Trench Drain

SCALE: NTS

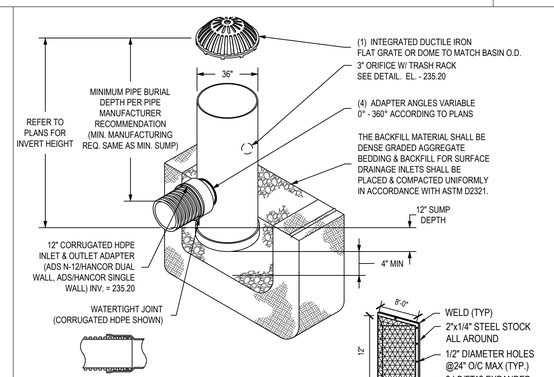


NOTES:

1. IF DEPTH OF TRENCH EXCEEDS 5', THE CONTRACTOR MUST PROVIDE SHEETING AND BRACING OR A SHEETING BOX IN ACCORDANCE WITH OSHA REGULATIONS. AS AN ALTERNATIVE, IF PERMITTED BY THE ENGINEER, THE TRENCH WALLS MAY BE CUT BACK TO A 1:1 SLOPE OR THE NATURAL ANGLE OF REPOSE FOR THE SOIL, WHICHEVER IS GREATER.
2. WITHIN 9" OF PAVEMENT SUBGRADE ELEVATION (WHERE APPLICABLE) COMPACT BACKFILL TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL OTHER BACKFILL MATERIAL TO BE COMPACTED TO 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

8 Pipe Trench

SCALE: NTS 312333.00 H2MX1 -U



NOTES:

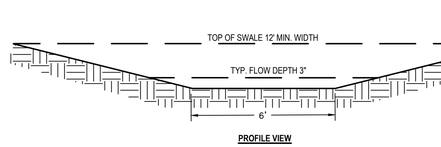
1. 24" DOME OR FLAT GRATE SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS
3. DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER (4" - 36").
4. ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.
5. DOME GRATES HAVE NO LOAD RATING.

NOTES:

1. TRASH RACK TO BE AS SHOWN ABOVE OR APPROVED EQUAL COMPLIANT WITH APPENDIX K OF THE NYS DESIGN MANUAL.

9 Nyloplast Drainage Manhole

SCALE: NTS



PROFILE VIEW

NOTES

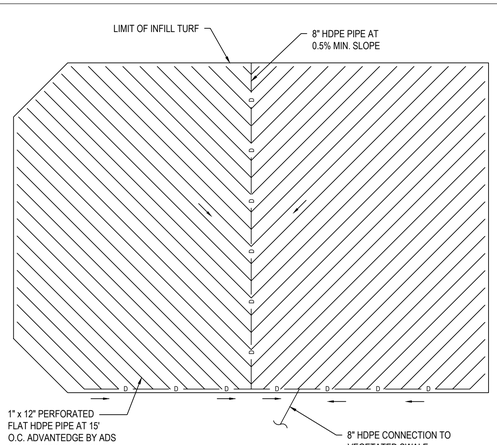
1. BOTTOM WIDTH NO GREATER THAN 6'.
2. SIDE SLOPES NO STEEPER THAN 3H:1V.
3. THE SWALE SHALL HAVE A SLOPE OF 1.0%.
4. MINIMUM FLOW LENGTH OF 130'.
5. MINIMUM OF 6 INCHES OF FREEBOARD REQUIRED BETWEEN THE FLOW DEPTH OF THE 10-YEAR STORM AND THE TOP OF THE SWALE.
6. SOIL RESTORATION IN ACCORDANCE WITH SECTION 5.1.6 OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL

INSPECTION AND MAINTENENCE

1. FERTILIZE AND LIME AS NEEDED TO MAINTAIN DENSE VEGETATION. MOW AS REQUIRED DURING THE GROWING SEASON TO MAINTAIN GRASS HEIGHTS AT 4 INCHES TO 6 INCHES.
2. REMOVE ANY SEDIMENT OR DEBRIS BUILDUP BY HAND IF POSSIBLE IN THE BOTTOM OF THE CHANNEL WHEN THE DEPTH REACHES 2 INCHES.
3. INSPECT FOR POOLS OF STANDING WATER. REGRADE TO RESTORE DESIGN GRADE AND REVEGETATE. REPAIR RILLS IN CHANNEL BOTTOM WITH COMPACTED TOPSOIL, ANCHORED WITH MESH OR FILTER FABRIC, SEED AND MULCH.
4. USE OF HEAVY EQUIPMENT FOR MOWING AND REMOVING PLANTS/DEBRIS SHOULD BE AVOIDED TO MINIMIZE SOIL COMPACTION. DISTURBED AREAS SHOULD BE STABILIZED WITH SEED AND MULCH, OR REVETMENT, AS NECESSARY.

10 Vegetated Swale

SCALE: NTS



11 Field Underdrain System Layout

NTS (34699.00 H2MX1)

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2026 EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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SMSD2507	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS MIDDLE SCHOOL

250 US-202, SOMERS, NY 10589

SED #: 66-21-01-06-0-001-021

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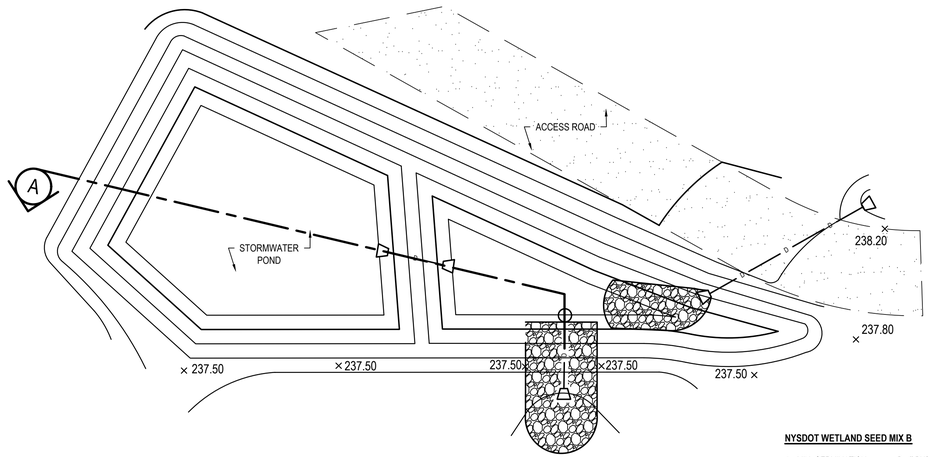
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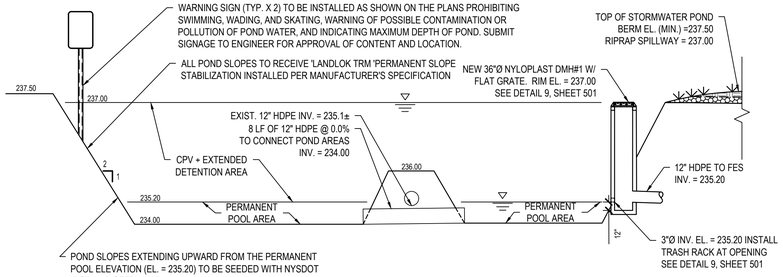
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1 Stormwater Pond Section

SCALE: NTS

NYSDOT WETLAND SEED MIX B

A - MIN. GERMINATION B - # PURE LIVE SEED/ACRE

NAME	VARIETY	A	B
ANNUAL RYEGRASS (LOLIUM MULTIFLORUM)	COMMERCIAL	90	15
PERENNIAL RYEGRASS (POA ANNUA)	COMMERCIAL	90	50
REDTOP (AGROSTIS GIGANTA ROTH)	COMMERCIAL	85	35

REFER TO SEEDING SPECIFICATION FOR ADDITIONAL INFORMATION ON MULCH, FERTILIZER AND APPLICATION

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White Plains, NY 10605
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STATUS

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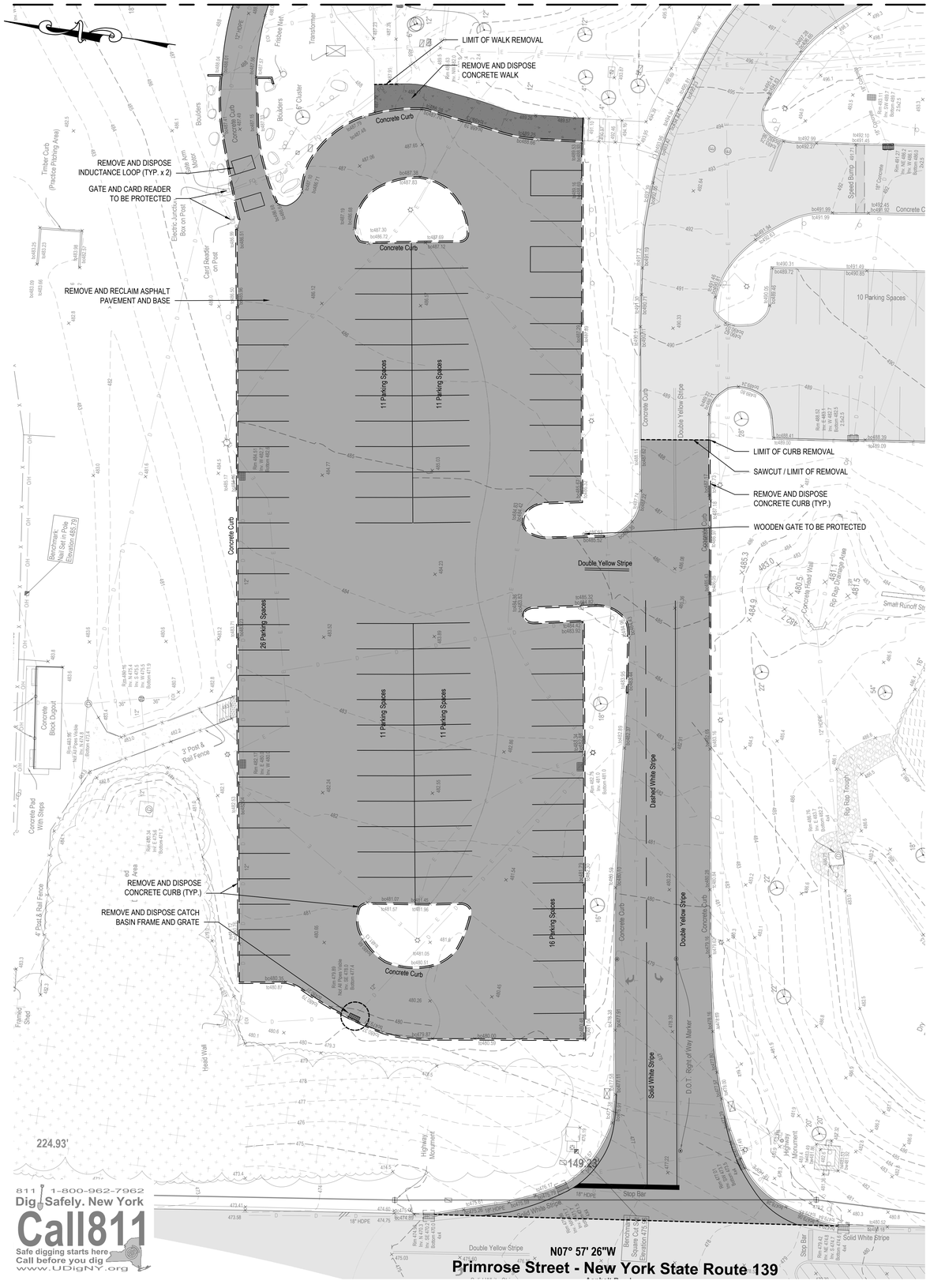
SHEET TITLE

SITE DETAILS

DRAWING No.

MS-C 502.00

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EXISTING CONDITIONS LEGEND

DESCRIPTION	SYMBOL
DRAINAGE MANHOLE	
CATCH BASIN	
INLET	
INLET	
CLEAN OUT	
ELECTRIC RISER	ER
LIGHT	
PULL BOX	
TRAFFIC SIGNAL BOX	
TRAFFIC SIGNAL POLE	
UTILITY POLE/GUY POLE	
SIGN	
TWO POST SIGN	
BOLLARD	
FLAG POLE	FP
DECIDUOUS TREE	
CURB	
DROP CURB	
STORM DRAIN	D D
SANITARY SEWER	
UNDERGROUND ELECTRIC	E E
UNDERGROUND TELEPHONE	T T
OVERHEAD WIRES	OH OH
FENCE	X X
CONTOUR	100
SPOT ELEVATION	100.0
TOP/BOT CURB GRADE	tc 100.50 bc 100.00
ASPHALT PAVEMENT	
CONCRETE PAVEMENT	
BRICK/PAVER PAVEMENT	
RUBBERIZED SURFACE	
DETECTABLE WARNING PAD	

DEMOLITION LEGEND

DESCRIPTION	SYMBOL
REMOVE AND DISPOSE OF EXISTING CURB	
SAWCUT PAVEMENT LINE	
REMOVE AND RECLAIM EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT AND BASE	
REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK	
REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE	x x
REMOVE AND DISPOSE OF EXISTING CATCH BASIN FRAME AND GRATE	

EXISTING CONDITIONS NOTES:

1. EXISTING SURVEY PREPARED BY H2M ARCHITECTS + ENGINEERS, DATED OCTOBER 13, 2025.
2. MARKOUT OF UNDERGROUND UTILITIES COMPLETED BY THE LEXIS GROUP, DATED OCTOBER 2022.
3. BENCHMARK 1 - (SQUARE CUT SET IN CONCRETE PAD, EAST OF EXISTING ENTRANCE FROM PRIMROSE STREET, EL. = 475.96). BENCHMARK 2 - (SQUARE CUT SET IN POLE, SOUTH OF BASEBALL FIELD LOCATED AT THE NORTH END OF THE SITE, EL. = 485.79).
4. LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES BOTH PUBLIC AND CUSTOMER OWNED, WERE OBTAINED FROM EITHER OLD MAPS, SURVEYS, DRAWINGS/RECORDS SUPPLIED BY OTHERS AND/OR UTILITY MARKOUT. THE OWNER AND ENGINEER DO NOT GUARANTEE OR ACCEPT RESPONSIBILITY FOR ANY DAMAGE TO SUCH FACILITIES DUE TO DISCREPANCIES IN LOCATION AND SIZE SHOWN ON THE PLANS OR THOSE UTILITIES AND STRUCTURES NOT SHOWN.

SITE DEMOLITION NOTES:

1. REPORT ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS TO THE ENGINEER IN WRITING IMMEDIATELY.
2. UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FOR DESIGN PURPOSES ONLY. PROVIDE FOR CONSTRUCTION MARKOUT AND LOCATE EXISTING UNDERGROUND UTILITIES. NO EXCAVATION CAN COMMENCE UNTIL UTILITY DOCUMENTATION HAS BEEN COMPLETED.
3. AFTER MARKOUT AND PRIOR TO DISTURBING THE SITE, UNCOVER ALL SUBSURFACE UTILITIES AND STRUCTURES WITHIN LIMITS OF DISTURBANCE TO CONFIRM THEIR LOCATION AND DEPTH.
4. NO COMPENSATION WILL BE MADE FOR ANY INCONVENIENCE CAUSED BY ENCOUNTERING UTILITIES AND STRUCTURES WHICH ARE NOT SHOWN, OR ARE INACCURATELY SHOWN ON THE PLANS.
5. REPAIR ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR OPERATIONS IMMEDIATELY AT NO COST TO OWNER.
6. REPAIR ANY DAMAGE TO EXISTING SITE FEATURES SCHEDULED TO REMAIN RESULTING FROM CONTRACTOR OPERATIONS AT NO COST TO OWNER.
7. SAWCUT CONCRETE PAVEMENT BACK TO NEAREST EXPANSION/CONTROL JOINT.
8. PROVIDE TEMPORARY FENCING TO PROTECT WORK AREAS. SITE LOGISTICS PLAN FOR TEMPORARY FENCING TO BE PROVIDED BY GENERAL CONTRACTOR.
9. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO ANY GROUND DISTURBANCE.
10. DELINEATE THE LIMITS OF CLEARING AND REVIEW WITH THE OWNER PRIOR TO COMMENCING WORK.
11. NOTIFY OWNER AND ENGINEER IMMEDIATELY IN WRITING WHEN UNKNOWN STRUCTURES OR SUSPECTED HAZARDOUS OR CONTAMINATED MATERIALS ARE ENCOUNTERED PRIOR TO REMOVAL OR DISTURBANCE.
12. TAKE APPROPRIATE MEASURES TO PROTECT PEDESTRIANS AND VEHICULAR TRAFFIC DURING REMOVAL ACTIVITIES, AND PROVIDE TEMPORARY MEASURES FOR THE PROTECTION AND SAFETY OF THE PUBLIC UNTIL FINAL ACCEPTANCE BY THE OWNER.
13. BACKFILL ALL VOIDS RESULTING FROM THE REMOVAL OF EXISTING SITE FEATURES. BACKFILL TO BE SOIL, FREE OF ORGANIC MATERIAL, DEBRIS, TRASH, CLAY AND STONES LARGER THAN 4 INCHES.
14. OBTAIN HIGHWAY WORK PERMIT FROM NYSDOT PRIOR TO ANY WORK WITHIN THE STATE RIGHT OF WAY.

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2025
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

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S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT
CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS
BID DOCUMENTS

SHEET TITLE
EXISTING CONDITIONS & DEMOLITION PLAN - WEST

DRAWING No.
HS-CD 100.00

C:\Users\peters\appdata\local\temp\AcPublish_17660\01_CD\100 Existing Conditions & Demolition Plan.dwg Last Modified: Oct 23, 2026 - 8:41am Rvttel.cnn - Oct 28, 2026 - 2:38pm By system

SEE NOTES AND LEGEND ON SHEET CD 100

REMOVE AND DISPOSE OF 4' CHAINLINK FENCE SECTION

SAWCUT / LIMIT OF ASPHALT REMOVAL

REMOVE AND DISPOSE SITE BOLLARD (TYP. x 3)

REMOVE AND DISPOSE ASPHALT PAVEMENT AND BASE

REMOVE, PROTECT, AND REINSTALL A/C UNITS

LIMIT OF WALK REMOVAL

REMOVE AND DISPOSE CONCRETE WALK

REMOVE AND DISPOSE WOOD TIE RETAINING WALL

PARTIALLY REMOVE AND DISPOSE CONCRETE ACCESSIBLE RAMP. REFER TO 'A' SHEETS

REMOVE AND DISPOSE CATCH BASIN FRAME AND GRATE. REMOVE DEBRIS FROM BASIN.

REMOVE AND DISPOSE STOCKADE FENCE AND POSTS (TYP.)

RELOCATE METAL CONTAINER. LOCATION TO BE DETERMINED BY OWNER (TYP. x 2).

REMOVE AND STORE 8' CHAIN LINK FENCE TO FACILITATE PAVING

REMOVE AND DISPOSE CONCRETE PAD

REMOVE AND RECLAIM ASPHALT PAVEMENT AND BASE

SAWCUT / LIMIT OF REMOVAL

LIMIT OF ASPHALT PAVEMENT AND BASE REMOVAL

REMOVE AND DISPOSE ASPHALT PAVEMENT AND BASE

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MATTHEW R. MOHLIN, P.E. 09/30/2029
NY PROFESSIONAL ENGINEER Lic. No. 071569 EXP. DATE

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SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

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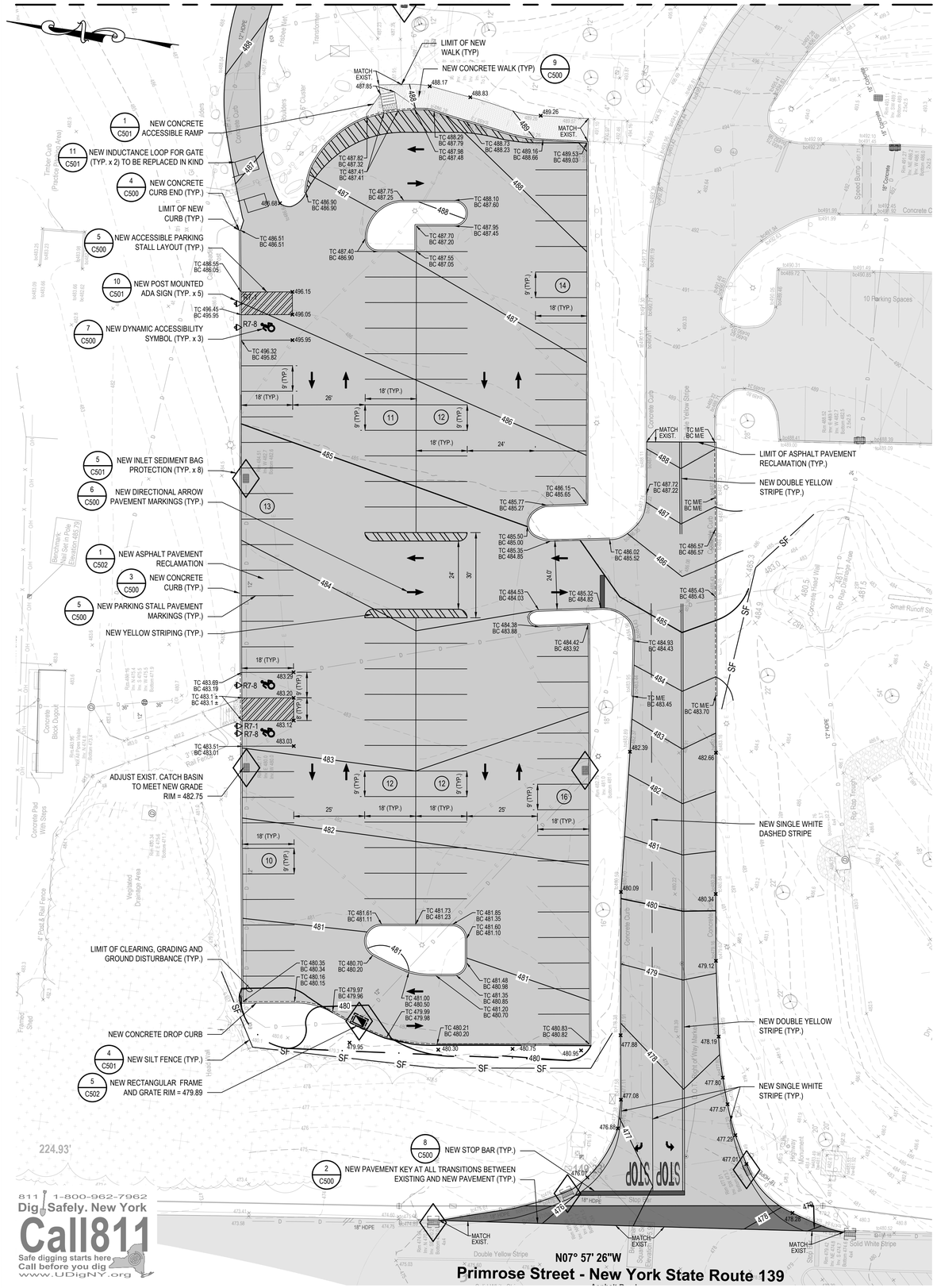
SHEET TITLE

EXISTING CONDITIONS & DEMOLITION PLAN - EAST

DRAWING No.

HS-CD 101.00

C:\Users\peters\appdata\local\temp\AcPublish_17956\02_CD\01 Existing Conditions & Demolition Plan.dwg Last Modified: Oct 28, 2026 - 4:45pm Plotted on: Oct 28, 2026 - 4:45pm By speters



LEGEND

DESCRIPTION	SYMBOL
CURB	
RETAINING WALL	
CONCRETE DROP CURB	
RESEAL ASPHALT PAVEMENT	
ASPHALT PAVEMENT RECLAMATION	
NEW ASPHALT PAVEMENT AND BASE	
CONCRETE PAVEMENT SIDEWALK	
SIGN	
HANDICAP RAMP	
PARKING STALL COUNT	12
CHAIN LINK FENCE	x x
SPOT ELEVATION	+121.50
TOP AND BOTTOM CURB ELEVATION	TC140.00 BC139.50
MAJOR CONTOUR	240
MINOR CONTOUR	241
RETAINING WALL	
CATCH BASIN	
FIELD INLET	
DRAINAGE LINE	D
NEW SILT FENCE	SF SF
NEW INLET SEDIMENT BAG PROTECTION	
NEW CURB INLET SEDIMENT BAG	

SITE PLAN NOTES:

1. INSPECT THE SITE PRIOR TO SUBMISSION OF BIDS AND MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
2. ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE CIVIL DRAWINGS FOR THE LAYOUT AND CONSTRUCTION OF THE BUILDING FOUNDATIONS AND/OR OTHER BUILDING ELEMENTS. REPORT ANY DISCREPANCIES BETWEEN CIVIL, ARCHITECTURE AND STRUCTURAL DRAWINGS IN WRITING TO THE CIVIL ENGINEER PRIOR TO CONSTRUCTION BUILDING FOUNDATIONS AND/OR OTHER BUILDING ELEMENTS.
3. NOTIFY THE OWNER AND H2M (TELEPHONE 914-358-5623) AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF THE WORK. THE SAME NOTICE SHALL BE REQUIRED WHEN RESUMING WORK AFTER ANY STOPPAGE OR DELAY.
4. COMPLETE ALL SURVEY AND STAKEOUT AS REQUIRED TO PROPERLY COMPLETE THE WORK.
5. PERFORM DAILY CLEANUP OPERATIONS INCLUDING REMOVAL OF DEBRIS AND EXCESS CONSTRUCTION MATERIAL, AND DRIVEWAY/STREET CLEANING TO THE SATISFACTION OF THE OWNER.
6. DURING ALL NON-WORKING HOURS, STORE ALL EQUIPMENT AND MATERIALS WITHIN AN AREA DESIGNATED BY THE OWNER AT THE PROJECT SITE.
7. ALL CURB DIMENSIONS SHOWN REFER TO THE FACE OF CURB.
8. ALL CONSTRUCTION TO CONFORM WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
9. COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER TO MINIMIZE INTERRUPTION TO THE OWNER'S OPERATIONS.
10. RESTORE SURROUNDING AREAS DAMAGED OR DISTURBED DURING CONSTRUCTION. RESTORE TO NEW CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
11. RESTORE ALL DISTURBED GRASS AREAS AND ALL AREAS NOT SPECIFICALLY IDENTIFIED FOR OTHER IMPROVEMENTS WITH 4 INCHES OF TOPSOIL AND SEED.
12. REMOVE ALL ASPHALT FROM EXISTING CASTINGS.
13. SEAL ALL JOINTS BETWEEN NEW ASPHALT AND EXISTING ASPHALT WITH HOT ASPHALT CEMENT.

GRADING AND DRAINAGE NOTES:

1. FOR NEW CONSTRUCTION THAT MEETS EXISTING CONDITIONS, ABUTTING SURFACES SHALL BE FLUSH AND ALIGNED.
2. THE CONTRACTOR SHALL CONFIRM INVERT ELEVATIONS OF ALL ROOF DRAINS AND SANITARY HOUSE CONNECTIONS PRIOR TO COMMENCING SITE DRAINAGE AND SANITARY CONSTRUCTION.
3. ADJUST ALL EXISTING CASTINGS AND VALVE COVERS TO MEET PROPOSED GRADE.
4. CONSTRUCTION DEBRIS AND EXCESS SOIL SHALL BE REMOVED AND LEGALLY DISPOSED OFF SITE.
5. UNSUITABLE SOILS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IMMEDIATELY IN WRITING BEFORE REMOVAL OR DISTURBANCE.

PARKING SUMMARY

ITEM	EXISTING	PROPOSED
TOTAL STALL COUNT	97	103
STALL COUNT (NOT INCLUDING ADA)	94	100
ACCESSIBLE STALLS REQUIRED*	4	5
ACCESSIBLE STALLS PROVIDED	3	3
NET CHANGE - OVERALL STALL COUNT		+6

*TOTAL ACCESSIBLE STALLS SATISFIED BY ADDITIONAL PARKING AREAS NOT INCLUDED IN THIS WORK

EROSION CONTROL NOTES:

1. DURING THE COURSE OF CONSTRUCTION, EROSION AND SEDIMENT CONTROL MEASURES ARE NECESSARY TO PREVENT THE TRANSPORT OF SEDIMENT TO UNDISTURBED AREAS, PONDS, WATER COURSES, DRAINAGE SYSTEMS, RECHARGE BASINS, AND ROADS. THE MINIMUM EROSION CONTROL MEASURES REQUIRED ARE INDICATED ON THIS PLAN. IN ADDITION, THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:
   a. EXISTING VEGETATION SCHEDULED TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED.
   b. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT THE INCIDENTAL DISCHARGE OF SEDIMENT FROM THE SITE.
2. SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES MUST CONFORM TO THE LATEST EDITION OF THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".
3. INSTALL PROPRIETARY EROSION AND SEDIMENT CONTROL PRODUCTS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. ADJUST EROSION AND SEDIMENT CONTROL MEASURES TO ACCOMMODATE CONSTRUCTION PHASING TO MAINTAIN EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES.
5. PROTECT EXISTING DRAINAGE INLETS WITHIN THE PROJECT LIMITS AND NEW DRAINAGE INLETS INSTALLED AS PART OF THIS PROJECT FROM SEDIMENT INTRUSION.
6. PERFORM INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES ON A WEEKLY BASIS AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING AND REPAIR OF ALL EROSION AND SEDIMENT CONTROL MEASURES.
7. UTILIZE APPROPRIATE MEANS TO CONTROL DUST DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO APPLYING WATER TO BARE SOIL SURFACES.
8. MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. MAINTAIN THE CONSTRUCTION ENTRANCE WEEKLY UNTIL THE SITE IS PERMANENTLY STABILIZED.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. AFTER PERMANENT STABILIZATION, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SITE AND DRAINAGE STRUCTURES.

TOTAL LAND DISTURBANCE < 1 ACRE

GRAPHIC SCALE
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09/30/2025
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EXP. DATE
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PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT
SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

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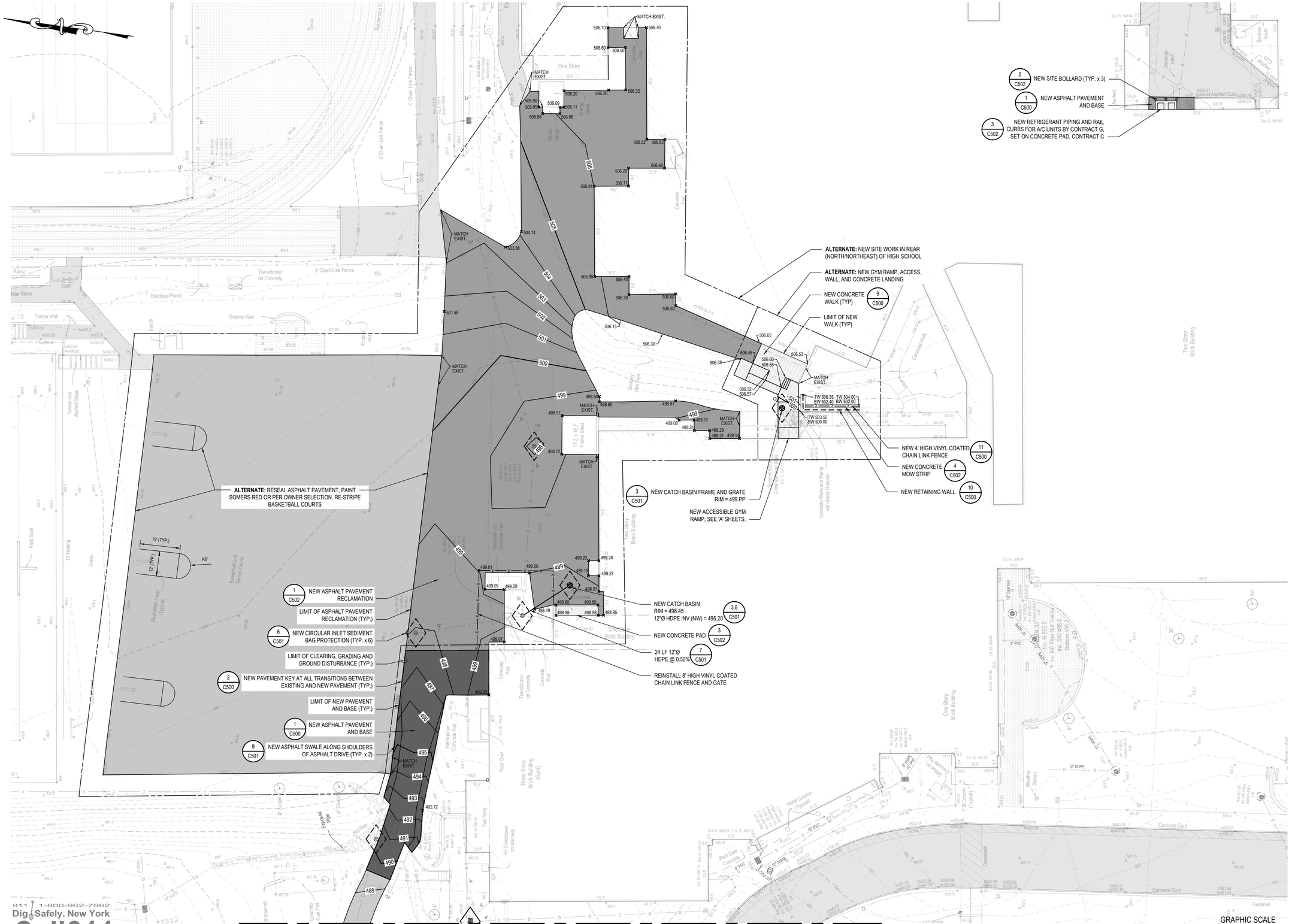
STATUS
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SHEET TITLE
SITE IMPROVEMENTS PLAN - WEST

DRAWING No.
HS-CS 100.00

X:\SSMSD\ [Somers School District]\SMSD2508 (SHS Phase 2 Various Upgrades)\02-BIM-CADD\Civ-Docs\05 Civil\03. CS100 Site Improvements Plan.dwg Last Modified: Oct 28, 2026 - 3:30pm Plotted on: Oct 28, 2026 - 3:31pm By: pyeters

SEE NOTES AND LEGEND ON SHEET CS 100



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PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST,
LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT C
CIVIL / SITE CONSTRUCTION

STATUS

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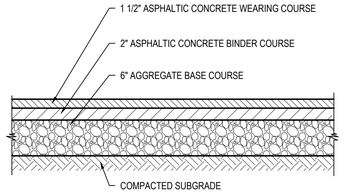
SHEET TITLE

SITE IMPROVEMENTS PLAN - EAST

DRAWING No.

HS-CS 101.00

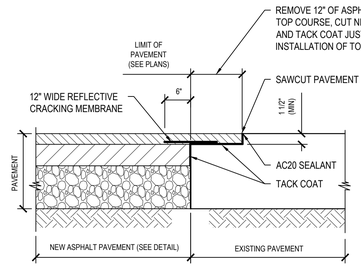
X:\SSMSD] (Somers School District)\SMSD2508 (SHS Phase 2-Various Upgrades)\02.BIM-CADD\Con-Docs\05 Civil\04_CS101 Site Improvements Plan.dwg Last Modified: Oct 28, 2026 - 5:05pm Plotted on: Oct 28, 2026 - 5:01pm By: speters



NOTE:
COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

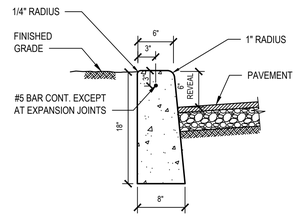
1 Asphalt Pavement - Standard Duty

SCALE: NTS (321216.13 H2MX1) - U



2 New Asphalt Pavement Key to Existing Asphalt Pavement - Standard Duty

NTS (SPEC H2MX#) - U

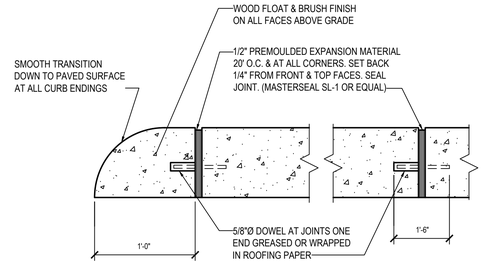


NOTES:

1. WOOD FLOAT AND BRUSH FINISH ON ALL SURFACES ABOVE GRADE.
2. AT ALL CURB ENDINGS, PROVIDE SMOOTH TRANSITION DOWN TO PAVED SURFACE.
3. PROVIDE 1/2" PREFORMED EXPANSION MATERIAL AT 20' ON CENTER AND AT ALL CORNERS. SET EXPANSION MATERIAL 1/2" BELOW EXPOSED SURFACES AND SEAL JOINT.
4. CONCRETE TO ACHIEVE 4,000 PSI STRENGTH AT 28 DAYS.

3 Concrete Curb

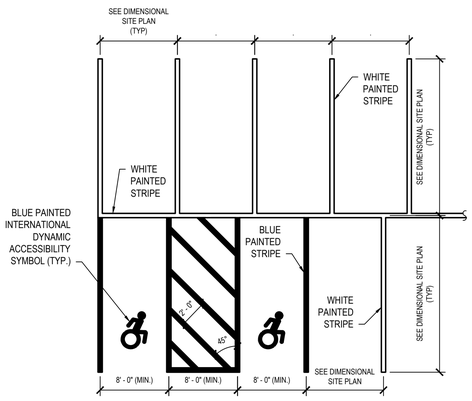
SCALE: NTS (321613.16 H2MX1)



ELEVATION

4 Concrete Curb End Detail

SCALE: NTS (321613.16 H2MX1)

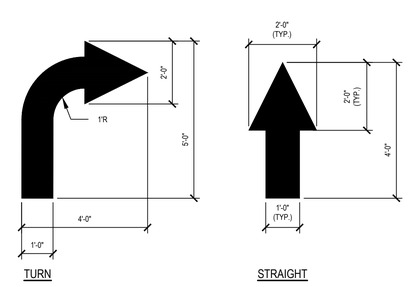


NOTES:

1. ALL STRIPING TO BE 4" WIDE.
2. SEE DIMENSIONAL SITE PLAN FOR LOCATIONS OF PARKING STALL SIGNAGE.

5 Parking Stall Layout - Single Striping

SCALE: NTS (321799.00 H2MX1) - U

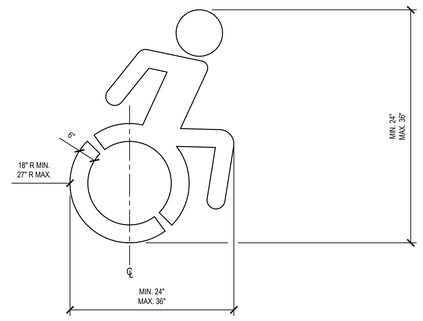


NOTES:

1. ALL ARROWS MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO SITE PLAN SHEETS.
2. TURN ARROW DETAILS SHOWN ARE FOR RIGHT TURN. REVERSE DETAILS AS REQUIRED FOR LEFT TURNS.

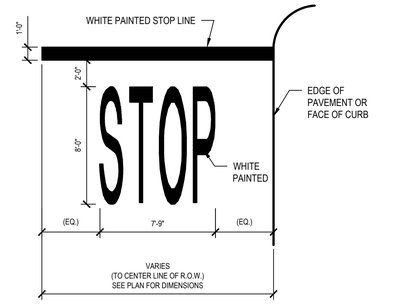
6 Directional Arrows - On SIte

SCALE: NTS 321723.13 H2MX1 -U



7 Dynamic Accessibility Symbol

SCALE: NTS 321799.01 H2MX1

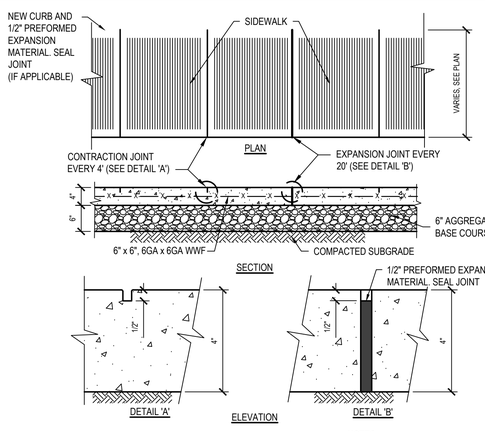


NOTE:

1. SEE DIMENSIONAL SITE PLAN FOR STOP BAR LOCATION

8 Stop Bar and Legend

SCALE: NTS 321723.13 (H2MX2) -U

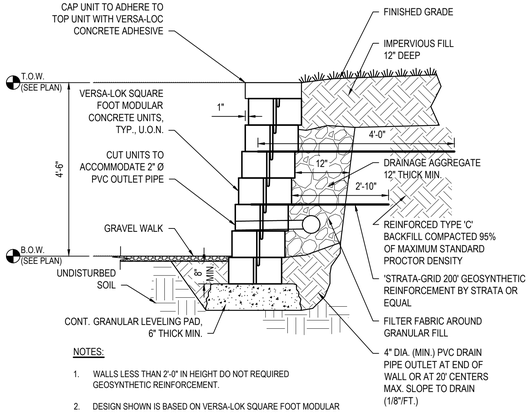


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.

9 Concrete Sidewalk

SCALE: NTS 321313.33 H2MX1

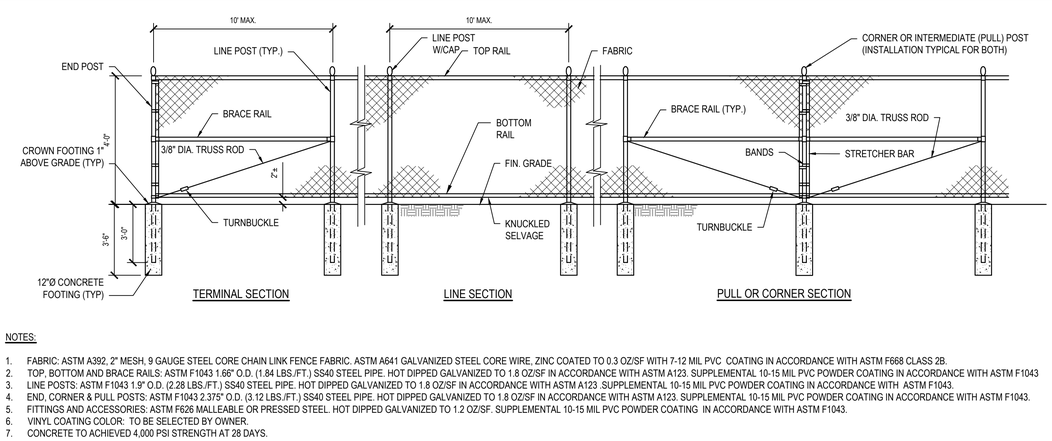


NOTES:

1. WALLS LESS THAN 2'-0" IN HEIGHT DO NOT REQUIRED GEOSYNTHETIC REINFORCEMENT.
2. DESIGN SHOWN IS BASED ON VERSA-LOK SQUARE FOOT MODULAR UNITS. IF SUBSTITUTION IS DESIRED, CONTRACTOR SHALL SUBMIT PRODUCT DATA WITH CALCULATIONS SIGNED AND SEALED BY A REGISTERED ENGINEER IN THE STATE OF NEW YORK

10 Retaining Wall Section (2'-0" to 4'-6" Height)

SCALE: NTS SPECIFICATION #



NOTES:

1. FABRIC: ASTM A392, 2" MESH, 9 GAUGE STEEL CORE CHAIN LINK FENCE FABRIC. ASTM A641 GALVANIZED STEEL CORE WIRE, ZINC COATED TO 0.3 OZ/SF WITH 7-12 MIL PVC COATING IN ACCORDANCE WITH ASTM F668 CLASS 2B.
2. TOP, BOTTOM AND BRACE RAILS: ASTM F1043 1.66" O.D. (1.84 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043
3. LINE POSTS: ASTM F1043 1.9" O.D. (2.28 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123 .SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
4. END, CORNER & PULL POSTS: ASTM F1043 2.375" O.D. (3.12 LBS./FT.) SS40 STEEL PIPE. HOT DIPPED GALVANIZED TO 1.8 OZ/SF IN ACCORDANCE WITH ASTM A123. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
5. FITTINGS AND ACCESSORIES: ASTM F626 MALLEABLE OR PRESSED STEEL. HOT DIPPED GALVANIZED TO 1.2 OZ/SF. SUPPLEMENTAL 10-15 MIL PVC POWDER COATING IN ACCORDANCE WITH ASTM F1043.
6. VINYL COATING COLOR: TO BE SELECTED BY OWNER.
7. CONCRETE TO ACHIEVED 4,000 PSI STRENGTH AT 28 DAYS.

11 Chain Link Fence - Vinyl Coated - 4' Height

SCALE: NTS | H2M X1 323113.15

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · LICENSED PROFESSIONAL ENGINEER · 071569

09/30/2020
EXP. DATE

MATTHEW R. MOHLIN, P.E.
NY PROFESSIONAL ENGINEER Lic. No. 071569

"IN ACCORDANCE WITH ARTICLE 145, SECTION 7209 OF THE NYS EDUCATION LAW, ALTERATION OF THIS DOCUMENT EXCEPT BY LICENSE PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

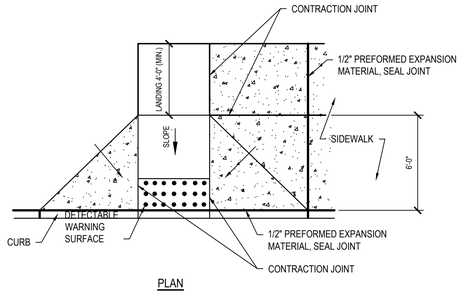
SHEET TITLE

SITE DETAILS

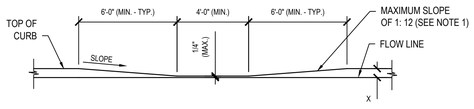
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HS-C 500.00

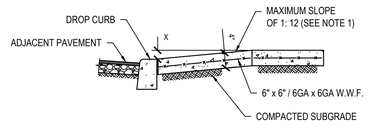
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PLAN



ELEVATION



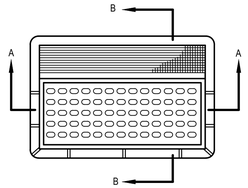
SECTION

NOTES:

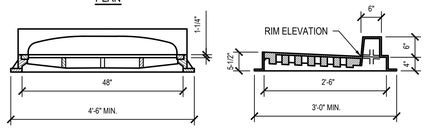
1. DIMENSIONS SHOWN ARE APPLICABLE FOR INSTALLATION WITH 6" CURB REVEAL. DIMENSIONS OF FLARE AND RAMP LENGTH FOR INSTALLATION WITH ALTERNATE CURB REVEALS MAY BE MODIFIED TO MAINTAIN A RAMP SLOPE NOT TO EXCEED 1:12.
2. THE SIZE OF THE DETECTABLE WARNING FIELD SHALL BE 24" IN THE DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP EXCLUSIVE OF SIDE FLARES.
3. MAXIMUM SLOPE OF LANDING IS 2% IN ANY DIRECTION.
4. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX.)
5. CONCRETE TO ACHIEVE 4,000 P.S.I. STRENGTH AT 28 DAYS.
6. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
7. APPLY BRUSH FINISH PERPENDICULAR TO DIRECTION OF SLOPE.
8. REFER TO CONCRETE SIDEWALK DETAIL FOR INFORMATION REGARDING CONTRACTION AND EXPANSION JOINTS.

1 Concrete Handicap Ramp - Mid Block - Flare

SCALE: NTS (321313.36 H2MX2) - U



PLAN



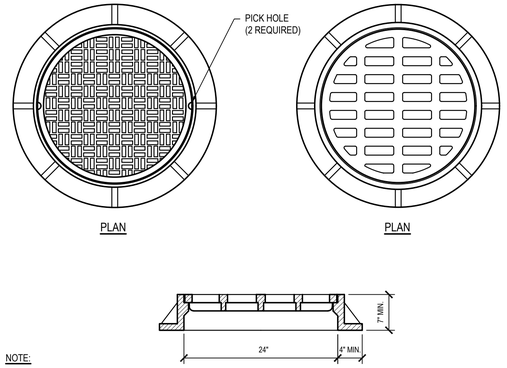
SECTION A-A SECTION B-B

NOTE

1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE SAFE.

2 Combination Inlet Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MX3)



PLAN PLAN

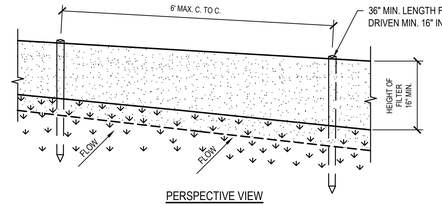
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NOTE:

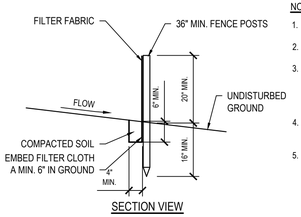
CASTINGS MUST BE CAST IRON CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.

3 Circular Frame & Cover or Grate - Heavy Duty

SCALE: NTS | H2M:X5 334913.23



PERSPECTIVE VIEW



SECTION VIEW

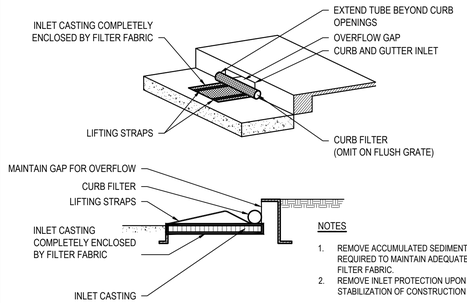
NOTES

1. POSTS SHALL BE 2" X 2" HARDWOOD OR APPROVED EQUIVALENT.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED AND SECURE AT POST. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND ACCUMULATED SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. REMOVE SILT FENCE UPON PERMANENT STABILIZATION OF UPLAND AREAS.

4 Silt Fence - Standard

SCALE: NTS 312513.13 NYDC1-U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft	145
Permittivity	ASTM D 4491	Sec^{-1}	2.1



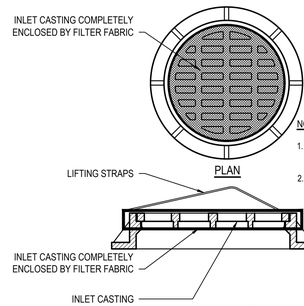
NOTES

1. REMOVE ACCUMULATED SEDIMENT AND DEBRIS AS REQUIRED TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

5 Curb Inlet Sediment Bag Protection

SCALE: NTS (312553.13 H2MX1) - U

FILTER FABRIC PROPERTIES			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	lbs	365 x 200
Grab Tensile Elongation	ASTM D 4632	%	24 x 10
Puncture Strength	ASTM D 4833	lbs	90
Mullen Burst Strength	ASTM D 3786	psi	450
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75
UV Resistence	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	US Std Sieve)	40
Flow Rate	ASTM D 4491	gal/min/ft	145
Permittivity	ASTM D 4491	Sec^{-1}	2.1



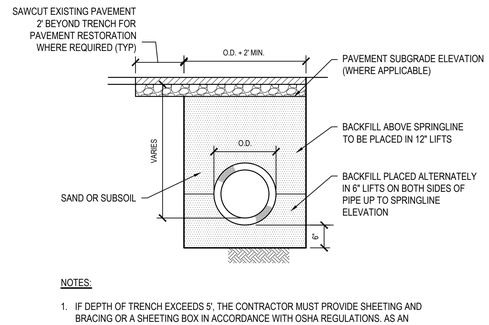
PLAN

NOTES

1. REMOVE ACCUMULATED SEDIMENT AND DEBRIS AS REQUIRED TO MAINTAIN ADEQUATE FLOW THROUGH FILTER FABRIC.
2. REMOVE INLET PROTECTION UPON PERMANENT STABILIZATION OF CONSTRUCTION SITE.

6 Circular Inlet Sediment Bag Protection

SCALE: NTS 312553.13 H2MX2

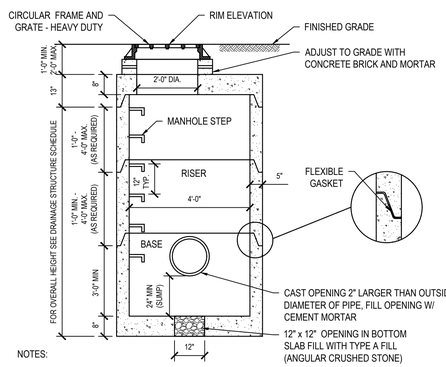


NOTES:

1. IF DEPTH OF TRENCH EXCEEDS 5', THE CONTRACTOR MUST PROVIDE SHEETING AND BRACING OR A SHEETING BOX IN ACCORDANCE WITH OSHA REGULATIONS. AS AN ALTERNATIVE, IF PERMITTED BY THE ENGINEER, THE TRENCH WALLS MAY BE CUT BACK TO A 1:1 SLOPE OR THE NATURAL ANGLE OF REPOSE FOR THE SOIL, WHICHEVER IS GREATER.
2. WITHIN 9" OF PAVEMENT SUBGRADE ELEVATION (WHERE APPLICABLE) COMPACT BACKFILL TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557. ALL OTHER BACKFILL MATERIAL TO BE COMPACTED TO 90% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.

7 Pipe Trench

SCALE: NTS 312333.00 H2MX1 -U

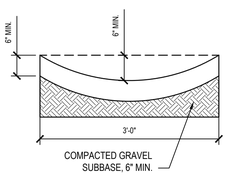


NOTES:

1. MANHOLE IS TO BE REINFORCED PRECAST CONCRETE AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. MANHOLE CONSTRUCTION TO CONFORM TO ASTM C913
3. PROVIDE ADDITIONAL RISERS AS REQUIRED.
4. FLEXIBLE GASKET TO CONFORM TO THE REQUIREMENTS OF ASTM C990.

8 Catch Basin - Round

SCALE: NTS (334913.13 H2MX1) - (MOD)

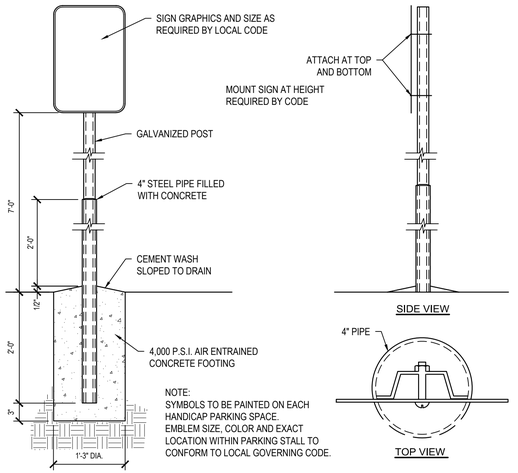


NOTES:

1. THE FLOW LINE OF THE ASPHALT GUTTER SHALL NOT VARY MORE THAN 0.01' VERTICALLY FROM A 10' STRAIGHT EDGE PLACED LONGITUDINALLY ALONG FLOW LINE.
2. THE FLOW LINE OF THE ASPHALT GUTTER SHALL NOT VARY MORE THAN 0.03' HORIZONTALLY FROM A 10' STRAIGHT EDGE PLACED LONGITUDINALLY ALONG FLOW LINE.

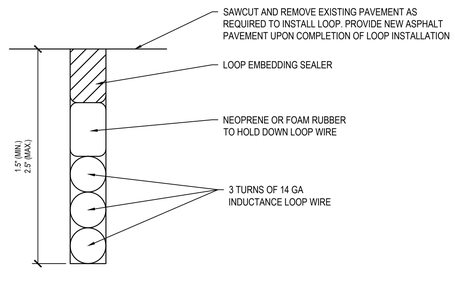
9 Asphalt Swale

SCALE: NTS



10 Post - Mounted ADA Sign

SCALE: NTS (101453H2MX1 ADA) - U



11 Inductance Loop

SCALE: NTS

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CONSULTANTS:

MARK	DATE	DESCRIPTION

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09/30/2026 EXP. DATE

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NY PROFESSIONAL ENGINEER Lic. No. 071569

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
S. PETERS	A. SODERMAN	B. LEDGER	M. MOHLIN

PROJECT No.:	DATE:	SCALE:
SMSD2508	OCTOBER 2026	AS SHOWN

CLIENT

SOMERS CENTRAL SCHOOL DISTRICT

VARIOUS UPGRADES AT SOMERS HIGH SCHOOL

120 PRIMROSE ST, LINCOLNDALE, NY 10540

SED #: 66-21-01-06-0-003-023

CONTRACT

CONTRACT C CIVIL / SITE CONSTRUCTION

STATUS

BID DOCUMENTS

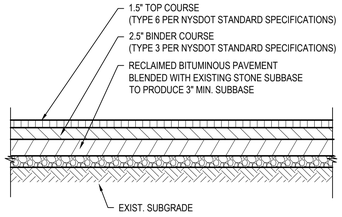
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SITE DETAILS

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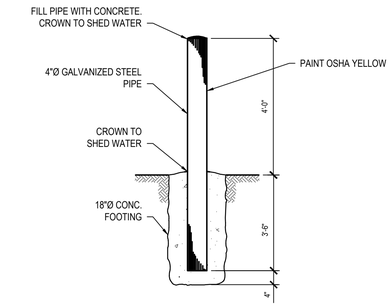
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NOTE:
CONTRACTOR TO RECLAIM APPROXIMATELY THREE (3) TO SIX (6) INCHES OF EXISTING ASPHALT PAVEMENT (PAVEMENT THICKNESS VARIES). CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ANY UNUSED MATERIALS.

1 Asphalt Pavement Reclamation

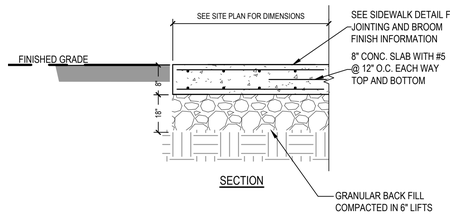
SCALE: NTS H2M - MOD



NOTE:
1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS.

2 Steel Bollard - 4" Diameter

NTS (323613.00 H2MX1)

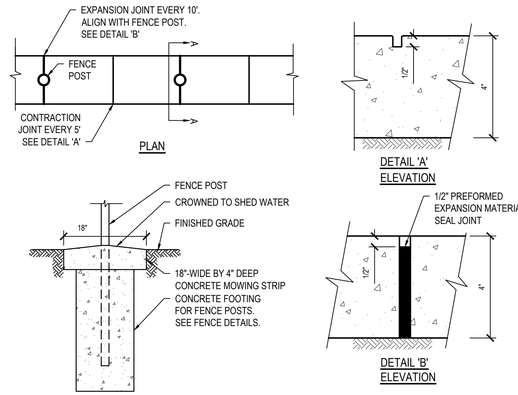


NOTES:

1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
4. INSTALL EXPANSION MATERIAL ALONG ALL AREAS OF PAD BORDERING FINISHED SURFACES.

3 Concrete Pad

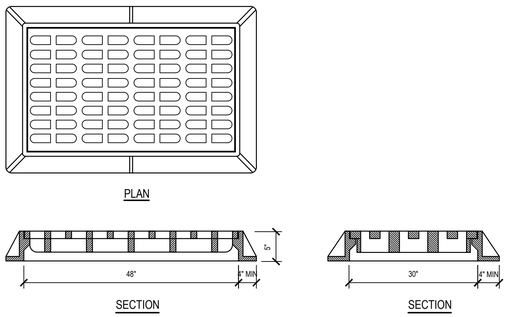
SCALE: NTS



NOTES:
1. CONCRETE TO ACHIEVE 4000 PSI STRENGTH AT 28 DAYS
2. COMPACT SUBGRADE TO 92% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D1557.
3. APPLY BROOM FINISH PARALLEL TO FENCE LINE.

4 Concrete Mow Strip

SCALE: NTS SPECIFICATION #



NOTES:
1. CASTING MUST BE CAST IRON AND CAPABLE OF SUPPORTING THE AASHTO HS-20 HIGHWAY LOADING.
2. GRATE PATTERN TO BE BICYCLE- SAFE.

5 Rectangular Frame & Grate - Heavy Duty

SCALE: NTS (334913.23 H2MZ1)

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CONSULTANTS:

MARK	DATE	DESCRIPTION

STATE OF NEW YORK · MATTHEW RONALD MOHLIN · 071569 · LICENSED PROFESSIONAL ENGINEER

09/30/2029
EXP. DATE

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HS-C 502.00

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